Renovate Peregrine Dining Hall, Bldg. 032

State University Construction Fund

SUCF Project No. 081056-00

SUNY New Paltz
Southside Loop
New Paltz, NY 12561



ARCHITECT:
KSQ Architects PC dba KSQ Design
286 Madison Street, 22nd Floor
New York, NY 10017
646.435.0660 office
www.ksq.design

OWNER:
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ:
State University Construction Fund
State University Plaza
353 Broadway
Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

CIVIL ENGINEER:
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
646.998.3677 office
www.watts-ae.com

MECHANICAL ENGINEER:
Fellenzer Enginering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

STRUCTURAL ENGINEER:
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

COST ESTIMATING CONSULTANT:
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

E, P, FP ENGINEER:
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

CULINARY CONSULTANT:
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

LIGHTING CONSULTANT:
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

ENVIRONMENTAL CONSULTANT:
Adelaide Environmental Health Associates Inc
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
215 W 40th St - 15th Floor
New York, NY 10018
646.435.0660 office
www.ksq.design

BID SET
08/17/26

REGISTERED ARCHITECT
ARMANDO SAMUEL QUIJANO
022313
STATE OF NEW YORK
EXP. DATE : 03/31/2028

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032
Southside Loop
New Paltz, NY 12561

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2024 KSQ ARCHITECTS, PC

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
GENERAL					
G-000	COVER SHEET	X	X	X	X
G-001	SHEET INDEX	X	X	X	X
CIVIL					
C-001	CONTRACTOR LAYDOWN AREA AND NOTES		X	X	X
C-101	SITE PREPARATION PLAN	X	X	X	X
C-201	SITE IMPROVEMENTS PLAN	X	X	X	X
C-301	SITE GRADING AND UTILITY PLAN	X	X	X	X
C-302	UTILITY PROFILES	X	X	X	X
C-401	SITE LANDSCAPE PLAN	X	X	X	X
C-501	ESC DETAILS	X	X	X	X
C-502	SITE DETAILS	X	X	X	X
C-503	UTILITY DETAILS	X	X	X	X
GENERAL/LIFE SAFETY/CODE ANALYSIS					
G-031	GENERAL NOTES / ABBREVIATIONS / LEGENDS AND SYMBOLS	X	X	X	X
G-041	EXTERIOR WALL ASSEMBLIES & INTERIOR WALL TYPES		X	X	X
G-052	STANDARD MOUNTING HEIGHTS	X	X	X	X
G-101	FIRST FLOOR LIFE SAFETY PLAN	X	X	X	X
G-102	SECOND FLOOR LIFE SAFETY PLAN	X	X	X	X
G-103	MEZZANINE LIFE SAFETY PLAN		X	X	X
ARCHITECTURAL					
AA-100	LEVEL 1 ABATEMENT PLAN	X	X	X	X
AA-101	LEVEL 2 ABATEMENT PLAN	X	X	X	X
AA-102	MEZZ. ABATEMENT PLAN	X	X	X	X
AA-103	ROOF ABATEMENT PLAN	X	X	X	X
AD-101	FIRST FLOOR DEMOLITION PLAN	X	X	X	X
AD-102	SECOND FLOOR DEMOLITION PLAN	X	X	X	X
AD-103	MECHANICAL MEZZANINE DEMOLITION FLOOR PLAN	X	X	X	X
AD-110	FIRST FLOOR OVERALL DEMO RCP	X	X	X	X
AD-111	SECOND FLOOR OVERALL DEMO RCP	X	X	X	X
AD-121	OVERALL DEMOLITION ROOF PLAN	X	X	X	X
AD-201	DEMO ELEVATIONS	X	X	X	X
AD-202	DEMO ELEVATIONS	X	X	X	X
A-011	ARCHITECTURAL SITE PLAN		X	X	X
A-101	OVERALL FIRST FLOOR PLAN	X	X	X	X
A-102	OVERALL SECOND FLOOR PLAN	X	X	X	X
A-103	MECHANICAL MEZZANINE FLOOR PLAN	X	X	X	X
A-111	FIRST FLOOR RCP	X	X	X	X
A-112	SECOND FLOOR RCP	X	X	X	X
A-121	OVERALL ROOF PLAN	X	X	X	X
A-131	FIRST FLOOR SLAB EDGE PLAN	X	X	X	X
A-201	BUILDING ELEVATIONS	X	X	X	X
A-202	BUILDING ELEVATIONS	X	X	X	X
A-301	BUILDING SECTIONS	X	X	X	X
A-311	WALL SECTIONS	X	X	X	X
A-312	WALL SECTIONS		X	X	X
A-313	WALL SECTIONS		X	X	X
A-331	ROOF DETAILS			X	X
A-401	ENLARGED FLOOR PLANS		X	X	X
A-402	ENLARGED FLOOR PLANS		X	X	X
A-403	ENLARGED FLOOR PLANS		X	X	X
A-404	ENLARGED FLOOR PLANS			X	X
A-411	ENLARGED RCPS		X	X	X
A-412	ENLARGED RCPS		X	X	X
A-413	ENLARGED RCPS		X	X	X
A-501	FOUNDATION DETAILS		X	X	X
A-502	EXTERIOR SECTION DETAILS		X	X	X
A-503	EXTERIOR SECTION DETAILS		X	X	X
A-551	CEILING DETAILS			X	X
A-552	CEILING DETAILS			X	X
A-601	DOOR SCHEDULE AND DETAILS		X	X	X
A-621	INTERIOR WINDOW ELEVATIONS		X	X	X
A-622	WINDOW DETAILS		X	X	X
A-631	EXTERIOR WINDOW ELEVATIONS		X	X	X
A-701	STAIR PLANS & SECTIONS		X	X	X
A-702	STAIR PLANS & SECTIONS		X	X	X
A-703	STAIR PLANS & SECTIONS			X	X
A-711	STAIR DETAILS			X	X
A-721	ELEVATOR PLANS & SECTIONS		X	X	X
A-801	INTERIOR FINISH SCHEDULES			X	X
A-811	FIRST FLOOR INTERIOR FINISH PLANS		X	X	X
A-812	SECOND FLOOR INTERIOR FINISH PLANS		X	X	X
A-822	FIRST FLOOR FURNITURE PLANS	X	X	X	X
A-823	SECOND FLOOR FURNITURE PLANS	X	X	X	X
A-831	ENLARGED INTERIOR ELEVATIONS		X	X	X
A-832	ENLARGED INTERIOR ELEVATIONS - FIRST FLOOR		X	X	X
A-833	ENLARGED INTERIOR ELEVATIONS			X	X
A-841	MILLWORK & CASEWORK SECTIONS		X	X	X
A-842	MILLWORK & CASEWORK SECTIONS		X	X	X
A-852	SIGNAGE DETAILS			X	X
PRESENTATION					
A-900	EXTERIOR RENDERINGS	X	X	X	X
A-901	INTERIOR RENDERINGS	X	X	X	X
A-902	INTERIOR RENDERINGS		X	X	X
STRUCTURAL					
S-000	STRUCTURAL COVER SHEET	X	X	X	X
S-001	STRUCTURAL NOTES		X	X	X
S-002	STRUCUTRAL NOTES		X	X	X
S-010	STRUCTURAL DESIGN CRITERIA		X	X	X
S-011	STRUCTURAL DESIGN CRITERIA		X	X	X
S-012	STRUCTURAL DESIGN CRITERIA			X	X
SD-101	LEVEL 1 DEMOLITION PLAN	X	X	X	X
SD-102	LEVEL 2 DEMOLITION PLAN	X	X	X	X
SD-103	MECHANICAL PENTHOUSE DEMOLITION PLAN	X	X	X	X
SD-104	ROOF DEMOLITION PLAN	X		X	X
SD-200	BUILDING SECTION - DEMOLITION	X	X	X	X
S-101	LEVEL 1 FLOOR PLAN	X	X	X	X
S-102	LEVEL 2 FRAMING PLAN	X	X	X	X
S-103	MECHANICAL PENTHOUSE FRAMING PLAN	X	X	X	X
S-104	ROOF FRAMING PLAN	X	X	X	X
S-130	BUILT UP SLAB PLAN AND DETAILS		X	X	X
S-200	BUILDING SECTIONS	X	X	X	X
S-201	BRACE ELEVATIONS		X	X	X
S-202	WALL ELEVATIONS		X	X	X

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
S-203	SHEAR WALL ELEVATIONS			X	X
S-300	SHEAR WALL REINFORCEMENT PLAN			X	X
S-400	FOUNDATION TYPICAL DETAILS		X	X	X
S-401	BEARING SLAB ON GROUND DETAILS		X	X	X
S-402	BEARING SLAB ON GROUND TYPICAL DETAILS		X	X	X
S-403	WALL TYPICAL DETAILS		X	X	X
S-404	CURB TYPICAL DETAILS		X	X	X
S-405	WELDS TYPICAL DETAILS		X	X	X
S-406	BASE PLATE SCHEDULE AND TYPICAL DETAILS		X	X	X
S-407	STEEL COLUMN SCHEDULE		X	X	X
S-408	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS		X	X	X
S-409	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS		X	X	X
S-410	CONNECTIONS TYPICAL DETAILS GRAVITYSYSTEMS		X	X	X
S-411	BRACING TYPICAL DETAILS		X	X	X
S-412	SLAB/STEEL DECK TYPICAL DETAILS		X	X	X
S-413	SLAB/STEEL DECK TYPICAL DETAILS		X	X	X
S-414	DECK SUPPORT AND STUD SHEAR CONNECTIONS TYP. DETAILS		X	X	X
S-415	REINFORCED CMU WALL TYPICAL DETAILS			X	X
S-416	REINFORCED CMU WALL TYPICAL DETAILS			X	X
S-500	SECTIONS AND DETAILS		X	X	X
S-501	SECTIONS AND DETAILS		X	X	X
S-502	SECTIONS AND DETAILS			X	X
S-503	SECTIONS AND DETAILS			X	X
S-504	SECTIONS AND DETAILS			X	X
MECHANICAL					
H-001	HVAC SYMBOLS, ABBREVIATIONS & NOTES	X	X	X	X
HS-101	GEOTHERMAL WELL FIELD SITE PLAN	X	X	X	X
HD-101	HVAC FIRST FLOOR DEMO DUCTWORK PLAN	X	X	X	X
HD-102	HVAC SECOND FLOOR DEMO DUCTWORK PLAN	X	X	X	X
HD-103	HVAC ROOF DEMO DUCTWORK PLAN		X	X	X
HD-201	HVAC FIRST FLOOR DEMO HYDRONIC PLAN	X	X	X	X
HD-202	HVAC SECOND FLOOR DEMO HYDRONIC PLAN	X	X	X	X
HD-204	HVAC ENLARGED MECHANICAL FLOOR DEMO PLANS			X	X
H-101	HVAC FIRST FLOOR DUCTWORK PLAN	X	X	X	X
H-102	HVAC SECOND FLOOR DUCTWORK PLAN	X	X	X	X
H-103	HVAC MEZZANINE DUCTWORK PLAN	X	X	X	X
H-104	HVAC ROOF PLAN	X	X	X	X
H-201	HVAC FIRST FLOOR HYDRONIC PLAN	X	X	X	X
H-202	HVAC SECOND FLOOR HYDRONIC PLAN	X	X	X	X
H-203	HVAC MEZZANINE HYDRONIC PLAN	X	X	X	X
H-204	HVAC ENLARGED MECHANICAL ROOM HYDRONIC PLAN			X	X
H-205	HVAC ENLARGED MEZZANINE HYDRONIC PLAN			X	X
H-301	HVAC FIRST FLOOR SECTIONS		X	X	X
H-302	HVAC MEZZANINE SECTIONS		X	X	X
H-303	HVAC MEZZANINE & GEOTHERMAL SECTION VIEWS		X	X	X
H-501	HVAC CONTROLS SYMBOL, NOTES & ABBREVIATIONS - SYSTEM ARCHITECTURE DIAGRAM			X	X
H-502	HVAC AHU CONTROLS DIAGRA SEQUENCE OF OPERATION, AND POINTS LISTS			X	X
H-503	HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS			X	X
H-504	HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS			X	X
H-601	HVAC RISER DIAGRAMS		X	X	X
H-602	HVAC HYDRONIC PIPING RISER DIAGRAM		X	X	X
H-701	HVAC DETAILS	X	X	X	X
H-702	HVAC DETAILS	X	X	X	X
H-703	HVAC DETAILS	X	X	X	X
H-704	HVAC DETAILS	X	X	X	X
H-705	HVAC DETAILS			X	X
H-706	HVAC DETAILS			X	X
H-801	HVAC SCHEDULES		X	X	X
H-802	HVAC SCHEDULES			X	X
H-803	HVAC OPTIONAL DESIGN SCHEDULES			X	X
PLUMBING					
P-100	LEGEND AND NOTES		X	X	X
PD-100	FIRST FLOOR DOMESTIC WATER AND GAS DEMOLITION PLAN	X	X	X	X
PD-101	FIRST FLOOR UNDER SLAB DEMOLITION PLAN	X	X	X	X
PD-102	SECOND FLOOR BELOW FLOOR DRAINAGE DEMOLITION PLANS	X	X	X	X
PD-103	ROOF DEMOLITION PLAN	X	X	X	X
PD-800	DOMESTIC WATER SCHEMATIC - REMOVALS				X
PD-801	SANITARY - VENT SCHEMATIC REMOVALS				X
P-101	FIRST FLOOR STORM - SAN- VENT	X	X	X	X
P-102	FIRST FLOOR DOMESTIC WATER	X	X	X	X
P-103	SECOND FLOOR STORM - SAN - VENT		X	X	X
P-104	SECOND FLOOR DOMESTIC WATER		X	X	X
P-105	MEZZANINE STORM - SAN - VENT		X	X	X
P-106	ROOF PLAN		X	X	X
P-800	DOMESTIC WATER SCHEMATIC		x	X	X
P-801	SANITARY - VENT SCHEMATIC		X	X	X
P-900	SCHEDULES		X	X	X
P-901	PLUMBING DETAILS		X	X	X
P-902	ENLARGED PLANS		X	X	X
FIRE PROTECTION					
F001	FIRE PROTECTION NOTES AND SYMBOLS	X	X	X	X
FD101	FIRST FLOOR FIRE PROTECTION DEMOLITION	X	X	X	X
FD102	SECOND FLOOR FIRE PROTECTION DEMOLITIO	X	X	X	X
FD103	MECHANICAL MEZZ. FIRE PROTECTION DEMOLITION	X	X	X	X
F101	FIRST FLOOR FIRE PROTECTION PLAN		X	X	X
F102	SECOND FLOOR FIRE PROTECTION PLAN		X	X	X
F103	SECOND FLOOR / MECHANICAL MEZZ. FIRE PROTECTION PLAN		X	X	X
F201	FIRST FLOOR FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F202	SECOND FLOOR FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F203	MECHANICAL MEZZ. FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F501	FIRE PROTECTION DETAILS	X	X	X	X
F502	FIRE PROTECTION RISER DIAGRAM	X	X	X	X
FA001	FIRE ALARM NOTES AND SYMBOLS	X	X	X	X
FAD101	FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN	X	X	X	X
FAD102	SECOND FLOOR FIRE ALARM DEMOLITION PLAN	X	X	X	X
FAD103	MECHANICAL MEZZ. FIRE ALARM DEMOLITION PLAN	X	X	X	X
FA101	FIRST FLOOR FIRE PROTECTION PLAN		X	X	X
FA102	SECOND FLOOR FIRE ALARM PLAN		X	X	X
FA103	MECHANICAL MEZZ. FIRE ALARM PLAN		X	X	X
FA201	FIRST FLOOR FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA202	SECOND FLOOR FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA203	MECHANICAL MEZZ. FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA501	FIRE ALARM DETAILS		X	X	X
FA502	FIRE ALARM RISER DIAGRAM		X	X	X

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
TELECOMMUNICATION					
T-001	ERCES SYSTEM NOTES DETAILS & LEGENDS				X
T-101	FIRST FLOOR ERCES PLAN				X
T-102	SECOND FLOOR ERCES PLAN				X
T-103	THIRD FLOOR ERCES PLAN				X
T-104	FIBER NETWORK INSTALLATION PLAN - AREA 1				X
T-105	FIBER NETWORK INSTALLATION PLAN - AREA 2				X
ELECTRICAL					
E-000	GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS	X	X	X	X
ED-101	FIRST FLOOR - ELECTRICAL DEMOLITION PLAN	X	X	X	X
ED-102	SECOND FLOOR ELECTRICAL DEMOLITION PLAN	X	X	X	X
ED-103	MEZZANINE LEVEL DEMOLITION		X	X	X
ES-1	ELECTRIC UTILITY PLAN			X	X
E-100	REFERENCE KEY PLAN	X	X	X	X
E-201	FIRST FLOOR PLAN POWER AND SYSTEMS	X	X	X	X
E-202	SECOND FLOOR PLAN POWER AND SYSTEMS	X	X	X	X
E-203	SECOND FLOOR PLAN ENLARGED	X	X	X	X
E-204	MEZZANINE LEVEL POWER AND SYSTEMS		X	X	X
E-301	FIRST FLOOR PLAN - LIGHTING	X	X	X	X
E-302	SECOND FLOOR PLAN - LIGHTING	X	X	X	X
E-303	MEZZANINE LEVEL LIGHTING	X	X	X	X
E-400	EQUIPMENT CONNECTION SCHEUDLE AND LUMINAIRE SCHEDULE	X	X	X	X
E-401	KITCHEN EQUIPMENT CONNECTION SCHEDULES A, B, AND D	X	X	X	X
E-402	KITCHEN EQUIPMENT CONNECTION SCHEDULE C	X	X	X	X
E-403	KITCHEN EQUIPMENT CONNECTION SCHEDULE C PART 1			X	X
E-404	KITCHEN EQUIPMENT CONNECTION SCHEDULE C PART 2			X	X
E-405	PANEL SCHEDULES			X	X
E-406	PANEL SCHEDULES			X	X
E-407	PANEL SCHEDULES			X	X
E-408	PANEL SCHEDULES			X	X
E-500	DETAILS AND SCHEDULES			X	X
E-501	DETAILS AND DIAGRAMS			X	X
E-502	DETAILS AND DIAGRAMS			X	X
E-503	DETAILS AND DIAGRAMS			X	X
E-601	ONE-LINE DIAGRAM DEMOLITION	X	X	X	X
E-602	ONE-LINE DIAGRAM		X	X	X
ETS-1	TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY PLAN			X	X
ETS-2	TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM			X	X
FOOD SERVICE					
QF000-1	INDEX SHEET	X	X	X	X
QF100-1	FOODSERVICE KEY PLAN (A)	X	X	X	X
QF100-2	FOODSERVICE KEY PLAN (B,C,D)	X	X	X	X
QF400-1	FOODSERVICE EQUIPMENT PLAN (A)	X	X	X	X
QF400-1A	FOODSERVICE 3D VIEWS (A)		X	X	X
QF400-2A	FOODSERVICE UTILITY SCHEDULE (A)			X	X
QF400-3	FOOD SERVICE BUILDING CONDITIONS & VENTILATION PLAN A			X	X
QF400-4	FOOD SERVICE PLUMBING PLAN A			X	X
QF400-5	FOOD SERVICE ELECTRICAL PLAN A			X	X
QF401-1	FOODSERVICE EQUIPMENT PLAN (B)	X	X	X	X
QF401-1A	FOODSERVICE 3D VIEWS (B)		X	X	X
QF401-2A	FOODSERVICE UTILITY SCHEDULE (B_)			X	X
QF401-2B	FOODSERVICE UTILITY SCHEDULE (B)			X	X
QF401-3	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN B			X	X
QF401-4	FOODSERVICE BUILDING PLUMBING PLAN B			X	X
QF401-5	FOODSERVICE BUILDING ELECTRICAL PLAN B			X	X
QF402-1	FOODSERVICE EQUIPMENT PLAN (C)	X	X	X	X
QF402-1A	FOODSERVICE EQUIPMENT SCHDULE (C)		X	X	X
QF402-1B	FOODSERVICE 3D VIEWS (C)		X	X	X
QF402-2A	FOODSERVICE UTILITY SCHEDULES (C)			X	X
QF402-2B	FOODSERVICE UTILITY SCHEDULES (C)			X	X
QF402-2C	FOODSERVICE UTILITY SCHEDULE (C)			X	X
QF402-2D	FOODSERVICE UTILITY SCHEDULE (C)			X	X
QF402-3A	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN C			X	X
QF402-3B	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN C			X	X
QF402-4A	FOODSERVICE PLUMBING PLAN C			X	X
QF402-4B	FOODSERVICE PLUMBING PLAN C			X	X
QF402-5	FOODSERVICE ELECTRIC PLAN C			X	X
QF402-6	FOODSERVICE ELECTRIC PLAN C			X	X
QF403-1	FOODSERVICE EQUIPMENT PLAN (D)	X	X	X	X
QF403-2	FOODSERVICE UTILITY SCHEDULE (D)			X	X
QF403-3	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN D			X	X
QF403-4	FOODSERVICE BUILDING PLUMBING PLAN D			X	X
QF403-5	FOODSERVICE BUILDING ELECTRICAL PLAN D			X	X
QF501-1	FOODSERVICE ELEVATION KEY PLAN A			X	X
QF501-2	FOODSERVICE ELEVATION KEY PLAN B,C,D			X	X
QF501-3	FOODSERVICE ELEVATION PLAN A			X	X
QF501-4	FOODSERVICE ELEVATION PLAN B			X	X
QF501-5	FOODSERVICE ELEVATION PLAN B,C			X	X
QF501-6	FOODSERVICE ELEVATION PLAN C			X	X
QF501-7	FOODSERVICE ELEVATION PLAN C			X	X
QF501-8	FOODSERVICE ELEVATION PLAN C			X	X
QF600-1	FOODSERVICE STANDARD DETAILS			X	X
QF600-2	FOODSERVICE STANDARD DETAILS			X	X
QF600-3	FOODSERVICE STANDARD DETAILS			X	X
QF600-4	FOODSERVICE STANDARD DETAILS			X	X
QF600-5	FOODSERVICE STANDARD DETAILS			X	X
QF600-6	FOODSERVICE STANDARD DETAILS			X	X
QF600-7	FOODSERVICE STANDARD DETAILS			X	X
QF700-1	FOODSERVICE REFRIGERATION SYSTEMS DRAWING			X	X
QF701-1	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-2	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-3	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-4	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF702-1	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-4	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-5	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-6	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-7	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-8	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-9	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-10	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-11	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-12	FOODSERVICE EXHAUST HOOD DETAIL			X	X
QF702-13	FOODSERVICE EXHAUST HOOD DETAIL			X	X
QF800-1	FLIGHT TYPER DISHWASHER DRAWING	X	X	X	X
QF800-2	ACCUMULATOR DRAWING	X	X	X	X
QF800-3	ACCUMULATOR DRAWING	X	X	X	X
QF800-4	POWER WASH POT SINK DRAWING	X	X	X	X
QF800-5	POWER WASH POT SINK DRAWING	X	X	X	X

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIARINI 023113 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

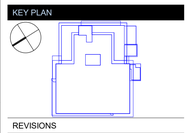
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
SHEET INDEX

SHEET NUMBER:
G-001

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 **SITE MAP**
SCALE: 1" = 80'

80' 0 80'
SCALE: 1"= 80'-0"

CONTRACTOR PARKING AND LAYDOWN AREA NOTES:

1. CONTRACTOR SHALL USE ROUTE 32 PARKING LOT FOR PARKING.
2. CONTRACTOR MAY UTILIZE ROUTE 32 PARKING LOT FOR ADDITIONAL LAYDOWN AREA. CONTRACTOR SHALL PROVIDE AND INSTALL 6' TALL STANCHION FENCING IN COMBINATION WITH SILT SOCK AROUND BASE OF FENCE. CONTRACTOR SHALL PROVIDE 20'WIDE DOUBLE SWING GATE FOR LAYDOWN AREA. CONTRACTOR SHALL NOT BLOCK ACCESS TO REST OF PARKING LOT AND KEEP LOT FREE OF DEBRIS.
3. CONTRACTOR SHALL NOT PARK ALONG THE FIRE ACCESS ROAD TO PEREGRINE DINING HALL. CONTRACTOR MAY USE SIDEWALKS WITHIN THEIR DESIGNATED FENCED AREA ALONG ROAD AS LAYDOWN AREA, HOWEVER, CONTRACTOR SHALL KEEP ACCESS ROAD CLEAN, CLEAR, AND UNOBSTRUCTED AT ALL TIMES FOR EMERGENCY ACCESS. CONTRACTOR SHALL PROVIDE DAISY CHAIN KEY FOR EMERGENCY ACCESS.
4. ALL DISMANTLED AND STORED SITE FURNISHINGS SHALL BE PROTECTED BY THE CONTRACTOR UNTIL REINSTALLATION.

LEGEND

- —UT— EXISTING UNDERGROUND COMMUNICATIONS
- —S— EXISTING UNDERGROUND SEWER DRAIN
- —D— EXISTING UNDERGROUND STORM DRAIN
- —G— EXISTING UNDERGROUND GAS LINE
- —E— EXISTING UNDERGROUND ELECTRIC
- —W— EXISTING UNDERGROUND WATER LINE
- EXISTING APPROXIMATE SITE CONTOUR
- EXISTING ELECTRICAL DUCTBANK
- EXISTING DECIDUOUS TREE TO REMAIN, AND PROTECTED FROM DAMAGE.
- EXISTING CONIFER TREE TO REMAIN, AND PROTECTED FROM DAMAGE.
- EXISTING STORM CATCH BASIN TO REMAIN, & PROTECTED FROM DAMAGE.
- EXISTING MANHOLE TO REMAIN, AND FULLY PROTECTED FROM DAMAGE.
- SB EXISTING SIGN TO REMAIN, AND PROTECTED FROM DAMAGE AS REQUIRED.
- EXISTING UNDERGROUND HIGH TEMP HOT WATER TUNNEL TO REMAIN.

GENERAL UTILITY CONSTRUCTION NOTES:

1. ALL EXISTING CONDITIONS HAVE BEEN SURVEYED OR DESIGNED BY OTHERS. NO WARRANTY OF THE ACCURACY OF THE LOCATIONS OF EXISTING SITE IMPROVEMENTS BY OTHERS AS SHOWN HEREON IS EXPRESSED OR IMPLIED BY WATTS ENGINEERS.
2. THE CONTRACTOR SHALL VERIFY ALL GRADES, ELEVATIONS AND DIMENSIONS IN THE FIELD. ANY DISCREPANCIES AND/OR CONFLICTS WITH OTHER EXISTING OR PROPOSED IMPROVEMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER FOR RESOLUTION.
3. THE CONTRACTOR SHALL RESTORE ALL EXISTING SITE IMPROVEMENTS TO THEIR ORIGINAL CONDITION AS NECESSARY INCLUDING EXISTING UTILITIES, LAWN AREAS, SIDEWALKS, PAVEMENT, CURBS, SIGNS, FENCES, ETC.
4. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING SITE UTILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DISRUPTION OF UTILITY SERVICES AND DAMAGE TO EXISTING SITE IMPROVEMENTS, INCLUDING UNDERGROUND UTILITIES, RESULTING FROM THE OPERATIONS IN EXECUTION OF THE WORK.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE WORK AREA AND PROVIDE SAFETY BARRIERS AROUND ANY AREAS OF INCOMPLETE WORK. MINIMUM REQUIREMENTS SHALL BE THAT ANY OPEN TRENCHES SHALL BE SURROUNDED BY CONTINUOUS FOUR-FOOT HIGH ORANGE PLASTIC CONSTRUCTION BARRIER FENCING OR COVERED WITH 1-INCH THICK STEEL PLATE.
6. WHERE EXCAVATIONS CROSS EXISTING UTILITIES THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED. TEMPORARY SUPPORTS SHALL BE REMOVED UPON COMPLETION OF BACKFILLING AND COMPACTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF STABLE TEMPORARY TRENCHES INCLUDING UTILIZATION OF TEMPORARY SHEETING, BRACING AND DEWATERING AS NECESSARY TO MAINTAIN TRENCH STABILITY AND SAFETY.
8. UTILITIES CONSTRUCTED IN FILL OR BACKFILL SHALL UTILIZE SELECT FILL MATERIAL COMPACTED TO 95% OF MAXIMUM DENSITY AT +/- 2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE MODIFIED PROCTOR METHOD (ASTM D1557). FILL OR BACKFILL MATERIAL SHALL BE PLACED PRIOR TO EXCAVATION OF UTILITY TRENCHES.
9. FINAL RESTORATION SHALL INCLUDE CLEARING OF DEBRIS FROM ALL EXISTING AND NEW MANHOLES AND JET-FLUSHING OF ALL EXISTING AND NEW STORM AND SANITARY SEWER LINES AFFECTED BY CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY DRAINAGE DURING CONSTRUCTION UTILIZING THE EXISTING OR PROPOSED CATCH BASINS WITH PUMP BYPASS LINES AS NECESSARY. OTHER TEMPORARY DRAINAGE METHODS MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

DEMOLITION NOTES:

1. PAVEMENT DEMOLITION SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING BASE MATERIAL DOWN TO EXISTING SUBGRADE.
2. EXISTING ASPHALT PAVEMENT TO BE REMOVED SHALL BE SAW-CUT AT THE LIMITS AS SHOWN ON THE PLANS. IN AREAS OF NEW CURBS AND SIDEWALKS SAW-CUT LIMITS SHALL BE A MINIMUM OF 1-FOOT CLEARANCE OUTSIDE OF NEW CURB OR SIDEWALK LINES (TYPICAL). ANY ADDITIONAL PAVEMENT REMOVAL FOR THE CONVENIENCE OF THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. ALL EXISTING CONCRETE TO BE REMOVED SHALL BE SAW CUT AT THE NEAREST JOINT, OR REMOVED AND REPLACED AT THE NEAREST EXPANSION JOINT AS NECESSARY, (COORDINATE WITH THE ARCHITECT).
4. EXISTING SITE FURNISHINGS, (BENCHES, SIGNS, ETC.) TO BE REMOVED SHALL BE DISMANTLED AND TEMPORARILY STORED ON-SITE FOR REUSE AS DIRECTED BY THE CONSTRUCTION MANAGER OR ARCHITECT. ALL SITE FURNISHINGS NOT TO BE REUSED SHALL BE DISPOSED OF BY THE CONTRACTOR.
5. EXISTING UNDERGROUND FACILITIES TO BE REMOVED SHALL BE EXCAVATED AND COMPLETELY REMOVED DOWN TO SUITABLE BEDDING MATERIAL OR SUBGRADE. ALL EXCAVATIONS OR VOIDS SHALL BE BACKFILLED AND COMPACTED WITH APPROVED EARTH OR SELECT MATERIAL AS SPECIFIED.
6. ALL EXISTING UNDERGROUND PIPES TO BE ABANDONED IN PLACE SHALL BE FILLED, CAPPED OR PLUGGED IN AN APPROVED MANNER.
7. ALL SITE DEMOLITION SHALL BE IN CONFORMANCE WITH THE PROJECT MANUAL AND TECHNICAL SPECIFICATIONS, SECTIONS ON SITE CLEARING AND SELECTIVE DEMOLITION.
8. ALL DEMOLITION DEBRIS SHALL BE TRANSPORTED OFF-SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE OWNER OR ARCHITECT. ALL TRANSPORTATION AND DISPOSAL COSTS INCLUDING ANY NECESSARY PERMITS AND FEES SHALL BE INCLUDED IN THE CONTRACT PRICE.

GENERAL SITE WORK NOTES

1. COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE.
2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED 0N THESE PLANS ARE TO MEET OR EXCEED THE STANDARD SPECIFICATIONS AS SPECIFIED IN THE CONTRACT PROJECT MANUAL.
3. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD LOCATIONS OF SURFACE STRUCTURES AND/OR RECORD PLANS AND IS APPROXIMATE AND INCOMPLETE. THE CONTRACTOR SHALL CONFIRM THE DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTACT DIG SAFELY NEW YORK (UFPO), 1-800-962-7962.
4. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING SITE UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISRUPTION OF UTILITY SERVICE AND DAMAGE TO EXISTING SITE FEATURES, INCLUDING UNDERGROUND UTILITIES, RESULTING FROM THEIR OPERATIONS IN EXECUTION OF THE WORK.
5. THE CONTRACTOR SHALL LOCATE MARK SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W MONUMENTS IN THE AREAS OF CONSTRUCTION.
6. REFERENCES TO N.Y.S.D.O.T. STANDARDS SHALL MEAN THE "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, OFFICE OF ENGINEERING, NEW YORK STATE DEPARTMENT OF TRANSPORTATION MAY 1, 2008" WITH ALL CURRENT ADDENDA.
7. DEMOLITION, STAGING AND GRADING SHALL BE KEPT WITHIN THE CONTRACT LIMIT LINE AS SHOWN ON THE PLANS. CONTRACTOR SHALL PROTECT EXISTING TREES AND VEGETATION DESIGNATED TO BE SAVED, BOTH INSIDE AND OUTSIDE THE CONTRACT LIMIT LINE.

GENERAL NOTES:

1. THESE PLANS ARE BASED ON EXISTING CONDITIONS MAPPING FROM TOPOGRAPHIC SURVEYING BY OTHERS. PRIOR TO EXCAVATIONS, VERIFY SUBSURFACE CONDITIONS BY PERFORMING A QUALITY LEVEL A SURVEY PER AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) INVESTIGATING AND DOCUMENTING EXISTING UTILITIES, ASCE/UESI/CI 38-22. THE CONTRACTOR SHALL VERIFY ALL GRADES, ELEVATIONS AND DIMENSIONS IN THE FIELD. ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION PRIOR TO CONTINUING WITH THE AFFECTED WORK.
2. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES. ANY ELEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. ALL SITE LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL COSTS FOR SITE LAYOUT SHALL BE INCLUDED IN THE CONTRACT PRICE.
4. OUTSIDE OF STAGING AREAS SHOWN, THE CONTRACTOR SHALL NOT STORE ANY CONSTRUCTION MATERIALS OR TRAILERS ON THE PAVEMENT OVERNIGHT.
5. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS INDICATED OTHERWISE.
6. THE CONTRACTOR SHALL COMPLY IN ALL RESPECTS TO THE INDUSTRIAL CODE PART (RULE NO.) 53 RELATING TO CONSTRUCTION, EXCAVATION AND DEMOLITION OPERATIONS AT OR NEAR UNDERGROUND FACILITIES, AS ISSUED BY THE STATE OF NEW YORK DEPARTMENT OF LABOR, BOARD OF STANDARD AND APPEALS.
7. WHERE SIDEWALK IS BEING REPLACED, THE WIDTH SHALL MATCH THE EXISTING SIDEWALK.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FRASER 001939 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

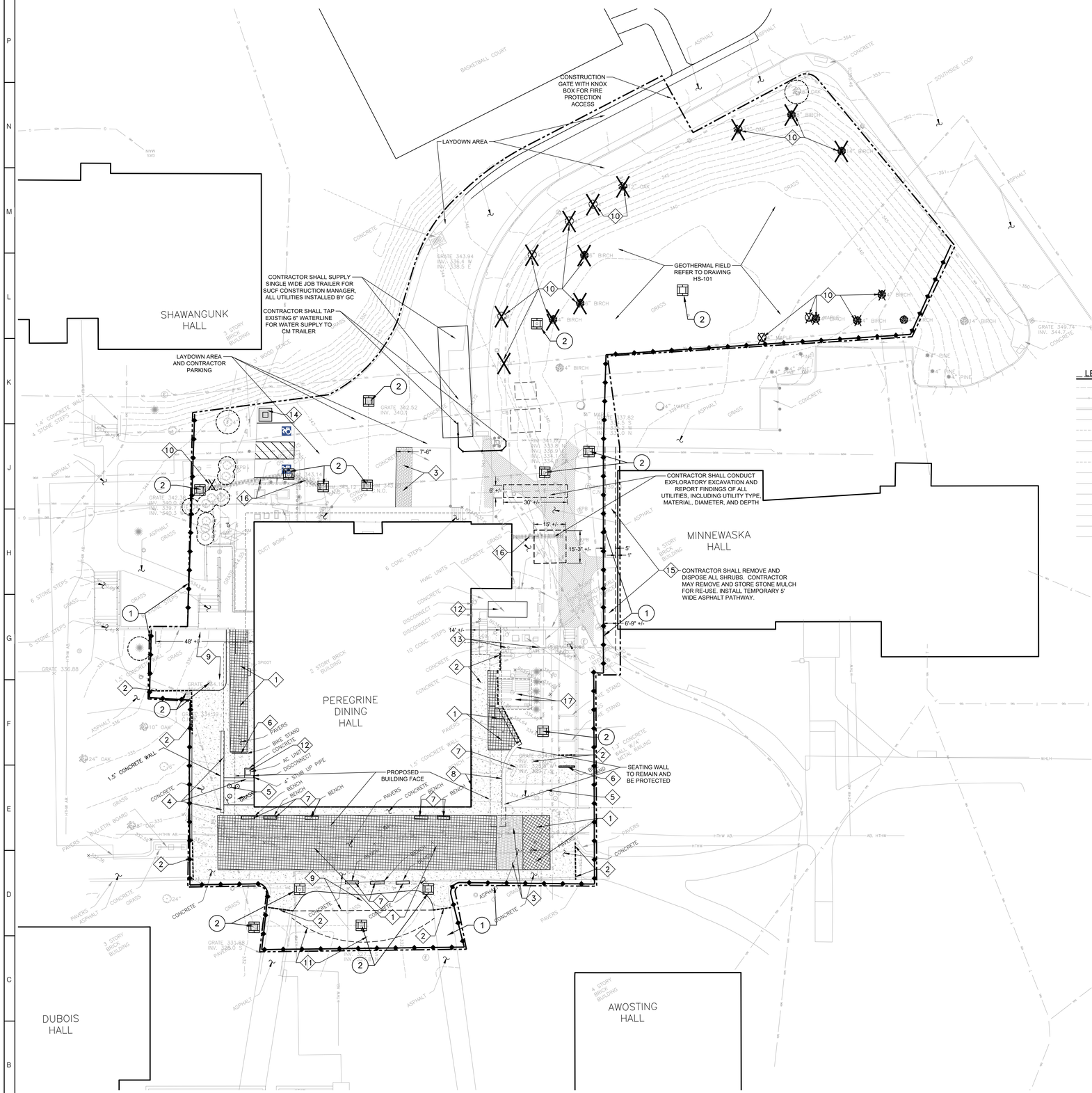
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
CONTRACTOR LAYDOWN AREA AND NOTES
SHEET NUMBER:
C-001

BID SET

R:\2023\20230058_Renovate Peregrine D\18. CADD\Civ\20230058 - C-001.dwg
Aug 12, 2026, 11:22am

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



A13 SITE PREPARATION PLAN

SCALE: 1" = 20'

20' 0 20'

SCALE: 1"= 20'-0"

EROSION CONTROL LEGEND (REFER TO C-501)

KEY#	FEATURE/ DETAIL REF.	SYMBOL
1	COMPOSITE SOCK/SILT FENCE	
2	INLET PROTECTION (TYPE VARIES)	
3	TEMPORARY TREE PROTECTION	
	PROJECT LIMITS (TEMP. CHAIN LINK FENCE)	

DEMOLITION NOTES:

X. EROSION CONTROL LEGEND (REFER TO C-501)

1. REMOVE EXISTING COLORED, STAMPED ASPHALT INCLUDING STONE BASE IN ITS ENTIRETY.
2. SAWCUT EXISTING CONCRETE SIDEWALK AT NEAREST JOINT AND REMOVE , INCLUDING STONE BASE, IN ITS ENTIRETY.
3. SAWCUT AND REMOVE ASPHALT PAVEMENT INCLUDING STONE BASE IN ITS ENTIRETY.
4. REMOVE CONCRETE WALL, INCLUDING FOOTER IN ITS ENTIRETY.
5. REMOVE EXISTING SHRUBS, LAWN AND TOPSOIL IN THEIR ENTIRETY.
6. REMOVE AND STORE BIKE RACKS FOR RE-USE.
7. REMOVE AND STORE BENCHES FOR RE-USE.
8. REMOVE HANDRAILS IN THEIR ENTIRETY.
9. STRIP TOPSOIL, REMOVE FROM SITE.
10. REMOVE TREE INCLUDING STUMP IN ITS ENTIRETY.
11. REMOVE SOD AND ROTOTILL SOIL
12. EXISTING AC UNIT AND HVAC UNIT TO BE REMOVED. REMOVE CONCRETE INCLUDING STONE BASE IN ITS ENTIRETY, REFER TO MECHANICAL PLANS FOR FURTHER INFORMATION.
13. REMOVE AND REPLACE IN KIND 8' TALL CHAIN LINK FENCE AND GATES TO REPLACE SANITARY SEWER
14. TEMPORARY CONCRETE WASH DOWN PIT; REFER TO DETAIL C18, C501.
15. TEMPORARY 5' WIDE ASPHALT PATHWAY. CONTRACTOR SHALL PROVIDE CLEAR ACCESS FROM BUILDING AT ALL TIMES.
16. REMOVE UNDERGROUND UTILITY
17. BIKE STORAGE AREA, INCLUDING RACKS, TO BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.

LEGEND

	CONTOUR LINE
	CHAIN LINK FENCE
	CURB LINE
	EDGE OF CONCRETE
	EDGE OF GRAVEL
	EDGE OF PAVEMENT
	PAINTED TRAFFIC LINES
	STORM SEWER
	ELECTRIC (UNDERGROUND) (RECORD)
	GAS (UNDERGROUND) (RECORD)
	SANITARY SEWER (RECORD)
	STEAM (UNDERGROUND) (RECORD)
	STORM SEWER (RECORD)
	TELEPHONE (UNDERGROUND) (RECORD)
	WATER (UNDERGROUND) (RECORD)
	STRUCTURE
BC 350.56 TC 351.07	BOTTOM/TOP OF CURB ELEVATION
BW 339.15 TW 339.91	BOTTOM/TOP OF WALL ELEVATION
D.S. 374.80	DOOR SILL ELEVATION
F.F. 374.77	FINISHED FLOOR ELEVATION
350.92	SPOT ELEVATION
	BOLLARD
	GATEPOST
	UTILITY POLE
	CATCH BASIN
	CURB INLET
	FIELD INLET (SQUARE)
	FIELD INLET (ROUND)
RD	ROOF DRAIN
CO	CLEAN OUT
OF	OIL FILL
V	VENT
D	MANHOLE (DRAIN)
E	MANHOLE (ELECTRIC)
S	MANHOLE (SAN. SEWER)
MH	MANHOLE (UNKNOWN)
W	MANHOLE (WATER)
	GAS VALVE
	WATER VALVE
	UNKNOWN VALVE
	HYDRANT
	STANDPIPE
	SIGN
	LIGHT POST
EPB	ELECTRIC PULLBOX
UPB	UNKNOWN PULLBOX
DWS	DETECTABLE WARNING SURFACE
CONC.	CONCRETE
C.L.F.	CHAIN LINK FENCE
C.N.M.	CANNOT MEASURE
RCP	REINFORCED CONCRETE PIPE
PVC	POLYVINYL CHLORIDE

DEMOLITION LEGEND

	CONCRETE PAVEMENT REMOVAL
	PAVER REMOVAL
	ASPHALT REMOVAL
	PAVEMENT SAWCUT
	UTILITY TO BE REMOVED
	PROJECT LIMITS
	TREE REMOVAL

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL 6' TALL STANCHION FENCING IN COMBINATION WITH SILT SOCK AROUND BASE OF FENCE AT THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE 20'WIDE DOUBLE SWING GATE FOR FIRE LANE ACCESS. CONTRACTOR SHALL NOT BLOCK LANE AT ANY TIME. CONTRACTOR SHALL COORDINATE WITH CAMPUS IF ADDITIONAL PARKING IS REQUIRED.
2. STORM DRAIN INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS. TYPE OF INLET PROTECTION MEASURES TO BE SELECTED BASED ON INDIVIDUAL FIELD CONDITIONS. INLET PROTECTION MEASURES MAY BE USED IN COMBINATION AS NECESSARY. CONTRACTOR SHALL CLEAN EXISTING CATCH BASINS PRIOR TO INSTALLING INLET PROTECTION.
3. EXISTING UTILITY MANHOLES IN CONSTRUCTION LIMITS SHALL BE COVERED AND SEALED TO PREVENT DAMAGE AND WATER ENTRY.
4. PROMPT PERMANENT SEEDING OF NEWLY CONSTRUCTED EARTH SLOPES WILL BE DONE AS SPECIFIED IN THE PROJECT MANUAL AND IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL. REVEGETATION AREAS SHALL BE MONITORED PERIODICALLY AND RESEEDED IF NECESSARY UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED.
5. EROSION AND EROSION CONTROL MEASURES WILL BE CONTINUOUSLY MONITORED AND EVALUATED BY THE CONTRACTOR DURING CONSTRUCTION, AND MAINTAINED AND MODIFIED AS NECESSARY.
6. CONSTRUCTION SEQUENCING: CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED BY THE CONTRACTOR WITH THE INTENT TO MINIMIZE THE AMOUNT OF EXPOSED DISTURBED AREA AT ANY ONE PERIOD, AND THE DURATION OF EXPOSURE. IN GENERAL, ONCE WORK HAS BEEN STARTED ON A PARTICULAR AREA, THIS WORK SHALL BE COMPLETED, TO THE EXTENT POSSIBLE, BEFORE WORK ON ANOTHER AREA IS STARTED. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO EVALUATE POTENTIAL EROSION HAZARDS AND TO USE TEMPORARY MEASURES TO STABILIZE ANY AREAS OF INCOMPLETE WORK.
7. PROVIDE CONCRETE MIXER WASH DOWN PITS AS REQUIRED. COORDINATE WITH CM AND ARCHITECT FOR LOCATION PRIOR TO IT BEING REQUIRED.

DEMOLITION GENERAL NOTES:

1. THE PURPOSE OF THIS PLAN IS TO IDENTIFY WHICH EXISTING SITE IMPROVEMENTS ARE TO REMAIN AND WHICH ARE TO BE DEMOLISHED. THE CONTRACTOR SHALL REVIEW THE DOCUMENTS IN THEIR ENTIRETY AND PERFORM REMOVALS AS REQUIRED TO COMPLETE THE WORK.
2. THIS PLAN IS BASED ON EXISTING CONDITIONS TOPOGRAPHIC BASE MAPPING FROM:
   A. A) TOPOGRAPHIC SURVEY, PREPARED BY TECTONIC ENGINEERING, DATED 12/05/23, JOB NUMBER 12279.01. THE BASIS OF BEARING AND SOURCE OF HORIZONTAL AND VERTICAL DATUM IS AS SHOWN THEREON.
3. COORDINATE START-UP AND ALL DEMOLITION ACTIVITIES WITH THE CONSTRUCTION MANAGER.
4. THE CONTRACTOR SHALL LOCATE MARK SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS IN THE AREAS OF DEMOLITION.
5. DEMOLITION SHALL BE KEPT WITHIN THE LIMITS SHOWN ON THE PLAN. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS AND VEGETATION OUTSIDE THE LIMITS OF DEMOLITION.

DEMOLITION NOTES:

1. PAVEMENT DEMOLITION SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING BASE MATERIAL DOWN TO EXISTING SUBGRADE.
2. EXISTING ASPHALT PAVEMENT TO BE REMOVED SHALL BE SAW-CUT AT THE LIMITS AS SHOWN ON THE PLANS. IN AREAS OF NEW CURBS AND SIDEWALKS SAW-CUT LIMITS SHALL BE A MINIMUM OF 1-FOOT CLEARANCE OUTSIDE OF NEW CURB OR SIDEWALK LINES (TYPICAL). ANY ADDITIONAL PAVEMENT REMOVAL FOR THE CONVENIENCE OF THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. ALL EXISTING CONCRETE TO BE REMOVED SHALL BE SAW CUT AT THE NEAREST JOINT, OR REMOVED AND REPLACED AT THE NEAREST EXPANSION JOINT AS NECESSARY, (COORDINATE WITH THE ARCHITECT).
4. EXISTING SITE FURNISHINGS, (BENCHES, SIGNS, ETC.) TO BE REMOVED SHALL BE DISMANTLED AND TEMPORARILY STORED ON-SITE FOR REUSE AS DIRECTED BY THE CONSTRUCTION MANAGER OR ARCHITECT. ALL SITE FURNISHINGS NOT TO BE REUSED SHALL BE DISPOSED OF BY THE CONTRACTOR. ANY DISMANTLED AND STORED SITE FURNISHINGS SHALL BE PROTECTED BY THE CONTRACTOR UNTIL REINSTALLATION.
5. EXISTING UNDERGROUND FACILITIES TO BE REMOVED SHALL BE EXCAVATED AND COMPLETELY REMOVED DOWN TO SUITABLE BEDDING MATERIAL OR SUBGRADE. ALL EXCAVATIONS OR VOIDS SHALL BE BACKFILLED AND COMPACTED WITH APPROVED EARTH OR SELECT MATERIAL AS SPECIFIED.
6. ALL EXISTING UNDERGROUND PIPES TO BE ABANDONED IN PLACE SHALL BE FILLED, CAPPED OR PLUGGED IN AN APPROVED MANNER.
7. ALL SITE DEMOLITION SHALL BE IN CONFORMANCE WITH THE PROJECT MANUAL AND TECHNICAL SPECIFICATIONS, SECTIONS ON SITE CLEARING AND SELECTIVE DEMOLITION.
8. ALL DEMOLITION DEBRIS SHALL BE TRANSPORTED OFF-SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE OWNER OR ARCHITECT. ALL TRANSPORTATION AND DISPOSAL COSTS INCLUDING ANY NECESSARY PERMITS AND FEES SHALL BE INCLUDED IN THE CONTRACT PRICE.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.280.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FRAZEN 001910 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

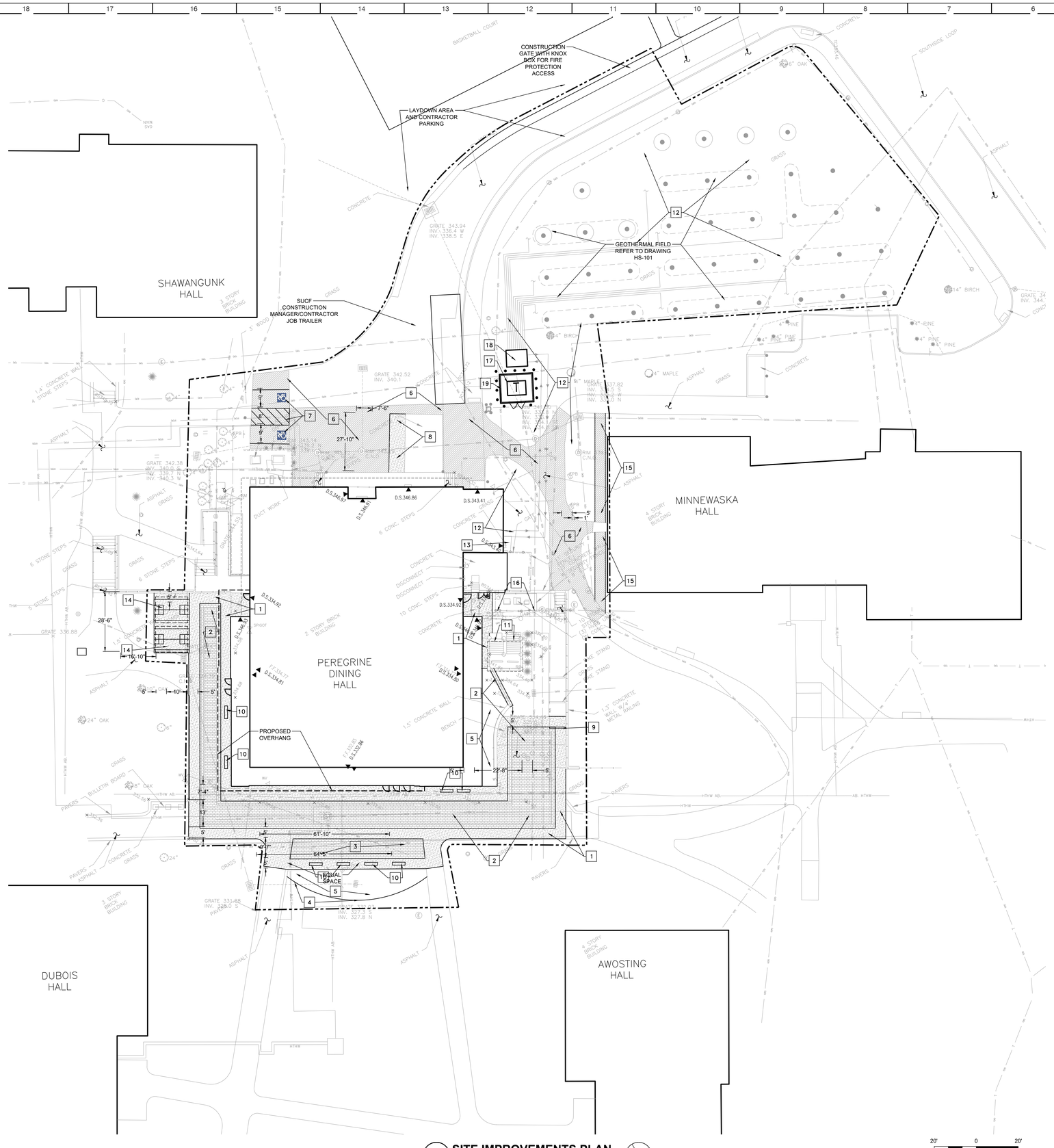
No.	Description	Date

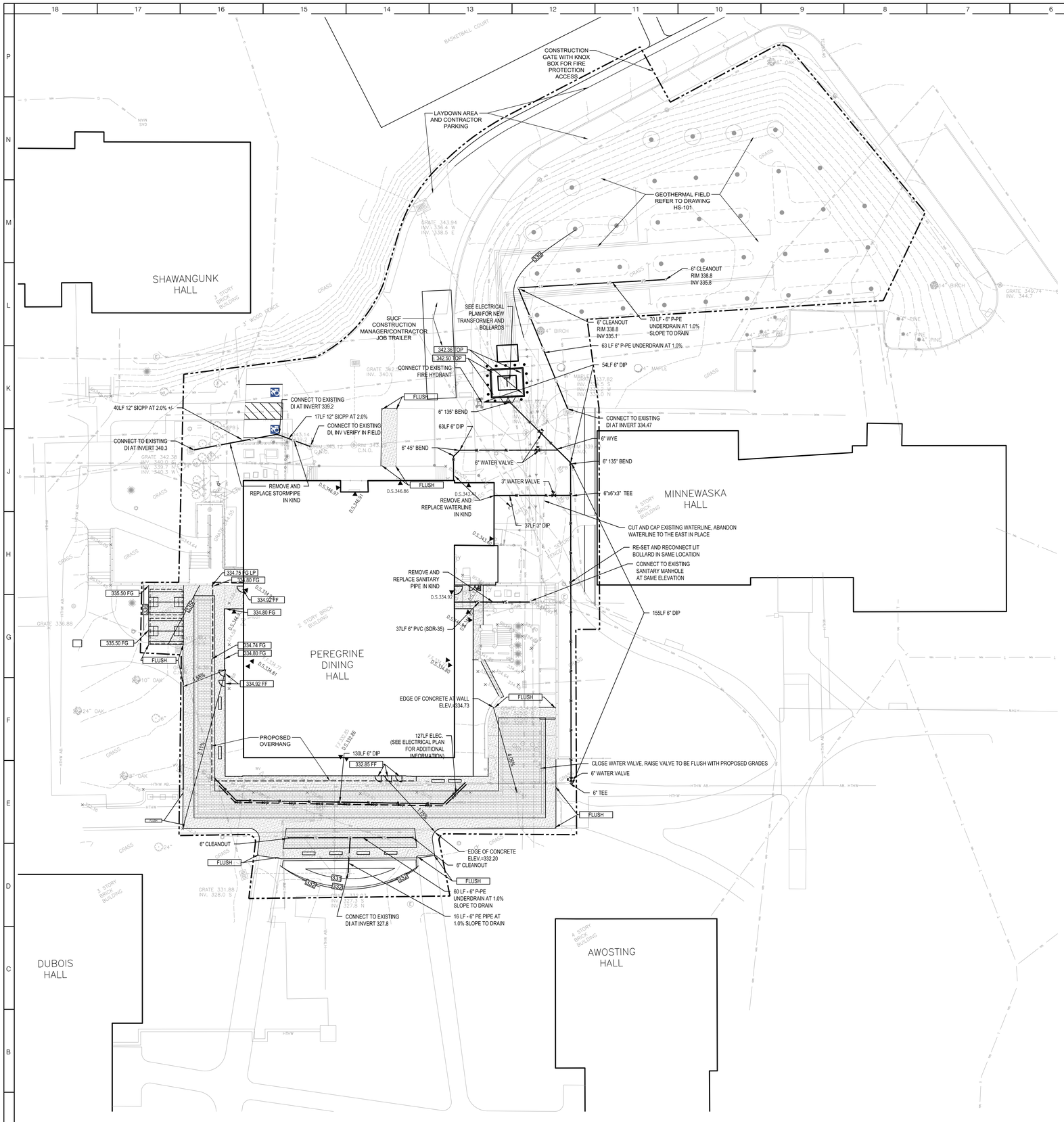
ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME: SITE PREPARATION PLAN
SHEET NUMBER: C-101

BID SET

R:\2023\2023058 Renovate Peregrine D:\18. CAD\Civ\v2023058 - Demo Plan.dwg
Aug 12, 2026, 11:20am

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC


CONSTRUCTION GATE WITH KNOX BOX FOR FIRE PROTECTION ACCESS
LAYDOWN AREA AND CONTRACTOR PARKING
GEOTHERMAL FIELD REFER TO DRAWING HS-101
SUCF CONSTRUCTION MANAGER/CONTRACTOR JOB TRAILER
PROPOSED OVERHANG
SHAWANGUNK HALL
MINNEWASKA HALL
PEREGRINE DINING HALL
DUBOIS HALL
AWOSTING HALL
BASKETBALL COURT
SOUTHSIDE LOOP
ASPHALT
CONCRETE
GRASS
PAVERS
BULLETIN BOARD
7'-6"
27'-10"
28'-6"
15'-10"
61'-10"
64'-5"
22'-8"
TYP. 5'
D.S.346.92
D.S.346.86
D.S.343.41
D.S.334.92
F.F.334.81
F.F.334.77
F.F.332.86
D.S.334.80
D.S.334.77
D.S.334.76
D.S.334.75
D.S.334.74
D.S.334.73
D.S.334.72
D.S.334.71
D.S.334.70
D.S.334.69
D.S.334.68
D.S.334.67
D.S.334.66
D.S.334.65
D.S.334.64
D.S.334.63
D.S.334.62
D.S.334.61
D.S.334.60
D.S.334.59
D.S.334.58
D.S.334.57
D.S.334.56
D.S.334.55
D.S.334.54
D.S.334.53
D.S.334.52
D.S.334.51
D.S.334.50
D.S.334.49
D.S.334.48
D.S.334.47
D.S.334.46
D.S.334.45
D.S.334.44
D.S.334.43
D.S.334.42
D.S.334.41
D.S.334.40
D.S.334.39
D.S.334.38



GRADING NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW EXISTING AND PROPOSED GROUND CONTOURS AND SPOT ELEVATIONS, FINISHED FLOOR ELEVATIONS, AND DRAINAGE FLOW PATTERNS. PROPOSED STORM SEWERS, STORM WATER INLETS, RECEIVERS, CATCH BASINS, LAWN DRAINS, SWALES ARE SHOWN FOR COORDINATION ONLY.
2. EMBANKMENT CONSTRUCTION AND PLACEMENT OF LOOSE FILL SHALL CONFORM TO THE FOLLOWING:
   - A. REMOVE ALL TOPSOIL, ORGANIC MATERIAL AND DEBRIS PRIOR TO PLACEMENT OF FILL.
   - B. PROOF ROLL EXISTING SUBGRADES AND REPLACE UNSUITABLE MATERIAL WITH APPROVED FILL. NO FILL MATERIAL SHALL BE PLACED IN WATER OR OVER FROZEN SUBGRADE.
   - C. ACCEPTABLE FILL MATERIAL FOR EMBANKMENTS AND BUILDING SUBGRADES SHALL BE SOILS CLASSIFIED AS UNIFIED SM, GM OR ML. NATIVE ON-SITE SOILS SHALL BE USED AT A MOISTURE CONTENT WHICH WILL ALLOW FOR OBTAINING THE REQUIRED DENSITY AFTER PLACEMENT AND COMPACTION. ORGANIC SOILS, WOODY MATERIAL, CONSTRUCTION DEBRIS OR LARGE BOULDERS SHALL NOT BE USED FOR FILL.
   - D. FILL SHALL BE PLACED AT A MAXIMUM LIFT THICKNESS NOT EXCEEDING A LOOSE MEASUREMENT OF SIX (6) INCHES. LAYERS SHOULD BE LEVEL AND FILL SHOULD BE PLACED SIMULTANEOUSLY ON BOTH SIDES OF THE AREA TO BE FILLED. COMPACT FILL SOILS TO 95% OF THE MAXIMUM MODIFIED PROCTOR BULK DENSITY AT +/- 2% OF THE OPTIMUM MOISTURE CONTENT, (LAWN AREAS SHOULD BE COMPACTED TO 85%).
   - E. PROVIDE FOR DRAINAGE OF SURFACE AND SUBSURFACE WATER AS SHOWN ON THE PLANS.
3. ALL AREAS WITHIN THE PROJECT LIMITS WHERE THERE IS NO PAVING OR STRUCTURES SHALL BE REGRADED, TOPSOILED AND SEEDED AS PER THE SPECIFICATIONS UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER OR ARCHITECT.
4. ALL DISTURBED EXISTING LAWN AREAS OUTSIDE THE PROPERTY/PROJECT LIMITS SHALL BE RESTORED TO THEIR PRE-EXISTING CONDITION.
5. ALL AREAS AROUND THE PERIMETER OF THE BUILDING SHALL BE GRADED TO DRAIN WATER AWAY FROM THE BUILDING. FINAL GRADING OF ALL EXTERIOR AREAS SHALL INCLUDE SWALES AS NECESSARY TO DIRECT SURFACE DRAINAGE TO TOWARDS RECEIVERS, OR THE FRONT OR REAR OF THE BUILDING, AS APPLICABLE.
6. ALL PROPOSED CURB HAS A 6-INCH REVEAL UNLESS INDICATED OTHERWISE.
7. ALL SIDEWALKS AND CONCRETE PADS SHALL HAVE A MINIMUM TRANSVERSE SLOPE OF 2.0% UNLESS INDICATED OTHERWISE.
8. KEY TO SPOT ELEVATION ABBREVIATIONS:

BC = BOTTOM OF CURB	EP = EDGE OF PAVEMENT
TC = TOP OF CURB OR TOP OF CONCRETE	
EC = EDGE OF CONCRETE	EW = EDGE OF SIDEWALK
CL = CENTERLINE	FG = FINISHED GRADE
TWALL = TOP OF WALL	BWALL = BOTTOM OF WALL
TS = TOP OF STAIRS	BS = BOTTOM OF STAIRS

SITE UTILITY NOTES

1. SANITARY PIPE FROM BUILDING TO EXISTING SANITARY MANHOLE; REFER TO DETAIL K11, C-503
2. STORM CLEANOUT; RE: K9, C-502
3. CLEANOUTS TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION. FLUSH CLEAN AT END OF CONSTRUCTION.
4. EXISTING CATCH BASIN TO REMAIN IN PLACE. ADJUST RIM AS NECESSARY TO BE FLUSH WITH ADJACENT GRADE. FLUSH CLEAN AT END OF CONSTRUCTION.
5. CONTRACTOR SHALL ADJUST ALL UTLITY RIMS TO BE FLUSH WITH PROPOSED GRADES.
6. NEW ELECTRICAL DUCT BANKS; REFER TO ELECTRICAL PLANS FOR SIZE AND QUANTITY

PROPOSED LEGEND

- NEW STORMLINE
- NEW ELECTRIC LINE
- NEW SANITARY LINE
- NEW WATER LINE
- CONCRETE PAVEMENT
- MILL AND OVERLAY 1.5" PAVEMENT
- STAMPED, COLORED ASPHALT OR PERVIOUS PAVERS (REFER TO NOTES)
- CONTRACT LIMIT LINE

LEGEND

- INDEX CONTOUR LINE
- CONTOUR LINE
- CHAIN LINK FENCE
- CURB LINE
- EDGE OF CONCRETE
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- PAINTED TRAFFIC LINES
- STORM SEWER
- ELECTRIC (UNDERGROUND) (RECORD)
- GAS (UNDERGROUND) (RECORD)
- SANITARY SEWER (RECORD)
- STEAM (UNDERGROUND) (RECORD)
- STORM SEWER (RECORD)
- TELEPHONE (UNDERGROUND) (RECORD)
- WATER (UNDERGROUND) (RECORD)
- STRUCTURE
- BOTTOM/TOP OF CURB ELEVATION (BC350.55 / TC351.07)
- BOTTOM/TOP OF WALL ELEVATION (BW339.15 / TW339.91)
- DOOR SILL ELEVATION (D.S. 334.80)
- FINISHED FLOOR ELEVATION (F.F. 334.77)
- SPOT ELEVATION (350.92)
- BOLLARD
- GATEPOST
- UTILITY POLE
- CATCH BASIN
- CURB INLET
- FIELD INLET (SQUARE)
- FIELD INLET (ROUND)
- ROOF DRAIN
- CLEAN OUT
- OIL FILL
- VENT
- MANHOLE (DRAIN)
- MANHOLE (ELECTRIC)
- MANHOLE (SAN. SEWER)
- MANHOLE (UNKNOWN)
- MANHOLE (WATER)
- GAS VALVE
- WATER VALVE
- UNKNOWN VALVE
- HYDRANT
- STANDPIPE
- SIGN
- LIGHT POST
- EPB — ELECTRIC PULLBOX
- UPB — UNKNOWN PULLBOX
- DWS — DETECTABLE WARNING SURFACE
- CONC. — CONCRETE
- C.L.F. — CHAIN LINK FENCE
- C.N.M. — CANNOT MEASURE
- RCP — REINFORCED CONCRETE PIPE
- PVC — POLYVINYL CHLORIDE

A10 SITE GRADING AND UTILITY PLAN
SCALE: 1" = 20'

20' 0 20'
SCALE: 1"= 20'-0"

ARCHITECT
ksq design
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT — ROBERT J. FRAZEN — 001080 — STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

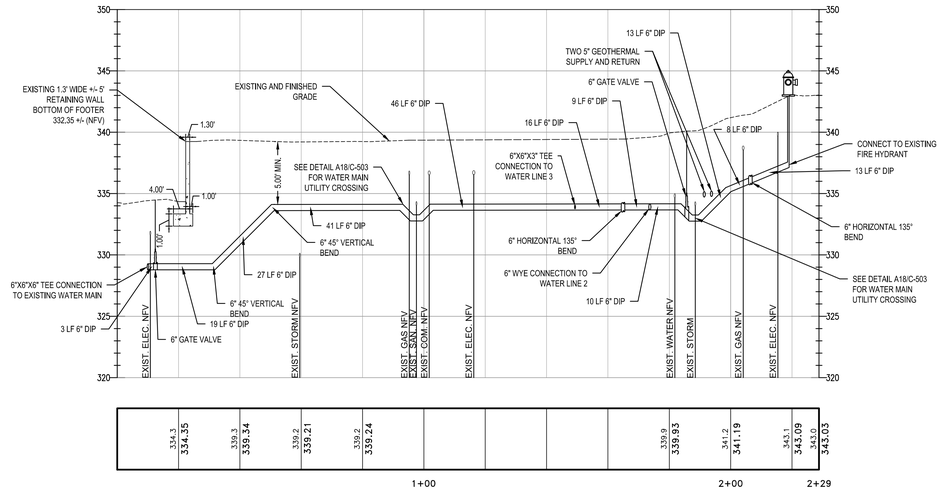
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME: SITE GRADING AND UTILITY PLAN
SHEET NUMBER: C-301

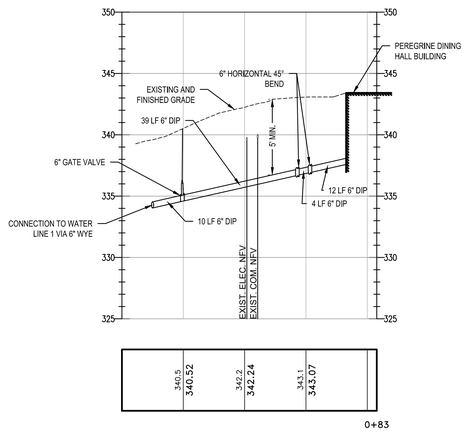
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

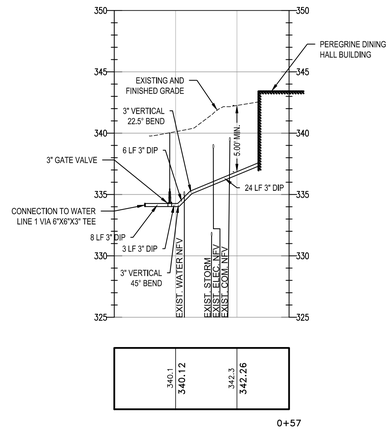
R:\2025\2023056 Renovate Peregrine D\18. CADD\Civ\20230056 - Grading-Utility Plan.dwg
Aug 12, 2026, 11:12am



1 WATER 1 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V



2 WATER 2 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V



3 WATER 3 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

4 WATER 4 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

5 STORM 1 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

6 STORM 2 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

7 STORM 3 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

8 STORM 4 PROFILE VIEW
SCALE: 1" = 20'; 1"=5'V

NOTES:
1. EXISTING STRUCTURES AND UTILITY CROSSINGS LABELED NFV ELEVATIONS ARE NOT FIELD VERIFIED. CONTRACTOR TO VERIFY DIMENSIONS AND DEPTHS OF ALL EXISTING STRUCTURES AND UTILITIES IN FIELD.
2. REFER TO DETAIL A18/C-503 FOR ALL EXISTING UTILITY CROSSINGS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FISCHER 001890 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

[redacted]

REVISIONS

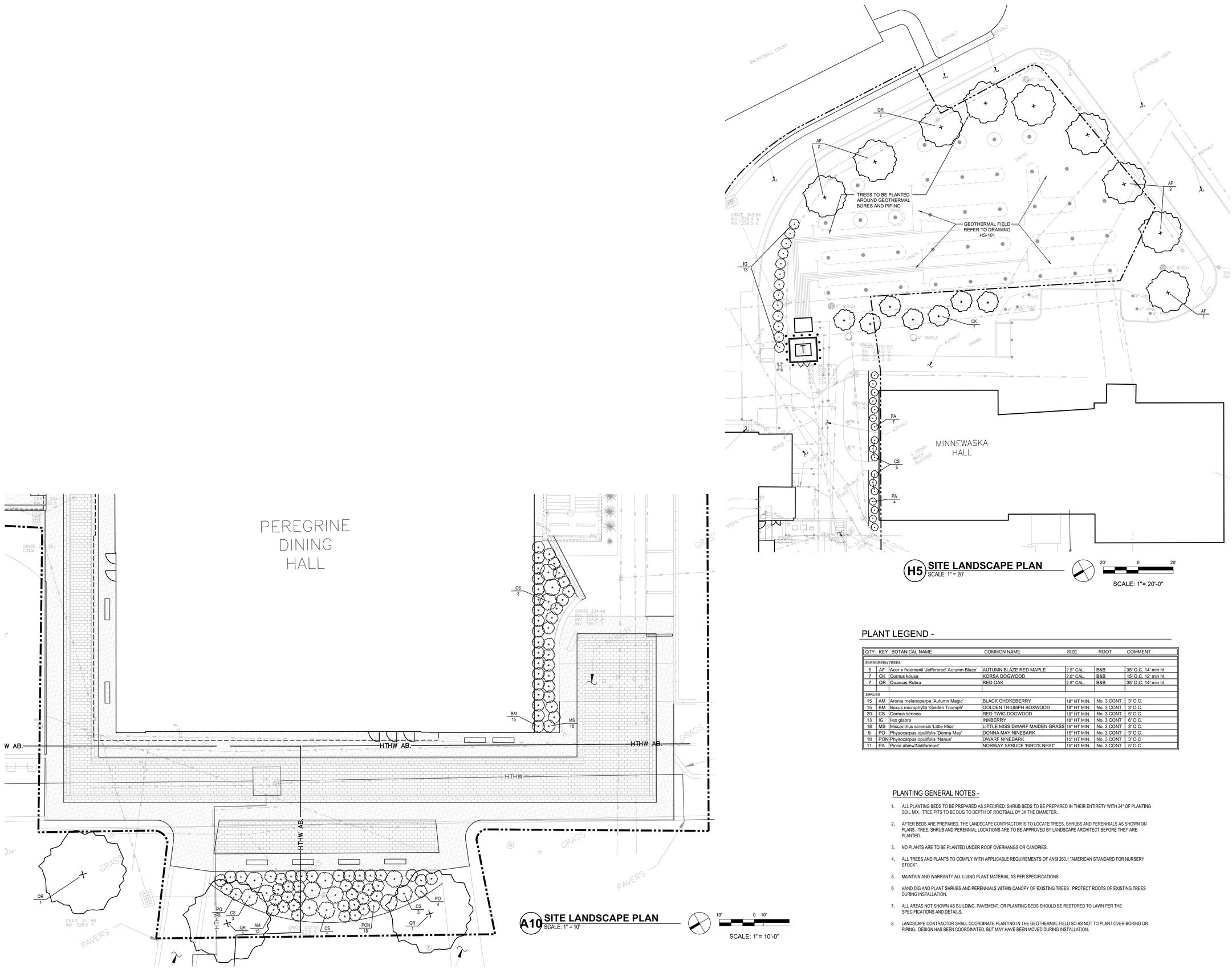
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
UTILITY PROFILES
SHEET NUMBER:
C-302

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

R:\2025\2025095\Renovate Peregrine D\18. CADD\Civ\20250958 - Profiles.dwg
Aug 12, 2026, 11:03am



H5 SITE LANDSCAPE PLAN
SCALE: 1" = 20'

20' 0 20'
SCALE: 1"= 20'-0"

A10 SITE LANDSCAPE PLAN
SCALE: 1" = 10'

10' 0 10'
SCALE: 1"= 10'-0"

PLANT LEGEND -

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENT
EVERGREEN TREES						
5	AF	Acer x freemanii 'Jeffersred' Autumn Blaze'	AUTUMN BLAZE RED MAPLE	2.5" CAL.	B&B	35' O.C. 14' min ht.
7	CK	Cornus kousa	KORSA DOGWOOD	2.0" CAL.	B&B	15' O.C. 12' min ht.
7	QR	Quarcus Rubra	RED OAK	2.5" CAL.	B&B	35' O.C. 14' min ht.
SHRUBS						
15	AM	Aronia melanoparpa 'Autumn Magic'	BLACK CHOKEBERRY	18" HT MIN.	No. 3 CONT.	3' O.C.
15	BM	Buxus microphylla 'Golden Triumph'	GOLDEN TRIUMPH BOXWOOD	18" HT MIN.	No. 3 CONT	3' O.C.
20	CS	Cornus sericea	RED TWIG DOGWOOD	18" HT MIN.	No. 3 CONT	5' O.C.
13	IG	Ilex glabra	INKBERRY	18" HT MIN.	No. 3 CONT	6' O.C.
18	MS	Miscanthus sinensis 'Little Miss'	LITTLE MISS DWARF MAIDEN GRASS	15" HT MIN	No. 3 CONT	3' O.C.
9	PO	Physocarpus opulifolis 'Donna May'	DONNA MAY NINEBARK	15" HT MIN.	No. 3 CONT	3' O.C.
18	PON	Physocarpus opulifolis 'Nanus'	DWARF NINEBARK	15" HT MIN.	No. 3 CONT	3' O.C.
11	PA	Picea abiew'Nidiformuis'	NORWAY SPRUCE 'BIRD'S NEST'	15" HT MIN.	No. 3 CONT	5' O.C.

PLANTING GENERAL NOTES -

1. ALL PLANTING BEDS TO BE PREPARED AS SPECIFIED: SHRUB BEDS TO BE PREPARED IN THEIR ENTIRETY WITH 24" OF PLANTING SOIL MIX. TREE PITS TO BE DUG TO DEPTH OF ROOTBALL BY 3X THE DIAMETER.
2. AFTER BEDS ARE PREPARED, THE LANDSCAPE CONTRACTOR IS TO LOCATE TREES, SHRUBS AND PERENNIALS AS SHOWN ON PLANS. TREE, SHRUB AND PERENNIAL LOCATIONS ARE TO BE APPROVED BY LANDSCAPE ARCHITECT BEFORE THEY ARE PLANTED.
3. NO PLANTS ARE TO BE PLANTED UNDER ROOF OVERHANGS OR CANOPIES.
4. ALL TREES AND PLANTS TO COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK".
5. MAINTAIN AND WARRANTY ALL LIVING PLANT MATERIAL AS PER SPECIFICATIONS.
6. HAND DIG AND PLANT SHRUBS AND PERENNIALS WITHIN CANOPY OF EXISTING TREES. PROTECT ROOTS OF EXISTING TREES DURING INSTALLATION.
7. ALL AREAS NOT SHOWN AS BUILDING, PAVEMENT, OR PLANTING BEDS SHOULD BE RESTORED TO LAWN PER THE SPECIFICATIONS AND DETAILS.
8. LANDSCAPE CONTRACTOR SHALL COORDINATE PLANTING IN THE GEOTHERMAL FIELD SO AS NOT TO PLANT OVER BORING OR PIPING. DESIGN HAS BEEN COORDINATED, BUT MAY HAVE BEEN MOVED DURING INSTALLATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FELDER 001910 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

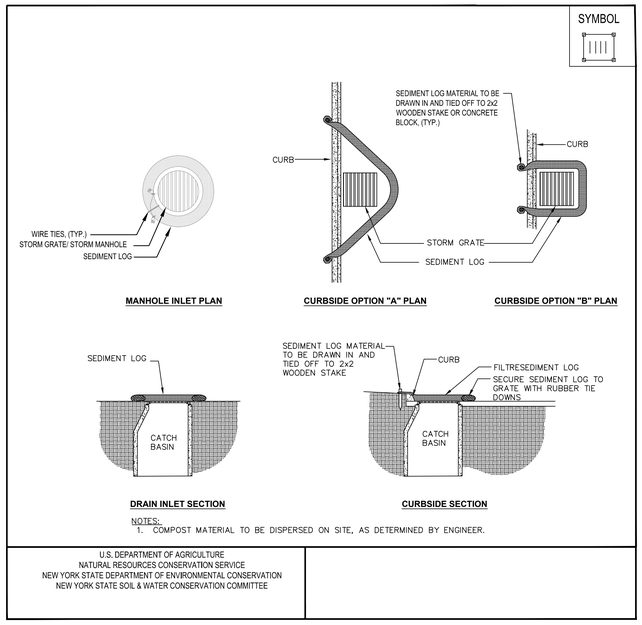
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
SITE LANDSCAPE PLAN
SHEET NUMBER:
C-401

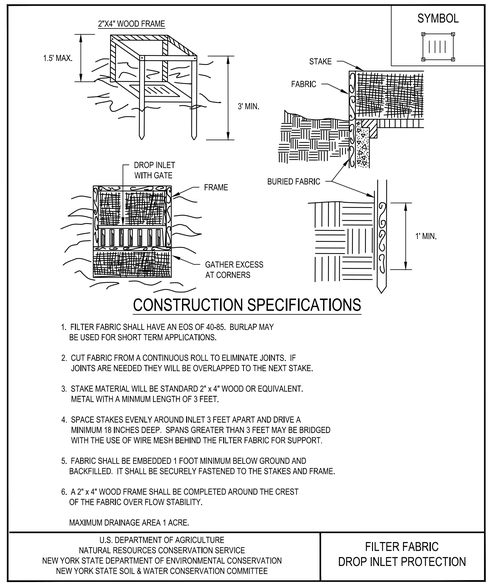
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

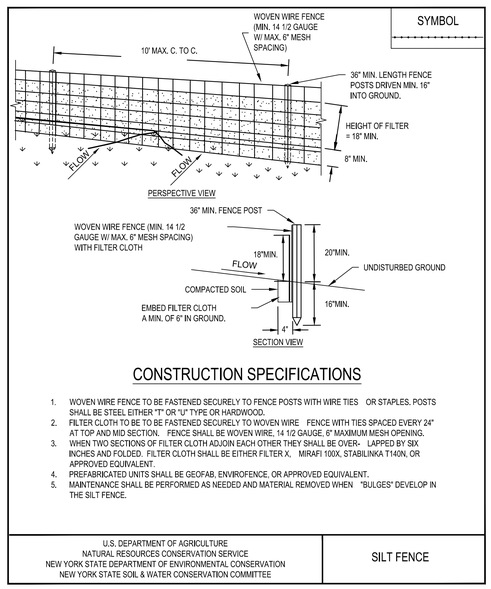
R:\2023\2023\0058 Renovate Peregrine D\18. CAD\Civ\20230058 - Landscape Plan.dwg
Aug 12, 2026, 11:01am



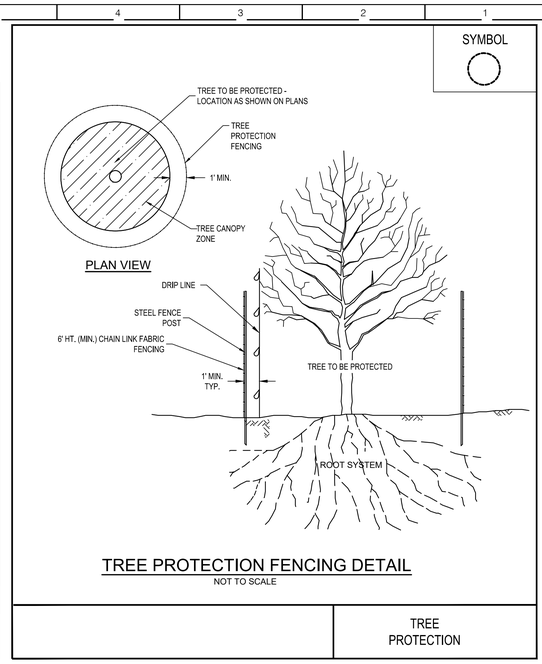
J18 PAVEMENT INLET PROTECTION
SCALE: NOT TO SCALE



J13 FILTER FABRIC DROP INLET PROTECTION
SCALE: NOT TO SCALE



J8 SILT FENCE
SCALE: NOT TO SCALE



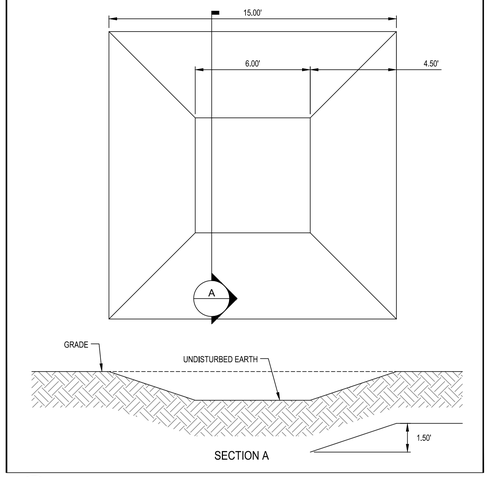
J4 TREE PROTECTION
SCALE: NOT TO SCALE

CONCRETE MIXER WASH DOWN

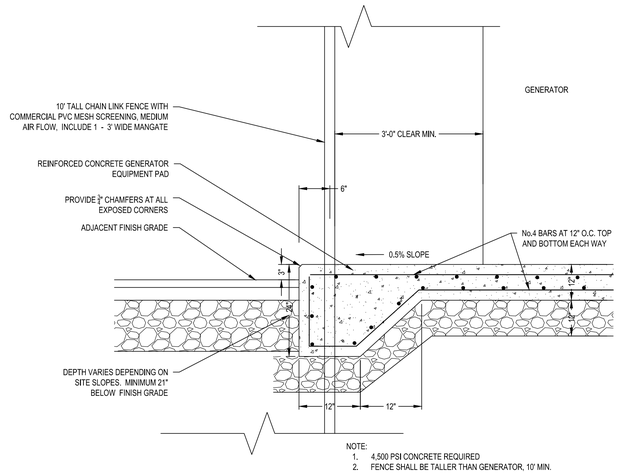
CONTRACTOR SHALL WASH DOWN CONCRETE DELIVERY VEHICLES OFF-SITE, EXCEPT UNDER THE FOLLOWING CONDITIONS:

1. ON-SITE WASH DOWN OF CONCRETE DELIVERY VEHICLES SHALL BE ALLOWED ONLY IN WASH DOWN PITS CONSTRUCTED AS SHOWN ON THE DRAWINGS.
2. WASH DOWN PITS SHALL BE EXCAVATED INSIDE THE DESIGNATED WORK LIMITS ONLY.
3. ALL WASH WATER SHALL BE DIRECTED INTO THE WASH DOWN PIT WHERE IT SHALL BE ALLOWED TO EVAPORATE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION, NUMBER, SIZE AND VOLUME OF WASH DOWN PITS NECESSARY TO CONTAIN THE REQUIRED VOLUME OF WASH DOWN WATER TO PREVENT SPILLAGE AND RUNOFF TO ROADS, UNCONTAMINATED LAWN AREAS, DRAINAGE STRUCTURES, MANHOLES OR WATERWAYS.

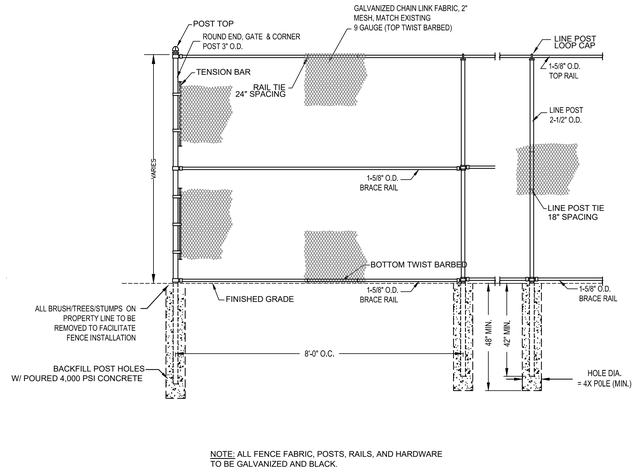
WHEN NO LONGER NEEDED, ACCUMULATED RESIDUE, SEDIMENT AND DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED. WASH DOWN PIT AREA SHALL THEN BE RESTORED TO ORIGINAL CONDITION OR AS REQUIRED FOR NEW CONSTRUCTION.



C18 TEMPORARY CONCRETE MIXER WASH DOWN PIT
SCALE: NOT TO SCALE



C10 CONCRETE TRANSFORMER PAD SECTION
SCALE: NOT TO SCALE



C4 CHAIN LINK FENCE
SCALE: NOT TO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FAZEN DPC 1999 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

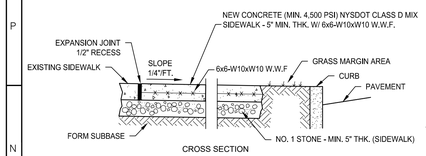
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
ESC DETAILS
SHEET NUMBER:
C-501

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

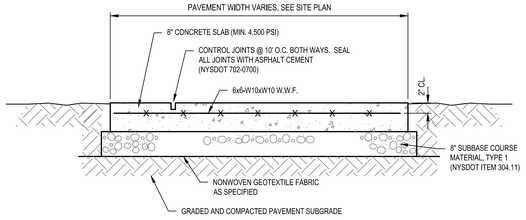
R:\2023\2023600\58 Renovate Peregrine\D18. CADD\Civ\20230058 - Details.dwg
Aug 12, 2026, 11:50am



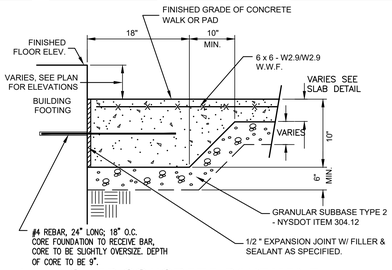
NOTES:
1. CONTROL JOINTS TO BE AT 5'-0" O.C. BOTHWAYS - SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS AND NYSDOT 705-07.
2. CONCRETE SIDEWALK AND DRIVEWAY MATERIAL SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 608-3.

M18 CONCRETE SIDEWALK DETAIL
NOT TO SCALE

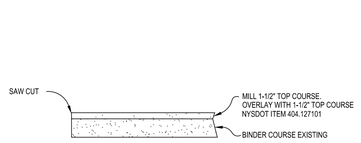
NOTE: CONCRETE PAVEMENT MATERIAL SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 608-3.



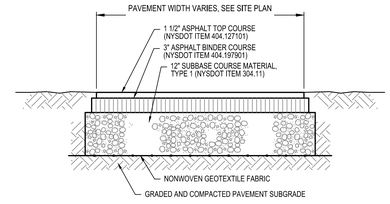
M14 HEAVY DUTY CONCRETE PAD
NOT TO SCALE



M10 HAUNCHED CONCRETE PAVEMENT BUILDING FOUNDATION JOINT DETAIL
SCALE: NOT TO SCALE

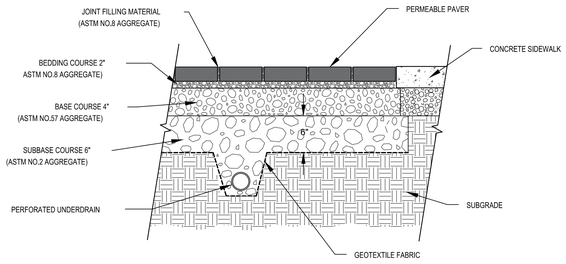


M6 MILL & OVERLAY
NOT TO SCALE



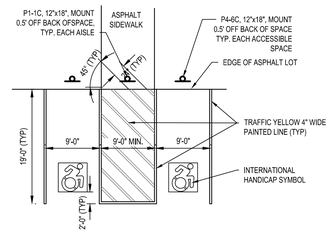
NOTE: CONSTRUCTION METHODS FOR ASPHALT PAVEMENT SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 401-3, WITH SUBBASE CONSTRUCTION METHODS CONFORMING TO NYSDOT STANDARD SPECIFICATION 304-3.

M3 ASPHALT PAVEMENT SECTION
NOT TO SCALE

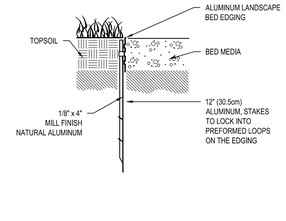


NOTES:
1. BELGARD AQUALINE 6"X12" PERMEABLE PAVER SHALL BE BASIS OF DESIGN, RUNNING BOND PATTERN.
2. COLOR SHALL BE SELECTED BY ARCHITECT FROM MANUFACTURERS PALETTE.

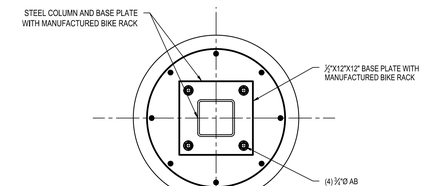
J18 PERMEABLE PAVER DETAIL
NOT TO SCALE



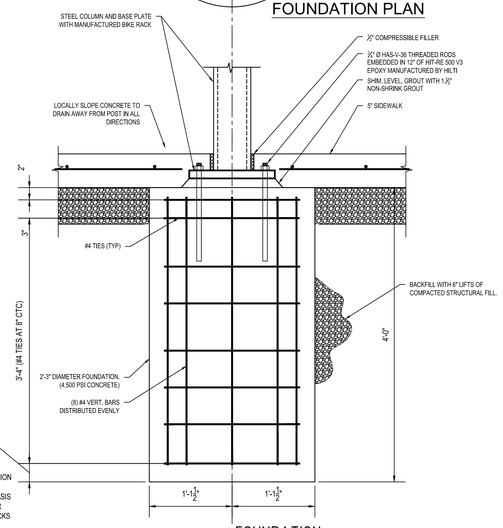
J14 HANDICAPPED PARKING LAYOUT
SCALE: NOT TO SCALE



J10 ALUMINUM LANDCSCAPE EDGING
SCALE: NOT TO SCALE



FOUNDATION PLAN

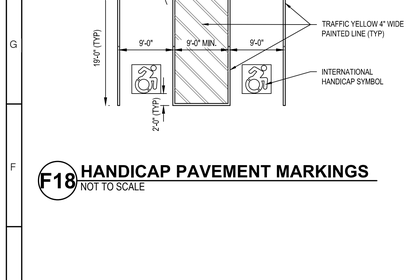


℄ FOUNDATION AND POST

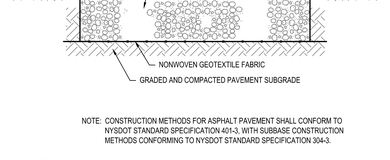
FOUNDATION ELEVATION

BIKE SHELTER NOTES:
1. DERO KOLO SHELTER, CAMPUS RACK BIKE RACKS IN LONG SECTION IS THE BASIS OF DESIGN.
2. DUO-GARD 'APEX' BICYCLE SHELTER MAY BE USED IN LIEU OF BASIS OF DESIGN ITEM, HOWEVER, CONCRETE PAD MUST BE 15" WIDER AND CONTRACTOR MUST PURCHASE AND INSTALL 24 U-BIKE RACKS PER CAMPUS STANDARDS.
3. VIZOR SHELTER WITH CAMPUS RACK MANUFACTURED BY AMERICAN BICYCLE SECURITY COMPANY MAY BE USED IN LIEU OF BASIS OF DESIGN ITEM, HOWEVER, CONTRACTOR MUST PURCHASE AND INSTALL 4 VIZOR SHELTERS.
4. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

E4 BIKE SHELTER FOUNDATION DETAIL
SCALE: NOT TO SCALE

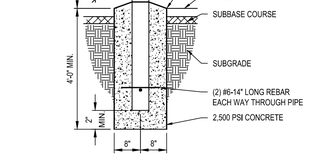


F18 HANDICAP PAVEMENT MARKINGS
NOT TO SCALE

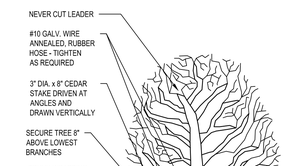


NOTE: CONSTRUCTION METHODS FOR ASPHALT PAVEMENT SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 401-3, WITH SUBBASE CONSTRUCTION METHODS CONFORMING TO NYSDOT STANDARD SPECIFICATION 304-3.

F14 TEMPORARY ASPHALT PATHWAY
SCALE: NOT TO SCALE

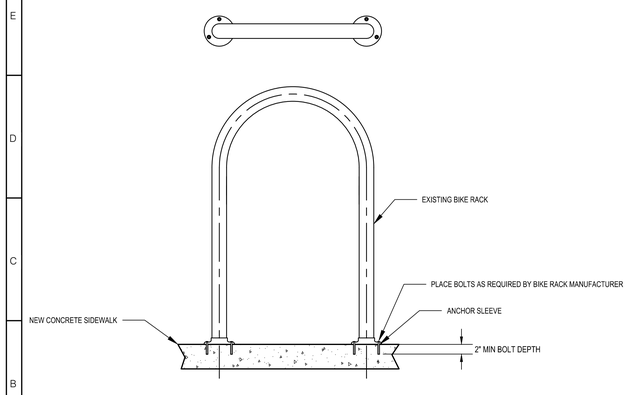


F10 FIXED GUARD BOLLARD
SCALE: NOT TO SCALE

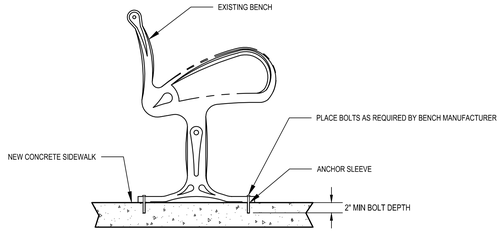


NOTES:
1. SCARIFY SIDES AND BOTTOM OR TREE PIT TO PREVENT GLAZING OF SUBGRADE.
2. TREE SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS IT DID IN THE NURSERY.

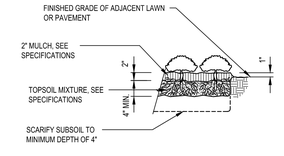
A7 TREE PLANTING DETAIL
SCALE: NOT TO SCALE



A18 BIKE RACK RELOCATION DETAIL
SCALE: NOT TO SCALE



A13 PARK BENCH RELOCATION
SCALE: NOT TO SCALE



A3 PERENNIAL PLANTING DETAIL
SCALE: NOT TO SCALE

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED LANDSCAPE ARCHITECT ROBERT J. FRASER 001990 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

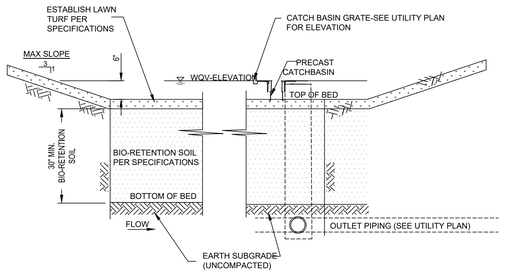
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
SITE DETAILS
SHEET NUMBER:
C-502

BID SET

R:\2023\2023030058 Renovate Peregrine D\18. CADD\Civil\20230058 - Details.dwg
Aug 12, 2026, 10:58am

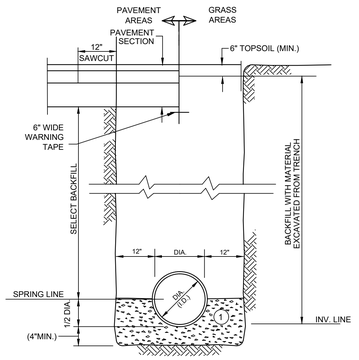
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



NOTES

1. REFER TO SOILS FOR EARTHWORK SPECIFICATIONS (310513) FOR BIO-RETENTION SOIL REQUIREMENTS.

K18 BIORETENTION STORMWATER TREATMENT SECTION
SCALE: NOT TO SCALE



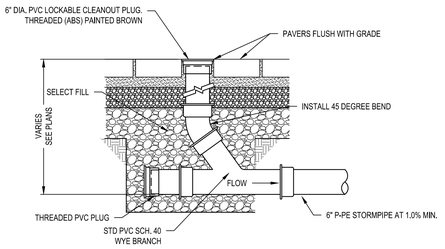
NOTES:
A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
C. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

(1) PIPE BEDDING MATERIAL (NYSDOT CURRENT STANDARDS)

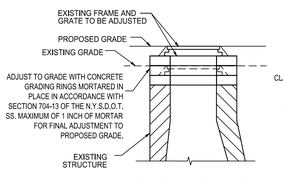
No. 1 CRUSHED STONE WITH A GRADATION CONFORMING WITH N.Y.S.D.O.T. SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL.

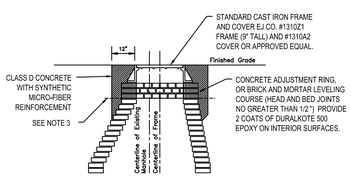
K12 STORM/SANITARY TRENCH DETAIL
SCALE: NOT TO SCALE



K9 STORM PIPE CLEANOUT
SCALE: NOT TO SCALE



EXISTING PRECAST MANHOLE

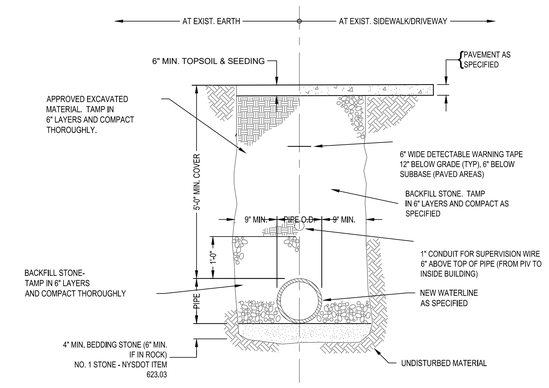


EXISTING BRICK MANHOLE

NOTES:

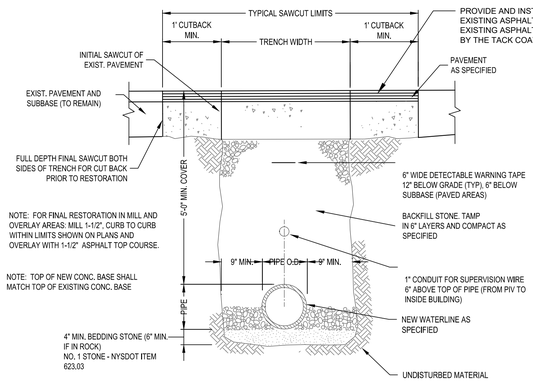
1. TAKE APPROPRIATE MEASURES TO PREVENT SURFACE WATER, MUD, DIRT AND OTHER FOREIGN MATERIAL FROM ENTERING SEWER SYSTEM DURING CONSTRUCTION, BY PLUGGING, PUMPING, BAILING AND OTHER WORK AS NECESSARY.
2. REMOVE/ ADD COURSES OF BRICK/BLOCK, OR INSTALL CONCRETE ADJUSTMENT RING, TO RETROFIT EXISTING/NEW MANHOLE FRAME AND COVER AT REQUIRED FINISHED GRADE.
3. LOWER LIMIT OF CLASS D CONCRETE ENCASEMENT IS TO BE AT, OR BELOW, LOWEST PORTION OF LEVELING COURSE.
4. BRICKS USED FOR FRAME LEVELING COURSE ARE TO BE ASTM C32, GRADE SS.
5. PRECAST CONCRETE TOP SLAB IS TO BE 8" THICK, WITH 24" DIAMETER HOLE LOCATED IN CENTER OF SLAB. SLAB IS TO BE DESIGNED FOR AASHTO H-20 HIGHWAY LOADING, AND UNDERSIDE OF SLAB PRE-COATED BY MANUFACTURER WITH RC-30. COAT SURFACE OF HOLE WITH 2 COATS OF DURALKOTE 500 EPOXY.

K4 ADJUST MANHOLE RIM TO GRADE
SCALE: NOT TO SCALE

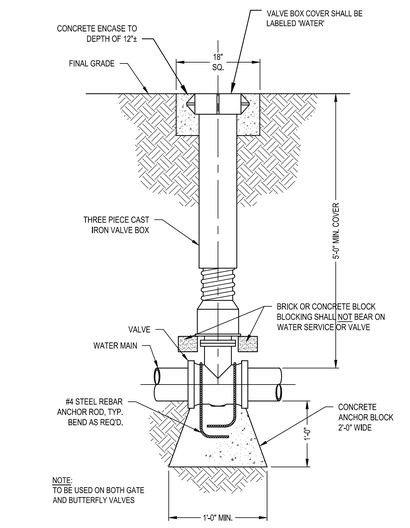


E18 TYP. WATERLINE TRENCH
SCALE: NOT TO SCALE

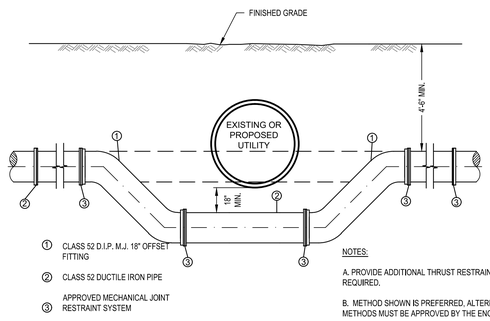
CONTRACTOR SHALL SAWCUT AREA AT LOCATION SHOWN TO A DEPTH OF 2" BELOW TOP OF EXISTING PAVING, THEN PROVIDE AND INSTALL NEW ASPHALT AS SHOWN IN DETAIL BELOW, AND CONTRACTOR SHALL MILL EXISTING ASPHALT ONE FOOT BEYOND SAWCUT TO PROVIDE A SEAMLESS TRANSITION BETWEEN NEW AND EXISTING PAVING SURFACES. SWEEP EXISTING SURFACES FREE OF DEBRIS BEFORE INSTALLATION OF NEW MATERIALS, AND ESPECIALLY BEFORE ANY RE-STRIPING WORK, IF ACCEPTED.



E11 WATERLINE TRENCH UNDER PAVEMENT
SCALE: NOT TO SCALE



E5 TYP. VALVE SETTING W/ANCHOR BLOCKING AND CONCRETE COLLAR
SCALE: NOT TO SCALE

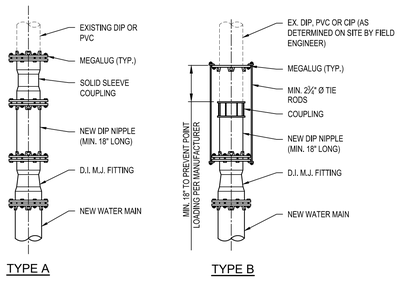


NOTES:

A. PROVIDE ADDITIONAL THRUST RESTRAINT AS REQUIRED.

B. METHOD SHOWN IS PREFERRED, ALTERNATIVE METHODS MUST BE APPROVED BY THE ENGINEER.

A18 TYP. WATERMAIN AT UTILITY CROSSING
SCALE: NOT TO SCALE



A11 TYP. CONNECTION TO EXISTING WATERMAIN
SCALE: NOT TO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

ROBERT J. FRAZER — LICENSED LANDSCAPE ARCHITECT — 001990 — STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

[redacted]

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME:
UTILITY DETAILS
SHEET NUMBER:
C-503

BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

R:\2022\20220058 Renovate Peregrine D18. CAD\Civ\20230058 - Details.dwg
Aug 12, 2026, 10:58am

ABBREVIATIONS

@	AT	INT	INTERIOR	T	TREAD
A/C	AIR-CONDITIONING	INV	INVERT	T&G	TONGUE AND GROOVE
AB	ANCHOR BOLT	INV EL	INVERT ELEVATION	TD	TRENCH DRAIN
ABC	AGGREGATE BASE COURSE			TEL	TELEPHONE
ACS	ACCESS PANEL	J-BOX	JUNCTION BOX	TERR	TERRAZZO
ACT	ACOUSTICAL CEILING TILE	JAN CLO	JANITOR CLOSET	THK	THICK(NESS)
ADJ	ADJACENT			TK BD	TACKBOARD
AFF	ABOVE FINISHED FLOOR	KD	KNOCKED DOWN	TMPD	TEMPERED
ALT	ALTERNATE	KIT	KITCHEN	TO	TOP OF
ALUM	ALUMINUM	KO	KNOCKOUT	TOB	TOP OF BEAM
ANOD	ANODIZED	KPL	KICK PLATE	TOC	TOP OF CURB / TOP OF CONCRETE
AUTO	AUTOMATIC			TOD	TOP OF DECK
		L	ANGLE	TOF	TOP OF FOOTING
BD	BOARD, BEAD	LAB	LABORATORY	TOM	TOP OF MASONRY
BFF	BELOW FINISHED FLOOR	LAM	LAMINATE	TOP	TOP OF PARAPET / TOP OF PAVEMENT
BLDG	BUILDING	LAV	LAVATORY	TOS	TOP OF STEEL
BLK(G)	BLOCK(ING)	LB	POUND	TOW	TOP OF WALL
BM	BEAM	LF	LINEAR FOOT	TPD	TOILET PAPER DISPENSER
BOT	BOTTOM	LG	LONG, LENGTH	TTB	TELEPHONE TERMINAL BOARD
BRG	BEARING	LH	LEFT HAND	TV	TELEVISION
BSMT	BASEMENT	LL	LIVE LOAD	TYP	TYPICAL
BU	BUILT-UP	LLH	LONG LEG HORIZONTAL		
		LLV	LONG LEG VERTICAL	UBC	UNIFORM BUILDING CODE
C	CHANNEL	LPT	LOW POINT	UGND	UNDERGROUND
C TO C	CENTER TO CENTER	LT	LIGHT	UL	UNDERWRITERS' LABROATORY
CA	CARD ACCESS	LT WT	LIGHTWEIGHT	UNFIN	UNFINISHED
CAB	CABINET	LVR	LOUVER	UNO	UNLESS NOTED OTHERWISE
CB	CATCH BASIN			UR	URINAL
CEM	CEMENT	MATL	MATERIAL		
CEM PLAS	CEMENT PLASTER	MAU	MAKE-UP AIR UNIT	V	VENT
CER	CERAMIC	MAX	MAXIMUM	VB	VAPOR BARRIER
CFCI	CONTRACTOR FURNISH/CONTRACTOR INSTAL	MB	MACHINE BOLT	VCP	VITRIFIED CLAY PIPE
CFM	CUBIC FEET PER MINUTE	MECH	MECHANICAL	VCT	VINYL COMPOSITION TILE
CG	CORNER GUARD	MED	MEDIUM, MEDICAL	VERT	VERTICAL
CI	CAST IRON	MEMB	MEMBRANE	VEST	VESTIBULE
CIP	CAST IRON PIPE, CAST-IN-PLACE	MEZZ	MEZZANINE	VIF	VERIFY IN FIELD
CJ	CONTROL JOINT	MFR	MANUFACTURER	VTR	VENT THROUGH ROOF
CKT	CIRCUIT	MH	MANHOLE	VWC	VINYL WALL COVERING
CL	CENTER LINE	MIN	MINIMUM		
CLNG	CEILING	MISC	MISCELLANEOUS	W	WEST / WIDE OR WIDTH / WASTE
CLR	CLEAR	MM	MILLIMETER	W/	WITH
CMP	CORRUGATED METAL PIPE	MO	MASONRY OPENING	W/O	WITHOUT
CMU	CONCRETE MASONRY UNIT	MOD	MODIFY	W/W	WALL TO WALL
CO	CLEAN-OUT	MR	MOISTURE-RESISTANT	WC	WATERCLOSET
COL	COLUMN	MTD	MOUNTED	WD	WOOD
COMB	COMBINATION	MTL	METAL	WDW	WINDOW
CONC	CONCRETE	MVBL	MOVABLE	WGL	WIRE GLASS
CONN	CONNECT			WH	WALL HUNG, WATER HEATER
CONSTR	CONTRUCTION	N	NORTH	WI	WROUGHT IRON
CONT	CONTINUE	NA	NOT APPLICABLE	WP	WATERPROOF
CORR	CORRIDOR	NEUT	NEUTRAL	WR	WATER RESISTANT
CPT	CARPET	NFPA	NATIONAL FIRE PROTECTION ASSOC.	WS	WEATHERSTRIP
CSK	COUNTER SUNK	NIC	NOT IN CONTRACT	WSCT	WAINSCOT
CT	CERAMIC TILE	NO	NUMBER	WT	WEIGHT
CU	CUBIC	NOM	NOMINAL	WW	WASTEWATER
CU FT	CUBIC FEET	NRC	NOISE REDUCTION COEFFICIENT		
CW	COLD WATER PIPING / CURTAIN WALL	NTS	NOT TO SCALE	YD	YARD
D	DEEP, DEPTH	OA	OVERALL		
DBL	DOUBLE	OC	ON CENTER		
DEMO	DEMOLISH	OD	OUTSIDE DIAMETER		
DEPT	DEPARTMENT	OF	OUTSIDE FACE		
DET	DETAIL	OF/CI	OWNER FURNISH / CONTRACTOR INSTALL		
DF	DRINKING FOUNTAIN	OF/OI	OWNER FURNISH / OWNER INSTALL		
DIA	DIAMETER	OFC	OFFICE		
DIAG	DIAGONAL	OH	OVERHANG		
DIM	DIMENSION	OPH	OPPOSITE HAND		
DISP	DISPENSER	OPNG	OPENING		
DMPF	DAMPPROOFING	OPP	OPPOSITE		
DR	DOOR	ORD	OVERFLOW ROOF DRAIN		
DS	DOWNSPOUT				
DWG	DRAWING	PAR	PARALLEL		
		PBD	PARTICLEBOARD		
E	EAST	PC	PIECE		
EA	EACH	PCC	PRECAST CONCRETE		
EF	EACH FACE	PCF	POUNDS PER CUBIC FOOT		
EIFS	EXT INSULATION AND FINISH SYSTEM	PER	PERIMETER		
EJ	EXPANSION JOINT	PERF	PERFORATE(D)		
EL	ELEVATION	PERP	PERPENDICULAR		
ELEC	ELECTRIC(AL)	PL	PROPERTY LINE		
ELEV	ELEVATOR	PLAM	PLASTIC LAMINATE		
EMER	EMERGENCY	PLAS	PLASTER		
EOS	EDGE OF SLAB	PLBG	PLUMBING		
EQ	EQUAL	PLF	POUNDS PER LINEAR FOOT		
EQUIP	EQUIPMENT	PLYWD	PLYWOOD		
EST	ESTIMATE	PNL	PANEL		
ETC	ETCETERA	PR	PAIR		
EW	EACH WAY	PREFAB	PREFABRICATED		
EWC	ELECTRIC WATER COOLER	PREFIN	PREFINISHED		
EXC	EXCAVATE(TION)	PSF	POUNDS PER SQUARE FOOT		
EXH	EXHAUST	PSI	POUNDS PER SQUARE INCH		
EXIST	EXISTING	PT	PAINT		
EXP	EXPANSION	PT	PRESSURE TREATED		
EXP BT	EXPANSION BOLT	PTD	PAPER TOWEL DISPENSER		
EXT	EXTERIOR	PTN	PARTITION		
		PTR	PAPER TOWEL RECEPTACLE		
FA	FIRE ALARM	PUR	PURLIN		
FACP	FIRE ALARM CONTROL PANEL	PVC	POLYVINYL CHLORIDE		
FCO	FLOOR CLEAN-OUT				
FD	FLOOR DRAIN	QT	QUARRY TILE		
FDTN	FOUNDATION	QTR	QUARTER		
FE	FIRE EXTINGUISHER	QTY	QUANTITY		
FEC	FIRE EXTINGUISHER CABINET				
FF EL	FINISHED FLOOR ELEVATION	R	RADIUS / RISER / ROUND		
FHC	FIREHOSE CABINET	RA	RETURN AIR		
FHR	FIREHOSE RACK	RB	RESILIENT BASE		
FIN	FINISH(ED)	RCP	REFLECTED CEILING PLAN		
FLASH	FLASHING	RD	ROOF DRAIN		
FLEX	FLEXIBLE	REC	RECESSED		
FLR	FLOOR	REF	REFERENCE		
FLUOR	FLUORESCENT	REINF	REINFORCE(D,ING)		
FM	FACTORY MUTUAL	REQD	REQUIRED		
FOW	FACE OF WALL	RESIL	RESILIENT		
FP	FIREPROOF	REV	REVISION / REVERSE		
FR	FIRE RETARDANT	RH	RIGHT HAND		
FRP	FIBERGLASS REINFORCED PANEL	RM	ROOM		
FT	FOOT, FEET	RO	ROUGH OPENING		
FUR	FURRING	ROW	RIGHT-OF-WAY		
FUT	FUTURE	RWL	RAINWATER LEADER		
G	GROUND	S	SOUTH		
GA	GAGE	SA	SUPPLY AIR		
GALV	GALVANIZED	SAP	SUSPENDED ACOUSTICAL PANEL		
GC	GENERAL CONTRACTOR	SC	SOLID CORE		
GFCR	GLASS FIBER REINFORCED CONCRETE	SCHED	SCHEDULE		
GI	GALVANIZED IRON	SD	STORM DRAIN		
GL	GLASS, GLAZING	SDG	SIDING		
GPM	GALLONS PER MINUTE	SECT	SECTION		
GYP	GYPSUM	SF	SQUARE FEET / STOREFRONT		
GYP BD	GYPSUM BOARD	SHR	SHOWER		
		SHT	SHEET		
H	HIGH	SHTHG	SHEATHING		
HB	HOSE BIBB	SIM	SIMILAR		
HC	HOLLOW CORE, HANDICAP	SM	SHEET METAL		
HD	HEAVY DUTY	SPCL	SPECIAL		
HDBD	HARDBOARD	SPEC	SPECIFICATION		
HDWD	HARDWOOD	SPKR	SPEAKER		
HDWR	HARDWARE	SQ	SQUARE		
HM	HOLLOW METAL	SS	SERVICE SINK / STAINLESS STEEL		
HORIZ	HORIZONTAL	ST	STREET		
HP	HORSE POWER	STD	STANDARD		
HT	HEIGHT	STOR	STORAGE		
HVAC	HEATING / VENTILATING / AIR-CONDITIONING	STRUCT	STRUCTURAL		
HW	HOT WATER	SUSP	SUSPENDED		
		SV	SHEET VINYL		
ID	INSIDE DIAMETER	SW	SWITCH		
IF	INSIDE FACE	SWR	SEWER		
IMP	INSULATED METAL PANEL	SYMM	SYMMETRICAL		
INCL	INCLUDED	SYS	SYSTEM		
INFO	INFORMATION				
INS	INSULATION				

ROOF PLAN LEGEND

- EXHAUST FAN
- ROOF DRAIN
- ROOF VENT
- ROOF HATCH
- ROOFTOP MECHANICAL EQUIPMENT
- ROOFTOP MECHANICAL EQUIPMENT
- THROUGH-WALL SCUPPER
- E.J. — EXPANSION JOINT COVER ASSEMBLY

FLOOR PLAN LEGEND

WALL TYPES:

- DEMOLITION
- NEW CONSTRUCTION

FIRE RATING WALL TYPES:

- 30 MIN FIRE BARRIER
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- TRAVEL DISTANCE

OTHER WALL-MOUNTED COMPONENTS:

- CORNER GUARDS
- FEC — FULL RECESSED FIRE EXTINGUISHER CABINET
- FEC — SEMI-RECESSED FIRE EXTINGUISHER CABINET
- FE — SURFACE MOUNTED FIRE EXTINGUISHER BRACKET
- DENOTES OVERHEAD FIRE SHUTTER
- EXPANSION JOINT

FLOOR-MOUNTED COMPONENTS:

- FLOOR DRAIN
- FLOOR SINK

CEILING PLAN LEGEND

- START POINT
- F — FIRE ALARM PULL STATION
- F — FIRE ALARM AUDIO/VISUAL DEVICE
- TD — HEAT/THERMAL DETECTOR
- OCCUPANCY SENSOR
- CEILING FAN
- VOICE ENHANCEMENT SPEAKER (CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
- INTERCOM (CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
- SUSPENDED ACOUSTICAL CEILING: 1'X1', 2'X2', & 2'X4' SYSTEMS
- TRACK LIGHTING
- SUSPENDED UPLIGHT
- SUSPENDED UPLIGHT
- STRIP LIGHTING FIXTURE LENGTH VARIES
- COVE LIGHT
- 30" DEEP RADIANT
- P — PHOTO CELL
- SD — SMOKE DETECTOR
- S — INTERCOM SPEAKER
- S — CLASSROOM SPEAKER
- A — AUDIO/VISUAL FIXTURE
- C — CAMERA
- V — TONE/VISUAL FIXTURE
- CT — CCTV SURVEILLANCE FIXTURE
- MS — MOTION SENSOR
- EXIT SIGN
- E — EMERGENCY LIGHT
- ACCESS PANEL (ACS)
- EXTERIOR LIGHT FIXTURE
- CEILING MOUNTED WALL PROJECTOR
- GYPSUM WALLBOARD, CEMENT OR GYP PLASTER
- EXPOSED STRUCTURE
- EXISTING TO REMAIN
- WOOD T&G CEILING
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- RETURN REGISTER
- EXHAUST GRILLE
- FORCE AIR DIFFUSER
- SIDE WALL DIFFUSER
- 2' X 4' LIGHT FIXTURE
- 2' X 2' LIGHT FIXTURE
- 1' X 2' LIGHT FIXTURE
- 1' X 1' LIGHT FIXTURE
- LIGHT FIXTURE LENGTH VARIES
- WALL MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED DOWNLIGHT

ANNOTATION LEGEND

- TITLE / 12" = 1'-0" / A1 — VIEW TITLE
- A1 / A101 — BUILDING ELEVATION
- A1 / A101 — INTERIOR ELEVATION
- 1 / A101 — BUILDING SECTION
- 1 / A101 — WALL SECTION
- A1 / A101 — DETAIL
- PATTERN DIRECTION
- ROOM NAME / 101 — ROOM NAME & NUMBER
- 101A — DOOR NUMBER
- HM-X — FRAME TYPE
- A — WINDOW TYPE
- A — CURTAIN PANEL TYPE
- A0 — WALL TYPE
- LEVEL 100'-0" — ELEVATION
- X'- XX" — CEILING HEIGHT (AFF)
- 1 / A — COLUMN GRID
- 1 — REVISION CLOUD & DELTA
- PT-X / RB-X / VCT-X — WALL FINISH / BASE FINISH / FLOOR FINISH
- PT-X — DESIGNATED WALL FINISH
- VCT-X — DESIGNATED FLOOR FINISH
- XXX / XXX — MILLWORK COUNTERTOP/SPLASH MILLWORK WALL OR BASE CABINETS
- ACCESSIBLE ROOMS WITH MOBILITY FEATURES
- ACCESSIBLE ROOMS WITH COMMUNICATION FEATURES
- NORTH ARROW

MATERIAL LEGEND

- EARTH
- GLASS
- AGGREGATE BASE COURSE
- SAND, MORTAR, GYP BD, GROUT, PLASTER
- CONCRETE
- CONCRETE MASONRY UNIT
- BRICK
- STEEL
- RIGID INSULATION
- BATT INSULATION
- ACOUSTICAL PANEL
- PLYWOOD, OSB
- FINISH WOOD
- DIMENSIONAL LUMBER, CONTINUOUS
- DIMENSIONAL LUMBER BLOCKING
- EXISTING

GENERAL ARCHITECTURAL...

1. EXTERIOR DIMENSIONS GIVEN TO THE EXTERIOR FACE OF FRAMING (STUDS). DIMENSIONS TO INTERIOR PARTITIONS ARE TO THE FACE OF STUD OR CMU UNLESS NOTED "CLR" OR NOTED OTHERWISE.
2. LARGE SCALE DETAILS AND PLANS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.
3. ALL ITEMS ARE CONSIDERED TO BE "NEW" UNLESS NOTED OTHERWISE.
4. COORDINATE AND VERIFY ALL DIMENSIONS, OPENINGS AND CONDITIONS WITH CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL AND ALL OTHER PERTINENT DRAWINGS AND TRADES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF DISCREPANCIES AS SOON AS POSSIBLE.
5. DO NOT SCALE DRAWINGS.
6. ALL DETAILS ARE TYPICAL, INCORPORATE INTO PROJECT AT APPROPRIATE LOCATIONS WHETHER SPECIFICALLY INDICATED OR NOT.
7. HINGE SIDE OF ALL DOORS ARE LOCATED 3" (OR 2 STUDS) FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
8. THE DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY DOCUMENT AND NEITHER TAKE PRECEDENT OVER THE OTHER. CONFLICTS IN SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
9. THIS SET OF DRAWINGS INDICATES GENERAL SCOPE OF THE PROJECT. THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT. ON BASIS OF SCOPE INDICATED OR DESCRIBED, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
10. ALL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF APPLICABLE LOCAL, STATE, AND FEDERAL CODES OR REGULATIONS.
11. ALL NEW CONSTRUCTION SHALL MEET CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
12. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES BEFORE PROCEEDING WITH EXCAVATION, TRENCHING OR SIMILAR WORK. THESE DRAWINGS DO NOT CERTIFY THE EXISTENCE OF UTILITIES WHICH MAY BE PRESENT BUT UNRECORDED OR UNDETECTED.
13. PROVIDE LINTELS OR HEADERS AS REQUIRED OR DIRECTED OVER OPENINGS PENETRATED BY MECHANICAL EQUIPMENT.
14. PROVIDE MIN. 2X6 FIRE RETARDANT WOOD OR STEEL PLATE BLOCKING BETWEEN STUDS AT MOUNTING LOCATIONS FOR TOILET ACCESSORIES, HANDRAILS, GUARDRAILS, MILLWORK AND OTHER WALL MOUNTEDITEMS.
15. PROVIDE CODE COMPLIANT NON-COMBUSTIBLE BLOCKING, SUPPORTS, ETC., FOR SECURE INSTALLATION OF WALL MOUNTED ITEMS. CONTRACTOR TO DETERMINE TYPE OF BLOCKING AND ANCHORING AS REQUIRED TO SUIT INSTALLATION AND WALL CONDITION. REFER TO ARCHITECTURAL DRAWINGS FOR STANDARD DETAILS AND MOUNTING HEIGHTS.
16. PROVIDE SECURE AND PERMANENT ANCHORAGE FOR CEILING FURRING AND OTHER CEILING MOUNTED ITEMS, SEISMIC REQUIREMENTS APPLY.
17. PROVIDE FIRE STOPPING AT ALL PENETRATIONS OF WALLS AND FLOORS AS SPECIFIED IN SPEC SECTION - FIRESTOPPING.
18. ALL SUBSTITUTIONS OF MATERIALS AND ASSEMBLIES MUST BE APPROVED BY ARCHITECT IN ACCORDANCE WITH DIVISION 1 SPECIAL CONDITIONS.
19. CONTRACTOR IS REQUIRED TO PROVIDE CONTROL AND EXPANSION JOINTS IN ALL ASSEMBLIES PER SPECIFICATION.
20. CONTRACTOR SHALL PROVIDE ACCESS TO ALL FIRE DAMPERS AND SPRINKLER HEADS.
21. ALL PIPING, DUCTWORK AND CONDUIT TO BE CONCEALED UNLESS NOTED OTHERWISE.
22. ALL EXISTING SITE COMPONENTS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. ALL DAMAGED SURFACES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AS REQUIRED BY THE OWNER'S REP.
23. SITE SURVEY IS PROVIDED BY OTHERS AND IS INCLUDED FOR INFORMATION ONLY. ALL CONDITIONS TO BE FIELD VERIFIED BY CONTRACTOR.
24. CONTRACTOR SHALL MAINTAIN SITE DRAINAGE DURING CONSTRUCTION.
25. CONTRACTOR SHALL MAINTAIN A CLEAN AND SECURE SITE AS REQUIRED BY DIVISION 1 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS.
26. VERIFY THE FOLLOWING WITH THE RESPECTIVE TRADES:
    A. SIZES AND LOCATIONS FOR BACKING/BLOCKING REQUIRED FOR MOUNTING MECH. AND / OR ELEC. EQUIPMENT
    B. SIZES AND LOCATIONS OF MECH. AND/OR ELEC. PENETRATIONS
    C. CUTTING AND PATCHING FOR WORK REQUIRED BY MECH. AND / OR ELEC.
27. HOT WATER LINES AND DRAIN LINES UNDERNEATH ACCESSIBLE SINKS SHALL BE INSULATED.
28. PROVIDE SPRAY-ON TYPE FIREPROOFING FOR ALL STRUCTURAL STEEL FRAMING AS REQUIRED, EXCEPT AT EXPOSED STEEL, UNO.
29. PROVIDE SEISMIC SPLAY WIRES & PROVIDE COMPRESSION STRUTS FOR ACOUSTICAL TILE & GYP BD SUSPENSION SYSTEMS.
30. ALL CONSTRUCTION SHALL COMPLY TO RESPECTIVE SEISMIC REQUIREMENT. SEE STRUCT DRAWINGS FOR SEISMIC CHARACTERISTICS.
31. EXPOSED ENDS OF ALL PROJECTING ELEMENTS SUCH AS SILLS, LEDGES & SIMILAR COMPONENTS FABRICATED IN METAL, STONE & OTHER MATERIALS SHALL BE FINISHED SAME AS FACE.
32. FOR SPRAY-APPLIED AND INTUMESCENT FIRE PROTECTION SCOPE, REFER TO SCHEDULE AT END OF SECTION 07 81 23 INTUMESCENT FIREPROOFING

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUADRINI 023113 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

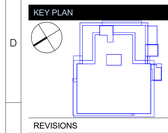
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: GENERAL NOTES / ABBREVIATIONS / LEGENDS AND SYMBOLS
SHEET NUMBER: G-031

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

303 CHANGES IN LEVEL

NOT TO SCALE

NOTES:

303.2. VERTICAL. CHANGES IN LEVEL BETWEEN 1/4" (6.4 MM) HIGH MINIMUM AND 1/2 INCH (13MM) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4" (6.4 MM) HIGH MINIMUM AND 1/2" (13 MM) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
ADVISORY 303.3 BEVELED. A CHANGE IN LEVEL OF 1/2" (13 MM) IS PERMITTED TO BE 1/4" (6.4 MM) VERTICAL PLUS 1/4" (6.4 MM) BEVELED. HOWEVER, IN NO CASE MAY THE COMBINED CHANGE IN LEVEL EXCEED 1/2" (13 MM). CHANGES IN LEVEL EXCEEDING 1/2" (13 MM) MUST COMPLY WITH 405 (RAMPS) OR 406 (CURB RAMPS)

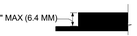


FIG. 303.2 VERTICAL CHANGE IN LEVEL



FIG. 303.3 BEVELED CHANGE IN LEVEL

304 TURNING SPACE

NOT TO SCALE

NOTES:

304.2. FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY 302. CHANGES IN LEVEL ARE NOT PERMITTED.
EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

304.3.1 CIRCULAR SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60" (1525) DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.

304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE PER FIGURE 304.3.2. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM



FIG. 304.3.2 T-SPACE TURNING SPACE

305 CLEAR FLOOR OR GROUND SPACE

NOT TO SCALE

NOTES:

305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.

305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE "CLEAR FLOOR SPACE" SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.

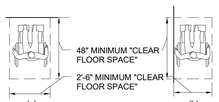


FIG. 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE



FIG. 305.3 CLEAR FLOOR OR GROUND SPACE

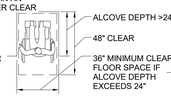


FIG. 305.7.1 FORWARD APPROACH

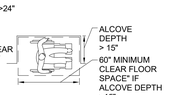


FIG. 305.7.2 PARALLEL APPROACH

MANEUVERING CLEARANCE IN AN ALCOVE FORWARD AND PARALLEL APPROACH

306 KNEE AND TOE CLEARANCE

NOT TO SCALE

NOTES:

KNEE AND TOE CLEARANCE.
306.2 TOE CLEARANCE.
306.2.1 GENERAL SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9" (230 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.2.
306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25" (635 MM) MAXIMUM UNDER AN ELEMENT.
306.2.3. MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17" (430 MM) MINIMUM UNDER AN ELEMENT.
306.2.4. ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6" (150 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9" (230 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.

306.3 KNEE CLEARANCE.
306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9" (230 MM) AND 27" (685 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH 306.3.
306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25" (635 MM) MAXIMUM UNDER AN ELEMENT AT 9" (230 MM) ABOVE THE FINISH FLOOR OR GROUND.
306.3.3 MINIMUM REQUIRED DEPTH. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11" (280 MM) DEEP MINIMUM AT 27" (685 MM) ABOVE THE FINISH FLOOR OR GROUND.
306.3.4 CLEARANCE REDUCTION. BETWEEN 9" (230 MM) AND 27" (685 MM) ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1" (25 MM) IN DEPTH FOR EACH 6" (150MM) IN HEIGHT.
306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30" (760 MM) WIDE MINIMUM.

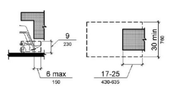


FIG. 306.2 TOE CLEARANCE

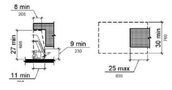


FIG. 306.3 KNEE CLEARANCE

307 PROTRUDING OBJECTS

NOT TO SCALE

NOTES:

307.2 PROTRUSION LIMITS OBJECTS WITH LEADING EDGES MORE THAN 27" (685 MM) AND NOT MORE THAN 80" (2030) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" (100 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION .
EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 1/2" (115 MM) MAXIMUM.

307.3. POST MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLON SHALL OVERHANG CIRCULATION PATHS 12" (305 MM) MAXIMUM WHEN LOCATED 27" (685 MM) MINIMUM AND 80" (2030 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE THE POST AND PYLONS IS GREATER THEN 12" (305 MM), THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27" (685 MM) MAXIMUM OR 80" (2030 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
EXCEPTION: THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY WITH 307.3.

307.4. VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80" (2030 MM) HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80" (2030 MM) HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27" (685 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78" (19980 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.



FIG.307.2 LIMITS OF PROTRUDING OBJECTS

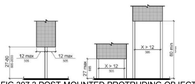


FIG.307.3 POST-MOUNTED PROTRUDING OBJECTS

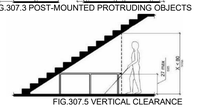


FIG.307.5 VERTICAL CLEARANCE

308 REACH RANGES

NOT TO SCALE

NOTES:

308.2 FORWARD REACH
308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15" (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

308.2.2 OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE OF LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES (510 MM), THE HIGH FORWARD REACH SHALL BE 44 INCHES (1120 MM) MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES (635 MM) MAXIMUM.

308.3. SIDE REACH.
308.3.1 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48" (1220 MM) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (255 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES (255 MM) MAXIMUM, THE HIGH SIDE REACH SHALL BE 46 INCHES (1170 MM) MAXIMUM FOR A REACH DEPTH OF 24 INCHES (610 MM) MAXIMUM.
EXCEPTION 1: AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10" (255 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND. 308.3.2. OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR GROUND OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL NE 34" (865 MM) MAXIMUM AND THE DEPTH SHALL BE 24" (255 MM) MAXIMUM. THE HIGH SIDE OF REACH SHALL BE 48" (1220 MM) MAXIMUM FOR A REACH DEPTH OF 10" (255 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10" (255 MM), THE HIGH SIDE REACH SHALL BE 46" (1170 MM) MAXIMUM FOR A REACH DEPTH OF 24" (610 MM) MAXIMUM.
EXCEPTION: 1. THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36" (915 MM) MAXIMUM ABOVE THE FINISH FLOOR.
2. OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54" (1370 MM) MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS.

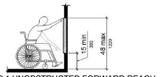


FIG. 308.2.1 UNOBSTRUCTED FORWARD REACH

FIG. 308.2.2 OBSTRUCTED HIGH FORWARD REACH

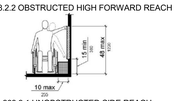


FIG. 308.3.1 UNOBSTRUCTED SIDE REACH

FIG. 308.3.2 OBSTRUCTED HIGH SIDE REACH

402 ACCESSIBLE ROUTES

NOT TO SCALE

NOTES:

402.1. GENERAL. ACCESSIBLE ROUTES SHALL COMPLY WITH 402.
402.2. COMPONENTS. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF CHAPTER 4.

403 WALKING SURFACES

NOT TO SCALE

NOTES:

403.1. GENERAL. WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 403.

403.2. FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.

403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.

403.4. CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 303.

403.5. CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCE COMPLYING WITH 403.5.
EXCEPTION: WITHIN EMPLOYEE WORK AREAS, CLEARANCES ON COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREASE IS ESSENTIAL TO THE FUNCTION OF THE WORK BEING PERFORMED.

403.5.1. CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2. AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36" (915 MM) MINIMUM.
EXCEPTION: THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" (815 MM) MINIMUM FOR A LENGTH OF 24" (610 MM) MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" (1220 MM) LONG MINIMUM AND 36" (915 MM) WIDE MINIMUM.

403.5.2. CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48" (1220 MM) WIDE, CLEAR WIDTH SHALL BE 42" (1065 MM) MINIMUM APPROACHING THE TURN, 48" (1220 MM) MINIMUM AT THE TURN AND 42" (1065 MM) MINIMUM LEAVING THE TURN.
EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60" (1525 MM) MINIMUM COMPLIANCE WITH 403.5.2 SHALL NOT BE REQUIRED.

403.5.3. PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60" (1525 MM) SHALL PROVIDE SPACES AT INTERVALS OF 200' (61M) MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60" (1525 MM) MINIMUM BY 60" (1525 MM) MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF T-SHAPED SURFACES PROVIDING A T-SPACE EXTEND 48" (1220 MM) MINIMUM BEYOND THE INTERSECTION.
403.6 HANDRAILS. WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL COMPLY WITH 505.

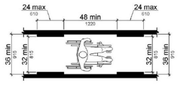


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

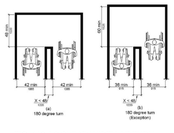


FIG. 403.5.2 CLEAR WIDTH AT TURN

404 DOORS, DOORWAYS, AND GATES

NOT TO SCALE

NOTES:

404.2.2. DOUBLE-LEAF DOORS AND GATES. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 404.2.3 AND 404.2.4.

404.2.3. CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32" (815 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOORS AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24" (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36" (915 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34" (865 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" (865 MM) AND 80" (2030 MM) ABOVE THE FINISH FLOOR OR SHALL NOT EXCEED 4" (100 MM).
EXCEPTION: 1. IN ALTERATIONS, A PROJECTION OF 5/8" (16 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. **2.** DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78" (1980 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

404.2.4.1. SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1.

404.2.4.2. DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THEN 36" (915 MM) WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.2.

404.2.4.3. RECESSED DOORS AND GATES. MANEUVERING CLEARANCE FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18" (455 MM) OF LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8" (205 MM) BEYOND THE FACE OF THE DOORWAY PROJECTS MORE THAN 8" (205 MM) BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.
ADVISORY 404.2.4.3 RECESSED DOORS AND GATES. A DOOR CAN BE RECESSED DUE TO WALL THICKNESS OR BECAUSE OF THE PLACEMENT OF CASEWORK AND OTHER FIXED ELEMENTS ADJACENT TO THE DOORWAY. THIS PROVISION MUST BE APPLIED WHEREVER DOORS ARE RECESSED.

404.2.5. THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2" (13 MM) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.
EXCEPTION: EXISTING OR ALTERED THRESHOLDS 3/4" (19 MM) HIGH MAXIMUM THAT HAVE A BEVELED EDGE ON EACH SIDE WITH A SLOPE NOT STEEPER THAN 1:2 SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.5.

404.2.6. DOORS AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48" (1220 MM) MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.

404.2.7. DOOR AND GATE HARDWARE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" (865 MM) MINIMUM AND 48" (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES
EXCEPTIONS: 1. EXISTING LOCKS SHALL BE PERMITTED IN ANY LOCATION AT EXISTING GLAZED DOORS WITHOUT STILES, EXISTING OVERHEAD ROLLING DOORS OR GRILLES, AND SIMILAR EXISTING DOORS OR GRILLES THAT ARE DESIGNED WITH LOCKS THAT ARE ACTIVATED ONLY AT THE TOP OR BOTTOM RAIL. **2.** ACCESS GATES IN BARRIER WALLS AND FENCES PROTECTING POOLS, SPAS, AND HOT TUBS SHALL BE PERMITTED TO HAVE OPERABLE PARTS OF THE RELEASE OF LATCH ON SELF-LATCHING DEVICES AT 54" (1370 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND PROVIDED THE SELF-LATCHING DEVICES ARE NOT ALSO SELF LOCKING DEVICES AND OPERATED BY MEANS OF A KEY, ELECTRONIC OPENER, OR INTEGRAL COMBINATION LOCK.
ADVISORY 404.2.7 DOOR AND GATE HARDWARE. DOOR HARDWARE THAT CAN BE OPERATED WITH A CLOSED FIST OR A LOOSE GRIP ACCOMMODATED THE GREATEST RANGE OF USERS. HARDWARE THAT REQUIRES SIMULTANEOUS HAND AND FINGER MOVEMENTS REQUIRE GREATER DEXTERITY AND COORDINATION, AND IS NOT RECOMMENDED.

404.2.8.1. DOOR CLOSERS AND GATE CLOSERS. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.

404.2.9. DOOR AND GATE OPENING FORCE. FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS AND GATES SHALL BE AS FOLLOWS
1. INTERIOR HINGED DOORS 5 POUNDS (22.2 K) MAXIMUM.
2. SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 K) MAXIMUM.
3. EXTERIOR HINGED DOORS SHALL BE DESIGNED SO THAT SUCH DOORS CAN BE PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEEDING 8.5 POUNDS (37.8 K).

405 RAMPS

NOT TO SCALE

NOTES:

405.2. SLOPE. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. EXCEPTION: IN EXISTING SITES, BUILDINGS, AND FACILITIES, RAMPS SHALL BE PERMITTED TO HAVE RUNNING SLOPES STEEPER THEN 1:12 COMPLYING WITH TABLE 405.2 WHERE SUCH SLOPES ARE NECESSARY DUE TO SPACE LIMITATIONS.
ADVISORY 405.2 SLOPE. TO ACCOMMODATE THE WIDEST RANGE OF USERS, PROVIDE RAMPS WITH THE LEAST POSSIBLE RUNNING SLOPE AND, WHEREVER POSSIBLE, ACCOMPANY RAMPS WITH STAIRS FOR USE BY THOSE INDIVIDUALS FOR WHOM DISTANCE PRESENTS A GREATER BARRIER THAN STEPS, E.G., PEOPLE WITH HEART DISEASE OR LIMITED STAMINA.

405.3. CROSS SLOPE. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48.
ADVISORY 405.3 CROSS SLOPE. CROSS SLOPE IS THE SLOPE OF THE SURFACE PERPENDICULAR TO THE DIRECTION OF TRAVEL. CROSS SLOPE IS MEASURED THE SAME WAY AS SLOPE IS MEASURED (I.E., THE RISE OVER THE RUN).

405.5 CLEAR WIDTH. THE CLEAR WIDTH OF A RAMP RUN AND, WHERE HANDRAILS ARE PROVIDED, THE CLEAR WIDTH BETWEEN HANDRAILS SHALL BE 36" (915 MM) MINIMUM.
EXCEPTION: WITHIN EMPLOYEE WORK AREAS, THE REQUIRED CLEAR WIDTH OF RAMPS THAT ARE A PART OF COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREASE IS ESSENTIAL TO THE FUNCTION OF THE WORK BEING PERFORMED.

405.6. RISE. THE RISE FOR ANY RAMP RUN SHALL BE 30" (760 MM) MAXIMUM.

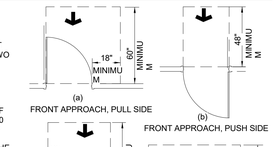
405.7. LANDINGS. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. LANDING SHALL COMPLY WITH 405.7.
ADVISORY 405.7 LANDINGS: RAMPS THAT DO NOT HAVE LEVEL LANDINGS AT CHANGES IN DIRECTION CAN CREATE A COMPOUND SLOPE THAT WILL NOT MEET THE REQUIREMENTS OF THIS CODE. CIRCULAR OR CURVED RAMPS CONTINUALLY CHANGE DIRECTION. CURVILINEAR RAMPS WITH SMALL RADII ALSO CAN CREATE COMPOUND CROSS SLOPES AND CANNOT, BY THEIR NATURE, MEET THE REQUIREMENTS FOR ACCESSIBLE ROUTES. A LEVEL LANDING IS NEEDED AT THE ACCESSIBLE DOOR TO PERMIT MANEUVERING AND SIMULTANEOUSLY DOOR OPERATION.

405.7.1. SLOPE. LANDINGS SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.
EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

405.7.2. WIDTH. THE LANDING CLEAR WIDTH SHALL BE ATLEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.

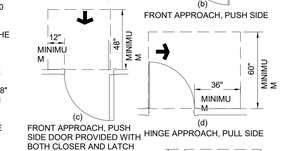
405.7.3. LENGTH. THE LANDING CLEAR LENGTH SHALL BE 60" (1525 MM) LONG MINIMUM.

405.8 HANDRAILS. RAMP RUNS WITH A RISE GREATER THAN 6" (150 MM) SHALL HAVE HANDRAILS COMPLYING WITH 505.
EXCEPTION: WITHIN EMPLOYEE WORK AREAS, HANDRAILS SHALL NOT BE REQUIRED WHERE RAMPS THAT ARE PART OF COMMON USE CIRCULATION PATHS ARE DESIGNED TO PERMIT THE INSTALLATION OF HANDRAILS COMPLYING WITH 505. RAMPS NOT SUBJECT TO THE EXCEPTION TO 405.5 SHALL BE DESIGNED TO MAINTAIN A 36" (915 MM) MINIMUM CLEAR WIDTH WHEN HANDRAILS ARE INSTALLED.



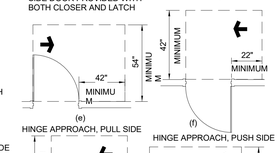
FRONT APPROACH, PULL SIDE

FRONT APPROACH, PUSH SIDE



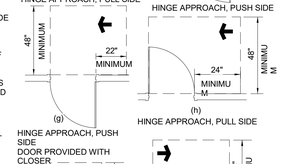
FRONT APPROACH, PUSH SIDE DOOR PROVIDED WITH BOTH CLOSER AND LATCH

HINGE APPROACH, PULL SIDE



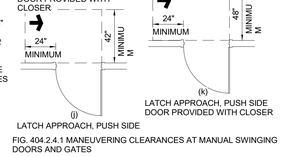
HINGE APPROACH, PULL SIDE

HINGE APPROACH, PUSH SIDE



HINGE APPROACH, PUSH SIDE

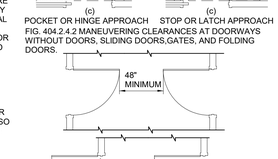
HINGE APPROACH, PULL SIDE



LATCH APPROACH, PUSH SIDE

LATCH APPROACH, PUSH SIDE DOOR PROVIDED WITH CLOSER

FIG. 404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES



FRONT APPROACH

SIDE APPROACH

POCKET OR HINGE APPROACH

STOP OR LATCH APPROACH

FIG. 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS,GATES, AND FOLDING DOORS.

FIG. 404.2.7. DOORS IN SERIES AND GATES IN SERIES

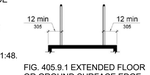


FIG. 405.9.1 EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION

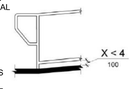


FIG. 405.9.2 CURB OR BARRIER EDGE PROTECTION

405.9 EDGE PROTECTION. EDGE PROTECTION COMPLYING WITH 405.9.1 OR 405.9.2 SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS.
EXCEPTIONS: 1. EDGE PROTECTION SHALL NOT BE REQUIRED ON RAMPS THAT ARE NOT REQUIRED TO HAVE HANDRAILS AND HAVE SIDES COMPLYING WITH 406.3. **2.** EDGE PROTECTION SHALL NOT BE REQUIRED ON THE SIDES OF RAMP LANDINGS SERVING AN ADJOINING RAMP RUN OR STAIRWAY.**3.** EDGE PROTECTION SHALL NOT BE REQUIRED ON THE SIDES OF RAMP LANDINGS HAVING A VERTICAL DROP-OFF OF 1/2" (13 MM) MAXIMUM WITHIN 10" (255 MM) HORIZONTALLY OF THE MINIMUM LANDING AREA SPECIFIED IN 405.7.

405.9.1 EXTENDED FLOOR OR GROUND SURFACE. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING SHALL EXTEND 12" MINIMUM BEYOND THE INSIDE FACE OF A HANDRAIL COMPLYING WITH 505.
ADVISORY 405.9.1 EXTENDED FLOOR OR GROUND SURFACE. THE EXTENDED SURFACE PREVENTS WHEELCHAIR CASTERS AND CRUTCH TIPS FROM SLIPPING OFF THE RAMP SURFACE.

405.9.2. CURB OR BARRIER. A CURB OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4" (100MM) DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4" OF FINISH FLOOR OR GROUND SURFACE.

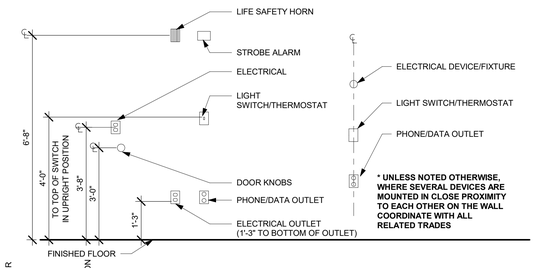
406 CURB RAMPS

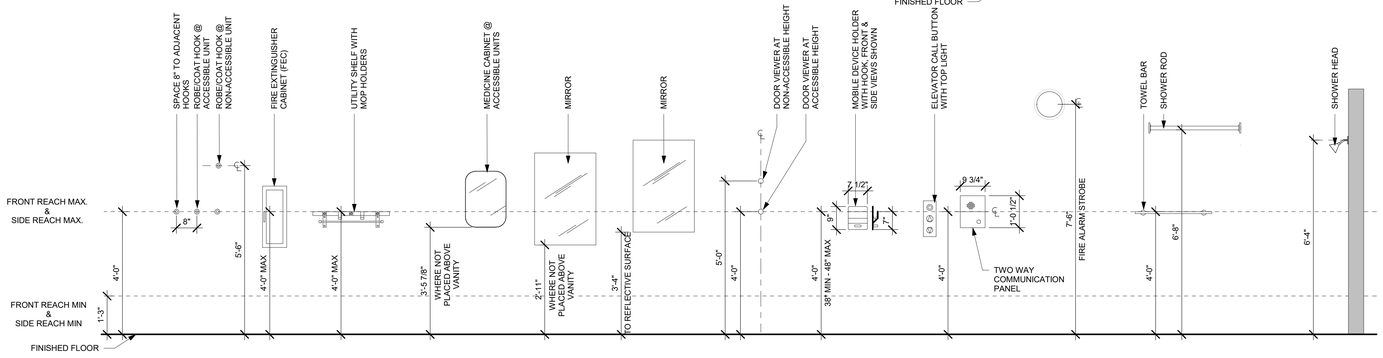
NOT TO SCALE

NOTES:

406.1. GENERAL. CURB RAMPS ON ACCESSIBLE ROUTES SHALL COMP

NOTES:
1. ALL PLUMBING FIXTURES AS SPECIFIED IN PLUMBING FIXTURE SCHEDULE (PLUMB DWGS) SHALL BE ACCESSIBLE.
2. ADA TOILET RIM HEIGHT SHALL BE 17"-19".
3. PROVIDE SIDE SPLASH WHERE REQUIRED.
4. PROVIDE SOLID, IN WALL BLOCKING FOR HANDRAILS, LIGHT FIXTURES, COUNTERTOPS, MIRRORS, AND SIMILAR ITEMS.
5. SEE FINISH SCHEDULE IN SPECIFICATION FOR FINISHES.
6. PROVIDE SEALANT BETWEEN BACKSPLASH, SIDESPLASH AND WALLS.





ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARCHITECTURAL SIGNATURE ADMINISTRATION 022313 STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/2" = 1'-0"
SHEET NAME:
STANDARD MOUNTING HEIGHTS

SHEET NUMBER:
G-052

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

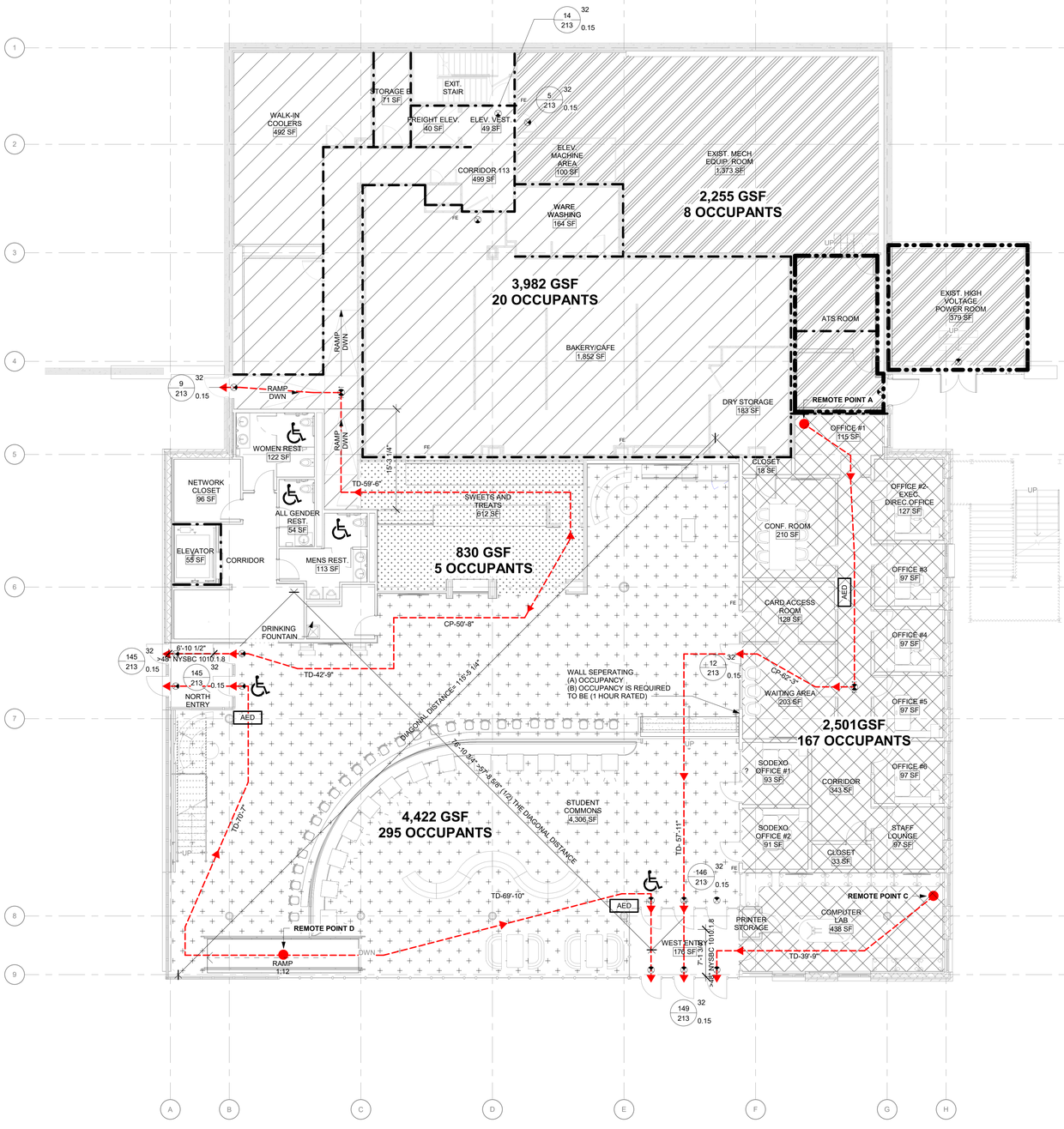
PLUMBING CALCULATIONS TABLE 403.1- GROUP A-2

OCCUPANCY	REQUIRED (ASSEMBLY- RESTAURANTS ETC)	PROVIDED
LEVEL 1- 5,943 OCCUPANTS	7 WATER CLOSETS 5 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	3 WC'S & 2 URINALS 4 LAVS 2 DRINKING FOUNTAINS 1 SERVICE SINK
LEVEL 2- 689 OCCUPANTS	7 WATER CLOSETS 3 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	8 WATER CLOSETS* 5 LAVS* 2 DRINKING FOUNTAIN 1 SERVICE SINK

* INDICATES PROPOSED "ALL GENDER" RESTROOMS. PER BCNYS 2902.1.3 MUTLI USER TOILET FACILITIES ARE PERMITTED.

LIFE SAFETY LEGEND

- A-2 OCCUPANCY
- ACCESSORY A-2 OCCUPANCY
- B OCCUPANCY
- F-1 OCCUPANCY (N.I.C)
- S-1 OCCUPANCY (MECH)
- EXISTING 1 HR RATED WALL
- EXISTING 2 HR RATED WALL
- NEW 1 HR RATED WALL
- NEW 2 HR RATED WALL
- TRAVEL PATH
- COMMON PATH OF TRAVEL
- TD-XX'-X" TRAVEL DISTANCE
- EXIT SIGN
- EE PROPOSED EMERGENCY EXIT ONLY
- ADA ACCESSIBLE
- AED AUTOMATED EXTERNAL DEFIBRILLATOR REFER TO SPECIFICATIONS
- FEC FULL RECESSED FIRE EXTINGUISHER CABINET
- FEC SEMI-RECESSED FIRE EXTINGUISHER CABINET
- FE SURFACE MOUNTED FIRE EXTINGUISHER
- X- OCCUPANCY LOAD PER EXIT
- Y- OCCUPANCY LOAD MAX PER DOOR
- W- CLEAR WIDTH AT OPENINGS
- Z- EGRESS FACTOR



FIRST FLOOR LIFE SAFETY PLAN

1/8" = 1'-0"

A5

PROJECT INFORMATION

PROJECT NAME:	SUNY New Paltz- Renovate Peregrine Dining Hall, Building No. 032
SUCF #:	081056-00
ADDRESS:	SUNY NEW PALTZ, SOUTHSIDE LOOP, NEW PALTZ, NY 12561
COUNTY:	ULSTER
CONSTRUCTION TYPE:	IIB. MASONRY AND STEEL-FRAMED BUILDING
MAIN OCCUPANCY GROUP:	ASSEMBLY AND FACTORY (GROUP A-2 &F-1)
SPRINKLER SYSTEM:	FULLY SPRINKLERED
NUMBER OF STORIES:	2 (W/ A MEZZANINE)
BUILDING HEIGHT:	28 FEET 5 3/4" INCHES
EXTENT OF RENOVATION:	**EXISTING BUILDING, LEVEL 3 ALTERATIONS**
CODE ENFORCEMENT JURISDICTION:	STATE UNIVERSITY CONSTRUCTION FUND

FLOOR LEVEL	1ST FL	2ND FL	MEZZANINE	TOTAL
EXISTING BUILDING (1968)	14,005 SF	15,890 SF	898 SF	29,895 SF
ADDITION (2000)	-	532 SF	-	532 SF
LEVEL 3 ALT/ADDITION (2025)	2,495 SF	-	2,963 SF	2,495 SF
			TOTAL GSF (NEW AND EXISTING)	**32,922 SF**

ALLOWABLE BUILDING AREA = 32,922 SF < 57,000 SF (TOTAL ALLOWABLE BUILDING AREA) = **CONFORMING**.

NOTE :
1. THE AGGREGATE EXISTING BUILDING CONFORMS TO FIRE AREA LIMITATIONS. THE NEW ADDITION WILL NOT INCREASE EXISTING BUILDING AREA(S).
2. MEZZANINES DO NOT CONTRIBUTE TO THE BUILDING AREA OR NUMBER OF STORIES AS PER NYSBC 505.2

APPLICABLE CODES
2025 BUILDING CODE OF NEW YORK STATE
2025 EXISTING BUILDING CODE OF NEW YORK STATE
2025 FIRE CODE OF NEW YORK STATE
2025 MECHANICAL CODE OF NEW YORK STATE
2025 PLUMBING CODE OF NEW YORK STATE
2020 NYSTRETCH ENERGY CODE
2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
2025 FUEL GAS CODE OF NEW YORK STATE
ULSTER COUNTY DEPARTMENT OF HEALTH

REFERENCE STANDARDS
ASME A17.1- SAFETY CODE FOR ELEVATORS AND ESCALATORS (2016)
ICC/ANSI A117.1- 2017 ACCESSIBILITY AND USABLE BUILDINGS AND FACILITIES
NFPA 13 - 2022 INSTALLATION OF SPRINKLER SYSTEMS
NFPA 70 – 2023 NATIONAL ELECTRICAL CODE
NFPA 72 - 2022 NATIONAL FIRE ALARM CODE
NFPA 96 - 2016 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS
UL924- STANDARD FOR SAFETY OF EMERGENCY LIGHTING AND POWER EQUIPMENT
ASME CODE FOR PRESSURE PIPING
ASHRAE STANDARDS 90.1-2025 & 62.1-2019 AS APPLICABLE

BUILDING ENVELOPE REQUIREMENTS ASHRAE 90.1 2025

ASHRAE 90.1 PRESCRIPTIVE PATH. FINAL SUBMISSION WILL UTILIZE - DEEP ENERGY RETROFIT (DER)

ENERGY CONSERVATION CODE OF NEW YORK STATE
CLIMATE ZONE 6 (ULSTER)

ROOF
INSULATION ENTIRELY ABOVE ROOF DECK: R34CI

WALLS (ABOVE GRADE)
MASS: R15.2CI
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

WALLS (BELOW GRADE)
BELOW GRADE WALL: R10CI
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

FLOORS
MASS: R16.7CI
EXISTING 2ND FLOOR SLAB IS NOT INSULATED. DOES NOT COMPLY.

SLAB ON GRADE FLOORS
UNHEATED SLABS: R20 FOR 24" BELOW
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN HAS 2 INCHES EQUALLY APPROXIMATELY R-12

OPAQUE DOORS (DOORS HAVING LESS THAN 50% GLASS AREA)
SWINGING: U-0.37

FENESTRATIONS
METAL FRAMING, FIXED : U-0.36
METAL FRAMING,OPERABLE: U-0.45
METAL FRAMING, ENTRANCE DOORS: U-0.68

OCCUPANCY CALCULATION

ROOM NAME	AREA	SPACE TYPE	OCCUPANCY GROUP	OCC. LOAD FACTOR	CALCULATED OCCUPANCY
FIRST FLOOR PLAN					
EXIST. HIGH VOLTAGE POWER ROOM	379 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
ATS ROOM	165 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
EXIST. MECH EQUIP. ROOM	1,373 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	5
ELEV. MACHINE AREA	100 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	0
STUDENT COMMONS	4,306 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	287
STAFF LOUNGE	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #1	115 SF	BUSINESS AREAS	B	150 SF	1
CORRIDOR	343 SF	BUSINESS AREAS	B	150 SF	2
OFFICE #2- EXEC. DIREC.OFFICE	127 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #3	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #4	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #5	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #6	97 SF	BUSINESS AREAS	B	150 SF	1
COMPUTER LAB	438 SF	BUSINESS AREAS	B	150 SF	3
CLOSET	33 SF	BUSINESS AREAS	B	150 SF	0
SODEXO OFFICE #2	91 SF	BUSINESS AREAS	B	150 SF	1
SODEXO OFFICE #1	93 SF	BUSINESS AREAS	B	150 SF	1
WAITING AREA	203 SF	BUSINESS AREAS	B	150 SF	1
CONF. ROOM	210 SF	BUSINESS AREAS	B	150 SF	1
CARD ACCESS ROOM	129 SF	BUSINESS AREAS	B	150 SF	1
CLOSET	18 SF	BUSINESS AREAS	B	150 SF	0
PRINTER STORAGE	11 SF	BUSINESS AREAS	B	150 SF	0
WARE WASHING	164 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
WALK-IN COOLERS	492 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
DRY STORAGE	183 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
STORAGE E	71 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
CORRIDOR 113	499 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
BAKERY/CAFE	1,852 SF	KITCHENS, COMMERCIAL	F-1	200 SF	9
UTILITY CLOS.	14 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
SWEETS AND TREATS	612 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
ELEV. VEST.	49 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
					329
SECOND FLOOR					
FOOD OIL STORAGE	36 SF	(none)	(none)	0 SF	
EXIST. BOILER ROOM	499 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	A-2	300 SF	2
DINING AREA	6,601 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	440
SODEXO DINING HALL MANAGER OFFICE #4	85 SF	BUSINESS AREAS	B	150 SF	1
SODEXO MARKETING OFFICE #3	96 SF	BUSINESS AREAS	B	150 SF	1
KITCHEN & SERVERY	3,220 SF	KITCHENS, COMMERCIAL	A-2	200 SF	16
BULK DRY STORAGE	322 SF	KITCHENS, COMMERCIAL	A-2	200 SF	2
BULK WALK IN REFRIDGERATOR	238 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
WALK-IN FREEZER	117 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #1	157 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #2	114 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PLATFORM	601 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
					469
Grand total					798

ARCHITECT
ksq design
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT AMADOU SAMUEL QUAGRAINE 022313 STATE OF NEW YORK

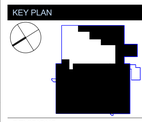
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRST FLOOR LIFE SAFETY PLAN
SHEET NUMBER: G-101

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

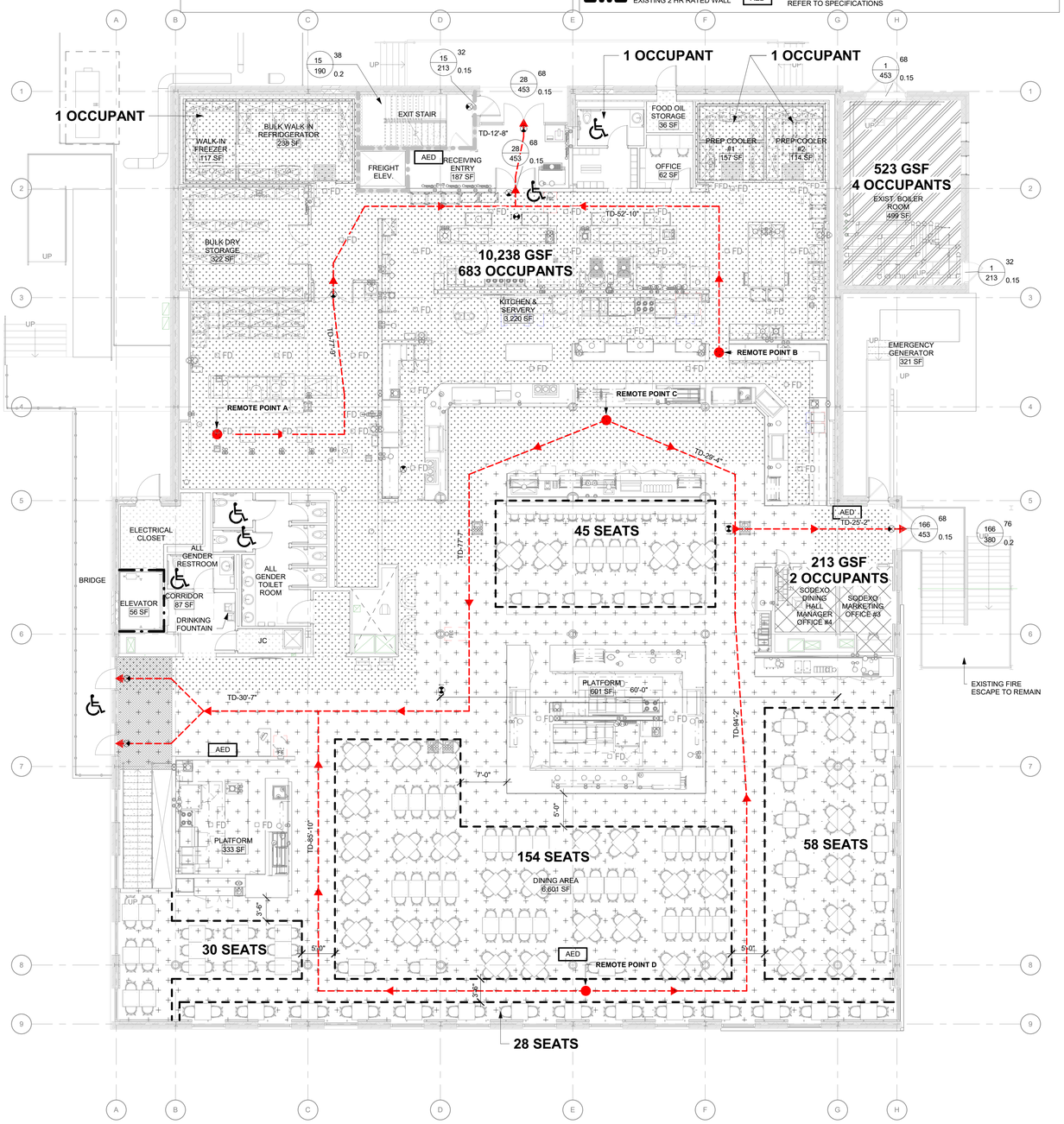
PLUMBING CALCULATIONS TABLE 403.1- GROUP A-2

OCCUPANCY	REQUIRED (ASSEMBLY- RESTAURANTS ETC)	PROVIDED
LEVEL 1- 5,943 OCCUPANTS	7 WATER CLOSETS 5 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	3 WC'S & 2 URINALS 4 LAVS 2 DRINKING FOUNTAINS 1 SERVICE SINK
LEVEL 2- 689 OCCUPANTS	7 WATER CLOSETS 3 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	8 WATER CLOSETS* 5 LAVS* 2 DRINKING FOUNTAIN 1 SERVICE SINK

* INDICATES PROPOSED "ALL GENDER" RESTROOMS. PER BCNYS 2902.1.3 MUTLI USER TOILET FACILITIES ARE PERMITTED.

LIFE SAFETY LEGEND

- A-2 OCCUPANCY
- ACCESSORY A-2 OCCUPANCY
- B OCCUPANCY
- F-1 OCCUPANCY (N.I.C)
- S-1 OCCUPANCY (MECH)
- EXISTING 1 HR RATED WALL
- EXISTING 2 HR RATED WALL
- NEW 1 HR RATED WALL
- NEW 2 HR RATED WALL
- TRAVEL PATH
- COMMON PATH OF TRAVEL
- TD-XX'-X" TRAVEL DISTANCE
- EXIT SIGN
- EE PROPOSED EMERGENCY EXIT ONLY
- ADA ACCESSIBLE
- AED AUTOMATED EXTERNAL DEFIBRILLATOR REFER TO SPECIFICATIONS
- FEC FULL RECESSED FIRE EXTINGUISHER CABINET
- FEC SEMI-RECESSED FIRE EXTINGUISHER CABINET
- FE SURFACE MOUNTED FIRE EXTINGUISHER
- X/Y W Z — X- OCCUPANCY LOAD PER EXIT; Y- OCCUPANCY LOAD MAX PER DOOR; W- CLEAR WIDTH AT OPENINGS; Z- EGRESSS FACTOR



SECOND FLOOR LAFE SAFETY PLAN

1/8" = 1'-0" — A5

PROJECT INFORMATION

PROJECT NAME:	SUNY New Paltz- Renovate Peregrine Dining Hall, Building No. 032
SUCF #:	081056-00
ADDRESS:	SUNY NEW PALTZ, SOUTHSIDE LOOP, NEW PALTZ, NY 12561
COUNTY:	ULSTER
CONSTRUCTION TYPE:	IIB. MASONRY AND STEEL-FRAMED BUILDING
MAIN OCCUPANCY GROUP:	ASSEMBLY AND FACTORY (GROUP A-2 &F-1)
SPRINKLER SYSTEM:	FULLY SPRINKLERED
NUMBER OF STORIES:	2 (W/ A MEZZANINE)
BUILDING HEIGHT:	28 FEET 5 3/4" INCHES
EXTENT OF RENOVATION:	**EXISTING BUILDING, LEVEL 3 ALTERATIONS**
CODE ENFORCEMENT JURISDICTION:	STATE UNIVERSITY CONSTRUCTION FUND

FLOOR LEVEL	1ST FL	2ND FL	MEZZANINE	TOTAL
EXISTING BUILDING (1968)	14,005 SF	15,890 SF	898 SF	29,895 SF
ADDITION (2000)	-	532 SF	-	532 SF
LEVEL 3 ALT/ADDITION (2025)	2,495 SF	-	2,963 SF	2,495 SF
	TOTAL GSF (NEW AND EXISTING)			**32,922 SF**

ALLOWABLE BUILDING AREA = 32,922 SF < 57,000 SF (TOTAL ALLOWABLE BUILDING AREA) = **CONFORMING**.

NOTE :
1. THE AGGREGATE EXISTING BUILDING CONFORMS TO FIRE AREA LIMITATIONS. THE NEW ADDITION WILL NOT INCREASE EXISTING BUILDING AREA(S).
2. MEZZANINES DO NOT CONTRIBUTE TO THE BUILDING AREA OR NUMBER OF STORIES AS PER NYSBC 505.2

APPLICABLE CODES
2025 BUILDING CODE OF NEW YORK STATE
2025 EXISTING BUILDING CODE OF NEW YORK STATE
2025 FIRE CODE OF NEW YORK STATE
2025 MECHANICAL CODE OF NEW YORK STATE
2025 PLUMBING CODE OF NEW YORK STATE
2020 NYSTRETCH ENERGY CODE
2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
2025 FUEL GAS CODE OF NEW YORK STATE
ULSTER COUNTY DEPARTMENT OF HEALTH

REFERENCE STANDARDS
ASME A17.1- SAFETY CODE FOR ELEVATORS AND ESCALATORS (2016)
ICC/ANSI A117.1- 2017 ACCESSIBILITY AND USABLE BUILDINGS AND FACILITIES
NFPA 13 - 2022 INSTALLATION OF SPRINKLER SYSTEMS
NFPA 70 – 2023 NATIONAL ELECTRICAL CODE
NFPA 72 - 2022 NATIONAL FIRE ALARM CODE
NFPA 96 - 2016 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS
UL924- STANDARD FOR SAFETY OF EMERGENCY LIGHTING AND POWER EQUIPMENT
ASME CODE FOR PRESSURE PIPING
ASHRAE STANDARDS 90.1-2025 & 62.1-2019 AS APPLICABLE

BUILDING ENVELOPE REQUIREMENTS ASHRAE 90.1 2025

ASHRAE 90.1 PRESCRIPTIVE PATH. FINAL SUBMISSION WILL UTILIZE - DEEP ENERGY RETROFIT (DER)

ENERGY CONSERVATION CODE OF NEW YORK STATE
CLIMATE ZONE 6 (ULSTER)

ROOF
INSULATION ENTIRELY ABOVE ROOF DECK: R34CI

WALLS (ABOVE GRADE)
MASS: R15.2CI
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

WALLS (BELOW GRADE)
BELOW GRADE WALL: R10CI
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

FLOORS
MASS: R16.7CI
EXISTING 2ND FLOOR SLAB IS NOT INSULATED. DOES NOT COMPLY.

SLAB ON GRADE FLOORS
UNHEATED SLABS: R20 FOR 24" BELOW
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN HAS 2 INCHES EQUALLY APRROXIMATELY R-12

OPAQUE DOORS (DOORS HAVING LESS THAN 50% GLASS AREA)
SWINGING: U-0.37

FENESTRATIONS
METAL FRAMING, FIXED : U-0.36
METAL FRAMING,OPERABLE: U-0.45
METAL FRAMING, ENTRANCE DOORS: U-0.68

OCCUPANCY CALCULATION

ROOM NAME	AREA	SPACE TYPE	OCCUPANCY GROUP	OCC. LOAD FACTOR	CALCULATED OCCUPANCY
FIRST FLOOR PLAN					
EXIST. HIGH VOLTAGE POWER ROOM	379 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
ATS ROOM	165 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
EXIST. MECH EQUIP. ROOM	1,373 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	5
ELEV. MACHINE AREA	100 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	0
STUDENT COMMONS	4,306 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	287
STAFF LOUNGE	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #1	115 SF	BUSINESS AREAS	B	150 SF	1
CORRIDOR	343 SF	BUSINESS AREAS	B	150 SF	2
OFFICE #2- EXEC. DIREC.OFFICE	127 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #3	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #4	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #5	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #6	97 SF	BUSINESS AREAS	B	150 SF	1
COMPUTER LAB	438 SF	BUSINESS AREAS	B	150 SF	3
CLOSET	33 SF	BUSINESS AREAS	B	150 SF	0
SODEXO OFFICE #2	91 SF	BUSINESS AREAS	B	150 SF	1
SODEXO OFFICE #1	93 SF	BUSINESS AREAS	B	150 SF	1
WAITING AREA	203 SF	BUSINESS AREAS	B	150 SF	1
CONF. ROOM	210 SF	BUSINESS AREAS	B	150 SF	1
CARD ACCESS ROOM	129 SF	BUSINESS AREAS	B	150 SF	1
CLOSET	18 SF	BUSINESS AREAS	B	150 SF	0
PRINTER STORAGE	11 SF	BUSINESS AREAS	B	150 SF	0
WARE WASHING	164 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
WALK-IN COOLERS	492 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
DRY STORAGE	183 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
STORAGE E.	71 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
CORRIDOR 113	499 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
BAKERY/CAFE	1,852 SF	KITCHENS, COMMERCIAL	F-1	200 SF	9
UTILITY CLOS.	14 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
SWEETS AND TREATS	612 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
ELEV. VEST.	49 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
					329
SECOND FLOOR					
FOOD OIL STORAGE	36 SF	(none)	(none)	0 SF	
EXIST. BOILER ROOM	499 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	A-2	300 SF	2
DINING AREA	6,601 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	440
SODEXO DINING HALL MANAGER OFFICE #4	85 SF	BUSINESS AREAS	B	150 SF	1
SODEXO MARKETING OFFICE #3	96 SF	BUSINESS AREAS	B	150 SF	1
KITCHEN & SERVERY	3,220 SF	KITCHENS, COMMERCIAL	A-2	200 SF	16
BULK DRY STORAGE	322 SF	KITCHENS, COMMERCIAL	A-2	200 SF	2
BULK WALK IN REFRIDGERATOR	238 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
WALK-IN FREEZER	117 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #1	157 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #2	114 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PLATFORM	601 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
					469
Grand total					798

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

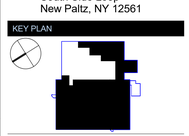
REGISTERED ARCHITECT ARAMSAMUEL GUDAKUNST 023313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



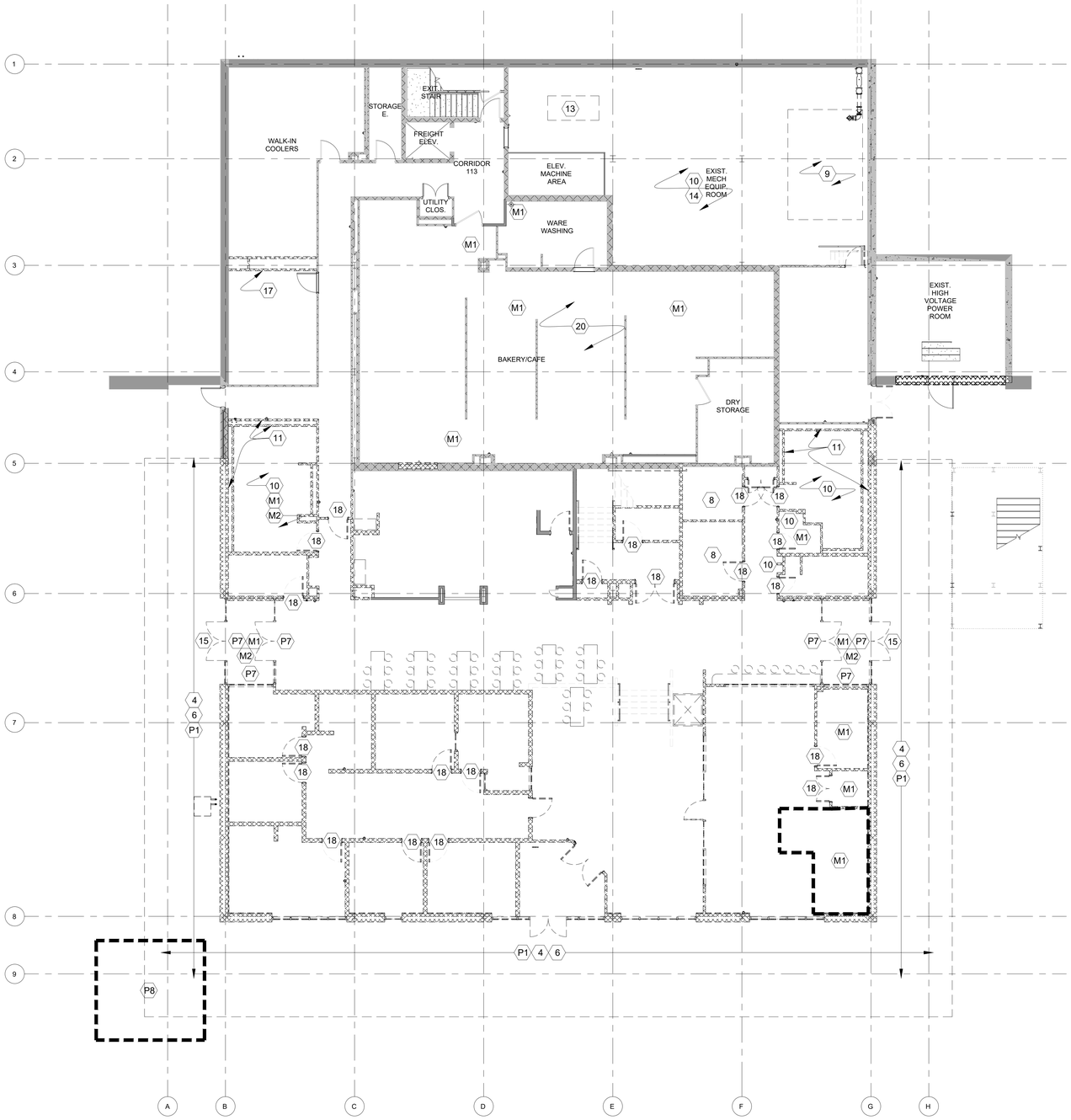
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: SECOND FLOOR LIFE SAFETY PLAN
SHEET NUMBER: G-102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 **LEVEL 1 ABATEMENT PLAN**
1/8" = 1'-0"

GENERAL ABATEMENT NOTES: (APPLICABLE TO ALL SHEETS & ALL BUILDINGS)

1. THE ABATEMENT LEGEND LISTS APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES.
2. ALL ASBESTOS ABATEMENT WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
3. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
4. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
5. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
6. ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
7. BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. ASSUME RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM OR INJURY.
8. PROVIDE TO THE OWNER'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN THE ABATEMENT SPEC SECTION FOR DETAILS.
9. VERIFY THAT LANDFILL ACCEPTS ALL TYPES OF HAZARDOUS MATERIALS WITHIN PROJECTS SCOPE OF WORK.
10. ANY REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
11. UPON COMPLETION OF HAZARDOUS MATERIAL REMOVALS WORK, ANY EXISTING AREAS AND/OR FINISHES THAT HAVE BEEN DAMAGED THAT ARE NOT PART OF THE REMOVAL SCOPES OF WORK (INCLUDES AREAS AND/OR FINISHES AS A RESULT OF ANY TEMPORARY PARTITIONS AND WASTE DECON UNIT ENCLOSURES CONSTRUCTION) SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE. FINISH RESTORATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
12. COORDINATE ABATEMENT WITH SCOPE INDICATED ON OTHER DRAWINGS AND PERFORMED BY OTHER TRADE CONTRACTS.
13. THE RESULTS OF THE TESTING FOR ACM, LEAD, PCB's & MOLD ARE LISTED IN THE BUILDING ASBESTOS SURVEY REPORT

ASBESTOS ABATEMENT KEYNOTES		QTY.
1	REMOVE AND DISPOSE OF EXTERIOR CAULK AT LOUVERS. REFER TO SHEET AD-121 FOR DEMOLITION SCOPE AND NOTES	APPROX. 76 LIN. FT.
2	REMOVE AND DISPOSE OF HVAC DUCT INSULATION	APPROX. 600 SQ. FT.
3	REMOVE AND DISPOSE OF VIBRATION CLOTH ON HVAC DUCT	APPROX. 20 SQ. FT.
4	REMOVE AND DISPOSE OF RECESSED ROUND & SQUARES LIGHTS AND ASSOCIATED ELECTRICAL WIRE WHIPS AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN	APPROX. 24 LIGHTS / 48 LIN. FT. WIRING
5	REMOVE AND DISPOSE OF ABANDONED ELECTRICAL LIGHT WIRING ABOVE CEILING	APPROX. 300 LIN. FT.
6	REMOVE AND DISPOSE OF EXTERIOR TRANSITE SOFFIT	APPROX. 3,520 SQ. FT.
7	REMOVE AND DISPOSE OF INTERIOR WINDOW GLAZING SEALANT ON 2ND FLOOR WINDOWS & DOOR. REMOVE GLAZING, DECONTAMINATE GLAZING AND FRAMES OF SEALANT AND DISPOSE OF GLAZING AND FRAMES AS GENERAL CONSTRUCTION DEBRIS.	APPROX. 14 WINDOWS/ 1 DOOR 1,040 LIN. FT.
8	REMOVE AND DISPOSE OF FLOOR TILE AND MASTIC. ALL ACM SHALL BE REMOVE IN ITS ENTIRETY FROM CONCRETE SUBSTRATES.	APPROX. 385 SQ. FT.
9	REMOVE AND DISPOSE OF HVAC PIN MASTIC	APPROX. 385 SQ. FT.
10	REMOVE AND DISPOSE OF MUDDED FITTINGS	APPROX. 73 FITTINGS
11	REMOVE AND DISPOSE OF CMU WALLS AND MUDDED FITTING BEHIND WALLS.	APPROX. 168 FITTINGS
12	REMOVE AND DISPOSE OF METAL CEILING AND MUDDED FITTINGS ABOVE CEILING. METAL CEILING PANELS MAY BE DECONTAMINATED AND DISPOSED OF AS GENERAL CONSTRUCTION DEBRIS.	APPROX. 50 FITTINGS
13	REMOVE AND DISPOSE OF WATER TANK INSULATION	APPROX. 175 SQ. FT.
14	REMOVE AND DISPOSE OF CEILING TILE BLOCKS AND ASSOCIATED GLUE DAUBS.	APPROX. 1,780 SQ. FT.
15	REMOVE AND DISPOSE OF EXTERIOR CAULKING AT WINDOWS & DOORS. ALL CAULKING SHALL BE REMOVED FROM DOOR/WINDOW FRAMES AND ADJACENT BUILDING SUBSTRATES	APPROX. 207 LIN. FT / 7 DOORS / 3 WINDOWS
16	REMOVE AND DISPOSE OF FOUNDATION WATERPROOFING	APPROX. 100 SQ. FT.
17	REMOVE AND DISPOSE OF SPRAY APPLIED FIREPROOFING	APPROX. 75 SQ. FT.
18	REMOVE AND DISPOSE OF FIRE DOORS	APPROX. 30 LEAVES / 630 SQ. FT.
19	REMOVE AND DISPOSE OF FURNACE AND ASSOCIATED COMPONENTS	APPROX. 1 UNIT
20	REMOVE CEILING AND SAVE FOR REINSTALLATION. REMOVE/DISPOSE OF MUDDED FITTINGS ABOVE CEILING. ANY CEILING TILES CONTAMINATED WITH ACM MUST BE DISPOSED OF AS ACM.	APPROX. 50 FITTINGS

PCB ABATEMENT KEYNOTES		QTY.
P1	REMOVE AND DISPOSE OF EXTERIOR PCB CONTAINING CAULKING MATERIALS AT TRANSITE PANELS / STONE / METAL	APPROX. 1,062 LIN. FT.
P2	REMOVE AND DISPOSE OF EXTERIOR PCB CONTAINING CAULKING MATERIALS AT WINDOW SILLS	APPROX. 24 WINDOWS / 120 LIN. FT.
P3	REMOVE AND DISPOSE OF EXTERIOR PCB CONTAINING CAULKING MATERIALS BETWEEN WINDOW FRAMES AND ADJACENT METAL / STONE SUBSTRATES	APPROX. 26 WINDOWS / 828 LIN. FT.
P4	REMOVE AND DISPOSE OF INTERIOR PCB CONTAINING CAULKING MATERIALS AT WINDOWS	APPROX. 24 WINDOWS / 1,776 LIN. FT.
P5	REMOVE AND DISPOSE OF PCB CONTAINING CAULKING MATERIALS AT DOOR FRAMES	APPROX. 22 DOOR FRAMES / 752 LIN. FT.
P6	REMOVE AND DISPOSE OF INTERIOR PCB CONTAINING CAULKING MATERIALS AT SINK BASIN	APPROX. 1 BASIN / 6 LIN. FT.
P7	REMOVE AND DISPOSE OF PCB CONTAINING GLAZING COMPOUND MATERIALS	APPROX. 80 LIN. FT.
P8	REMOVE AND DISPOSE OF PCB CONTAINING SOIL	APPROX. 198 CU. YDS

MOLD ABATEMENT KEYNOTES		QTY.
M1	REMOVE AND DISPOSE OF MOLD CONTAMINATED CEILING TILES	APPROX. 620 SQ. FT.
M2	REMOVE AND DISPOSE OF MOLD CONTAMINATED GWB / PLASTER CEILINGS & WALLS	APPROX. 1,925 SQ. FT.

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7889 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — KYLE RICHARD SUSKO — 027811 — STATE OF NEW YORK
REGISTRATION EXP: 08/31/2029
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

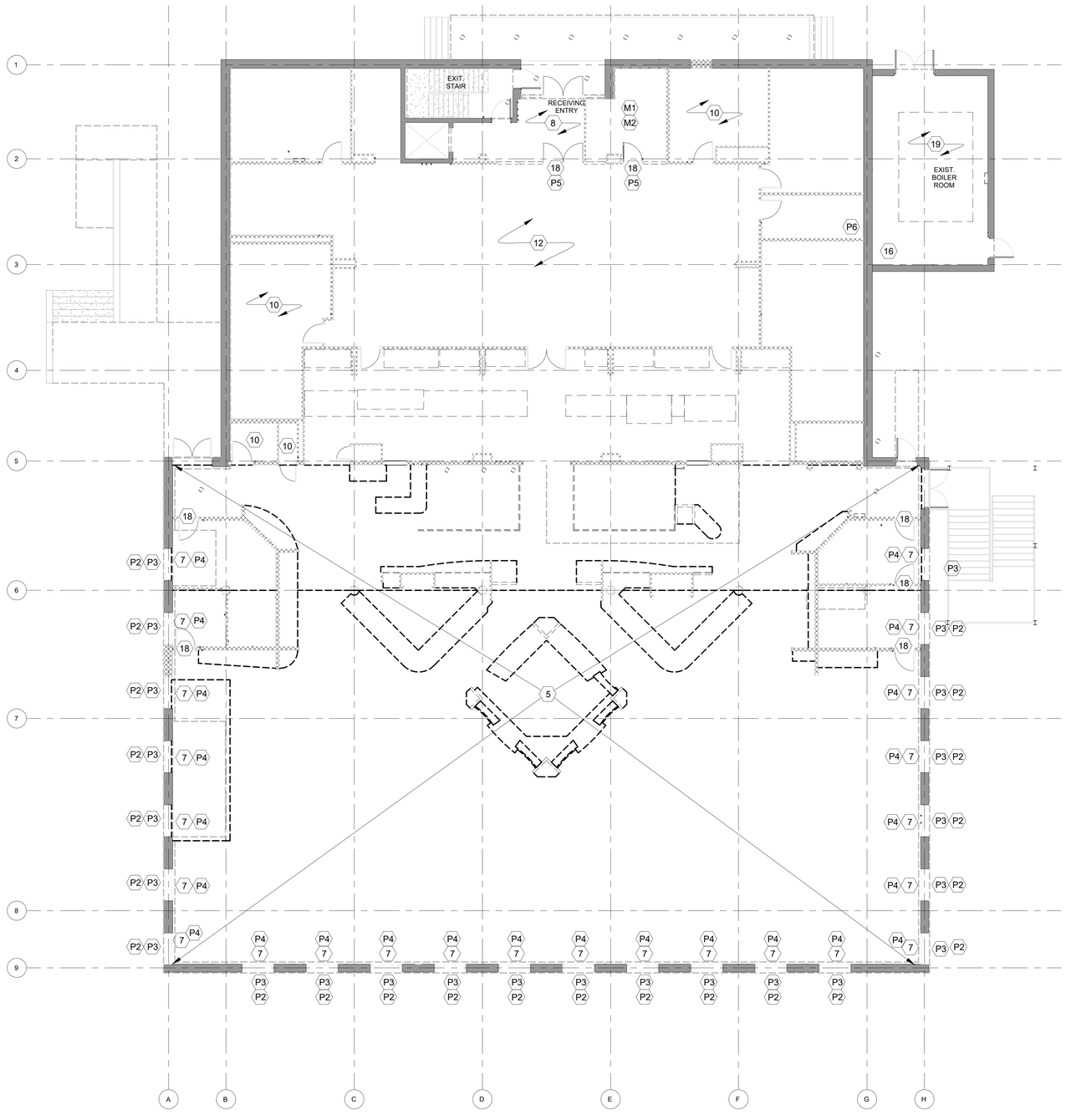
REVISIONS

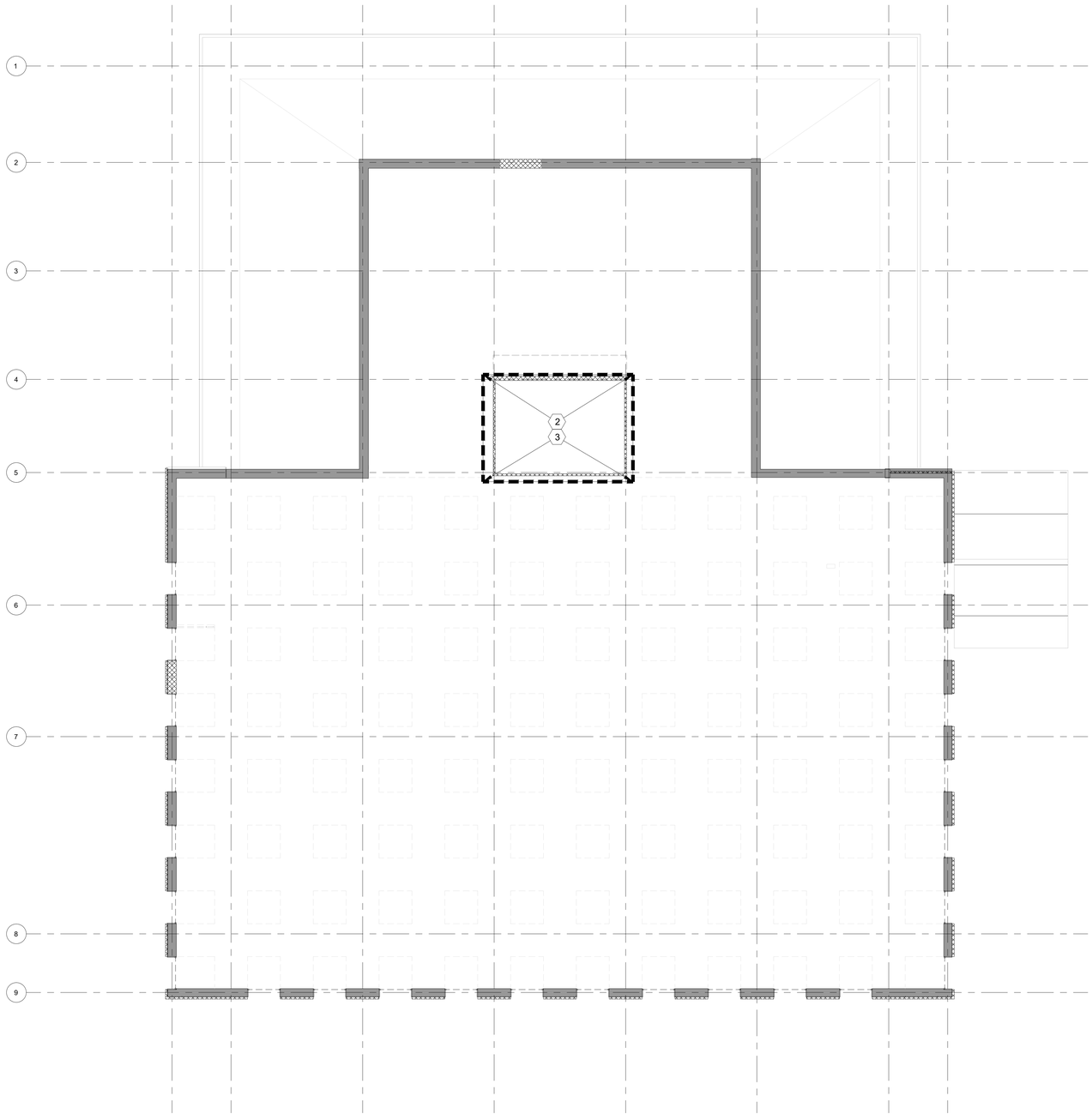
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: LEVEL 1 ABATEMENT PLAN
SHEET NUMBER: AA-100

BID SET

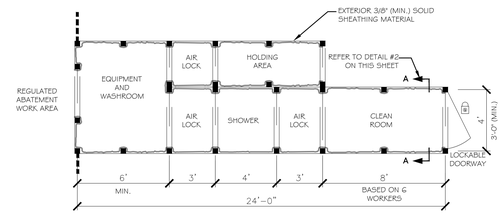
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC


EXIT STAIR
RECEIVING ENTRY
EXIST. BOILER ROOM
M1
M2
8
10
18
P5
19
12
P6
16
7
P4
P2
P3
5
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
P33
P34
P35
P36
P37
P38
P39
P40
P41
P42
P43
P44
P45
P46

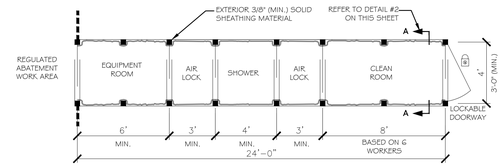


1 MEZZANINE ABATEMENT PLAN
1/8" = 1'-0"

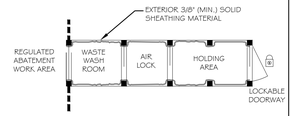
A PARALLEL PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES
LARGE ASBESTOS PROJECT



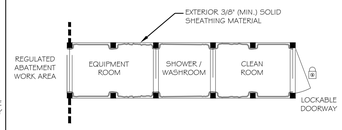
B PERSONAL DECONTAMINATION SYSTEM ENCLOSURES
LARGE ASBESTOS PROJECT



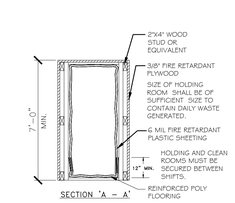
C WASTE DECONTAMINATION SYSTEM ENCLOSURE - LARGE ASBESTOS PROJECT (OPTIONAL FOR SMALL ASBESTOS PROJECT)



D PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT

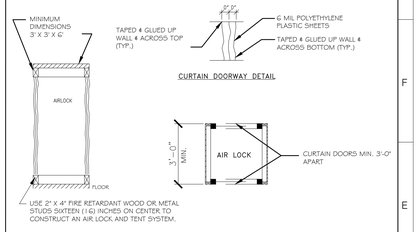


E PERSONAL DECONTAMINATION ENCLOSURE
LARGE SCALE



SECTION "A – A"

F CROSS SECTION OF AIRLOCK PLAN OF AIRLOCK
TYPICAL AIR LOCK DETAIL



ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT RICHARD W. KSOLL 027817 STATE OF NEW YORK

REGISTRATION EXP: 08/31/2029
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

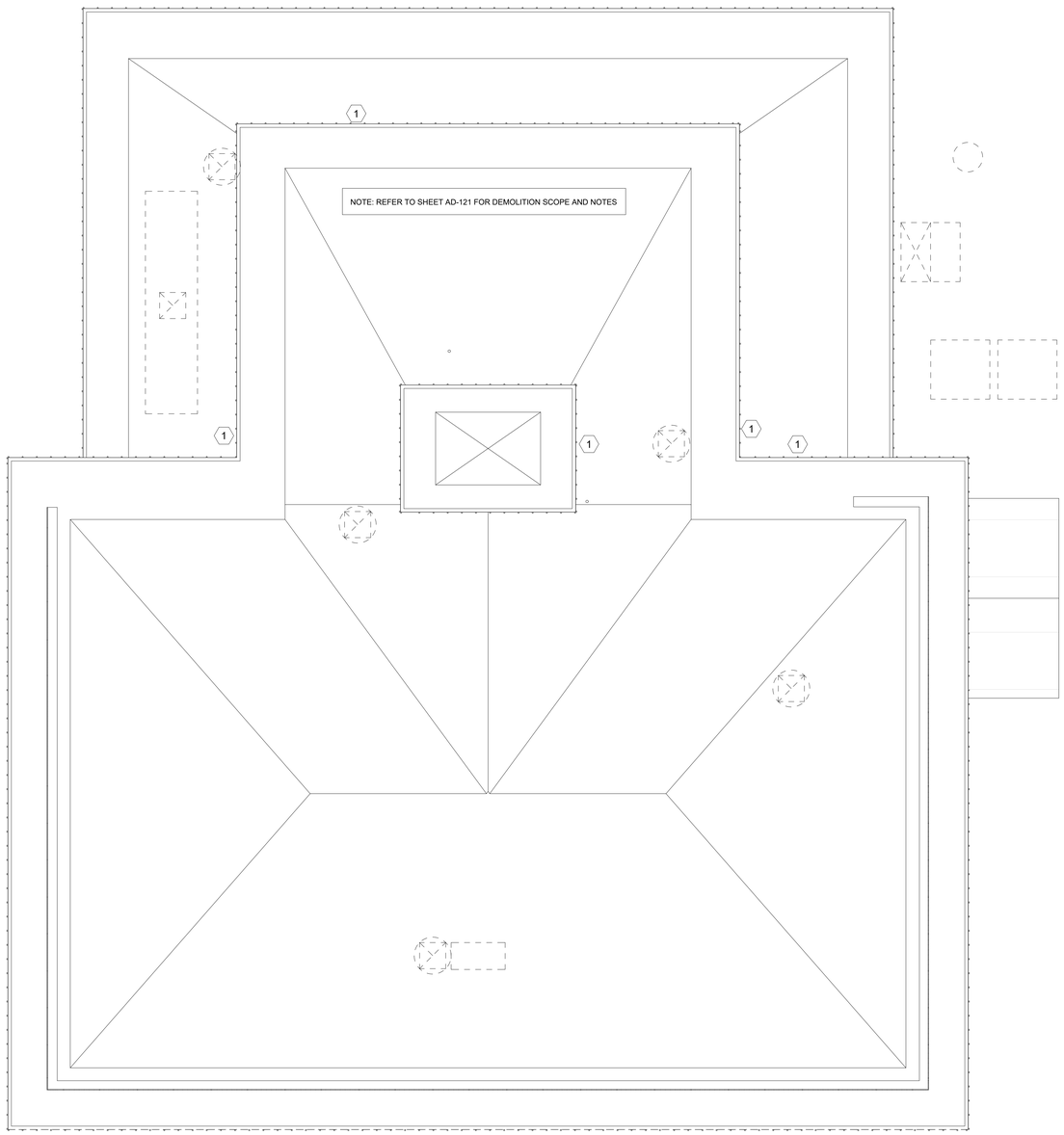
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: MEZZ. ABATEMENT PLAN
SHEET NUMBER: AA-102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 **ROOF ABATEMENT PLAN**
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
PAUL RICHARD CHEDCO
027811
STATE OF NEW YORK

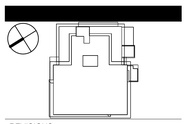
REGISTRATION EXP: 08/31/2029
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



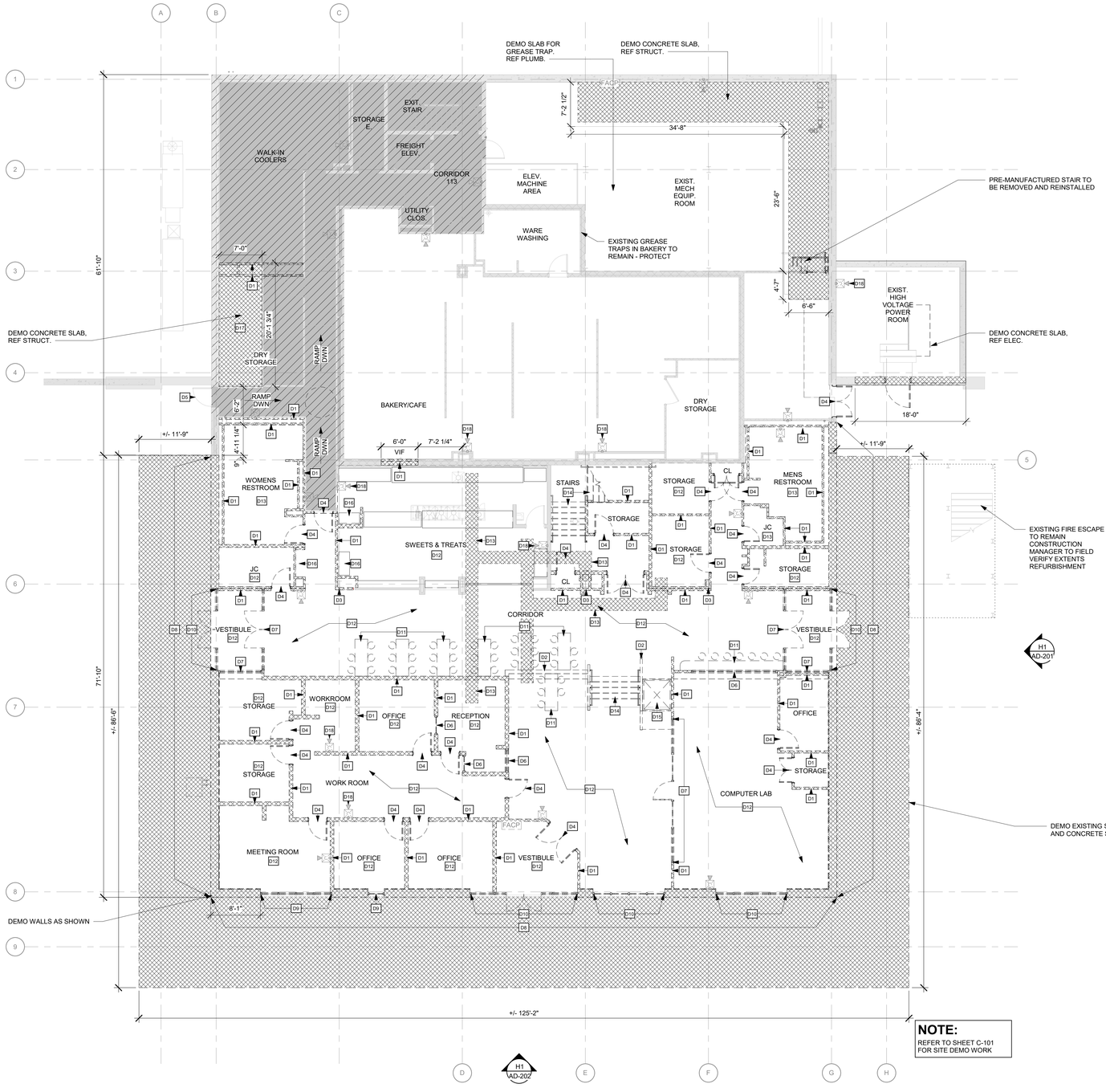
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: ROOF ABATEMENT PLAN
SHEET NUMBER: AA-103

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION NOTES

1. VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WITH DEMOLITION WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
3. INTERIOR WALL DIMENSIONS ARE MEASURED FROM FINISH FACE OF GYP BOARD, CMU OR PLASTER U.N.O.
4. ALL DEMO WORK SHOULD BE COORDINATED WITH THE NEW YORK PLANS. ABATEMENT SCOPE IS TO BE COMPLETED FIRST AND SIGNED OFF BY THE INSPECTOR OR ANY GOVERNED AGENT BEFORE ANY OTHER DEMO WORK IS STARTED.
5. ALL NEW OPENINGS FOR DOORS AND WINDOWS SHALL BE COORDINATED WITH NEW WORK PLANS FOR LOCATIONS AND SIZES.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGED AND REUSE, OR SCHEDULED TO REMAIN.
7. WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE TO SUPPORT IMPOSED LOADS.
8. PROTECT ALL ADJACENT SURFACES AND MATERIALS DURING DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED AS A RESULT OF WORK AND SHALL REPAIR OR REPLACE DAMAGED MATERIALS OR PRODUCTS.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOLITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

DEMO PLAN KEYNOTES

#	DESCRIPTION
D1	REMOVE EXISTING INTERIOR PARTITIONS AND WALL MOUNTED FIXTURES, COORDINATE WITH MEP DWGS
D2	REMOVE EXISTING INTERIOR LOW WALLS
D3	REMOVE EXISTING COLUMN ENCLOSURES
D4	REMOVE EXISTING DOOR LEAVES AND FRAMES
D5	SALVAGE EXISTING DOOR FRAMES AND LEAVES
D6	REMOVE EXISTING INTERIOR WINDOWS
D7	REMOVE EXISTING INTERIOR STOREFRONTS
D8	REMOVE EXISTING EXTERIOR WALLS
D9	REMOVE EXISTING EXTERIOR WINDOWS
D10	REMOVE EXISTING EXTERIOR STOREFRONT
D11	REMOVE EXISTING CABINETS, COUNTER, BOOKSHELVES, CASEWORK AND FIXED FURNITURE
D12	REMOVE EXISTING STONE, LVT OR CARPET FLOORING AND MASTIC SUBSTRATE DOWN TO CONCRETE DECK AND RUBBER WALLBASE, COORDINATE WITH ABATEMENT DWGS
D13	DEMO CONCRETE SLAB FOR PLUMBING REMOVALS, COORDINATE WITH MEP DWGS
D14	REMOVE EXISTING STAIRS AND RAILINGS
D15	REMOVE EXISTING ADA LIFT AND RAMPS
D16	REMOVE EXISTING CASEWORK AND EQUIPMENT AS SHOW
D17	DEMO EXISTING CONCRETE SLAB, COORDINATE WITH STRUCT
D18	REFER TO FIRE ALARM DWGS FOR FA DEMO SCOPE

NOTE:
REFER TO SHEET C-101
FOR SITE DEMO WORK

FIRST FLOOR DEMOLITION PLAN

1/8" = 1'-0"

A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL GUGLIOTTI 023311 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

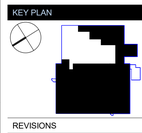
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



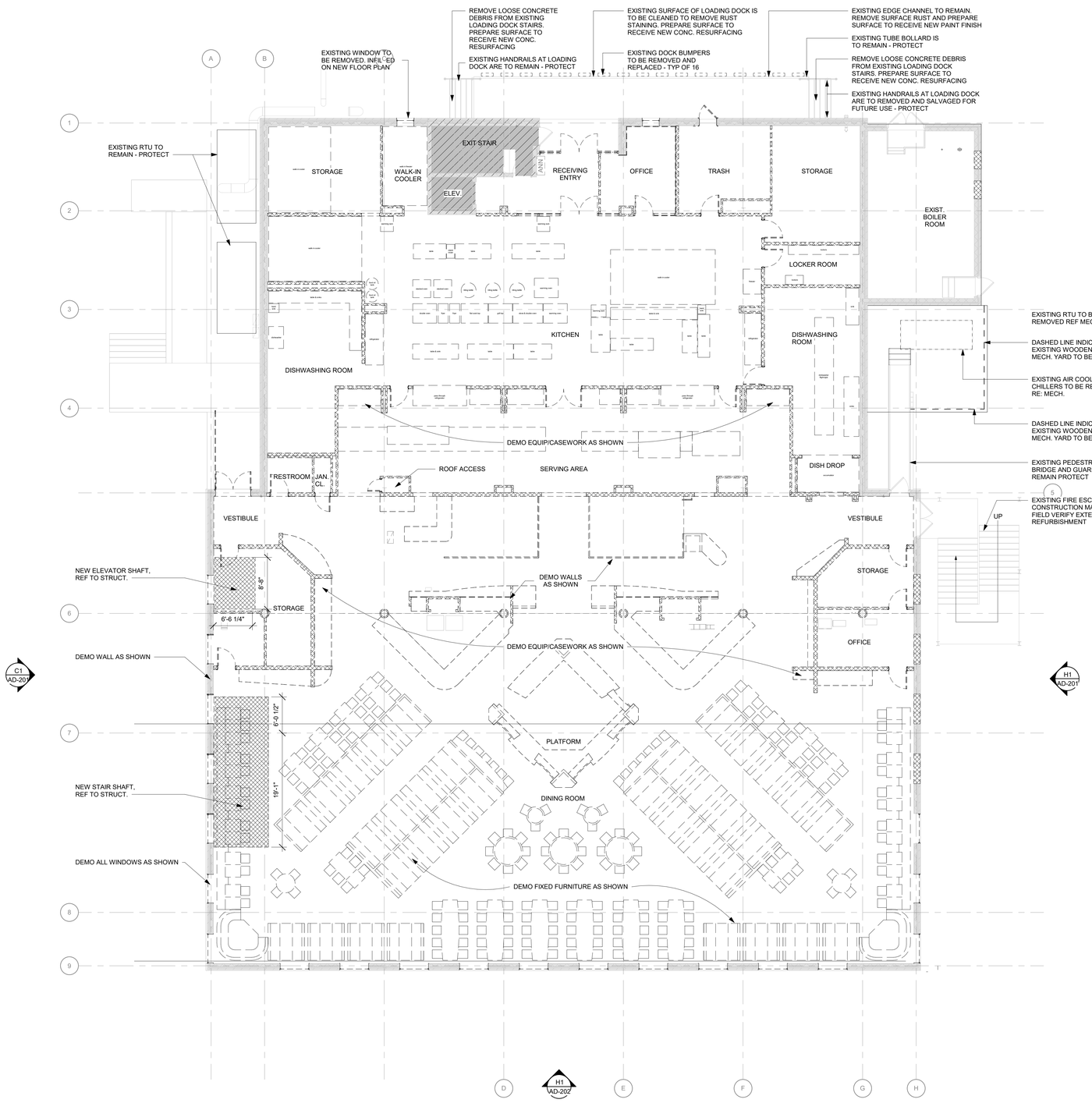
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRST FLOOR DEMOLITION PLAN
SHEET NUMBER: AD-101

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION NOTES

1. VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WITH DEMOLITION WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
3. INTERIOR WALL DIMENSIONS ARE MEASURED FROM FINISH FACE OF GYP BOARD, CMU OR PLASTER U.N.O.
4. ALL DEMO WORK SHOULD BE COORDINATED WITH THE NEW YORK PLANS. ABATEMENT SCOPE IS TO BE COMPLETED FIRST AND SIGNED OFF BY THE INSPECTOR OR ANY GOVERNED AGENT BEFORE ANY OTHER DEMO WORK IS STARTED.
5. ALL NEW OPENINGS FOR DOORS AND WINDOWS SHALL BE COORDINATED WITH NEW WORK PLANS FOR LOCATIONS AND SIZES.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGED AND REUSE, OR SCHEDULED TO REMAIN.
7. WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE TO SUPPORT IMPOSED LOADS.
8. PROTECT ALL ADJACENT SURFACES AND MATERIALS DURING DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED AS A RESULT OF WORK AND SHALL REPAIR OR REPLACE DAMAGED MATERIALS OR PRODUCTS.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOILITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

SECOND FLOOR DEMOLITION PLAN

1/8" = 1'-0" (A1)

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLD SAMUEL GUNDUM 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

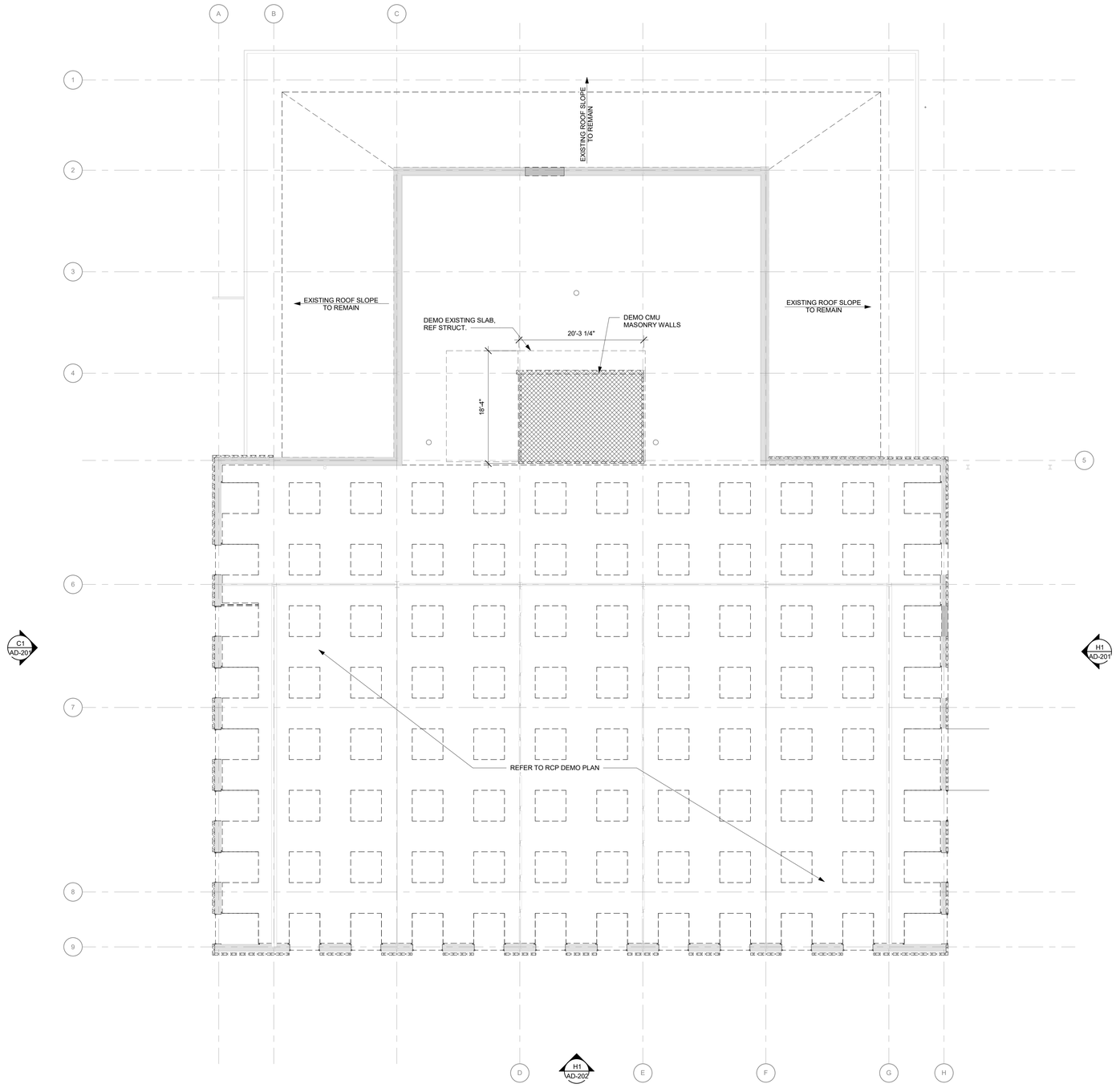
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: SECOND FLOOR DEMOLITION PLAN
SHEET NUMBER: AD-102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION NOTES

1. VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WITH DEMOLITION WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
3. INTERIOR WALL DIMENSIONS ARE MEASURED FROM FINISH FACE OF GYP BOARD, CMU OR PLASTER U.N.O.
4. ALL DEMO WORK SHOULD BE COORDINATED WITH THE NEW YORK PLANS. ABATEMENT SCOPE IS TO BE COMPLETED FIRST AND SIGNED OFF BY THE INSPECTOR OR ANY GOVERNED AGENT BEFORE ANY OTHER DEMO WORK IS STARTED.
5. ALL NEW OPENINGS FOR DOORS AND WINDOWS SHALL BE COORDINATED WITH NEW WORK PLANS FOR LOCATIONS AND SIZES.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGED AND REUSE, OR SCHEDULED TO REMAIN.
7. WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE TO SUPPORT IMPOSED LOADS.
8. PROTECT ALL ADJACENT SURFACES AND MATERIALS DURING DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED AS A RESULT OF WORK AND SHALL REPAIR OR REPLACE DAMAGED MATERIALS OR PRODUCTS.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOILITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

OVERALL MECHANICAL PENTHOUSE DEMOLITION FLOOR PLAN

1/8" = 1'-0"

A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIATA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

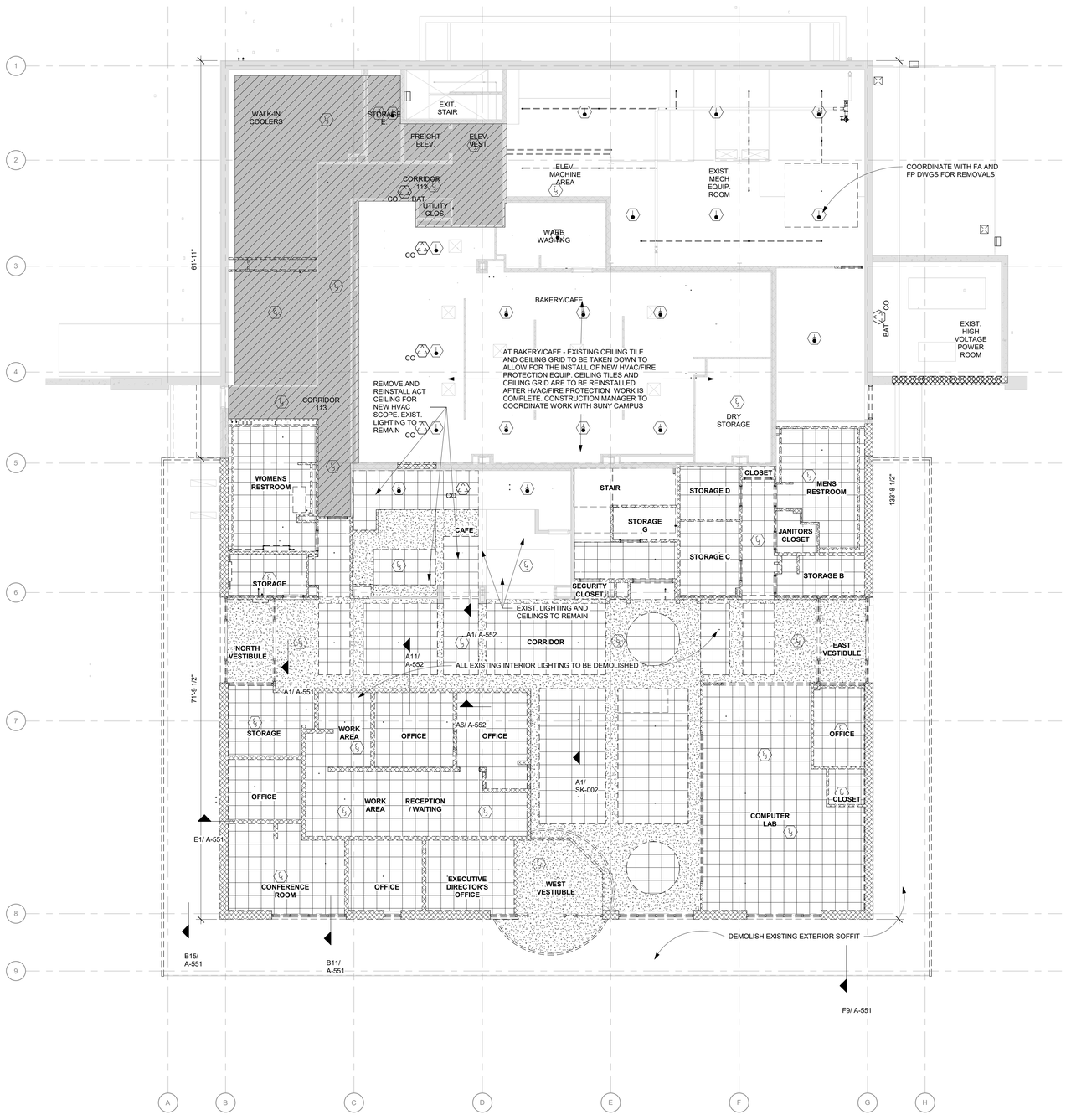
SHEET NAME:
MECHANICAL MEZZANINE DEMOLITION FLOOR PLAN

SHEET NUMBER:

AD-103

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOILITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

OVERALL FIRST FLOOR DEMO RCP

1/8" = 1'-0"

A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

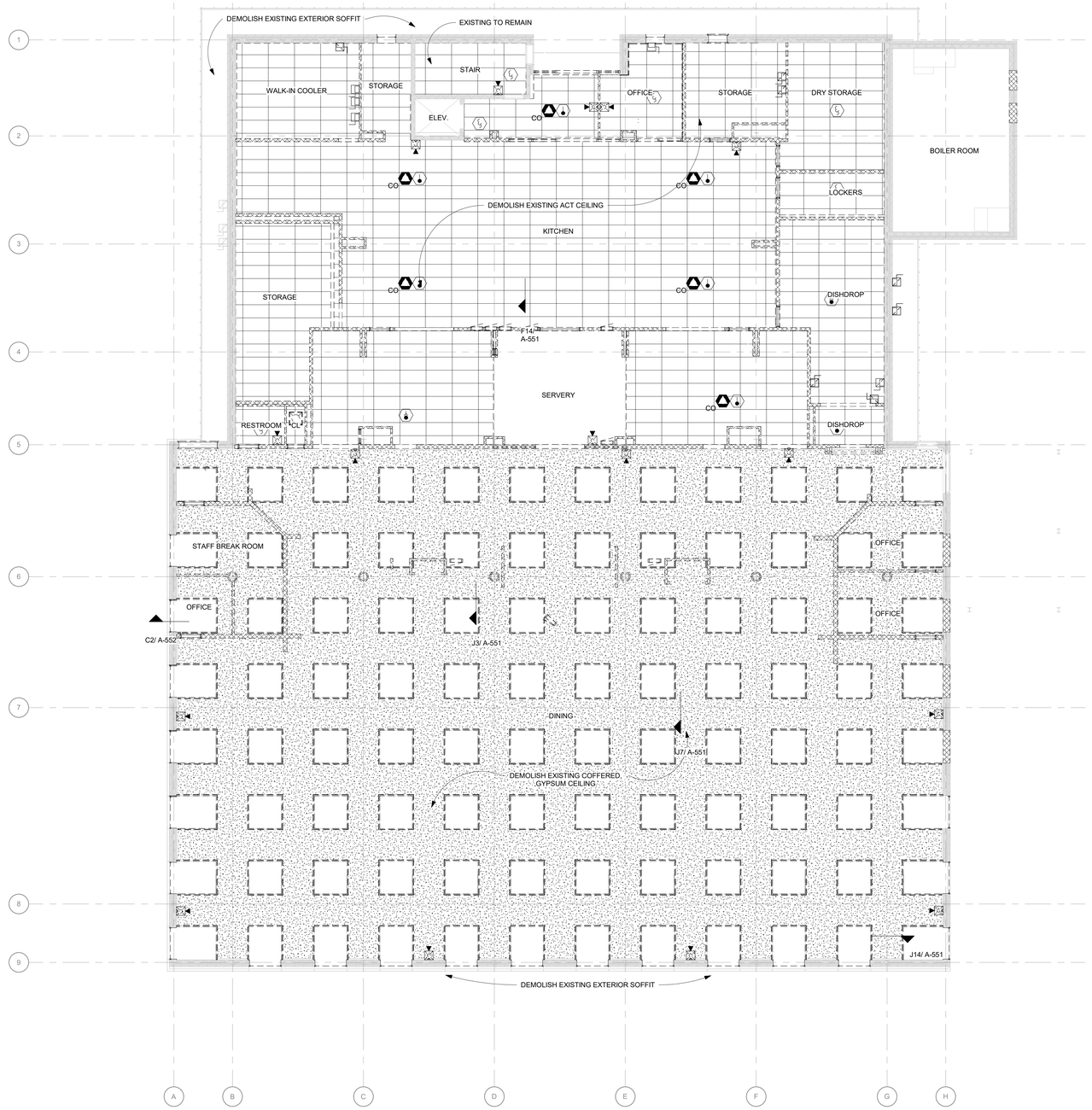
SHEET NAME:
FIRST FLOOR OVERALL DEMO RCP

SHEET NUMBER:

AD-110

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOILITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

OVERALL SECOND FLOOR DEMO RCP

1/8" = 1'-0"

A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL GIORDANO 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

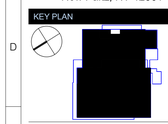
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
SECOND FLOOR
OVERALL DEMO RCP

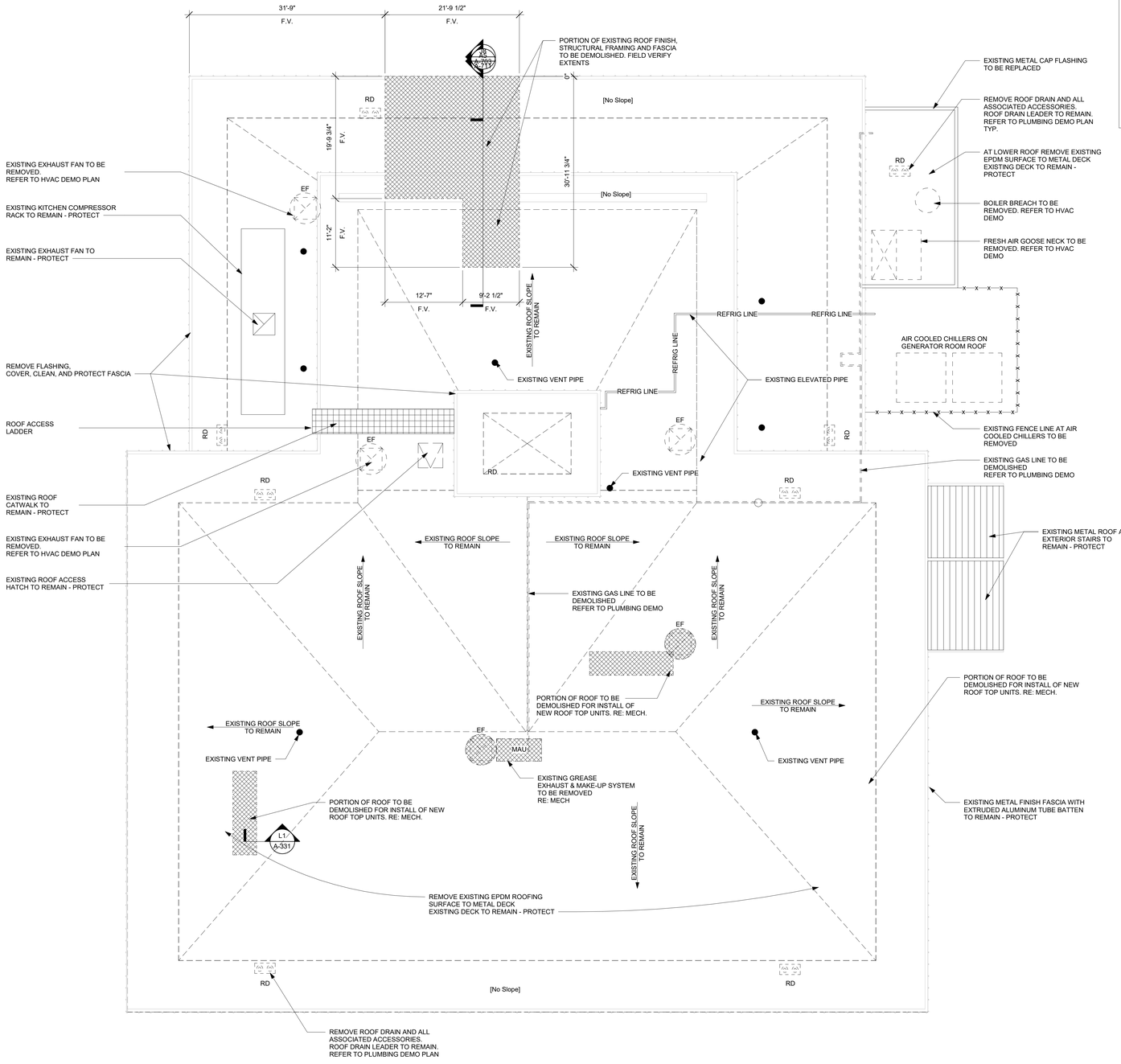
SHEET NUMBER:

AD-111

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOILITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

OVERALL ROOF DEMOLITION PLAN

1/8" = 1'-0" — A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 032331 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

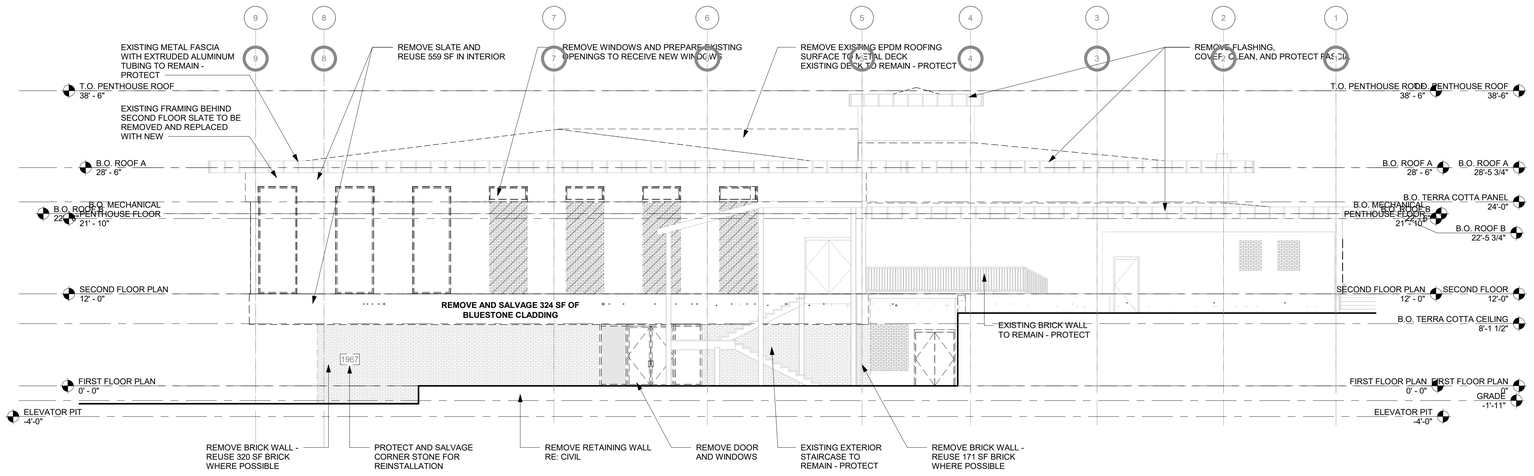
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: OVERALL DEMOLITION ROOF PLAN
SHEET NUMBER: AD-121

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

DEMOLITION NOTES

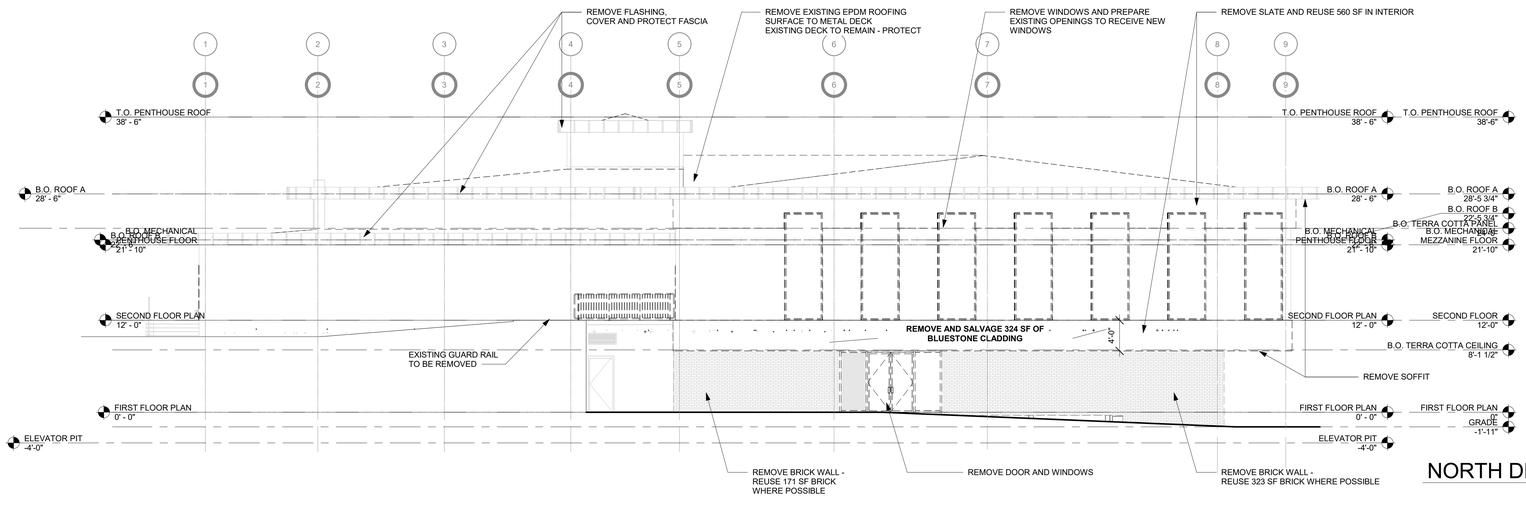
1. EXISTING BRICKS THAT ARE REMOVED FROM THE BUILDING ELEVATION ARE TO BE STACKED, STORED ON PALLETS, PROTECTED AND CLEANED UNTIL RE-INSTALLATION.



SOUTH DEMO ELEVATION

1/8" = 1'-0"

H1



NORTH DEMO ELEVATION

1/8" = 1'-0"

C1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO SAMUEL QUIMSON 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

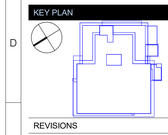
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
DEMO ELEVATIONS

SHEET NUMBER:

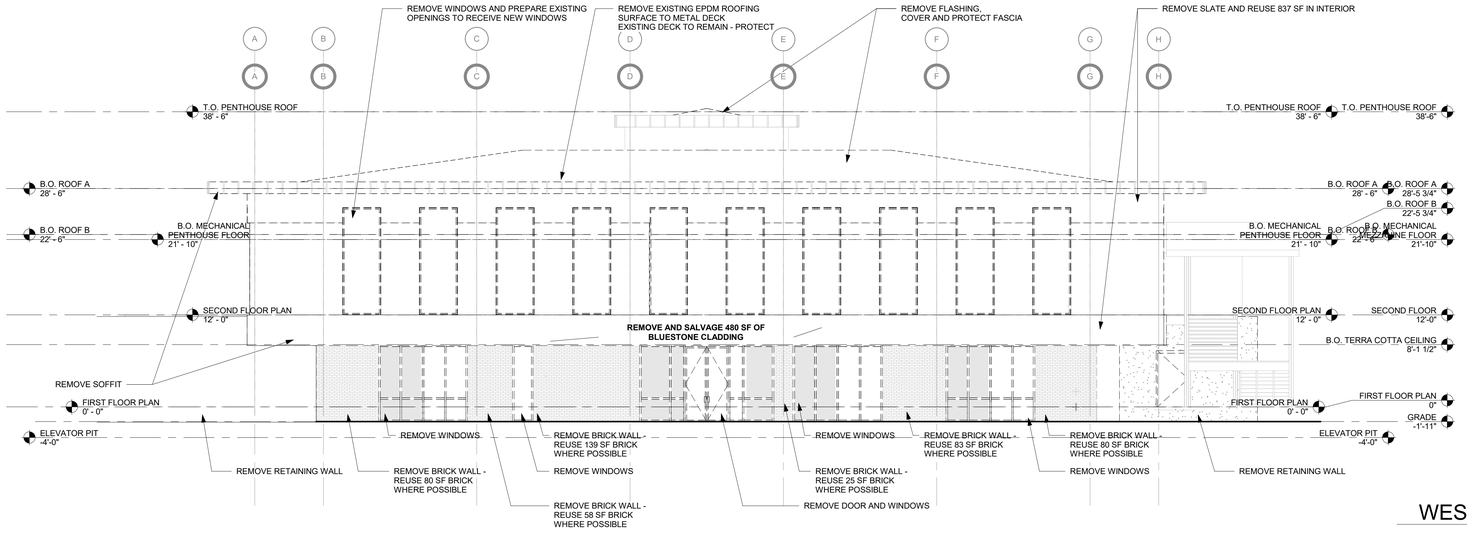
AD-201

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

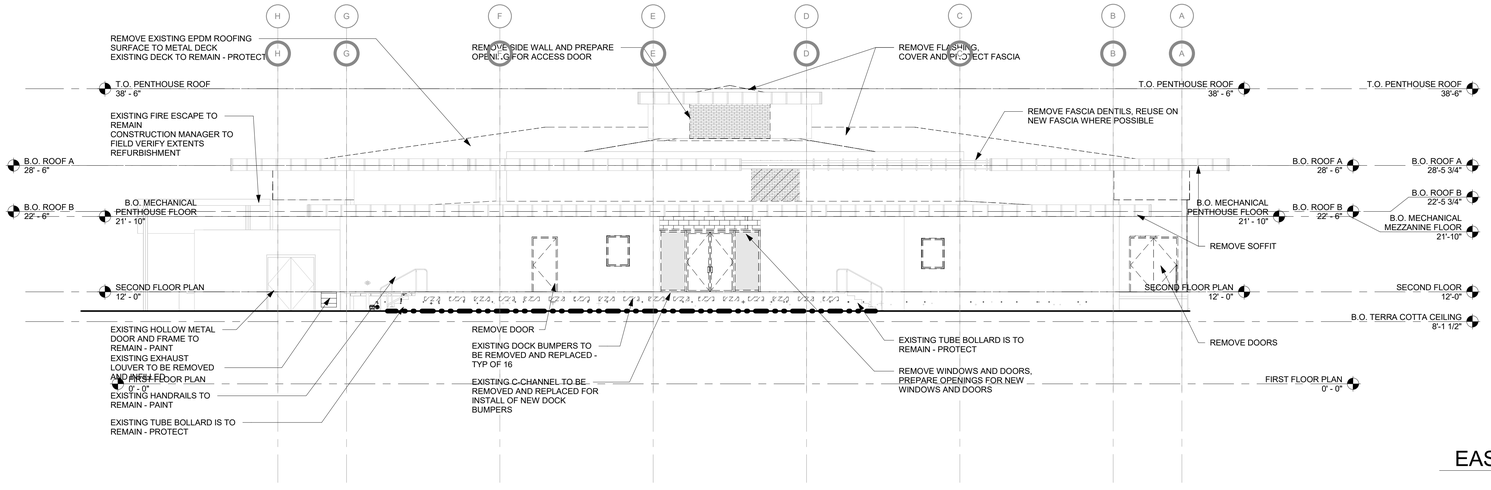
DEMOLITION NOTES

1. EXISTING BRICKS THAT ARE REMOVED FROM THE BUILDING ELEVATION ARE TO BE STACKED, STORED ON PALLETS, PROTECTED AND CLEANED UNTIL RE-INSTALLATION.



WEST DEMO ELEVATION

1/8" = 1'-0" (H1)



EAST DEMO ELEVATION

1/8" = 1'-0" (C1)

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNALDO QUARLES QUIMBY 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

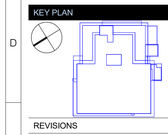
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

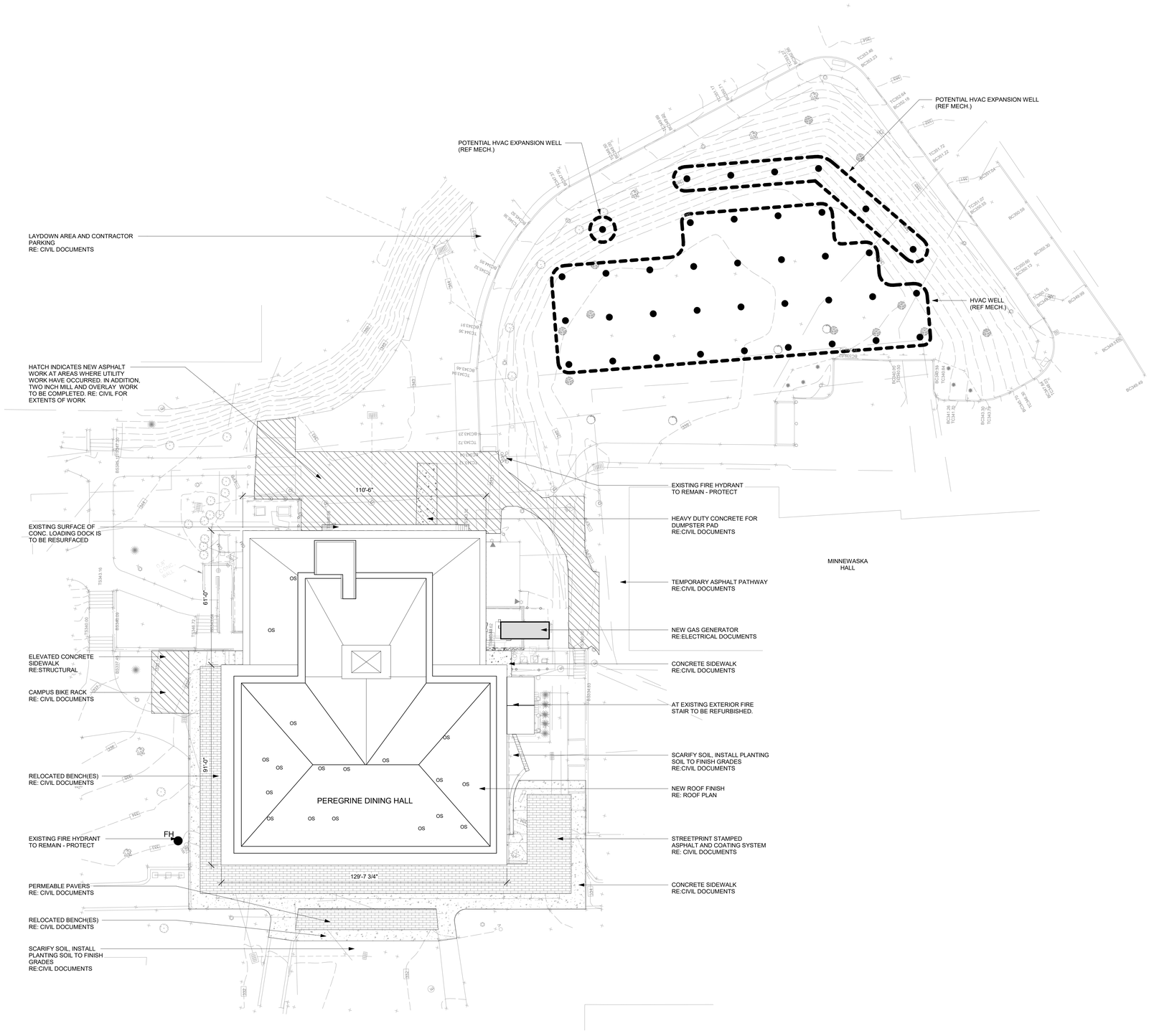
SCALE: As indicated

SHEET NAME:
DEMO ELEVATIONS

SHEET NUMBER:
AD-202

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



ARCHITECTURAL SITE PLAN

1" = 20'-0" A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO GABRIEL QUIMBY 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

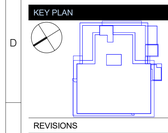
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1" = 20'-0"

SHEET NAME:
ARCHITECTURAL SITE PLAN

SHEET NUMBER:
A-011

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

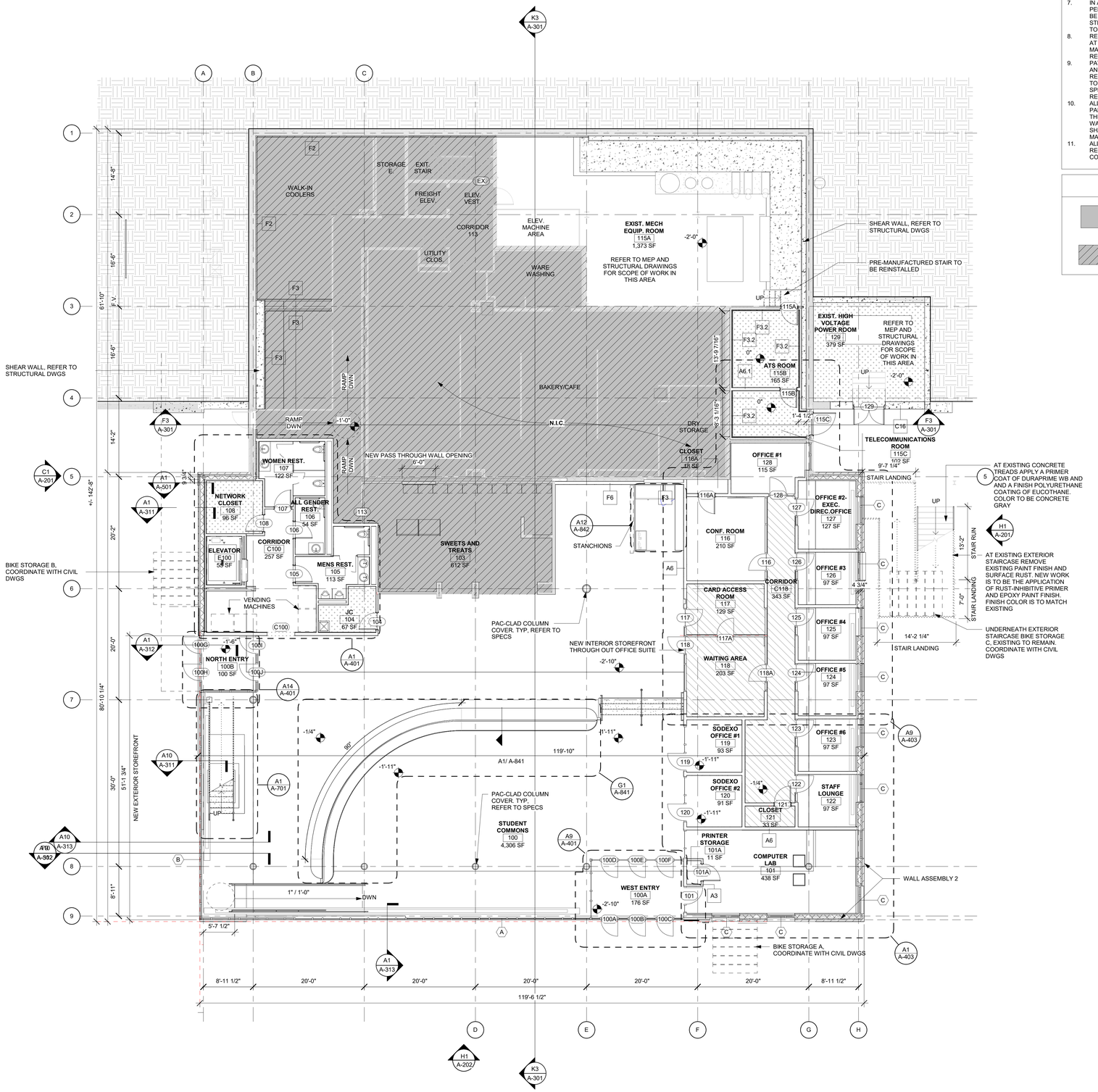
GENERAL NEW WORK NOTES

1. PATCH ALL CMU WALLS SMOOTH AND PAINT PER FINISH SCHEDULE ON A-801.
2. SEE SHEET G-041 FOR WALL TYPES.
3. SEE SHEET A-601 SERIES DWGS FOR DOOR SCHEDULE.
4. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
5. ALL DIMENSIONS ARE MEASURED FROM FACE OF STUD, BOARD, CMU, OR PLASTER U.N.O.
6. ALL EXISTING WALLS WHERE EXISTING DUCTWORK/PIPING HAS BEEN REMOVED, SHALL BE PATCHED WITH SAME SIZE BLOCK IN COURSING READY FOR FINISH AS SCHEDULED. SEE MEP DEMO PLAN FOR EXTENT OF REMOVAL.
7. IN AREAS WERE EXISTING CMU WALLS WERE REMOVED AND WERE PERPENDICULAR TO CMU WALLS REMAINING. THE REMAINING WALL SHALL BE PATCHED AS REQUIRED WITH MORTAR AND JOINT LINE SHALL BE STRIKED. INFILL BLOCK AS REQUIRED FOR STRUCTURAL INTEGRITY OF CMU TO REMAIN. PAINT WALL FOR FINISH PER SCHEDULE.
8. REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIALS BE INCORPORATED IN THE WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.
9. PATCH/ REPAIR/ REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK AND MATCH/ ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN. PREP SURFACES TO RECEIVE ALL LABOR AND MATERIALS REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
10. ALL PENETRATIONS OF EXISTING FLOORS AND FIRE RATED WALL OR SMOKE PARTITIONS SHALL BE PATCHED AND REPAIRED AS REQUIRED TO MAINTAIN THE EXITING FIRE RATINGS OR SMOKE INFILTRATION INTEGRITY OF THE WALL. ALL SLEEVES, WIREWAYS, CABLE TRAYS, PIPES, DUCTWORK, ETC. SHALL BE FIRE SEALED TIGHT TO THE WALL OR FLOOR PENETRATIONS TO MAINTAIN THE REQUIRED CODE COMPLIANT FIRE RATING.
11. ALL INTERIOR EXPOSED STEEL COLUMNS TO BE SCRAPED AND PREPARED TO RECEIVE INDUSTRIAL EPOXY PAINT FINISH UNLESS NOTED OTHERWISE. COLOR TO MATCH PT-1.

NEW WORK LEGEND:

EXISTING CONSTRUCTION TO REMAIN

NOT IN CONTRACT (N.I.C.)



OVERALL FIRST FLOOR PLAN

1/8" = 1'-0"

A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARAM SAMUEL GORDON 032331 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
OVERALL FIRST FLOOR PLAN

SHEET NUMBER:
A-101

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NEW WORK NOTES

1. PATCH ALL CMU WALLS SMOOTH AND PAINT PER FINISH SCHEDULE ON A-801.
2. SEE SHEET G-041 FOR WALL TYPES.
3. SEE SHEET A-601 SERIES DWGS FOR DOOR SCHEDULE.
4. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
5. ALL DIMENSIONS ARE MEASURED FROM FACE OF STUD, BOARD, CMU, OR PLASTER U.N.O.
6. ALL EXISTING WALLS WHERE EXISTING DUCTWORK/PIPING HAS BEEN REMOVED, SHALL BE PATCHED WITH SAME SIZE BLOCK IN COURSING READY FOR FINISH AS SCHEDULED. SEE MEP DEMO PLAN FOR EXTENT OF REMOVAL.
7. IN AREAS WERE EXISTING CMU WALLS WERE REMOVED AND WERE PERPENDICULAR TO CMU WALLS REMAINING, THE REMAINING WALL SHALL BE PATCHED AS REQUIRED WITH MORTAR AND JOINT LINE SHALL BE STRIKED. INFILL BLOCK AS REQUIRED FOR STRUCTURAL INTEGRITY OF CMU TO REMAIN. PAINT WALL FOR FINISH PER SCHEDULE.
8. REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIALS BE INCORPORATED IN THE WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.
9. PATCH/ REPAIR/ REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK AND MATCH/ ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN. PREP SURFACES TO RECEIVE ALL LABOR AND MATERIALS REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
10. ALL PENETRATIONS OF EXISTING FLOORS AND FIRE RATED WALL OR SMOKE PARTITIONS SHALL BE PATCHED AND REPAIRED AS REQUIRED TO MAINTAIN THE EXITING FIRE RATINGS OR SMOKE INFILTRATION INTEGRITY OF THE WALL. ALL SLEEVES, WIREWAYS, CABLE TRAYS, PIPES, DUCTWORK, ETC, SHALL BE FIRE SEALED TIGHT TO THE WALL OR FLOOR PENETRATIONS TO MAINTAIN THE REQUIRED CODE COMPLIANT FIRE RATING.
11. ALL INTERIOR EXPOSED STEEL COLUMNS TO BE SCRAPED AND PREPARED TO RECEIVE INDUSTRIAL EPOXY PAINT FINISH UNLESS NOTED OTHERWISE. COLOR TO MATCH PT-1.

NEW WORK LEGEND:

EXISTING CONSTRUCTION TO REMAIN

NOT IN CONTRACT (N.I.C.)

NEW DOCK BUMPERS. TYP. OF 17
ULINE DOCK BUMPER H-1505 OR
AN APPROVED EQUAL WELDED TO
EXISTING "C" CHANNEL

EXISTING EDGE CHANNEL WITH RUST-
INHIBITIVE PRIMER APPLIED AND EXPOXY PAINT
FINISH. COLOR TO MATCH EXISTING

EXISTING LOADING DOCK CONC. PLATFORM &
STAIRS TO BE RESURFACED. REFER TO STRUCT
DWGS FOR CONC REPAIR WORK

EXISTING HANDRAILS TO BE
REINSTALLED AT STAIRS OF
LOADING DOCK

NEW WALL INFILL
FIELD VERIFY EXTENTS

WALL TO BE INFILLED
WITH BRICK TO MATCH
EXISTING CONDITIONS

NEW TOPPING SLAB
2,800 SF

PAC-CLAD COLUMN
COVER. TYP.
REFER TO SPECS

INSTALL NEW 8'-0"

WALK-IN FREEZER 208A 117 SF
BULK WALK IN REFRIDGERATOR 208 238 SF
BULK DRY STORAGE 207 322 SF
WARE WASH & POT WASH 206 935 SF
KITCHEN & SERVERY 205 3,220 SF
EXIT STAIR S1209 133 SF
FREIGHT ELEV.
RECEIVING ENTRY 209 187 SF
ALL GENDER REST. 210A 54 SF
LOCKER ROOM 210 68 SF
FOOD OIL STORAGE 221 36 SF
OFFICE 211 62 SF
PREP COOLER #1 212A 157 SF
PREP COOLER #2 212B 114 SF
EXIST. BOILER ROOM 230 499 SF
EMERGENCY GENERATOR
ELECTRICAL CLOSET 220 102 SF
ALL GENDER RESTROOM 202 52 SF
ALL GENDER TOILET ROOM 204 141 SF
ELEVATOR
CORRIDOR 200A 87 SF
JC 203 36 SF
NORTH ENTRY 201 311 SF
POS
DINING AREA 200 6,601 SF
PLATFORM 200A 601 SF
SODEXO DINING HALL MANAGER OFFICE #4 213 85 SF
SODEXO MARKETING OFFICE #3 214 96 SF
MAIN STAIR
OPEN TO BELOW

11'-5 1/2" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 10'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 2'-6" M.O.

8'-11 1/2" | 20'-0" | 20'-0" | 20'-0" | 20'-0" | 20'-0" | 8'-11 1/2"

119'-3" F.V.

OVERALL SECOND FLOOR PLAN (A1)

1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL PARISI 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: OVERALL SECOND FLOOR PLAN
SHEET NUMBER: A-102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

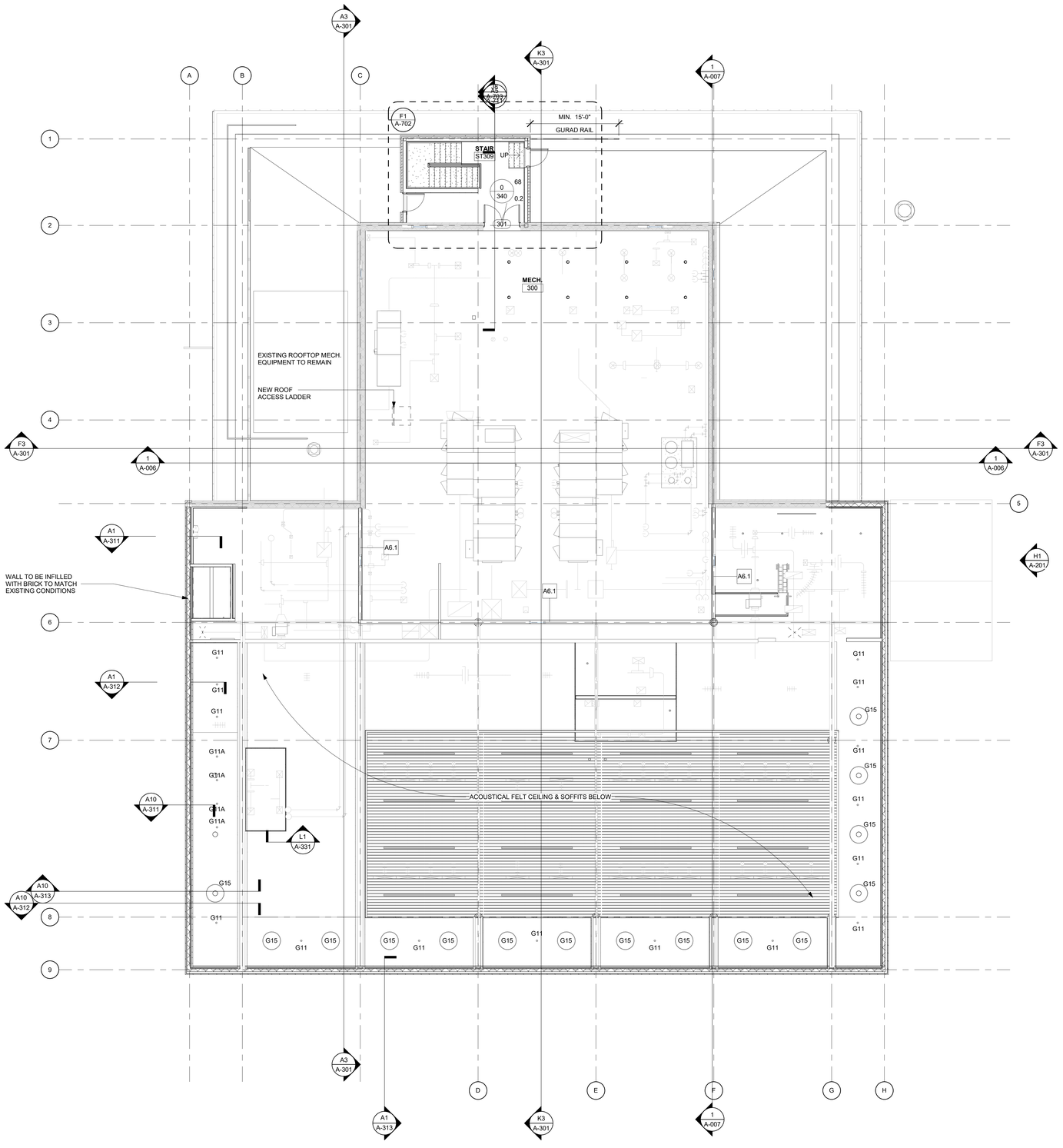
GENERAL NEW WORK NOTES

1. PATCH ALL CMU WALLS SMOOTH AND PAINT PER FINISH SCHEDULE ON A-801.
2. SEE SHEET G-041 FOR WALL TYPES.
3. SEE SHEET A-601 SERIES DWGS FOR DOOR SCHEDULE.
4. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
5. ALL DIMENSIONS ARE MEASURED FROM FACE OF STUD, BOARD, CMU, OR PLASTER U.N.O.
6. ALL EXISTING WALLS WHERE EXISTING DUCTWORK/PIPING HAS BEEN REMOVED, SHALL BE PATCHED WITH SAME SIZE BLOCK IN COURSING READY FOR FINISH AS SCHEDULED. SEE MEP DEMO PLAN FOR EXTENT OF REMOVAL.
7. IN AREAS WERE EXISTING CMU WALLS WERE REMOVED AND WERE PERPENDICULAR TO CMU WALLS REMAINING. THE REMAINING WALL SHALL BE PATCHED AS REQUIRED WITH MORTAR AND JOINT LINE SHALL BE STRIKED. INFILL BLOCK AS REQUIRED FOR STRUCTURAL INTEGRITY OF CMU TO REMAIN. PAINT WALL FOR FINISH PER SCHEDULE.
8. REUSE OF SALVAGED MATERIALS, NOT SPECIFICALLY SCHEDULED, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIALS BE INCORPORATED IN THE WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.
9. PATCH/ REPAIR/ REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK AND MATCH/ ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN. PREP SURFACES TO RECEIVE ALL LABOR AND MATERIALS REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
10. ALL PENETRATIONS OF EXISTING FLOORS AND FIRE RATED WALL OR SMOKE PARTITIONS SHALL BE PATCHED AND REPAIRED AS REQUIRED TO MAINTAIN THE EXITING FIRE RATINGS OR SMOKE INFILTRATION INTEGRITY OF THE WALL. ALL SLEEVES, WIREWAYS, CABLE TRAYS, PIPES, DUCTWORK, ETC. SHALL BE FIRE SEALED TIGHT TO THE WALL OR FLOOR PENETRATIONS TO MAINTAIN THE REQUIRED CODE COMPLIANT FIRE RATING.
11. ALL INTERIOR EXPOSED STEEL COLUMNS TO BE SCRAPED AND PREPARED TO RECEIVE INDUSTRIAL EPOXY PAINT FINISH UNLESS NOTED OTHERWISE. COLOR TO MATCH PT-1.

NEW WORK LEGEND:

EXISTING CONSTRUCTION TO REMAIN

NOT IN CONTRACT (N.I.C.)



OVERALL MECHANICAL MEZZANINE FLOOR PLAN

1/8" = 1'-0"

A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL DUMONT 023313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

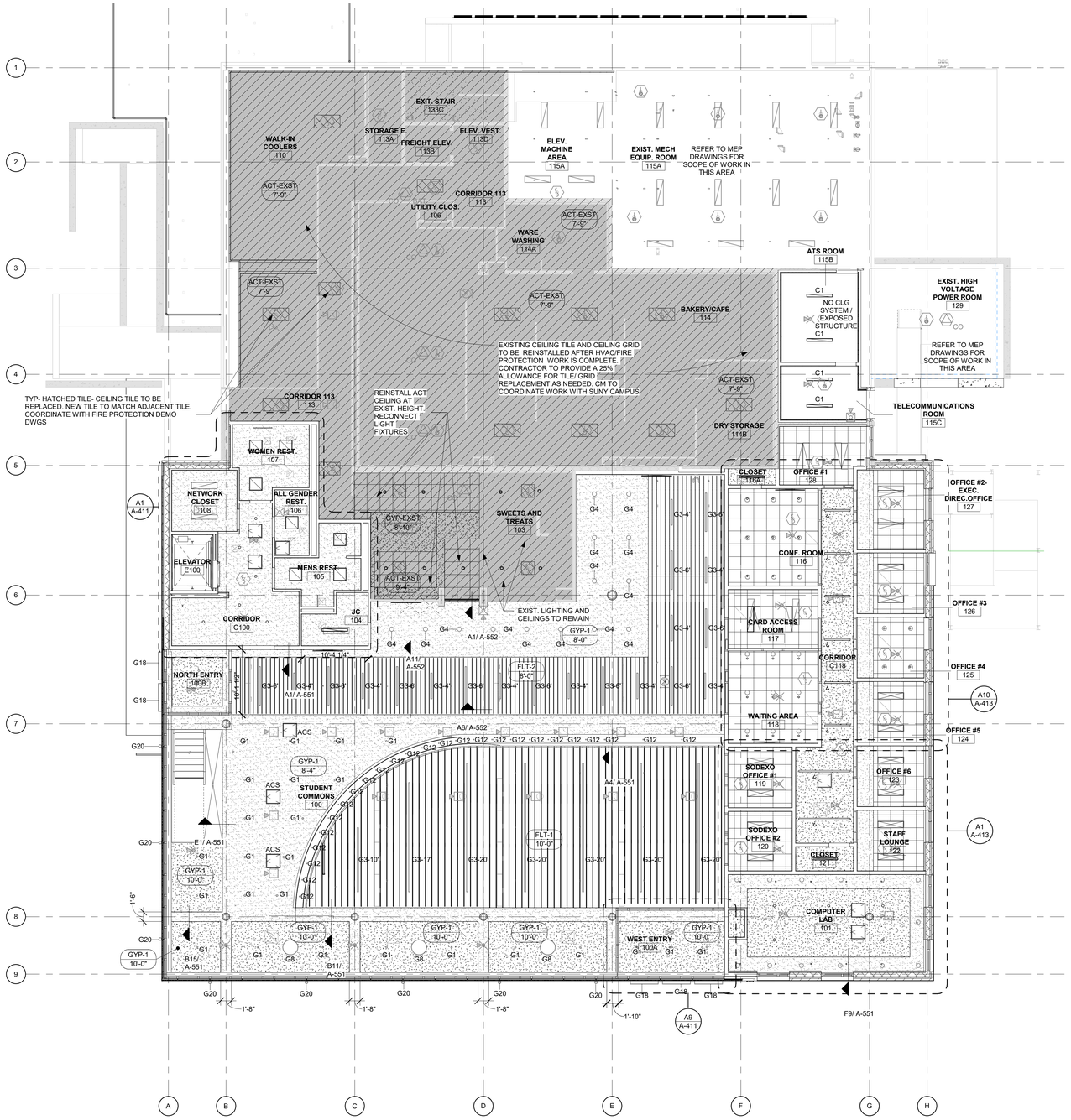
SHEET NAME:
MECHANICAL
MEZZANINE FLOOR PLAN

SHEET NUMBER:

A-103

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



RCP GENERAL NOTES:

1. CENTER ALL CEILING TILE GRIDS BOTH DIRECTIONS IN ALL ROOMS/SPACES/CORRIDORS, NO PERIMETER GRID SPACING/ACOUSTICAL TILE CUT LESS THAN 6".
2. ALL LIGHT DIMENSIONS ARE MEASURED FROM CENTERLINE OF FIXTURE TO FACE OF WALL/SOFFIT U.N.O.
3. CEILING MOUNTED ELEMENTS (I.E. LIGHT FIXTURES, EXIT SIGNS, HVAC REGISTERS, SPRINKLER HEADS, SPEAKERS, WIRELESS ACCESS POINTS, ETC) SHALL BE CENTERED IN CEILING TILES.
4. REFER TO ELECTRICAL PLANS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND EXIT SIGNS.
5. APPROXIMATE LOCATION OF CHILLED BEAM GRILL WITHIN ACOUSTIC CEILING TILE ON ARCHITECTURAL GOVERN. COORDINATE WITH MEP.
6. PROVIDE 2'X2' ACCESS PANELS IN GYP BD. CEILING AT ALL CLEAN OUTS AS INDICATED ON MEP DRAWINGS. ARCHITECT TO VERIFY LOCATION OF ACCESS PANELS ON SHOP DRAWINGS.
7. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT - COORDINATE WITH MECH PLANS TYP.
8. ALL AREAS WITHOUT PATTERN HAVE EXPOSED CEILINGS.
9. REFER TO A-551, A-552 FOR CEILING DETAILS.
10. WHERE A 2'X4' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE CENTERED ON TILE.
11. WHERE A 2'X2' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE LOCATED TO ONE SIDE AS DEPICTED ON RCP.
12. REPLACE AND PROVIDE ACOUSTICAL TILES AT LOCATIONS OF FIXTURE / DEVICE REMOVALS.
13. CONTRACTOR TO COORDINATE RCP'S WINDOW SHADE INSTALLATIONS.
14. SHADOW MOLDING TO BE USED AROUND THE PERIMETER OF ACOUSTIC CEILING TILE WHEN EDGE TILE IS LESS THAN 5".
15. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

CEILING PLAN LEGEND

- SUSPENDED ACOUSTICAL CEILING: 1'X1', 2'X2', & 2'X4' SYSTEMS
- CEILING TILE TO BE REPLACED TO MATCH ADJACENT
- SMOKE DETECTOR
- FIRE ALARM SPEAKER STROBE
- GYPSUM WALLBOARD, CEMENT OR GYP PLASTER
- EXPOSED STRUCTURE
- EXISTING TO REMAIN
- FELT ACOUSTIC CEILING
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- ACCESS PANEL (ACS)

LIGHT FIXTURE LEGEND

C1	HIGH OUTPUT SURFACE MOUNT LED	C7	LED LOW PROFILE CANOPY FIXTURE
C2	WALL SURFACE MOUNT LED	C8	4" ROUND LED, SURFACE MOUNT
C3	1X4 PANEL, RECESSED GRID LAY-IN	C9	LED COVE LIGHT
C4	2X2 PANEL, RECESSED GRID LAY-IN	C10	3" LED SLOT FIXTURE, RECESSED
C5	4.5" ROUND DOWNLIGHT, RECESSED	C11	3" LED SLOT FIXTURE, RECESSED
C6	2X2 LED PANEL, RECESSED		
EX1	LED SINGLE FACE EXIT FIXTURE	EX2	LED DOUBLE FACE EXIT FIXTURE
G1	3" ROUND DOWNLIGHT, RECESSED	G11	3" ROUND DOWNLIGHT, RECESSED
G2	NOT USED	G11A	3" ROUND LENSED WALLWASHER
G3	LINEAR PENDANT, VARIED LENGTHS	G12	1.5" ROUND DOWNLIGHT, RECESSED
G4	8" ROUND DOWNLIGHT, SURFACE	G13	6"X12" COMBO 2 HEADS, RECESSED
G5	SLOT LINEAR, RECESSED MUD-IN	G14	LINEAR WALLWASHER, RECESSED
G6	3" CYLINDER SCONCE, SURFACE	G15	36" ROUND DECORATIVE PENDANT
G6A	NOT USED	G16	24" ROUND DECORATIVE PENDANT
G7	36" ROUND DOWNLIGHT, SEMI-RECESSED	G17	2" ROUND MILLWORK DOWNLIGHT, SEMI-RECESSED
G8	28" ROUND ACOUSTIC PENDANT	G18	2.4" LINEAR, MULLION MOUNT
G9A	2X2 FLAT PANEL, RECESSED	G19	NOT USED
G10	8" ROUND GLOBE PENDANT	G20	3" MULLION MOUNT CYLINDER

NOTE: REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE

OVERALL FIRST FLOOR RCP — A1
1/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARKADIY SAMUEL DUBSON — 022313 — STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

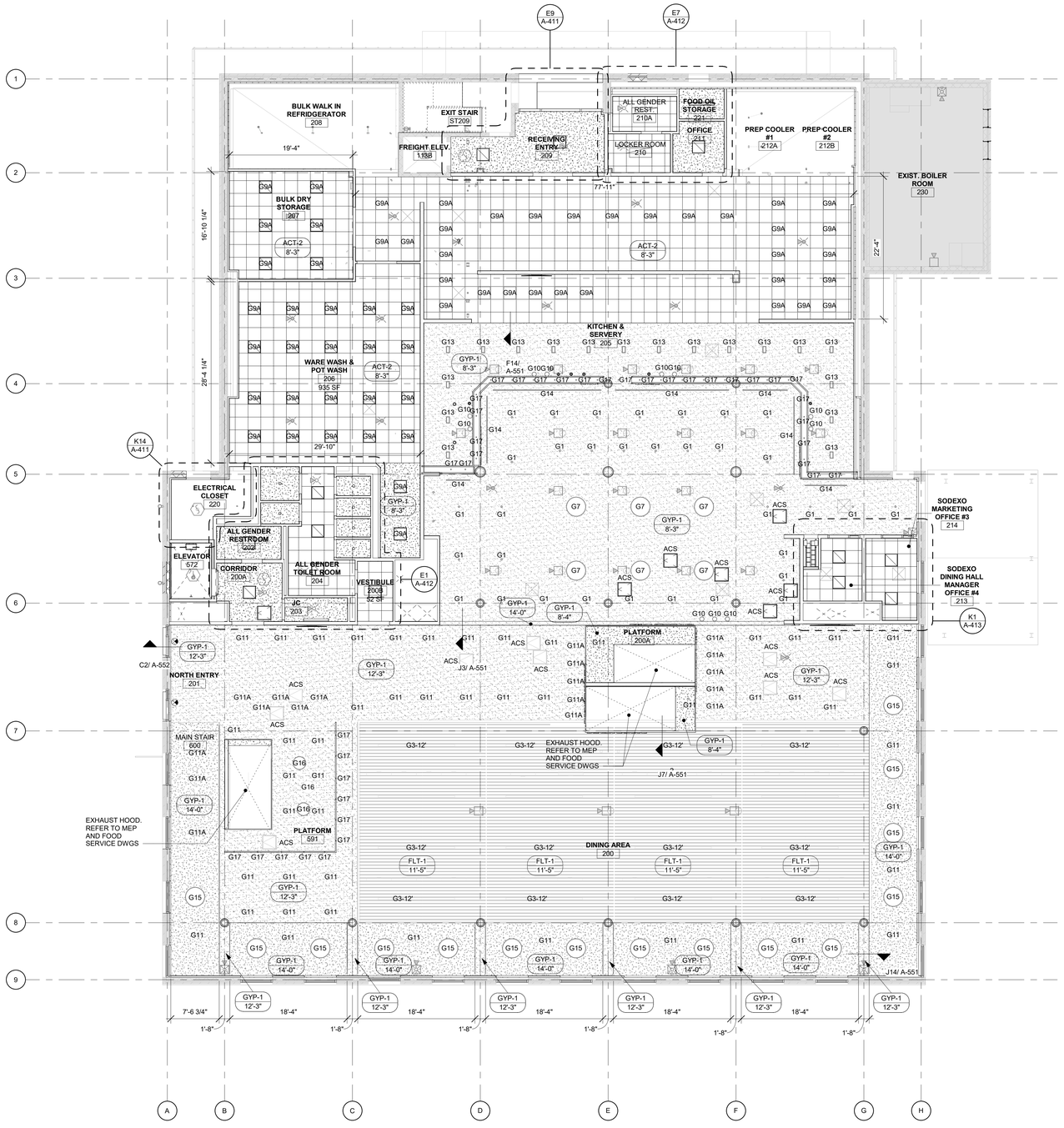
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRST FLOOR RCP
SHEET NUMBER: A-111

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



RCP GENERAL NOTES:

1. CENTER ALL CEILING TILE GRIDS BOTH DIRECTIONS IN ALL ROOMS/SPACES/CORRIDORS, NO PERIMETER GRID SPACING/ACOUSTICAL TILE CUT LESS THAN 6".
2. ALL LIGHT DIMENSIONS ARE MEASURED FROM CENTERLINE OF FIXTURE TO FACE OF WALL/SOFFIT U.N.O.
3. CEILING MOUNTED ELEMENTS (I.E. LIGHT FIXTURES, EXIT SIGNS, HVAC REGISTERS, SPRINKLER HEADS, SPEAKERS, WIRELESS ACCESS POINTS, ETC) SHALL BE CENTERED IN CEILING TILES.
4. REFER TO ELECTRICAL PLANS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND EXIT SIGNS.
5. APPROXIMATE LOCATION OF CHILLED BEAM GRILL WITHIN ACOUSTIC CEILING TILE ON ARCHITECTURAL GOVERN. COORDINATE WITH MEP.
6. PROVIDE 2'X2' ACCESS PANELS IN GYP BD. CEILING AT ALL CLEAN OUTS AS INDICATED ON MEP DRAWINGS. ARCHITECT TO VERIFY LOCATION OF ACCESS PANELS ON SHOP DRAWINGS.
7. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT - COORDINATE WITH MECH PLANS TYP.
8. ALL AREAS WITHOUT PATTERN HAVE EXPOSED CEILINGS.
9. REFER TO A-551, A-552 FOR CEILING DETAILS.
10. WHERE A 2'X4' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE CENTERED ON TILE.
11. WHERE A 2'X2' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE LOCATED TO ONE SIDE AS DEPICTED ON RCP.
12. REPLACE AND PROVIDE ACOUSTICAL TILES AT LOCATIONS OF FIXTURE / DEVICE REMOVALS.
13. CONTRACTOR TO COORDINATE RCP'S WINDOW SHADE INSTALLATIONS.
14. SHADOW MOLDING TO BE USED AROUND THE PERIMETER OF ACOUSTIC CEILING TILE WHEN EDGE TILE IS LESS THAN 5".
15. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

CEILING PLAN LEGEND

- SUSPENDED ACOUSTICAL CEILING: 1'X1', 2'X2', & 2'X4' SYSTEMS
- CEILING TILE TO BE REPLACED TO MATCH ADJACENT
- GYPSUM WALLBOARD, CEMENT OR GYP PLASTER
- SMOKE DETECTOR
- EXPOSED STRUCTURE
- FIRE ALARM SPEAKER STROBE
- EXISTING TO REMAIN
- FELT ACOUSTIC CEILING
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- ACCESS PANEL (ACS)

LIGHT FIXTURE LEGEND

C1	HIGH OUTPUT SURFACE MOUNT LED	C7	LED LOW PROFILE CANOPY FIXTURE
C2	WALL SURFACE MOUNT LED	C8	4" ROUND LED, SURFACE MOUNT
C3	1X4 PANEL, RECESSED GRID LAY-IN	C9	LED COVE LIGHT
C4	2X2 PANEL, RECESSED GRID LAY-IN	C10	3" LED SLOT FIXTURE, RECESSED
C5	4.5" ROUND DOWNLIGHT, RECESSED	C11	3" LED SLOT FIXTURE, RECESSED
C6	2X2 LED PANEL, RECESSED		
EX1	LED SINGLE FACE EXIT FIXTURE	EX2	LED DOUBLE FACE EXIT FIXTURE
G1	3" ROUND DOWNLIGHT, RECESSED	G11	3" ROUND DOWNLIGHT, RECESSED
G2	NOT USED	G11A	3" ROUND LENSED WALLWASHER
G3	LINEAR PENDANT, VARIED LENGTHS	G12	1.5" ROUND DOWNLIGHT, RECESSED
G4	8" ROUND DOWNLIGHT, SURFACE	G13	6"X12" COMBO 2 HEADS, RECESSED
G5	SLOT LINEAR, RECESSED MUD-IN	G14	LINEAR WALLWASHER, RECESSED
G6	3" CYLINDER SCONCE, SURFACE	G15	36" ROUND DECORATIVE PENDANT
G6A	NOT USED	G16	24" ROUND DECORATIVE PENDANT
G7	36" ROUND DOWNLIGHT, SEMI-RECESSED	G17	2" ROUND MILLWORK DOWNLIGHT, SEMI-RECESSED
G8	28" ROUND ACOUSTIC PENDANT	G18	2.4" LINEAR, MULLION MOUNT
G9A	2X2 FLAT PANEL, RECESSED	G19	NOT USED
G10	8" ROUND GLOBE PENDANT	G20	3" MULLION MOUNT CYLINDER

NOTE: REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE

OVERALL SECOND FLOOR RCP

1/8" = 1'-0"

A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIATA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

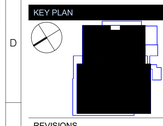
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
SECOND FLOOR RCP

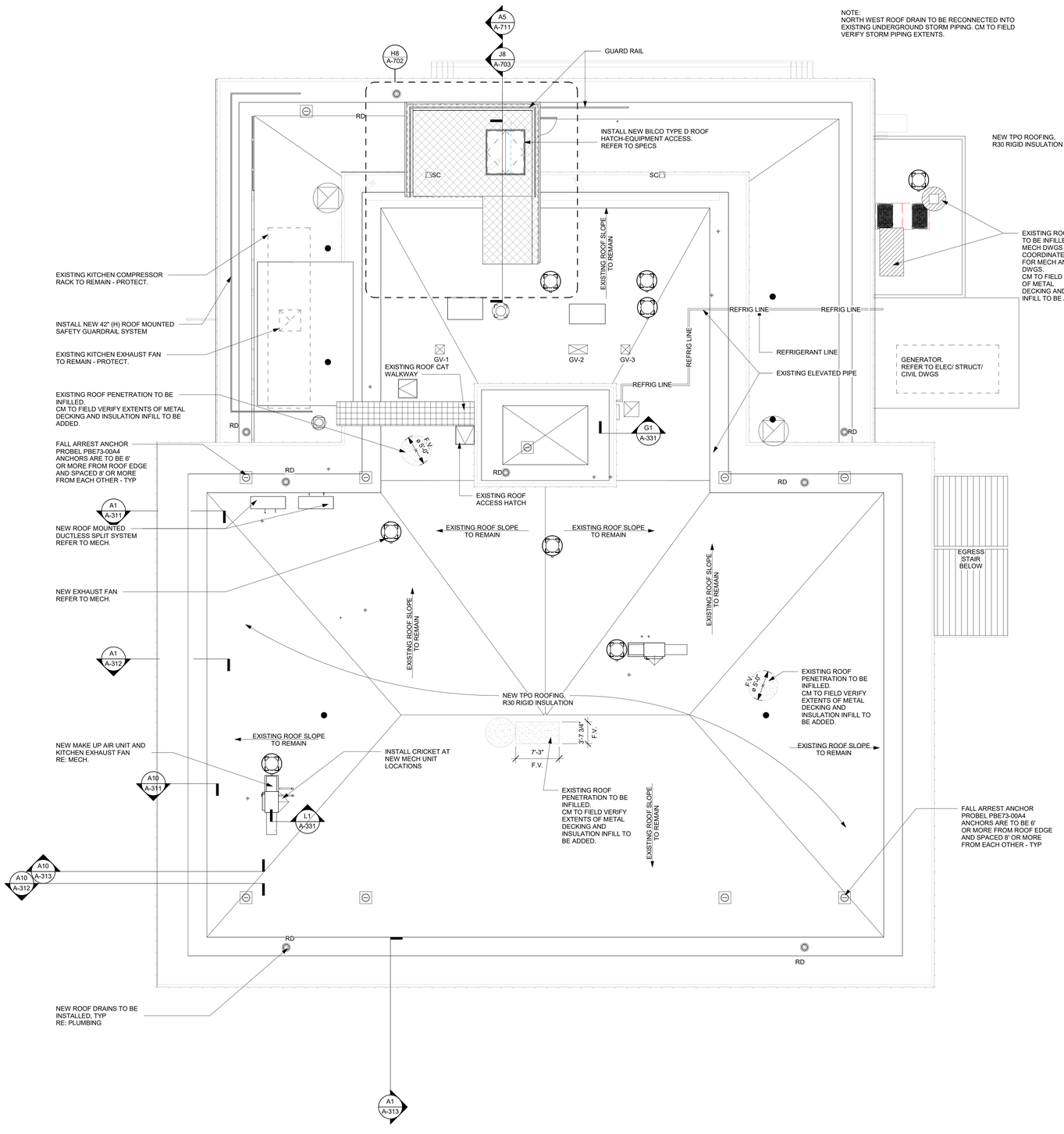
SHEET NUMBER:
A-112

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ROOF PLAN LEGEND

- EXHAUST FAN
- ROOF DRAIN
- ROOF VENT
- ROOF HATCH
- ROOFTOP MECHANICAL EQUIPMENT
- ROOFTOP MECHANICAL EQUIPMENT
- THROUGH-WALL SCUPPER
- E.J. — EXPANSION JOINT COVER ASSEMBLY



OVERALL ROOF PLAN

1/8" = 1'-0" — A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARCHITECTURE — ADMINISTRATION — 022313 — STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

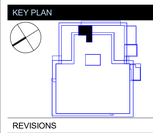
New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

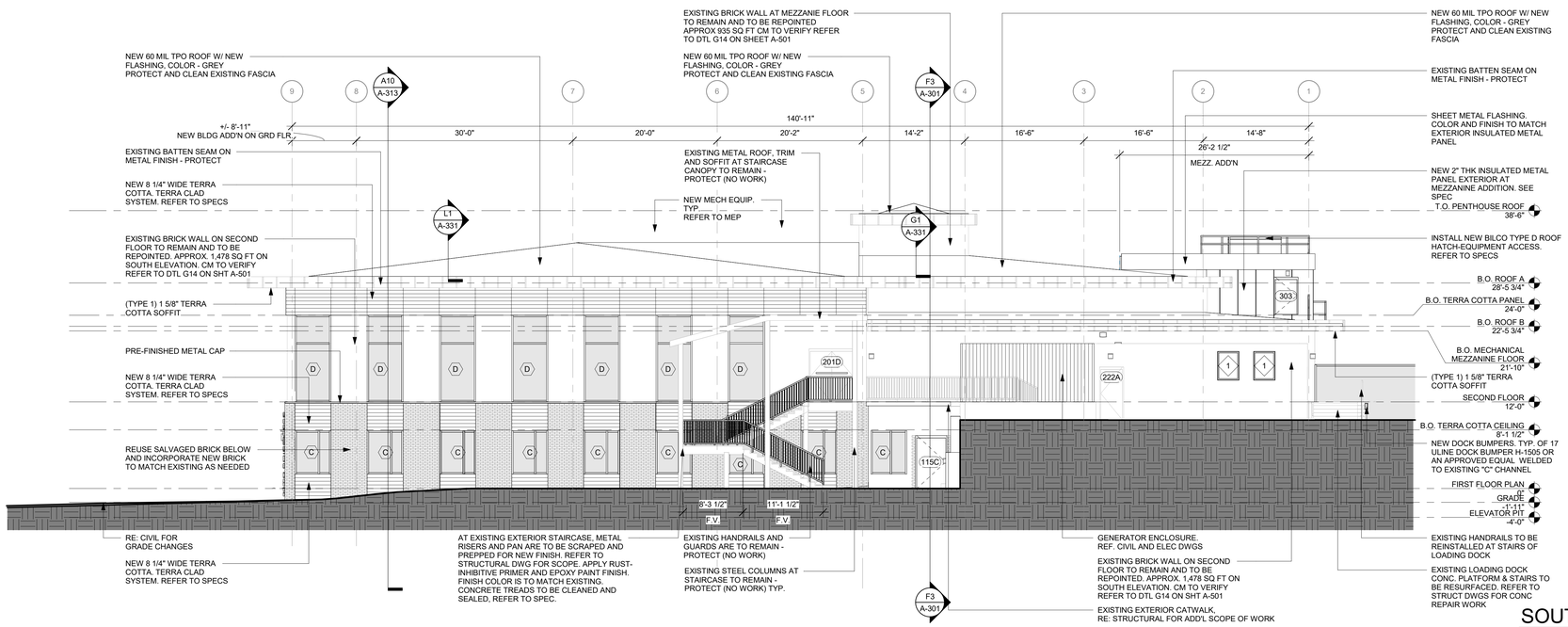
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME:
OVERALL ROOF PLAN

SHEET NUMBER:
A-121

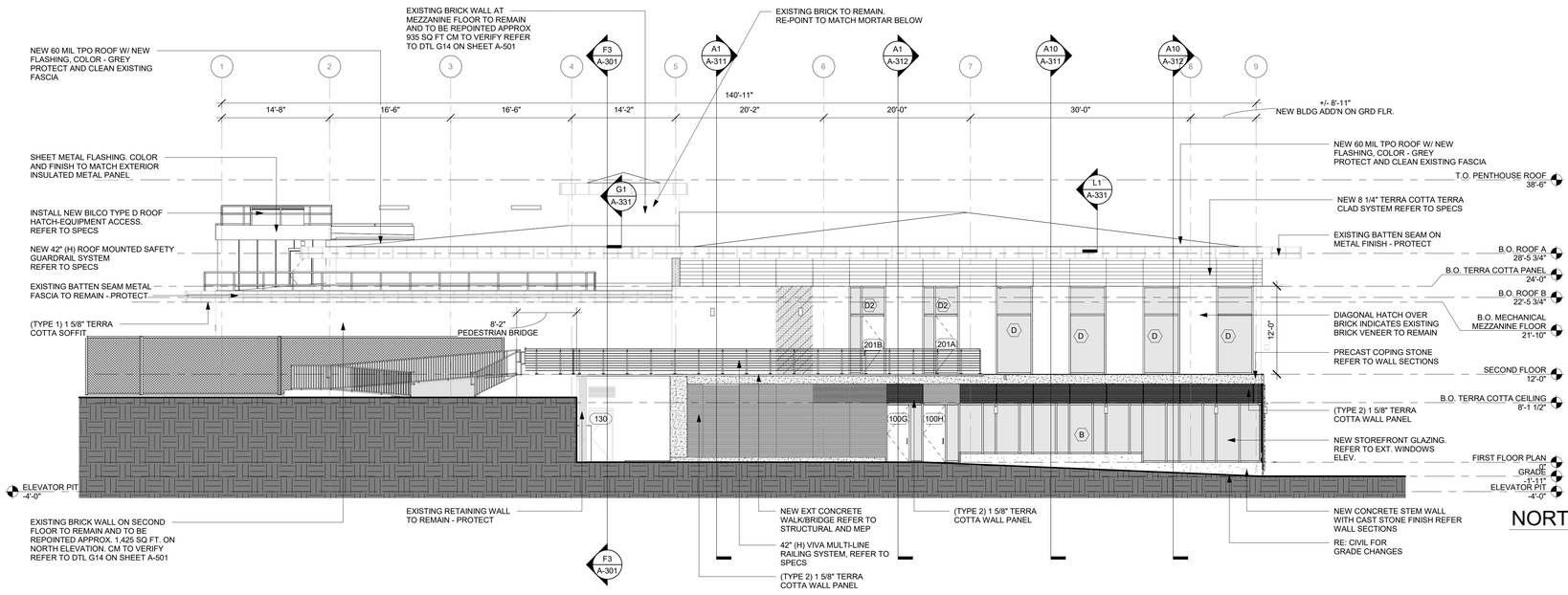
BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:
1. REFER TO H11/A503 FOR REPOINTING DETAILS



SOUTH ELEVATION
1/8" = 1'-0" — H1



NORTH ELEVATION
1/8" = 1'-0" — C1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO GUTIERREZ-QUIMBY 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

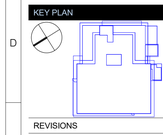
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

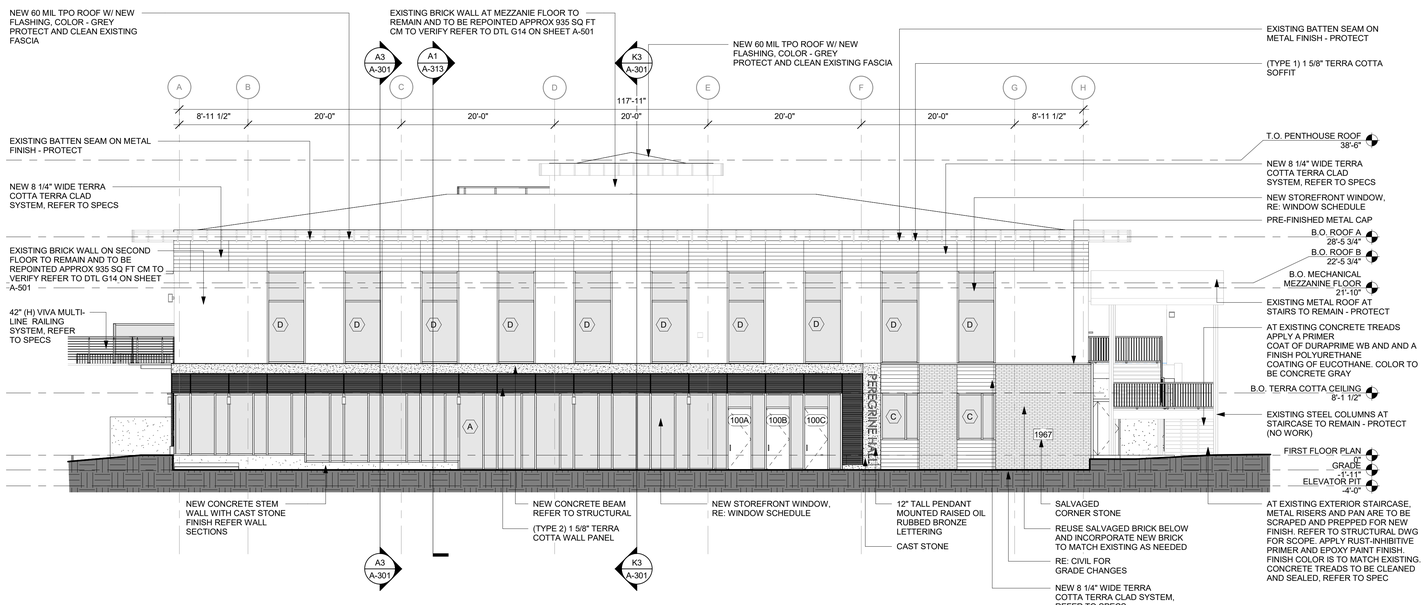
ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
BUILDING ELEVATIONS

SHEET NUMBER:
A-201

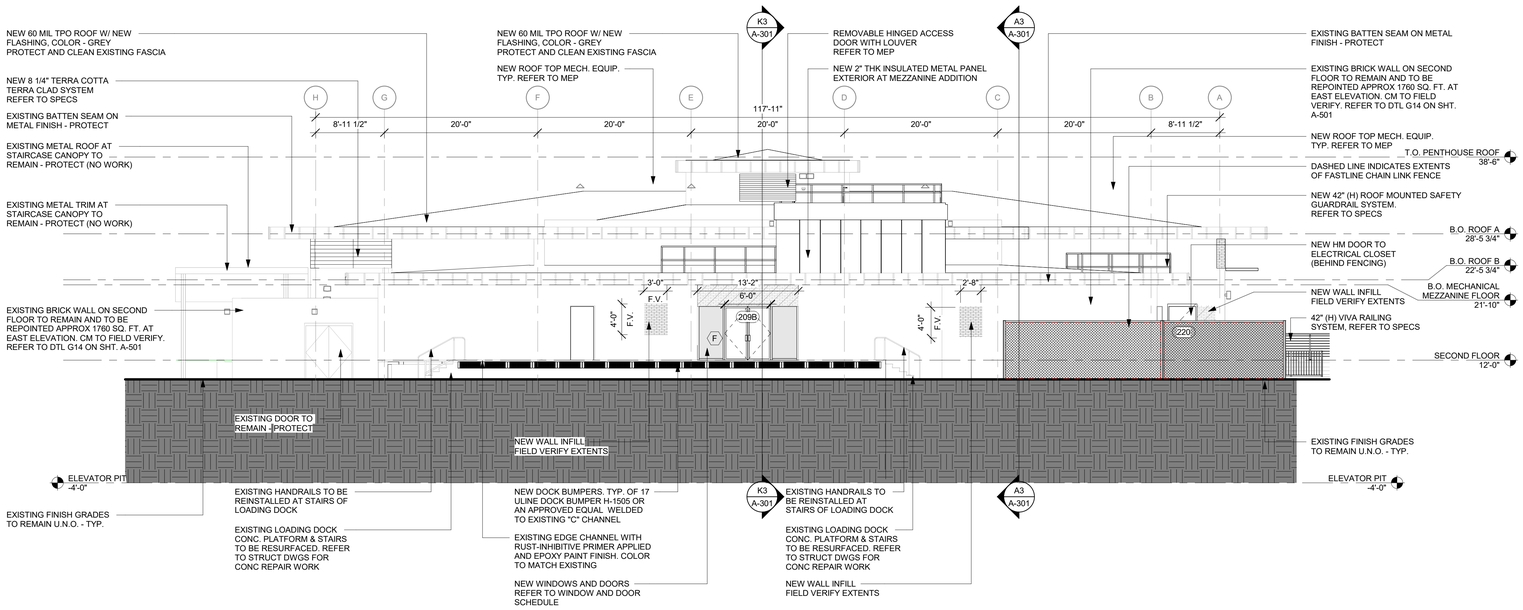
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:
1. REFER TO H11/A503 FOR REPOINTING DETAILS



WEST ELEVATION H1
1/8" = 1'-0"



EAST ELEVATION C1
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO GABRIEL QUIMINAL 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

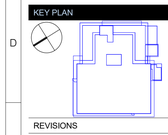
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

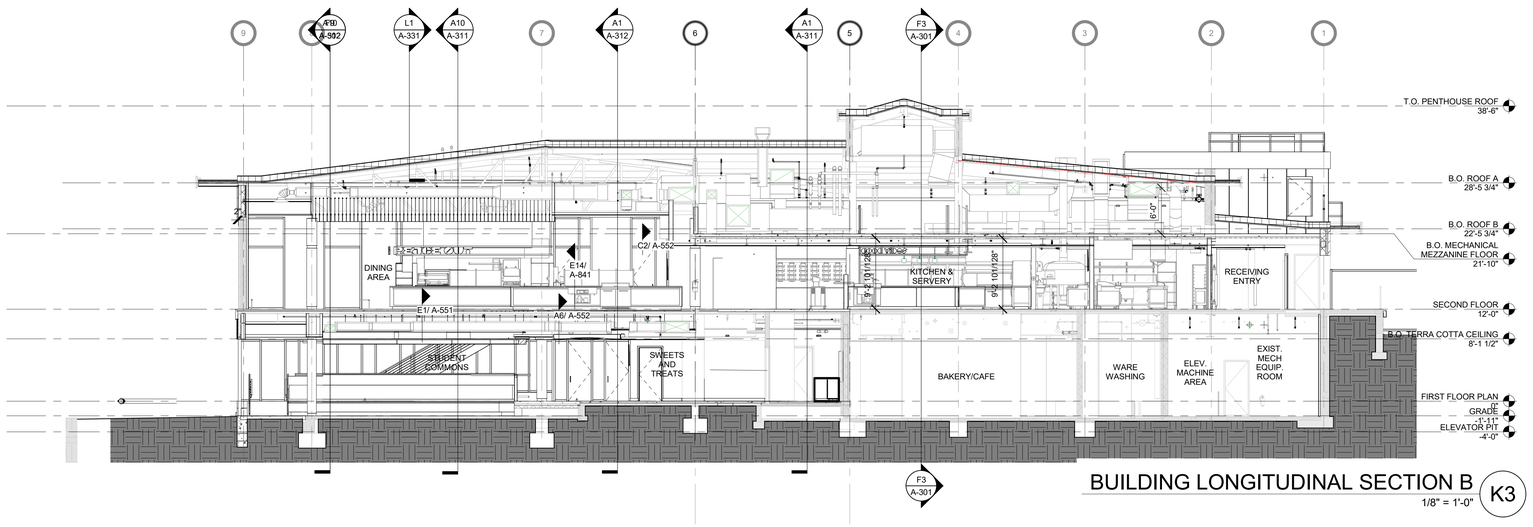
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
BUILDING ELEVATIONS

SHEET NUMBER:
A-202

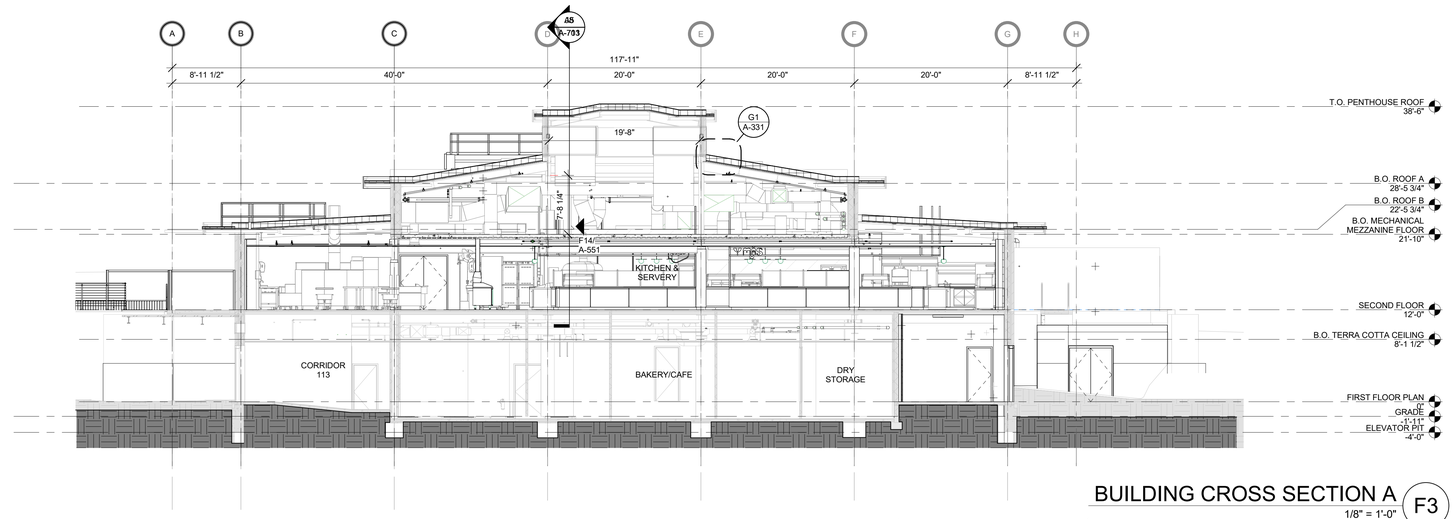
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



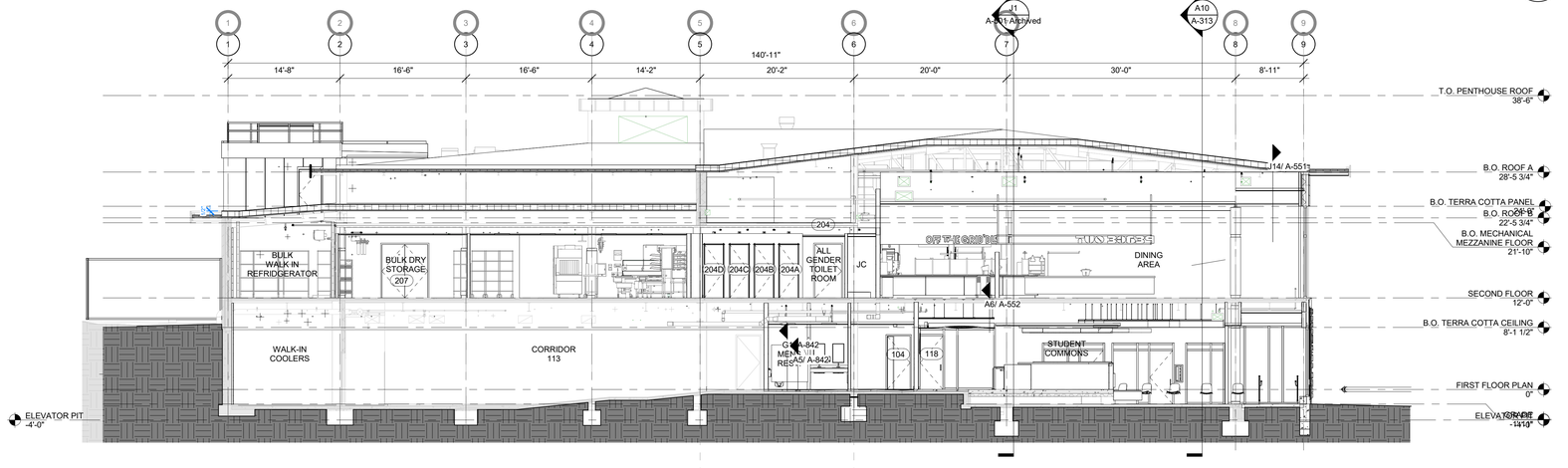
BUILDING LONGITUDINAL SECTION B

1/8" = 1'-0" — K3



BUILDING CROSS SECTION A

1/8" = 1'-0" — F3



BUILDING LONGITUDINAL SECTION A

1/8" = 1'-0" — A3

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARAM SAMUEL GORGEN
023231
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

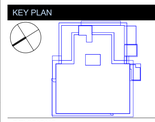
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
BUILDING SECTIONS

SHEET NUMBER:
A-301

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

EXTERIOR MATERIAL LEGEND

EXISTING BRICK VENEER	EXISTING BRICK VENEER
REUSE SALVAGED BRICK	REUSE SALVAGED BRICK
TERRA COTTA PANEL FRIEZE BOARD	TERRA COTTA PANEL AT FRIEZE
FASCIA AND BATTEN	FASCIA AND BATTEN

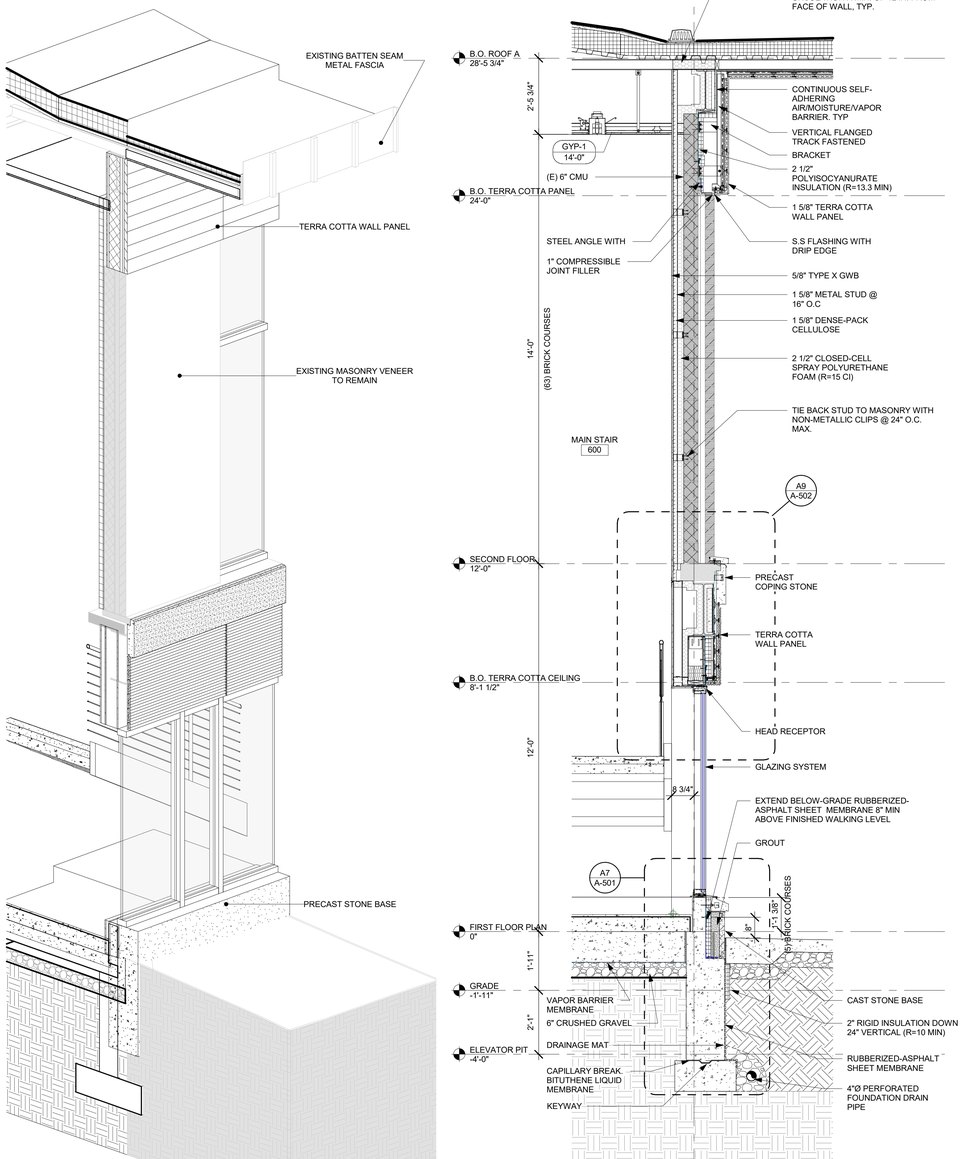
EXTERIOR ASSEMBLIES LEGEND

NYS ASHRAE 90.1- 2025 CLIMATE ZONE 6

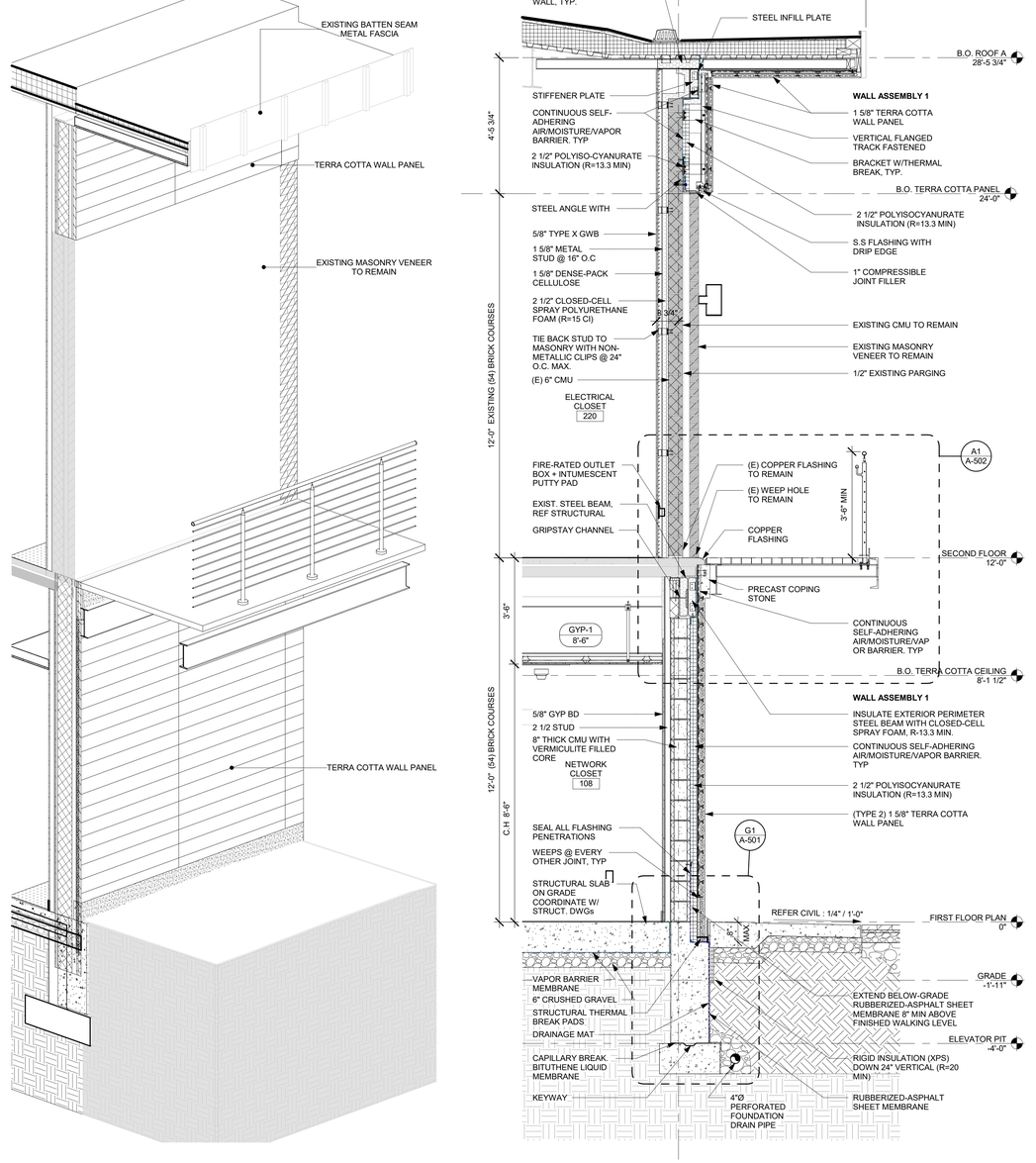
- **ROOF**
  INSULATION ENTIRELY ABOVE ROOF DECK: R30CI
- **WALLS (ABOVE GRADE)**
  MASS: R13.3CI
- **WALLS (BELOW GRADE)**
  BELOW GRADE WALL: R10CI
- **FLOORS**
  MASS: R16.7CI
- **SLAB ON GRADE FLOORS**
  UNHEATED SLABS: R20 FOR 24" BELOW

WALL ASSEMBLY 1
- 1 5/8" THK. TERRA COTTA
- ALUMINUM TRACK W/CLIPS, & GASKETS
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- EXISTING 6" CMU

WALL ASSEMBLY 2
- 3 5/8" THK. BRICK VENEER
- 1 3/4" AIR GAP
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- 7 5/8" CMU



WALL SECTION 2
1/2" = 1'-0" A10



WALL SECTION 1
1/2" = 1'-0" A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL PORTANOVA 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

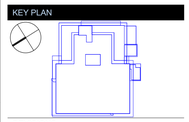
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	Revision 1	Date 1

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
WALL SECTIONS

SHEET NUMBER:
A-311

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

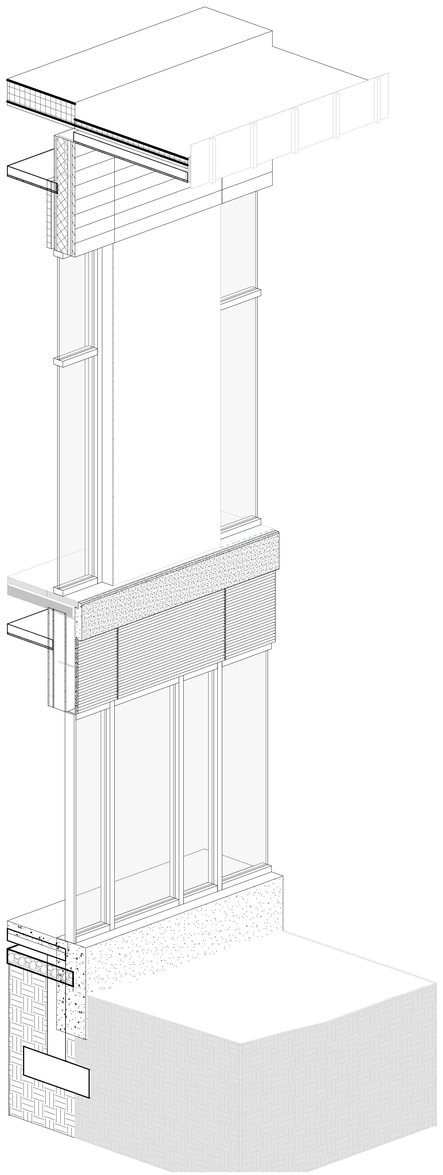
EXTERIOR ASSEMBLIES LEGEND

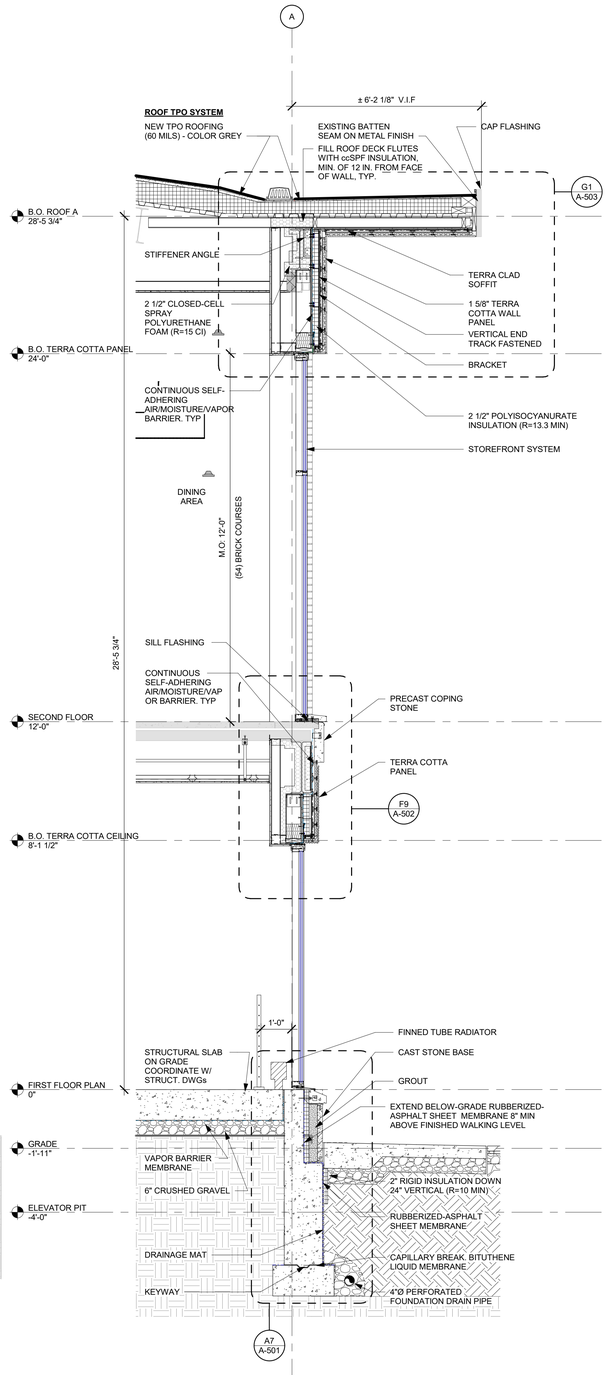
NYS ASHRAE 90.1- 2025 CLIMATE ZONE 6

- **ROOF**
  INSULATION ENTIRELY ABOVE ROOF DECK: R30CI
- **WALLS (ABOVE GRADE)**
  MASS: R13.3CI
- **WALLS (BELOW GRADE)**
  BELOW GRADE WALL: R10CI
- **FLOORS**
  MASS: R16.7CI
- **SLAB ON GRADE FLOORS**
  UNHEATED SLABS: R20 FOR 24" BELOW

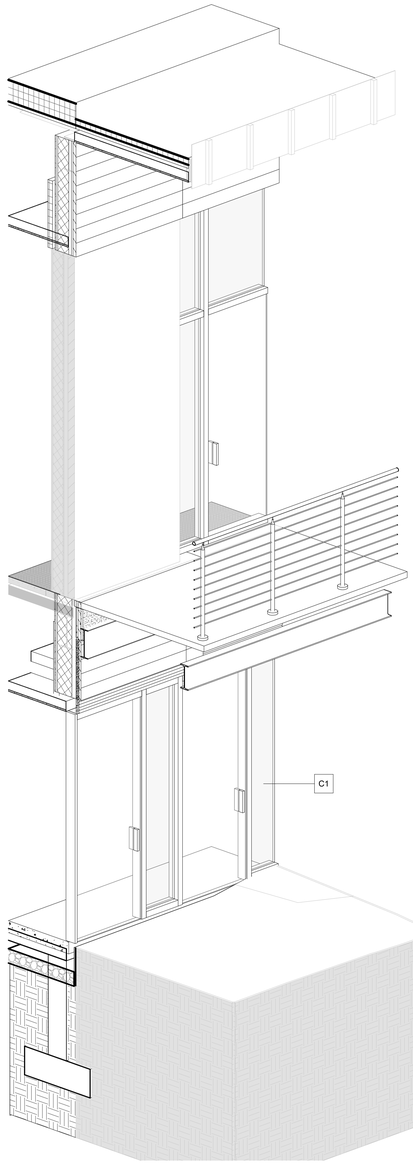
WALL ASSEMBLY 1
- 1 5/8" THK. TERRA COTTA
- ALUMINUM TRACK W/CLIPS, & GASKETS
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- EXISTING 6" CMU

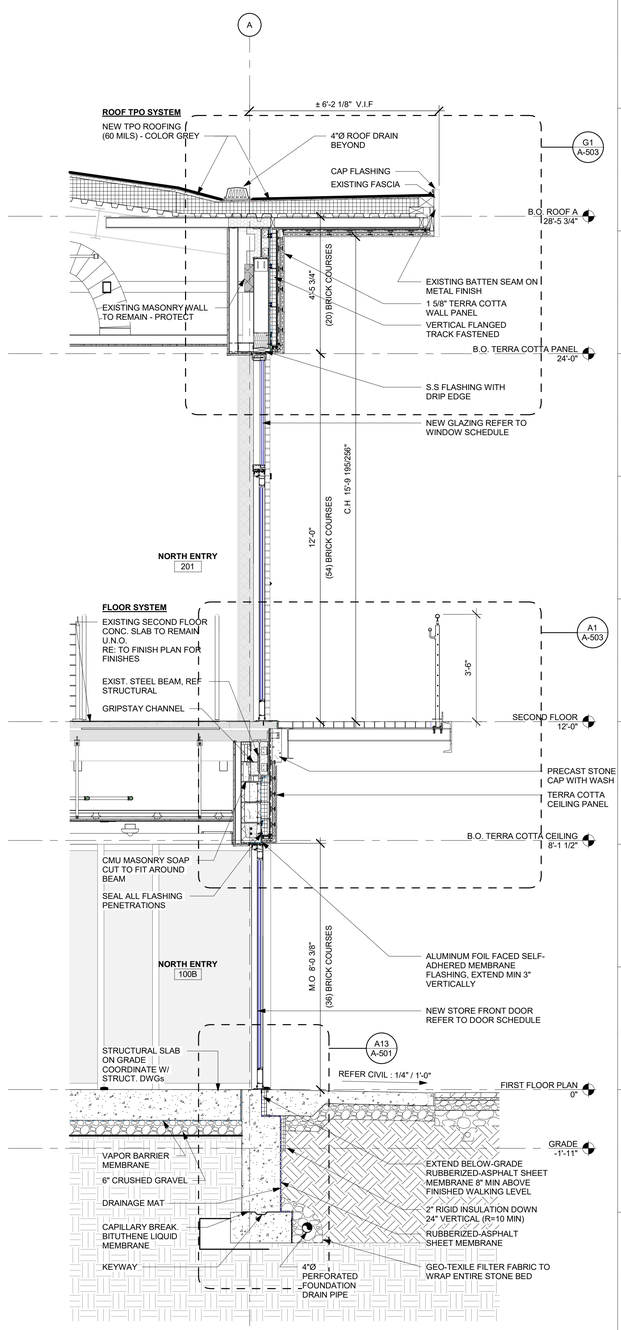
WALL ASSEMBLY 2
- 3 5/8" THK. BRICK VENEER
- 1 3/4" AIR GAP
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- 7 5/8" CMU





WALL SECTION 4 — A10
1/2" = 1'-0"





WALL SEECTION 3 — A1
1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

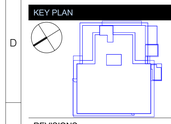
REGISTERED ARCHITECT — ARAM SAMUEL DILANIAN — 032313 — STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	Revision 1	Date 1

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: WALL SECTIONS
SHEET NUMBER: A-312

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

EXTERIOR MATERIAL LEGEND

EXISTING BRICK VENEER	EXISTING BRICK VENEER
REUSE SALVAGED BRICK	REUSE SALVAGED BRICK
TERRA COTTA PANEL FRIEZE BOARD	TERRA COTTA PANEL AT FRIEZE
FASCIA AND BATTEN	FASCIA AND BATTEN

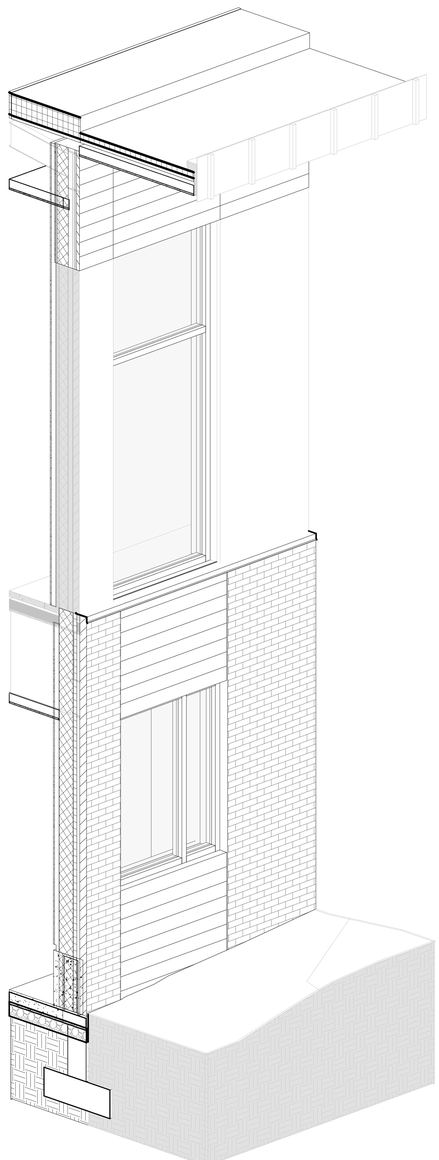
EXTERIOR ASSEMBLIES LEGEND

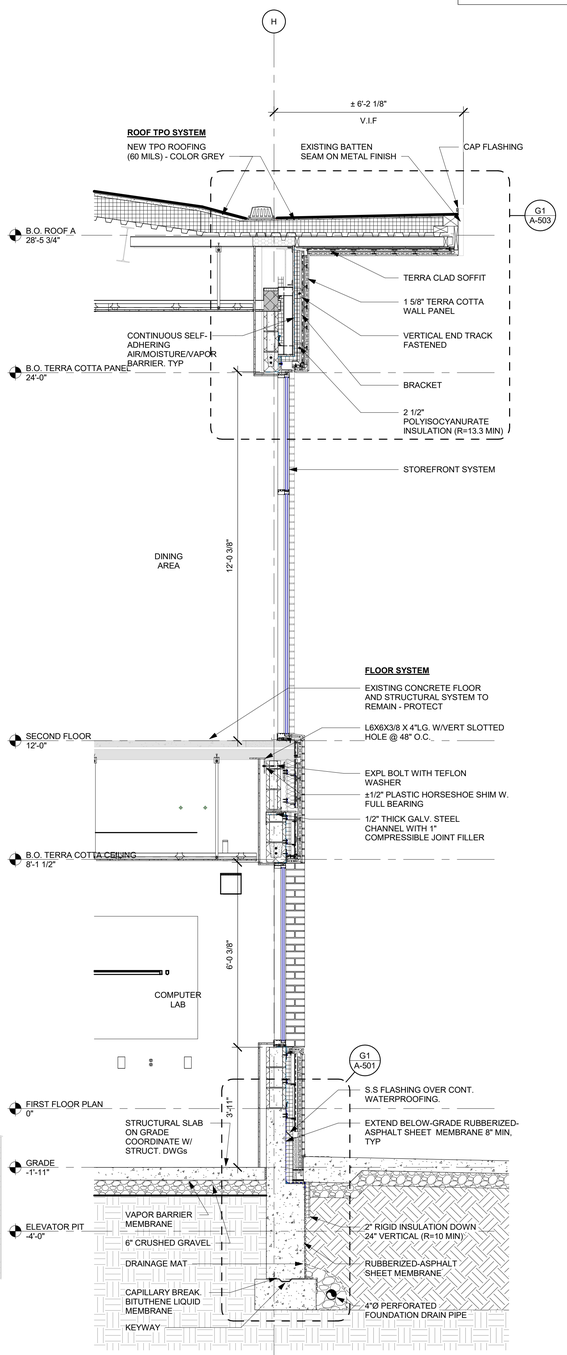
NYS ASHRAE 90.1- 2025 CLIMATE ZONE 6

- **ROOF**
  INSULATION ENTIRELY ABOVE ROOF DECK: R30CI
- **WALLS (ABOVE GRADE)**
  MASS: R13.3CI
- **WALLS (BELOW GRADE)**
  BELOW GRADE WALL: R10CI
- **FLOORS**
  MASS: R16.7CI
- **SLAB ON GRADE FLOORS**
  UNHEATED SLABS: R20 FOR 24" BELOW

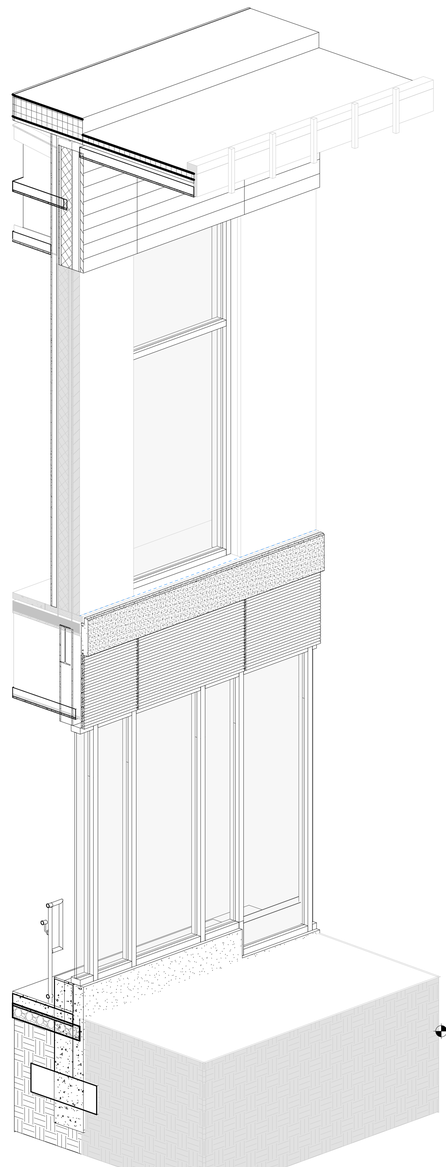
WALL ASSEMBLY 1
- 1 5/8" THK. TERRA COTTA
- ALUMINUM TRACK W/CLIPS, & GASKETS
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- EXISTING 6" CMU

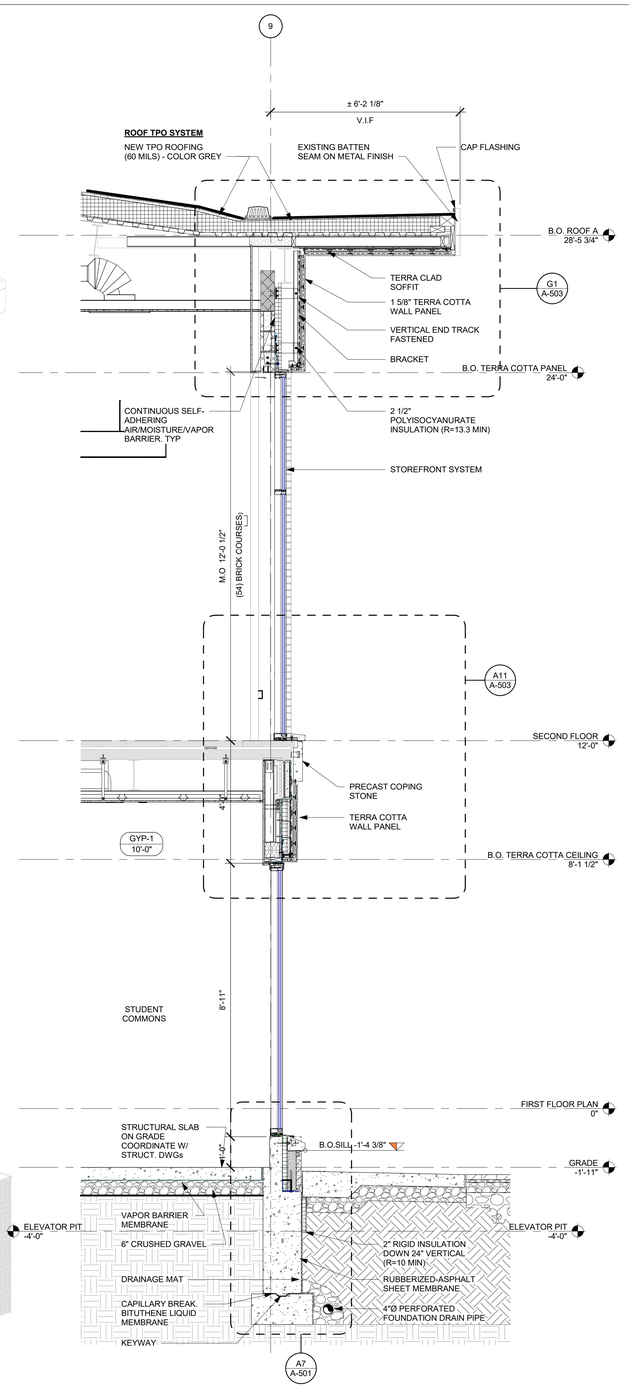
WALL ASSEMBLY 2
- 3 5/8" THK. BRICK VENEER
- 1 3/4" AIR GAP
- BRACKET W/ THERMAL ISOLATOR
- 2 1/2" POLYISOCYANURATE INSULATION (R=13.3 MIN)
- CONTINUOUS SELF-ADHERING AIR/MOISTURE/VAPOR BARRIER. TYP
- 7 5/8" CMU





WALL SECTION 6 A10
1/2" = 1'-0"





WALL SECTION 5 A1
1/2" = 1'-0"

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL DIGIACOMO 023313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

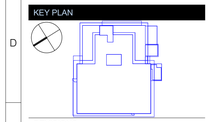
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

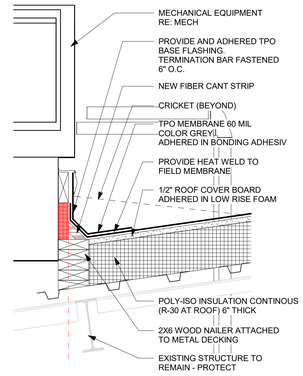


REVISIONS

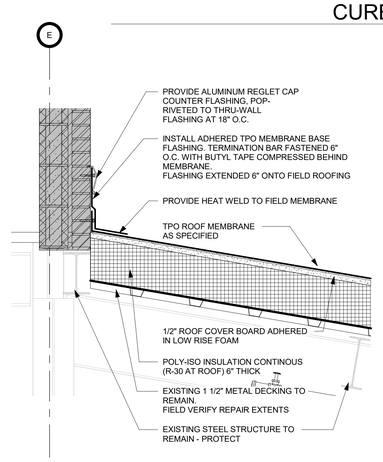
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: WALL SECTIONS
SHEET NUMBER: A-313

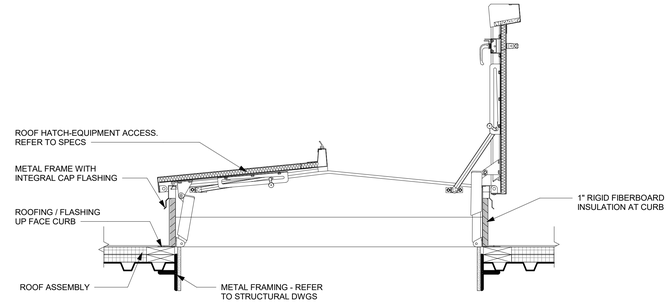
BID SET



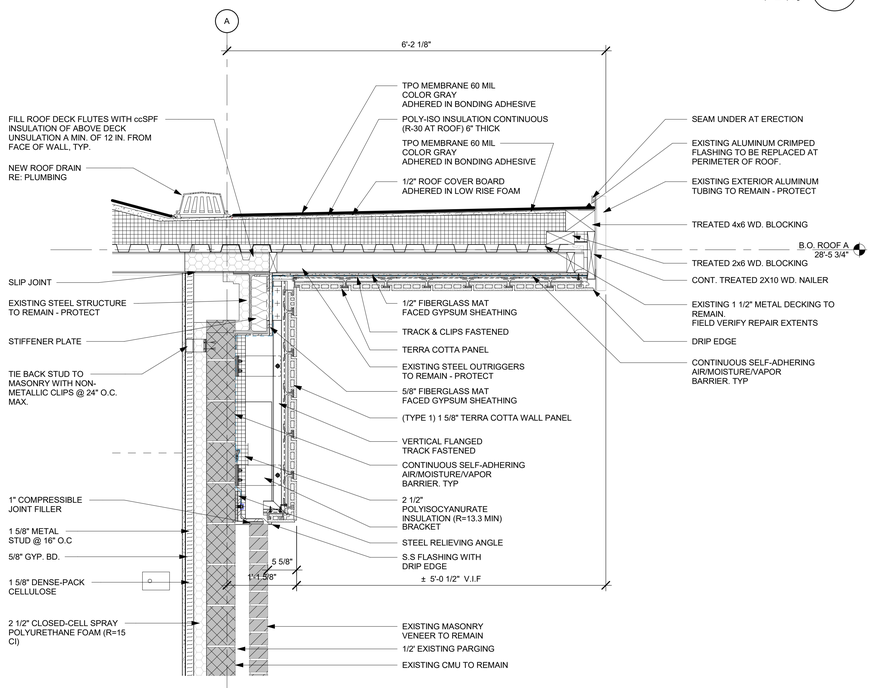
CURB DETAIL L1
1" = 1'-0"



WALL FLASHING DETAIL G1
1" = 1'-0"



ROOF ACCESS HATCH DETAIL A9
N.T.S.



ROOF EAVE DETAIL AT TERRA COTTA FIZ A1
1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLD SAMUEL GUMENICK 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

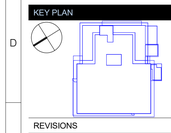
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	Revision 1	Date 1

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1" = 1'-0"

SHEET NAME:
ROOF DETAILS

SHEET NUMBER:
A-331

BID SET

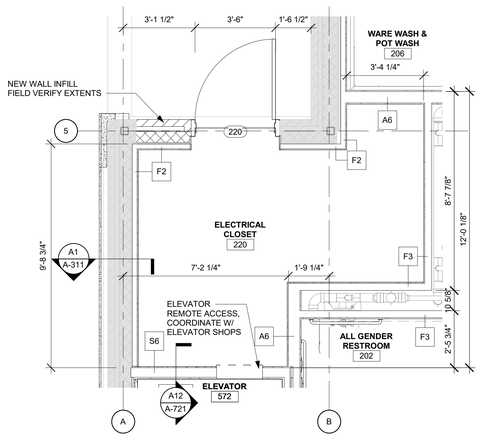
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TOILET ACCESSORY SCHEDULE

TAG	PRODUCT	MANUFACTURER	PRODUCT NUMBER	FINISH	COMMENTS
TA-1	SURFACE MOUNTED MULTI-ROLL TISSUE DISPENSER	BOBRICK	B-4288	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-2	STRAIGHT GRAB BAR	BOBRICK	B-6806	BRUSHED STAINLESS STEEL	ADA TOILETS
TA-3	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-4	SURFACE MOUNTED SOAP DISPENSER	BOBRICK	B-2111	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5	TEMPERED GLASS WELDED-FRAME MIRROR	BOBRICK	B-2906	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5.1	TEMPERED GLASS WELDED-FRAMEFIXED POSITIONS TILT MIRROR, ADA	BOBRICK	B-293	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-6	XLERATOR HAND DRYER	EXCEL DRYER	XL-SB	BRUSHED STAINLESS STEEL	ALL TOILETS

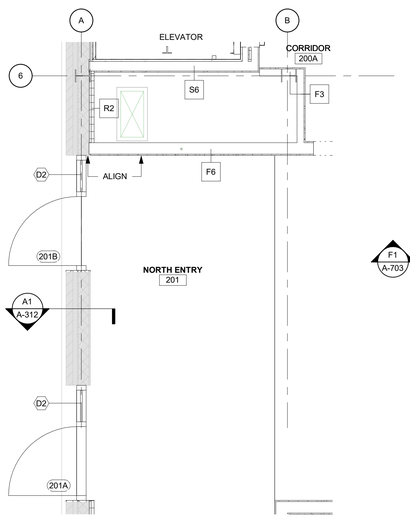
NEW WORK KEYNOTES

KEYNOTE	DESCRIPTION
ECB-1	ELECTRIC WATER COOLER. REFER TO PLUMBING DRAWINGS.
LAV-1	LAVATORY. REFER TO PLUMBING DRAWINGS.
MS-1	MOP SINK. REFER TO PLUMBING DRAWINGS.
UR	URINAL. REFER TO PLUMBING DRAWINGS.
WC-1	WATER CLOSET. REFER TO PLUMBING DRAWINGS.



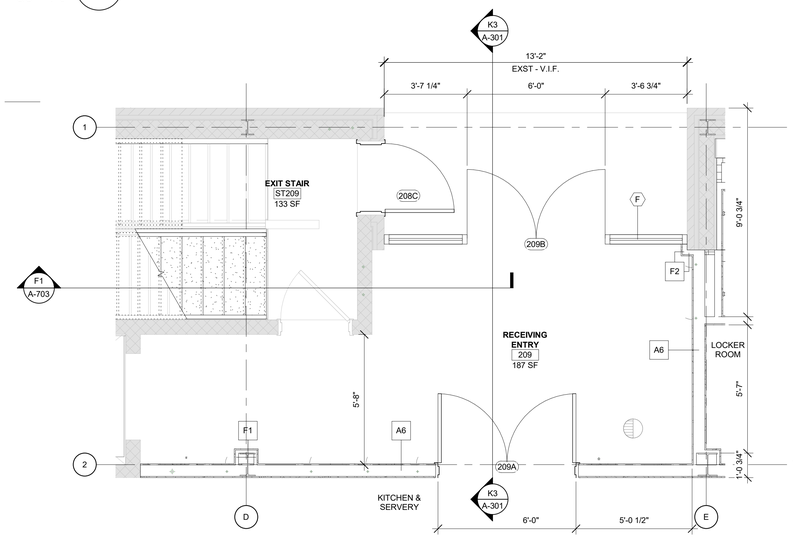
SECOND FLR ELECTRICAL CLOSET K14

3/8" = 1'-0"



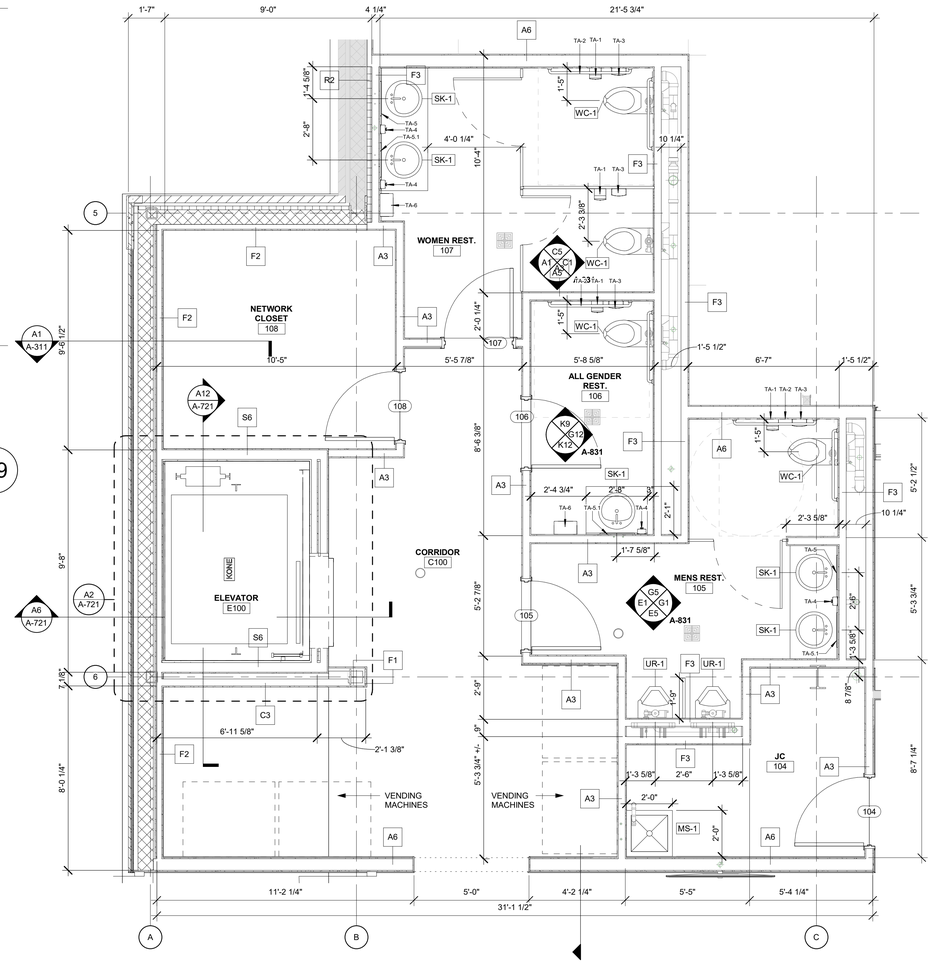
SECOND FLR NORTH ENTRY E15

3/8" = 1'-0"



SECOND FLR RECEIVING ENTRY E9

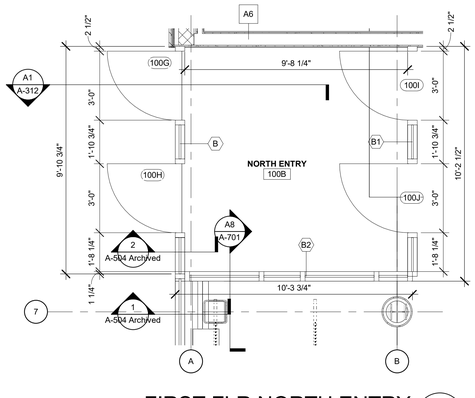
3/8" = 1'-0"



A1/ A-551

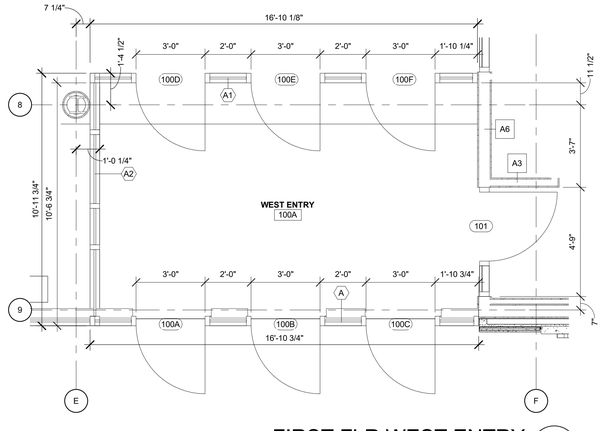
FIRST FLR ENLARGED MECH AND RESTROOM A1

3/8" = 1'-0"



FIRST FLR NORTH ENTRY A14

3/8" = 1'-0"



FIRST FLR WEST ENTRY A9

3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUADRINI 023213 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

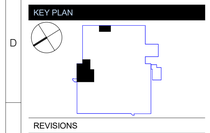
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 3/8" = 1'-0"

SHEET NAME:
ENLARGED FLOOR PLANS

SHEET NUMBER:
A-401

BID SET

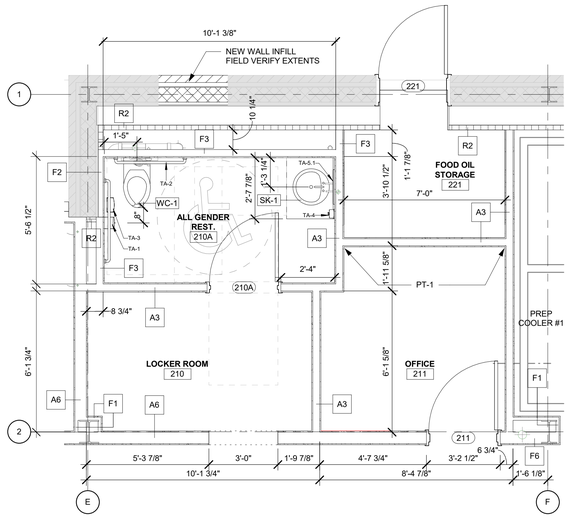
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TOILET ACCESSORY SCHEDULE

TAG	PRODUCT	MANUFACTURER	PRODUCT NUMBER	FINISH	COMMENTS
TA-1	SURFACE MOUNTED MULTI-ROLL TISSUE DISPENSER	BOBRICK	B-4288	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-2	STRAIGHT GRAB BAR	BOBRICK	B-6806	BRUSHED STAINLESS STEEL	ADA TOILETS
TA-3	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-4	SURFACE MOUNTED SOAP DISPENSER	BOBRICK	B-2111	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5	TEMPERED GLASS WELDED-FRAME MIRROR	BOBRICK	B-2906	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5.1	TEMPERED GLASS WELDED-FRAMEFIXED POSITIONS TILT MIRROR, ADA	BOBRICK	B-293	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-6	XLERATOR HAND DRYER	EXCEL DRYER	XL-SB	BRUSHED STAINLESS STEEL	ALL TOILETS

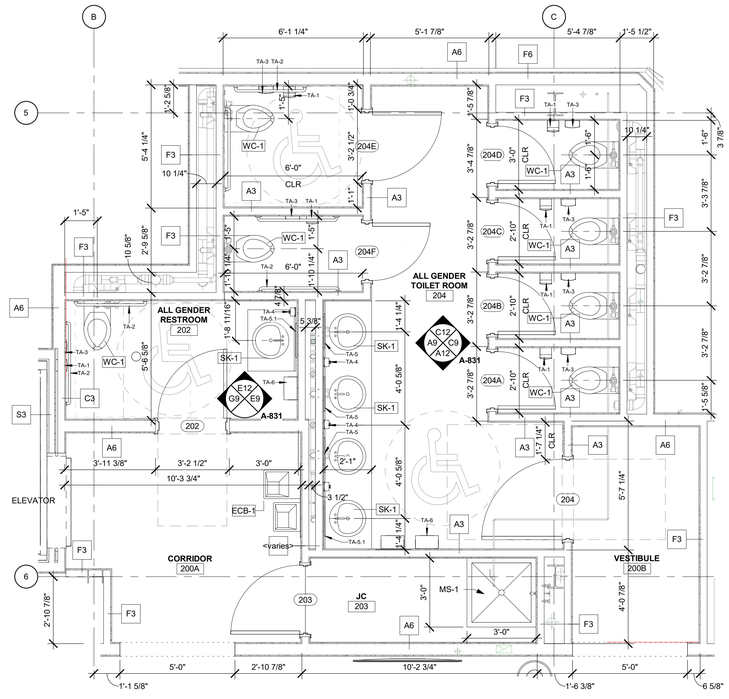
NEW WORK KEYNOTES

KEYNOTE	DESCRIPTION
ECB-1	ELECTRIC WATER COOLER. REFER TO PLUMBING DRAWINGS.
LAV-1	LAVATORY. REFER TO PLUMBING DRAWINGS.
MS-1	MOP SINK. REFER TO PLUMBING DRAWINGS.
UR	URINAL. REFER TO PLUMBING DRAWINGS.
WC-1	WATER CLOSET. REFER TO PLUMBING DRAWINGS.



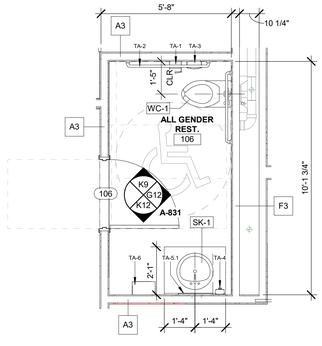
SECOND FLR 210 OFFICE AREA E7

3/8" = 1'-0"



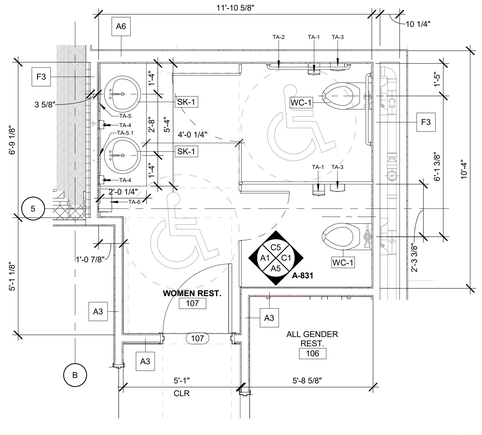
SECOND FLR ALL GENDER RESTROOM E1

3/8" = 1'-0"



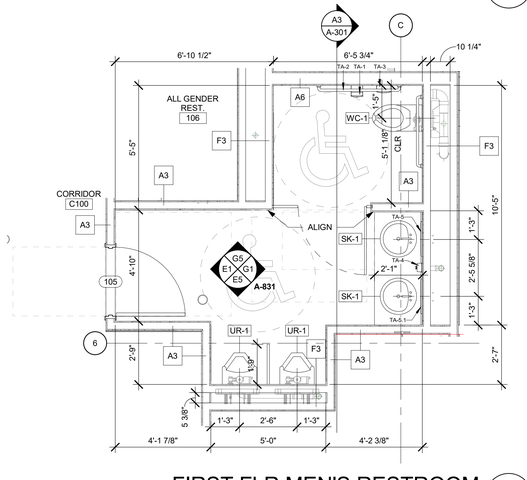
FIRST FLR ALL GENDER RESTROOM A13

3/8" = 1'-0"



FIRST FLR WOMEN'S RESTROOM A7

3/8" = 1'-0"



FIRST FLR MEN'S RESTROOM A1

3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUADRINI 023113 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

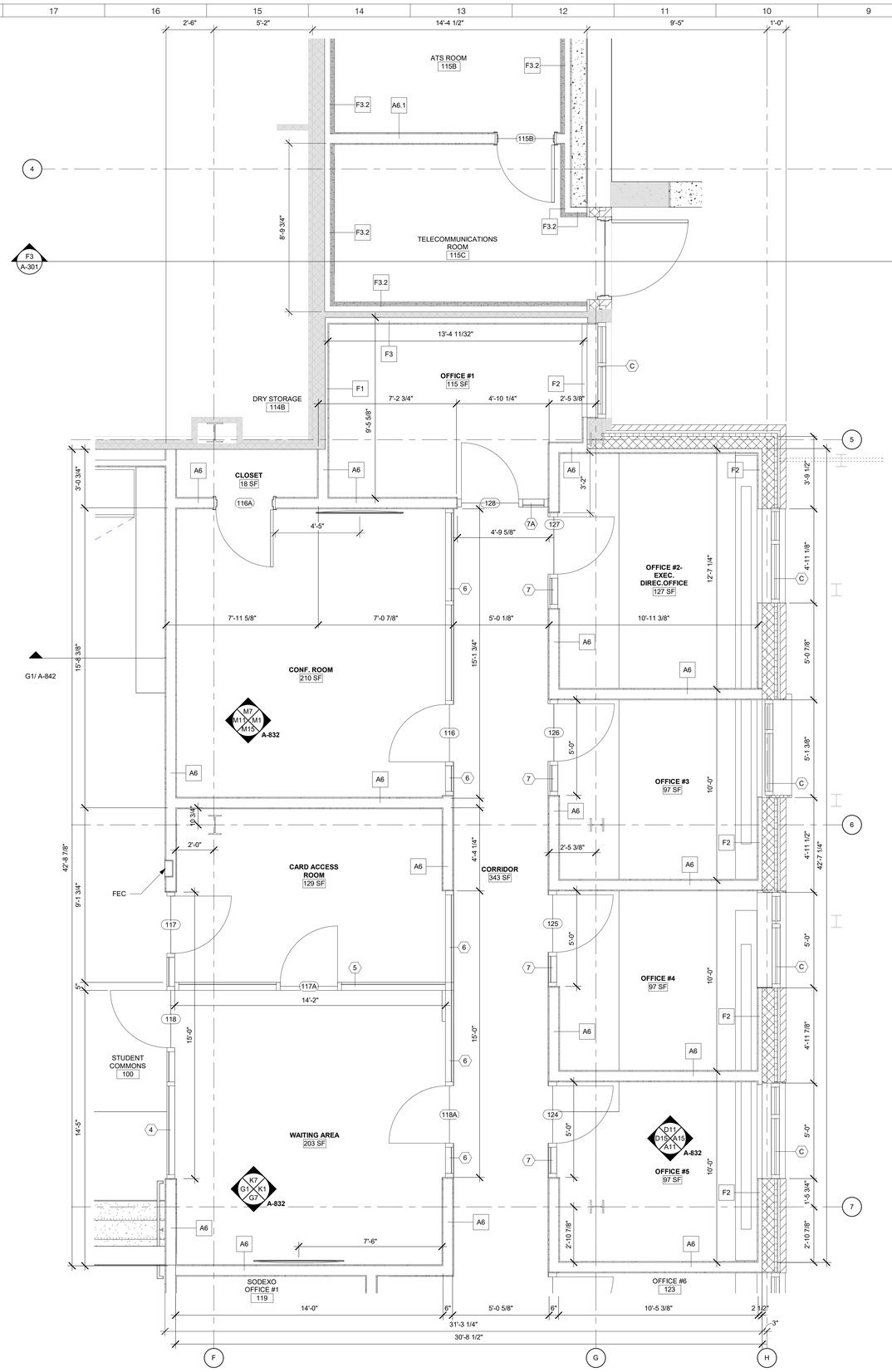
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 3/8" = 1'-0"
SHEET NAME: ENLARGED FLOOR PLANS
SHEET NUMBER: A-402

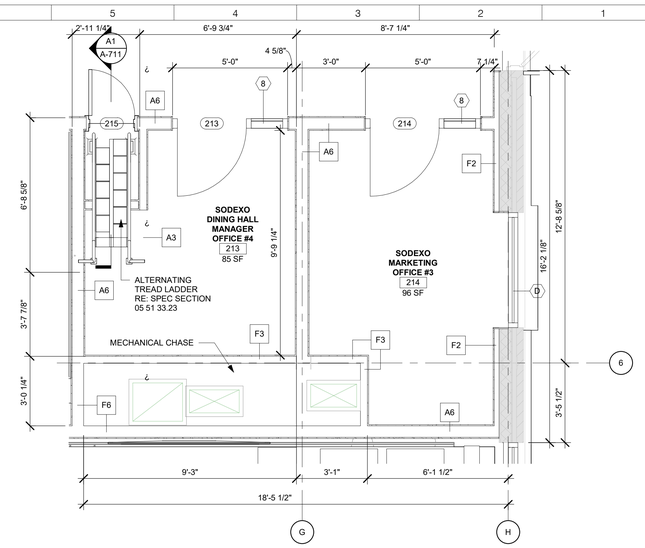
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



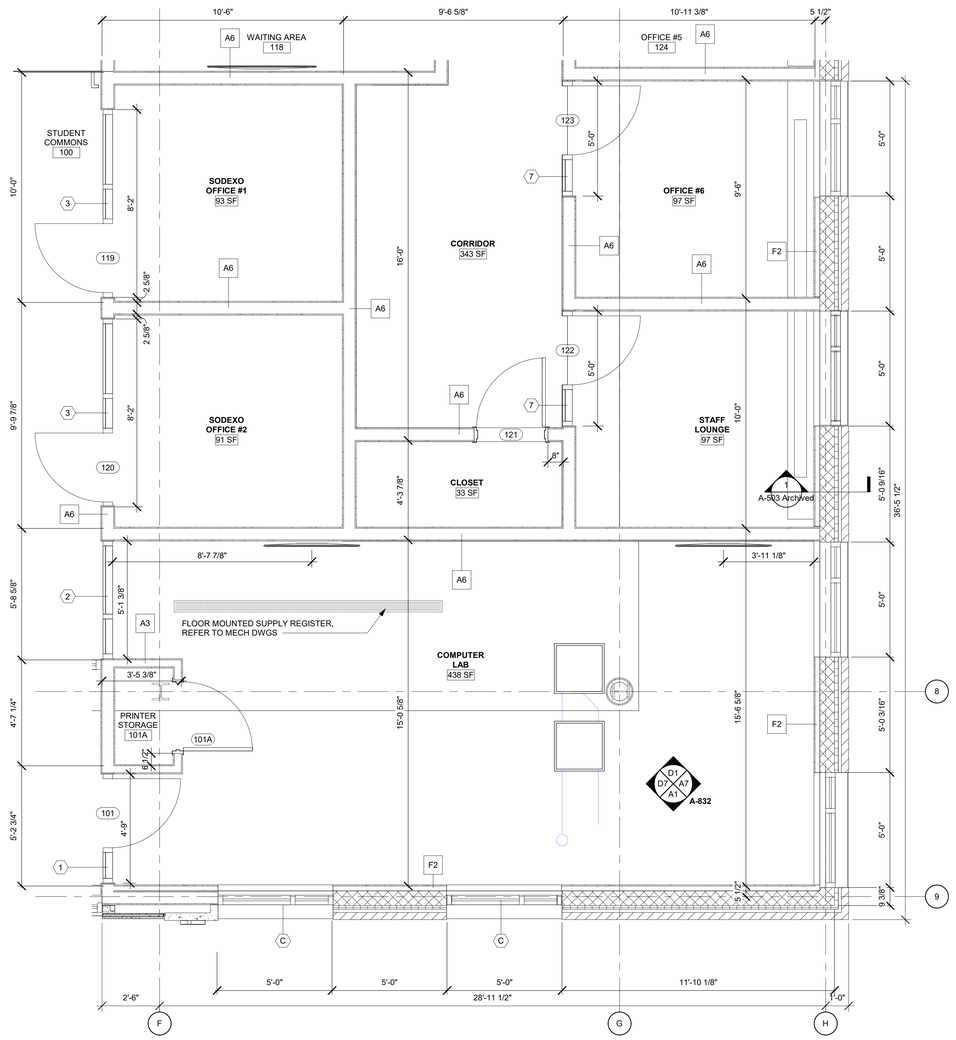
FIRST FLOOR OFFICES ENLARGED PLAN A9

3/8" = 1'-0"



SECOND FLOOR ENLARGED SODEXO OFFICES K1

3/8" = 1'-0"



FIRST FLOOR OFFICES ENLARGED PLAN CONT. A1

3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL GUARINO 022113 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

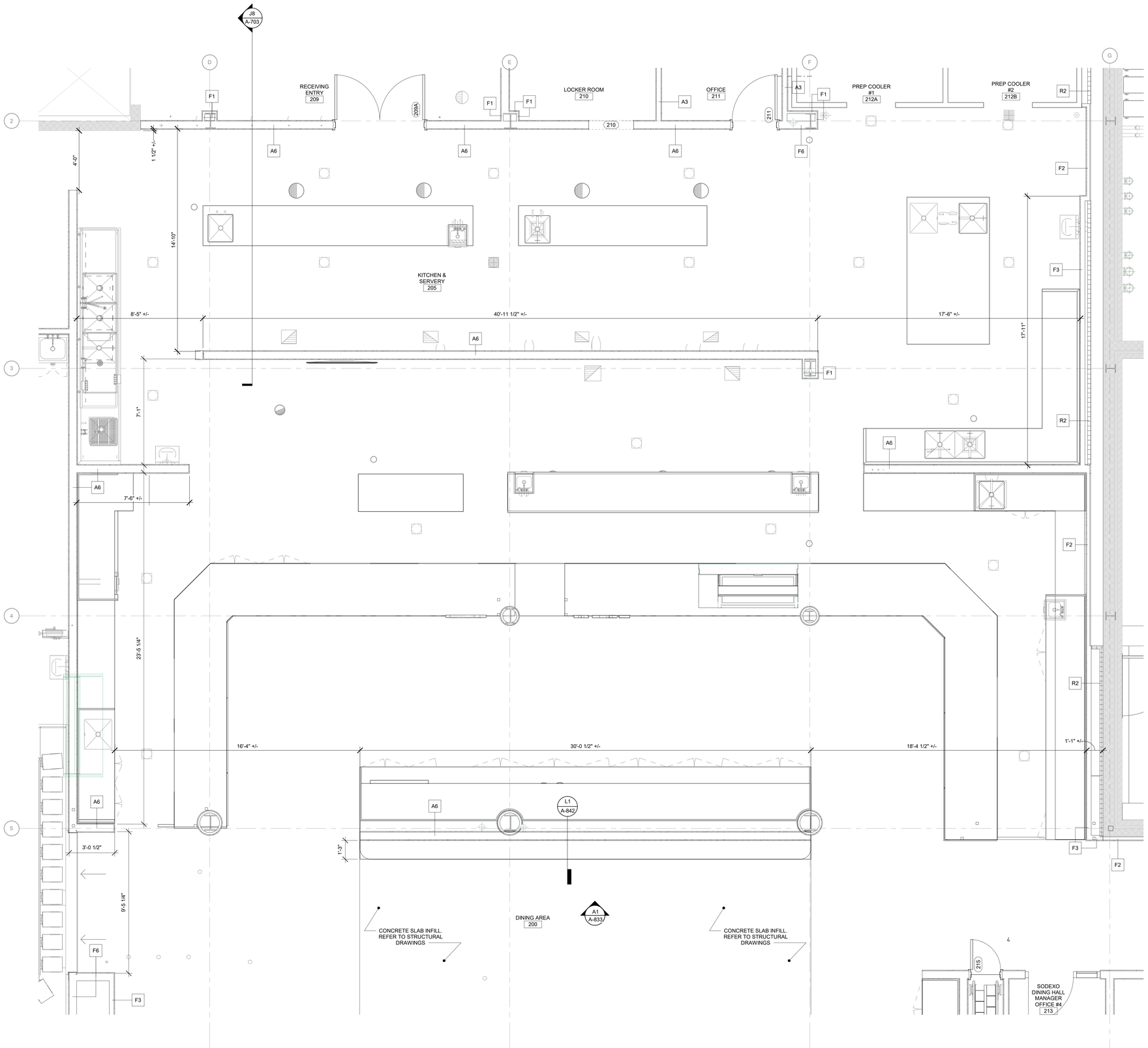
SCALE: 3/8" = 1'-0"

SHEET NAME:
ENLARGED FLOOR PLANS

SHEET NUMBER:
A-403

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECOND FLR ENLARGED DINING AREA - PARTIAL A1

3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMAND SAMUEL QUADRINI
022313
STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

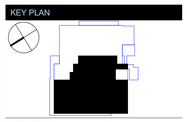
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

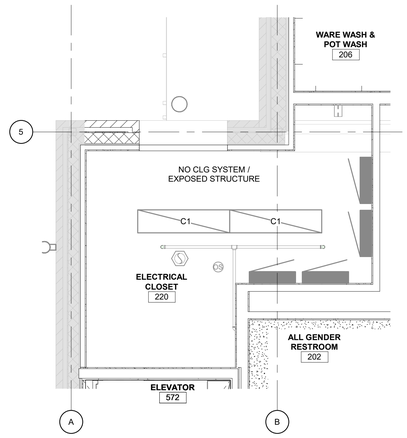
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 3/8" = 1'-0"
SHEET NAME: ENLARGED FLOOR PLANS
SHEET NUMBER: A-404

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECOND FLR ELECTRICAL CLOSET RCP K14

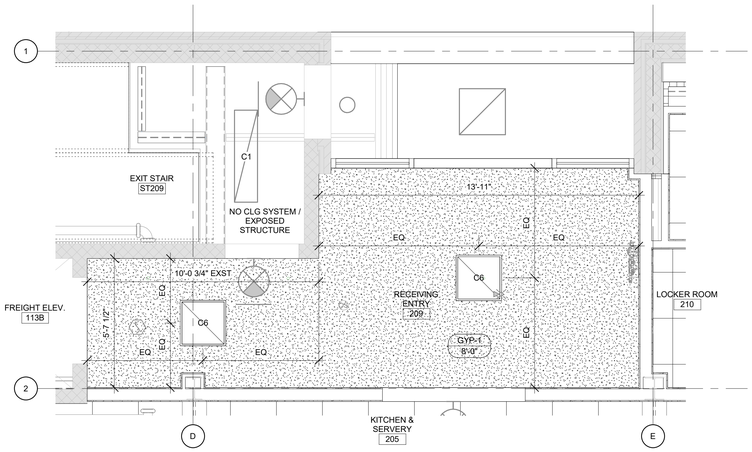
3/8" = 1'-0"

CEILING PLAN LEGEND

- SUSPENDED ACOUSTICAL CEILING: 1'X1', 2'X2', & 2'X4' SYSTEMS
- CEILING TILE TO BE REPLACED TO MATCH ADJACENT
- GYPSUM WALLBOARD, CEMENT OR GYP PLASTER
- SMOKE DETECTOR
- EXPOSED STRUCTURE
- FIRE ALARM SPEAKER STROBE
- EXISTING TO REMAIN
- FELT ACOUSTIC CEILING
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- ACCESS PANEL (ACS)

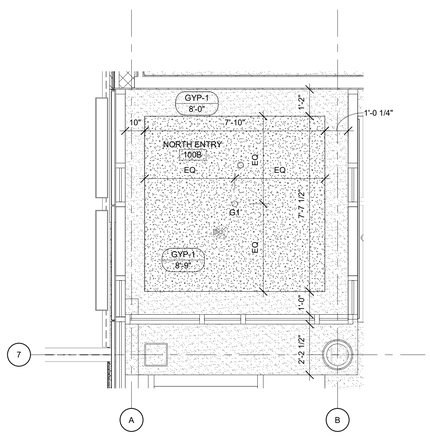
RCP GENERAL NOTES:

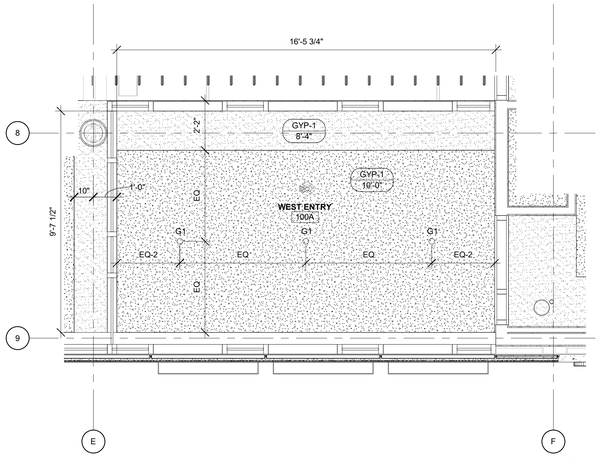
1. CENTER ALL CEILING TILE GRIDS BOTH DIRECTIONS IN ALL ROOMS/SPACES/CORRIDORS, NO PERIMETER GRID SPACING/ACOUSTICAL TILE CUT LESS THAN 6".
2. ALL LIGHT DIMENSIONS ARE MEASURED FROM CENTERLINE OF FIXTURE TO FACE OF WALL/SOFFIT U.N.O.
3. CEILING MOUNTED ELEMENTS (I.E. LIGHT FIXTURES, EXIT SIGNS, HVAC REGISTERS, SPRINKLER HEADS, SPEAKERS, WIRELESS ACCESS POINTS, ETC) SHALL BE CENTERED IN CEILING TILES.
4. REFER TO ELECTRICAL PLANS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND EXIT SIGNS.
5. APPROXIMATE LOCATION OF CHILLED BEAM GRILL WITHIN ACOUSTIC CEILING TILE ON ARCHITECTURAL GOVERN. COORDINATE WITH MEP.
6. PROVIDE 2'X2' ACCESS PANELS IN GYP BD. CEILING AT ALL CLEAN OUTS AS INDICATED ON MEP DRAWINGS. ARCHITECT TO VERIFY LOCATION OF ACCESS PANELS ON SHOP DRAWINGS.
7. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT - COORDINATE WITH MECH PLANS TYP.
8. ALL AREAS WITHOUT PATTERN HAVE EXPOSED CEILINGS.
9. REFER TO A-551, A-552 FOR CEILING DETAILS.
10. WHERE A 2'X4' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE CENTERED ON TILE.
11. WHERE A 2'X2' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE LOCATED TO ONE SIDE AS DEPICTED ON RCP.
12. REPLACE AND PROVIDE ACOUSTICAL TILES AT LOCATIONS OF FIXTURE / DEVICE REMOVALS.
13. CONTRACTOR TO COORDINATE RCP'S WINDOW SHADE INSTALLATIONS.
14. SHADOW MOLDING TO BE USED AROUND THE PERIMETER OF ACOUSTIC CEILING TILE WHEN EDGE TILE IS LESS THAN 5".
15. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

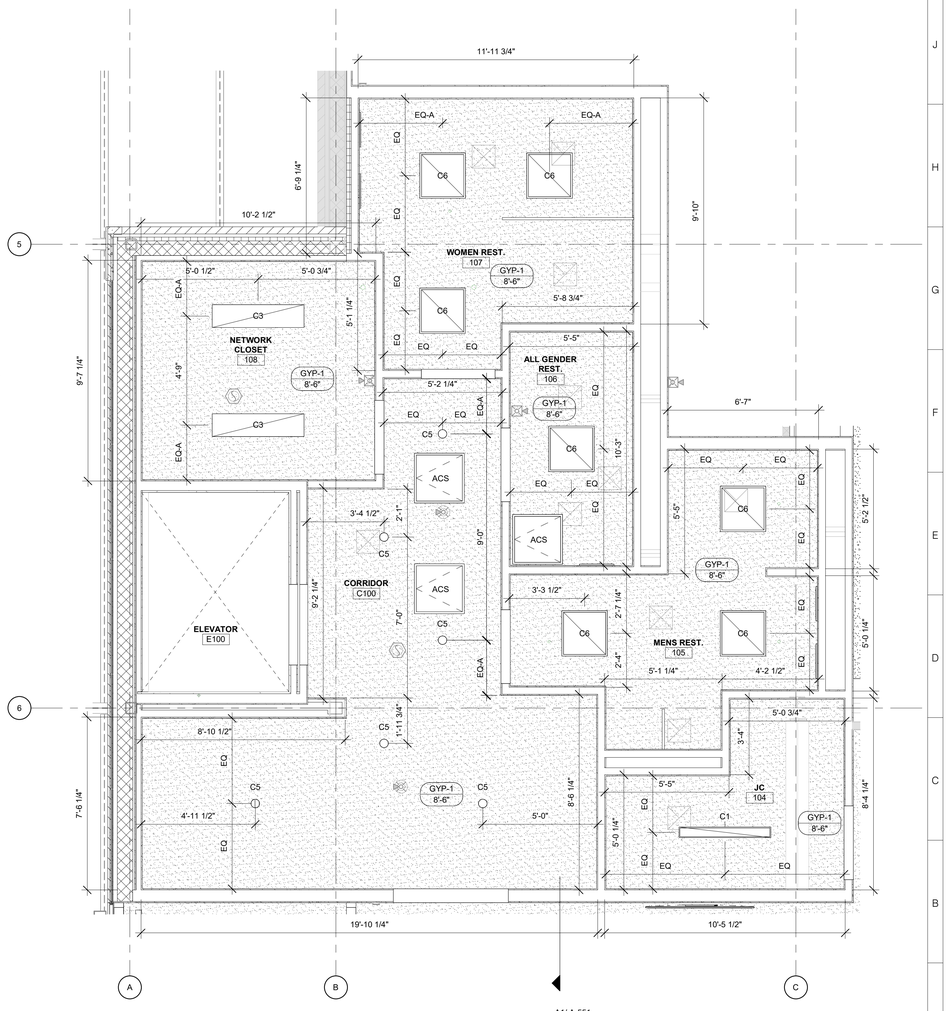


SECOND FLR RECEIVING ENTRY RCP E9

3/8" = 1'-0"







A1/ A-551

FIRST FLR NORTH ENTRY RCP A14

3/8" = 1'-0"

FIRST FLR WEST ENTRY RCP A9

3/8" = 1'-0"

FIRST FLR MECH AND RESTROOM RCP A1

3/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL DURAN 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

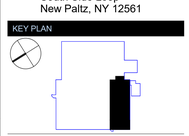
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
ENLARGED RCPS

SHEET NUMBER:
A-411

BID SET

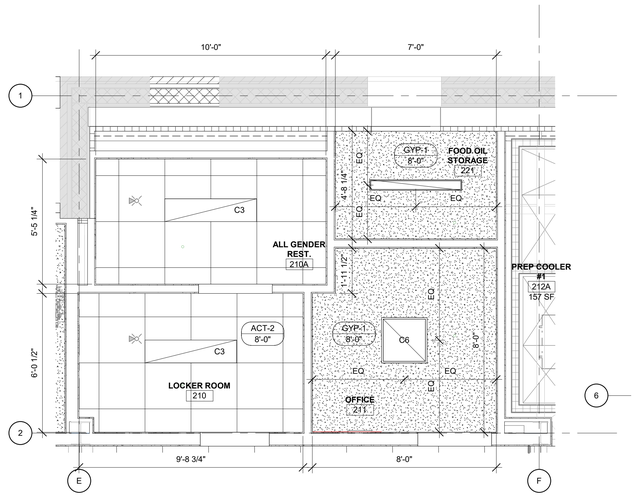
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

CEILING PLAN LEGEND

- SUSPENDED ACOUSTICAL CEILING: 1'X1', 2'X2', & 2'X4' SYSTEMS
- CEILING TILE TO BE REPLACED TO MATCH ADJACENT
- SMOKE DETECTOR
- FIRE ALARM SPEAKER STROBE
- GYPSUM WALLBOARD, CEMENT OR GYP PLASTER
- EXPOSED STRUCTURE
- EXISTING TO REMAIN
- FELT ACOUSTIC CEILING
- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- ACCESS PANEL (ACS)

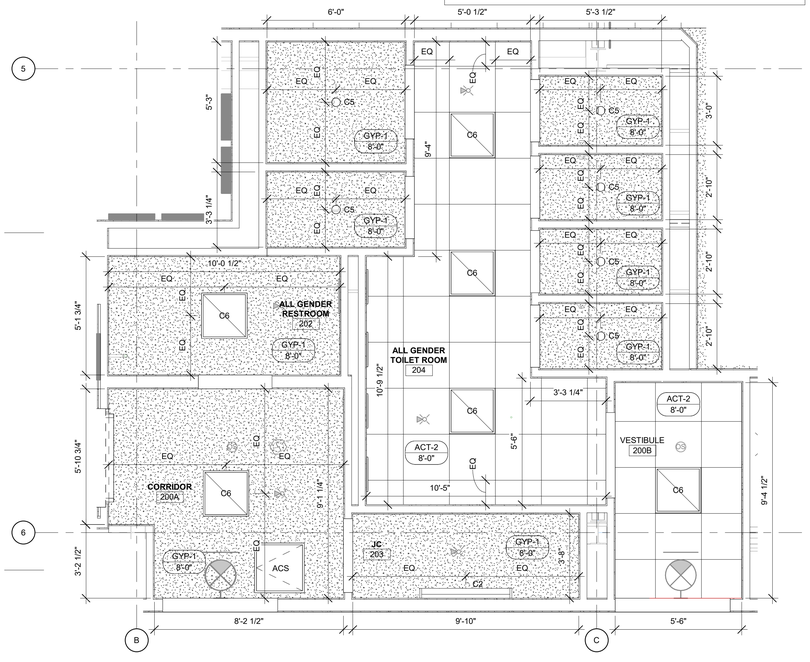
RCP GENERAL NOTES:

1. CENTER ALL CEILING TILE GRIDS BOTH DIRECTIONS IN ALL ROOMS/SPACES/CORRIDORS, NO PERIMETER GRID SPACING/ACOUSTICAL TILE CUT LESS THAN 6".
2. ALL LIGHT DIMENSIONS ARE MEASURED FROM CENTERLINE OF FIXTURE TO FACE OF WALL/SOFFIT U.N.O.
3. CEILING MOUNTED ELEMENTS (I.E. LIGHT FIXTURES, EXIT SIGNS, HVAC REGISTERS, SPRINKLER HEADS, SPEAKERS, WIRELESS ACCESS POINTS, ETC) SHALL BE CENTERED IN CEILING TILES.
4. REFER TO ELECTRICAL PLANS FOR LOCATIONS AND QUANTITY OF SMOKE DETECTORS AND EXIT SIGNS.
5. APPROXIMATE LOCATION OF CHILLED BEAM GRILL WITHIN ACOUSTIC CEILING TILE ON ARCHITECTURAL GOVERN. COORDINATE WITH MEP.
6. PROVIDE 2'X2' ACCESS PANELS IN GYP BD. CEILING AT ALL CLEAN OUTS AS INDICATED ON MEP DRAWINGS. ARCHITECT TO VERIFY LOCATION OF ACCESS PANELS ON SHOP DRAWINGS.
7. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT - COORDINATE WITH MECH PLANS TYP.
8. ALL AREAS WITHOUT PATTERN HAVE EXPOSED CEILINGS.
9. REFER TO A-551, A-552 FOR CEILING DETAILS.
10. WHERE A 2'X4' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE CENTERED ON TILE.
11. WHERE A 2'X2' FIXTURE OR DOWNLIGHT IS LOCATED IN A 2'X4' CEILING TILE, FIXTURE SHALL BE LOCATED TO ONE SIDE AS DEPICTED ON RCP.
12. REPLACE AND PROVIDE ACOUSTICAL TILES AT LOCATIONS OF FIXTURE / DEVICE REMOVALS.
13. CONTRACTOR TO COORDINATE RCP'S WINDOW SHADE INSTALLATIONS.
14. SHADOW MOLDING TO BE USED AROUND THE PERIMETER OF ACOUSTIC CEILING TILE WHEN EDGE TILE IS LESS THAN 5".
15. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.



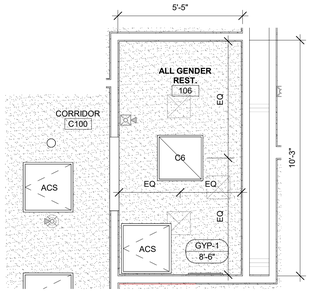
SECOND FLR 210 OFFICE AREA RCP

3/8" = 1'-0" — E7



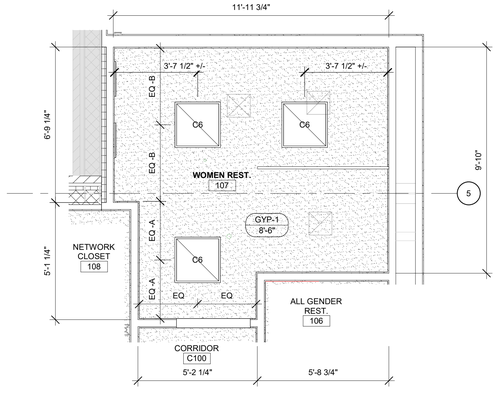
SECOND FLR ALL GENDER RESTROOM RCP

3/8" = 1'-0" — E1



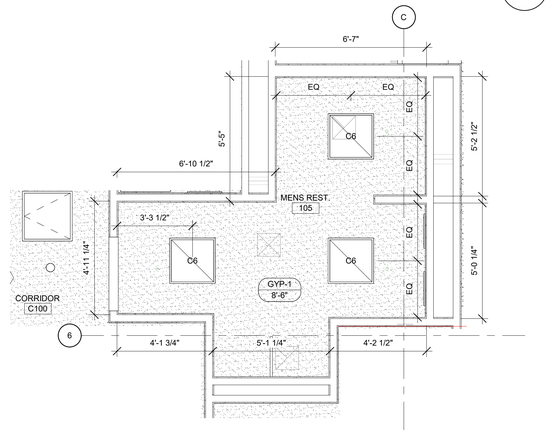
FIRST FLR ALL GENDER RESTROOM RCP

3/8" = 1'-0" — A13



FIRST FLR WOMEN'S RESTROOM RCP

3/8" = 1'-0" — A7



FIRST FLR MEN'S RESTROOM RCP

3/8" = 1'-0" — A1

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO SAMUEL QUADRINI — 023313 — STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

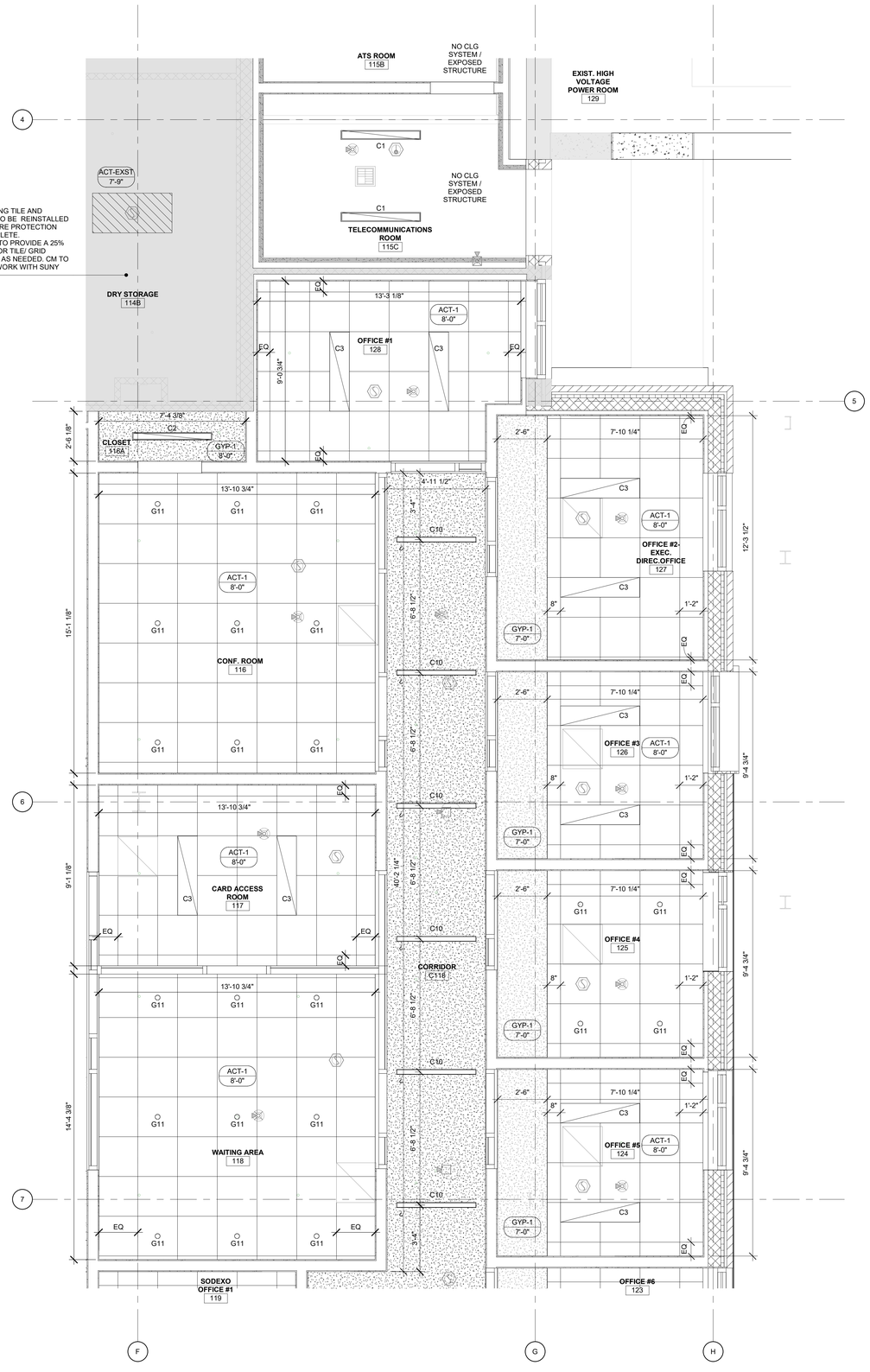
REVISIONS

No.	Description	Date

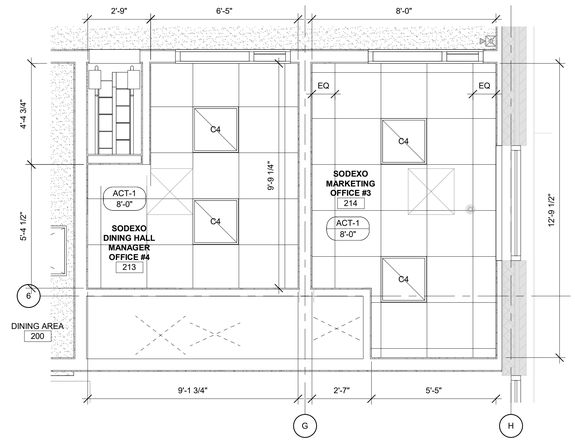
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: ENLARGED RCPS
SHEET NUMBER: A-412

BID SET

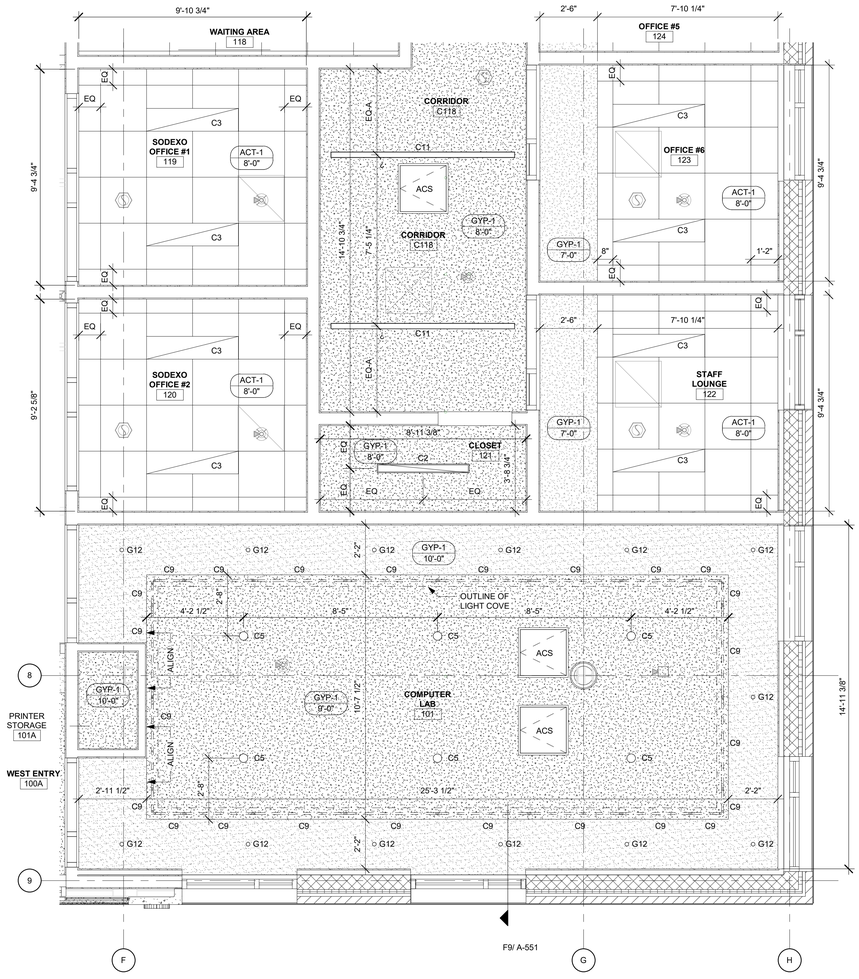
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



FIRST FLOOR OFFICES - PART B A10
3/8" = 1'-0"



SECOND FLOOR ENLARGED SODEXO OFFICES RCP K1
3/8" = 1'-0"



FIRST FLOOR OFFICES - PART A A1
3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 023313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

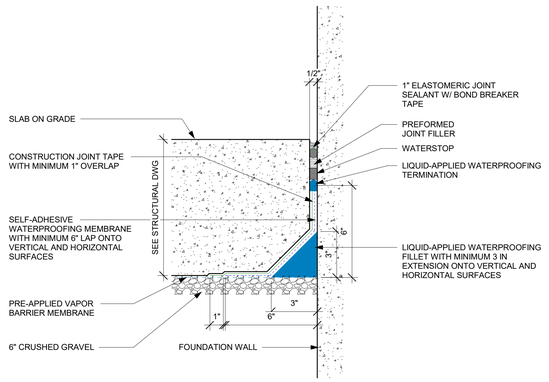
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 3/8" = 1'-0"
SHEET NAME: ENLARGED RCPS
SHEET NUMBER: A-413

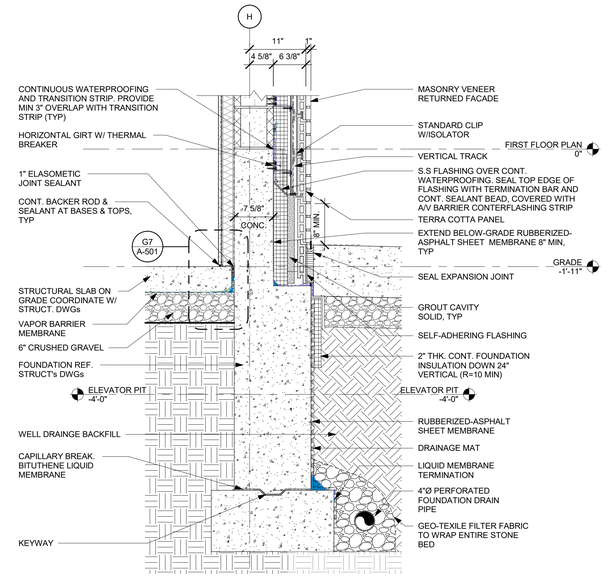
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



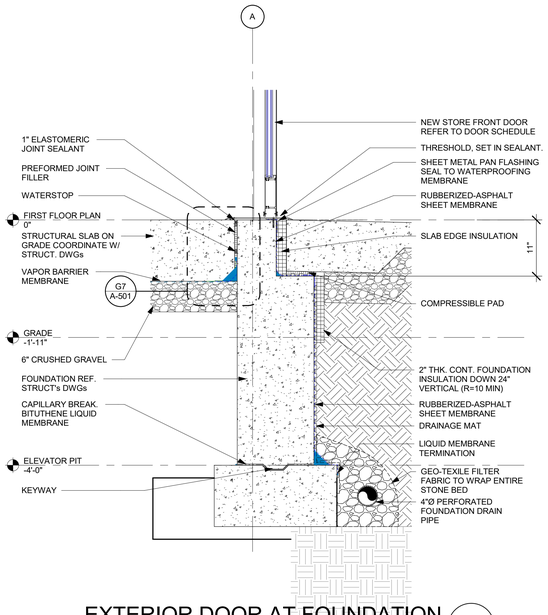
WALL TERMINATION FOR ELEVATED SLABS G7

3" = 1'-0"



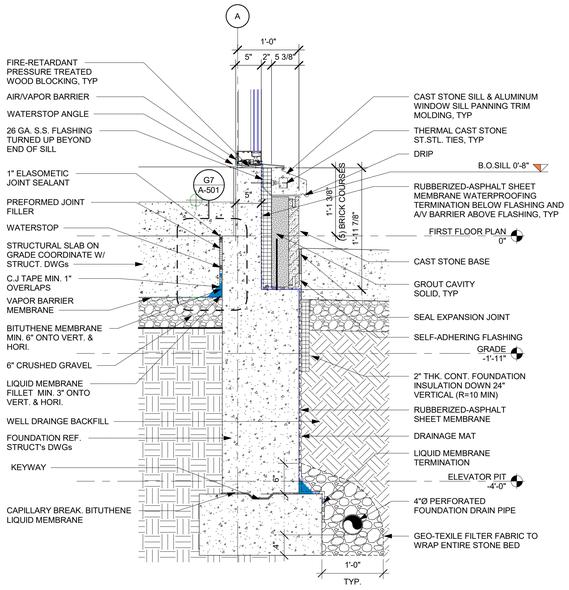
TERRA COTTA STEM WALL AT FOUNDATION DETAIL G1

1" = 1'-0"



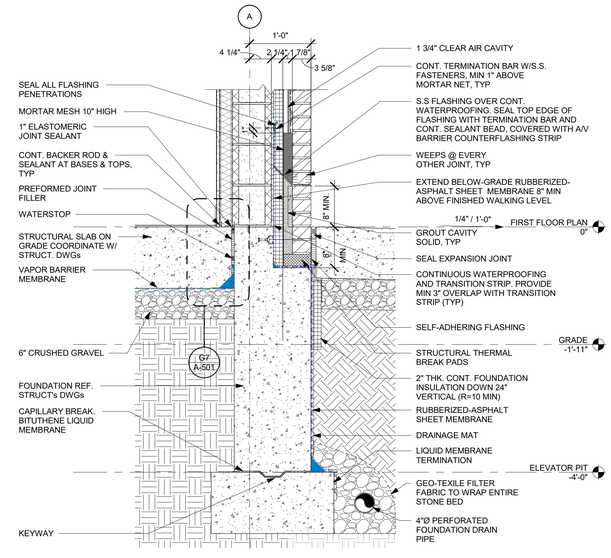
EXTERIOR DOOR AT FOUNDATION A13

1" = 1'-0"



CAST STONE CONCRETE STEM WALL AT FOUNDATION A7

1" = 1'-0"



BRICK VENEER CMU WALL AT FOUNDATION DETAIL A1

1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO SAMUEL QUIROZ 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

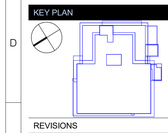
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

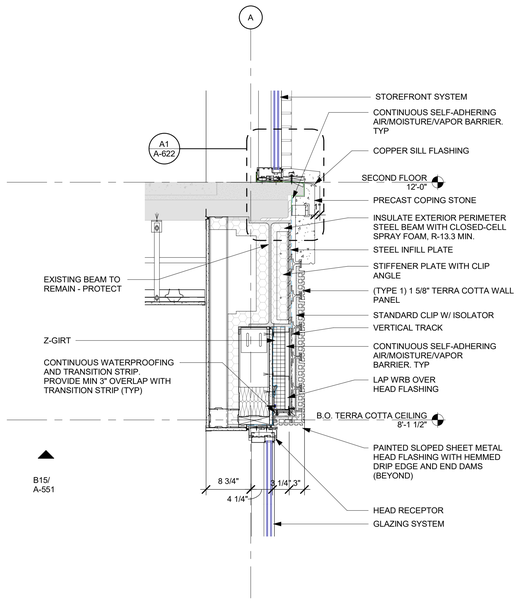
SCALE: As indicated

SHEET NAME:
FOUNDATION DETAILS

SHEET NUMBER:
A-501

BID SET

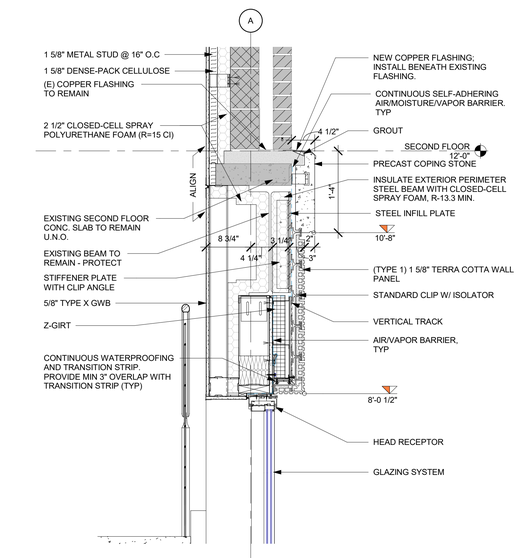
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



WALL SECTION AT PRECAST COPING (LEVEL 1 & LEVEL 2 STOREFRONT)

F9

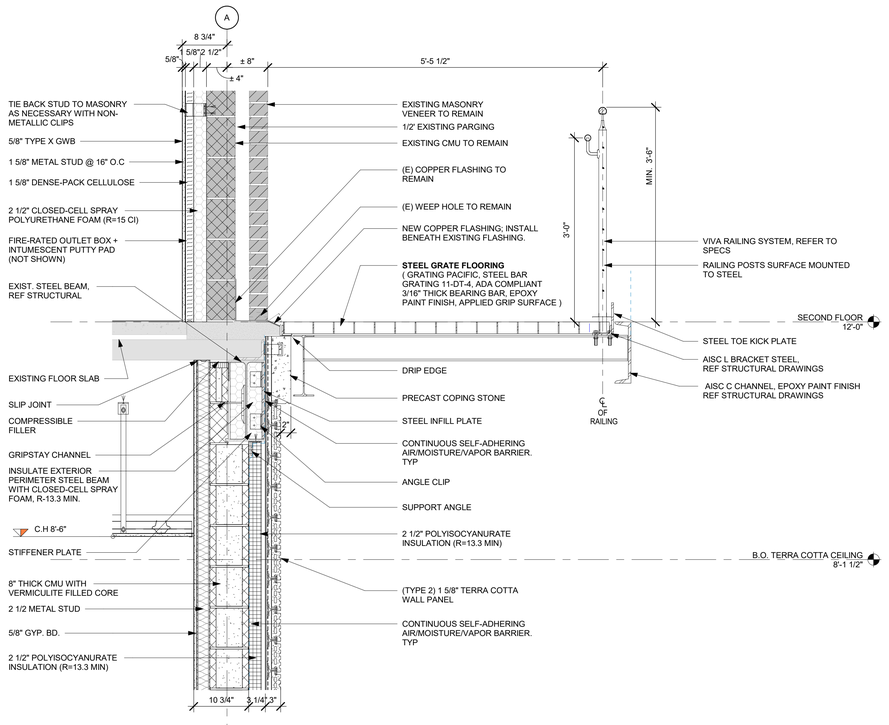
1" = 1'-0"



PRECAST COPING WALL SECTION – STOREFRONT BELOW

A9

1" = 1'-0"



OVERHANG DETAIL

A1

1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNALDO SAMUEL QUIMBY 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

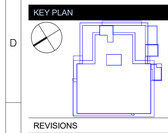
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

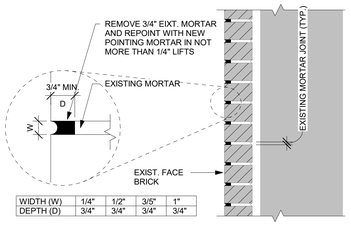
SCALE: 1" = 1'-0"

SHEET NAME:
EXTERIOR SECTION DETAILS

SHEET NUMBER:
A-502

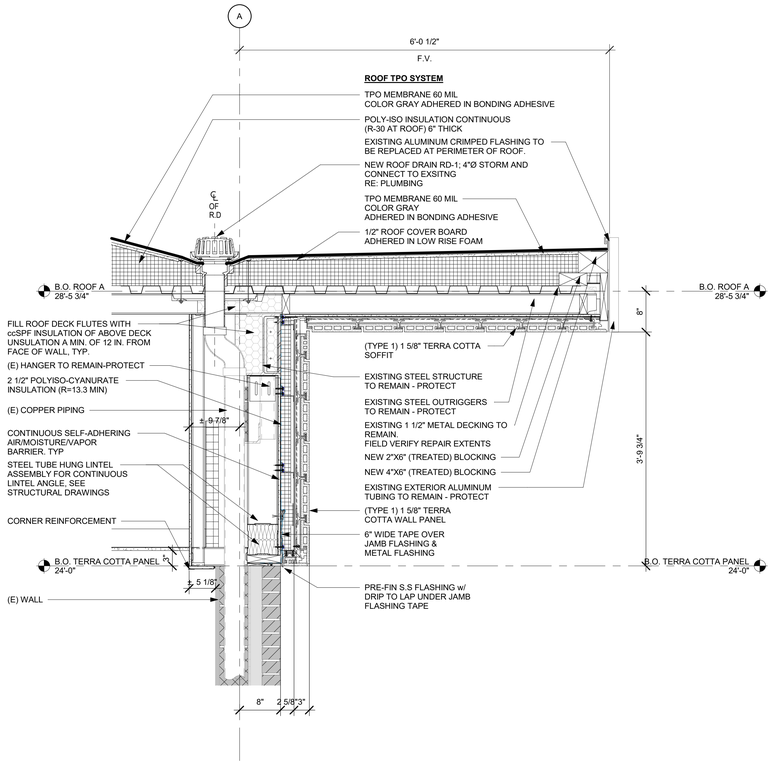
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

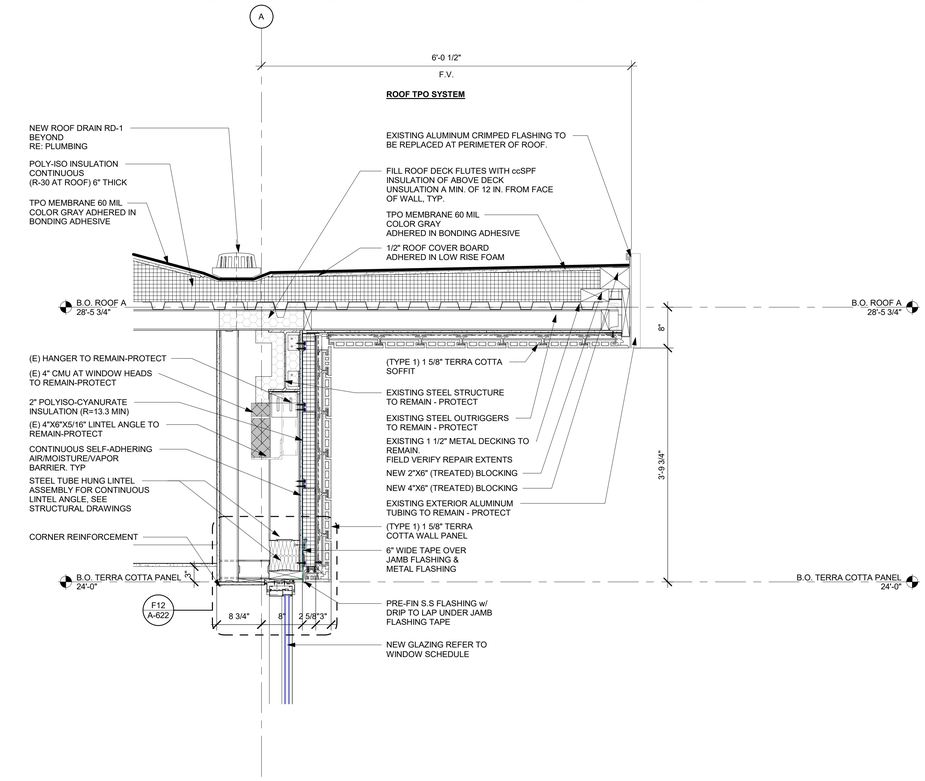


ELEVATION VIEW

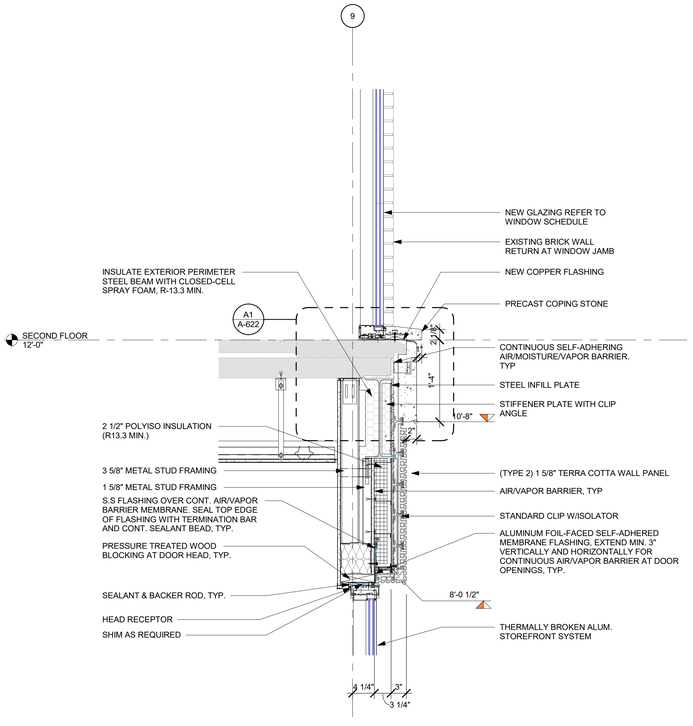
BRICK REPOINTING DETAIL H11
1 1/2" = 1'-0"



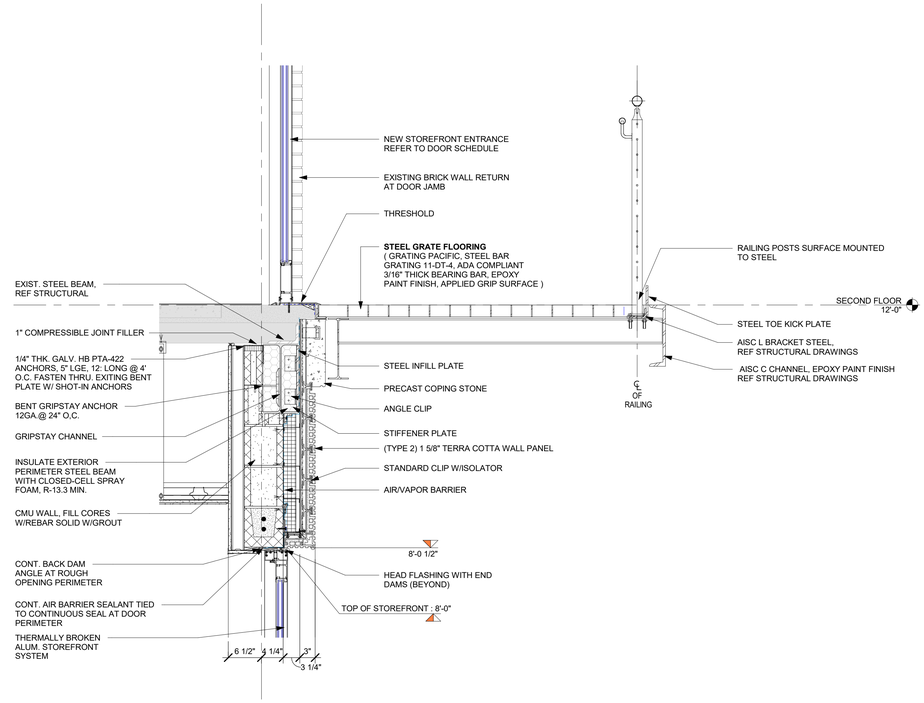
WALL SECTION THRU. ROOF DRAIN G9
1" = 1'-0"



WALL SECTION 3_WINDOW HEAD G1
1" = 1'-0"



WALL SECTION 5 DOOR HEAD A11
1" = 1'-0"



WALL SECTION 3_DOOR HEAD A1
1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNALDO QUIROZ QUINONES 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

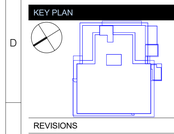
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



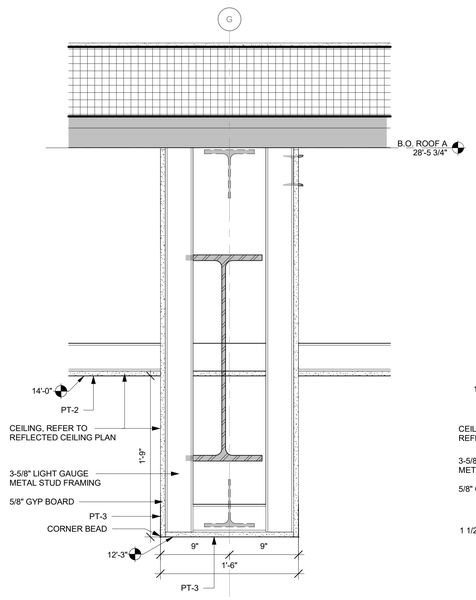
REVISIONS

No.	Description	Date

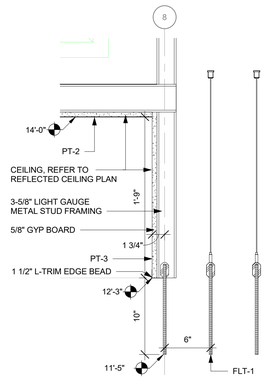
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: EXTERIOR SECTION DETAILS
SHEET NUMBER: A-503

BID SET

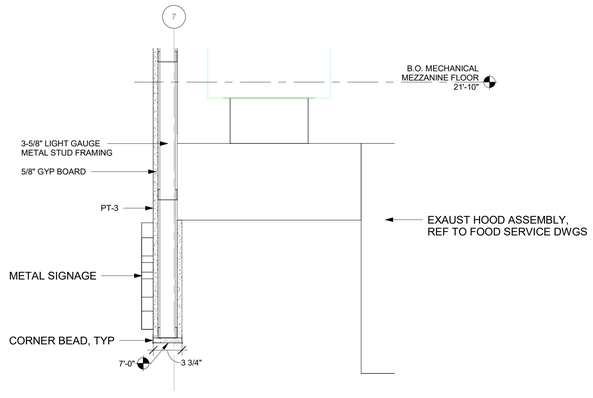
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



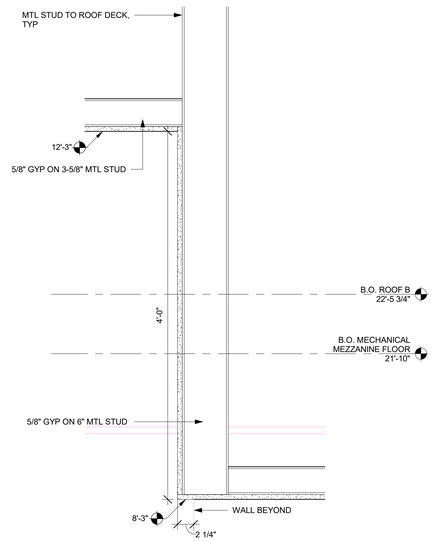
SOFFIT @ TRUSS BEAM J14
1 1/2" = 1'-0"



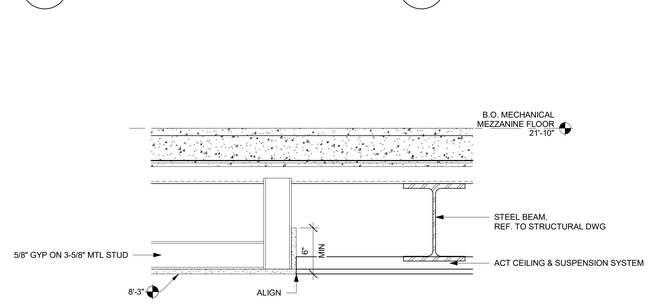
FELT BLADE @ HIGH CEILING J11
1 1/2" = 1'-0"



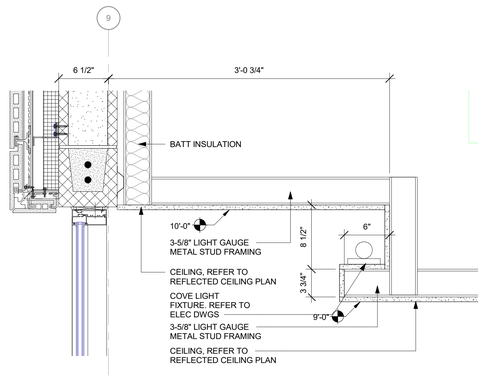
SOFFIT @ FOOD SERVICE PLATFORM J7
1 1/2" = 1'-0"



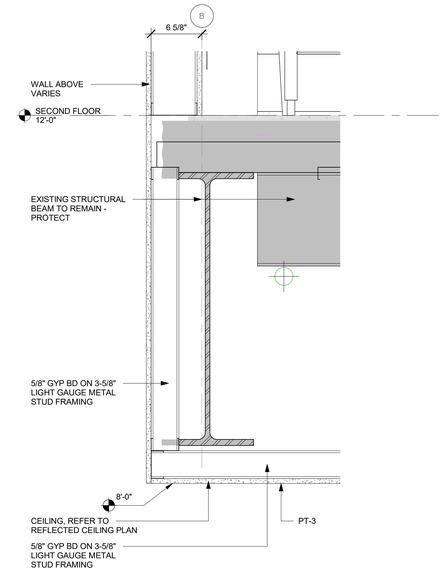
SOFFIT @ HIGH CEILING J3
1 1/2" = 1'-0"



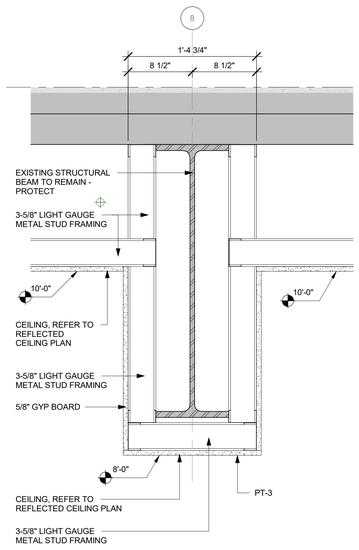
ACT TO GYP CEILING DETAIL F14
1 1/2" = 1'-0"



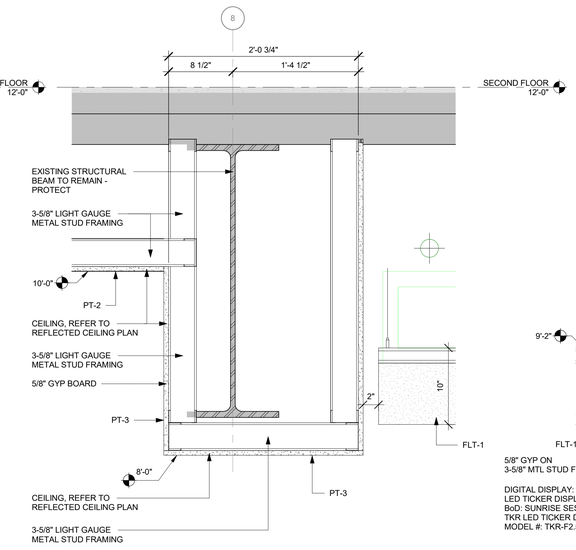
COMPUTER LAB COVE SOFFIT F9
1 1/2" = 1'-0"



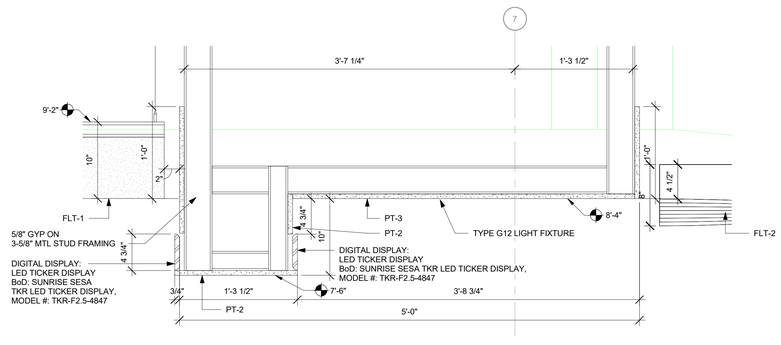
SOFFIT @ MAIN STAIR BEAM E1
1 1/2" = 1'-0"



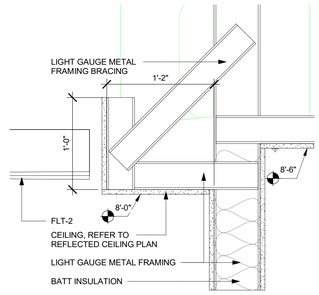
SOFFIT @ BEAM TYP. B15
1 1/2" = 1'-0"



FELT BLADE @ BEAM SOFFIT B11
1 1/2" = 1'-0"



TICKER DISPLAY SOFFIT DETAIL A4
1 1/2" = 1'-0"



FELT BLADE SOFFIT @ WALL A1
1 1/2" = 1'-0"

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMANDO SAMUEL QUIJADA
023313
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

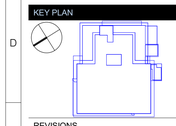
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



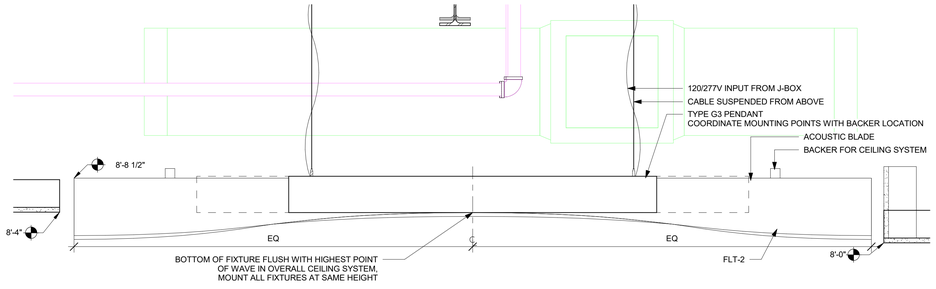
REVISIONS

No.	Description	Date

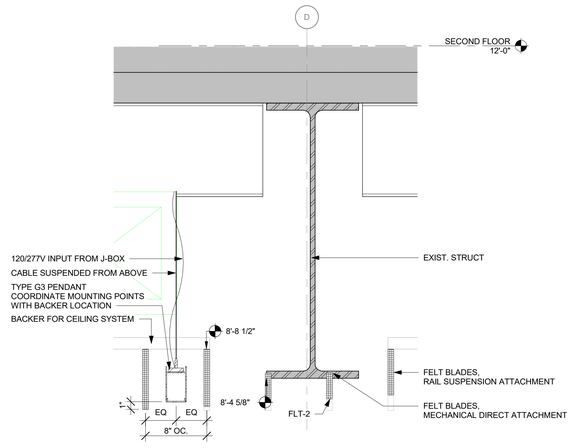
ISSUED: BID SET
DATE: 08/17/26
SCALE: 1 1/2" = 1'-0"
SHEET NAME:
CEILING DETAILS

SHEET NUMBER:
A-551

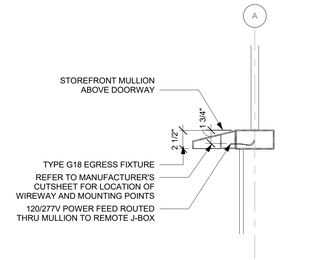
BID SET



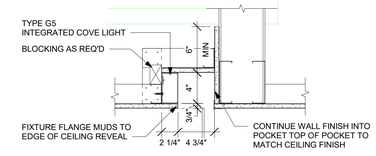
TYPE G3 LIGHT FIXTURE - LONG SECTION A11
1 1/2" = 1'-0"



TYPE G3 LIGHT FIXTURE @ FELT BLADES A6
1 1/2" = 1'-0"



TYPE G18 LIGHT FIXTURE C2
1 1/2" = 1'-0"



TYPE G5 LIGHT FIXTURE COVE SECTION A1
1 1/2" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARNOLDO SUAREZ QUIMBY
022313
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

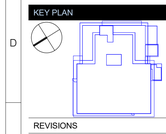
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1 1/2" = 1'-0"
SHEET NAME:
CEILING DETAILS

SHEET NUMBER:
A-552

BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GLAZING LEGEND

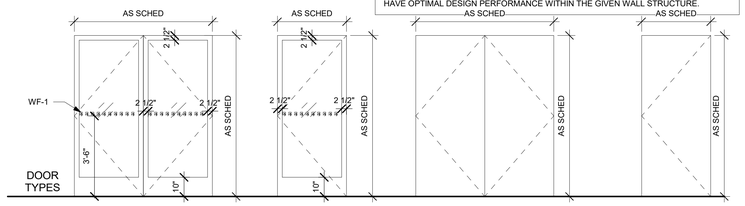
GL1	1" CLEAR INSULATED LAMINATED GLAZING UNIT, EXTERIOR U.O.N
GL2	NOT USED
GL3	NOT USED
GL4	CLEAR LAMINATED, SAFETY GLASS - INTERIOR (U.O.N.)

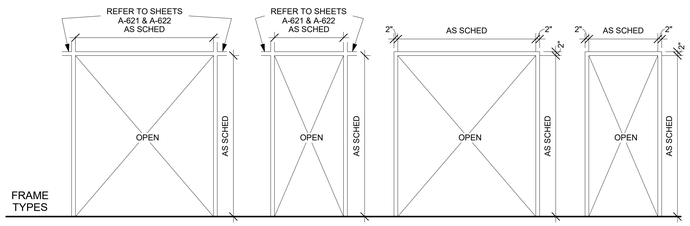
NOTE:
1. ANY GLAZING TO BE SAFETY GLAZING.
2. ANY GLAZING BELOW 60" AFF IS TO BE TEMPERED GLAZING.
3. ALL GLAZING TO RECEIVE CODE REQUIRED SAFETY DECALS.

WINDOW GENERAL NOTES

1. REFER TO SHEET A-622 AND WALL SECTIONS FOR EXTERIOR AND INTERIOR STOREFRONT DETAILS
2. ALL INTERIOR HOLLOW METAL STOREFRONT TO BE PT-4, 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O.
3. ALL EXTERIOR ALUMINUM STOREFRONT TO BE CLEAR ANODIZED ALUMINUM 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O. AND 4 1/2" X 4 1/2" CORNER PROFILE WHERE REQUIRED.
4. ALL EXTERIOR WINDOW DIMENSIONS ARE BRICK TO BRICK COURSING, THEREFORE THE CONTRACTORS SHALL ALLOW FOR PROPER RO DIMENSIONS TO STUD, CMU, AND OTHER NEW WALL OPENING CONDITIONS TO PROPERLY SET ALL SHIMS, ANCHORS, AND BACKER RODS WITH SEALANT.
5. IT'S THE DESIGN INTENT THAT EXTERIOR WINDOWS ARE SEALED COMPLETELY AROUND THE ENTIRE WINDOW WITH EXTERIOR SEALANT, SECONDARY BACKER, AND SEALANT ATTACHED TO THE AIR AND MOISTURE BARRIER.
6. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO DETAIL IN THEIR RESPECTIVE SHOP DRAWINGS ALL THE NECESSARY ATTACHMENTS WHICH INCLUDES THE SEALANT AND ALL REQUIRED INFORMATION.

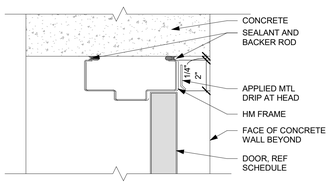
IT'S THE RESPONSIBILITY OF THE GC/CONTRACTORS TO FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO FABRICATION TO ENSURE THE RO ARE PROPERLY CREATED AND WILL HOUSE THE WINDOWS CORRECTLY AND ENSURE THAT THE WINDOWS HAVE OPTIMAL DESIGN PERFORMANCE WITHIN THE GIVEN WALL STRUCTURE.



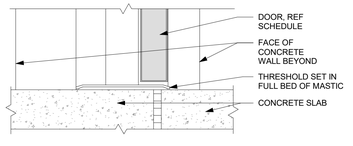


DOOR SCHEDULE

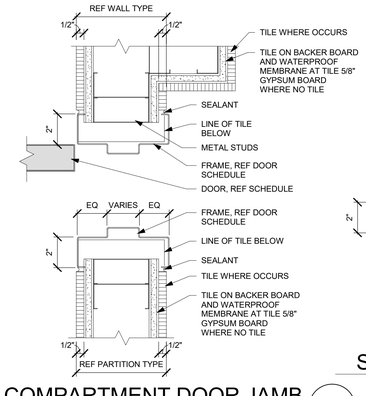
MARK	ROOM NAME	To Room: Number	HARDWARE	DOOR SIZE TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	GLASS TYPE	FINISH	FRAME TYPE	MATERIAL	FINISH	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	FIRE RATING	CARD READER	COMMENTS
223					6'-0"	1'-0"													
FIRST FLOOR																			
EXTERIOR																			
100A	WEST ENTRY	100A	3.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	ANTIQUE BRONZE	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100B	WEST ENTRY	100A	3.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	ANTIQUE BRONZE	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100C	WEST ENTRY	100A	3.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	ANTIQUE BRONZE	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100G	NORTH ENTRY	100B	3.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	ANTIQUE BRONZE	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100H	NORTH ENTRY	100B	3.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	ANTIQUE BRONZE	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
115C	TELECOMMUNICATIONS ROOM	115C	7.0	1	4'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	A	HM	CLASSIC BRONZE	A14/A-601	C5-A-601	C-14/A-601	45MIN	Y	
129	EXIST. HIGH VOLTAGE POWER ROOM	129	5.0	2	5'-6"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	A	HM	CLASSIC BRONZE	A14/A-601	C5-A-601	C-14/A-601	90MIN	Y	
INTERIOR																			
100D	STUDENT COMMONS	100	11.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100E	STUDENT COMMONS	100	11.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100F	STUDENT COMMONS	100	11.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100I	NORTH ENTRY	100B	11.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
100J	NORTH ENTRY	100B	11.0	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601			
101	COMPUTER LAB	101	8.0	3	3'-0"	7'-0"	1 3/4"	ALUM	GL1	-	C	ALUM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601		Y	
101A	PRINTER STORAGE	101A	12.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
104	JC	104	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601		Y	
105	MENS REST.	105	14.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
106	ALL GENDER REST.	106	28.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
107	CORRIDOR	C100	14.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
108	NETWORK CLOSET	108	8.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601		Y	
115A	ATS ROOM	115B	17.0	1	3'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	A	HM	CLASSIC BRONZE	A1/A-601	A5/A-601	A8/A-601	45MIN		
115B	TELECOMMUNICATIONS ROOM	115C	17.0	1	3'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	A	HM	CLASSIC BRONZE	A1/A-601	A5/A-601	A8/A-601	45MIN		
116	CONF. ROOM	116	9.0	3	3'-0"	7'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
116A	CONF. ROOM	116	16.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
117	STUDENT COMMONS	100	9.0	3	3'-0"	7'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
117A	CARD ACCESS ROOM	117	9.0	3	3'-0"	8'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
118	STUDENT COMMONS	100	9.0	3	3'-0"	7'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601			
118A	WAITING AREA	118	9.0	3	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
119	STUDENT COMMONS	100	12.0	3	3'-0"	7'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
120	STUDENT COMMONS	100	12.0	3	3'-0"	7'-0"	1 3/4"	HM	GL1	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
121	CORRIDOR	C118	16.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601			
122	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	A14/A-601	E12/A-601	A12/A-601		Y	
123	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
124	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
125	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
126	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
127	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
128	CORRIDOR	C118	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	-	C	HM	ANTIQUE BRONZE	H1/A-601	E12/A-601	A12/A-601		Y	
C100	CORRIDOR	C100	-	-	0"	0"					-	-	-	-	-	-			OPENING
SECOND FLOOR																			
EXTERIOR																			
201A	NORTH ENTRY	201	3	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	CLASSIC BRONZE		ALUM	CLASSIC BRONZE						
201B	NORTH ENTRY	201	3	3	3'-0"	8'-0"	1 3/4"	ALUM	GL1	CLASSIC BRONZE		ALUM	CLASSIC BRONZE						
208C	EXIT STAIR	ST209	6.0	EX	3'-0"	7'-0"	1 3/4"	EX	-	CLASSIC BRONZE	A	EX	CLASSIC BRONZE	-	-	-	45MIN	Y	EXISTING DOOR TO REMAIN, ADD CARD READER
209B	RECEIVING ENTRY	209	1.0	2	6'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	D	ALUM	CLASSIC BRONZE	A16/A-601	C8/A-601	A8/A-601		Y	
213	DINING AREA	200	29.0	EX	3'-0"	7'-0"	1 3/4"	EX	-	CLASSIC BRONZE	B	EX	CLASSIC BRONZE	-	-	-		Y	EXISTING DOOR TO REMAIN, ADD CARD READER
220	ELECTRICAL CLOSET	220	8.0	1	3'-6"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	A	HM	CLASSIC BRONZE	A16/A-601	A5/A-601	A8/A-601			
221	FOOD OIL STORAGE	221	-	EX	3'-0"	7'-0"	1 3/4"	EX	-	CLASSIC BRONZE	A	EX	CLASSIC BRONZE	-	-	-			EXISTING DOOR TO REMAIN
INTERIOR																			
200A	CORRIDOR	200A	-	-	0"	0"		-	-	-	-	-	-	-	-	-			OPENING
200B	DINING AREA	200	-	-	0"	0"		-	-	-	-	-	-	-	-	-			OPENING
202	ALL GENDER RESTROOM	202	20.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
203	CORRIDOR	200A	15.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601		Y	
204	ALL GENDER TOILET ROOM	204	14.0	1	3'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
204A	ALL GENDER TOILET ROOM	204	18.0	1	2'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
204B	ALL GENDER TOILET ROOM	204	18.0	1	2'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
204C	ALL GENDER TOILET ROOM	204	18.0	1	2'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
204D	ALL GENDER TOILET ROOM	204	18.0	1	2'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
204E	ALL GENDER TOILET ROOM	204	14.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
204F	ALL GENDER TOILET ROOM	204	14.0	1	2'-6"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	A15/A-601	E15/A-601			
206	WARE WASH & POT WASH	206	13.0	2	6'-0"	7'-0"	1 3/4"	HM	-	ANTIQUE BRONZE	B	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
207	BULK DRY STORAGE	207	21.0	2	6'-0"	7'-0"	1 3/4"	HM	-	ANTIQUE BRONZE	B	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
209A	KITCHEN & SERVERY	205	28.0	2	6'-0"	7'-0"	1 3/4"	WD	-	STAIN	B	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
210	KITCHEN & SERVERY	205	-	-	0"	0"					-	-	-	-	-	-			OPENING
210A	ALL GENDER REST.	210A	20.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601			
211	OFFICE	211	12.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	E1/A-601	E5/A-601	E8/A-601		Y	
213	DINING AREA	200	12.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	C	HM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601		Y	
214	DINING AREA	200	12.0	1	3'-0"	7'-0"	1 3/4"	WD	-	STAIN	C	HM	ANTIQUE BRONZE	A16/A-601	C8/A-601	A8/A-601		Y	
215	DINING AREA	200	15.0	1	2'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	ANTIQUE BRONZE	A14/A-601	E5/A-601	E8/A-601		Y	
Z MEZZANINE																			
EXTERIOR																			
302	STAIR	ST309	4.0	2	3'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	B	HM	CLASSIC BRONZE	A1/A-601	A5/A-601	A8/A-601		N	
303	STAIR	ST309	4.0	2	3'-0"	5'-0"	1 3/4"	HM	-	CLASSIC BRONZE	B	HM	CLASSIC BRONZE	A1/A-601	A5/A-601	A8/A-601		N	
INTERIOR																			
301	MECH.	300	4.0	2	6'-0"	7'-0"	1 3/4"	HM	-	CLASSIC BRONZE	B	HM	CLASSIC BRONZE	A1/A-601	A5/A-601	A8/A-601	60MIN	Y	



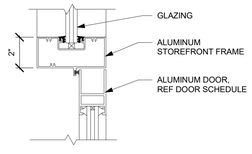
HM HEAD/JAMB AT CONCRETE E15 — 3" = 1'-0"



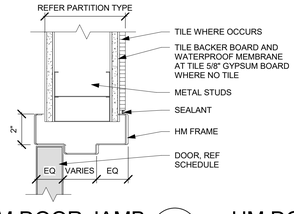
HM SILL AT CONCRETE C15 — 3" = 1'-0"



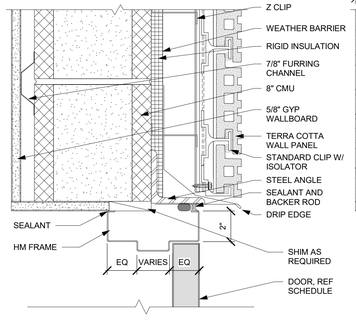
HM BR COMPARTMENT DOOR JAMB C11 — 3" = 1'-0"



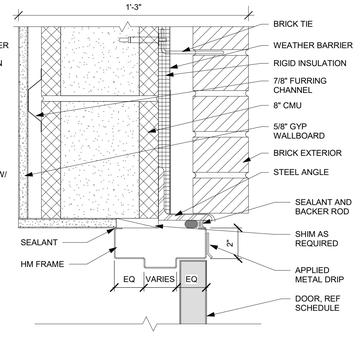
SF DOOR JAMB C9 — 3" = 1'-0"



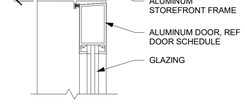
HM DOOR JAMB C7 — 3" = 1'-0"



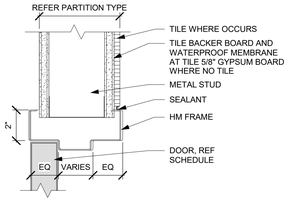
HM DOOR HEAD AT TERRA COTTA C4 — 3" = 1'-0"



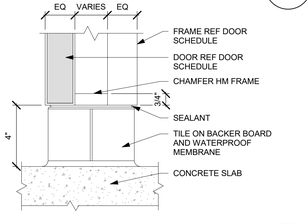
NOT USED C1 — 3" = 1'-0"



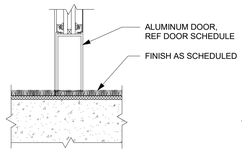
SF DOOR HEAD A17 — 3" = 1'-0"



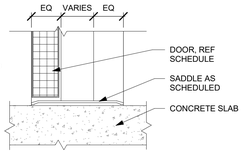
HM DOOR HEAD A15 — 3" = 1'-0"



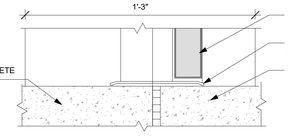
HM BR COMPARTMENT DOOR SILL A11 — 3" = 1'-0"



SF DOOR SILL A9 — 3" = 1'-0"



DOOR SILL A7 — 3" = 1'-0"



HM DOOR SILL AT BRICK A1 — 3" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO SANTIAGO JURADO — 022313 — STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

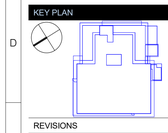
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: DOOR SCHEDULE AND DETAILS
SHEET NUMBER: A-601

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GLAZING LEGEND

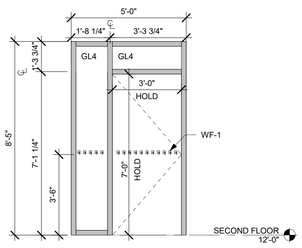
GL1	1" CLEAR INSULATED LAMINATED GLAZING UNIT, EXTERIOR U.O.N
GL2	NOT USED
GL3	NOT USED
GL4	CLEAR LAMINATED, SAFETY GLASS - INTERIOR (U.O.N.)

NOTE:
1. ANY GLAZING TO BE SAFETY GLAZING.
2. ANY GLAZING BELOW 60" AFF IS TO BE TEMPERED GLAZING.
3. ALL GLAZING TO RECEIVE CODE REQUIRED SAFETY DECALS.

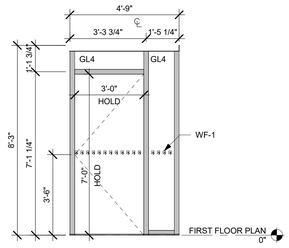
WINDOW GENERAL NOTES

1. REFER TO SHEET A-622 AND WALL SECTIONS FOR EXTERIOR AND INTERIOR STOREFRONT DETAILS
2. ALL INTERIOR HOLLOW METAL STOREFRONT TO BE PT-4, 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O.
3. ALL EXTERIOR ALUMINUM STOREFRONT TO BE CLEAR ANODIZED ALUMINUM 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O. AND 4 1/2" X 4 1/2" CORNER PROFILE WHERE REQUIRED.
4. ALL EXTERIOR WINDOW DIMENSIONS ARE BRICK TO BRICK COURSING, THEREFORE THE CONTRACTORS SHALL ALLOW FOR PROPER RO DIMENSIONS TO STUD, CMU, AND OTHER NEW WALL OPENING CONDITIONS TO PROPERLY SET ALL SHIMS, ANCHORS, AND BACKER RODS WITH SEALANT.
5. IT'S THE DESIGN INTENT THAT EXTERIOR WINDOWS ARE SEALED COMPLETELY AROUND THE ENTIRE WINDOW WITH EXTERIOR SEALANT, SECONDARY BACKER, AND SEALANT ATTACHED TO THE AIR AND MOISTURE BARRIER.
6. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO DETAIL IN THEIR RESPECTIVE SHOP DRAWINGS ALL THE NECESSARY ATTACHMENTS WHICH INCLUDES THE SEALANT AND ALL REQUIRED INFORMATION.

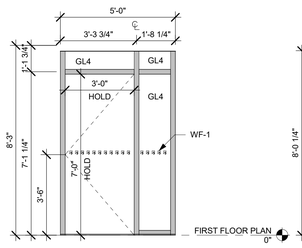
IT'S THE RESPONSIBILITY OF THE GC/CONTRACTORS TO FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO FABRICATION TO ENSURE THE RO ARE PROPERLY CREATED AND WILL HOUSE THE WINDOWS CORRECTLY AND ENSURE THAT THE WINDOWS HAVE OPTIMAL DESIGN PERFORMANCE WITHIN THE GIVEN WALL STRUCTURE.



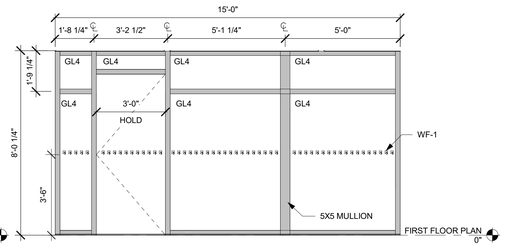
TYPE 8
HOLLOW METAL
STOREFRONT
NON RATED



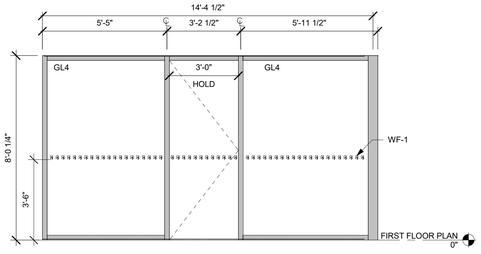
TYPE 7A
HOLLOW METAL
STOREFRONT
NON RATED



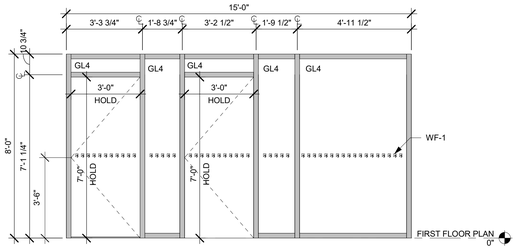
TYPE 7
HOLLOW METAL
STOREFRONT
NON RATED



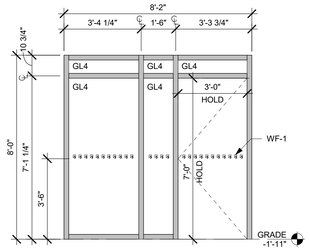
TYPE 6
HOLLOW METAL
STOREFRONT
NON RATED



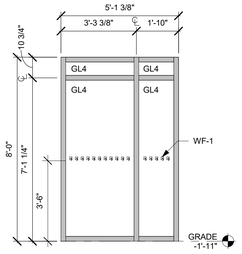
TYPE WN-5
HOLLOW METAL
STOREFRONT
NON RATED



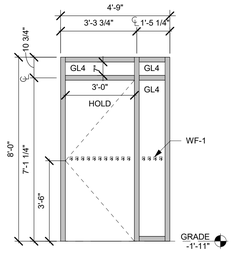
TYPE 4
HOLLOW METAL
STOREFRONT
NON RATED



TYPE 3
HOLLOW METAL
STOREFRONT
NON RATED



TYPE 2
HOLLOW METAL
STOREFRONT
NON RATED



TYPE 1
HOLLOW METAL
STOREFRONT
NON RATED

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARNALDO QUIROZ QUIMSEN
022313
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

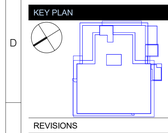
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
INTERIOR WINDOW ELEVATIONS

SHEET NUMBER:
A-621

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GLAZING LEGEND

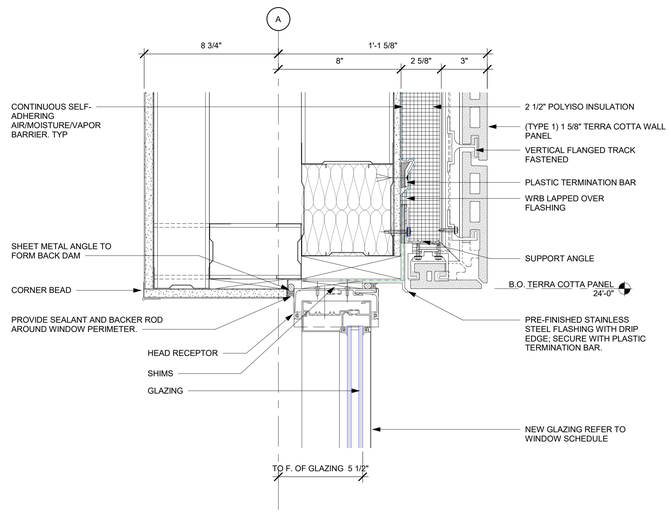
GL1	1" CLEAR INSULATED LAMINATED GLAZING UNIT, EXTERIOR U.O.N
GL2	NOT USED
GL3	NOT USED
GL4	CLEAR LAMINATED, SAFETY GLASS - INTERIOR (U.O.N.)

NOTE:
1. ANY GLAZING TO BE SAFETY GLAZING.
2. ANY GLAZING BELOW 60" AFF IS TO BE TEMPERED GLAZING.
3. ALL GLAZING TO RECEIVE CODE REQUIRED SAFETY DECALS.

WINDOW GENERAL NOTES

1. REFER TO SHEET A-622 AND WALL SECTIONS FOR EXTERIOR AND INTERIOR STOREFRONT DETAILS
2. ALL INTERIOR HOLLOW METAL STOREFRONT TO BE PT-4, 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O.
3. ALL EXTERIOR ALUMINUM STOREFRONT TO BE CLEAR ANODIZED ALUMINUM 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O. AND 4 1/2" X 4 1/2" CORNER PROFILE WHERE REQUIRED.
4. ALL EXTERIOR WINDOW DIMENSIONS ARE BRICK TO BRICK COURSING, THEREFORE THE CONTRACTORS SHALL ALLOW FOR PROPER RO DIMENSIONS TO STUD, CMU, AND OTHER NEW WALL OPENING CONDITIONS TO PROPERLY SET ALL SHIMS, ANCHORS, AND BACKER RODS WITH SEALANT.
5. IT'S THE DESIGN INTENT THAT EXTERIOR WINDOWS ARE SEALED COMPLETELY AROUND THE ENTIRE WINDOW WITH EXTERIOR SEALANT, SECONDARY BACKER, AND SEALANT ATTACHED TO THE AIR AND MOISTURE BARRIER.
6. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO DETAIL IN THEIR RESPECTIVE SHOP DRAWINGS ALL THE NECESSARY ATTACHMENTS WHICH INCLUDES THE SEALANT AND ALL REQUIRED INFORMATION.

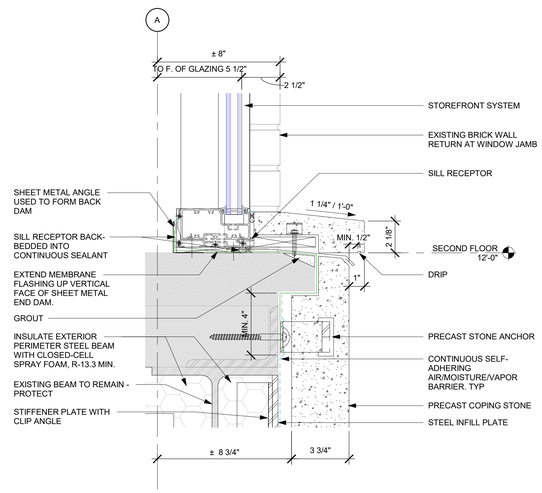
IT'S THE RESPONSIBILITY OF THE GC/CONTRACTORS TO FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO FABRICATION TO ENSURE THE RO ARE PROPERLY CREATED AND WILL HOUSE THE WINDOWS CORRECTLY AND ENSURE THAT THE WINDOWS HAVE OPTIMAL DESIGN PERFORMANCE WITHIN THE GIVEN WALL STRUCTURE.



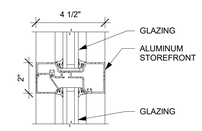
EXTERIOR SF TERRECOTTA WINDOW HEAD F12
3" = 1'-0"

SF CORNER MULLION F8
3" = 1'-0"

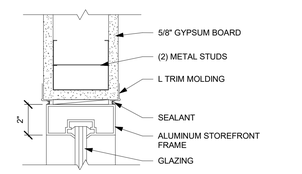
INTERIOR SF WINDOW HEAD F4
3" = 1'-0"



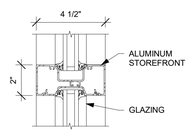
EXTERIOR SF WINDOW SILL DETAIL A1
3" = 1'-0"



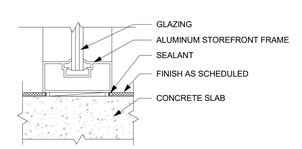
SF HORIZ MULLION C8
3" = 1'-0"



INTERIOR SF WINDOW JAMB C4
3" = 1'-0"



SF VERT MULLION A8
3" = 1'-0"



INTERIOR SF INTERIOR SILL A4
3" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARAMIS SAMUEL PAYNE 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

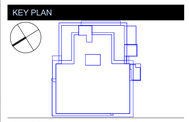
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: WINDOW DETAILS
SHEET NUMBER: A-622

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GLAZING LEGEND

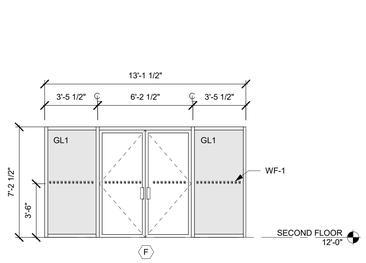
GL1	1" CLEAR INSULATED LAMINATED GLAZING UNIT, EXTERIOR U.O.N
GL2	NOT USED
GL3	NOT USED
GL4	CLEAR LAMINATED, SAFETY GLASS - INTERIOR (U.O.N.)

NOTE:
1. ANY GLAZING TO BE SAFETY GLAZING.
2. ANY GLAZING BELOW 60" AFF IS TO BE TEMPERED GLAZING.
3. ALL GLAZING TO RECEIVE CODE REQUIRED SAFETY DECALS.

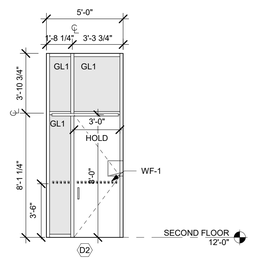
WINDOW GENERAL NOTES

1. REFER TO SHEET A-622 AND WALL SECTIONS FOR EXTERIOR AND INTERIOR STOREFRONT DETAILS
2. ALL INTERIOR HOLLOW METAL STOREFRONT TO BE PT-4, 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O.
3. ALL EXTERIOR ALUMINUM STOREFRONT TO BE CLEAR ANODIZED ALUMINUM 2" X 4 1/2" PROFILE WITH CENTER GLAZING U.N.O. AND 4 1/2" X 4 1/2" CORNER PROFILE WHERE REQUIRED.
4. ALL EXTERIOR WINDOW DIMENSIONS ARE BRICK TO BRICK COURSING, THEREFORE THE CONTRACTORS SHALL ALLOW FOR PROPER RO DIMENSIONS TO STUD, CMU, AND OTHER NEW WALL OPENING CONDITIONS TO PROPERLY SET ALL SHIMS, ANCHORS, AND BACKER RODS WITH SEALANT.
5. IT'S THE DESIGN INTENT THAT EXTERIOR WINDOWS ARE SEALED COMPLETELY AROUND THE ENTIRE WINDOW WITH EXTERIOR SEALANT, SECONDARY BACKER, AND SEALANT ATTACHED TO THE AIR AND MOISTURE BARRIER.
6. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO DETAIL IN THEIR RESPECTIVE SHOP DRAWINGS ALL THE NECESSARY ATTACHMENTS WHICH INCLUDES THE SEALANT AND ALL REQUIRED INFORMATION.

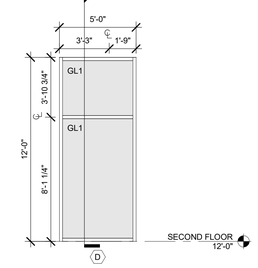
IT'S THE RESPONSIBILITY OF THE GC/CONTRACTORS TO FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO FABRICATION TO ENSURE THE RO ARE PROPERLY CREATED AND WILL HOUSE THE WINDOWS CORRECTLY AND ENSURE THAT THE WINDOWS HAVE OPTIMAL DESIGN PERFORMANCE WITHIN THE GIVEN WALL STRUCTURE.



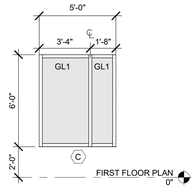
TYPE F
CLEAR ANODIZED ALUMINUM STOREFRONT



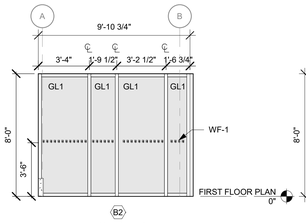
TYPE D2
CLEAR ANODIZED ALUMINUM STOREFRONT



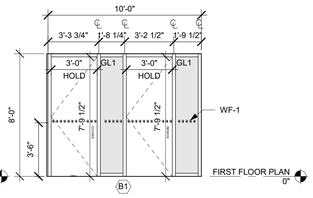
TYPE D
CLEAR ANODIZED ALUMINUM STOREFRONT



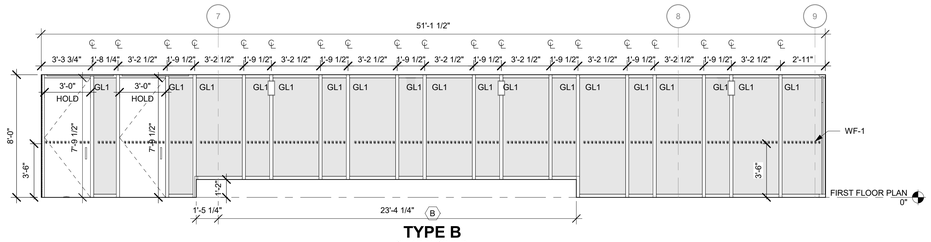
TYPE C
CLEAR ANODIZED ALUMINUM STOREFRONT



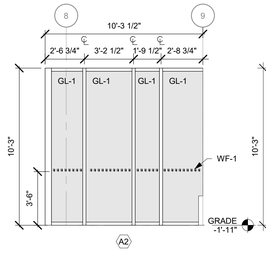
TYPE B2
CLEAR ANODIZED ALUMINUM STOREFRONT



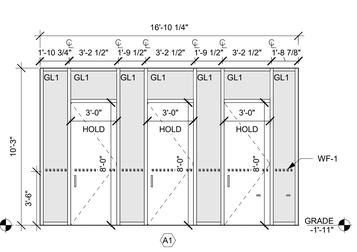
TYPE B1
CLEAR ANODIZED ALUMINUM STOREFRONT



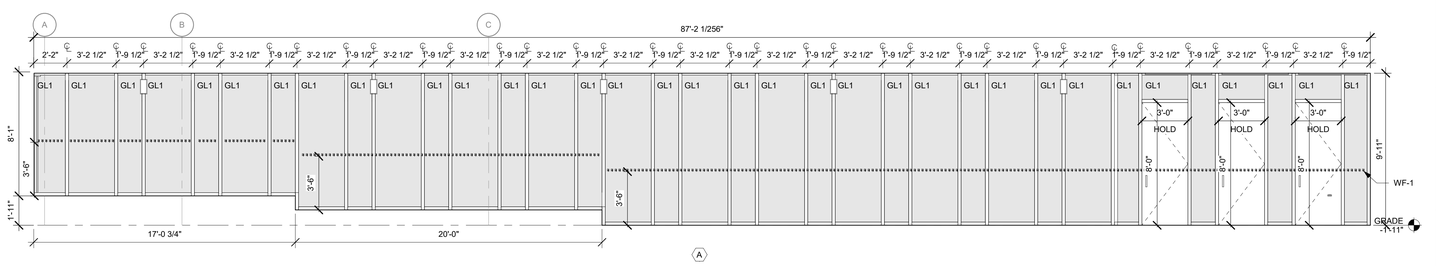
TYPE B
CLEAR ANODIZED ALUMINUM STOREFRONT



TYPE A2
CLEAR ANODIZED ALUMINUM STOREFRONT



TYPE A1
CLEAR ANODIZED ALUMINUM STOREFRONT



TYPE A
CLEAR ANODIZED ALUMINUM STOREFRONT

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

RIcca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL DUMONT 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

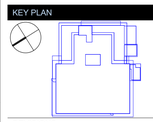
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



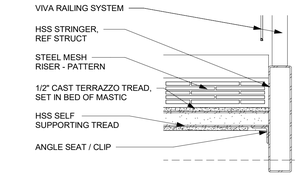
REVISIONS

No.	Description	Date

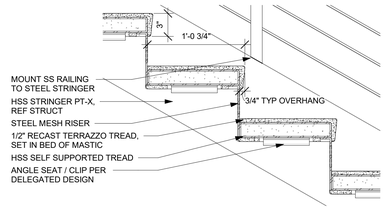
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: EXTERIOR WINDOW ELEVATIONS
SHEET NUMBER: A-631

BID SET

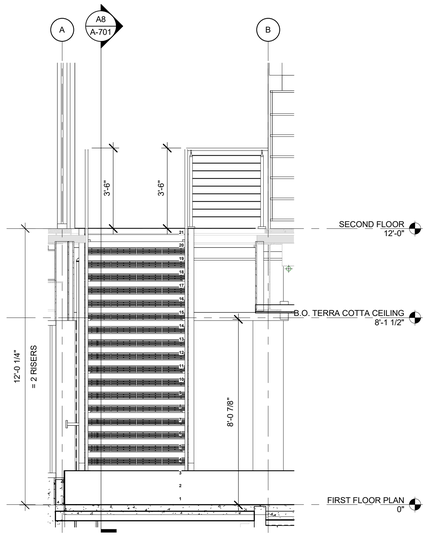
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



MAIN STAIR STRINGER & TREAD H5
1 1/2" = 1'-0"

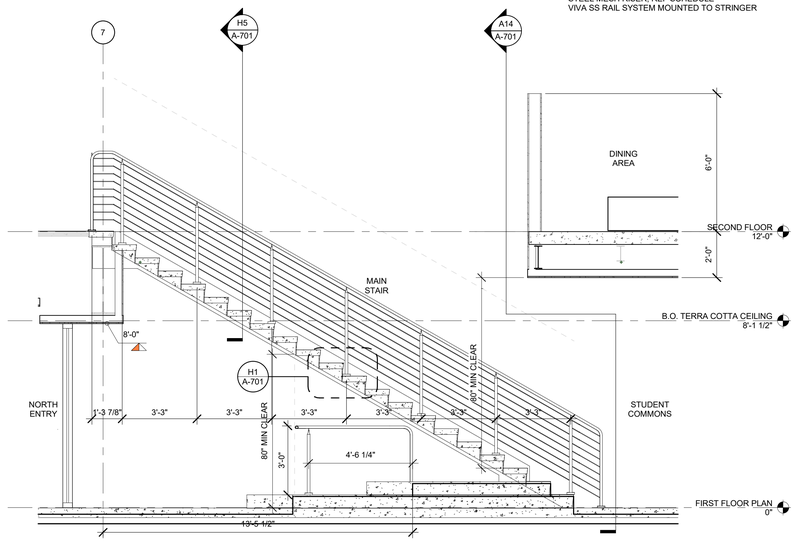


MAIN STAIR TREAD & RISER DETAIL H1
1 1/2" = 1'-0"

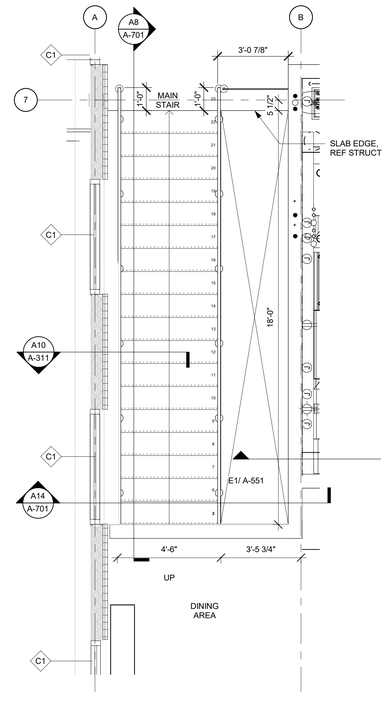


MAIN STAIR SECTION B A14
3/8" = 1'-0"

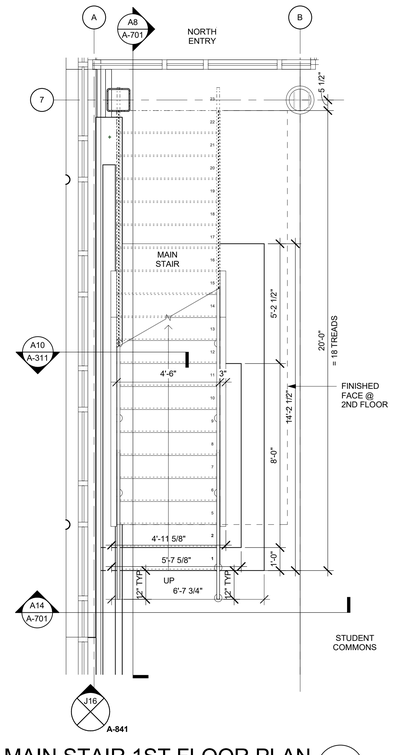
MAIN STAIR NOTES:
HSS TUBE SELF SUPPORTING STAIR
1/2" PRECAST TERRAZZO TREADS
3" HSS TUBE STRINGER, DELEGATED DESIGN
PAINTED EXPOSED STRINGERS, REF SCHEDULE
STEEL MESH RISER, REF SCHEDULE
VIVA SS RAIL SYSTEM MOUNTED TO STRINGER



MAIN STAIR SECTION A A8
3/8" = 1'-0"



MAIN STAIR 2ND FLOOR PLAN A4
3/8" = 1'-0"



MAIN STAIR 1ST FLOOR PLAN A1
3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO SUAREZ-QUIMPO 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

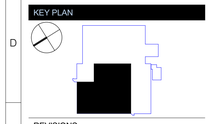
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



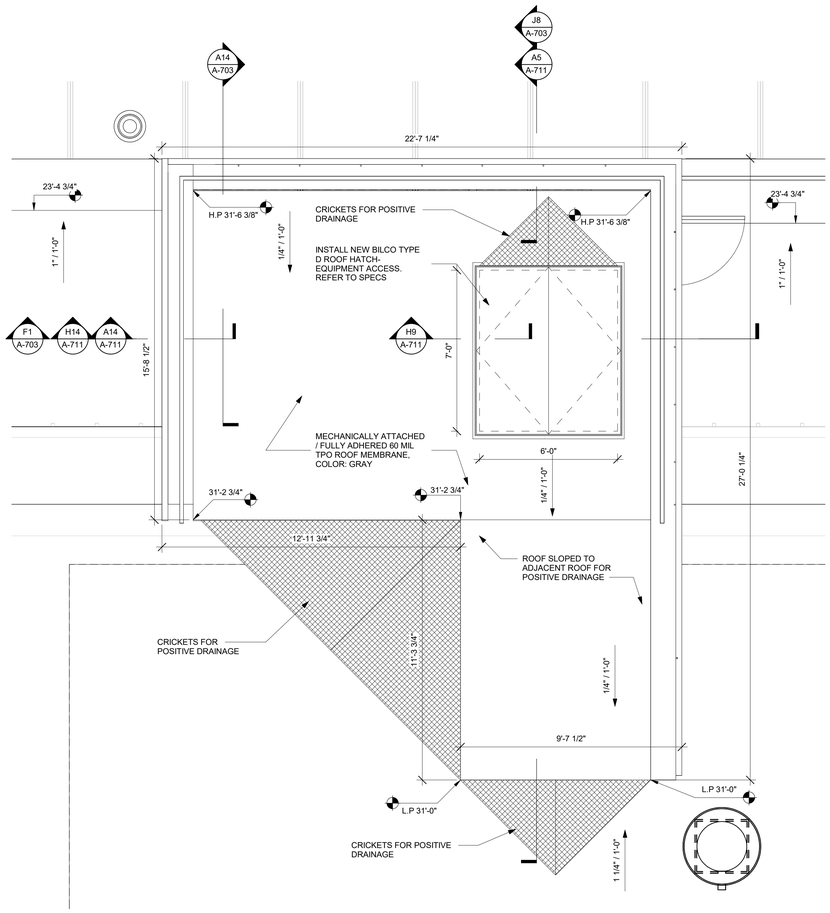
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: STAIR PLANS & SECTIONS
SHEET NUMBER: A-701

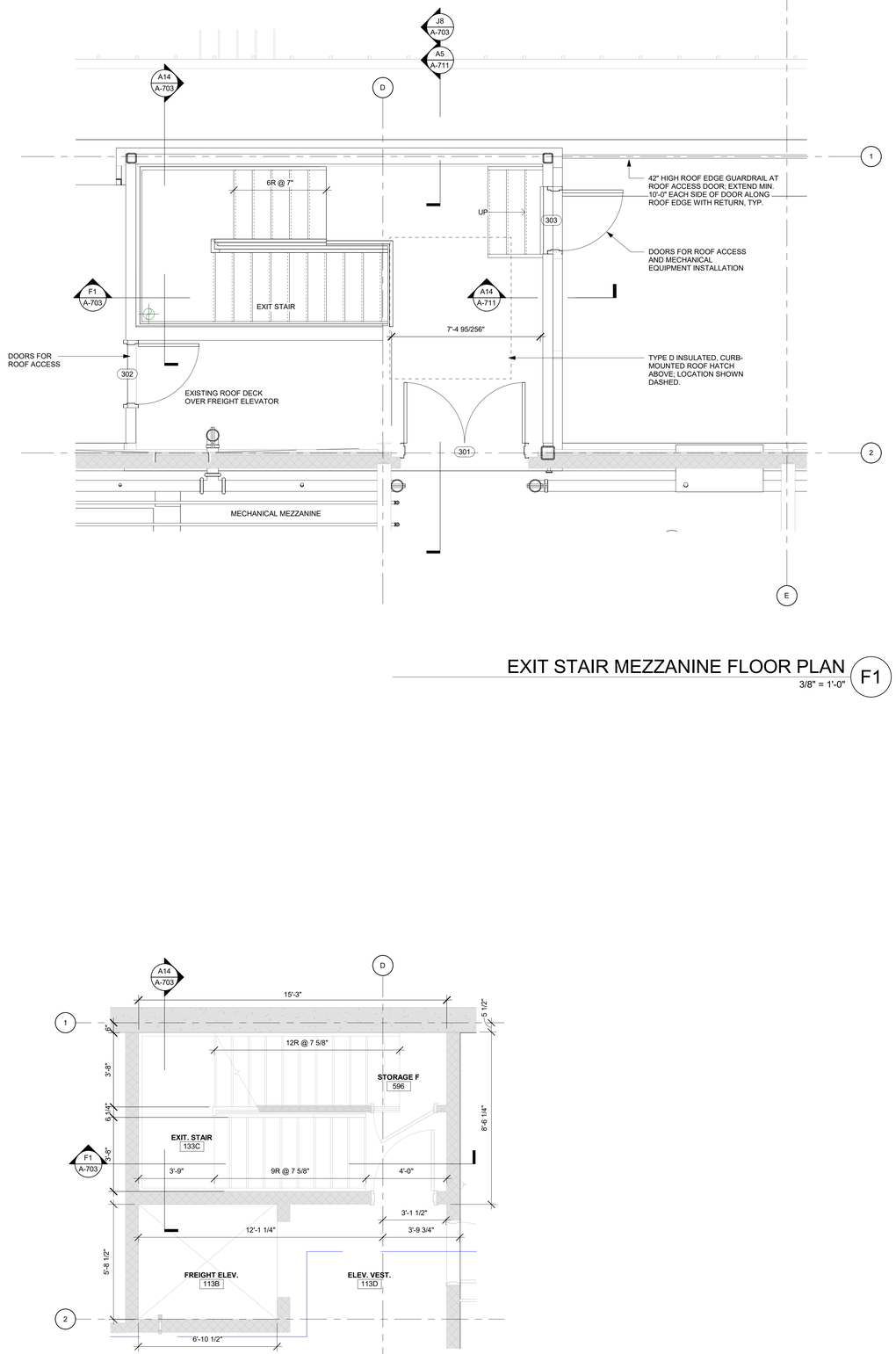
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



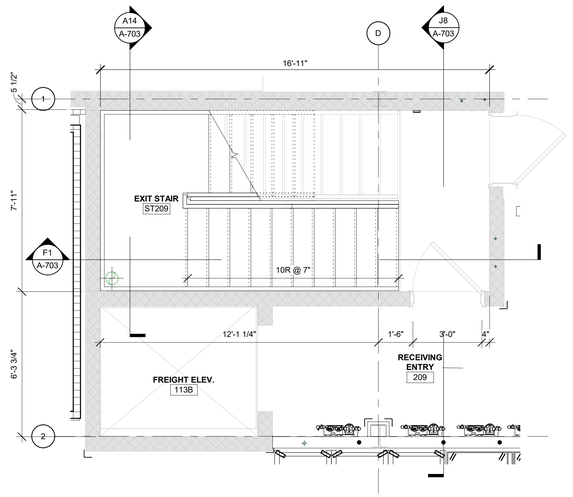
MEZZANINE EXIT STAIR ROOF PLAN H8

3/8" = 1'-0"



EXIT STAIR MEZZANINE FLOOR PLAN F1

3/8" = 1'-0"



EXIT STAIR 2ND FLOOR PLAN A8

3/8" = 1'-0"

EXIT STAIR 1ST FLOOR PLAN A4

3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL GIORDANO 023313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

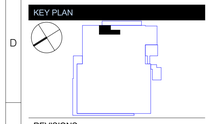
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 3/8" = 1'-0"

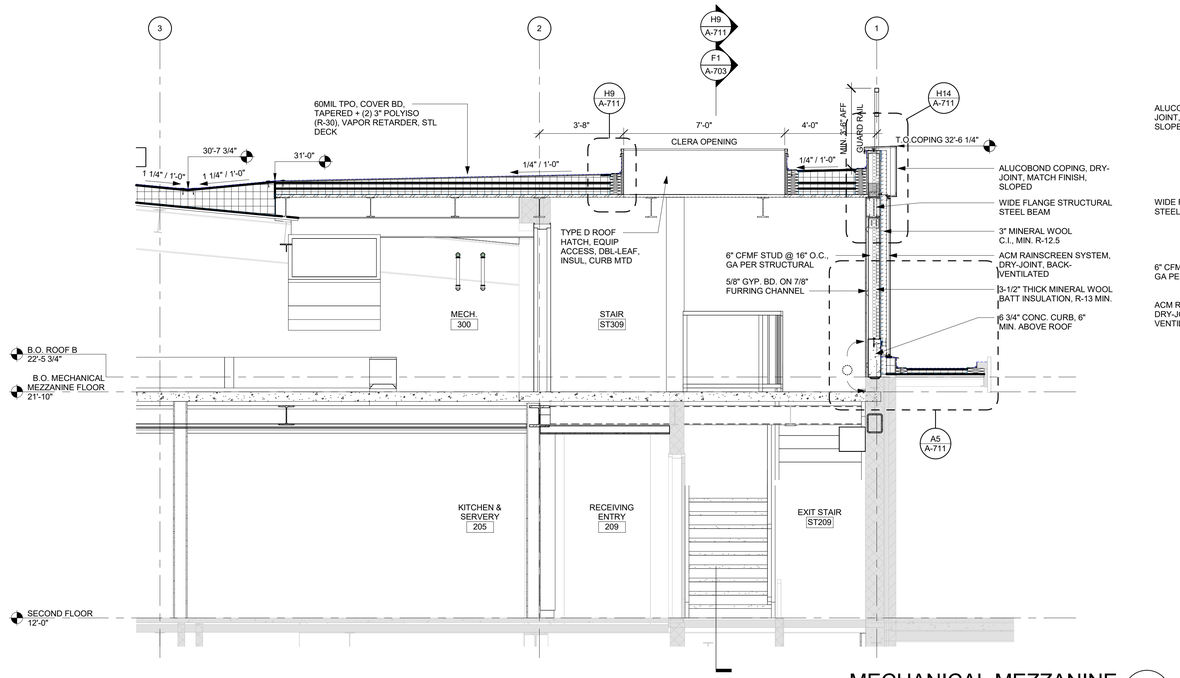
SHEET NAME:
STAIR PLANS & SECTIONS

SHEET NUMBER:

A-702

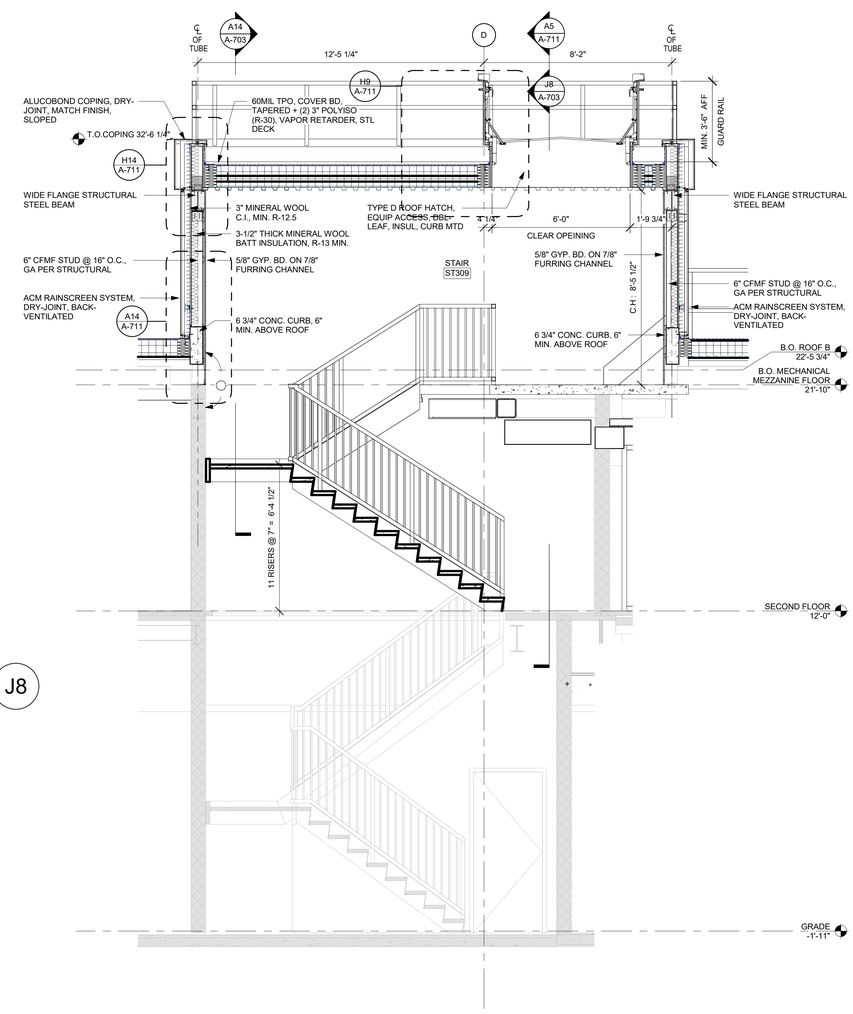
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



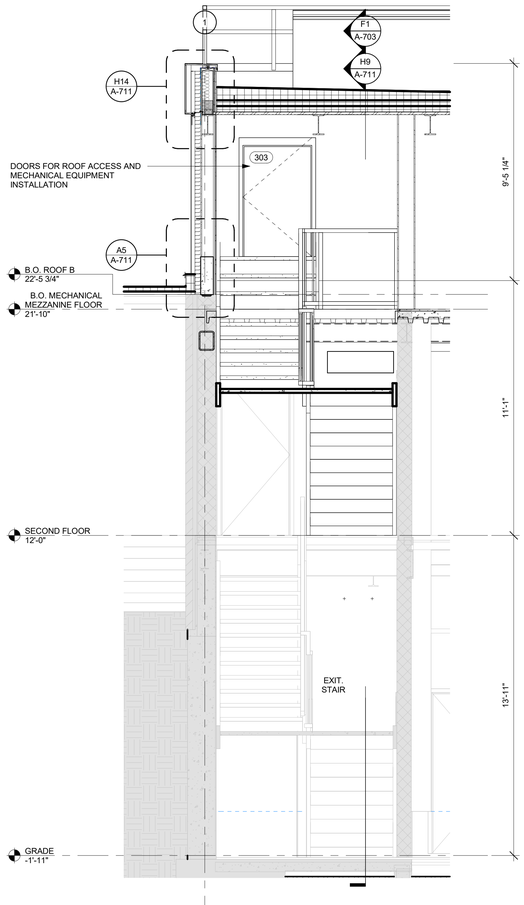
MECHANICAL MEZZANINE

3/8" = 1'-0" J8



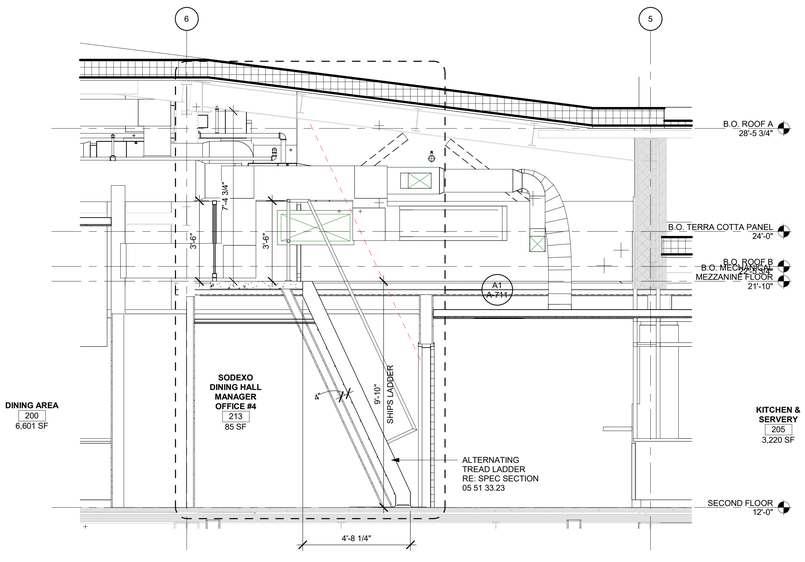
EXIT STAIR SECTION A

3/8" = 1'-0" F1



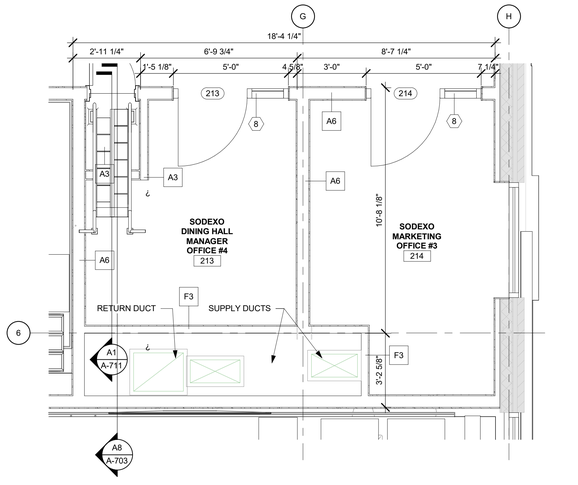
EXIT STAIR SECTION B

3/8" = 1'-0" A14



MEZZANINE SECTION A

3/8" = 1'-0" A8



SODEXO OFFICES ENLARGED FLOOR PLAN

3/8" = 1'-0" A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SANTIAGO QUIMPO 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

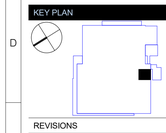
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

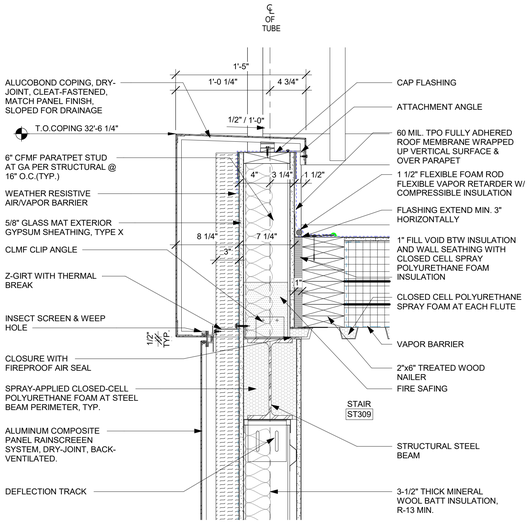
SCALE: 3/8" = 1'-0"

SHEET NAME:
STAIR PLANS & SECTIONS

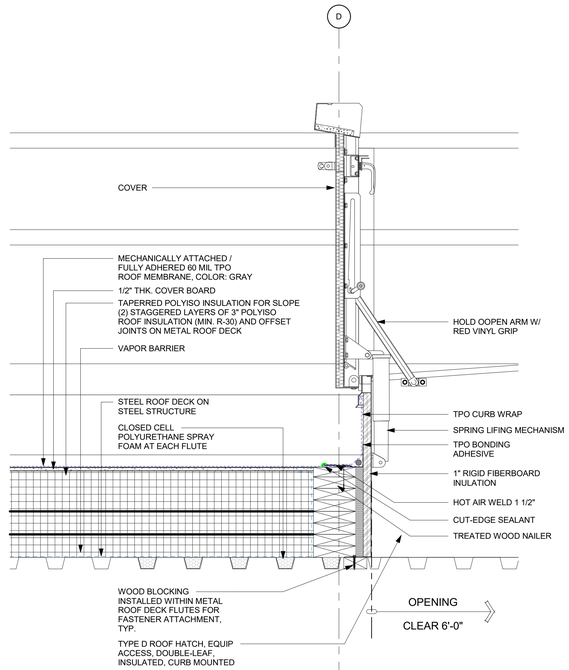
SHEET NUMBER:
A-703

BID SET

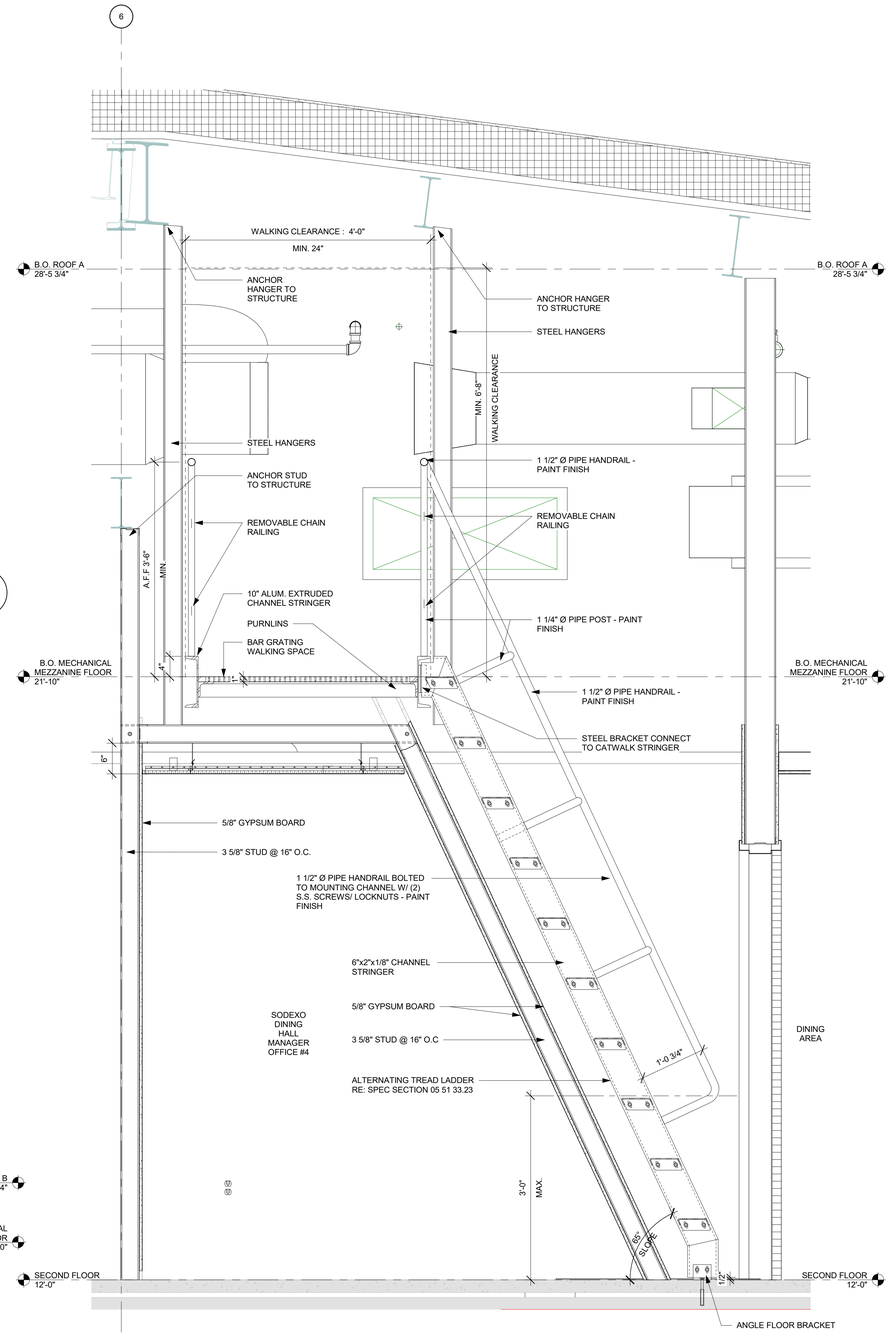
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



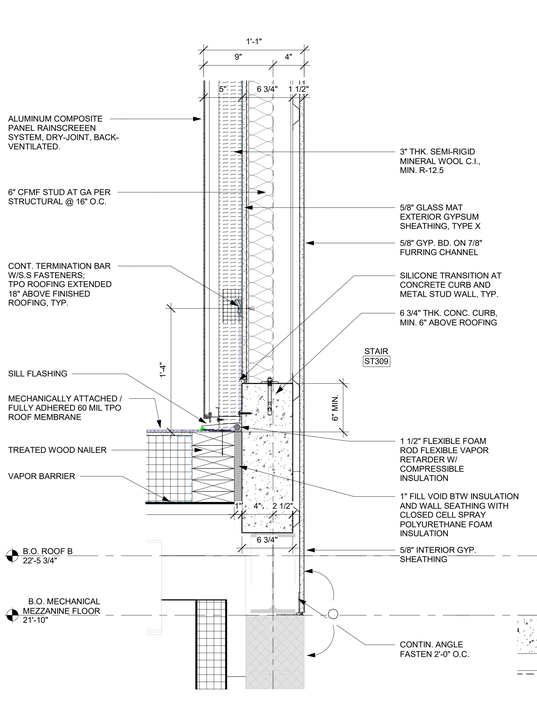
PARAPET DETAIL @ EXIT STAIR H14
1 1/2" = 1'-0"



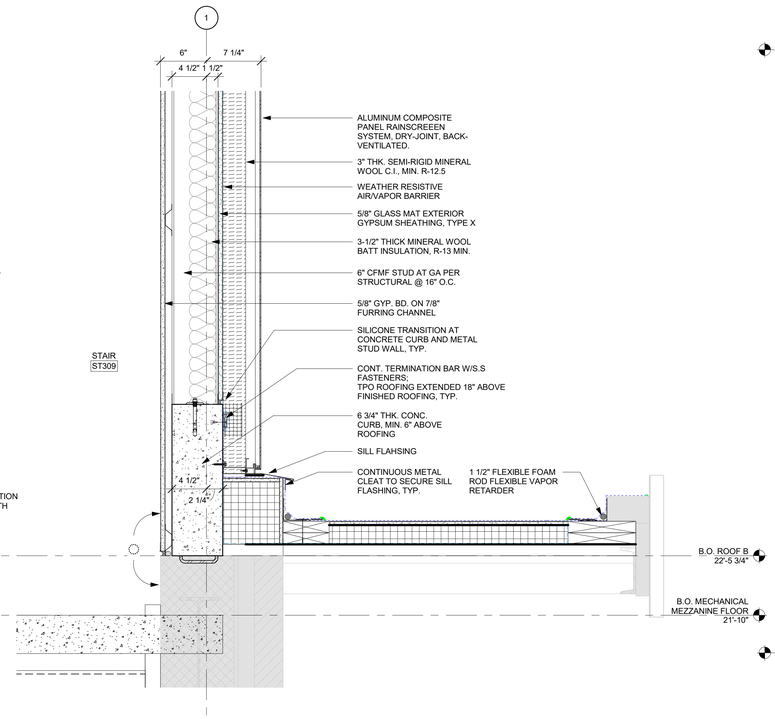
ROOF HATCH CURB DETAIL @ EXIT STAIR H9
1 1/2" = 1'-0"



SECTION - SHIP LADDER A1
1" = 1'-0"



CURB DETAIL I @ EXIT STAIR A14
1 1/2" = 1'-0"



CURB DETAIL II @ EXIT STAIR A5
1 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARKADIY SAMUEL GORDON 032331 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

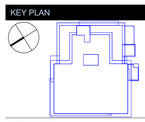
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

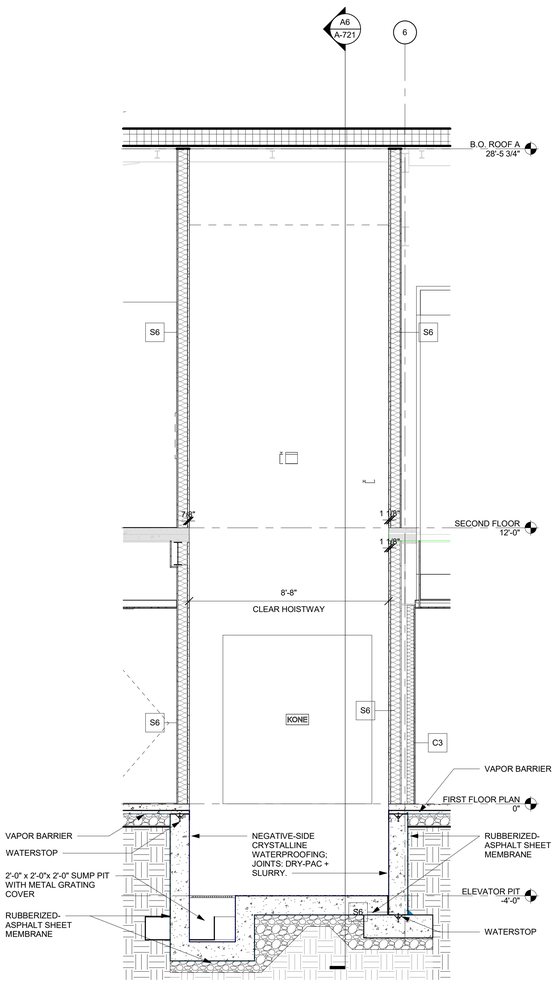
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME:
STAIR DETAILS

SHEET NUMBER:
A-711

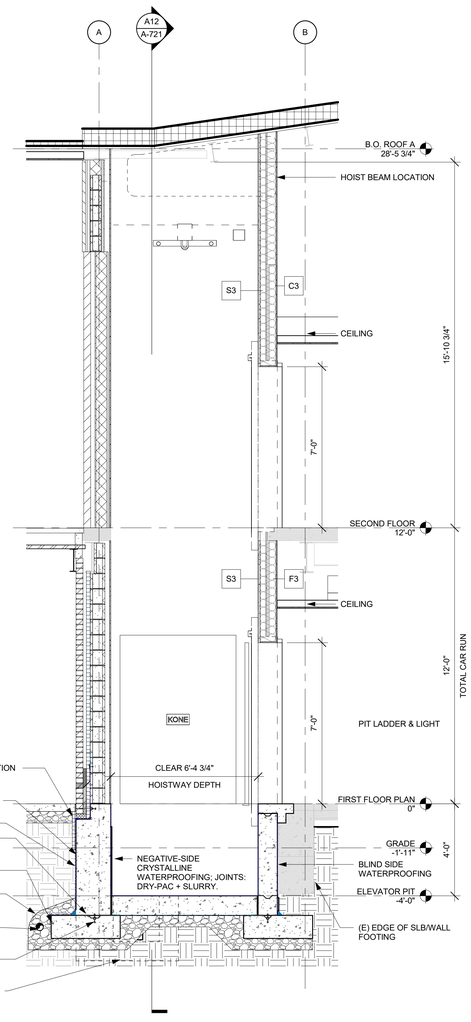
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



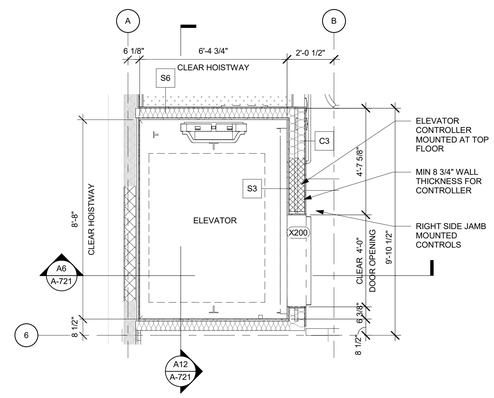
ELEVATOR SECTION B

3/8" = 1'-0" — A12



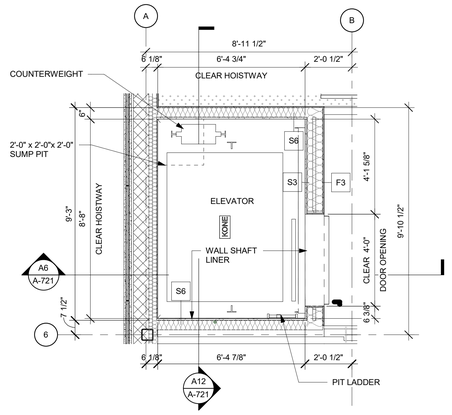
ELEVATOR SECTION A

3/8" = 1'-0" — A6



ELEVATOR 2ND FLOOR PLAN

3/8" = 1'-0" — A5



ELEVATOR 1ST FLOOR PLAN

3/8" = 1'-0" — A2

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL GUARINO 023113 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

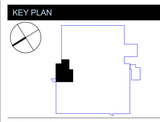
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 3/8" = 1'-0"

SHEET NAME:
ELEVATOR PLANS & SECTIONS

SHEET NUMBER:
A-721

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

FINISH LEGEND

SYMBOL	MATERIAL TYPE	MANUFACTURER	PATTERN	COLOR	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA LAY-IN AND TEGULAR, 24" X 24"	1911 TEMP WHITE	
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	CERAMAGUARD FINE FISSURED LAY-IN AND TEGULAR, 24" X 24"	1911 TEMP WHITE	ALL FOODSERVICE AND RESTROOMS AREAS
CPT-1	CARPET TILE	INTERFACE	WE153, 9.85" X 39.37"	104448 MIDNIGHT	COMPUTER LAB
CPT-2	WALK OFF CARPET	INTERFACE	SR899,19.69" X 19.69"	IRON	ENTRY VESTIBULE
FLT-1	FELT BLADES	ARMSTRONG	FELTWORKS BLADES- 8INCH-RECTANGULAR PANELS	CELESTIAL	STUDENT COMMONS / DINING AREA
FLT-2	FELT BLADES	ARMSTRONG	FELTWORKS BLADES- EBBS &FLOWS	WHISPER	STUDENT COMMONS
EF-1	EPOXY FLOORING	DURAFLEX	REFLEXIONS DESIGNER FLOOR SYSTEMS	TITANIUM W/ NIMBUS ACCENTS, ARMOR TOP COAT	OVERALL FLOORING
PL-1	PLASTIC LAMINATE	WILSONART	LAMINART PANELS	CLASSIC MAPLE, VELVA-TEX-VT 3062	MILLWORK, STATION FRONT PANELS
PT-1	PAINT	BENJAMIN MOORE	SATIN	OC-17 WHITE DOVE	FIELD PAINT - WALLS
PT-2	PAINT	BENJAMIN MOORE	EGGSHELL	OC-117 SIMPLY WHITE	FIELD PAINT - CEILINGS
PT-3	PAINT	BENJAMIN MOORE	SATIN	2066-10 BLUE	ACCENT PAINT
PT-4	PAINT	BENJAMIN MOORE	SATIN	2015-10 ELECTRIC ORANGE	ACCENT PAINT
PT-5	PAINT	EPOXY PAINT	SATIN	OC-17 WHITE DOVE	EXPOSED INTERIOR COLUMNS
PT-6	PAINT	EPOXY PAINT	SATIN	HC-179 PLATINUM GRAY	FIELD PAINT - FLOORS
SS-1	SOLID SURFACE - QUARTZ	CAESARSTONE	2CM	CALACATTA NUVO	SERVERY COUNTERTOP
SS-2	SOLID SURFACE - QUARTZ	CAESARSTONE	3CM	PURE WHITE	SEAT WALL COUNTERTOP
SS-3	SOLID SURFACE - QUARTZ	CAESARSTONE	3CM	FROSTY CARRINA	BATHROOM COUNTERTOP
TL-1	PORCELAIN TILE	TILEBAR	FORDHAM, 24" X 24"	NERO	BATHROOM FLOOR TILE
WT-1	PORCELAIN TILE	TILEBAR	COLORPLAY, 4.5" X 18"	NAUTICAL BLUE	SERVERY WALL TILE
WT-2	PORCELAIN TILE	TILEBAR	HEXART, 8" HEXAGON	ORANGE	SECOND FLOOR DINING ENTRY ACCENT WALL
WT-3A	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	SONIC WHITE VL75	RESTROOM WALL TILE
WT-3B	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	NAVAL VL67	RESTROOM WALL TILE
WT-3C	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	CLAY VL65	RESTROOM WALL TILE
TXT-1	TEXTILE	ARCHITEX	BEN DAY	PROCESS	SEAT CUSHION FABRIC - SEAT WALL
TXT-2	TEXTILE	DESIGNTEX	TRAVELER	OCEANSIDE	BACK CUSHION FABRIC - SEAT WALL
WB-1	RUBBER WALL BASE	TARKETT	WALL BASE 4"	TITANIUM	OVERALL WALL BASE
WTB-1	WALL TILE BASE	TILEBAR	FORDHA BULLNOSE, 3" X 24"	NERO	RESTROOM WALL BASE
WC-1	WALL COVERING	MARLITE	ARTIZAN DIGITALLY PRINTED FRP	2062 - SKY SAWN OAK	WOOD WALL PANELS
WF-1	WINDOW FILM	JOHNSON WINDOW FILM	SPECIALTY SERIES	WHITE OUT, SUNY NEW PALTZ ICON	GLAZING, REFER TO CAMPUS FOR VECTOR FILES

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	Wall Finish	CEILING FINISH	COMMENTS
FIRST FLOOR PLAN						
100	STUDENT COMMONS	EF-1	WB-1	PT-1 /PT-3/ PT-4 / WT-2 / WC-1	PT-2 / FLT-1 / FLT-2	
100A	WEST ENTRY	CPT-2	WB-1 / WF-1	PT-1 / WT-1	PT-2	
100B	NORTH ENTRY	CPT-2	WB-1 / WF-1	PT-1 / WT-1	PT-2	
101	COMPUTER LAB	CPT-1	WB-1	PT-3	PT-2	
101A	PRINTER STORAGE	CPT-1	WB-1	PT-1	PT-2	
103	SWEETS AND TREATS	EF-1	WB-1	PT-1	PT-2	
104	JC	PT-6	WB-1	WT-3A	PT-2	
105	MENS REST.	TL-1	WTB-1	WT-3	PT-2	
106	ALL GENDER REST.	TL-1	WTB-1	WT-3	PT-2	
107	WOMEN REST.	TL-1	WTB-1	WT-3	PT-2	
108	NETWORK CLOSET	PT-6	WB-1	PT-1	PT-2	
115B	ATS ROOM	PT-6	WB-1	PT-1	OTS / PT-2	
115C	TELECOMMUNICATIONS ROOM	PT-6	WB-1	PT-1	OTS / PT-2	
116	CONF. ROOM	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
116A	CLOSET	CPT-1	WB-1	PT-1	PT-2	
117	CARD ACCESS ROOM	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
118	WAITING AREA	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
119	SODEXO OFFICE #1	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
120	SODEXO OFFICE #2	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
121	CLOSET	CPT-1	WB-1	PT-1	PT-2	
122	STAFF LOUNGE	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
123	OFFICE #6	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
124	OFFICE #5	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
125	OFFICE #4	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
126	OFFICE #3	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
127	OFFICE #2- EXEC. DIREC.OFFICE	CPT-1	WB-1	PT-1 / PT-3	PT-2 / ACT-1	
128	OFFICE #1	CPT-1	WB-1	PT-1/ PT-3	ACT-1	
129	EXIST. HIGH VOLTAGE POWER ROOM	PT-6	WB-1	PT-1	OTS / PT-2	
133C	EXIT. STAIR	PT-6	WB-1	PT-1	OTS / PT-2	
C100	CORRIDOR	EF-1	WB-1	PT-1	PT-2	
C118	CORRIDOR	CPT-1	WB-1	PT-1	PT-2	
SECOND FLOOR						
200	DINING AREA	EF-1	WB-1	PT-1 /PT-3/ PT-4 / WT-2	PT-2 / FLT-1	
200A	CORRIDOR	EF-1	WB-1	PT-1	PT-2	
200B	VESTIBULE	EF-1	WB-1	PT-1 / WT-1	PT-2	
201	NORTH ENTRY	CPT-2	WB-1 / WF-1	PT-1 / WT-1	PT-2	
202	ALL GENDER RESTROOM	TL-1	WB-1	WT-3	PT-2	
203	JC	PT-6	WB-1	WT-3A	PT-2	
204	ALL GENDER TOILET ROOM	TL-1	WTB-1	WT-3	PT-2	
205	KITCHEN & SERVERY	EF-1	WB-1	PT-1 /PT-3/ PT-4 / WT-1	PT-2 / ACT-1	
206	WARE WASH & POT WASH	EF-1	WB-1	PT-1	ACT-1	
207	BULK DRY STORAGE	EF-1	WB-1	PT-1	ACT-1	
209	RECEIVING ENTRY	EF-1	WB-1	PT-1 / P-EX	PT-2	
210	LOCKER ROOM	EF-1	WB-1	PT-1	ACT-1	
210A	ALL GENDER REST.	TL-1	WTB-1	WT-3	ACT-1	
211	OFFICE	EF-1	WB-1	PT-1	PT-2	
213	SODEXO DINING HALL MANAGER OFFICE #4	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
214	SODEXO MARKETING OFFICE #3	CPT-1	WB-1	PT-1 / PT-3	ACT-1	
220	ELECTRICAL CLOSET	PT-6	WB-1	PT-1	OTS / PT-2	
221	FOOD OIL STORAGE	PT-6	WB-1	PT-1	PT-2	
ST209	EXIT STAIR	PT-6	WB-1	PT-1	OTS / PT-2	
B.O. MECHANICAL MEZZANINE FLOOR						
ST309	STAIR	PT-6	WB-1	PT-1	OTS / PT-2	

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUADRINO 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

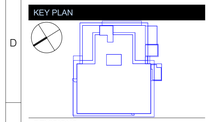
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	Revision 1	Date 1

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
INTERIOR FINISH SCHEDULES

SHEET NUMBER:
A-801

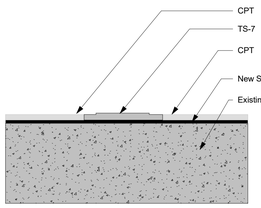
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

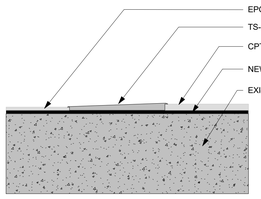
TRANSITION STRIPS	
TS-1	EF TO CPT
TS-2	EF TO TL
TS-3	EF TO MF
TS-4	CPT TO CPT

FLOOR FINISH LEGEND

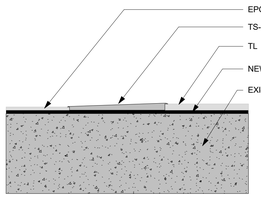
CPT-1 | TL-1 | PT-6 | CPT-2 | EF-1



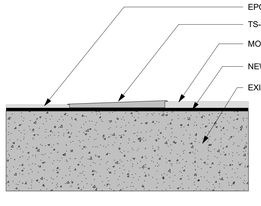
CPT TO CPT K13
3" = 1'-0"



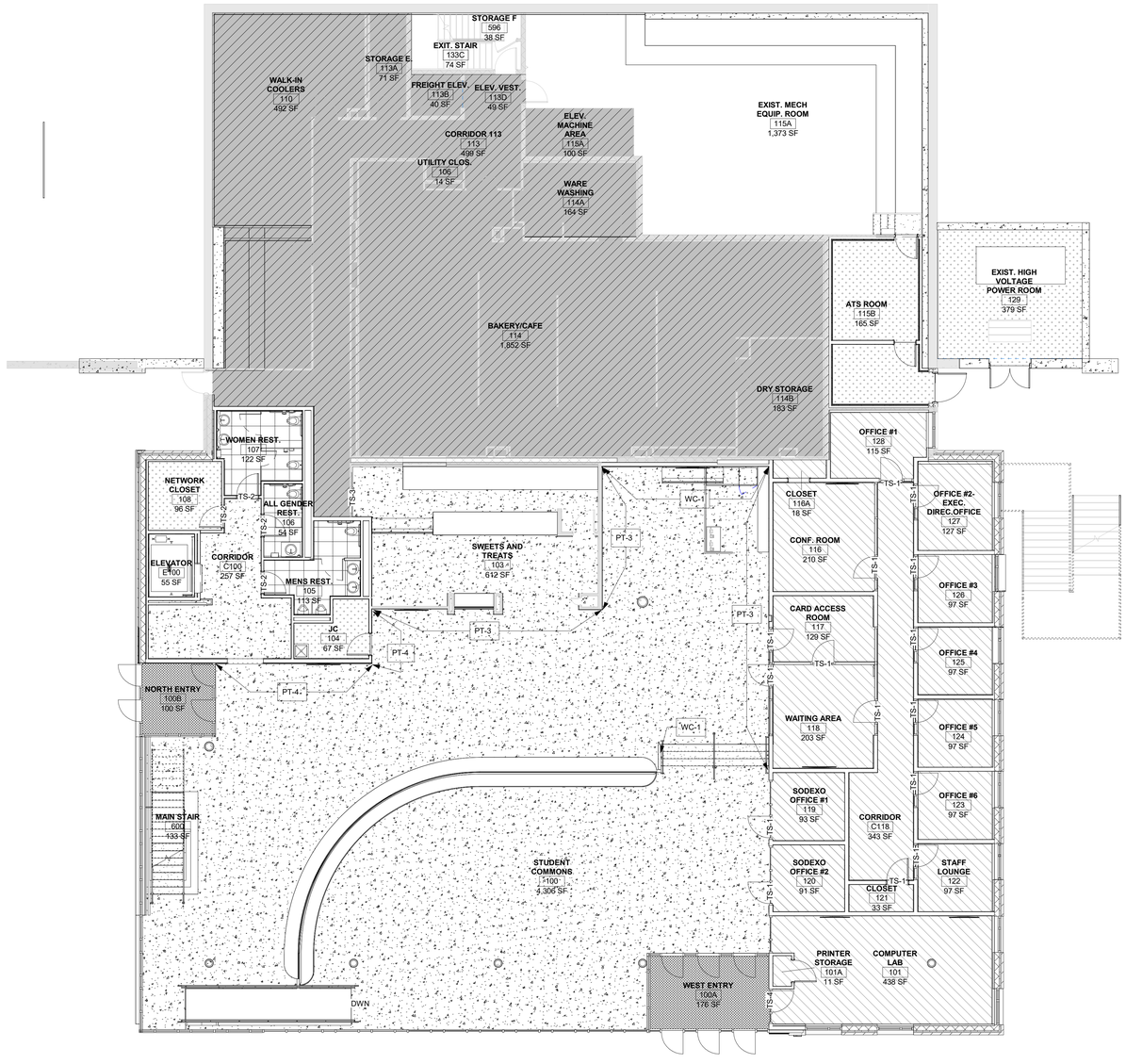
EPOXY TO CPT G13
3" = 1'-0"



EPOXY TO TL D13
3" = 1'-0"



EPOXY TO MONOLITHIC A13
3" = 1'-0"



OVERALL FIRST FLOOR FINISH PLAN A1
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIANA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

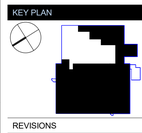
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRST FLOOR INTERIOR FINISH PLANS
SHEET NUMBER: A-811

BID SET

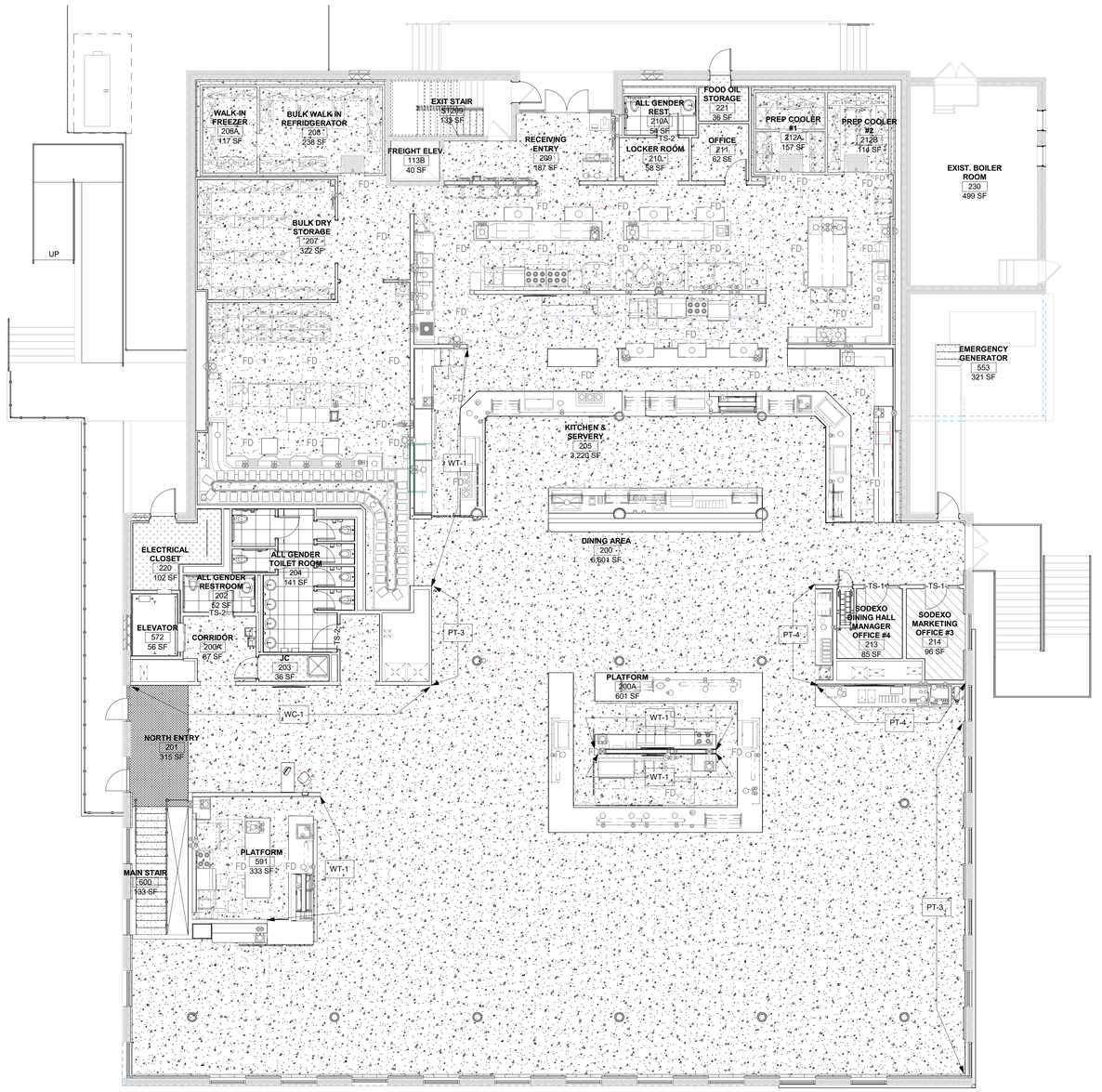
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TRANSITION STRIPS	
TS-1	EF TO CPT
TS-2	EF TO TL
TS-3	EF TO MF
TS-4	CPT TO CPT

FLOOR FINISH LEGEND

CPT-1 | TL-1 | PT-6

CPT-2 | EF-1



OVERALL SECOND FLOOR FINISH PLAN

1/8" = 1'-0"

A1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIATA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

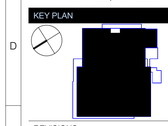
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
SECOND FLOOR
INTERIOR FINISH PLANS

SHEET NUMBER:

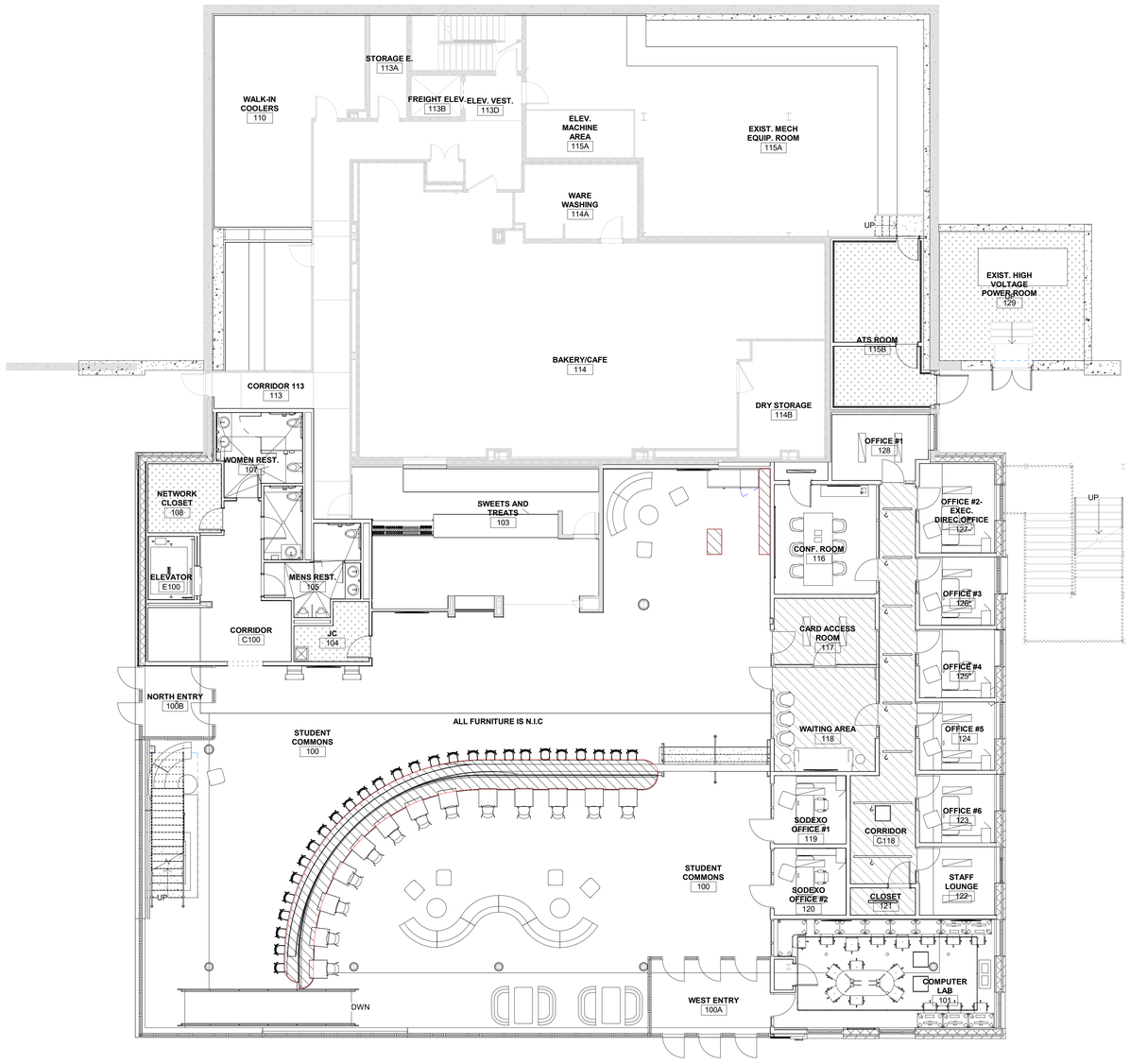
A-812

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ALL FURNITURE N.I.C
DIAGONAL HATCH DENOTES MILLWORK IN CONTRACT



OVERALL FIRST FLOOR FURNITURE PLAN (A1)
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 022313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

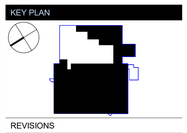
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

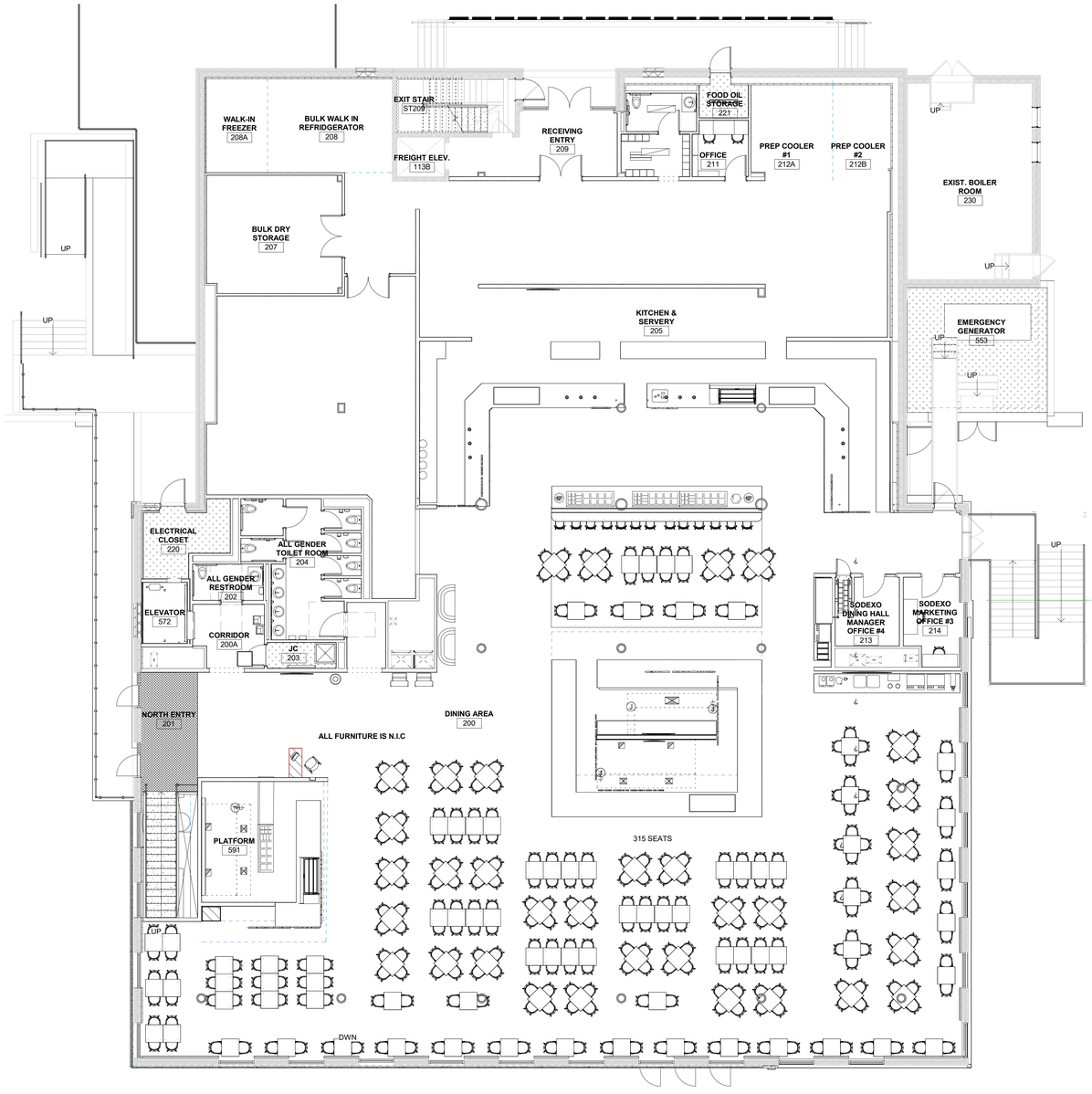
ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
FIRST FLOOR FURNITURE PLANS
SHEET NUMBER:
A-822

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ALL FURNITURE N.I.C
DIAGONAL HATCH DENOTES MILLWORK IN CONTRACT



OVERALL SECOND FLOOR FURNITURE PLAN (A1)
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 022313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

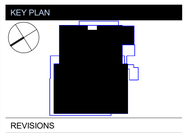
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
SECOND FLOOR FURNITURE PLANS
SHEET NUMBER:
A-823

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TOILET ACCESSORY SCHEDULE

TAG	PRODUCT	MANUFACTURER	PRODUCT NUMBER	FINISH	COMMENTS
TA-1	SURFACE MOUNTED MULTI-ROLL TISSUE DISPENSER	BOBRICK	B-4288	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-2	STRAIGHT GRAB BAR	BOBRICK	B-6806	BRUSHED STAINLESS STEEL	ADA TOILETS
TA-3	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-4	SURFACE MOUNTED SOAP DISPENSER	BOBRICK	B-2111	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5	TEMPERED GLASS WELDED-FRAME MIRROR	BOBRICK	B-2908	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5.1	TEMPERED GLASS WELDED-FRAMEFIXED POSITIONS TILT MIRROR, ADA	BOBRICK	B-293	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-6	XLERATOR HAND DRYER	EXCEL DRYER	XL-SB	BRUSHED STAINLESS STEEL	ALL TOILETS

WTB-3A

WTB-3B

WTB-3C

INTERIOR ELEV. LEGEND

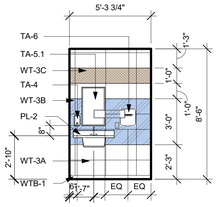
MT-1 — FLAT SCREEN DISPLAY

A — EXTERIOR WINDOW TAG

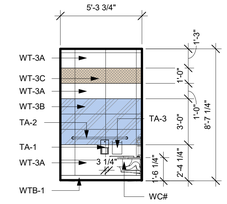
— INTERIOR STOREFRONT TAG

FINISH LEGEND

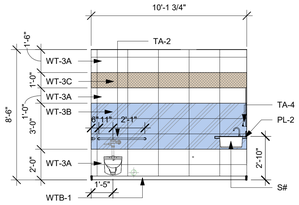
SYMBOL	MATERIAL TYPE	MANUFACTURER	PATTERN	COLOR	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA LAY-IN AND TEGULAR, 24" X 24"	1911 TEMP WHITE	
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	CERAMAGUARD FINE FISSURED LAY-IN AND TEGULAR, 24" X 24"	1911 TEMP WHITE	ALL FOODSERVICE AND RESTROOMS AREAS
CPT-1	CARPET TILE	INTERFACE	WE153, 9.85" X 39.37"	104448 MIDNIGHT	COMPUTER LAB
CPT-2	WALK OFF CARPET	INTERFACE	SR899,19.69" X 19.69"	IRON	ENTRY VESTIBULE
FLT-1	FELT BLADES	ARMSTRONG	FELTWORKS BLADES-BINCH-RECTANGULAR PANELS	CELESTIAL	STUDENT COMMONS / DINING AREA
FLT-2	FELT BLADES	ARMSTRONG	FELTWORKS BLADES- EBBS &FLOWS	WHISPER	STUDENT COMMONS
EF-1	EPOXY FLOORING	DURAFLEX	REFLEXIONS DESIGNER FLOOR SYSTEMS	TITANIUM W/ NIMBUS ACCENTS, ARMOR TOP COAT	OVERALL FLOORING
PL-1	PLASTIC LAMINATE	WILSONART	LAMINART PANELS	CLASSIC MAPLE, VELVA-TEX-VT 3062	MILLWORK, STATION FRONT PANELS
PT-1	PAINT	BENJAMIN MOORE	SATIN	OC-17 WHITE DOVE	FIELD PAINT - WALLS
PT-2	PAINT	BENJAMIN MOORE	EGGSHELL	OC-117 SIMPLY WHITE	FIELD PAINT - CEILINGS
PT-3	PAINT	BENJAMIN MOORE	SATIN	2066-10 BLUE	ACCENT PAINT
PT-4	PAINT	BENJAMIN MOORE	SATIN	2015-10 ELECTRIC ORANGE	ACCENT PAINT
PT-5	PAINT	EPOXY PAINT	SATIN	OC-17 WHITE DOVE	EXPOSED INTERIOR COLUMNS
PT-6	PAINT	EPOXY PAINT	SATIN	HC-179 PLATINUM GRAY	FIELD PAINT - FLOORS
SS-1	SOLID SURFACE - QUARTZ	CAESARSTONE	2CM	CALACATTA NUVO	SERVERY COUNTERTOP
SS-2	SOLID SURFACE - QUARTZ	CAESARSTONE	3CM	PURE WHITE	SEAT WALL COUNTERTOP
SS-3	SOLID SURFACE - QUARTZ	CAESARSTONE	3CM	FROSTY CARRINA	BATHROOM COUNTERTOP
TL-1	PORCELAIN TILE	TILEBAR	FORDHAM, 24" X 24"	NERO	BATHROOM FLOOR TILE
WT-1	PORCELAIN TILE	TILEBAR	COLORPLAY, 4.5" X 18"	NAUTICAL BLUE	SERVERY WALL TILE
WT-2	PORCELAIN TILE	TILEBAR	HEXART, 8" HEXAGON	ORANGE	SECOND FLOOR DINING ENTRY ACCENT WALL
WT-3A	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	SONIC WHITE VL75	RESTROOM WALL TILE
WT-3B	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	NAVAL VL67	RESTROOM WALL TILE
WT-3C	PORCELAIN TILE	DALTILE	VOLUME 1.0, 12" X 24"	CLAY VL65	RESTROOM WALL TILE
TXT-1	TEXTILE	ARCHITEX	BEN DAY	PROCESS	SEAT CUSHION FABRIC - SEAT WALL
TXT-2	TEXTILE	DESIGNTEX	TRAVELER	OCEANSIDE	BACK CUSHION FABRIC - SEAT WALL
WB-1	RUBBER WALL BASE	TARKETT	WALL BASE 4"	TITANIUM	OVERALL WALL BASE
WTB-1	WALL TILE BASE	TILEBAR	FORDHA BULLNOSE, 3" X 24"	NERO	RESTROOM WALL BASE
WC-1	WALL COVERING	MARLITE	ARTIZAN DIGITALLY PRINTED FRP	2062 - SKY SAWN OAK	WOOD WALL PANELS
WF-1	WINDOW FILM	JOHNSON WINDOW FILM	SPECIALTY SERIES	WHITE OUT, SUNY NEW PALTZ ICON	GLAZING, REFER TO CAMPUS FOR VECTOR FILES



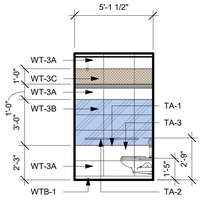
LEVEL 1 ALL GENDER RR SOUTH K12
1/4" = 1'-0"



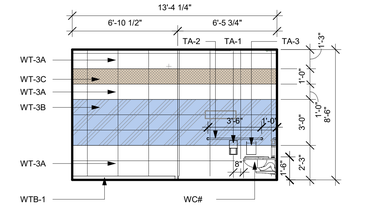
LEVEL 1 ALL GENDER RR NORTH K9
1/4" = 1'-0"



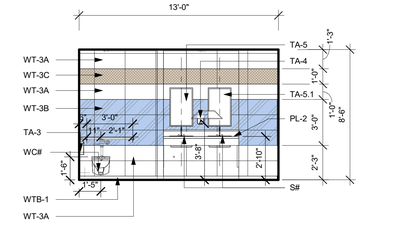
LEVEL 1 ALL GENDER RR EAST G12
1/4" = 1'-0"



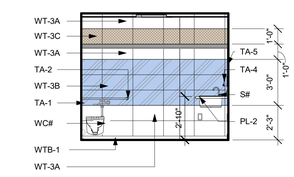
SINGLE ALL GENDER STALL WEST G9
1/4" = 1'-0"



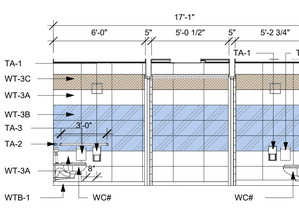
MEN'S RESTROOM NORTH G5
1/4" = 1'-0"



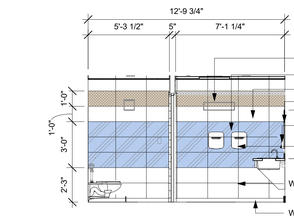
MEN'S RESTROOM EAST G1
1/4" = 1'-0"



LEVEL 1 ALL GENDER RR NORTH K9
1/4" = 1'-0"

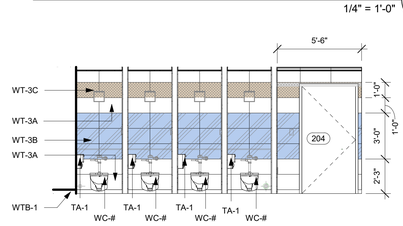


LEVEL 2 ALL GENDER RR NORTH C12
1/4" = 1'-0"

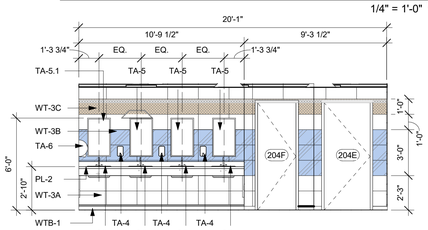


LEVEL 2 ALL GENDER RR SOUTH A12
1/4" = 1'-0"

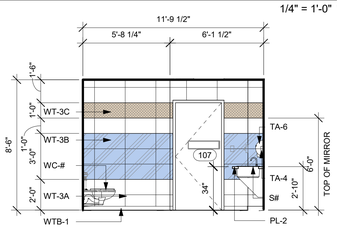
SINGLE ALL GENDER STALL NORTH E12
1/4" = 1'-0"



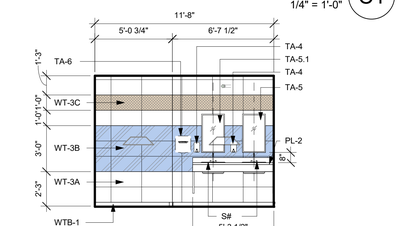
SINGLE ALL GENDER STALL EAST E9
1/4" = 1'-0"



LEVEL 2 ALL GENDER RR EAST C9
1/4" = 1'-0"



WOMEN'S RESTROOM NORTH - RM 107 C5
1/4" = 1'-0"



WOMEN'S RESTROOM EAST - RM 107 C1
1/4" = 1'-0"

LEVEL 2 ALL GENDER RR SOUTH A12
1/4" = 1'-0"

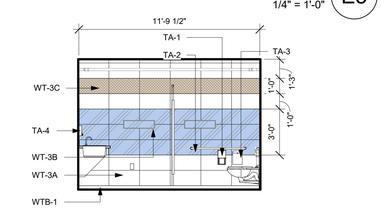
SINGLE ALL GENDER STALL WEST G9
1/4" = 1'-0"

MEN'S RESTROOM NORTH G5
1/4" = 1'-0"

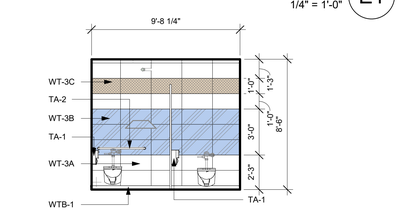
MEN'S RESTROOM EAST G1
1/4" = 1'-0"

LEVEL 2 ALL GENDER RR NORTH C12
1/4" = 1'-0"

SINGLE ALL GENDER STALL EAST E9
1/4" = 1'-0"



MEN'S RESTROOM SOUTH E5
1/4" = 1'-0"



MEN'S RESTROOM WEST E1
1/4" = 1'-0"

LEVEL 2 ALL GENDER RR SOUTH A12
1/4" = 1'-0"

LEVEL 2 ALL GENDER RR EAST C9
1/4" = 1'-0"

WOMEN'S RESTROOM NORTH - RM 107 C5
1/4" = 1'-0"

WOMEN'S RESTROOM WEST - RM 107 C1
1/4" = 1'-0"

LEVEL 2 ALL GENDER RR SOUTH A12
1/4" = 1'-0"

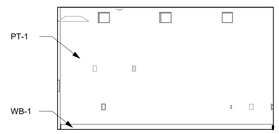
SINGLE ALL GENDER STALL WEST G9
1/4" = 1'-0"

MEN'S RESTROOM NORTH G5
1/4" = 1'-0"

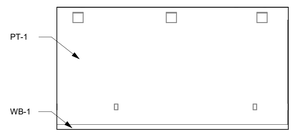
MEN'S RESTROOM EAST G

INTERIOR ELEV. LEGEND

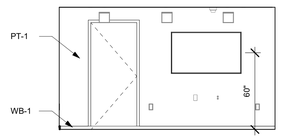
MT-1	FLAT SCREEN DISPLAY
A	EXTERIOR WINDOW TAG
#	INTERIOR STOREFRONT TAG



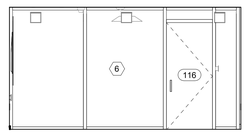
116 CONFERENCE ROOM SOUTH M15
1/4" = 1'-0"



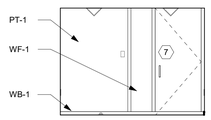
116 CONFERENCE ROOM WEST M11
1/4" = 1'-0"



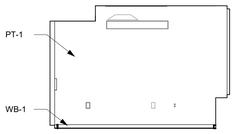
116 CONFERENCE ROOM NORTH M7
1/4" = 1'-0"



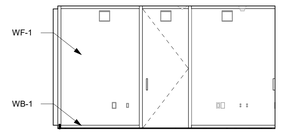
116 CONFERENCE ROOM EAST M1
1/4" = 1'-0"



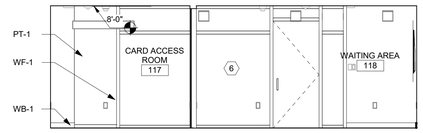
122 STAFF LOUNGE WEST K15
1/4" = 1'-0"



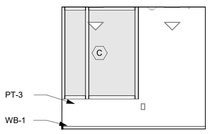
122 STAFF LOUNGE NORTH K11
1/4" = 1'-0"



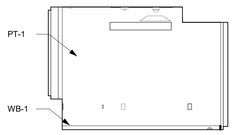
118 WAITING ROOM NORTH K7
1/4" = 1'-0"



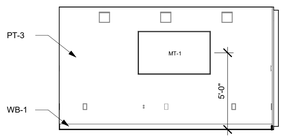
118 WAITING-117 CARD ACCESS EAST K1
1/4" = 1'-0"



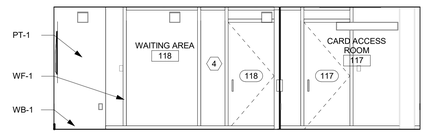
122 STAFF LOUNGE EAST G15
1/4" = 1'-0"



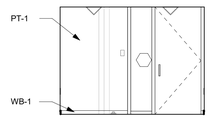
122 STAFF LOUNGE SOUTH G11
1/4" = 1'-0"



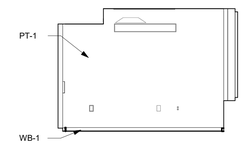
118 WATING ROOM SOUTH G7
1/4" = 1'-0"



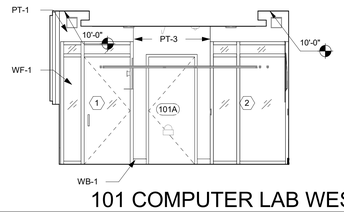
118 WAITING-117 CARD ACCESS WEST G1
1/4" = 1'-0"



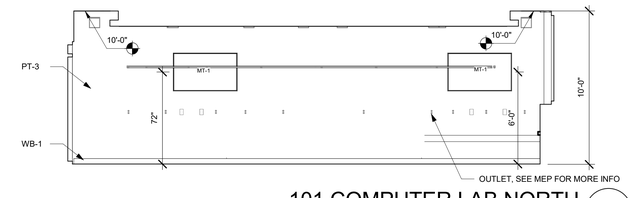
124 OFFICE WEST D15
1/4" = 1'-0"



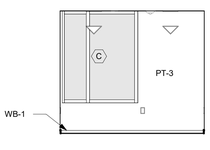
OFFICE NORTH D11
1/4" = 1'-0"



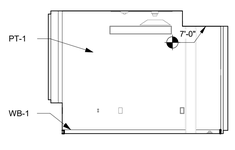
101 COMPUTER LAB WEST D7
1/4" = 1'-0"



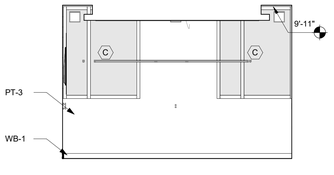
101 COMPUTER LAB NORTH D1
1/4" = 1'-0"



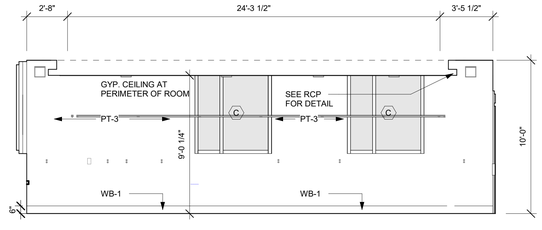
124 OFFICE EAST A15
1/4" = 1'-0"



124 OFFICE SOUTH A11
1/4" = 1'-0"



101 COMPUTER LAB EAST A7
1/4" = 1'-0"



101 COMPUTER LAB SOUTH A1
1/4" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIMBY 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

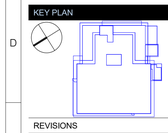
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



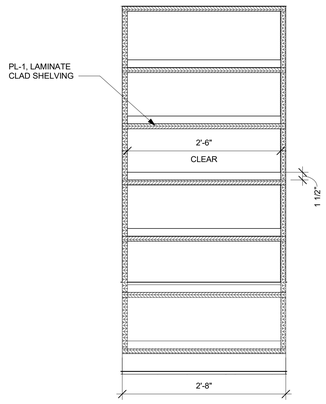
REVISIONS

No.	Description	Date

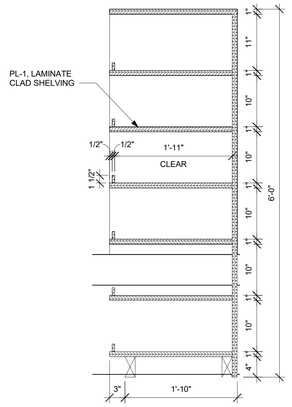
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME:
ENLARGED INTERIOR ELEVATIONS - FIRST FLOOR
SHEET NUMBER:
A-832

BID SET

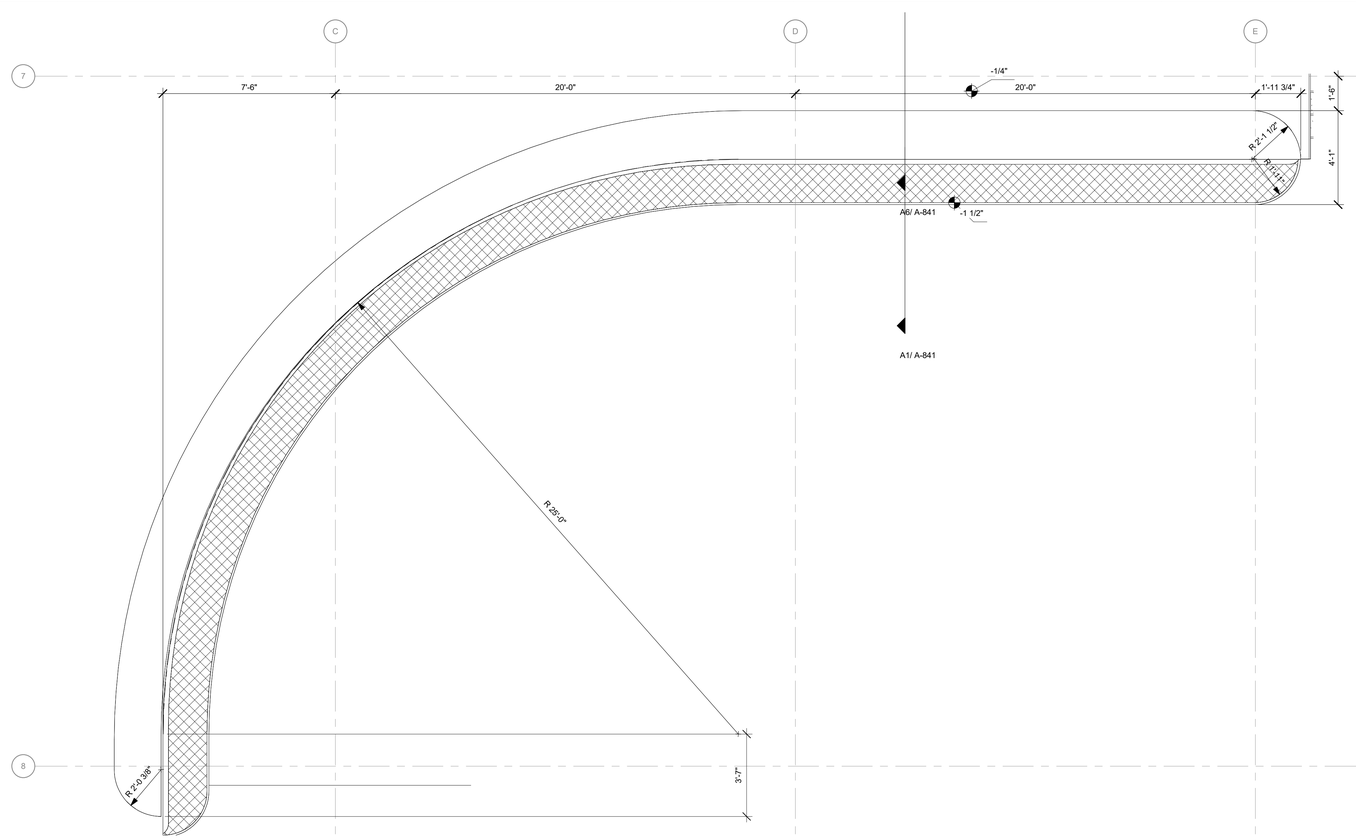
PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



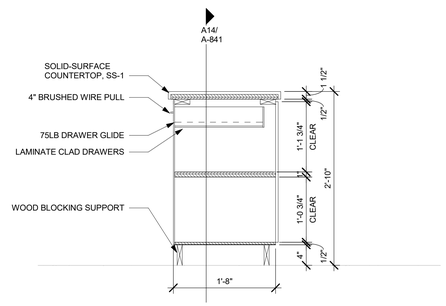
GRAB AND GO SHELF ELEVATION J16
1" = 1'-0"



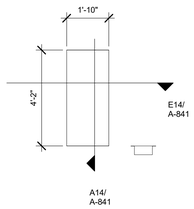
GRAB AND GO SHELF SECTION J13
1" = 1'-0"



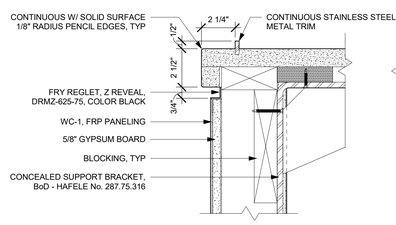
COMMONS SEATING - ENLARGED G1
3/8" = 1'-0"



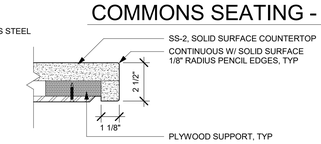
SECOND FLOOR DESK 2 E14
1" = 1'-0"



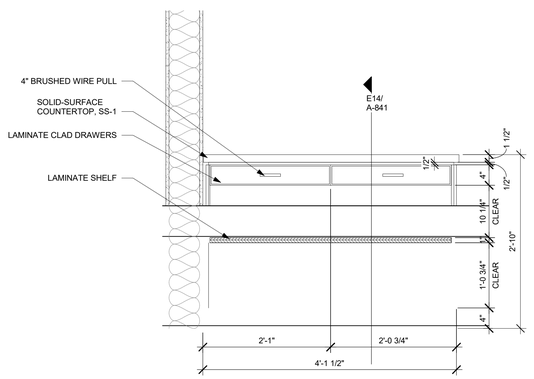
CHECK IN DESK - ENLARGED E9
3/8" = 1'-0"



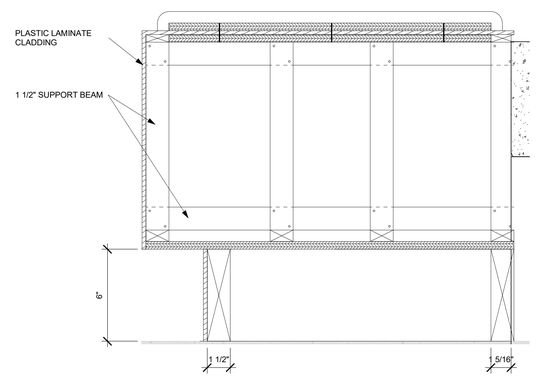
COUNTER @ STEM WALL E5
3" = 1'-0"



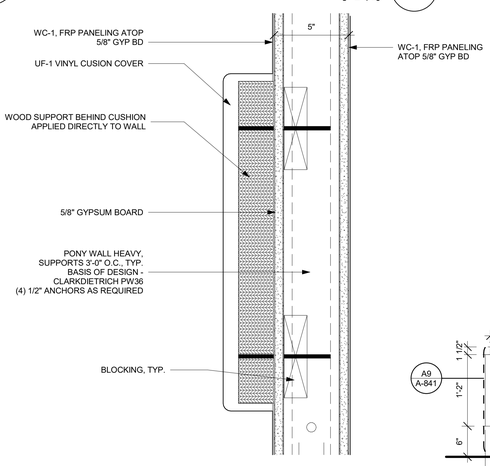
TYP COUNTER EDGE E1
3" = 1'-0"



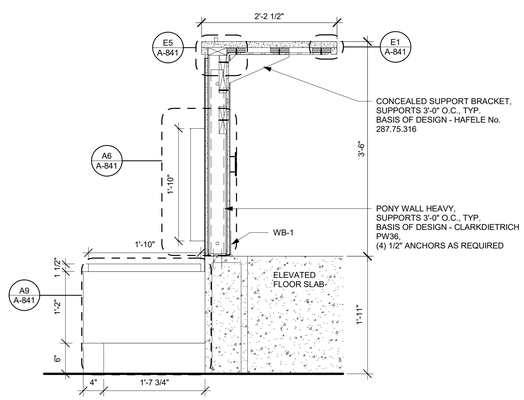
SECOND FLOOR DESK A14
1" = 1'-0"



COMMONS SEATING BASE DETAIL A9
3" = 1'-0"



COMMONS SEATING CUSHION DETAIL A6
3" = 1'-0"



COMMONS SEATING A1
1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJANO 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

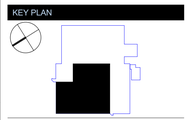
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
MILLWORK & CASEWORK SECTIONS

SHEET NUMBER:
A-841

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

CONTRACTOR SHALL PROVIDE MINIMUM CODE REQUIRED SIGNAGE.
SIGNAGE SHOWN BELOW ARE EXAMPLES OF REQUIRED SIGNAGE. FINAL DESIGN AND TEXT SHALL CONFORM TO CAMPUS STANDARDS (SEE SPEC 10 14 00) AND ARE SUBJECT TO REVIEW DURING THE CONSTRUCTION PROCESS.

Table 703.2.4—Visual Character Height

Height above Floor to Baseline of Character	Horizontal Viewing Distance	Minimum Character Height
40 inches (1015 mm) to less than or equal to 70 inches (1780 mm)	Less than 6 feet (1830 mm)	5/8 inch (16 mm)
	6 feet (1830 mm) and greater	5/8 inch (16 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 6 feet (1830 mm)
Greater than 70 inches (1780 mm) to less than or equal to 120 inches (3050 mm)	Less than 15 feet (4570 mm)	2 inches (51 mm)
	15 feet (4570 mm) and greater	2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 15 feet (4570 mm)
Greater than 120 inches (3050 mm)	Less than 21 feet (6400 mm)	3 inches (75 mm)
	21 feet (6400 mm) and greater	3 inches (76 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6400 mm)

Table 703.4.3— Braille Dimensions

Measurement range	Minimum in inches Maximum in inches
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell	0.090 (2.3 mm) to 0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells[1]	0.241 (6.1 mm) to 0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below	0.395 (10.0 mm) to 0.400 (10.2 mm)

[1]Measured center to center

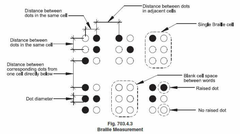
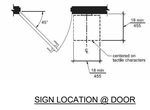
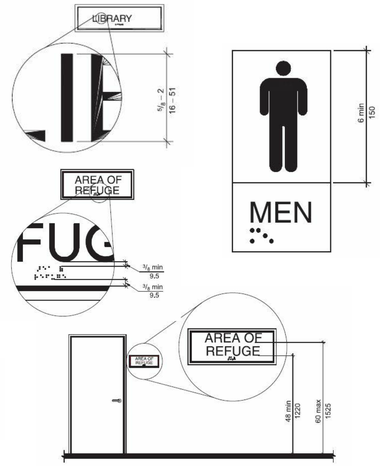


Fig. 703.4.3
Braille Measurement



SIGN LOCATION @ DOOR



INTERNATIONAL SYMBOL OF ACCESSIBILITY

INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS

VOLUME CONTROLLED TELEPHONE

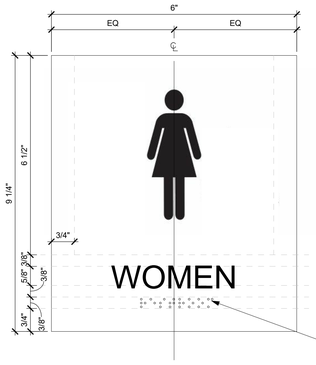
INTERNATIONAL TTY SYMBOL

SIGN LOCATION AND REQUIREMENTS
N.T.S. K1



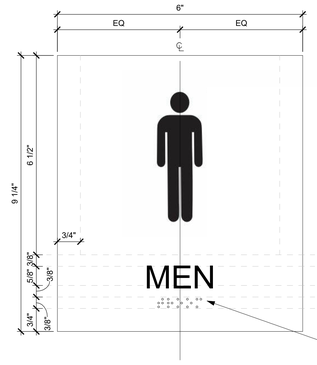
ALL GENDER RESTROOM SIGN
8.5"x 9.25"

SIGN TYPE U
6" = 1'-0" U



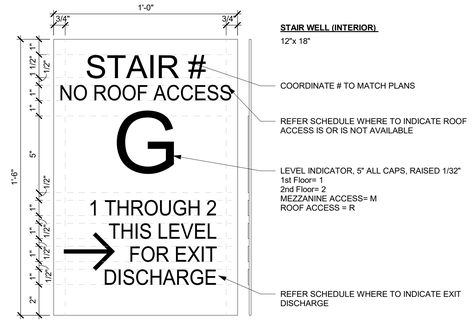
WOMEN RESTROOM SIGN
6"x 9.25"

SIGN TYPE W
6" = 1'-0" W



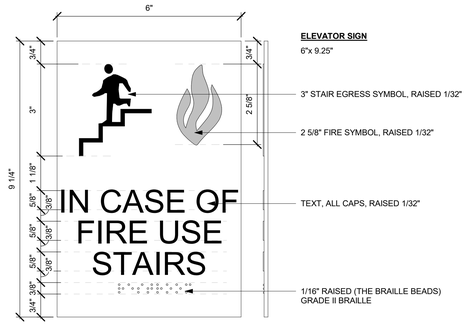
MEN RESTROOM SIGN
6"x 9.25"

SIGN TYPE M
6" = 1'-0" M



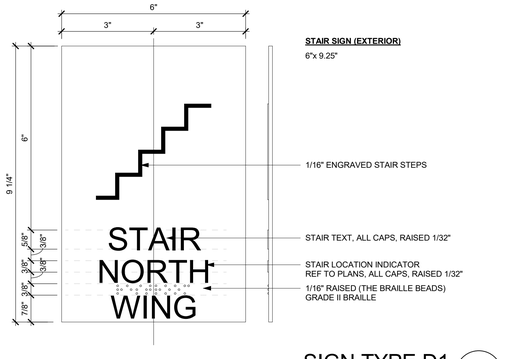
STAIR WELL (INTERIOR)
12"x 18"

SIGN TYPE E
3" = 1'-0" E



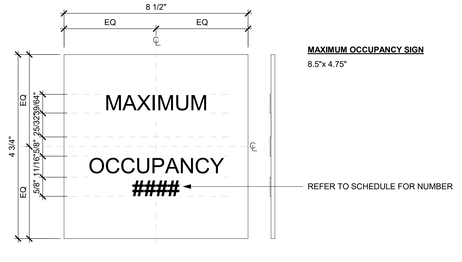
ELEVATOR SIGN
6"x 9.25"

SIGN TYPE D2
6" = 1'-0" D2



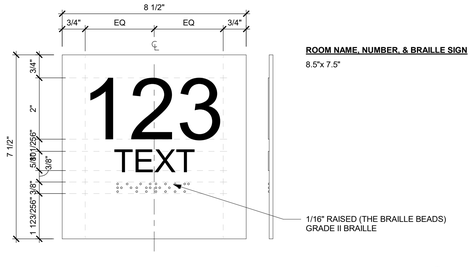
STAIR SIGN (EXTERIOR)
6"x 9.25"

SIGN TYPE D1
6" = 1'-0" D1



MAXIMUM OCCUPANCY SIGN
8.5"x 4.75"

SIGN TYPE C
6" = 1'-0" C



ROOM NAME, NUMBER, & BRAILLE SIGN
8.5"x 7.5"

SIGN TYPE B
6" = 1'-0" B

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

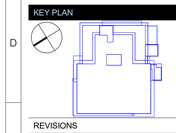
REGISTERED ARCHITECT ANAGNOSSAMUEL QUAGLIATA 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME:
SIGNAGE DETAILS

SHEET NUMBER:
A-852

BID SET

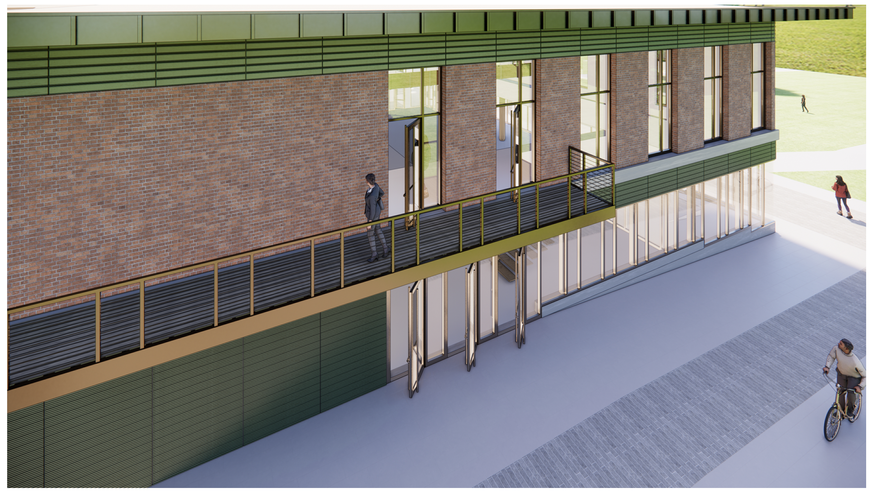
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTE: RENDERINGS ARE FOR REFERENCE ONLY











ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIMBAYA 023113 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

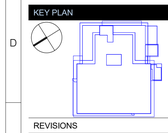
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
EXTERIOR RENDERINGS

SHEET NUMBER:
A-900

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTE: RENDERINGS ARE FOR REFERENCE ONLY













FIRST FLOOR STUDY LOUNGE VIEWS

SECOND FLOOR SERVERY & DINING HALL VIEWS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMAND SAMUEL QUADRINI
022313
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

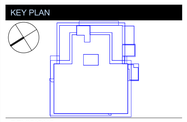
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE:
SHEET NAME: INTERIOR RENDERINGS
SHEET NUMBER: A-901

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTE: RENDERINGS ARE FOR REFERENCE ONLY









SECOND FLOOR ENTRY & FIRST FLOOR COMPUTER LAB VIEWS



FIRST FLOOR WAITING ROOM & STAFF OFFICE VIEWS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO SANTIAGO JR. ZAMBRANO — 022313 — STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081058-00

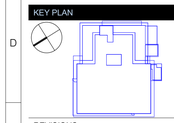
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
INTERIOR RENDERINGS

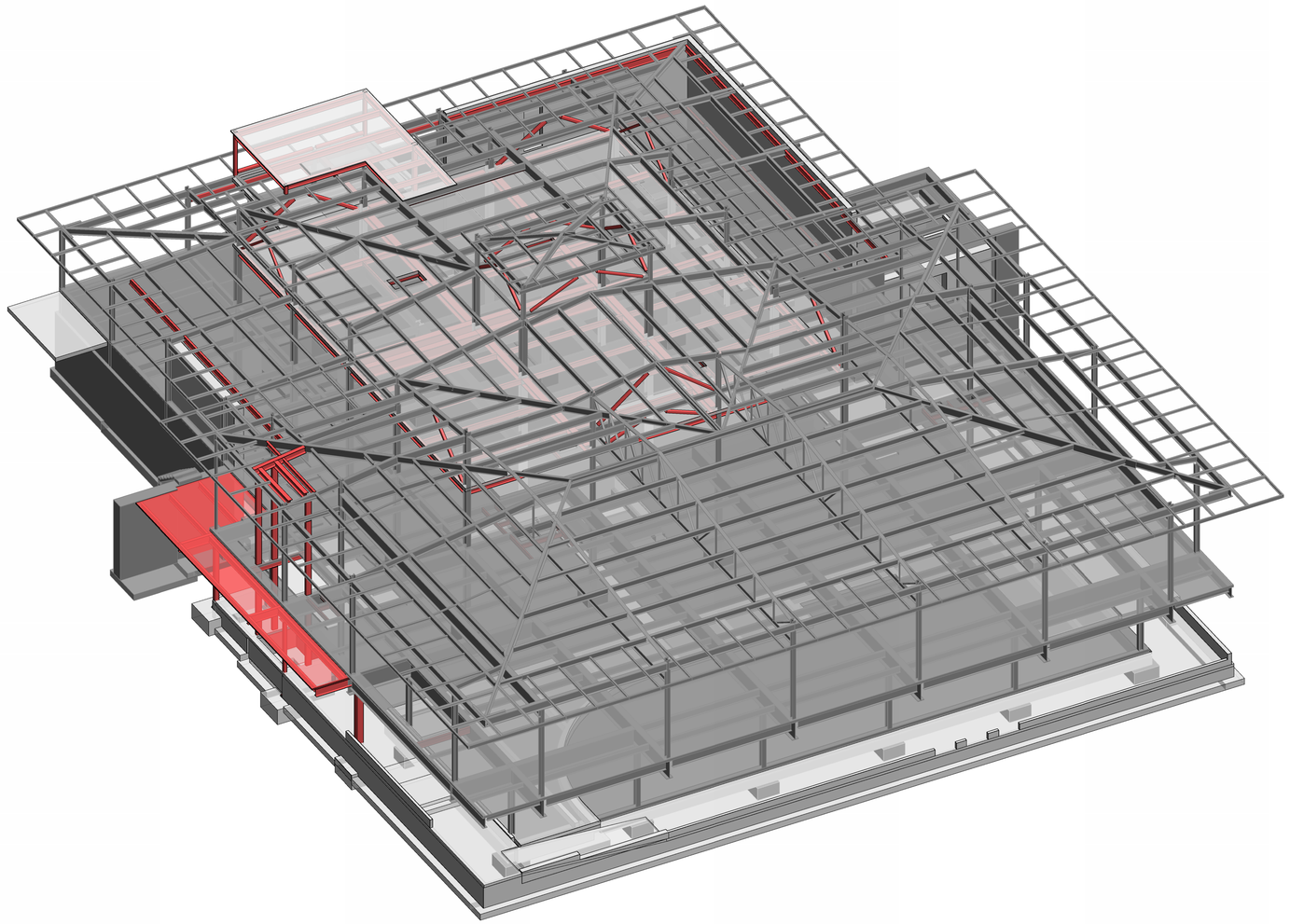
SHEET NUMBER:
A-902

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

STRUCTURAL DRAWING LIST

SHEET NO	NAME
S-000	COVER SHEET
S-010	STRUCTURAL DESIGN CRITERIA
S-011	STRUCTURAL DESIGN CRITERIA
S-001	STRUCTURAL NOTES
S-002	STRUCTURAL NOTES
S-012	STRUCTURAL DESIGN CRITERIA
SD-101	LEVEL 1 DEMOLITION PLAN
SD-102	LEVEL 2 DEMOLITION PLAN
SD-103	MECHANICAL PENTHOUSE DEMOLITION PLAN
SD-104	ROOF DEMOLITION PLAN
SD-200	BUILDING SECTION - DEMOLITION
S-101	LEVEL 1 FLOOR PLAN
S-102	LEVEL 2 FRAMING PLAN
S-104	ROOF FRAMING PLAN
S-103	MECHANICAL PENTHOUSE FRAMING PLAN
S-130	BUILT UP SLAB PLAN AND DETAILS
S-200	BUILDING SECTIONS
S-201	BRACE ELEVATIONS
S-202	SLAB EDGE PERIMETER ELEVATIONS
S-203	SHEAR WALL ELEVATIONS
S-300	SHEAR WALL REINFORCEMENT PLAN
S-400	FOUNDATION TYPICAL DETAILS
S-401	BEARING SLAB ON GROUND TYPICAL DETAILS
S-402	BEARING SLAB ON GROUND TYPICAL DETAILS
S-403	WALL TYPICAL DETAILS
S-404	CURB TYPICAL DETAILS
S-405	WELDS TYPICAL DETAILS
S-406	BASE PLATE SCHEDULE AND TYPICAL DETAILS
S-407	STEEL COLUMN SCHEDULE
S-408	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
S-409	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
S-410	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
S-411	BRACING TYPICAL DETAILS
S-412	SLAB/STEEL DECK TYPICAL DETAILS
S-413	SLAB/STEEL DECK TYPICAL DETAILS
S-414	DECK SUPPORT & STUD SHEAR CONNECTIORS TYP DETAILS
S-415	REINFORCED CMU WALL TYPICAL DETAILS
S-416	REINFORCED CMU WALL TYPICAL DETAILS
S-500	SECTIONS AND DETAILS
S-501	SECTIONS AND DETAILS
S-502	SECTIONS AND DETAILS
S-503	SECTIONS AND DETAILS
S-504	SECTIONS AND DETAILS



ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · No. 072500 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

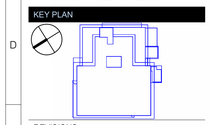
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE:

SHEET NAME:
COVER SHEET

SHEET NUMBER:
S-000

BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PART I. SPECIAL INSPECTION

A. SPECIAL INSPECTIONS SHALL BE PERFORMED PER THE APPLICABLE SECTIONS OF THE BUILDING CODE FOR ALL REQUIRED STRUCTURAL ITEMS.

PART II. GENERAL

A. CODES AND STANDARDS

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE, HEREINAFTER REFERRED TO AS BUILDING CODE, MOST RECENT EDITION, AND WITH THE REGULATIONS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.

2. CONTRACTOR SHALL KEEP AT LEAST ONE FULL COPY OF THE FOLLOWING DOCUMENTS IN THE FIELD OFFICE AT ALL TIMES:

   1. *BUILDING CODE.*

   2. FIELD REFERENCE MANUAL: STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-20, WITH SELECTED ACI AND ASTM REFERENCES, ACI FIELD REFERENCE MANUAL, MNL-15 (20).

   3. AISC MANUAL OF STEEL CONSTRUCTION - LOAD & RESISTANCE FACTOR DESIGN, AISC 360-20.

3. WHERE MORE STRINGENT, THE FOLLOWING CODES, STANDARDS AND SPECIFICATIONS, LATEST EDITION AND REVISION, SHALL APPLY TO THE WORK, ALL AS MODIFIED HEREIN OR BY BUILDING CODE:

   A) ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, BY THE AMERICAN CONCRETE INSTITUTE.

   B) ACI 301 SPECIFICATION FOR STRUCTURAL CONCRETE , BY THE AMERICAN CONCRETE INSTITUTE.

   C) ACI 315 DETAILS AND DETAILING OF CONCRETE REINFORCEMENT , BY THE AMERICAN CONCRETE INSTITUTE.

   D) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 360), BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

   E) CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC CODE). SECTIONS 6, 7, 8 AND 10, ONLY, SHALL APPLY TO THE WORK, EXCEPT AS MODIFIED IN THIS SPECIFICATION; THE REMAINDER BEING SPECIFICALLY EXCLUDED.

   F) STRUCTURAL WELDING CODE - STEEL , ANSI/AWS D1.1 (AWS D1.1).

   G) SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, APPROVED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS OF THE ENGINEERING FOUNDATION, ENDORSED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AND THE INDUSTRIAL FASTENERS INSTITUTE.

   L) STANDARD SYMBOLS FOR WELDING, BRAZING, AND NONDESTRUCTIVE EXAMINATION , ANSI/AWS A2.4 (AWS A2.4).

4. STRUCTURAL DESIGN CRITERIA IS FOR GENERAL INFORMATION ONLY AND IS PROVIDED FOR OWNER'S USE.

B. REFERENCE DOCUMENTS

1. THE GEOTECHNICAL REPORT TITLED GEOTECHNICAL EVALUATION SUNY NEW PALTZ - PEREGINE DINING HALL PROPOSED BUILDING RENOVATION TOWN OF NEW PALTZ, ULSTER COUNTY, NEW YORK, DATED FEBRUARY 26, 2024, AND PREPARED BY TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C., PROVIDED THE CRITERIA FOR THE FOUNDATION DESIGN.

2. EXISTING DRAWINGS DATED JANUARY 20, 1966

C. GENERAL REQUIREMENTS

1. IT IS INTENDED THAT ALL MEMBERS BE FABRICATED AND ERECTED FREE OF SHOP AND FIELD SPLICES WHICH ARE NOT SPECIFICALLY SHOWN IN THE CONTRACT DRAWINGS. IF FIELD CONDITIONS NECESSITATE FIELD SPLICING OF MEMBERS, SUBMIT SPLICE LOCATIONS FOR STRUCTURAL ENGINEER'S ACCEPTANCE.
   WHERE FIELD SPLICING IS ACCEPTED, SPLICES SHALL BE SHOWN IN THE SHOP DRAWINGS OR IN FIELD WORK DRAWINGS.

2. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CORRECTNESS OF DIMENSIONS AND QUANTITIES AND FOR THE FITTING TO OTHER WORK; FOR WORK TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION PERTAINING TO THE FABRICATION PROCEDURE OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION; AND FOR THE COORDINATION OF THE WORK OF THIS SECTION WITH THE WORK OF ALL OTHER TRADES. THE ARCHITECT'S AND STRUCTURAL ENGINEER'S REVIEW OF CONTRACTOR'S SUBMISSIONS DOES NOT RELIEVE CONTRACTOR FROM THESE RESPONSIBILITIES.

3. FIELD MEASUREMENTS: OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK. SUBMIT, PRIOR TO INSTALLATION, ALL MEASUREMENTS INDICATING DISCREPANCIES FROM THE DRAWINGS. DESCRIBE IN WRITING AND, WHERE APPLICABLE, BY SKETCHES THE PROPOSED METHODS FOR CORRECTING DISCREPANCIES.

4. LAY OUT EACH PART OF THE WORK IN STRICT ACCORDANCE WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND ALL OTHER DRAWINGS AND BE RESPONSIBLE FOR CORRECT LOCATION OF SAME.

5. HOLES SHALL NOT BE CUT OR DRILLED INTO EXISTING OR NEW STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.

D. CONSTRUCTION SEQUENCE: DESCRIPTIONS OF LIMITATIONS ON CONSTRUCTION SEQUENCE ARE INTENDED TO ASSIST CONTRACTOR IN COORDINATING THE WORK OF THE PROJECT. DESCRIPTIONS DO NOT DESCRIBE FULLY THE LIMITATIONS GIVEN, DO NOT DESCRIBE ALL LIMITATIONS, NOR DO THEY PRECLUDE CONSTRUCTION SEQUENCES NOT CONTEMPLATED HEREIN. WHETHER OR NOT CONTRACTOR FOLLOWS THE LIMITATIONS ON CONSTRUCTION SEQUENCE DESCRIBED HEREIN AND UNTIL SUCH TIME AS THE STRUCTURAL WORK IS COMPLETED, CONTRACTOR REMAINS FULLY RESPONSIBLE FOR BOTH THE STABILITY AND THE SAFETY OF THE WORK; ADHERENCE TO THE LIMITATIONS DESCRIBED HEREIN DOES NOT RELIEVE CONTRACTOR FROM THAT RESPONSIBILITY.

E. EXISTING STRUCTURES

1. DIMENSIONS AND DETAILS SHOWN IN STRUCTURAL DRAWINGS ARE TAKEN FROM THE ORIGINAL DESIGN DOCUMENTS AND MAY NOT ACCURATELY REPRESENT CURRENT EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY INSPECTION AND MEASUREMENT AT THE SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.

2. EXISTING STRUCTURE TO REMAIN SHALL BE PROTECTED AND INSPECTED FOR DAMAGE AND REPAIRED TO ORIGINAL CONDITION. REPAIRED APPEARANCE SHALL BE THE CONDITION ACCEPTABLE TO ARCHITECT AND STRUCTURAL ENGINEER.

3. FIREPROOFING: SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. UNLESS OTHERWISE SHOWN OR NOTED IN THE DRAWINGS, APPLY SPRAYED FIREPROOFING TO ALL ADDED STEEL, TO ALL EXISTING STEEL WHERE EXISTING FIREPROOFING IS DAMAGED OR REMOVED IN THE EXECUTION OF THIS WORK, AND AS DIRECTED BY THE ARCHITECT. SPRAYED FIREPROOFING SHALL BE Ψ APPLIED TO ACHIEVE A MINIMUM 2-HOUR FIRE-RATING, UNLESS OTHERWISE NOTED.

F. SHORING AND DEMOLITION

1. PROVIDE AND PLACE BRACING AND SHORING AS NEEDED. SUPPORT STRUCTURE TO REMAIN AS NECESSARY TO PREVENT DAMAGE OR UNACCEPTABLE DEFLECTION. KEEP ALL BRACING AND SHORING IN PLACE DURING NEW STRUCTURAL STEEL AND CONCRETE CONSTRUCTION AND UNTIL NEW CONCRETE ACHIEVES 80 PERCENT OF DESIGN STRENGTH.

   WHERE EXISTING STRUCTURE NEED BE WELDED TO, SHORE STRUCTURE PRIOR TO WELDING FOR THE FULL LOAD PRESENT AT THE TIME OF WELDING.

   BRACING AND SHORING, INCLUDING FOUNDATIONS AND CONNECTIONS TO EXISTING STRUCTURE WITH STIFFENER PLATES AS MAY BE REQUIRED, SHALL BE DESIGNED BY CONTRACTOR'S PROFESSIONAL ENGINEER LICENSED IN THE PROJECT'S JURISDICTION. PROCEDURES, DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY CONTRACTOR'S ENGINEER AND SUBMITTED FOR REVIEW AND APPROVAL.

2. REMOVE ALL DEMOLISHED MATERIAL PROMPTLY FROM THE SITE.

3. ERECT AND MAINTAIN DUSTPROOF BARRIERS TO PREVENT SPREAD OF DUST OR FUMES. PROVIDE MEANS FOR EFFECTIVE DUST CONTROL. REMOVE BARRIERS UPON COMPLETION.

4. SAWCUT AND REMOVE CONCRETE TO TRUE SMOOTH LINES TO THE EXTENT SHOWN IN THE DRAWINGS AFTER INSTALLATION OF ALL ADDED BEAMS AND REINFORCEMENTS, WITHOUT DAMAGE TO EXISTING REINFORCING STEEL DESIGNATED TO REMAIN. JOINTS BETWEEN EXISTING CONCRETE AND NEW CONCRETE SLAB CONSTRUCTION SHALL BE LEFT CLEAN, ROUGH, AND ESSENTIALLY VERTICAL.

5. CAST NEW CONCRETE AS REQUIRED TO REPAIR CONCRETE SLABS, BEAM AND COLUMN ENCASEMENTS, AND THE LIKE THAT WERE DAMAGED OR REMOVED IN THE EXECUTION OF THIS CONTRACT TO THE SATISFACTION OF THE ARCHITECT AND STRUCTURAL ENGINEER.

6. ALL STEEL BEAM CUTS SHALL BE NEAT, SMOOTH, AND TRUE TO LINE. REPAIR EXCESS GAS BURNING SERRATIONS AND GOUGES BY NECESSARY WELDING AND GRINDING.

7. EXISTING MECHANICAL/ELECTRICAL WORK MAY NEED TO BE TEMPORARILY REMOVED TO ACCOMODATE THE REINFORCEMENT OF THE EXISTING STRUCTURE. SEE MECHANICAL/ELECTRICAL DRAWINGS FOR REQUIREMENTS RELATED TO DOCUMENTING, REMOVING, STORING, REINSTALLING AND TESTING SUCH WORK.

G CONTRACTOR'S ENGINEER

1. CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT'S JURISDICTION TO OVERSEE CONTRACTOR'S DEMOLITION AND CONSTRUCTION SEQUENCE.

2. CONTRACTOR'S PROFESSIONAL ENGINEER SHALL DESIGN ALL TEMPORARY BRACING, SHORING AND THE LIKE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY CONTRACTOR'S PROFESSIONAL ENGINEER FOR TEMPORARY WORK.

3. CONTRACTOR'S PROFESSIONAL ENGINEER SHALL PROVIDE CONSTRUCTION PHASE OVERSIGHT OF THEIR WORK INCLUDING CONTROLLED INSPECTIONS THAT MAY BE REQUIRED.

H. SHOP DRAWINGS AND SUBMITTALS

1. GENERAL: SHOP DRAWINGS ARE NOT CONTRACT DOCUMENTS, BUT ARE INTENDED TO DEMONSTRATE THE WAY THAT CONTRACTOR INTENDS TO CONFORM TO THE REQUIREMENTS PROVIDED IN THE CONTRACT DOCUMENTS. CONTRACTOR MAY WISH TO USE THESE SAME DRAWINGS AS A PART OF THE INSTRUCTIONS GIVEN TO CRAFTSPERSONS FOR THE ACCOMPLISHMENT OF THE WORK.

2. ONLY SHOP DRAWINGS MARKED "NO EXCEPTIONS TAKEN" OR "MAKE CORRECTIONS NOTED - RESUBMISSION NOT REQUIRED" MAY BE USED BY THE CONTRACTOR IN THE WORK. SHOP DRAWINGS MARKED "MAKE CORRECTIONS NOTED - RESUBMIT" SHALL BE CORRECTED AND/OR COMPLETED AS REQUIRED AND SHALL BE RESUBMITTED. THIS PROCESS SHALL BE REPEATED THE NUMBER OF TIMES REQUIRED TO ACHIEVE THE MARK "NO EXCEPTION TAKEN" OR "MAKE CORRECTIONS NOTED - RESUBMISSION NOT REQUIRED".

3. THE CONTRACTOR SHALL NOTE THAT BOTH THE ARCHITECT'S AND THE STRUCTURAL ENGINEER'S REVIEW OF SHOP DRAWINGS IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND FOR INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NONCONFORMITIES AND ERRORS DETECTED DURING THE REVIEW WILL BE NOTED IN THE SHOP DRAWINGS AND RETURNED TO THE CONTRACTOR UPON COMPLETION OF THE REVIEW. NEITHER THE ARCHITECT NOR THE STRUCTURAL ENGINEER IS RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE CONTRACTOR'S SHOP DRAWINGS. ACCEPTANCE OF SHOP DRAWINGS, INCLUDING DEVIATIONS NOT DETECTED DURING THE REVIEW, WILL NOT RELIEVE THE CONTRACTOR FROM THE SOLE RESPONSIBILITY TO PROVIDE WORK CONFORMING STRICTLY TO THE CONTRACT DOCUMENTS.

4. SHOULD STRUCTURAL ENGINEER'S MARKS OR CORRECTIONS BE MADE IN ANY SHOP DRAWING THAT WOULD OR COULD RESULT IN INCORRECT FIT OF ANY PART OR RESULT IN INSUFFICIENT STRENGTH OR STABILITY OF THE WORK, CONTRACTOR SHALL SO NOTIFY IN WRITING SO AS TO EXPEDITE THE REQUIRED CORRECTION OR MODIFICATION.

5. RESUBMISSION OF SHOP DRAWINGS: PRIOR TO RESUBMISSION OF SHOP DRAWINGS WITH ADDITIONS, DELETIONS, OR CORRECTIONS, CONTRACTOR SHALL CIRCLE AND IDENTIFY ALL CHANGES FROM THE PRIOR ISSUE. SHOP DRAWINGS SUBMITTED WITHOUT EACH CHANGE BOTH CIRCLED AND CLEARLY IDENTIFIED WILL BE RETURNED FOR RESUBMISSION.

6. SHOP DRAWINGS SHALL INCLUDE PLANS, ELEVATIONS, SECTIONS AND COMPLETE DETAILS TO DESCRIBE CLEARLY, AT AN AMPLE SCALE, ALL WORK TO BE PROVIDED. SHOP DRAWINGS SHALL BE ACCURATELY DIMENSIONED AND SHALL BE NOTATED CLEARLY.

PART III. REINFORCED CONCRETE

1. CONCRETE STRENGTHS AND UNIT WEIGHTS ARE LISTED BELOW. ALL CONCRETE MIXES SHALL CONFORM TO THE PROVISIONS FOR CONCRETE QUALITY CONTAINED IN CHAPTERS 4 AND 5 OF ACI 318, EXCEPT THAT THE PROVISIONS OF THE SPECIFICATIONS SHALL PREVAIL WHERE MORE STRINGENT.

F'C (PSI)*	COARSE AGGREGATE	LOCATIONS
6000	NORMAL WEIGHT	SHEAR WALLS, COLUMN AND WALL FOOTINGS, SLABS ON GROUND
4000	NORMAL WEIGHT	SLABS ON DECK, CURBS, PARAPETS, SUPERSTRUCTURE BUILT-UP SLABS
4000	LIGHTWEIGHT**	SLABS ON DECK

* F'C SHALL BE THE COMPRESSIVE STRENGTH AT 28 DAYS FOR TYPE I CEMENT AND AT 7 DAYS FOR TYPE III (HIGH EARLY STRENGTH) CEMENT.

** LIGHTWEIGHT CONCRETE SHALL HAVE AN AIR DRY UNIT WEIGHT OF NOT LESS THAN 110 PCF NOR MORE THAN 115 PCF.

2. GROUT UNDER BASE PLATES AND BEDDING PLATES SHALL BE NON-SHRINKING TYPE.

3. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 (GRADE 60) UNLESS OTHERWISE NOTED.

4. DEFORMED STEEL REINFORCING BAR SIZES, NOMINAL BAR DIAMETERS AND NOMINAL CROSS SECTIONAL AREAS SHALL BE IN ACCORDANCE WITH ACI 318.

5. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A497 (DEFORMED WIRE) FOR SIZES D4.0 AND LARGER, AND TO ASTM A185 (PLAIN WIRE) FOR SIZES LESS THAN W4.0.

6. DETAILING OF REINFORCING STEEL SHALL CONFORM TO *ACI DETAILING MANUAL*, BY THE AMERICAN CONCRETE INSTITUTE (ACI PUB. SP-66).

7. MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT (SUBJECT TO TOLERANCES PERMITTED BY CODE) IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE INDICATED.

   MINIMUM CONCRETE COVER, IN ACCORDANCE WITH ACI 318, HAS BEEN ASSUMED IN THE MEMBER STRENGTH COMPUTATIONS. CONTRACTOR SHALL NOT INCREASE THE COVER AS A MEANS TO REDUCE TENSION DEVELOPMENT LENGTHS, LD, OF BARS, UNLESS OTHERWISE NOTED.

8. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE STRUCTURAL DRAWINGS OR AS ACCEPTED.

9. UNLESS INDICATED SPECIFICALLY TO THE CONTRARY, ALL REINFORCEMENT SHALL BE SPLICED WITH TENSION LAP SPLICES DEVELOPING THE FULL TENSILE CAPACITY OF THE REINFORCEMENT.

10. ACCEPTED BAR SPLICING METHODS ARE PERMITTED IN LIEU OF LAPPING FOR LONGITUDINAL COLUMN BARS, AND ARE REQUIRED FOR ALL # 14 AND # 18 BARS.

11. SPLICING OF WWF SHALL BE IN ACCORDANCE WITH ACI 318. THE MINIMUM OVERLAP SHALL BE AS FOLLOWS:



FOR DEFORMED FABRIC FOR PLAIN FABRIC

WHERE LD IS THE DEVELOPMENT LENGTH COMPUTED IN ACCORDANCE WITH ACI 318, FOR EITHER DEFORMED FABRIC OR PLAIN FABRIC AS APPLICABLE.

12. ALL BEAM AND SLAB CONSTRUCTION, INCLUDING UPSET BEAMS, SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS OTHERWISE SHOWN IN THE STRUCTURAL DRAWINGS.

13. LOCATION OF ALL CONSTRUCTION JOINTS SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND ACI 318. DRAWINGS SHOWING LOCATION AND DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED AND ACCEPTED PRIOR TO SUBMITTING REINFORCING STEEL SHOP DRAWINGS.

14. SEE ARCHITECTURAL DRAWINGS FOR DETAIL AND LOCATION OF OPENINGS OR RECESSES IN WALLS AND SLABS AND FOR OTHER DIMENSIONS NOT SHOWN IN STRUCTURAL DRAWINGS.

    FOR EXPOSED AND ARCHITECTURAL CONCRETE CONSTRUCTION, SEE ARCHITECTURAL DRAWINGS FOR FORMING SYSTEMS AND JOINTS, LOCATION OF REVEALS, EXPOSED EMBEDDED ITEMS, CONTROL AND CONSTRUCTION JOINTS AND OTHER INFORMATION.

    SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR INFORMATION REGARDING SIZE AND LOCATION OF OPENINGS FOR DUCTS, PIPES, CONDUITS AND THE LIKE, FOR MACHINE PADS, ETC.

    PROPOSED OPENINGS OR RECESSES IN THE STRUCTURE WHICH ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS, EITHER DIRECTLY OR BY TYPICAL DETAIL, SHALL BE SUBMITTED FOR REVIEW.

15. HORIZONTAL CONDUITS ARE PERMITTED IN SLABS WHERE THE FOLLOWING REQUIREMENTS ARE MET (T = SLAB THICKNESS; FOR SLAB-ON-DECK, T = THICKNESS ABOVE DECK):

    A. T ≥ 4" (T ≥ 3" AT SLAB-ON-DECK)

    B. CONDUIT SIZE ≤ T/3 (T/6 WHERE TWO CONDUITS CROSS);

    C. CONDUITS ARE RUN IN A SINGLE LAYER AT MID-DEPTH IN THE SLAB THICKNESS;

    D. CONDUIT SPACING ≥ THREE CONDUIT DIAMETERS OR WIDTHS ON CENTER; AND

    E. CONDUITS CAN BE ACCOMMODATED WITHOUT DISPLACING REINFORCEMENT FROM LOCATIONS PROVIDED IN THE CONTRACT DOCUMENTS.

    ALUMINUM CONDUIT IS PROHIBITED IN CONCRETE. CONFORM TO CONDUIT REQUIREMENTS OF ACI 318.

16. COMPRESSION DEVELOPMENT LENGTHS (FOR GRADE 60 REBAR).

COMPRESSION DEVELOPMENT LENGTHS, LDC (INCHES)			
BAR SIZE	F'C (PSI)		
	3000	4000	5000 OR HIGHER
# 3	8	8	8
# 4	11	9	9
# 5	14	12	11
# 6	16	14	14
# 7	19	17	16
# 8	22	19	18
# 9	25	21	20
# 10	28	24	23
# 11	31	27	25
# 14	37	32	30
# 18	49	43	41

A. TABULATED VALUES ARE FOR NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE, WITH OR WITHOUT EPOXY COATING.

B. FOR COMPRESSION DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE, INCREASE LDC OF THE INDIVIDUAL BAR BY THE FOLLOWING FACTORS:

	BUNDLE FACTOR
3-BAR BUNDLE	1.20
4-BAR BUNDLE	1.33

INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP.

17. TENSION DEVELOPMENT LENGTHS AND SPLICE LENGTHS:

REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICE LENGTHS SHOWN IN THE DRAWINGS. FOR CONVENIENT REFERENCE, TABLES OF DEVELOPMENT LENGTHS IN TENSION, LD, ARE GIVEN HERE.

THE TABLES FOR LD ARE DIVIDED INTO CATEGORIES. CATEGORIES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER AND THE CENTER- TO-CENTER SPACING OF THE BARS, ARE DEFINED AS:

STRUCTURAL ELEMENT	CONCRETE COVER	CATEGORY, ACCORDING TO CENTER-TO-CENTER BAR SPACING		
		≤ $2D_B$	≥ $2D_B$ < $3D_B$	≥ $3D_B$
BEAMS, COLUMNS	< D_B	2	2	2
	≥ D_B	2	1	1
ALL OTHERS	< D_B	2	2	2
	≥ D_B	2	2	1

WHERE D_B = NOMINAL DIAMETER OF A BAR.

BUNDLED BARS: FOR DETERMINING THE APPROPRIATE CATEGORIES FOR COVER AND CENTER-TO-CENTER BAR SPACING, A UNIT OF BUNDLED BARS SHALL BE TREATED AS A SINGLE BAR OF DIAMETER D_B, DERIVED FROM THE EQUIVALENT TOTAL AREA.

THE FOLLOWING NOTES APPLY TO ALL THE TABULATED VALUES OF TENSION DEVELOPMENT AND TENSION LAP SPLICES:

A. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE TO BE CAST IN THE MEMBER BELOW THE BARS. WALL HORIZONTAL BARS SHALL BE CONSIDERED TOP BARS.

B. FOR LIGHTWEIGHT CONCRETE:

   FOR NON-SEISMIC MEMBERS: LD = 1.3 x TABULATED LD FOR NORMAL WEIGHT CONCRETE

   FOR SEISMIC MEMBERS: LD = 1.25 FOR VALUES WITHIN BOLD BORDERS, 1.30 FOR OTHER VALUES X TABULATED SEISMIC LD FOR NORMAL WEIGHT CONCRETE

C. FOR EPOXY-COATED BARS, INCREASE LD BY THE FOLLOWING FACTORS:

	EPOXY FACTOR	
	TOP BARS	OTHER BARS
COVER < $3D_B$, OR CLEAR SPACING < $6D_B$	1.3	1.5
ALL OTHERS	1.2	1.2

D. THE LENGTHS OF TENSION LAP SPLICES SHALL BE 1.3 x LD.

E. FOR DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE, INCREASE LD OF THE INDIVIDUAL BAR BY THE FOLLOWING FACTORS:

	BUNDLE FACTOR
3-BAR BUNDLE	1.20
4-BAR BUNDLE	1.33

INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP, AND SHALL BE SEPARATED BY 24 INCHES MIN.

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK — DOUGLAS R. GONCZY — No. 072543 — LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

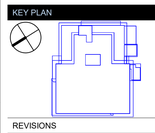
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: STRUCTURAL NOTES
SHEET NUMBER: S-001

BID SET

PART III. REINFORCED CONCRETE (CONTINUED)

F. VALUES SHOWN ARE FOR GRADE 60 REBAR.
FOR GRADE 75 REBAR: LD = 1.25 * LD SHOWN FOR GRADE 60 REBAR

TENSION DEVELOPMENT LENGTHS, LD (INCHES)
NORMAL WEIGHT CONCRETE

BAR SIZE	F'C = 3000 PSI				F'C = 4000 PSI			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	CATEGORY		CATEGORY		CATEGORY		CATEGORY	
	1	2	1	2	1	2	1	2
# 3	22	32	16	25	21	28	15	21
# 4	29	43	22	33	26	37	19	28
# 5	37	53	27	41	32	46	24	36
# 6	44	64	33	49	38	55	28	43
# 7	62	93	48	72	54	81	42	62
# 8	71	107	55	82	62	92	47	71
# 9	80	120	62	93	70	104	54	80
# 10	90	136	70	104	78	117	60	90
# 11	100	151	77	116	87	130	67	100
# 14	121	181	93	139	104	157	80	120
# 18	161	241	124	185	139	209	107	161

TENSION DEVELOPMENT LENGTHS, LD (INCHES)
NORMAL WEIGHT CONCRETE

BAR SIZE	F'C = 5000 PSI				F'C = 6000 PSI			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	CATEGORY		CATEGORY		CATEGORY		CATEGORY	
	1	2	1	2	1	2	1	2
# 3	21	25	15	19	21	23	15	17
# 4	23	33	17	25	21	30	15	23
# 5	29	41	21	32	26	38	19	29
# 6	34	50	25	38	31	45	23	35
# 7	48	72	37	56	44	66	34	51
# 8	55	83	42	64	50	76	39	58
# 9	62	93	48	72	57	85	44	66
# 10	70	105	54	81	64	96	49	74
# 11	78	117	60	90	71	106	55	82
# 14	93	140	72	108	85	128	66	98
# 18	124	187	96	144	114	170	87	131

PART IV. STRUCTURAL STEEL

1. UNLESS OTHERWISE NOTED, USE THE FOLLOWING:

SHAPE	ASTM STANDARD	MINIMUN FY (KSI)
WIDE-FLANGES, TEES	A 992, GRADE 50	50
ALL EXISTING STEEL MEMBERS	A 36	36
RECTANGULAR AND SQUARE HSS	A 500, GRADE C	50
ANGLES	A 572	50
CONNECTION PLATE	A 992	50

WHERE NOTED OTHERWISE, PROVIDE THE INDICATED MINIMUM YIELD STRESS (FOR EXAMPLE, "FY 50" MEANS A MINIMUM YIELD STRESS OF 50 KSI).

2. ALL FORCES GIVEN IN THE STRUCTURAL DRAWINGS FOR STEEL MEMBERS ARE FACTORED FORCES, UNLESS OTHERWISE NOTED.

3. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, ALL BOLTED CONNECTIONS SHALL BE MADE WITH SLIP-CRITICAL, A325 OR A490 BOLTS. THE MINIMUM NUMBER OF ROWS OF BOLTS FOR FRAMED CONNECTIONS SHALL BE BASED ON BEAM DEPTH AS TABULATED BELOW. WHERE NO REACTION IS PROVIDED IN THE DRAWINGS, THE CONNECTION SHALL BE PROPORTIONED TO CARRY THE FORCES TABULATED BELOW:

MINIMUM CONNECTION REQUIREMENTS

NOMINAL DEPTH OF BEAM OR GIRDER	MINIMUM NUMBER OF ROWS OF BOLTS	MINIMUM VERTICAL REACTION, KIPS (FACTORED LOADS)		MINIMUM AXIAL REACTION, KIPS (FACTORED)*
		CONNECTED TO BEAM, GIRDER OR WALL	CONNECTED TO COLUMN OR BRACING	ALL BEAM END CONNECTIONS
8	2	14	24	A = R
10	2	17	24	A = R
12	2	20	36	A = R
14, 15, 16	3	36	49	A = R
18	3	49	76	A = R
21, 24	4	62	91	A = R
27, 30	5	74	101	A = R
33, 36	6	85	123	A = R

* NOTE: WHERE MINIMUM TABULATED AXIAL FORCE IS USED, IT NEED NOT BE CONSIDERED TO ACT SIMULTANEOUSLY WITH THE VERTICAL REACTION. WHERE AXIAL FORCES ARE TAKEN FROM THE DRAWINGS THESE SHALL BE CONSIDERED TO ACT SIMULTANEOUSLY WITH VERTICAL REACTIONS (EITHER MINIMUM TABULATED OR THOSE SPECIFICALLY SHOWN IN THE DRAWINGS).

4. ALL BEAM VERTICAL, AXIAL, TORSION AND MOMENT REACTIONS ACT SIMULTANEOUSLY, UON. END REACTIONS AND/OR DETAILS ARE SHOWN THUS:

R, A — INDICATES CONNECTION TO BE DESIGNED FOR THE GIVEN REACTIONS. R = VERTICAL REACTION AND A = BEAM AXIAL REACTION IN KIPS. WHERE ONLY ONE VALUE IS GIVEN, A = 0. THE CONNECTION SHALL BE DESIGNED FOR THE MORE SEVERE OF THE FOLLOWING:

R ALONE OR REACTION FROM THE MINIMUM CONNECTION REQUIREMENTS TABLE, WHICHEVER IS GREATER.

R AND A, VECTORIALLY COMBINED.

R, A / M, T — INDICATES A MOMENT AND/OR TORSION CONNECTION. M = MOMENT IN FOOT-KIPS, T = TORSION IN FOOT-KIPS. THE FULL MOMENT CAPACITY OF THE BEAM SHALL BE DEVELOPED UNLESS OTHERWISE NOTED.

OR

R, A/M — VERTICAL AND BEAM AXIAL REACTIONS SHALL BE DESIGNED AS DESCRIBED ABOVE (i.e. R+M AND R+A+M).

R, A/M/T 6/104 — INDICATES DETAIL 6 ON DRAWING S-104. WHERE REACTIONS ARE INDICATED, THE CONNECTION SHALL BE DESIGNED AS DESCRIBED ABOVE.

5. REINFORCING SHALL BE PROVIDED TO BEAMS AT CONNECTIONS WHERE CUTS HAVE REDUCED THE SHEAR OR MOMENT CAPACITY BELOW THAT REQUIRED TO SUSTAIN THE REACTIONS. FLANGES AND WEBS SHALL BE REINFORCED WHERE THE LOCAL CAPACITY TO SUSTAIN CONNECTION LOADS IS INADEQUATE.

6. ELECTRODES, FLUX AND SHIELDING GAS SHALL PROVIDE PHYSICAL PROPERTIES AFTER WELDING EQUIVALENT TO OR BETTER THAN E7018 LOW HYDROGEN ELECTRODES.

7. CAMBER WHERE REQUIRED IS INDICATED BY "C" IN PLANS, FOLLOWED BY THE ORDINATE, IN INCHES. WHERE NO CAMBER IS INDICATED, MEMBERS SHALL BE FABRICATED AND PLACED WITH NATURAL CAMBER UP.

8. PROVIDE 5/16" THICK OR THICKER SHELF ANGLES AT COLUMNS, WALLS AND BEAMS AS REQUIRED TO PROVIDE END AND SIDE DECK SUPPORTS.

9. DOUBLE ANGLE MEMBERS SHALL HAVE LONG LEGS BACK-TO-BACK UNLESS OTHERWISE NOTED.

10. DOUBLE ANGLE MEMBERS IN CONTACT WITH EACH OTHER SHALL BE CONNECTED BY SLIP-CRITICAL BOLTS OR INTERMITTENT WELDS AT A SPACING NOT TO EXCEED 24".

DOUBLE ANGLE MEMBERS SEPARATED FROM ONE ANOTHER BY INTERMITTENT FILLERS SHALL BE CONNECTED TO ONE ANOTHER BY SLIP-CRITICAL BOLTS OR WELDS AT THESE FILLERS SUCH THAT THE SLENDERNESS RATIO, L / R, OR WELDS AT THESE FILLERS SUCH THAT THE SLENDERNESS RATIO, L / R, OF EITHER SHAPE, BETWEEN THE FASTENERS, DOES NOT EXCEED 0.75 TIMES THE GOVERNING SLENDERNESS RATIO, L / R, OF THE BUILT-UP MEMBER. THE LEAST RADIUS OF GYRATION, R, SHALL BE USED IN COMPUTING THE SLENDERNESS RATIO OF EACH COMPONENT PART.

AT LEAST TWO INTERMEDIATE CONNECTORS SHALL BE USED ALONG THE LENGTH OF THE DOUBLE-ANGLE MEMBER.

11. FILLET WELDS ON GUSSET PLATES, SEATED CONNECTIONS AND OTHER PLATE EXTENSIONS SHALL BE RETURNED AROUND THE ENDS OF THE PLATE FOR PLATES EXPOSED TO WEATHER.

12. ERECTION AIDS AND DEVICES ARE NOT SHOWN HEREIN. THE DETAILING OF THESE DEVICES IS THE RESPONSIBILITY OF CONTRACTOR.

PART V. STEEL DECK

1. STEEL DECK UNITS AND ACCESSORIES SHALL BE FABRICATED FROM STEEL SHEET CONFORMING TO ASTM A653 SQ GRADE 50, WITH A MINIMUM YIELD POINT OF 50 KSI. MINIMUM THICKNESS SHALL BE 20 GAUGE.

2. PROVIDE COMPOSITE DECK EXCEPT WHERE SPECIFICALLY INDICATED TO THE CONTRARY IN THE CONTRACT DOCUMENTS. DECK UNITS SHALL INCORPORATE DEFORMATIONS SPECIFICALLY DESIGNED TO PRODUCE COMPOSITE ACTION BETWEEN THE METAL DECK AND THE CONCRETE SLAB TO BE PLACED OVER THE DECK.

3. WHERE THE DECK IS INDICATED BY THE CONTRACT DOCUMENTS TO BE ELECTRIFIED, ALL REQUIREMENTS OF THE ELECTRICAL CONTRACT DOCUMENTS MUST BE MET WITHOUT COMPROMISING THE STRUCTURAL REQUIREMENTS OF THE DECK.

4. DECK EDGE LAPS SHALL BE CONNECTED VIA FUSION WELDS OR MECHANICAL FASTENERS AS FOLLOWS:

FUSION WELDS: 3/4" ∅ PUDDLE WELDS. THE SPACING SHALL BE SPECIFIED BY CONTRACTOR'S PROFESSIONAL ENGINEER AND BE SUFFICIENT TO MAINTAIN BUILDING ALIGNMENT AND TO SUSTAIN CONSTRUCTION LOADS WITHOUT DISTORTION OR SEPARATION. MAXIMUM SPACING SHALL BE 3'-0 OC THROUGHOUT EXCEPT THAT CANTILEVER SPANS SHALL RECEIVE NOT LESS THAN ONE WELD AT THE DECK END.

MECHANICAL FASTENERS: SHALL BE STEEL SCREWS. THE SCREW SIZE AND SPACING SHALL BE SPECIFIED BY CONTRACTOR'S PROFESSIONAL ENGINEER SUCH THAT IT HAS EQUIVALENT STRENGTH OF FUSION WELDS. MAXIMUM SPACING SHALL NOT EXCEED 3'-0 OC. FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.

5. DECK ATTACHMENT TO STRUCTURAL STEEL SHALL BE CONNECTED VIA FUSION WELDS, OR MECHANICAL FASTENERS AS FOLLOWS:

FUSION WELDS: 3/4" ∅ PUDDLE WELDS. THE SPACING SHALL BE SPECIFIED BY CONTRACTOR'S PROFESSIONAL ENGINEER. WELDS SHALL BE PROVIDED AT EACH RIB, AT END AND INTERIOR SUPPORTS PERPENDICULAR TO THE DECK SPAN AND AT 12" OC AT EDGE AND INTERIOR SUPPORTS PARALLEL TO THE DECK SPAN. WELDS MAY BE OMITTED IN RIBS IN WHICH SHEAR CONNECTORS ARE TO BE APPLIED EXCEPT THAT EACH DECK SECTION SHALL HAVE SUFFICIENT WELDS TO ADEQUATELY SECURE THE DECK, TO BRING THE DECK INTO DIRECT CONTACT WITH THE SUPPORTING STEEL, AND TO PROVIDE SUFFICIENT DIAPHRAGM STRENGTH TO MAINTAIN BUILDING ALIGNMENT.

MECHANICAL FASTENERS: SHALL BE STEEL POWDER ACTUATED FASTENERS. THE FASTENER SIZE AND SPACING SHALL BE SPECIFIED BY CONTRACTOR'S PROFESSIONAL ENGINEER SUCH THAT IT HAS EQUIVALENT STRENGTH OF FUSION WELDS, BUT NO LESS THAN A 36/4 PATTERN. FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.

6. PROPOSED OPENINGS THROUGH SLAB/DECK OR DECK WHICH ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED THROUGH ARCHITECT TO STRUCTURAL ENGINEER FOR REVIEW.

7. POWDER ACTUATED AND SCREW FASTENERS SHALL BE SDI LISTED FOR DIAPHRAGM DESIGN AND WIND UPLIFT. THESE FASTENERS SHALL ALSO CONFORM TO THE LATEST REQUIREMENTS OF ICC-ES AC 43 FOR DIAPHRAGM SHEAR STRENGTH AND STIFFNESS.

PART VI. POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII), AND APPROVED INDEPENDENT TESTING REPORT PER ACI 355.

2. ANCHOR INSTALLER(S) SHALL HAVE EXPERIENCE AND TRAINING WITH INSTALLING THE SPECIFIED POST-INSTALLED ANCHORS. INSTALLATION OF ADHESIVE ANCHORS IN HORIZONTAL, OR UPWARDLY INCLINED ORIENTATIONS, SUPPORTING TENSION LOAD SHALL BE PERFORMED BY INSTALLERS CERTIFIED THROUGH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM, OR APPROVED EQUIVALENT.

3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING AT THE TIME OF INSTALLATION SO AS TO ACHIEVE THE INTENDED CAPACITY, UNLESS OTHERWISE PERMITTED IN WRITING FROM THE ANCHOR MANUFACTURER.

A. MINIMUM CONCRETE AGE OF 21 DAYS
B. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 0.75 F'C
C. MINIMUM CONCRETE TEMPERATURE OF 50 DEGREES FAHRENHEIT
D. HOLES DRILLED WITH CARBIDE-TIPPED DRILL BITS,
E. USING ROTARY IMPACT HAMMER
F. CONCRETE IN "DRY" CONDITION
G. HOLES THOROUGHLY CLEANED AND PREPARED IN ACCORDANCE WITH THE MPII
H. ANCHORS FREE OF RUST, OIL, COATINGS, DIRT, MUD OR ANY DELETERIOUS MATERIALS

4. ANCHORS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE CONCRETE CAPACITY DESIGN METHODS OF ACI 318, AS MODIFIED BASED ON THE REQUIREMENTS OF THE APPROVED INDEPENDENT TESTING REPORT PER ACI 355. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER PRIOR TO USE. WHERE SUBSTITUTIONS ARE REQUESTED, CONTRACTOR SHALL PROVIDE SIGNED AND SEALED CALCULATIONS FROM CONTRACTOR'S PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE PROJECT'S JURISDICTION, DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE CAPACITY AND PERFORMANCE OF THE ORIGINAL SPECIFIED PRODUCT INCLUDING, BUT NOT LIMITED TO: COMPLIANCE WITH THE BUILDING CODE, SEISMIC USE, LOAD RESISTANCE, INSTALLATION CATEGORY, AND IN-SERVICE CONDITIONS.

5. SPECIAL INSPECTION OF POST-INSTALLED ANCHORS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE AND APPROVED INDEPENDENT TESTING REPORT PER ACI 355. AT A MINIMUM, ALL ANCHORS SHALL BE SUBJECT TO PERIODIC SPECIAL INSPECTION. IN ADDITION, ADHESIVE ANCHORS INSTALLED IN HORIZONTAL, OR UPWARDLY INCLINED ORIENTATIONS, SUPPORTING TENSION LOAD SHALL BE SUBJECT TO CONTINUOUS SPECIAL INSPECTION. IN ALL CASES THE SPECIAL INSPECTOR SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK.

6. CARE SHALL BE TAKEN TO NOT CUT OR DAMAGE EXISTING REINFORCEMENT. CONTRACTOR SHALL LOCATE EXISTING REINFORCEMENT, BY NON-DESTRUCTIVE MEANS, PRIOR TO FABRICATION OF ANCHORAGE ELEMENTS AND/OR DRILLING OF POST-INSTALLED ANCHORS TO CONFIRM THERE ARE NO CONFLICTS. CONTRACTOR IS RESPONSIBLE TO NOTIFY THE STRUCTURAL ENGINEER IN WRITING IF A CONFLICT EXISTS, FOR REVIEW PRIOR, TO COMMENCEMENT OF THE WORK.

7. WHERE STAINLESS STEEL ANCHORS ARE SPECIFIED IN THE CONTRACT DOCUMENTS, GRADE 316 STAINLESS SHALL BE USED, UNLESS OTHERWISE NOTED OR APPROVED BY THE STRUCTURAL ENGINEER IN WRITING.

8. PROOF LOAD TESTING (INCLUDING REQUIRED PROOF LOAD, ANCHOR TYPES, LOCATIONS, AND QUANTITIES) BY NON-DESTRUCTIVE MEANS SHALL BE PERFORMED BY AN INDEPENDENT PARTY AT THE DISCRETION OF THE STRUCTURAL ENGINEER. RESULTS OF THIS PROOF LOAD TESTING SHALL BE SUBMITTED IN WRITING FOR REVIEW.

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK — DOUGLAS R. GUSTAFSON — LICENSED PROFESSIONAL ENGINEER — No. 072560

SUCF Project No. 081056-00

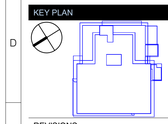
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: STRUCTURAL NOTES
SHEET NUMBER: S-002

BID SET

STRUCTURAL DESIGN CRITERIA

THIS STRUCTURAL DESIGN CRITERIA OF THE PROJECT IS FOR GENERAL INFORMATION ONLY AND DOES NOT MODIFY, ALTER OR OVERRULE THE SPECIFICATIONS OR THE DRAWINGS.

A. **LOCATION**

THIS PROJECT IS LOCATED IN SOUTH SIDE LOOP NEW PALTZ, NY 12561.

B. **CODES**

THE STRUCTURAL DESIGN, REPRESENTED BY THE CONTENTS OF THE CONTRACT DOCUMENTS, IS IN GENERAL ACCORD WITH THE MINIMUM REQUIREMENTS OF THE FOLLOWING CODES AND STANDARDS. IN SOME INSTANCES, LERA HAS CONCLUDED THAT MORE STRINGENT REQUIREMENTS ARE APPROPRIATE FOR THE STRUCTURAL DESIGN OF THE PROJECT; IN THOSE INSTANCES, THE MORE STRINGENT STRUCTURAL REQUIREMENTS HAVE BEEN APPLIED.

1. THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE.
2. ASCE 7-22, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, BY AMERICAN SOCIETY OF CIVIL ENGINEERS.
3. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (ANSI/AISC 360-22), 01 AUGUST 2022, BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION
4. AWS D1.1-20 STRUCTURAL WELDING CODE-STEEL.
5. SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILIDINGS (ANSI/AISC 341-22), 22 SEPTEMBER 2022, BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
6. ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE.
7. TMS 402/602-22 BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES.

C. **REFERENCE DOCUMENTS**

1. SEE THE GENERAL STRUCTURAL NOTES FOR A LIST OF REFERENCE DOCUMENTS.

D. **GRAVITY LOADS**

THE LOADS THAT FOLLOW DO NOT INCLUDE THE WEIGHT OF STRUCTURAL STEEL MEMBERS. FURTHER, EXCEPT AS NOTED, LOADING INFORMATION FOR THE ELEVATORS AND MECHANICAL EQUIPMENT (I.E., BOILERS, CHILLERS, COOLING TOWERS, EMERGENCY GENERATORS AND THE LIKE) HAVE NOT BEEN INCLUDED IN THESE CRITERIA. NORMAL WEIGHT CONCRETE IS TAKEN AT A UNIT WEIGHT OF 150 PCF. LIGHTWEIGHT CONCRETE IS TAKEN AT A UNIT WEIGHT OF 117 PCF. LIVE LOADS ARE REDUCIBLE EXCEPT WHERE NOTED NR (NOT REDUCIBLE). THE FOLLOWING ARE DEAD, SUPERIMPOSED DEAD AND LIVE LOADS TAKEN FOR EACH OCCUPANCY CATEGORY:

REFERENCE	COM	DIN	KIT	EQR	OFF	BTH	COR	STR	RFU	DTR
OCCUPANCY	COMMONS	DINING	KITCHEN	EQUIPMENT ROOM	OFFICE	BATHROOM	CORRIDOR	STAIR	UNOCCUPIED ROOF	DINING TERRACE
APPLICABILITY										
CONSTRUCTION DEAD LOAD (PSF)[1]										
EX. 5" SOG @ FIRST FLOOR	62.5	62.5	62.5	62.5	62.5	62.5	62.5	-	-	-
EX. 4" SLAB @ 2ND FLOOR	-	50	50	50	50	50	50	-	-	-
3 1/4" LWC SLAB ON 3" CMD	-	47	-	47	-	-	-	-	-	-
EX. 16" CONC. PAD ON EX. 5" SLAB ON GRADE	-	-	-	262.5	-	-	-	-	-	-
STEEL PAN STAIRS	-	-	-	-	-	-	-	75	-	-
ROOF STEEL DECK	-	-	-	-	-	-	-	-	3	-
4 1/2" NWC SLAB ON 3" CMD	-	-	-	-	-	-	-	-	-	76
SUPERIMPOSED DEAD LOAD (PSF)										
FLOOR FINISH	25	25	25	25	25	25	25	25	-	-
FIREPROOFING	2	2	2	2	2	2	2	2	2	2
PARTITIONS	15	15	15	15	15	15	15	-	-	-
CEILING	-	10	10	10	10	10	10	-	15	15
MECANICAL/ELECTRICAL	-	-	-	10	-	-	-	-	-	-
ROOFING	-	-	-	-	-	-	-	-	6	6
INSULATION	-	-	-	-	-	-	-	-	-	13.5
LIVE LOAD (PSF)	100	100	100	75	50	100	100	100	40	100

NOTES:

1. DOES NOT INCLUDE STEEL WEIGHT. NW CONCRETE DENSITY OF 150 PCF AND LW CONCRETE DENSITY (NY REGION) OF 117 PCF ASSUMED.

E. **LIVE LOAD REDUCTION**

IN ACCORDANCE WITH THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE SECTION 1607.11, LIVE LOAD MAY BE REDUCED AS FOLLOWS EXCEPT FOR LOADS MARKED NR (NOT REDUCIBLE):

$L = Lo\ [0.25 + 15/(K_{LL}A_T)^{1/2}]$

WHERE

L = REDUCED DESIGN LIVE LOAD PER SQUARE FOOT (m^2) OF AREA SUPPORTED BY MEMBER.
LO = UNREDUCED DESIGN LIVE LOAD PER SQUARE FOOT (m^2) OF AREA SUPPORTED BY MEMBER SEE TABLE BELOW)
A_T = TRIBUTARY AREA (FT2)
K_{LL} = LIVE LOAD ELEMENT FACTOR (SEE TABLE BELOW)

ELEMENTS	K_{LL}
INTERIOR COLUMNS EXTERIOR COLUMNS WITHOUT CANTILEVER SLABS	4
EDGE COLUMNS WITH CANTILEVER SLABS	3
CORNER COLUMNS WITH CANTILEVER SLABS EDGE BEAMS WITHOUT CANTILEVER SLABS INTERIOR BEAMS	2
ALL OTHER MEMBERS	1

L SHALL NOT BE LESS THAN THE FOLLOWING LIMITS:

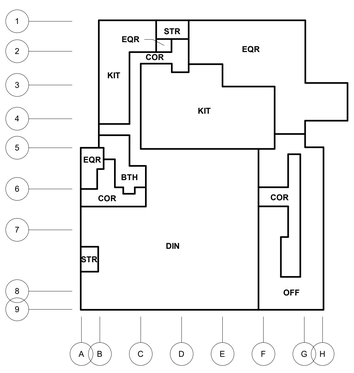
(1) 0.50LO FOR MEMBERS SUPPORTING ONE FLOOR;
(2) 0.40LO FOR MEMBERS SUPPORTING TWO OR MORE FLOORS.

LIVE LOADS SHALL NOT BE REDUCED FOR THE FOLLOWING CONDITIONS:

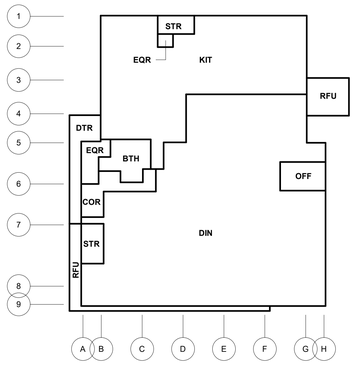
1. LIVE LOADS OF 100 PSF OR LESS SHALL NOT BE REDUCED IN PUBLIC OCCUPANCIES.
2. LIVE LOADS THAT EXCEED 100 PSF SHALL NOT BE REDUCED, EXCEPT THE LIVE LOADS FOR MEMBERS SUPPORTING TWO OR MORE FLOORS ARE PERMITTED TO BE REDUCED BY A MAXIMUM OF 20 PERCENT, BUT THE LIVE LOADS SHALL NOT BE LESS THAN L AS CALCULATED BY THE ABOVE EQUATION.
3. LIVE LOADS IN PASSENGER VEHICLE GARAGES SHALL NOT BE REDUCED, EXCEPT THE LIVE LOADS FOR MEMBERS SUPPORTING TWO OR MORE FLOORS ARE PERMITTED TO BE REDUCED BY A MAXIMUM OF 20 PERCENT, BUT THE LIVE LOADS SHALL NOT BE LESS THAN L AS CALCULATED BY THE ABOVE EQUATION.
4. LIVE LOADS SHALL NOT BE REDUCED WHERE THE VALUE OF KLLAT IS LESS THAN 400 SQ FT.
5. LIVE LOADS SHALL NOT BE REDUCED FOR ONE-WAY SLABS.

EQUIPMENT SCHEDULE

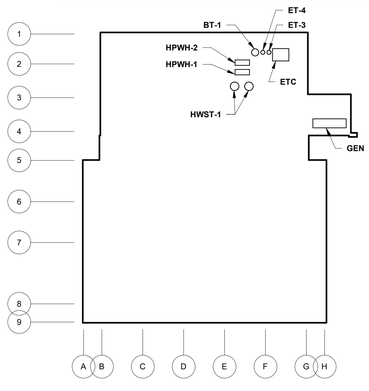
EQUIPMENT MARK	WEIGHT (LB)	DESCRIPTION	DIMENSIONS		PLAN AREA (FT2)	EQUIVALENT DISTRIBUTED UNIFORM LOADS (PSF)	TRADE	FLOOR
			LENGTH	WIDTH				
ET-3	700	EXPANSION TANK	2.00	2.00	3.1	222.8	MECHANICAL	LEVEL 1
ET-4	311	EXPANSION TANK	1.67	1.67	2.2	142.6	MECHANICAL	LEVEL 1
ECT	400	EXPANSION TANK	8.00	6.00	48	8.3	MECHANICAL	LEVEL 1
BT-1	4,830	N/A	3.38	3.38	8.9	539.9	MECHANICAL	LEVEL 1
HPWH-1	N/A	HEAT PUMP	7.08	2.63	18.6	N/A	PLUMBING	LEVEL 1
HPWH-2	N/A	HEAT PUMP	7.08	2.63	18.6	N/A	PLUMBING	LEVEL 1
HWST-1 (1)	N/A	HOT WATER STORAGE TANK	4.38	4.38	15.0	N/A	PLUMBING	LEVEL 1
HWST-1 (2)	N/A	HOT WATER STORAGE TANK	4.38	4.38	15.0	N/A	PLUMBING	LEVEL 1
GEN	11,808	GENERATOR	17.25	5.29	91.6	128.9	ELECTRICAL	LEVEL 1
MAU-1	N/A	MAKE-UP AIR UNIT	12.79	4.00	51.2	N/A	MECHANICAL	MECH. PH
AHU-1	14,632	AIR HANDLING UNIT	23.83	10.67	195.3	74.9	MECHANICAL	MECH. PH
AHU-2	15,862	AIR HANDLING UNIT	23.92	11.58	219.7	72.2	MECHANICAL	MECH. PH
ACCU-1	N/A	AIR COOLED CONDENSING UNIT	5.88	2.04	12.0	N/A	MECHANICAL	ROOF
ACCU-2	N/A	AIR COOLED CONDENSING UNIT	5.88	2.04	12.0	N/A	MECHANICAL	ROOF
MAU-2	N/A	MAKE-UP AIR UNIT	6.21	2.29	14.2	N/A	MECHANICAL	ROOF
MAU-3	N/A	MAKE-UP AIR UNIT	6.17	2.29	14.1	N/A	MECHANICAL	ROOF
MAU-4	N/A	MAKE-UP AIR UNIT	6.29	2.25	14.2	N/A	MECHANICAL	ROOF



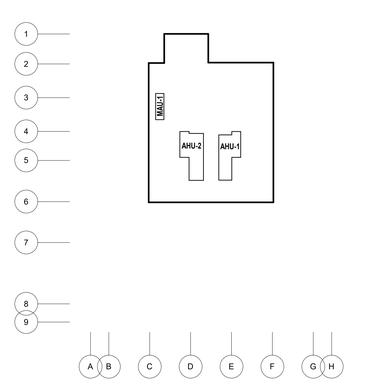
LEVEL 1
NTS



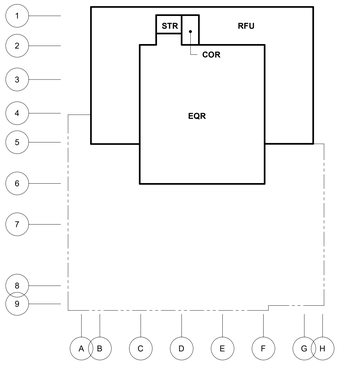
LEVEL 2
NTS



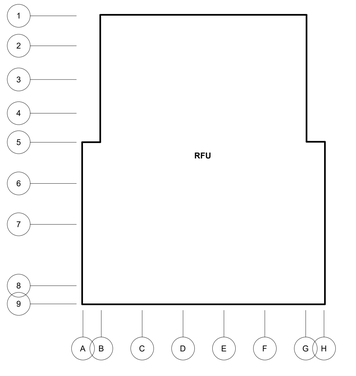
FIRST FLOOR EQUIPMENT PLAN
NTS



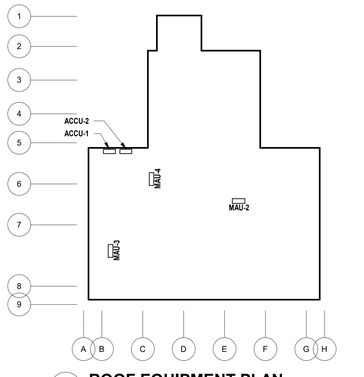
MECHANICAL PENTHOUSE EQUIPMENT PLAN
NTS



MECHANICAL MEZZANINE/ROOF
NTS



ROOF
NTS



ROOF EQUIPMENT PLAN
NTS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

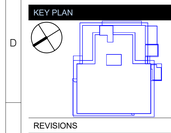
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: STRUCTURAL DESIGN CRITERIA
SHEET NUMBER: S-010

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

STRUCTURAL DESIGN CRITERIA (CONTINUED)

F. WIND LOADS

WIND LOAD ARE DETERMINED FROM THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE & ASCE 7-22 USING THE FOLLOWING PARAMETERS:

1. WIND LOAD PARAMETERS

BASIC WIND SPEED:	V = 120 MPH
RISK CATEGORY:	III
MEAN ROOF HEIGHT:	h = 33' - 2"
SURFACE ROUGHNESS CATEGORY:	B
EXPOSURE CATEGORY:	B
WIND DIRECTIONALITY FACTOR:	Kd = 0.85

2. WIND LOADS ON THE MAIN WIND FORCE RESISTING SYSTEM

VELOCITY PRESSURE EXPOSURE COEFFICIENT (CASE 2)

a = 7.5
Zg = 3,280 FEET

AT TOP OF BUILDING: $Kh = 2.41*(h/Zg)^{(2/\alpha)} = 0.71$
AT MID HEIGHT:
FOR: Z < 15 FT — $Kz = 2.41*(15/Zg)^{(2/\alpha)} = 0.57$
FOR: 15 FT ≤ Z = Zg — $Kz = 2.41*(Z/Zg)^{(2/\alpha)}$ = SEE TABLE BELOW

TOPOGRAPHIC FACTOR:	Kzt = 1.0
GROUND ELEVATION FACTOR:	Ke = 1.0
FUNDAMENTAL BUILDING FREQUENCY IN NORTH-SOUTH DIRECTION:	f = 2.261 HZ
BUILDING TYPE:	RIGID
GUST EFFECT FACTOR:	G or Gf = 0.85
ENCLOSURE CLASSIFICATION:	ENCLOSED
INTERNAL PRESSURE COEFFICIENT:	GCpi = ± 0.18

BUILDING DIMENSIONS

WIDTH OF BUILDING NORMAL TO WIND DIRECTION:	B = 150 FT
WIDTH OF BUILDING PARALLEL TO WIND DIRECTION:	L = 150 FT
LENGTH TO WIDTH RATIO:	L/B = 1.0

WALL EXTERNAL PRESSURE COEFFICIENTS

WINDWARD WALL:	$Cp_{WINDWARD}$ = 0.80
LEEWARD WALL:	$Cp_{LEEWARD}$ = - 0.50
SIDE WALL:	Cp_{SIDE} = - 0.70

VELOCITY PRESSURE

AT TOP OF BUILDING:	qh = 0.00256*Kh*Kzt*Ke* V^2 = 26.10 PSF
AT MID HEIGHT:	qz = 0.00256*Kz*Kzt*Ke*V^2 = SEE TABLE BELOW

EXTERNAL WIND PRESSURES

WINDWARD WALL:	$pe_{WINDWARD}$= qz*Kd*(G or Gf) * $Cp_{WINDWARD}$ = SEE TABLE BELOW
LEEWARD WALL:	$pe_{LEEWARD}$= -qh*Kd*(G or Gf)* $Cp_{LEEWARD}$ = -13.42 PSF

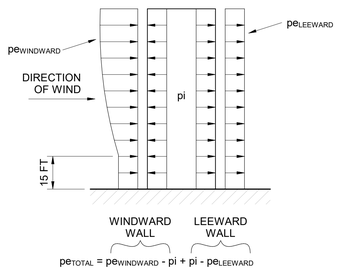
INTERNAL PRESSURES

VELOCITY PRESSURE FOR INTERNAL PRESSURE:	qi = qh = 26.10 PSF
INTERNAL PRESSURE:	pi = ±qi*Kd* (GCpi) = ±3.99 PSF

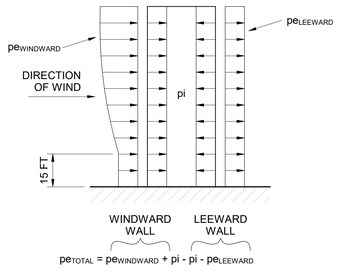
STORY	Z (FT)	Kz	qz (PSF)	$pe_{WINDWARD}$ (PSF)	$pe_{LEEWARD}$ (PSF)
ROOF HIGH	33.17	0.71	26.10	19.08	-13.42
MECH MEZZ/ROOF LOW	21.83	0.63	23.34	17.48	-13.42
2ND FLOOR	12.00	0.57	21.12	16.20	-13.42
1ST FLOOR	-0.42	0.57	21.12	16.20	-13.42

DESIGN WIND LOAD

DESIGN WIND LOAD: p = pe - pi



EXTERNAL PRESSURES PLUS POSITIVE INTERNAL PRESSURES

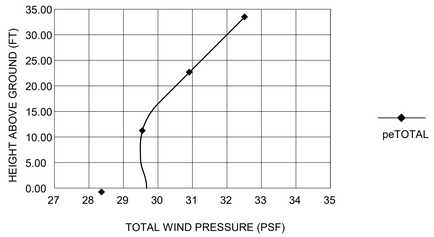


EXTERNAL PRESSURES PLUS NEGATIVE INTERNAL PRESSURES

TOTAL EXTERNAL WIND PRESSURE:

IF THE INTERNAL WIND PRESSURES ARE BALANCED BETWEEN THE WINDWARD AND LEEWARD WALL; THEN:
TOTAL EXTERNAL WIND PRESSURE: $pe_{TOTAL} = pe_{WINDWARD} - pe_{LEEWARD}$

STORY	Z (FT)	peTOTAL (PSF)
ROOF HIGH	33.17	32.50
MECH MEZZ/ROOF LOW	21.8	30.90
2ND FLOOR	12.0	29.62
1ST FLOOR	-0.4	29.62



3. WIND LOAD ON COMPONENTS AND CLADDING

NOTE: COMPONENT AND CLADDING ELEMENTS WITH TRIBUTARY AREAS GREATER THAN 700 FT2 SHALL BE PERMITTED TO BE DESIGNED USING THE DIMENSIONS FOR THE MAIN WIND FORCE RESISTING SYSTEM.

COMPONENTS AND CLADDING WIND PRESSURES		
LOCATION	COMPONENT & CLADDING TRIBUTARY AREA (SF)	ROOF POSITIVE PRESSURE (PSF)
WALLS	A ≤ 10	26.25
	10 ≤ A ≤ 500	30.19 -3.94log(A)
	A > 500	19.58
ENTIRE ROOF	A ≤ 10	19.58
	10 ≤ A ≤ 100	28.48 -8.9log(A)
	A ≥100	10.68

LOCATION	COMPONENT & CLADDING TRIBUTARY AREA (SF)	ROOF NEGATIVE PRESSURE (PSF)
WALLS	A ≤ 10	-28.48
	10 ≤ A ≤ 500	-32.41 +3.9log(A)
	A > 500	-21.80
WALLS WITHIN 13.267' OF CORNER	A ≤ 10	-35.15
	10 ≤ A ≤ 500	-43.00 +7.8log(A)
	A > 500	-21.80
ROOF ZONE 1	A ≤ 10	-44.05
	10 ≤ A ≤ 200	-61.16 +17.11log(A)
	A ≥ 200	-21.80
ROOF ZONE 2	A ≤ 10	-57.40
	10 ≤ A ≤ 200	-76.20 +18.8log(A)
	A ≥ 200	-32.93
ROOF ZONE 3	A ≤ 10	-61.85
	10 ≤ A ≤ 200	-82.36 +20.52log(A)
	A ≥ 200	-35.15

ADDITIONAL NOTES:

1. BASED ON FIGURE 30.3-2 & 30.3-2E FROM ASCE 7-22 THE DIMENSION "a" SHOWN ABOVE WAS DETERMINED TO BE 13.267' BASED ON A MEAN ROOF HEIGHT OF 33.2'.
2. THE VALUES OF THIS TABLE ACCOUNT FOR THE COMBINED EFFECTS OF INTERNAL AND EXTERNAL WIND PRESSURE DIRECTION OF FORCES IS FROM EXTERIOR TO INTERIOR FOR POSITIVE PRESSURE (+), AND FROM INTERIOR TO EXTERIOR FOR NEGATIVE PRESSURE (-).
3. FOR ROOF ZONES SEE FIGURE 30.3-2E ON THE FOLLOWING FIGURE.

DIAGRAMS

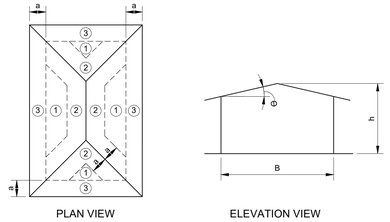


FIGURE 30.3-2E FROM ASCE 7-22

G. SEISMIC LOADS

1. SEISMIC LOADS ARE DETERMINED FROM THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE & ASCE 7-16 USING THE FOLLOWING PARAMETERS:

PER asce 7-22:

OCCUPANCY CATEGORY:	III
NEAR A FAULT SITE:	NO
IMPORTANCE FACTOR:	1.25
SITE CLASS	C

MAPPED MCE SPECTRAL ACCELERATION AT SHORT PERIODS: S_s = 0.2 g

MAPPED MCE SPECTRAL ACCELERATION AT 1 SEC PERIOD: S_1 = 0.047 g

ADJUSTED MCE SPECTRAL ACCELERATION AT SHORT PERIODS: S_{MS} = 0.241 g

ADJUSTED MCE SPECTRAL ACCELERATION AT 1 SEC PERIOD: S_{M1} = 0.080 g

DESIGN SPECTRAL ACCELERATION AT SHORT PERIODS: $S_{DS} = 2/3*S_{MS}$ = 0.160 g

DESIGN SPECTRAL ACCELERATION AT 1 SEC PERIODS: $S_{D1} = 2/3*S_{D1}$ = 0.054 g

SEISMIC DESIGN CATEGORY: A

SEISMIC FORCE RESISTING SYSTEMS:

E - W DIRECTION
TYPE OF LATERAL SYSTEM:
A3. ORDINARY REINFORCED CONCRETE SHEAR WALLS

RESPONSE MODIFICATION COEFFICIENT:	R_{EW} = 4
SYSTEM OVERSTRENGTH FACTOR:	Ω_{OEW} = 2.5
DEFLECTION AMPLIFICATION FACTOR:	Cd_{EW} = 4
REDUNDANCY FACTOR:	ρ = 1.0

N - S DIRECTION
TYPE OF LATERAL SYSTEM:
A3. ORDINARY REINFORCED CONCRETE SHEAR WALLS

RESPONSE MODIFICATION COEFFICIENT:	R_{NS} = 4
SYSTEM OVERSTRENGTH FACTOR:	Ω_{ONS} = 2.5
DEFLECTION AMPLIFICATION FACTOR:	Cd_{NS} = 4
REDUNDANCY FACTOR:	ρ = 1.0

PERIODS:

STRUCTURAL HEIGHT:	h_n = 42.625 FT
STRUCTURE TYPE:	ALL OTHER STRUCTURAL SYSTEMS
	C_t = 0.02
	x = 0.75
APPROXIMATE PERIOD:	T_a = 0.334 SEC
	C_u = 1.700
PERIOD UPPER LIMIT:	T_{max} = 0.567 SEC

E-W DIRECTION

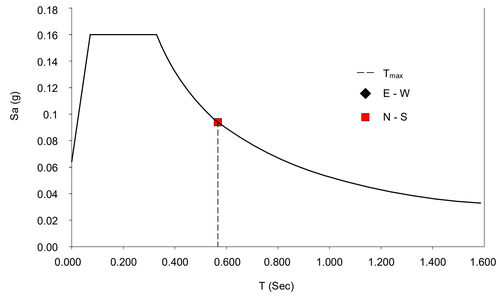
CALCULATED PERIOD:	T_{EW} = 0.334 SEC
USED PERIOD:	$T_{EW\ used}$ = 0.567 SEC

N-S DIRECTION

CALCULATED PERIOD:	T_{NS} = 0.334 SEC
USED PERIOD:	$T_{NS\ used}$ = 0.567 SEC

DESIGN RESPONSE SPECTRUM:

T_L = 6.000 SEC
T_O = 0.0675 SEC
T_S = 0.3375 SEC



EFFECTIVE SEISMIC WEIGHT: W = 8000 KIP

EFFECTIVE SEISMIC WEIGHT, W, INCLUDES:
- CONSTRUCTION DEAD LOAD;
- SUPERIMPOSED DEAD LOAD INCLUDING 15 PSF PARTITION ALLOWANCE AND 40 - 55 PSF CURTAIN WALL ALLOWANCE;
- TOTAL OPERATING WEIGHT OF PERMANENT EQUIPMENT
- 15% OF FLAT-ROOF SNOW LOAD

EQUIVALENT LATERAL FORCE PROCEDURE:

SEISMIC RESPONSE COEFFICIENTS:

E-W DIRECTION
$C_{S\ min}$ = 0.010
C_S = 0.050
$C_{S\ max}$ = 0.030
$C_{S\ used}$ = 0.030

N-S DIRECTION
$C_{S\ min}$ = 0.010
C_S = 0.050
$C_{S\ max}$ = 0.030
$C_{S\ used}$ = 0.030

SEISMIC BASE SHEARS:

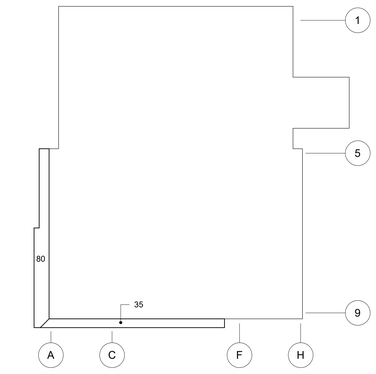
E-W DIRECTION	V_{EW} = 240 KIP
N-S DIRECTION	V_{NS} = 240 KIP

H. SNOW LOADS

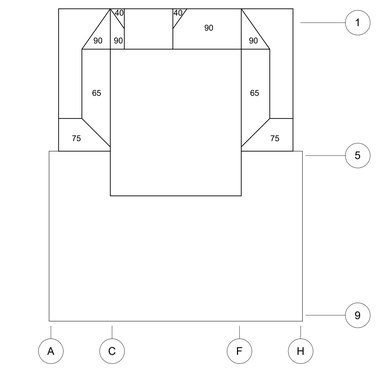
1. SNOW LOADS ARE DETERMINED FROM THE 2025 EXISTING BUILDING CODE OF NEW YORK STATE & ASCE 7-22, BASED ON THE FOLLOWING PARAMETERS:

GROUND SNOW LOAD:	P_g = 79 PSF
SNOW EXPOSURE FACTOR:	C_e = 0.9
FLAT-ROOF SNOW LOAD:	P_f = 58.7 PSF
SNOW DENSITY:	Ψ = 24.3 PCF
SURFACE ROUGHNESS:	B
THERMAL FACTOR:	1.18
RAIN ON SNOW:	0 PSF

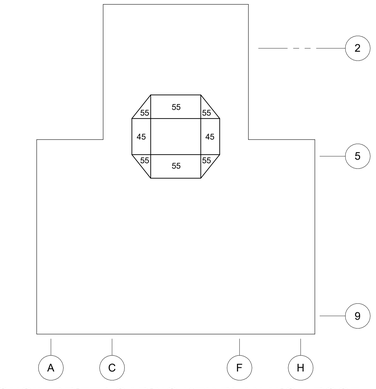
2. THE UNIFORM SNOW LOAD IS 60 PSF.
3. SNOW DRIFTS:



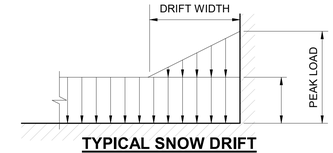
SNOW DRIFT LOADING KEY PLAN 2ND FLOOR TERRACE



SNOW DRIFT LOADING KEY PLAN LOW ROOF



SNOW DRIFT LOADING KEY PLAN HIGH ROOF



TYPICAL SNOW DRIFT

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK — DOUGLAS R. CONOSCENTI — LICENSED PROFESSIONAL ENGINEER — No. 072540

SUCF Project No. 081056-00

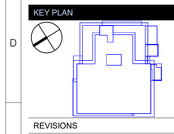
New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: STRUCTURAL DESIGN CRITERIA
SHEET NUMBER: S-011

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

STRUCTURAL DESIGN CRITERIA (CONTINUED)

I. **DEFLECTIONS**

1. UNLESS OTHERWISE NOTED, LIVE LOAD DEFLECTIONS OF BEAMS ARE LIMITED TO SPAN/360 OR 3/4 INCH, WHICHEVER IS SMALLER.

2. LIVE LOAD DEFLECTIONS OF SPANDRELS ARE LIMITED TO SPAN/500 OR 1/2 INCH, WHICHEVER IS SMALLER.

3. BEAMS AND LINTELS SUPPORTING MASONRY (INCLUDING MASONRY PARTITIONS): DEFLECTION DUE TO DEAD PLUS LIVE LOAD IS LIMITED TO SPAN/600 OR 0.3", WHICHEVER IS SMALLER (PER ACI 530, MASONRY STRUCTURES BUILDING CODE).

4. THE NATURAL FREQUENCY OF VIBRATION OF FLOOR BEAMS SHALL BE NO LESS THAN 6 HERTZ.

5. THE TOTAL BUILDING SWAY DEFLECTION IS LIMITED TO THE FOLLOWING:

   a. FOR WIND LOADING: (TOTAL BUILDING HEIGHT) / 500
   b. FOR SEISMIC LOADING: (TOTAL BUILDING HEIGHT) / 100

6. INTERSTORY SHEAR DEFORMATION IS LIMITED TO THE FOLLOWING:

   a. FOR WIND LOADING: (STORY HEIGHT) / 500
   b. FOR SEISMIC LOADING: (STORY HEIGHT) / 100

J. **LOAD COMBINATIONS**

1. DEFINITIONS:

   D = DEAD LOAD
   E = EARTHQUAKE LOAD
   F = LOADS CAUSED BY FLUIDS WITH WELL-DEFINED PRESSURES AND MAXIMUM HEIGHTS OTHER THAN THOSE CAUSED BY GROUNDWATER PRESSURE.
   H = LOAD DUE TO LATERAL EARTH PRESSURE (INCLUDING LATERAL EARTH PRESSURE FROM FIXED OR MOVING SURCHARGE LOADS), GROUND WATER PRESSURE, OR PRESSURE OF BULK MATERIALS
   L = LIVE LOAD
   L_r = ROOF LIVE LOAD
   R = RAIN LOAD
   S = SNOW LOAD
   T = CUMULATIVE EFFECT OF SELF-STRAINING FORCES AND EFFECTS ARISING FROM CONTRACTION OR EXPANSION RESULTING FROM ENVIRONMENTAL OR OPERATION TEMPERATURE CHANGES, SHRINKAGE, MOISTURE CHANGES, CREEP IN COMPONENT MATERIALS, MOVEMENT CAUSED BY DIFFERENTIAL SETTLEMENT, OR COMBINATIONS THEREOF
   W = WIND LOAD

2. FOUNDATION ELEMENTS: SERVICE LOADS AND FORCES (BASED ON ASCE 7-22 & 2025 BCNYS)

   1a. D + F
   2a. D + L + F
   3a. D + (L_r or 0.7 S or R) + F
   4a. D + 0.75 (L) + 0.75 (L_r or 0.7 S or R) + F
   5a. 0.6W + F
   6a. D + 0.75 (0.6W) + 0.75 L + 0.75 (L_r or 0.7 S or R) + F
   7a. 0.6D + 0.6 (W) + F
   8. 1.0D + 0.7 Ev + 0.7 Eh
   9. 1.0D + 0.525 Ev + 0.525 Eh + 0.75 L + 0.1 S
   10. 0.6D - 0.7 Ev + 0.7 Eh

   THE MOST UNFAVORABLE EFFECTS FROM BOTH WIND AND EARTHQUAKE LOADS SHALL BE CONSIDERED, WHERE APPROPRIATE, BUT THEY NEED NOT BE ASSUMED TO ACT SIMULTANEOUSLY.

   WHERE LOADS, H, ARE PRESENT, THEY SHALL BE INCLUDED AS FOLLOWS:

   1. WHERE THE EFFECT OF H ADDS TO THE PRINCIPAL LOAD EFFECT, INCLUDE H WITH A LOAD FACTOR OF 1.0.

   2. WHERE THE EFFECT OF H RESISTS THE PRINCIPAL LOAD EFFECT, INCLUDE H WITH A LOAD FACTOR OF 0.6 WHERE THE LOAD H IS PERMANENT, OR A LOAD FACTOR OF 0 FOR ALL OTHER CONDITIONS.

3. STRUCTURAL STEEL AND CONCRETE ELEMENTS: FACTORED LOADS AND FORCES (Ψ BASED ON ASCE 7-22 AND 2025 BCNYS)

   1a. 1.4 (D + F)
   2a. 1.2 (D + F) + 1.6 (L) + (0.5 L_r or 0.3 S or 0.5 R)
   3a. 1.2 (D + F) + (1.6 L_r or 1.0 S or 1.6 R) + (L or 0.5W)
   4a. 1.2 (D + F) + 1.0 W + L + (0.5 L_r or 0.3 S or 0.5 R)
   5a. 0.9 (D + F) + 1.0 W
   6. 1.2 (D + F) + Ev + Eh + L + 0.15 S
   7. 0.9 (D + F) - Ev+ Eh

   EXCEPTIONS:

   1. THE LOAD FACTOR ON L IN COMBINATIONS 3a, 4a, AND 6 IS PERMITTED TO EQUAL 0.5 FOR ALL OCCUPANCIES IN WHICH L0 IN CHAPTER 4, TABLE 4.3-1, IS LESS THAN OR EQUAL TO 100 PSF WITH THE EXCEPTION OF GARAGES OR AREAS OCCUPIED AS PLACES OF PUBLIC ASSEMBLY.

   2. IN COMBINATIONS 2a, 4a, AND 6, THE COMPANION LOAD, S, SHALL BE TAKEN AS EITHER THE FLAT ROOF SNOW LOAD (pf) OR THE SLOPED ROOF SNOW LOAD (ps).

   EACH RELEVANT STRENGTH LIMIT STATE SHALL BE INVESTIGATED. EFFECTS OF ONE OR MORE LOADS NOT ACTING SHALL BE INVESTIGATED. THE MOST UNFAVORABLE EFFECTS FROM BOTH WIND AND EARTHQUAKE LOADS SHALL BE INVESTIGATED, WHERE APPROPRIATE, BUT THEY NEED NOT BE CONSIDERED TO ACT SIMULTANEOUSLY.

   WHERE LOADS, H, ARE PRESENT, THEY SHALL BE INCLUDED AS FOLLOWS:

   1. WHERE THE EFFECT OF H ADDS TO THE PRINCIPAL LOAD EFFECT, INCLUDE H WITH A LOAD FACTOR OF 1.6.

   2. WHERE THE EFFECT OF H RESISTS THE PRINCIPAL LOAD EFFECT, INCLUDE H WITH A LOAD FACTOR OF 0.9, WHERE THE LOAD H IS PERMANENT, OR A LOAD FACTOR OF 0 FOR ALL OTHER CONDITIONS

K. **STEEL BEAM AND GIRDER CONNECTIONS**

REACTIONS PROVIDED FOR THE DESIGN BY CONTRACTOR OF END CONNECTIONS OF BEAMS AND GIRDERS ARE EQUAL TO 1.2 TIMES THE CALCULATED VERTICAL REACTION TO PROVIDE FOR FUTURE FLEXIBILITY IN THE PLACEMENT OF SUPERIMPOSED LIVE LOADS.

L. **STUD SHEAR CONNECTORS**

FOR UNIFORMLY LOADED COMPOSITE BEAMS, 50% OF THE NUMBER OF STUD SHEAR CONNECTORS REQUIRED TO MEET BEAM STRENGTH ARE PLACED WITHIN A LENGTH EQUAL TO 40% OF THE SPAN AT EACH END OF THE BEAM. ON THE CENTER 20% OF THE SPAN, THE NUMBER OF STUDS PROVIDED EQUALS 10% OF THE TOTAL NUMBER OF STUDS REQUIRED FOR STRENGTH, OR STUDS AT MAXIMUM SPACING, WHICHEVER IS MORE STRINGENT. THIS IS TO PROVIDE FOR FUTURE FLEXIBILITY IN THE PLACEMENT OF SUPERIMPOSED LIVE LOADS.

FOR PURPOSES OF COMPOSITE BEAM DESIGN, THE STUD VALUE IS Ψ KIPS/STUD.

M. **ATTACHMENT OF ENCLOSURES AND SECONDARY SYSTEMS**

UNLESS OTHERWISE SPECIFICALLY NOTED IN THE DRAWINGS THE BASE BUILDING HAS BEEN DESIGNED ASSUMING THAT THE ATTACHMENT OF ALL SECONDARY SYSTEMS, INCLUDING ENCLOSURES AND FACADES, DO NOT IMPOSE ECCENTRIC LOADS ON THE BASE BUILDING STRUCTURAL ELEMENTS. IT IS ASSUMED THAT ANY ECCENTRIC LOADS CREATED BY THE ANCHORAGE OF SECONDARY SYSTEMS SHALL BE NEUTRALIZED BY THE ADDITION OF BRACING OR OTHER MEANS REQUIRED.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R GONZALEZ · 072560 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

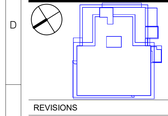
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: STRUCTURAL DESIGN CRITERIA
SHEET NUMBER: S-012

BID SET

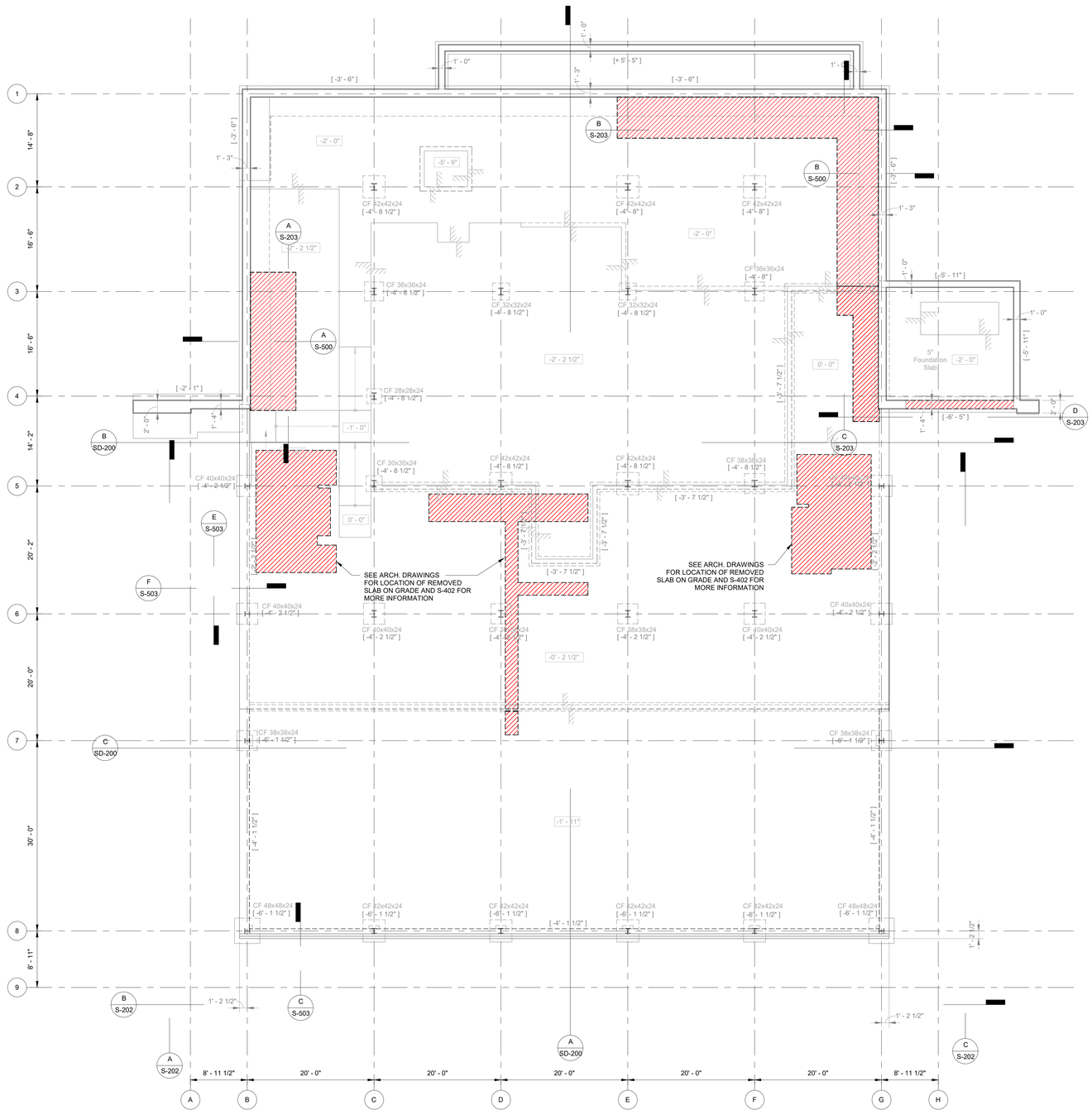
© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:

1. INDICATES REMOVAL OF CONCRETE SLAB ON GROUND. INSTALL NEW SLAB PER S DRAWINGS.



A LEVEL 1 DEMOLITION PLAN

1/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

DOUGLAS R. GONZALEZ — LICENSED PROFESSIONAL ENGINEER — No. 072560 — STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: 1/8" = 1'-0"

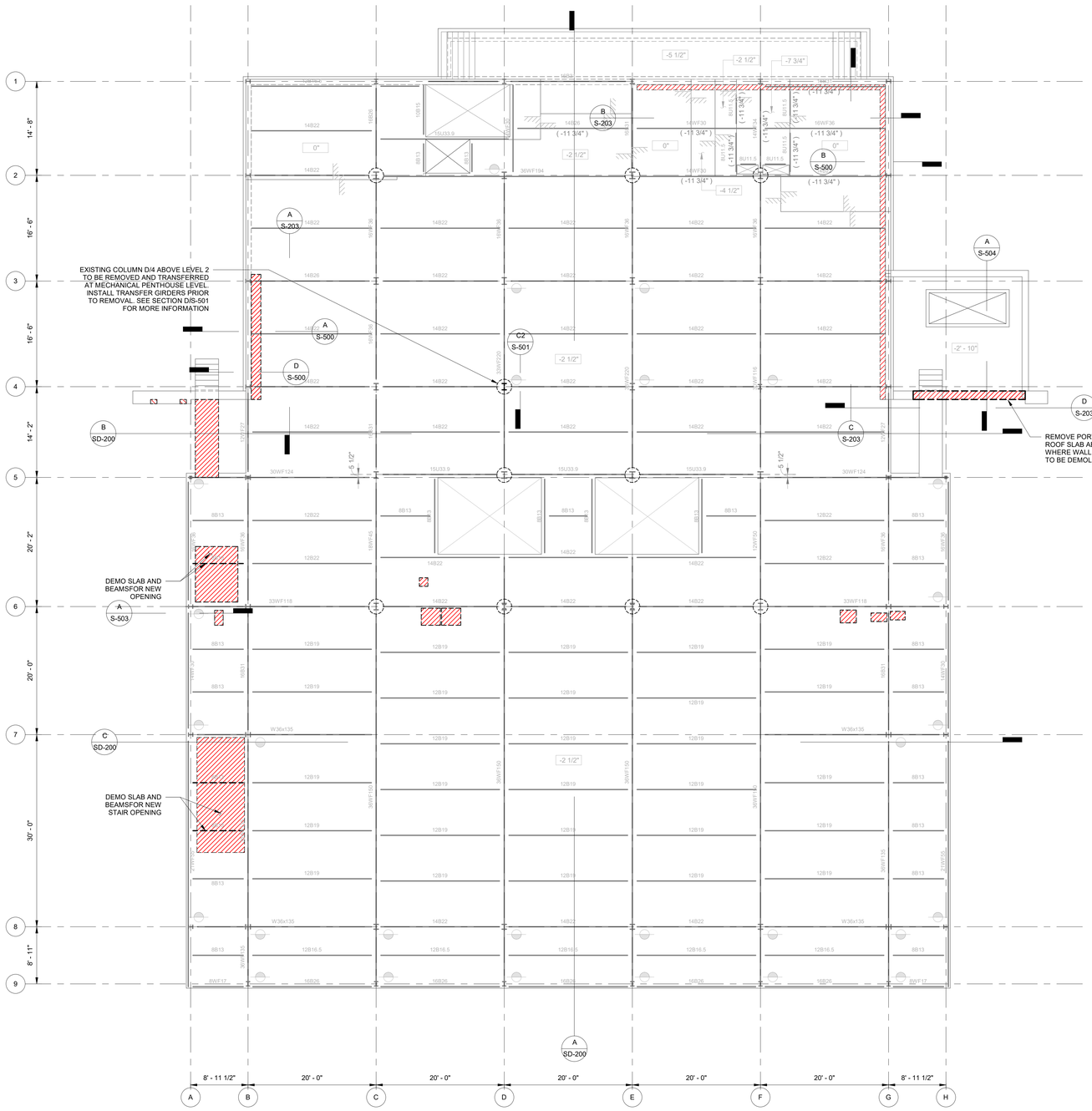
SHEET NAME:
LEVEL 1 DEMOLITION PLAN

SHEET NUMBER:
SD-101

BID SET

NOTES:

1. INDICATES REMOVAL OF CONCRETE SLAB ON DECK. INSTALL NEW SLAB PER S DRAWINGS.
2. INDICATES REMOVAL OF EXISTING STEEL FRAMING. INSTALL NEW STEEL FRAMING PER S DRAWINGS.



A LEVEL 2 DEMOLITION PLAN
1/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · No. 072540 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

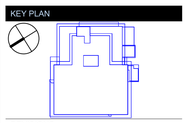
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

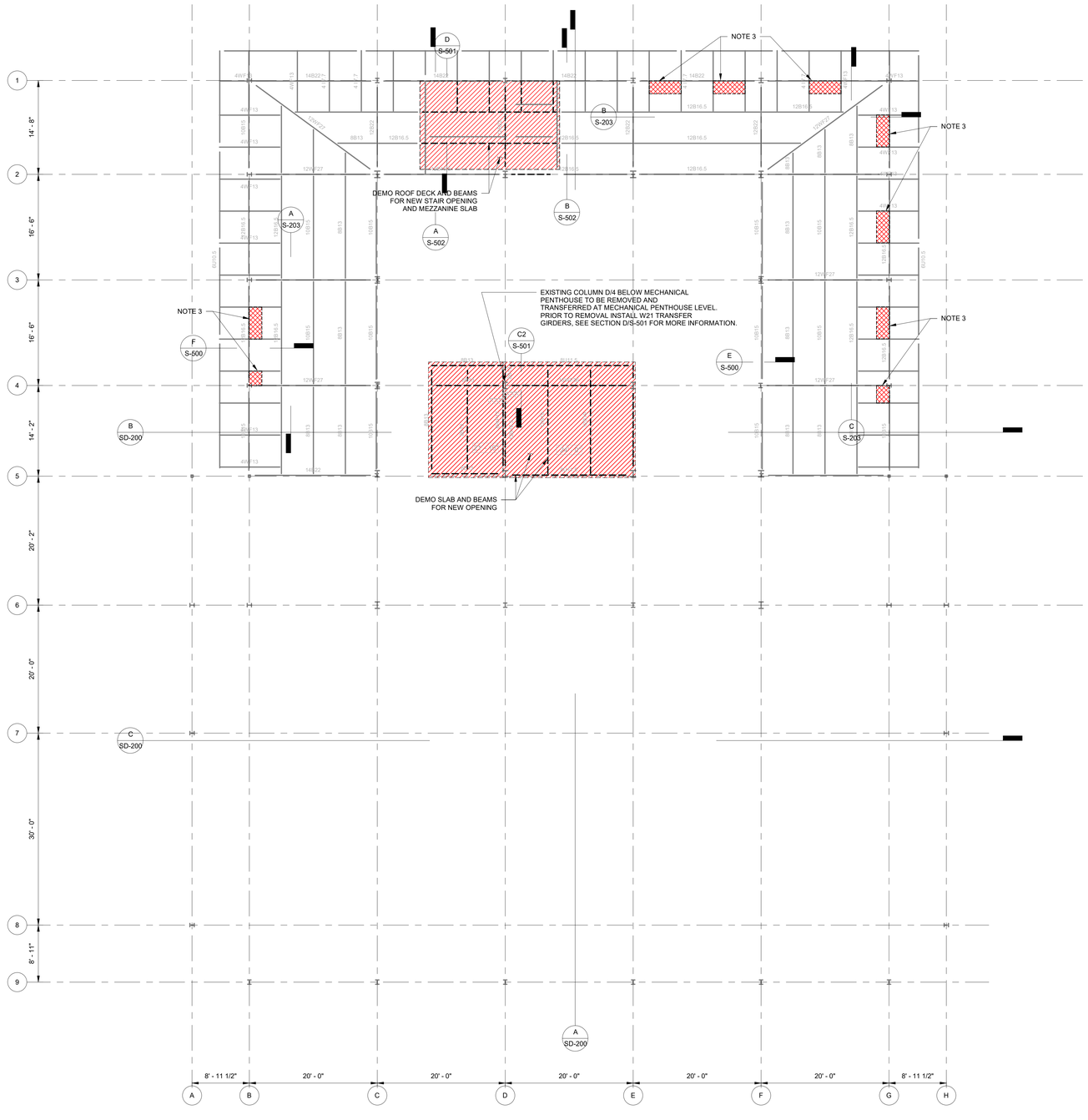
ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME: LEVEL 2 DEMOLITION PLAN
SHEET NUMBER: SD-102

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:

1. INDICATES REMOVAL OF CONCRETE SLAB ON DECK. INSTALL NEW SLAB PER S DRAWINGS.
2. INDICATES REMOVAL OF EXISTING STEEL FRAMING. INSTALL NEW STEEL FRAMING PER S DRAWINGS.
3. INDICATES LOCAL REMOVAL OF THE EXISTING ROOFING AND ROOF DECK FOR PLACEMENT OF CONCRETE DURING SHEAR WALL POURS. DO NOT REMOVE ROOF DECK UNTIL ADDITIONAL STEEL MEMBERS FRAMING OPENINGS ARE INSTALLED. SEE F/S-500 FOR MORE INFORMATION.



A MECHANICAL PENTHOUSE DEMOLITION PLAN

1/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALO · LICENSED PROFESSIONAL ENGINEER · No. 072540

SUCF Project No. 081056-00

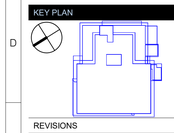
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

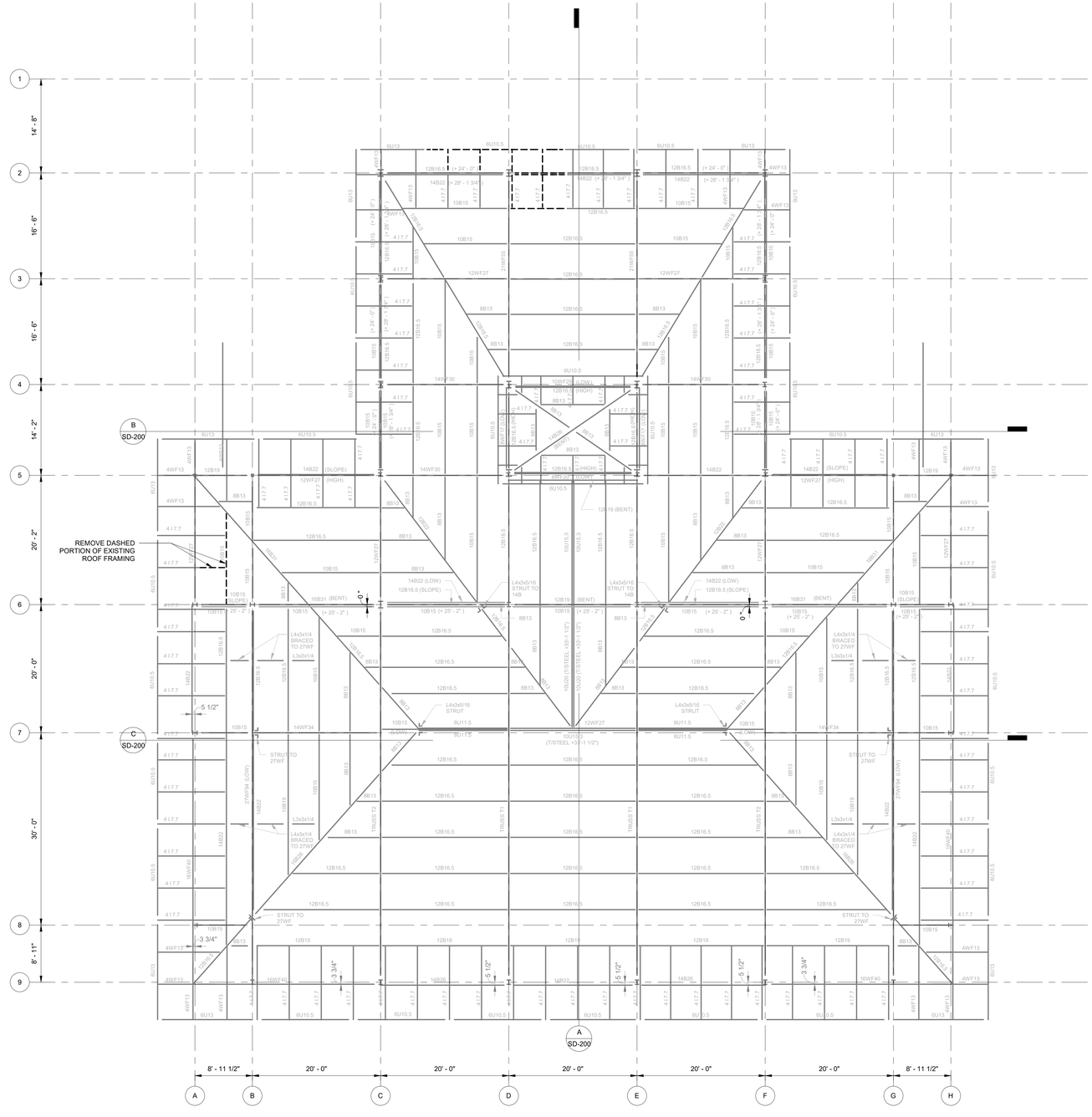
SCALE: 1/8" = 1'-0"

SHEET NAME:
MECHANICAL PENTHOUSE DEMOLITION PLAN

SHEET NUMBER:
SD-103

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



A ROOF DEMOLITION PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · LICENSED PROFESSIONAL ENGINEER · No. 072540

SUCF Project No. 081056-00

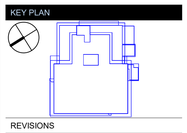
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

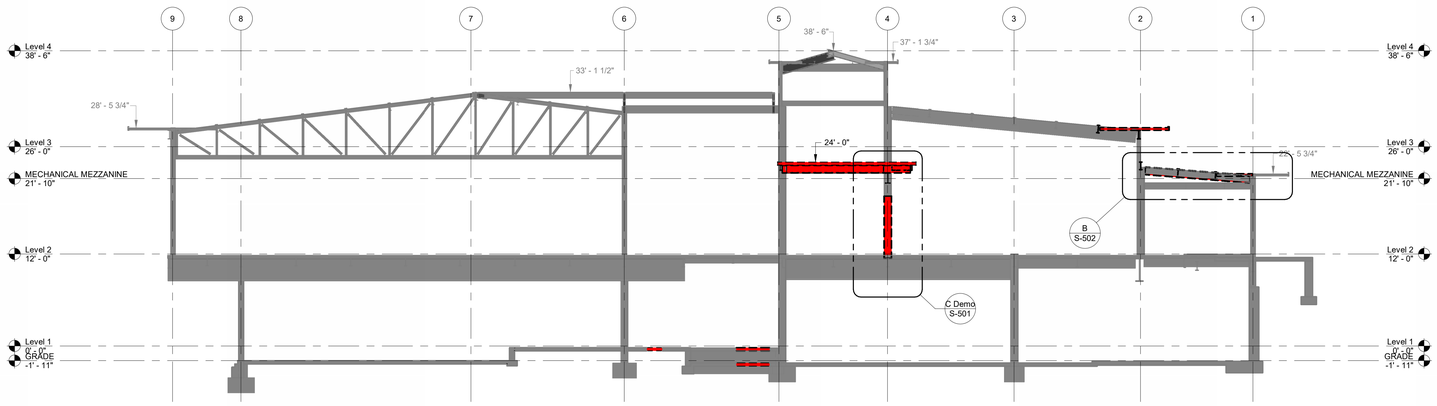
ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
ROOF DEMOLITION PLAN

SHEET NUMBER:
SD-104

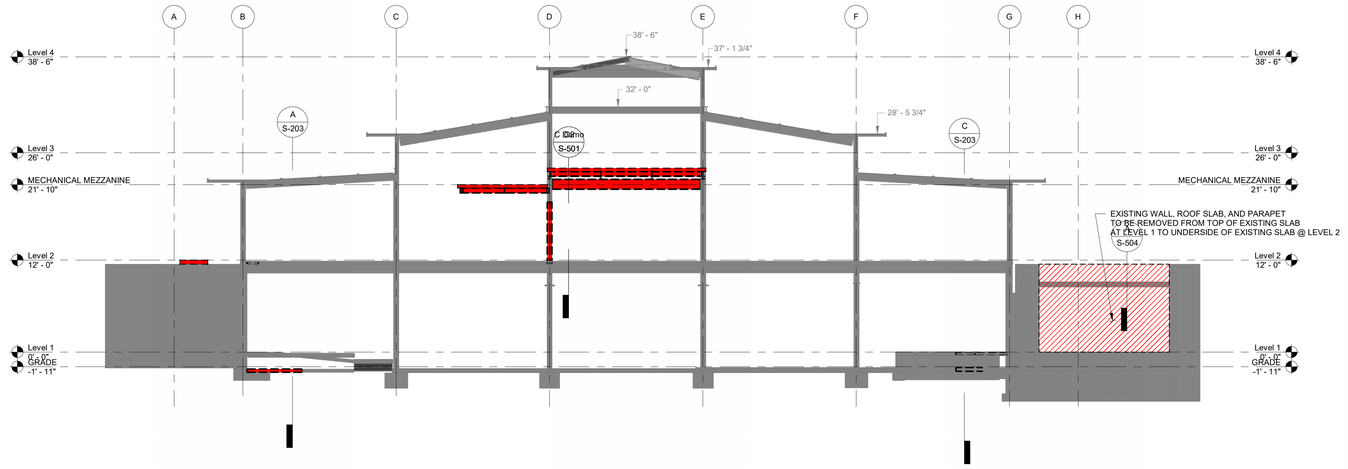
BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

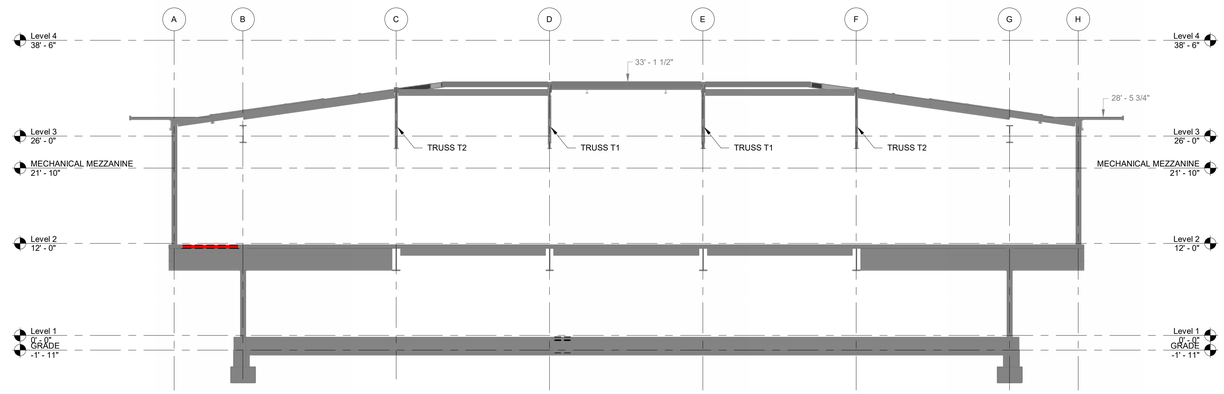
WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



A SECTION BETWEEN GRIDLINES D & E - DEMOLITION
1/8" = 1'-0"



B SECTION ALONG GRIDLINE 4 - DEMOLITION
1/8" = 1'-0"



C SECTION ALONG GRIDLINE 7 - DEMOLITION
1/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

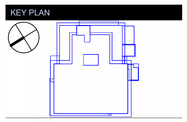
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

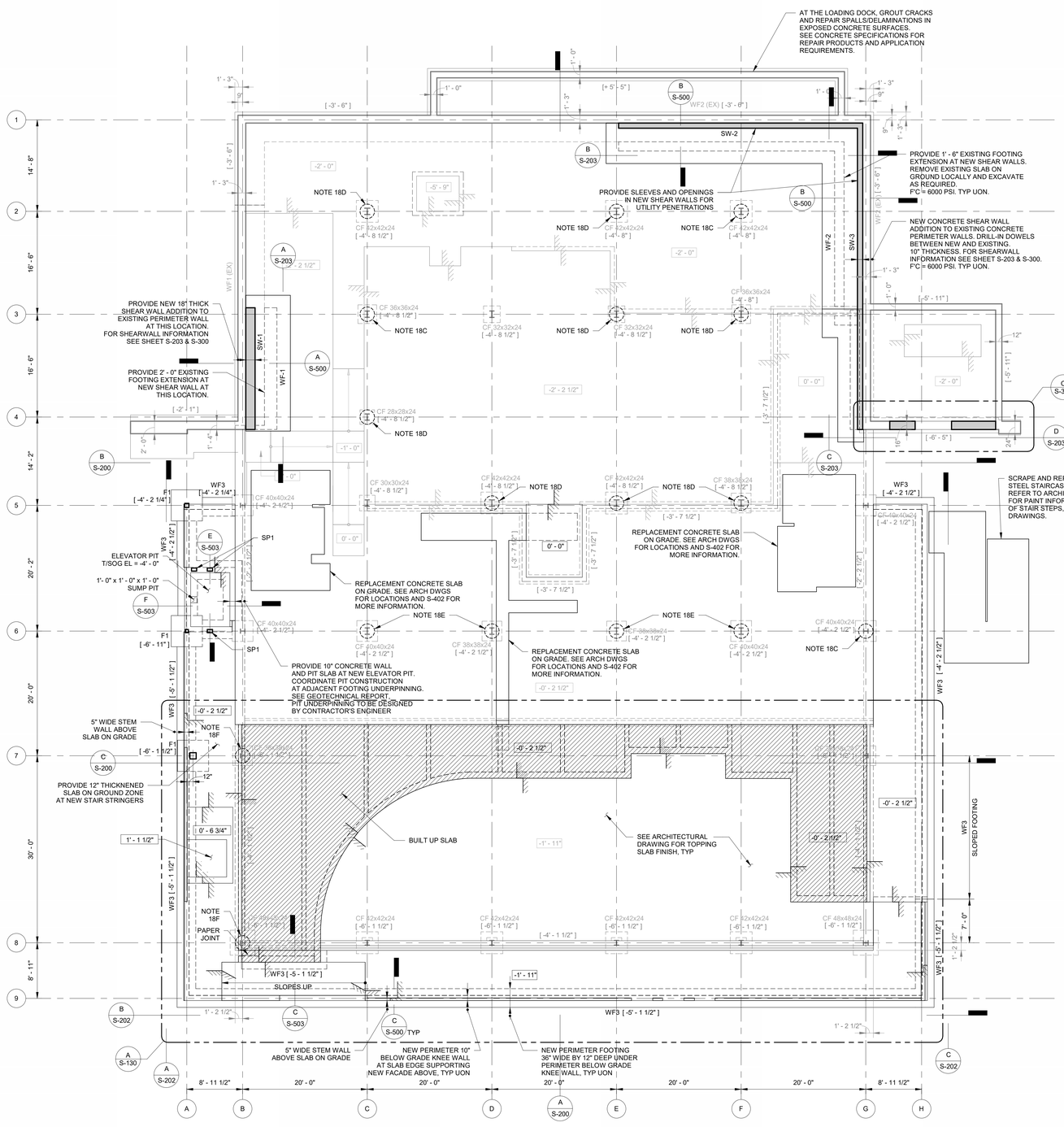
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
BUILDING SECTION - DEMOLITION
SHEET NUMBER:
SD-200

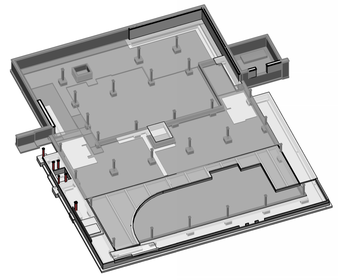
BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



A LEVEL 1 FLOOR PLAN
1/8" = 1'-0"



B

NOTES:

1. THE BUILDING, ITS STRUCTURE AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS, AS PER THE 2025 NEW YORK STATE BUILDING CODE, INCLUDING SEISMIC AND WIND BUILDING SEPARATION PROVISIONS.
2. REFER TO:

   SD-SERIES DRAWINGS FOR DEMOLITION DRAWINGS
   S-SERIES DRAWINGS FOR SUPERSTRUCTURE DRAWINGS

   REFER TO:

   S-001-SERIES DRAWINGS FOR STRUCTURAL NOTES, ABBREVIATIONS, AND DESIGN CRITERIA
   S-100-SERIES DRAWINGS FOR PLANS
   S-200-SERIES DRAWINGS FOR BUILDING SECTIONS AND ELEVATIONS
   S-300-SERIES DRAWINGS FOR SPECIAL STRUCTURES
   S-400-SERIES DRAWINGS FOR TYPICAL DETAILS AND SCHEDULES
   S-500-SERIES DRAWINGS FOR REFERENCED DETAILS AND SECTIONS
3. REFER TO ARCHITECTURAL SLAB EDGE DRAWINGS FOR EDGE OF SLAB, OPENING, TOPPING SLAB, HOUSEKEEPING PAD, AND CURB DIMENSIONS AND TOP OF CONCRETE ELEVATIONS NOT SHOWN. SEE MEP DRAWINGS FOR DUNNAGE AND OTHER MEP SUPPORT REQUIREMENTS. WHERE EQUIPMENT AND OTHER ITEMS SUPPORTED BY STRUCTURE CHANGE, LOCATION OF SUPPORTING STRUCTURE MAY NEED TO BE COORDINATED AND REVISED.
4. TOP OF CONCRETE IS AT REFERENCE ELEVATION + 0' - 0" UNLESS OTHERWISE NOTED XXX, WHERE XXX IS MEASURED RELATIVE TO REFERENCE ELEVATION. REFERENCE ELEVATIONS.
5. CONCRETE STRENGTH AND WEIGHT:

COLUMN FOOTING	F'C=6000 PSI, NW
SHEAR WALLS	F'C=6000 PSI, NW
SLAB-ON-GROUND	F'C=6000 PSI, NW
BUILT-UP SLABS	F'C=4000 PSI, NW
SLAB ON DECK	F'C=4000 PSI, NW

6. BOTTOM OF FOOTING ELEVATION IS NOTED AS [XXX], WHERE XXX IS MEASURED RELATIVE TO REFERENCE ELEVATION
7. STRUCTURAL STEEL SHAPES SHALL BE A992 FY50 UNLESS OTHERWISE NOTES. CONNECTION PLATES SHALL BE FY50
8. FOUNDATIONS SUPPORTING COLUMNS AND SLAB ON GROUND CONSISTS OF SHALLOW FOUNDATION WITH COLUMN, WALL, AND PERIMITER FOOTINGS. SEE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR FOUNDATION REQUIREMENTS.
9. EXISTING STRUCTURE IS SHOWN FADED. NEW STRUCTURE IS SHOWN DARK.
10. ALL EXISTING PERIMETER RETAINING WALL STRUCTURE & FOUNDATION TO REMAIN APART FROM PORTION OF SLAB ON GRADE TO BE REMOVED FOR INSTALLATION OF NEW SHEAR WALLS. SEE SD-101 FOR MORE INFORMATION.
11. EXISTING STRUCTURE INFORMATION IS TAKEN FROM ORIGINAL STRUCTURAL DRAWINGS AND MAY NOT ACCURATELY REPRESENT CURRENT EXISTING CONDITIONS. CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY PROBING, INSPECTIONS & MEASUREMENTS AT TEH SITE AS REQUIRED PRIOR TO COMMENCEMENT OF WORK. WHERE EXISTING CONDITIONS DIFFER FORM THOSE SHOWN HERIN, NOTIFY ARCHITECT & STRUCTURAL ENGINEER.
12. FOLLOW GEOTECHNICAL ENGINEER'S RECOMMENDATIONS REGARDING EXCAVATION OF THE SITE AND SUBGRADE GROUND IMPROVEMENT, AND SPECIFICATIONS. FINAL BEARING SUBGRADES AND THEIR PREPARATION SHALL BE OBSERVED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
13. COLUMNS OCCUR BOTH ABOVE AND BELOW THE FLOOR, UNLESS OTHERWISE NOTED:
    - INDICATES COLUMN BELOW
    - INDICATES COLUMN ABOVE
14. INDICATES BRACED FRAME
15. Ψ INDICATES INFORMATION BEING COORDINATED OR TO BE PROVIDED BY OTHERS.
16. INDICATES BUILT-UP SLAB
17. SP1 = ELEVATOR SEPARATOR POST, HSS 10x6x1/2
18. EXISTING STEEL COLUMN FLANGES TO BE REINFORCED WITH ONE OF THE FOLLOWING A992 GR50 STEEL PLATES FROM LEVEL 1 TO LEVEL 2:
    A) 6"x1/2"
    B) 8"x1/2"
    C) 10"x1/2"
    D) 12"x1/2"
    E) 12"x1"
    F) 12"x1 1/2" (2 PLATES WELDED TO SECTION)

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK — DOUGLAS R. GOSSOW — No. 081056 — LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

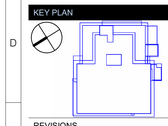
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



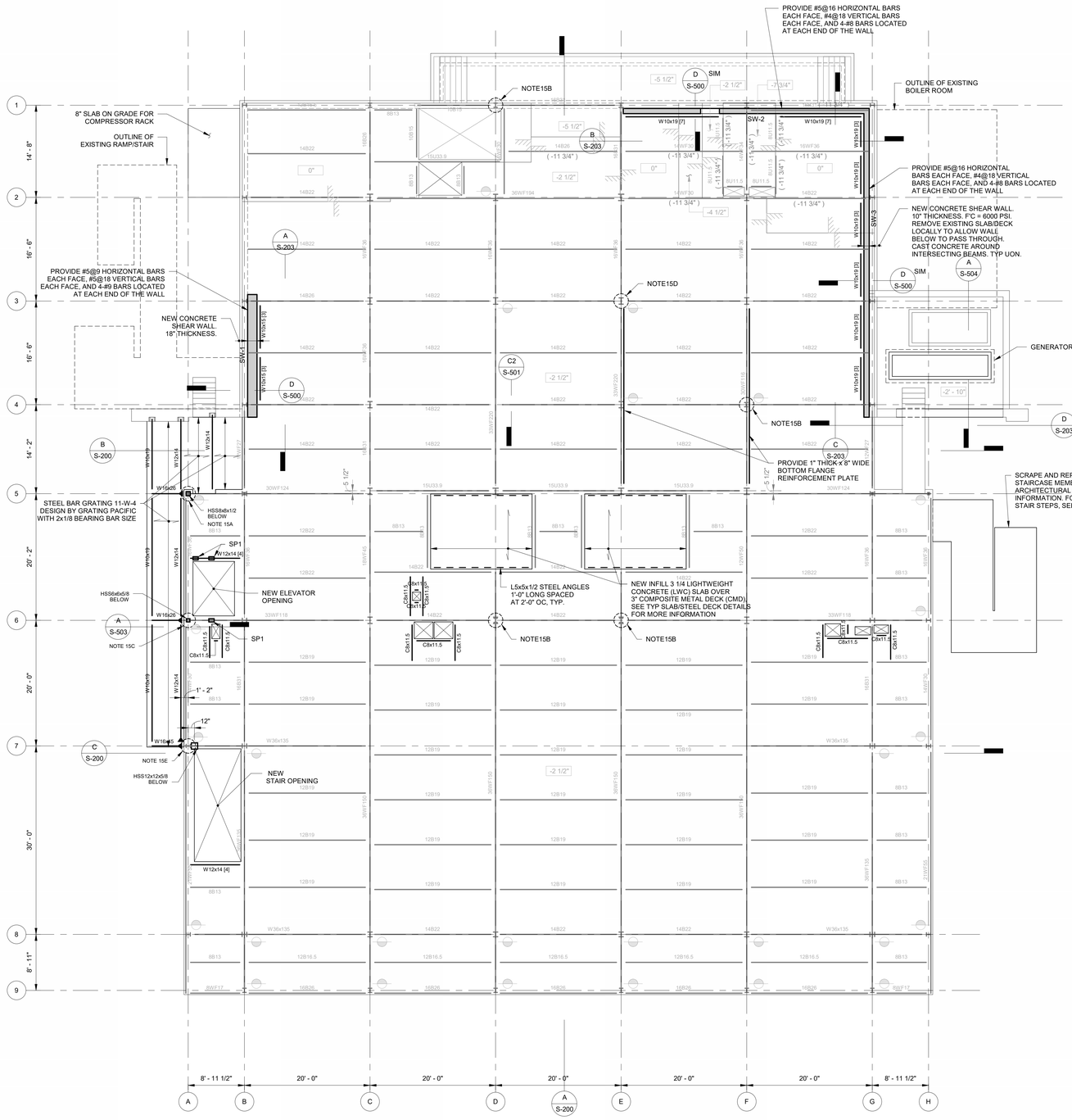
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
LEVEL 1 FLOOR PLAN

SHEET NUMBER:
S-101

BID SET



A LEVEL 2 FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. THE BUILDING, ITS STRUCTURE AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS, AS PER THE 2025 NEW YORK STATE BUILDING CODE, INCLUDING SEISMIC AND WIND BUILDING SEPARATION PROVISIONS.
2. REFER TO:

   SD-SERIES DRAWINGS FOR DEMOLITION DRAWINGS
   S-SERIES DRAWINGS FOR SUPERSTRUCTURE DRAWINGS

   REFER TO:

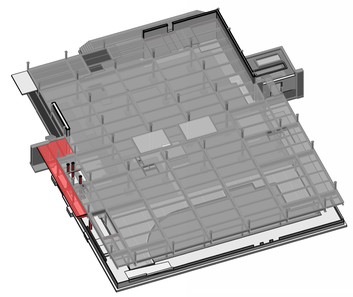
   S-001-SERIES DRAWINGS FOR STRUCTURAL NOTES, ABBREVIATIONS, AND DESIGN CRITERIA
   S-100-SERIES DRAWINGS FOR PLANS
   S-200-SERIES DRAWINGS FOR BUILDING SECTIONS AND ELEVATIONS
   S-300-SERIES DRAWINGS FOR SPECIAL STRUCTURES
   S-400-SERIES DRAWINGS FOR TYPICAL DETAILS AND SCHEDULES
   S-500-SERIES DRAWINGS FOR REFERENCED DETAILS AND SECTIONS
3. REFER TO ARCHITECTURAL SLAB EDGE DRAWINGS FOR EDGE OF SLAB, OPENING, TOPPING SLAB, HOUSEKEEPING PAD, AND CURB DIMENSIONS AND TOP OF CONCRETE ELEVATIONS NOT SHOWN. SEE MEP DRAWINGS FOR DUNNAGE AND OTHER MEP SUPPORT REQUIREMENTS. WHERE EQUIPMENT AND OTHER ITEMS SUPPORTED BY STRUCTURE CHANGE, LOCATION OF SUPPORTING STRUCTURE MAY NEED TO BE COORDINATED AND REVISED.
4. TOP OF CONCRETE IS AT REFERENCE ELEVATION + 11' - 5 1/2" UNLESS OTHERWISE NOTED XXX, WHERE XXX IS MEASURED RELATIVE TO REFERENCE ELEVATION. REFERENCE ELEVATIONS.
5. CONCRETE STRENGTH AND WEIGHT:

SHEAR WALLS	F'C=6000 PSI, NW
SLAB ON DECK	F'C=4000 PSI, NW & LW
6. STRUCTURAL STEEL SHAPES SHALL BE A992 FY50 UNLESS OTHERWISE NOTES. CONNECTION PLATES SHALL BE FY50
7. EXISTING STRUCTURE IS SHOWN FADED. NEW STRUCTURE IS SHOWN DARK.
8. ALL EXISTING STEEL FRAMING STRUCTURE AND CONCRETE SLAB TO REMAIN APART FROM PORTION OF SLAB TO BE REMOVED FOR NEW SHEAR WALLS AND OPENINGS, AND COLUMN D/4 TO BE TRANSFERRED AT THE NEW MECHANICAL MEZZANINE LEVEL. SEE SD-102 FOR MORE INFORMATION.
9. EXISTING STRUCTURE INFORMATION IS TAKEN FROM ORIGINAL STRUCTURAL DRAWINGS AND MAY NOT ACCURATELY REPRESENT CURRENT EXISTING CONDITIONS. CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY PROBING, INSPECTIONS & MEASUREMENTS AT TEH SITE AS REQUIRED PRIOR TO COMMENCEMENT OF WORK. WHERE EXISTING CONDITIONS DIFFER FORM THOSE SHOWN HERIN, NOTIFY ARCHITECT & STRUCTURAL ENGINEER.
10. COLUMNS OCCUR BOTH ABOVE AND BELOW THE FLOOR, UNLESS OTHERWISE NOTED:

    INDICATES COLUMN BELOW

    INDICATES COLUMN ABOVE
11. — — — INDICATES BRACED FRAME
12. NUMBER OF 3/4" STUD SHEAR CONNECTIONS APPLIED TO TOP FLANGE OF BEAM IS NOTED [ ]. STUDS ARE 5.5" LONG UON.
13. Ψ INDICATES INFORMATION BEING COORDINATED OR TO BE PROVIDED BY OTHERS.
14. SP1 = ELEVATOR SEPARATOR POST, HSS 10x6x1/2
15. EXISTING STEEL COLUMN FLANGES TO BE REINFORCED WITH ONE OF THE FOLLOWING A992 GR50 STEEL PLATES FROM THE MEZZANINE LEVEL TO THE MEZZANINE LEVEL:

    A) 6"x1/2"
    B) 8"x1/2"
    C) 10"x1/2"
    D) 12"x1/2"
    E) 10"x3/4"



B

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

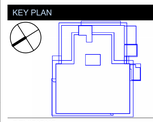
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

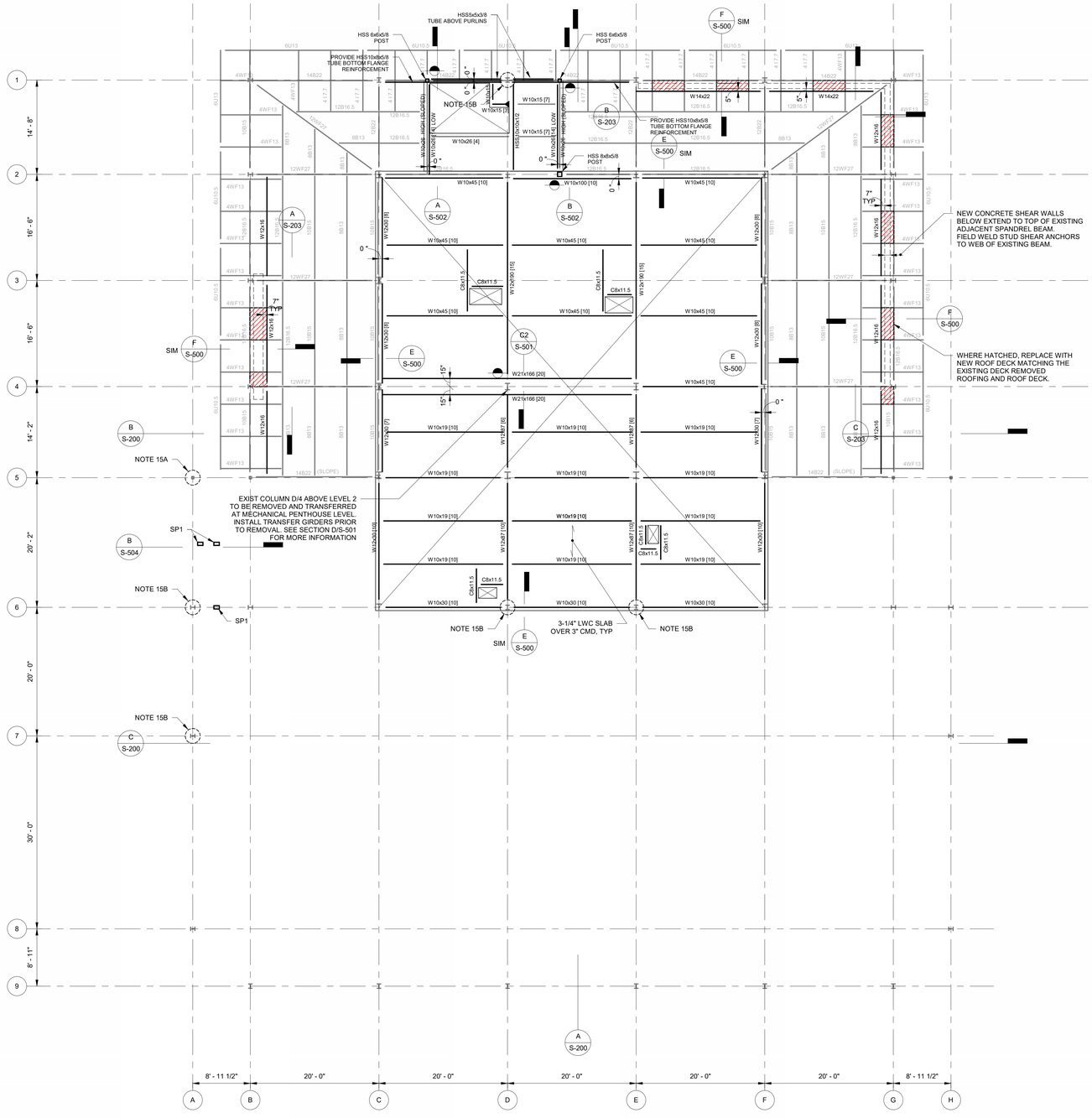


REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME: LEVEL 2 FRAMING PLAN
SHEET NUMBER: S-102

BID SET



A **MECHANICAL PENTHOUSE FRAMING PLAN**
1/8" = 1'-0"

NOTES:

1. THE BUILDING, ITS STRUCTURE AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS, AS PER THE 2025 NEW YORK STATE BUILDING CODE, INCLUDING SEISMIC AND WIND BUILDING SEPARATION PROVISIONS.
2. REFER TO:

   SD-SERIES DRAWINGS FOR DEMOLITION DRAWINGS
   S-SERIES DRAWINGS FOR SUPERSTRUCTURE DRAWINGS

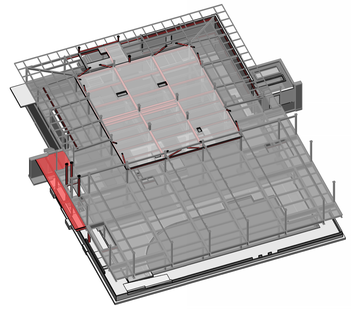
   REFER TO:

   S-001-SERIES DRAWINGS FOR STRUCTURAL NOTES, ABBREVIATIONS, AND DESIGN CRITERIA
   S-100-SERIES DRAWINGS FOR PLANS
   S-200-SERIES DRAWINGS FOR BUILDING SECTIONS AND ELEVATIONS
   S-300-SERIES DRAWINGS FOR SPECIAL STRUCTURES
   S-400-SERIES DRAWINGS FOR TYPICAL DETAILS AND SCHEDULES
   S-500-SERIES DRAWINGS FOR REFERENCED DETAILS AND SECTIONS
3. REFER TO ARCHITECTURAL SLAB EDGE DRAWINGS FOR EDGE OF SLAB, OPENING, TOPPING SLAB, HOUSEKEEPING PAD, AND CURB DIMENSIONS AND TOP OF CONCRETE ELEVATIONS NOT SHOWN. SEE MEP DRAWINGS FOR DUNNAGE AND OTHER MEP SUPPORT REQUIREMENTS. WHERE EQUIPMENT AND OTHER ITEMS SUPPORTED BY STRUCTURE CHANGE, LOCATION OF SUPPORTING STRUCTURE MAY NEED TO BE COORDINATED AND REVISED.
4. TOP OF CONCRETE IS AT REFERENCE ELEVATION + 21' - 10" UNLESS OTHERWISE NOTED XXX, WHERE XXX IS MEASURED RELATIVE TO REFERENCE ELEVATION. REFERENCE ELEVATIONS.
5. CONCRETE STRENGTH AND WEIGHT:

SHEAR WALLS	F'C=6000 PSI, NW
SLAB ON DECK	F'C=4000 PSI, NW & LW
6. STRUCTURAL STEEL SHAPES SHALL BE A992 FY50 UNLESS OTHERWISE NOTES. CONNECTION PLATES SHALL BE FY50
7. EXISTING STRUCTURE IS SHOWN FADED. NEW STRUCTURE IS SHOWN DARK.
8. ALL EXISTING ROOF FRAMING STRUCTURE AND DECK TO REMAIN APART FROM EXISTING MECHANICAL MEZZANINE AND PORTION OF NORTH LOW ROOF DECK AND STEEL FRAMING TO BE REMOVED FOR INSTALLATION OF NEW MECHANICAL MEZZANINE AND STAIRWAY ADDITION. SEE SD-103 FOR MORE INFORMATION.
9. EXISTING STRUCTURE INFORMATION IS TAKEN FROM ORIGINAL STRUCTURAL DRAWINGS AND MAY NOT ACCURATELY REPRESENT CURRENT EXISTING CONDITIONS. CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY PROBING, INSPECTIONS & MEASUREMENTS AT TEH SITE AS REQUIRED PRIOR TO COMMENCEMENT OF WORK. WHERE EXISTING CONDITIONS DIFFER FORM THOSE SHOWN HERIN, NOTIFY ARCHITECT & STRUCTURAL ENGINEER.
10. COLUMNS OCCUR BOTH ABOVE AND BELOW THE FLOOR, UNLESS OTHERWISE NOTED:

    INDICATES COLUMN BELOW
    INDICATES COLUMN ABOVE
11. — — — INDICATES BRACED FRAME
12. NUMBER OF 3/4" STUD SHEAR CONNECTIONS APPLIED TO TOP FLANGE OF BEAM IS NOTED [ ]. STUDS ARE 5.5" LONG UON.
13. Ψ INDICATES INFORMATION BEING COORDINATED OR TO BE PROVIDED BY OTHERS.
14. SP1 = ELEVATOR SEPARATOR POST, HSS 10x6x1/2
15. EXISTING STEEL COLUMN FLANGES TO BE REINFORCED WITH ONE OF THE FOLLOWING A992 GR50 STEEL PLATES FROM THE MEZZANINE LEVEL TO THE MEZZANINE ROOF:

    A) 6"x1/2"
    B) 8"x1/2"
    C) 10"x1/2"
    D) 12"x1/2"



B

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

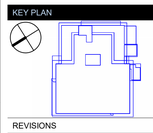
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

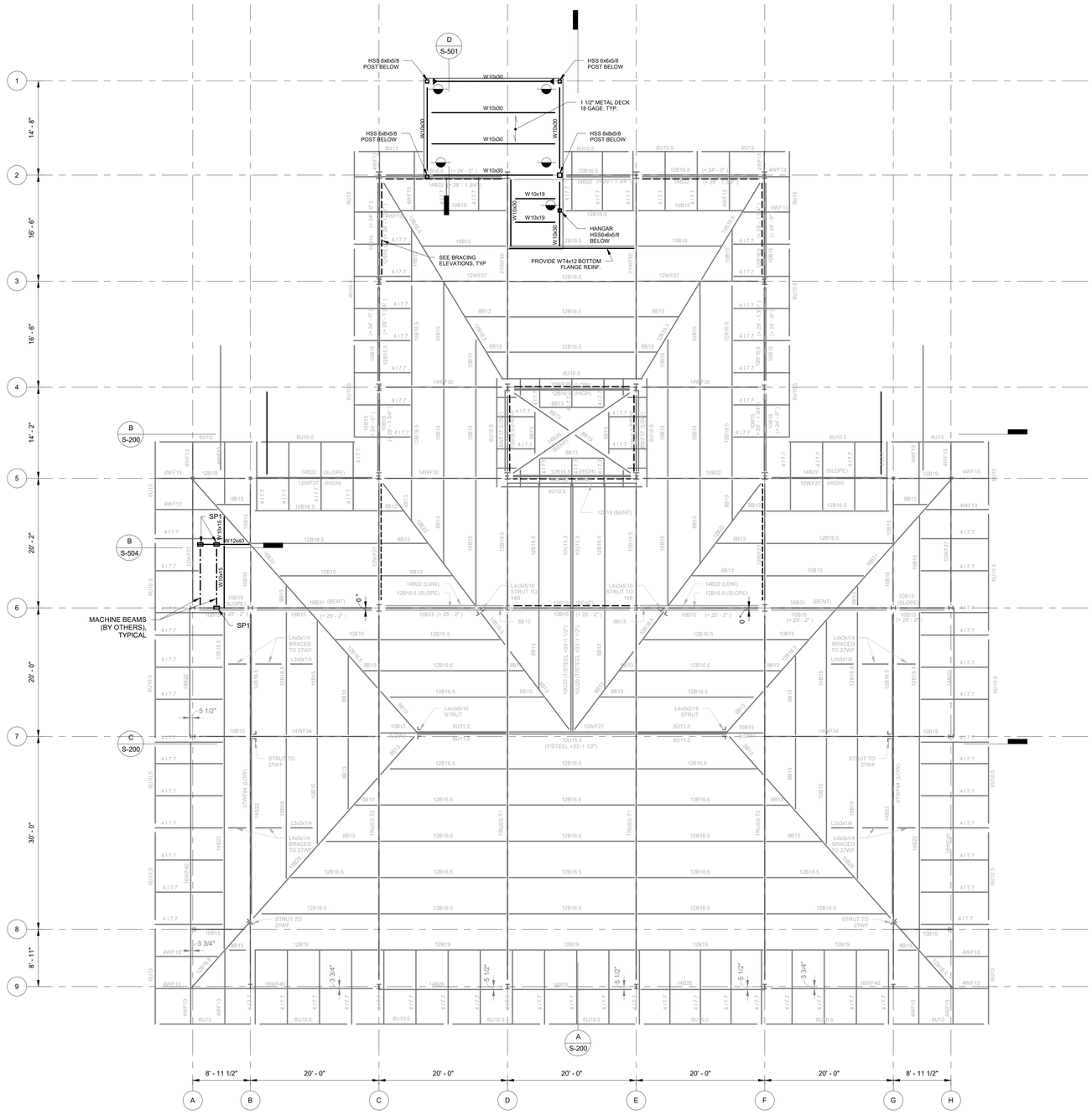
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME: MECHANICAL PENTHOUSE FRAMING PLAN
SHEET NUMBER: S-103

BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



A ROOF FRAMING PLAN
1/8" = 1'-0"

NOTES:

1. THE BUILDING, ITS STRUCTURE AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS, AS PER THE 2025 NEW YORK STATE BUILDING CODE, INCLUDING SEISMIC AND WIND BUILDING SEPARATION PROVISIONS.
2. REFER TO:

   SD-SERIES DRAWINGS FOR DEMOLITION DRAWINGS
   S-SERIES DRAWINGS FOR SUPERSTRUCTURE DRAWINGS

   REFER TO:

   S-001-SERIES DRAWINGS FOR STRUCTURAL NOTES, ABBREVIATIONS, AND DESIGN CRITERIA
   S-100-SERIES DRAWINGS FOR PLANS
   S-200-SERIES DRAWINGS FOR BUILDING SECTIONS AND ELEVATIONS
   S-300-SERIES DRAWINGS FOR SPECIAL STRUCTURES
   S-400-SERIES DRAWINGS FOR TYPICAL DETAILS AND SCHEDULES
   S-500-SERIES DRAWINGS FOR REFERENCED DETAILS AND SECTIONS
3. REFER TO ARCHITECTURAL SLAB EDGE DRAWINGS FOR EDGE OF SLAB, OPENING, TOPPING SLAB, HOUSEKEEPING PAD, AND CURB DIMENSIONS AND TOP OF CONCRETE ELEVATIONS NOT SHOWN. SEE MEP DRAWINGS FOR DUNNAGE AND OTHER MEP SUPPORT REQUIREMENTS. WHERE EQUIPMENT AND OTHER ITEMS SUPPORTED BY STRUCTURE CHANGE, LOCATION OF SUPPORTING STRUCTURE MAY NEED TO BE COORDINATED AND REVISED.
4. TOP OF CONCRETE IS AT REFERENCE ELEVATION + 29' - 6" UNLESS OTHERWISE NOTED XXX, WHERE XXX IS MEASURED RELATIVE TO REFERENCE ELEVATION. REFERENCE ELEVATIONS.
5. STRUCTURAL STEEL SHAPES SHALL BE A992 FY50 UNLESS OTHERWISE NOTES. CONNECTION PLATES SHALL BE FY50
6. EXISTING STRUCTURE IS SHOWN FADED. NEW STRUCTURE IS SHOWN DARK.
7. ALL EXISTING PERIMETER RETAINING WALL STRUCTURE & FOUNDATION TO REMAIN APART FROM PORTION OF SLAB ON GRADE TO BE REMOVED FOR INSTALLATION OF NEW SHEAR WALLS. SEE SD-101 FOR MORE INFORMATION.
8. ALL EXISTING ROOF FRAMING STRUCTURE AND DECK TO REMAIN APART FROM EXISTING PORTION OF NORTH HIGH ROOF DECK AND STEEL FRAMING TO BE REMOVED FOR INSTALLATION OF STAIRWAY ADDITION. SEE SD-200 FOR MORE INFORMATION.
9. COLUMNS OCCUR BOTH ABOVE AND BELOW THE FLOOR, UNLESS OTHERWISE NOTED:
   - INDICATES COLUMN BELOW
   - INDICATES COLUMN ABOVE
10. INDICATES BRACED FRAME
11. Ψ INDICATES INFORMATION BEING COORDINATED OR TO BE PROVIDED BY OTHERS.
12. SP1 = ELEVATOR SEPARATOR POST, HSS 10x6x1/2

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. CONDICO · 102560 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

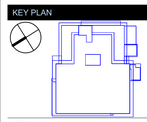
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

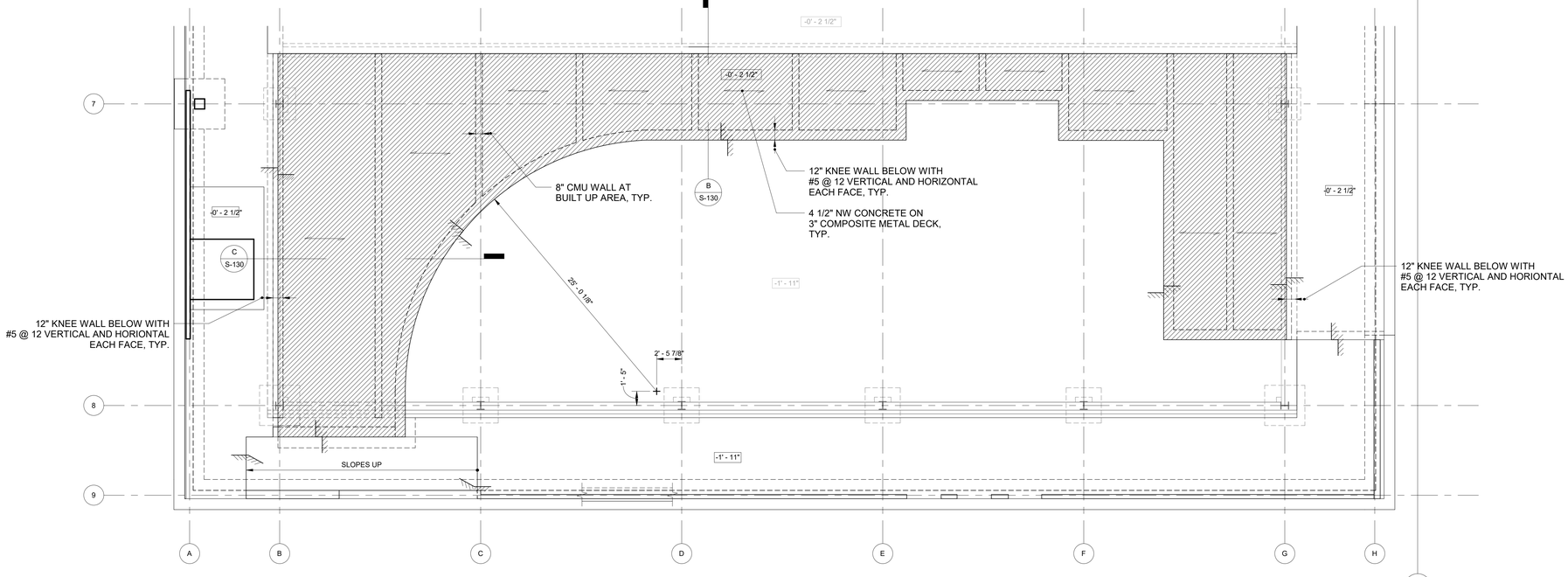


REVISIONS

No.	Description	Date

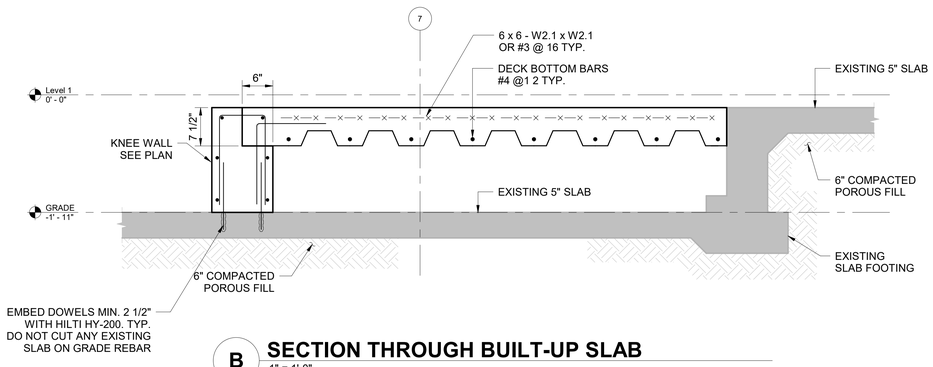
ISSUED: BID SET
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME: ROOF FRAMING PLAN
SHEET NUMBER: S-104

BID SET



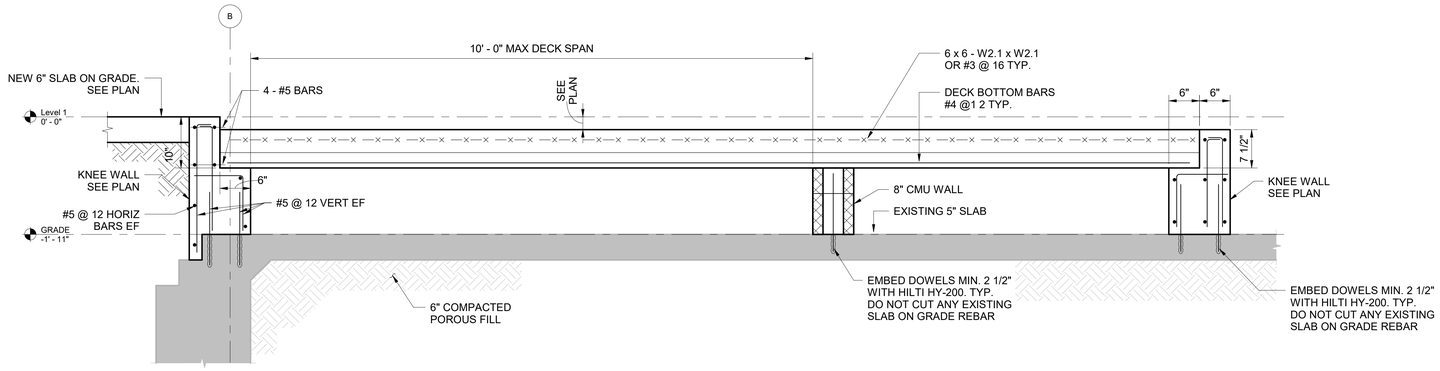
A BULT UP SLAB PLAN

3/16" = 1'-0"



B SECTION THROUGH BUILT-UP SLAB

1" = 1'-0"



C TYP SECTION THROUGH BUILT-UP SLAB

1" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONCZY · 072628 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

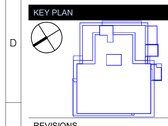
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

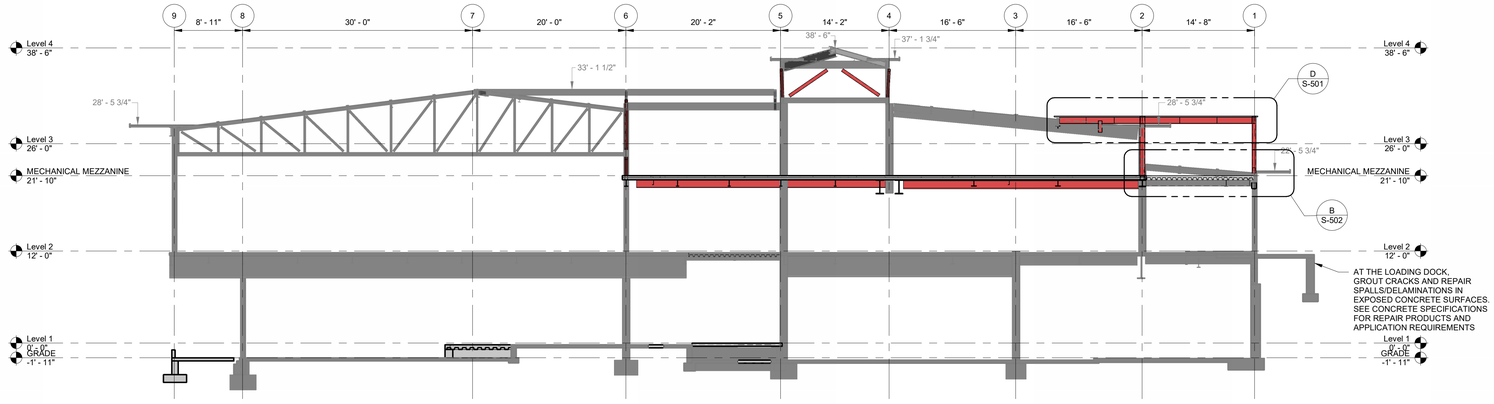
DATE: 08/17/2026

SCALE: As indicated

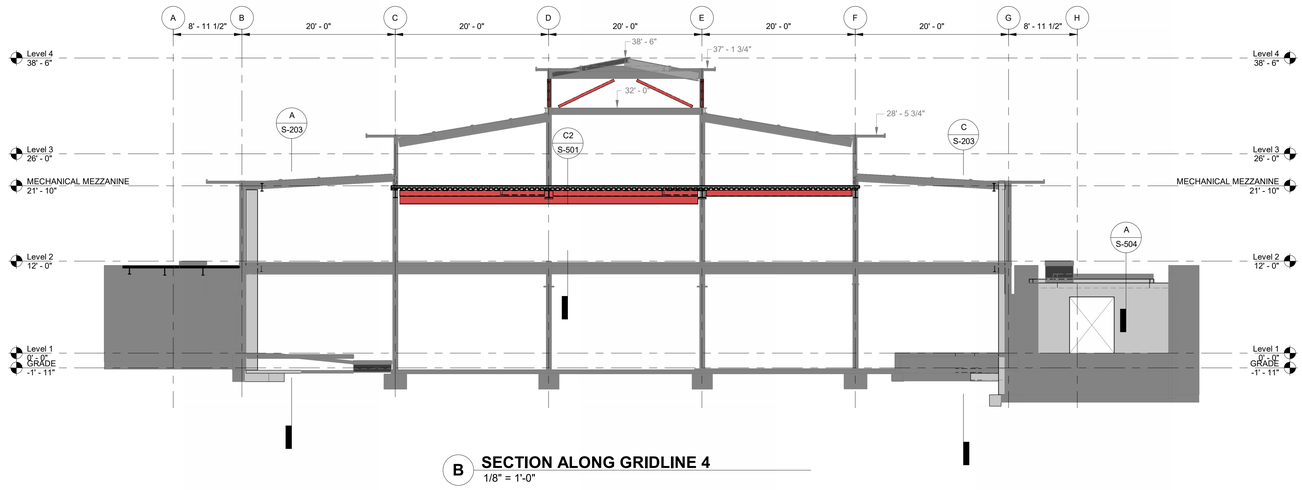
SHEET NAME:
BUILT UP SLAB PLAN
AND DETAILS

SHEET NUMBER:
S-130

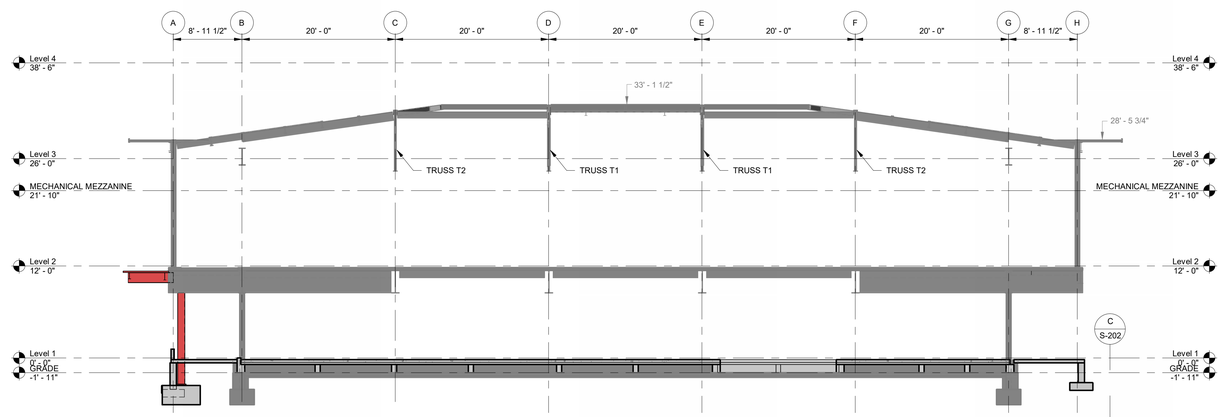
BID SET



A **SECTION BETWEEN GRIDLINES D & E**
1/8" = 1'-0"



B **SECTION ALONG GRIDLINE 4**
1/8" = 1'-0"



C **SECTION ALONG GRIDLINE 7**
1/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GIBSON · LICENSED PROFESSIONAL ENGINEER · No. 072560

SUCF Project No. 081056-00

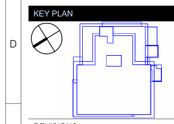
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

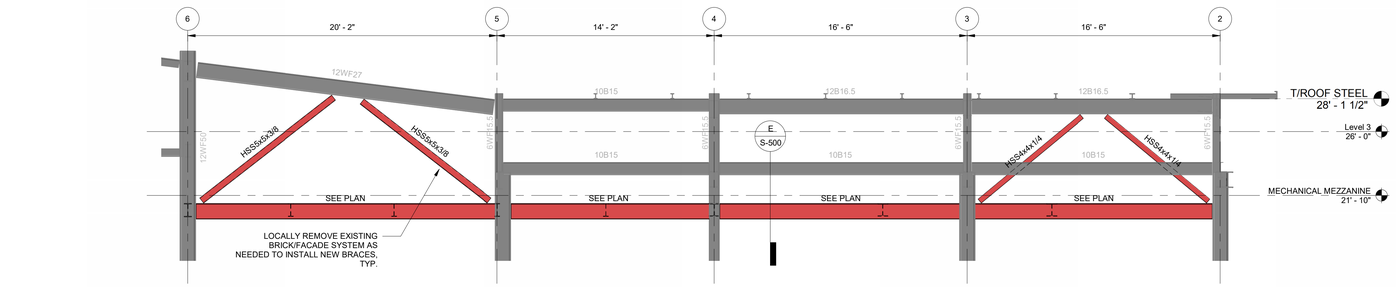
SCALE: 1/8" = 1'-0"

SHEET NAME:
BUILDING SECTIONS

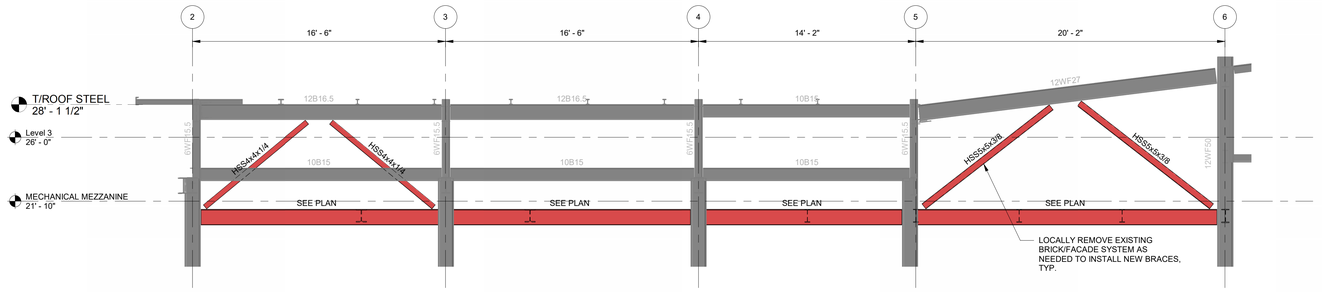
SHEET NUMBER:
S-200

BID SET

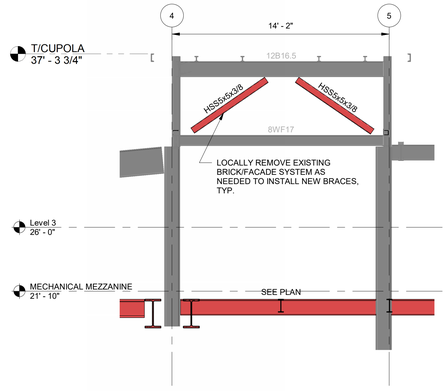
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



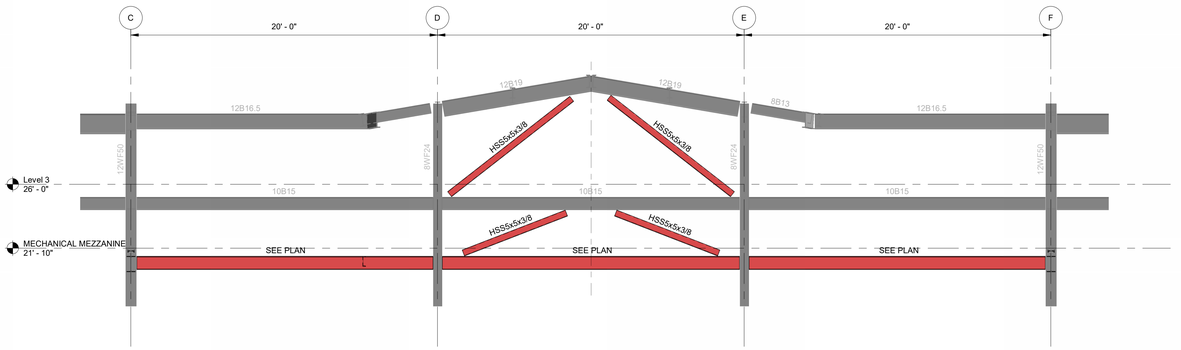
A BRACING ELEVATION ALONG GRIDLINE F
1/4" = 1'-0"



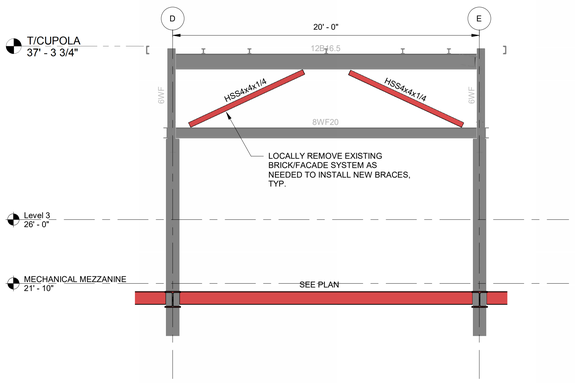
B BRACING ELEVATION ALONG GRIDLINE C
1/4" = 1'-0"



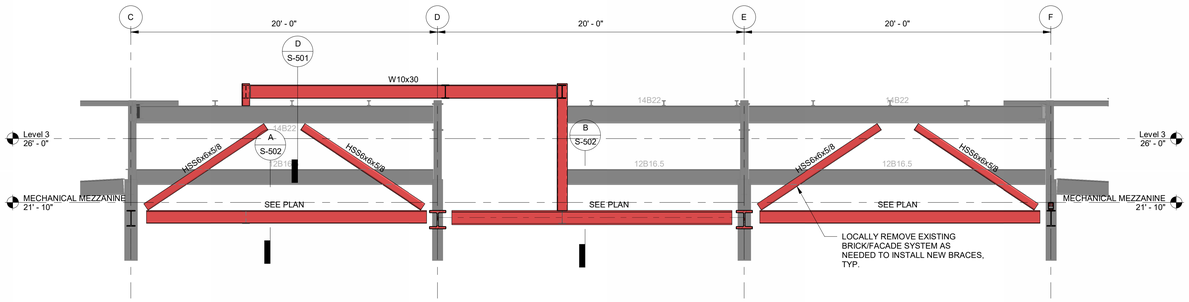
E BRACING ELEVATION ALONG GRIDLINE D & E
1/4" = 1'-0"



C BRACING ELEVATION ALONG GRIDLINE 6
1/4" = 1'-0"



F BRACING ELEVATION ALONG GRIDLINE 4 & 5
1/4" = 1'-0"



D BRACING ELEVATION ALONG GRIDLINE 2
1/4" = 1'-0"

NOTES :

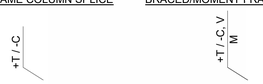
1. STRUCTURAL STEEL SHAPES SHALL BE FY50 UNLESS OTHERWISE NOTED. CONNECTION PLATES SHALL BE FY50 UON.
2. CONNECTION PLATES, GUSSET, STIFFENERS, BASE PLATES, AND THE LIKE ARE NOT SHOWN IN BRACING ELEVATION. REFER TO TYPICAL AND REFERENCED CONNECTION DETAILS.
3. SEE PLAN FOR BEAM CONNECTION FORCES ADJACENT TO BRACED FRAMES.
4. MEMBER FORCES SHOWN ARE FACTORED LOADS IN KIPS FOR AXIAL AND VERTICAL REACTION FORCES AND FOOT -KIP FOR MOMENTS.

   AXIAL FORCES IN BRACES ARE SHOWN THUS (+X/-X,) WHERE IS THE LOAD IN THE BRACE + INDICATES TENSION, AND - INDICATES COMPRESSION.

   FOR DESCRIPTION OF END REACTIONS IN HORIZONTAL BEAM MEMBER, REFER TO STRUCTURAL NOTES S-103.

   FORCES AND MOMENTS IN COLUMN SPLICES ARE SHOWN THUS:

   BRACED FRAME COLUMN SPLICE — BRACED/MOMENT FRAME COLUMN SPLICE

   WHERE:
   + T IS TENSION FORCE AT THE SPLICE.
   - C IS THE COMPRESSION FORCE AT THE SPLICE.
   V IS THE SHEAR FORCE AT THE SPLICE.
   M IS THE MOMENT AT THE SPLICE. 40 PERCENT OF THE MOMENT CAPACITY OF THE COLUMN SHALL BE DEVELOPED, UON
5. REFER TO COLUMN SPLICE TYPICAL DETAILS FOR SPLICE LOCATIONS, UON.
6. CONTRACTOR SHALL PROPORTION ALL CONNECTIONS PER THE TYPICAL AND REFERENCED DETAILS FOR THE PRESCRIBED FORCES.
7. PERPENDICULAR MEMBERS ARE NOT SHOWN FOR CLARITY.
8. LINES SHOWN IN ELEVATIONS INDICATE CENTERLINE OF MEMBERS.
9. BPX: INDICATES COLUMN BASE PLATE. SEE SCHEDULE IN S-406.
10. VERTICAL SERVICE LEVEL LOAD REACTIONS AT BASE OF COLUMNS, IN KIPS, ARE SHOWN THUS:

    D: DEAD LOAD
    LL: LIVE LOAD
    S: SNOW LOAD
    LL: LIVE LOAD
    WL: WIND LOAD
    EQ: SEISMIC LOAD

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK — DOUGLAS R. GONZALEZ — LICENSED PROFESSIONAL ENGINEER — No. 072540

SUCF Project No. 081056-00

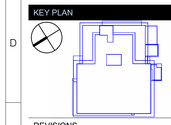
New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

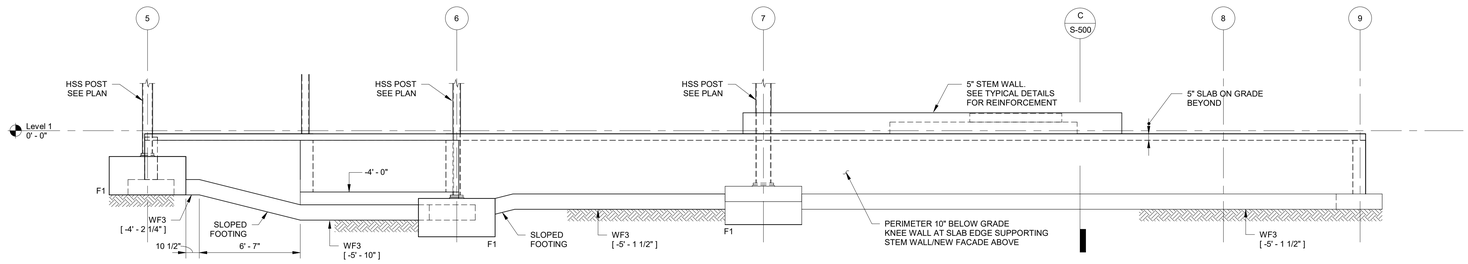
ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME:
BRACE ELEVATIONS

SHEET NUMBER:
S-201

BID SET

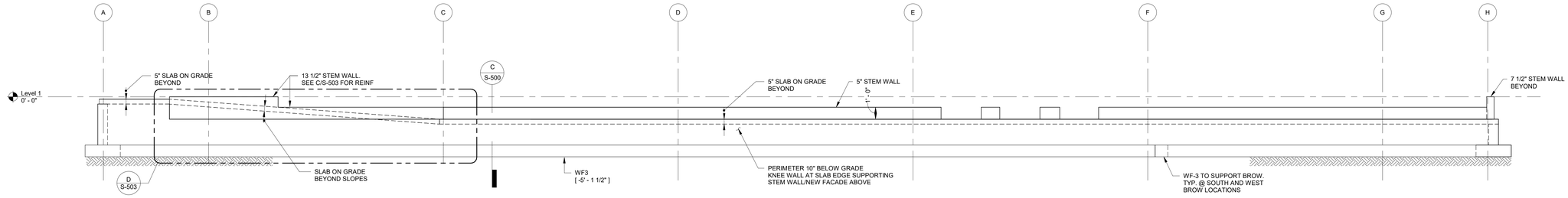
© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



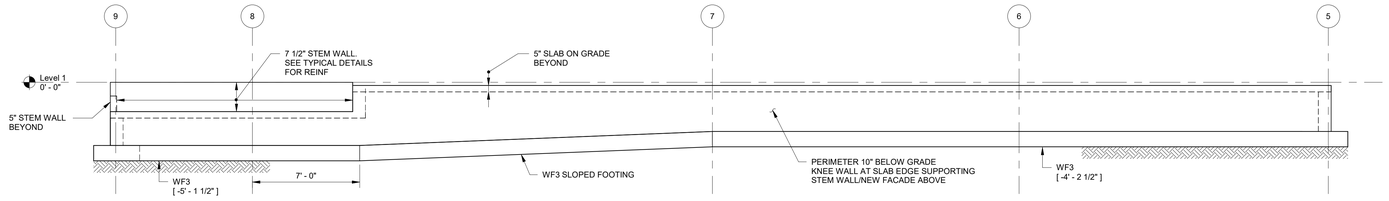
A NORTH EXTERIOR PERIMETER ELEVATION

1/4" = 1'-0"



B WEST EXTERIOR PERIMETER ELEVATION

1/4" = 1'-0"



C SOUTH EXTERIOR PERIMETER ELEVATION

1/4" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R GONZALEZ · LICENSED PROFESSIONAL ENGINEER · No. 072540

SUCF Project No. 081056-00

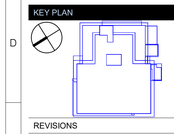
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: 1/4" = 1'-0"

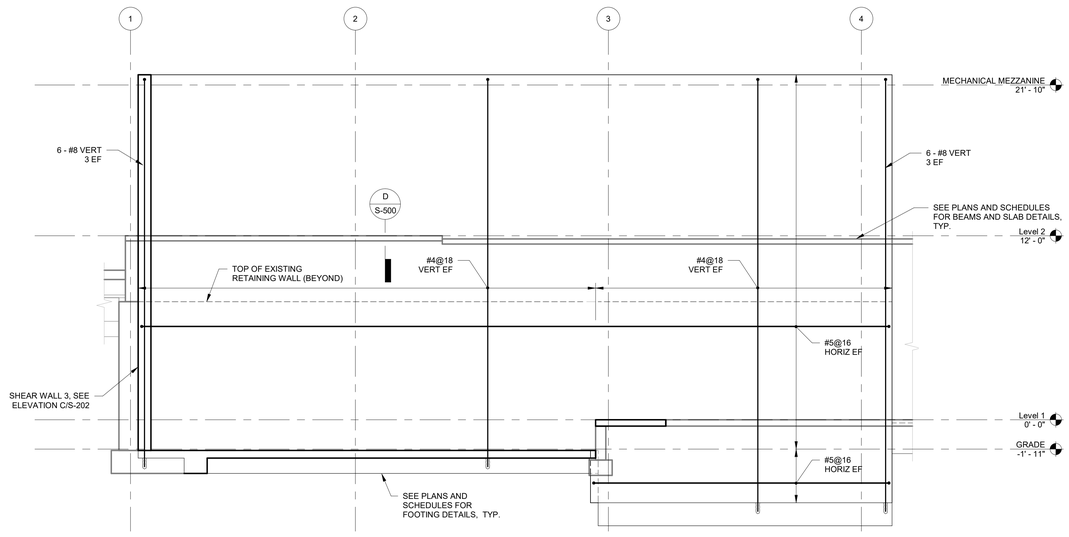
SHEET NAME:
SLAB EDGE PERIMETER ELEVATIONS

SHEET NUMBER:
S-202

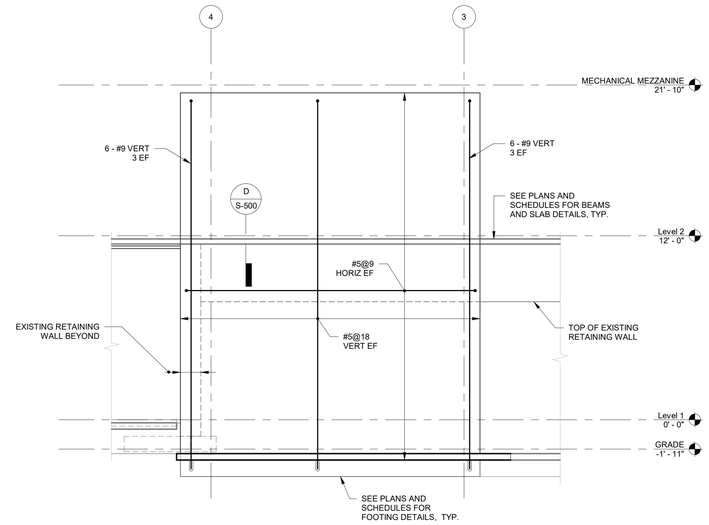
BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

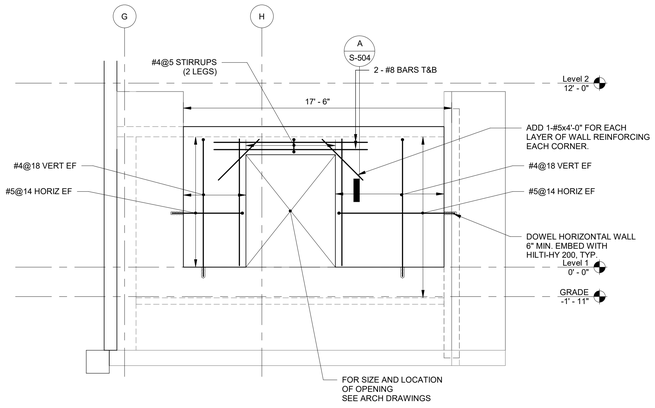
WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



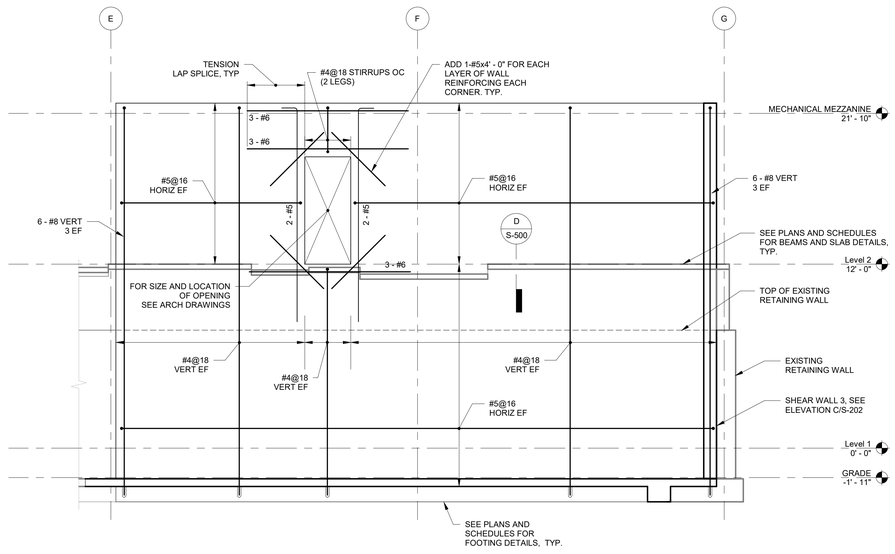
C **SHEAR WALL 3 ELEVATION**
1/4" = 1'-0"



A **SHEAR WALL 1 ELEVATION**
1/4" = 1'-0"



D **ELECTRICAL CONCRETE WALL INFILL ELEVATION**
1/4" = 1'-0"



B **SHEAR WALL 2 ELEVATION**
1/4" = 1'-0"

NOTES:

1. ADDITIONAL REINFORCEMENT SHOWN IS IN ADDITION TO TYPICAL REINFORCEMENT CALLED OUT IN PLAN.
2. FOR SHEAR WALL REINFORCEMENT PLAN SEE SHEET S-300

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK
GUSTAVO R GONZALEZ
No. 072540
LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

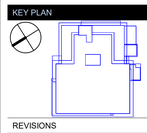
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

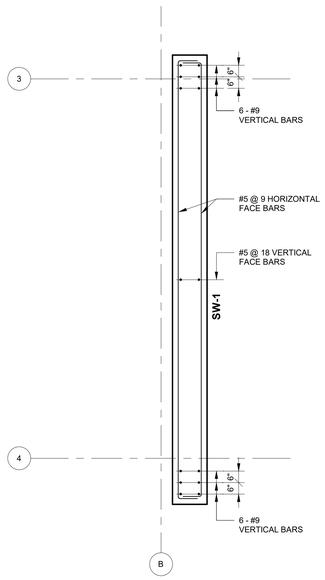
SCALE: 1/4" = 1'-0"

SHEET NAME:
SHEAR WALL ELEVATIONS

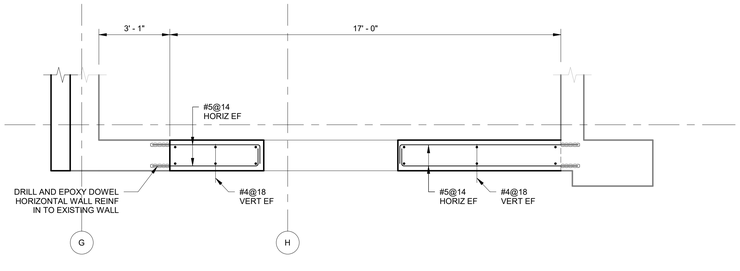
SHEET NUMBER:
S-203

BID SET

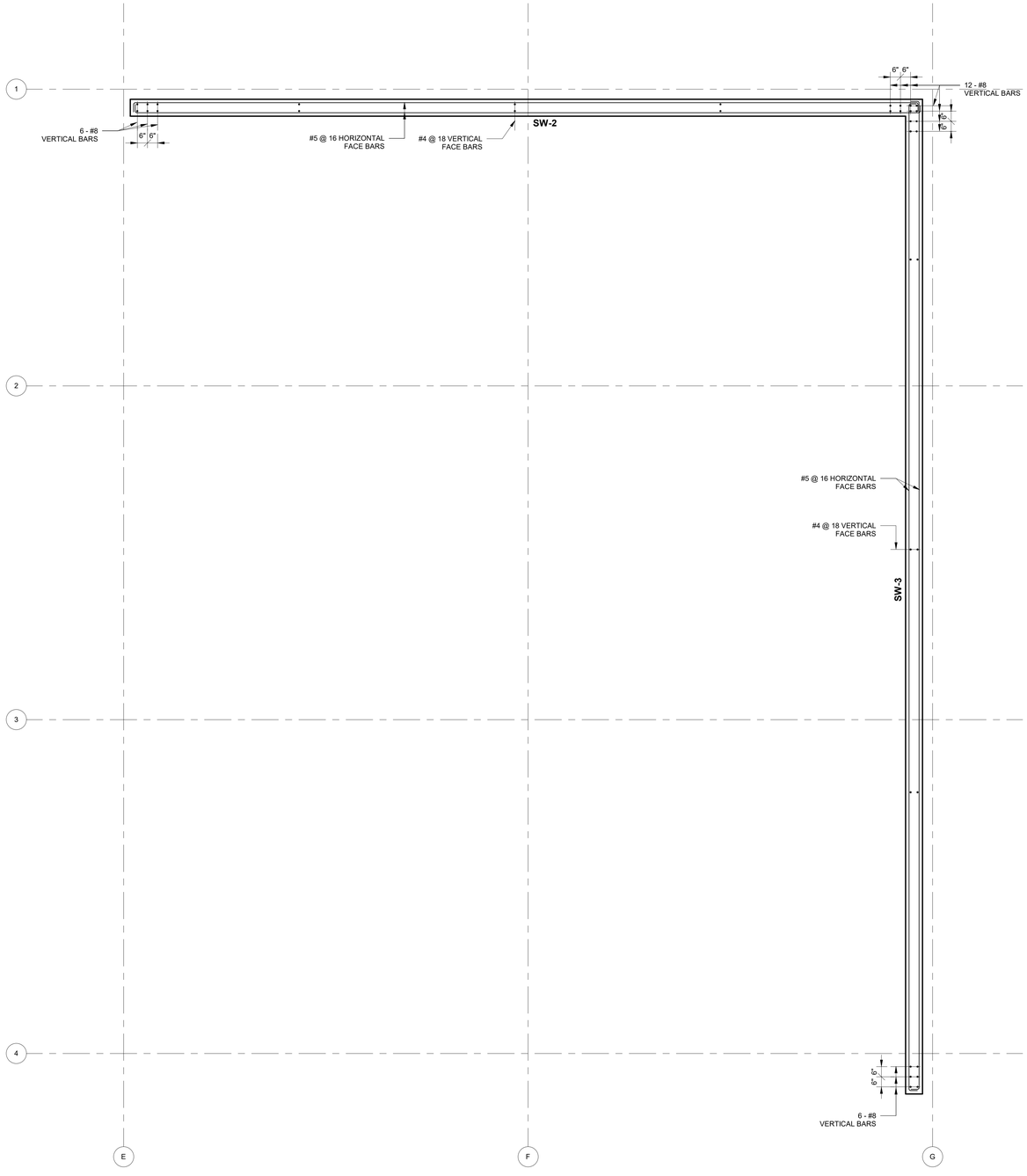
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



B SW-1 REINFORCEMENT PLAN
3/8" = 1'-0"



C ELECTRICAL CONCRETE WALL INFILL REINF PLAN
3/8" = 1'-0"



A SW-2 AND SW-3 REINFORCEMENT PLAN
3/8" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

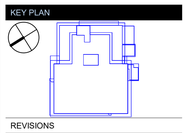
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



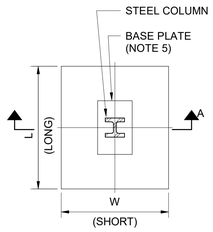
REVISIONS

No.	Description	Date

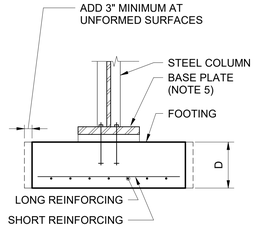
ISSUED: BID SET
DATE: 08/17/2026
SCALE: 3/8" = 1'-0"
SHEET NAME:
SHEAR WALL REINFORCEMENT PLAN
SHEET NUMBER:
S-300

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



PLAN



SECTION A-A

NOTES:

1. AT RECTANGULAR BASE PLATES, UON, LAY OUT LONG DIRECTION OF FOOTING ALONG THE LONG AXIS OF THE BASE PLATE.
2. ELEVATIONS SHOWN IN PLANS OR DETAILS ARE TOP OF FOOTING ELEVATIONS. BOTTOMS OF FOOTINGS SHALL BE LOWERED WHERE ACTUAL SOIL BEARING CAPACITY REQUIRES A LOWER ELEVATION. CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER WHERE THIS NEED ARISES.
3. COLUMN AND FOOTING CENTERLINES SHALL COINCIDE UNLESS OTHERWISE SHOWN.
4. REFER TO COLUMN FOOTING SCHEDULE FOR W, L, AND D.
5. FOR BASE PLATE INFORMATION SEE COLUMN SCHEDULE, BASE PLATE SCHEDULE AND BASE PLATE TYPICAL DETAILS.

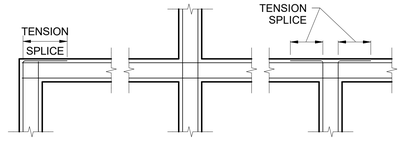
E FOOTING FOR STEEL COLUMN
1" = 1'-0"

F.1 PROTECTION LESS THAN OR EQUAL TO 1'-6"
1" = 1'-0"

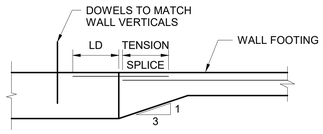
NOTE:
CONTRACTOR'S OPTION TO SELECT DETAIL TYPE I OR TYPE 2

F.2 PROTECTION GREATER THAN 1'-6"
1" = 1'-0"

F STEEL COLUMN BASE PROTECTION
1" = 1'-0"



B.4 WALL FOOTING INTERSECTION
1" = 1'-0"



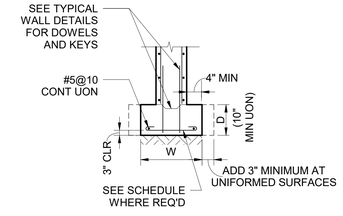
B.5 WHERE WALL FOOTING INTERSECTS FOOTING, CAP OR MAT
1" = 1'-0"

NOTES:

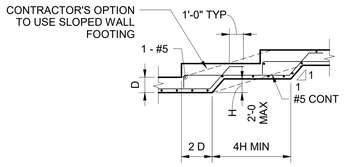
1. FOOTING DIMENSIONS ARE GIVEN IN PLANS, SECTIONS OR WALL FOOTING SCHEDULE.
2. ELEVATIONS SHOWN IN PLANS OR DETAILS ARE TOP OF FOOTING ELEVATIONS. BOTTOMS OF FOOTINGS SHALL BE LOWERED WHERE ACTUAL SOIL BEARING CAPACITY REQUIRES A LOWER ELEVATION. CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER WHERE THIS NEED ARISES.
3. WALL AND FOOTING CENTERLINES SHALL COINCIDE, UNLESS OTHERWISE SHOWN IN PLANS OR DETAILS.
4. WHERE REQUIRED, NOT MORE THAN 50% OF LONGITUDINAL FOOTING REINFORCING STEEL MAY BE SPLICED AT ANY ONE LOCATION. PROVIDE TENSION SPLICE.
5. STRUCTURAL PLAIN CONCRETE FOOTINGS ARE NOT PERMITTED.

MARK	DIMENSIONS			BOTTOM STEEL		REMARKS
	W	L	D	SHORT	LONG	
F1	5' - 0"	5' - 0"	2' - 6"	10 - #6	10 - #6	
F2	4' - 0"	4' - 0"	2' - 6"	8 - #6	8 - #6	

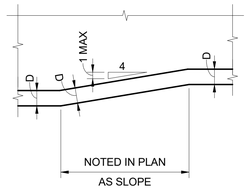
D COLUMN FOOTING SCHEDULE
1" = 1'-0"



B.1 REINFORCED WALL FOOTING
1" = 1'-0"



B.2 STEPPED WALL FOOTING
1" = 1'-0"

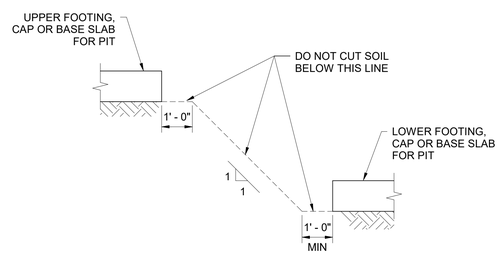


B.3 SLOPED WALL FOOTING
1" = 1'-0"

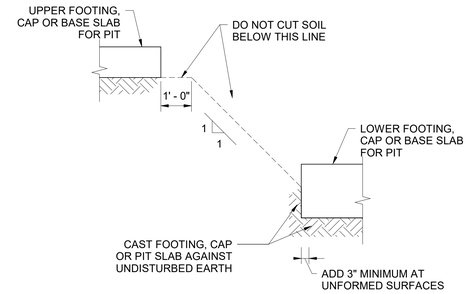
B WALL FOOTING DETAILS
1" = 1'-0"

MARK	DIMENSIONS		BOTTOM STEEL		REMARKS
	W	D	SHORT	LONG	
WF1	6' - 3"	1' - 6"	#4 @ 6"	#4 @ 6"	REINFORCEMENT SHOWN FOR EXTENDED PORTION OF FOOTING ONLY
WF1 (EX)	4' - 9"	1' - 6"	#4 @ 6"	-	EXISTING WALL FOOTING
WF2	6' - 9"	1' - 6"	#4 @ 6"	#4 @ 6"	REINFORCEMENT SHOWN FOR EXTENDED PORTION OF FOOTING ONLY
WF2 (EX)	4' - 9"	1' - 6"	#4 @ 6"	-	EXISTING WALL FOOTING
WF3	3' - 0"	1' - 0"	#6 @ 10"	#6 @ 10"	PROVIDE 180 DEGREE HOOKS

C WALL FOOTING SCHEDULE
1" = 1'-0"



A.1 OPTION 1
NTS



A.2 OPTION 2
NTS

NOTES

1. ALL OVER-EXCAVATION BELOW OR BESIDE FOOTINGS SHALL BE CORRECTED BY BACKFILLING WITH LEAN CONCRETE AS DIRECTED BY GEOTECHNICAL ENGINEER.
2. CAST LOWER CONCRETE PRIOR TO CASTING UPPER CONCRETE.

A EXCAVATION TYPICAL DETAILS
NTS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. DONCEC · 072620 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

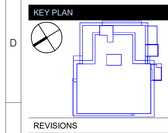
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

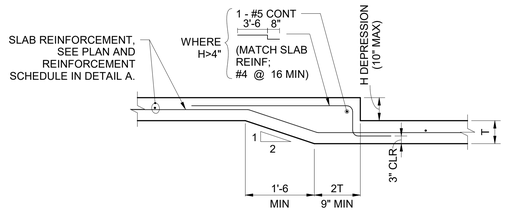
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: FOUNDATION TYPICAL DETAILS
SHEET NUMBER: S-400

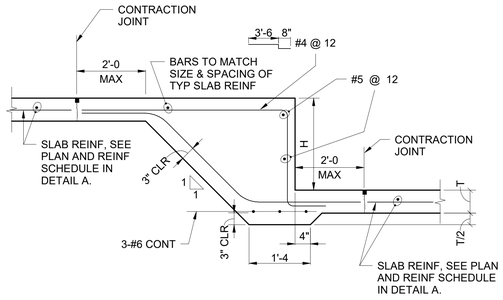
BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

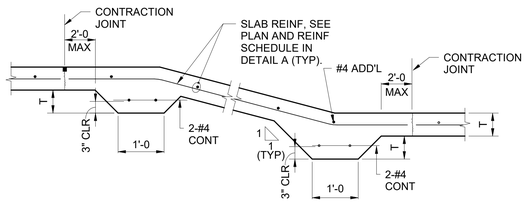
WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



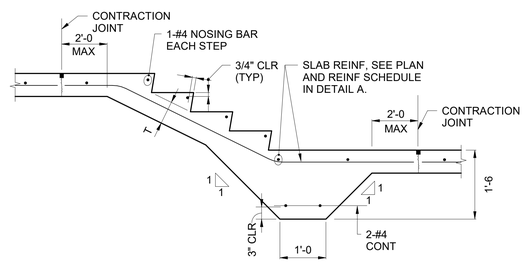
C.1 DEPRESSION ≤ 10"



C.2 DEPRESSION 10" < H ≤ 30"



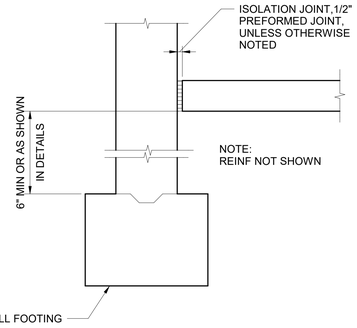
C.3 SLOPE



NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR STAIR PROFILE.

C.4 STAIRS

C SLAB STEPS AND SLOPES

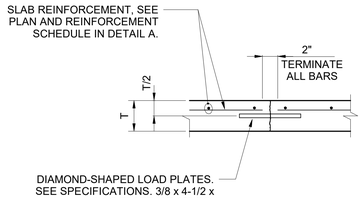


B.4 ISOLATION JOINT AT WALL

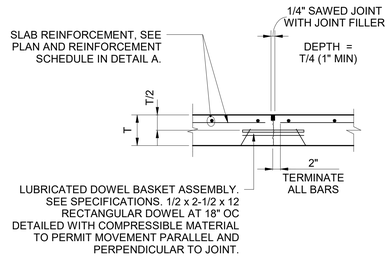
NOTES:

1. POUR LANES TO BE BOUNDED BY CONSTRUCTION OR ISOLATION JOINTS AS SHOWN IN PLANS.
2. CONTRACTOR SHALL USE SAWED CONTRACTION JOINTS.
3. SPACING BETWEEN CONSTRUCTION OR CONTRACTION JOINTS IN EITHER DIRECTION SHALL NOT EXCEED Ψ TIMES SLAB THICKNESS OR 18 FEET, WHICHEVER IS LESS. ASPECT RATIO OF SLAB PANELS SHALL NOT EXCEED 1.5 TO 1. L- AND T- SHAPED PANELS ARE NOT PERMITTED UNLESS SHOWN IN PLANS.
4. JOINTS IN TOPPING SLABS SHALL BE LOCATED DIRECTLY OVER JOINTS IN THE BASE SLAB.

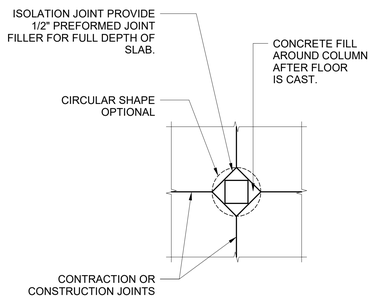
B JOINTS



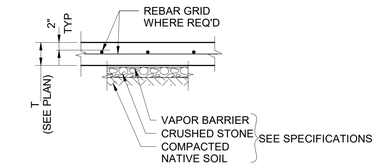
B.1 CONSTRUCTION JOINT



B.2 SAWED CONTRACTION JOINT



B.3 ISOLATION JOINT AT COLUMN



NOTE: ALL SLABS ON GROUND SHALL BE REINFORCED WITH FIBERS OR REBAR (OR BOTH WHERE NOTED IN THE DRAWINGS). WELDED WIRE FABRIC IS NOT PERMITTED. FOR FIBER DOSAGES SEE THE PROJECT SPECIFICATION SECTION 03300. MINIMUM REBAR GRID SHALL BE AS FOLLOWS:

SLAB THICKNESS (T)	REBAR GRID
5"	#3 @ 16"
OVER 5" TO 8"	#3 @ 12"
OVER 8" TO 10"	#4 @ 12"

A TYPICAL SECTION AND REINFORCEMENT

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONCZY · 072620 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

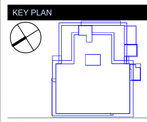
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

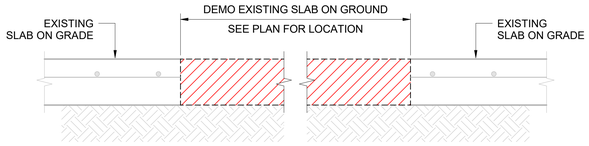
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: BEARING SLAB ON GROUND TYPICAL DETAILS
SHEET NUMBER: S-401

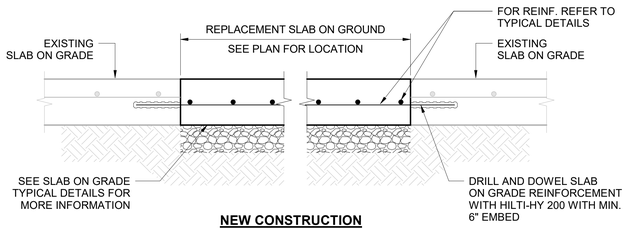
BID SET

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



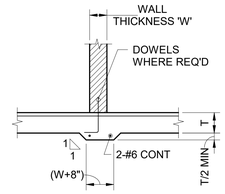
DEMOLITION



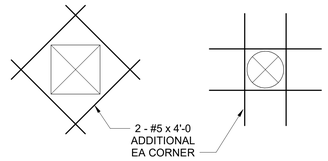
NEW CONSTRUCTION

E REPLACEMENT OF EXISTING SLAB ON GRADE SECTION

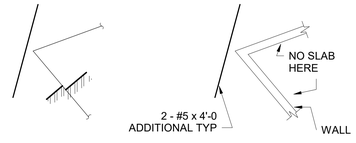
NTS



D.1 SLAB UNDER NON-BEARING MASONRY WALLS



D.2 OPENINGS IN SLAB ON GROUND



NOTE:

RE-ENTRANT CORNERS RESULTING FROM CONTRACTOR'S CONSTRUCTION SEQUENCE SHALL BE SIMILARLY REINFORCED.

D.3 RE-ENTRANT CORNERS IN SLAB ON GROUND

D ADDED REINFORCEMENT

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

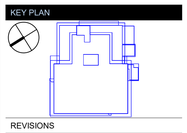
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



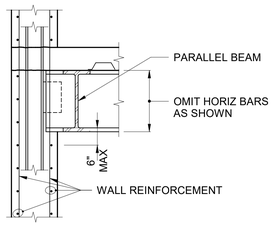
REVISIONS

No.	Description	Date

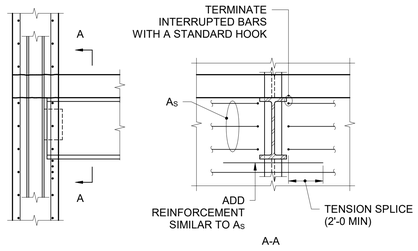
ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: BEARING SLAB ON GROUND TYPICAL DETAILS
SHEET NUMBER: S-402

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

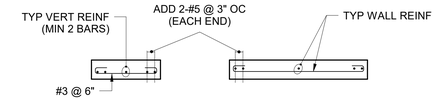


J.1 AT PARALLEL BEAM

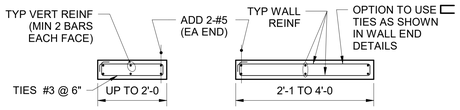


J.2 AT PARALLEL BEAM

J REINFORCEMENT WHERE GIRDER CONNECTS TO EMBEDDED COLUMN

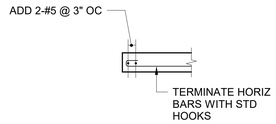


F.1 SINGLE LAYER STEEL

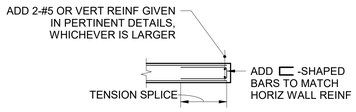


F.2 DOUBLE LAYER STEEL

F SMALL WALL SECTIONS

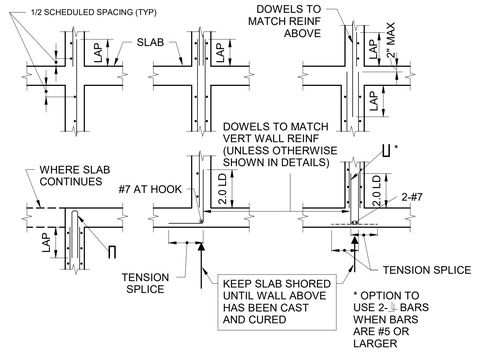


G.1 SINGLE LAYER STEEL



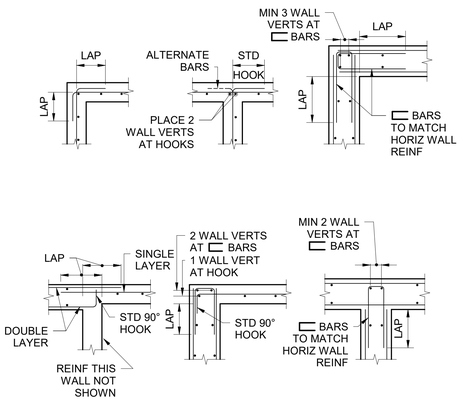
G.2 DOUBLE LAYER STEEL

G WALL ENDS

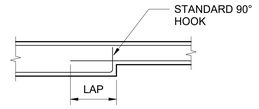


SLAB REINFORCING NOT SHOWN
LAP = TENSION SPLICE (1'-6 MIN)

E.1 SLAB AND WALL INTERSECTIONS

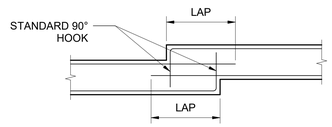


E.2 WALL INTERSECTIONS



NOTE: LAP = TENSION SPLICE.

E.3 CHANGE IN WALL THICKNESS



NOTE: LAP = TENSION SPLICE.

E.4 WALL OFFSET

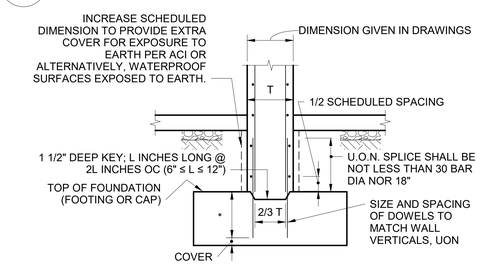
E WALL INTERSECTIONS, CHANGE IN WALL THICKNESS AND WALL OFFSET

MINIMUM WALL REINFORCEMENT			
UNLESS NOTED OR SHOWN OTHERWISE, ALL SHEAR WALLS ARE TO BE REINFORCED (AS A MINIMUM) ACCORDING TO THIS TABLE.			
WALL THICKNESS	HORIZONTAL BARS	VERTICAL BARS	LOCATION
6" AND UNDER	#4 @ 9	#4 @ 12	CENTER LINE
OVER 6" - 8"	#5 @ 11	#4 @ 12	CENTER LINE
OVER 8" - 10"	#5 @ 16	#4 @ 18	EACH FACE
OVER 10" - 12"	#5 @ 14	#4 @ 18	EACH FACE
OVER 12" - 14"	#5 @ 12	#4 @ 18	EACH FACE
OVER 14" - 16"	#5 @ 11	#4 @ 16	EACH FACE
OVER 16" - 18"	#5 @ 9	#5 @ 18	EACH FACE
OVER 18" - 20"	#5 @ 8	#5 @ 18	EACH FACE
OVER 20" - 24"	#5 @ 7	#5 @ 16	EACH FACE
OVER 24" - 28"	#6 @ 9	#5 @ 15	EACH FACE
OVER 28" - 32"	#6 @ 7	#5 @ 13	EACH FACE
OVER 32" - 36"	#7 @ 9	#6 @ 16	EACH FACE
OVER 36" - 40"	#7 @ 8	#6 @ 15	EACH FACE
OVER 40" - 44"	#8 @ 10	#7 @ 18	EACH FACE

NOTES:

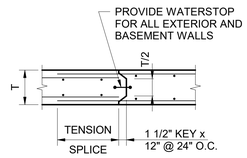
1. VERTICAL REINFORCING SHALL BE CONTINUOUS FROM STRUCTURAL LEVEL TO STRUCTURAL LEVEL, UNLESS OTHERWISE NOTED.
2. HORIZONTAL REINFORCING SPACING SHALL START AND END WITH NOT MORE THAN 1/2 THE SCHEDULED SPACING.

A MINIMUM WALL REINFORCEMENT



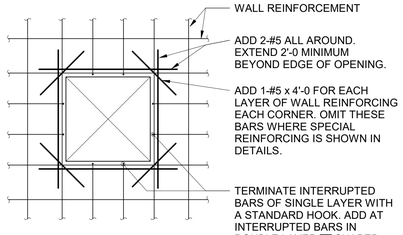
* NEED NOT EXCEED THE LARGER OF (30 BAR DIA OR 18")

B DOWEL AND KEY



C.1 CONSTRUCTION JOINT (VERT & HORIZ)

C WALL JOINTS



D WALL OPENING REINFORCEMENT

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

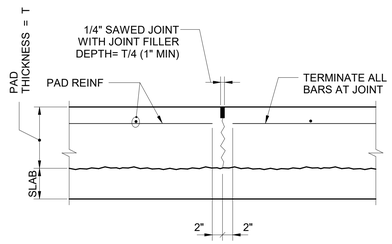
KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: WALL TYPICAL DETAILS
SHEET NUMBER: S-403

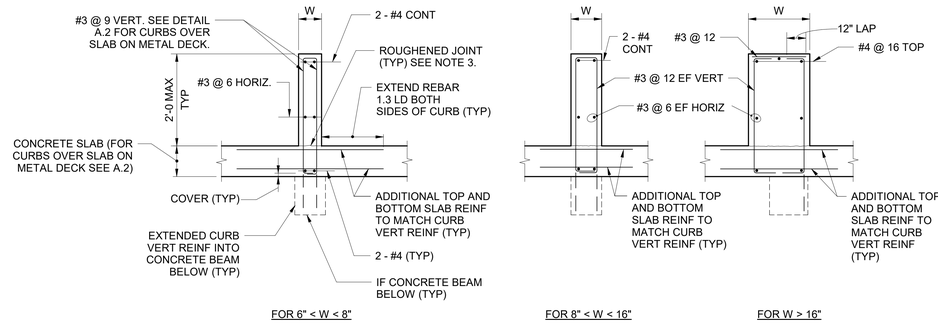
BID SET



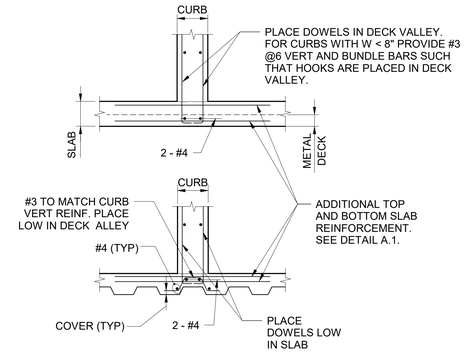
NOTES:

1. SPACING BETWEEN CONTRACTION JOINTS IN EITHER DIRECTION SHALL NOT EXCEED 24 TIMES THE PAD THICKNESS OR 18 FEET, WHICHEVER IS SMALLER.

A.4 SAWED CONTRACTION JOINT IN ISOLATION/HOUSE KEEPING PADS
SCALE : NTS



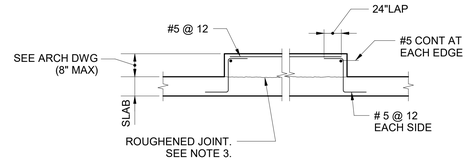
A.1 FLOOR CURBS NOT SUBJECT TO SPECIAL LOADING
SCALE : NTS



A.2 CURB OVER SLAB ON METAL DECK
SCALE : NTS

NOTES:

1. FOR SIZE AND LOCATION OF CURBS AND PADS SEE ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS.
2. FOR CURBS SUBJECT TO SPECIAL LOADING, SUCH AS ATTACHEMENT OF FACADE COMPONENTS AND MEP EQUIPMENT, SEE REFERENCE DETAILS.
3. ROUGHEN SURFACE OF SLAB (MIN 1/4" AMPLITUDE), CLEAN THOROUGHLY AND APPLY EPOXY BONDING COMPOUND IMMEDIATELY BEFORE CASTING CURB OR PAD.
4. FOR CURBS PROVIDE CONSTRUCTION JOINTS AND CONTRACTION JOINTS AS FOR WALL CONSTRUCTION. SEE WALL TYPICAL DETAILS.
5. BEND HORIZONTAL BARS AT CORNERS AS FOR WALL CONSTRUCTION. SEE WALL TYPICAL DETAILS.



A.3 ISOLATION/HOUSEKEEPING PAD
SCALE : NTS

A CONCRETE CURBS AND ISOLATION/HOUSEKEEPING PADS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R GONZALEZ · LICENSED PROFESSIONAL ENGINEER · No. 072540

SUCF Project No. 081056-00

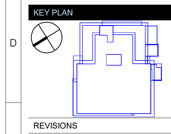
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME:
CURB TYPICAL DETAILS

SHEET NUMBER:
S-404

BID SET

MINIMUM WELD SCHEDULE

MATERIAL THICKNESS OF THICKER PART JOINED	MINIMUM WELD
3/4" AND LESS	1/4"
OVER 3/4" TO 1 1/2"	5/16"
OVER 1 1/2" TO 2 1/4"	3/8"
OVER 2 1/4" TO 6"	1/2"
OVER 6"	5/8"

NOTES:

1. UNLESS OTHERWISE NOTED IN THE STRUCTURAL DRAWINGS, WELDS SHALL BE OF THE SIZE NOT LESS THAN GIVEN IN THE SCHEDULE.

2. NOTATION IN THE DRAWINGS SHOWS "MIN" ASSOCIATION WITH THE APPROPRIATE FILLET OR PARTIAL PENETRATION WELD SYMBOL. FOR EXAMPLE:



THE MINIMUM WELD SIZE APPLIES TO THE LEG DIMENSION OF FILLET WELDS AND TO THE MINIMUM EFFECTIVE THROAT OF PARTIAL PENETRATION GROOVE WELDS.

3. THE MINIMUM WELD SIZE NEED NOT EXCEED THE THICKNESS OF THE THINNER PART JOINED UNLESS A LARGER SIZE IS REQUIRED BY CALCULATED STRESS.

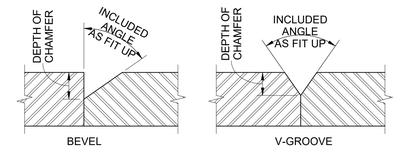
A.1 MINIMUM WELD SCHEDULE

1. WHERE SPECIFIED IN THE DRAWINGS AS 

THE WELD SIZE OF PARTIAL PENETRATION GROOVE WELDS IS THE EFFECTIVE THROAT THICKNESS.

2. THE REQUIRED DEPTH OF CHAMFER IN THE PIECES TO BE WELDED IS DEPENDENT ON THE TYPE OF WELDING PROCESS, THE WELDING POSITION AND THE INCLUDED ANGLE AT THE ROOT OF THE GROOVE AS FOLLOWS:

WELDING PROCESS	WELDING POSITION	INCLUDED ANGLE AT ROOT OF GROOVE	DEPTH OF CHAMFER
SHIELDED METAL ARC	ALL	BEVEL 40° TO 55°	EFFECTIVE DEPTH + 1/8"
		V-GROOVE 55° TO 70°	EFFECTIVE DEPTH
GAS METAL ARC OR FLUX CORED ARC	HORIZONTAL OR FLAT	BEVEL 40° TO 55°	EFFECTIVE DEPTH
	VERTICAL OR OVERHEAD	BEVEL 40° TO 55°	EFFECTIVE DEPTH + 1/8"
	ALL	V-GROOVE 55° TO 70°	EFFECTIVE DEPTH
SUBMERGED ARC	FLAT	BEVEL 40° TO 55°	EFFECTIVE DEPTH
		V-GROOVE 55° TO 70°	EFFECTIVE DEPTH



A.2 PARTIAL PENETRATION GROOVE WELDS

A WELDS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GOODRICH · No. 072540 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

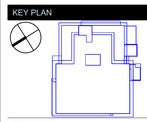
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

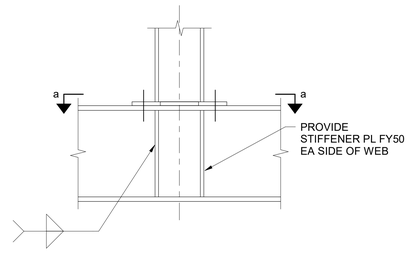
DATE: 08/17/2026

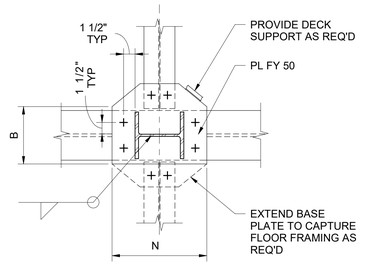
SCALE: NTS

SHEET NAME:
WELDS TYPICAL DETAILS

SHEET NUMBER:
S-405

BID SET





a-a

NOTE: PROPORTION PLATES, WELDS, AND BOLTS FOR FORCES SHOWN IN PLANS.

A.4 TYPICAL BASE PLATES FOR COLUMNS SEATED ON BEAMS

UNLESS NOTED OR SHOWN OTHERWISE, PROVIDE BASE PLATE HOLES AND WASHERS ACCORDING TO THIS TABLE:

ANCHOR ROD DIAMETER, IN	MAX. HOLE DIAMETER, IN	MIN WASHER SIZE, IN	MIN WASHER THICKNESS
3/4	1 5/16	3	3/8
7/8	1 9/16	3	3/8
1	1 13/16	3	3/8
1 1/4	2 1/16	3	1/2
1 1/2	2 5/16	3 1/2	1/2
1 3/4	2 3/4	4	5/8
2	3 1/4	5	3/4
2 1/2	3 3/4	5 1/2	7/8

A.5 BASE PLATE HOLES AND WASHERS

NOTES:

1. ALL BASE PLATES ARE FY 50 UNLESS NOTED.
2. TOP OF BASE PLATE ELEVATIONS ARE TO BE DETERMINED AS INDICATED ABOVE UON IN SECTIONS OR DETAILS.
3. N, B AND T IS GIVEN IN THE BASE PLATE SCHEDULE OR DRAWINGS.
4. T IS DETERMINED AFTER FINISHING.

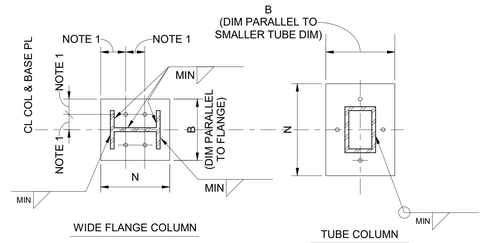
BASE PLATE (BP) SCHEDULE

MARK	LENGTH, N	WIDTH, B	THICK, T	T GROUT (NOTE 2)	REMARKS
BP1	10"	10"	1 1/2"	1"	BASE PLATE FOR HSS6x6 POSTS
BP2	14"	14"	1 1/2"	1"	BASE PLATE FOR HSS10x10 POSTS
BP3	16"	16"	1 1/2"	1"	BASE PLATE FOR HSS12x12 POSTS

NOTES:

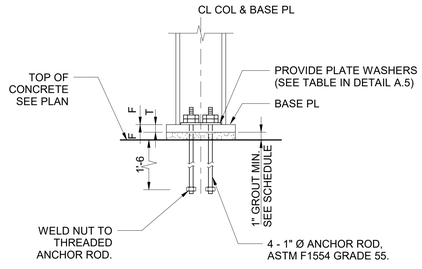
1. FOR ANCHOR BOLTS SEE TYPICAL DETAILS A.2 AND A.3, UON.
2. IF CONCRETE IS CAST TOO HIGH, TOP OF FOOTING SHALL BE BUSH-HAMMERED DOWN TO MAINTAIN 1" OF NON-SHRINK GROUT BELOW BASE PLATE. TOP OF CONCRETE FOOTING SHALL BE CLEAN, SHALL BE FREE OF DEBRIS, SHALL BE SOUND CONCRETE AND SHALL BE SURFACE SATURATED BUT FREE OF STANDING WATER.
3. FOR LOCATION OF BASE PLATES SEE COLUMN SCHEDULE.
4. STEEL CONTRACTOR TO PROVIDE METAL TEMPLATE TO FACILITATE THE ALIGNMENTOF ANCHOR BOLTS.

A.1 BASE PLATE SCHEDULE



WIDE FLANGE COLUMN

TUBE COLUMN



NOTES:

1. CONTRACTOR TO COORDINATE LOCATION OF ANCHOR RODS TO MEET AISC PROVISIONS FOR MINIMUM EDGE DISTANCES, PLATE WASHER CLEARANCES, AND ENTERING AND TIGHTENING CLEARANCES.

A.2 BASE PLATES FOR W COLUMN SHAPES UP TO 211 PLF AND FOR TUBE COLUMNS

A BASE PLATE SCHEDULE AND TYPICAL DETAILS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

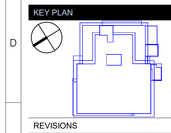
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: NTS

SHEET NAME:
BASE PLATE SCHEDULE AND TYPICAL DETAILS

SHEET NUMBER:
S-406

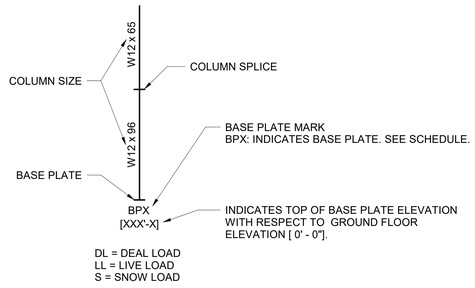
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL MEZZANINE				HSS8x6x5/8	HSS8x6x5/8	HSS6x6x5/8	HSS8x4x5/8	HSS8x6x5/8	MECHANICAL MEZZANINE	
21' - 10" Level 2									21' - 10" Level 2	
12' - 0" Level 1	HSS8x8x1/2	HSS6x6x5/8	HSS12x12x5/8						12' - 0" Level 1	
0' - 0"	BP1 [-1' - 5 3/4"]	BP1 [-4' - 2 1/2"]	BP3 [-3' - 5"]						0' - 0"	
	DL = 55 LL = 30 S = 15	DL = 55 LL = 30 S = 15	DL = 20 LL = 10 S = 5	DL = 65 LL = 20 S = 30	DL = 50 LL = 15 S = 10	DL = 15 LL = 5 S = 5	DL = 15 LL = 5 S = 5	DL = 15 LL = 5 S = 5	DL = 20 LL = 10 S = 5	DL = 5 LL = 5 S = 5
Column Locations	A-5	A-6	A(1' - 0")-7	C(7' - 6")-1	C(7' - 6")-2	D(8' - 1 3/8")-1	D(8' - 1 3/8")-2	D(8' - 1 3/8")-2(-5' - 6")		

NOTES:

1. FOR BASE PLATE INFORMATION REFER TO BASE PLATE SCHEDULE AND TYPICAL DETAILS.
2. REFER TO COLUMN SPLICE TYPICAL DETAILS.
3. PROVIDE CAP PLATE WITH SEAL WELD AT THE TOP OF ALL HSS AND PIPE COLUMNS.



KEY - COLUMN SCHEDULE NOMENCLATURE

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

RIcca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

SUCF Project No. 081056-00

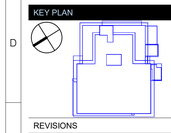
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

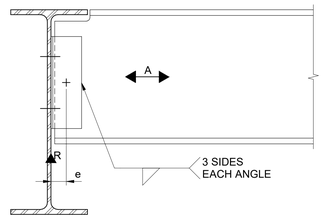
SCALE: As indicated

SHEET NAME:
STEEL COLUMN SCHEDULE

SHEET NUMBER:
S-407

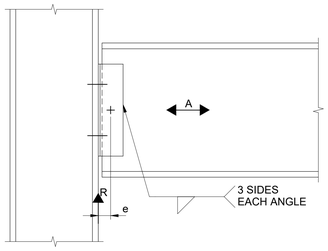
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



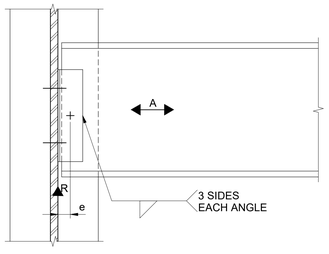
C.1 BEAM FRAMING TO GIRDER

BOLT OR WELD 2L TO WEB OF BEAM AND/OR SUPPORTING MEMBER



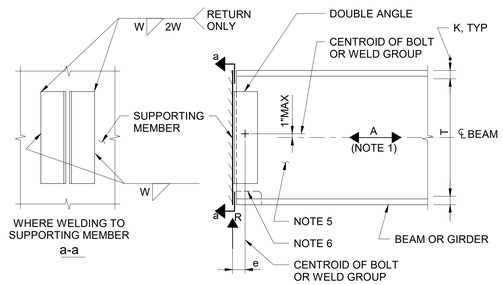
C.2 BEAM OR GIRDER FRAMING TO COLUMN

BOLT OR WELD 2L TO WEB OF BEAM AND/OR SUPPORTING MEMBER



C.3 BEAM OR GIRDER FRAMING TO W COLUMN WEB

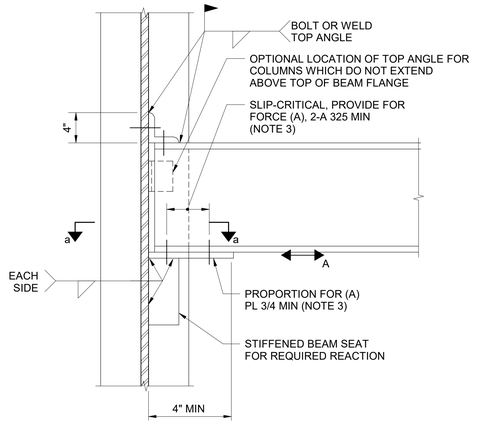
BOLT OR WELD 2L TO WEB OF BEAM AND/OR SUPPORTING MEMBER

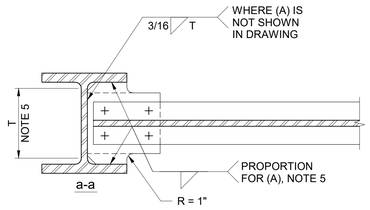


NOTES:

1. FORCE A MAY/MAY NOT EXIST. SEE PLANS, ELEVATIONS AND DETAILS. WHERE A EXISTS, PROVIDE BOLTED CONNECTION TO THE SUPPORTING MEMBER.
2. PROPORTION BOLTS, OR WELD, FOR VERTICAL REACTION (R) AND FORCE (A).
3. PROPORTION DOUBLE ANGLES AND BOLTS, OR WELDS, FOR VERTICAL REACTION (R), MOMENT (R x e), AND FORCE (A). PROVIDE MULTIPLE VERTICAL ROWS OF BOLTS AS REQUIRED. WHERE ONLY A SINGLE ROW OF BOLTS IS REQUIRED THROUGH THE SUPPORTED BEAM WEB, AND WHERE AISC WORKABLE GAGES ARE USED, ECCENTRICITY (e) MAY BE IGNORED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION. ECCENTRICITY SHALL ALWAYS BE CONSIDERED IN THE DESIGN OF THE WELDS.
4. CONTRACTOR'S OPTION TO PROVIDE STANDARD ROUND HOLES IN DOUBLE ANGLES OR HORIZONTAL SHORT-SLOTTED HOLES IN DOUBLE ANGLES.
5. REINFORCE BEAM WEB WITH A DOUBLER PLATE, AS REQUIRED, FOR PRESCRIBED FORCES.
6. CONTRACTOR'S OPTION TO PROVIDE A KNIFED CONNECTION WHERE APPLICABLE.
7. REFER TO BEAM COPE TYPICAL DETAIL REGARDING ALL COPES AND CUTS.
8. MINIMUM ANGLE LENGTH SHALL BE THE GREATER OF THAT REQUIRED BY STRENGTH, THAT REQUIRED BY MINIMUM NUMBER OF BOLTS IN STRUCTURAL NOTES, OR ONE-HALF THE (T) DIMENSION.
9. MAXIMUM ANGLE THICKNESS SHALL BE LIMITED TO 5/8 IN.

C DOUBLE ANGLE CONNECTIONS

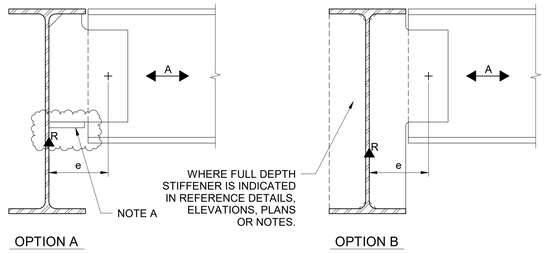




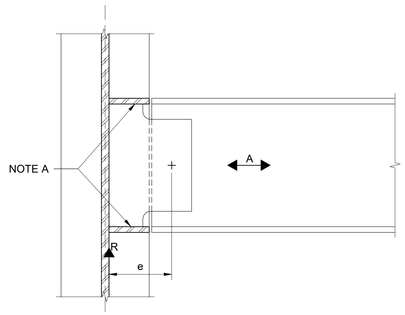
NOTES:

1. PROVIDE ADDITIONAL COLUMN WELDING AND/OR INTERNAL DIAPHRAGMS OR PLATES AS REQUIRED BY CONNECTION FORCES.
2. WHERE (A) IS LARGE, ADDITIONAL TOP FLANGE PLATES MAY BE USED AT THE CONTRACTOR'S OPTION. WHERE TOP PLATES ARE USED, PROVIDE STEEL DECK SUPPORT PL 3/8 x 3.
3. MINIMUM REQUIREMENTS SHOWN ARE TO BE PROVIDED EVEN WHERE (A) IS NOT INDICATED IN DRAWINGS.
4. WHERE NOTED THUS R, A* IN DRAWINGS, (A) IS TO BE TAKEN THROUGH THE TOP AND BOTTOM FLANGES OF THE BEAM.
5. WHERE (A) IS NOT SHOWN IN DRAWING, SEAT PLATE WIDTH = COLUMN T AND WELD TO COLUMN FLANGE IS ELIMINATED.

B STIFFENED SEAT CONNECTION - BEAM OR GIRDER FRAMING TO COLUMN



A.2 BEAM FRAMING TO GIRDER - EXTENDED CONFIGURATION



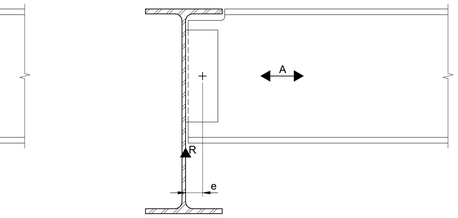
NOTE A: PROVIDE STIFFENERS WHERE FORCE (A) EXISTS. PROPORTION STIFFENERS AND WELDS FOR FORCE (A). IN ADDITION PROVIDE STIFFENERS WHERE REQUIRED FOR THE DESIGN OF THE EXTENDED SHEAR TAB.

A.4 BEAM OR GIRDER FRAMING TO W COLUMN WEB - EXTENDED CONFIGURATION

NOTES:

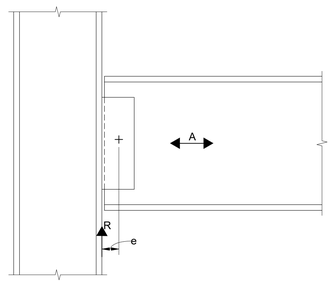
1. FORCE A MAY/MAY NOT EXIST. SEE PLANS, ELEVATIONS AND DETAILS.
2. PROPORTION WELD FOR VERTICAL REACTION (R) AND FORCE (A), OR PLASTIC BENDING MOMENT CAPACITY OF PLATE, WHICHEVER IS LARGER.
3. PROPORTION PLATE AND BOLTS FOR VERTICAL REACTION (R), MOMENT (R x e), AND FORCE (A). PROVIDE MULTIPLE VERTICAL ROWS AS REQUIRED. WHERE ONLY A SINGLE ROW OF BOLTS IS REQUIRED, AND DIMENSIONAL LIMITATIONS OF THE CONVENTIONAL CONFIGURATION ARE MET, ECCENTRICITY (e), MAY BE IGNORED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION.
4. CONTRACTOR'S OPTION TO PROVIDE STANDARD ROUND HOLES IN CONNECTION PL OR HORIZONTAL SHORT-SLOTTED HOLES IN CONNECTION PL.
5. REINFORCE BEAM WEB WITH A DOUBLER PLATE, AS REQUIRED, FOR PRESCRIBED FORCES.
6. REFER TO BEAM COPE TYPICAL DETAIL REGARDING ALL COPES AND CUTS.

A SINGLE PLATE CONNECTION

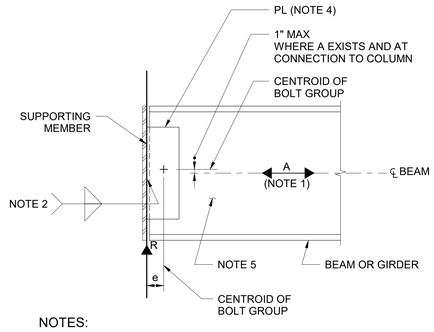


UNLESS INDICATED OTHERWISE

A.1 BEAM FRAMING TO GIRDER



A.3 BEAM OR GIRDER FRAMING TO COLUMN



NOTES:

1. FORCE A MAY/MAY NOT EXIST. SEE PLANS, ELEVATIONS AND DETAILS.
2. PROPORTION WELD FOR VERTICAL REACTION (R) AND FORCE (A), OR PLASTIC BENDING MOMENT CAPACITY OF PLATE, WHICHEVER IS LARGER.
3. PROPORTION PLATE AND BOLTS FOR VERTICAL REACTION (R), MOMENT (R x e), AND FORCE (A). PROVIDE MULTIPLE VERTICAL ROWS AS REQUIRED. WHERE ONLY A SINGLE ROW OF BOLTS IS REQUIRED, AND DIMENSIONAL LIMITATIONS OF THE CONVENTIONAL CONFIGURATION ARE MET, ECCENTRICITY (e), MAY BE IGNORED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION.
4. CONTRACTOR'S OPTION TO PROVIDE STANDARD ROUND HOLES IN CONNECTION PL OR HORIZONTAL SHORT-SLOTTED HOLES IN CONNECTION PL.
5. REINFORCE BEAM WEB WITH A DOUBLER PLATE, AS REQUIRED, FOR PRESCRIBED FORCES.
6. REFER TO BEAM COPE TYPICAL DETAIL REGARDING ALL COPES AND CUTS.

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R GONZALES · No. 072501 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

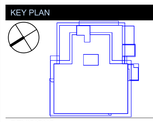
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	Revision 1	Date 1

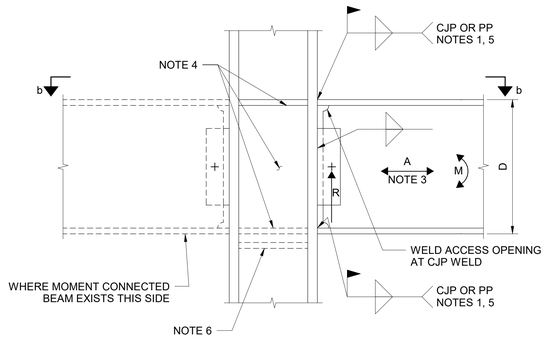
ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
SHEET NUMBER: S-408

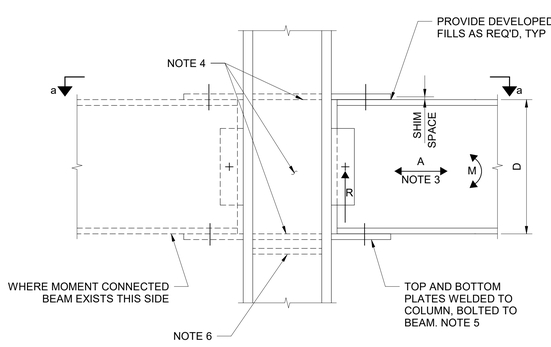
BID SET

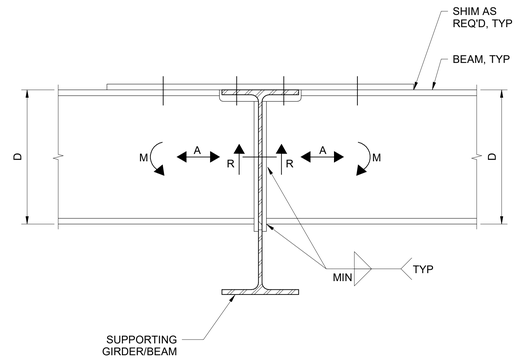
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:

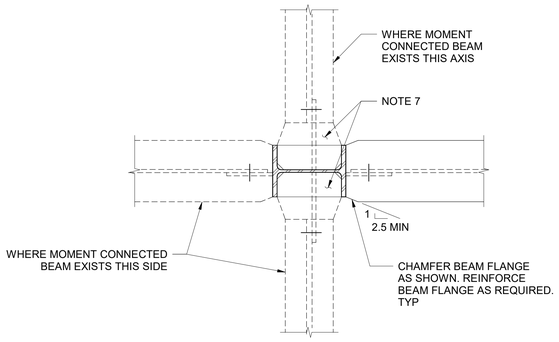
1. PROPORTION BEAM FLANGE TO COLUMN WELDS FOR FORCE (F = M/D). THE VALUE OF M IS GIVEN IN DRAWINGS. REFER TO DRAWING S-00X FOR DESCRIPTION OF BEAM END MOMENTS.
2. PROPORTION BEAM WEB CONNECTION FOR VERTICAL REACTION (R). THE VALUE OF (R) IS GIVEN IN DRAWINGS. ECCENTRICITY FROM BOLT GROUP CENTROID TO FACE OF COLUMN FLANGE AND COLUMN WEB, RESPECTIVELY, IS ACCOUNTED FOR IN MOMENT.
3. PROPORTION BEAM-COLUMN CONNECTION FOR THE ADDITIONAL EFFECTS OF FORCE (A), WHEREVER THIS FORCE IS GIVEN IN DRAWINGS.
4. PROVIDE STIFFENERS AND DOUBLER PLATE(S) AS REQUIRED.
5. PROPORTION TOP AND BOTTOM PLATES, WELDS AND BOLTS FOR FORCE (F = M/D). THE VALUE OF (M) IS GIVEN IN DRAWINGS. REINFORCE BEAM FLANGE AS REQUIRED DUE TO NET SECTION.
6. WHERE MOMENT CONNECTION EXISTS ON BOTH COLUMN AXIS'S, AND BEAMS ARE OF DIFFERENT DEPTHS, PROVIDE ADDITIONAL STIFFENERS AS REQUIRED.
7. WHERE MOMENT CONNECTED BEAM EXISTS ON BOTH COLUMN AXIS'S, STIFFENERS/ CONNECTION PLATES SHALL BE PROPORTIONED FOR BIAXIAL FORCES AS REQUIRED.

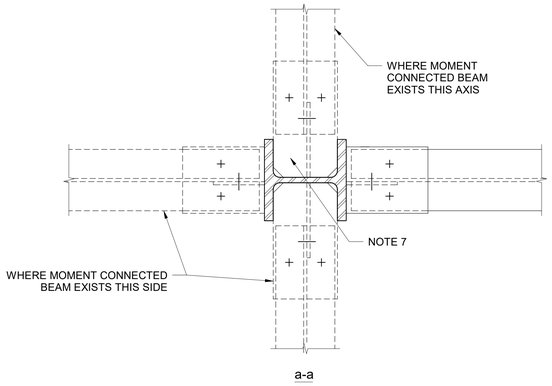






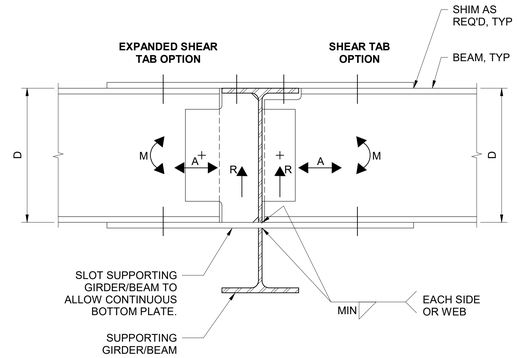
D.3 BEAM OF SHALLOWER DEPTH (CANTILEVER)
MOMENT NOT REVERSIBLE
BEAM PERPENDICULAR TO GIRDER



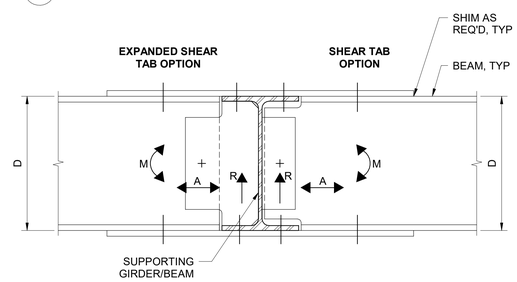


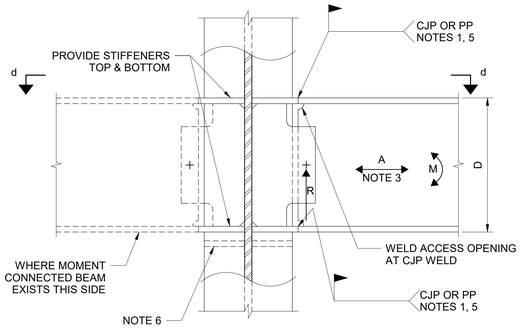
E.3 COLUMN STRONG AXIS: FIELD WELDED OPTION

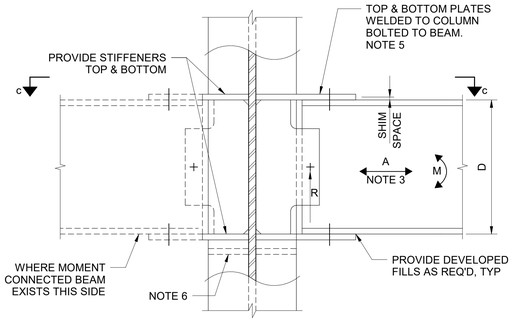
E.1 COLUMN STRONG AXIS: FIELD BOLTED OPTION

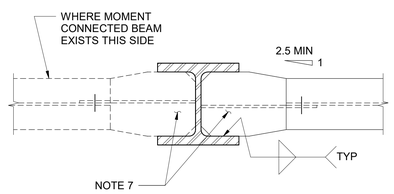


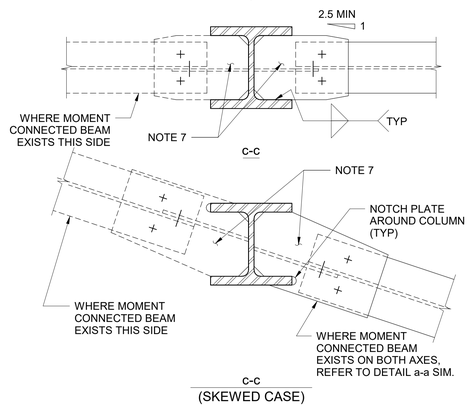
D.2 BEAM OF SHALLOWER DEPTH THAN SUPPORTING MEMBER











E.4 COLUMN WEAK AXIS: FIELD WELDED OPTION

E.2 COLUMN WEAK AXIS: FIELD BOLTED OPTION

D.1 BEAM AND SUPPORTING MEMBER OF THE SAME DEPTH

NOTES:

1. PROPORTION TOP AND BOTTOM PLATES, WELDS AND BOLTS FOR FORCE (F = M/D). THE VALUE OF (M) IS GIVEN IN DRAWINGS. REINFORCE BEAM FLANGE AS REQUIRED DUE TO NET SECTION.
2. PROPORTION BEAM WEB CONNECTION FOR VERTICAL REACTION (R). THE VALUE OF (R) IS GIVEN IN DRAWINGS. REFER TO SINGLE PLATE CONNECTION FOR ADDITIONAL INFORMATION REGARDING WEB CONNECTION. ECCENTRICITY FROM BOLT GROUP CENTROID TO FACE OF GIRDER WEB IS ACCOUNTED FOR IN MOMENT.
3. PROPORTION BEAM-COLUMN CONNECTION FOR THE ADDITIONAL EFFECTS OF FORCE (A), WHEREVER THIS FORCE IS GIVEN IN DRAWINGS.
4. REFER TO BEAM COPE TYPICAL DETAIL REGARDING ALL COPES AND CUTS.
5. CONTRACTOR'S OPTION TO PROVIDE A WELDED CONNECTION.

D BEAM-GIRDER MOMENT CONNECTION

E BEAM-COLUMN MOMENT CONNECTION

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALES · LICENSED PROFESSIONAL ENGINEER · No. 072501

SUCF Project No. 081056-00

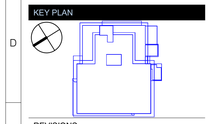
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

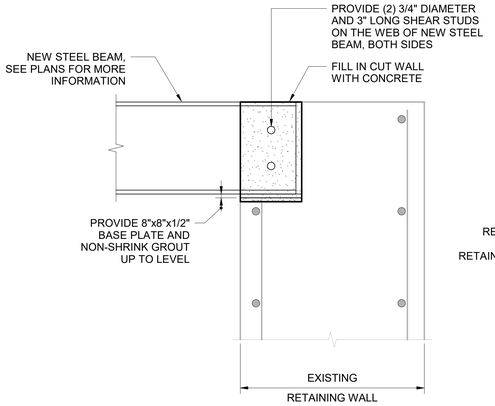


REVISIONS

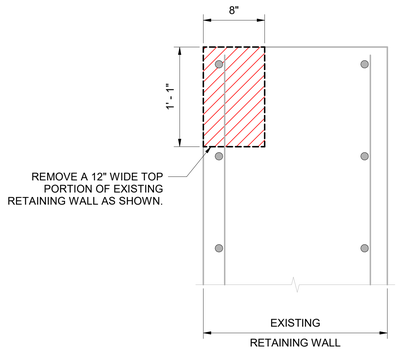
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
SHEET NUMBER: S-409

BID SET



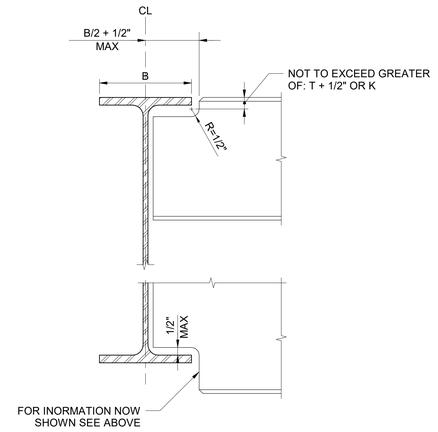
NEW CONSTRUCTION



DEMOLITION

G BEAM SUPPORTED ON EXISTING CONCRETE RETAINING WALL

NTS



NOTES:

1. AS PART OF CONTRACTOR'S CONNECTION DESIGN, ALL BEAM COPES AND CUTS SHALL BE REVIEWED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION. REINFORCE BEAM WEB AS REQUIRED.

F BEAM COPE

NTS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

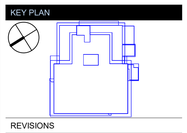
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

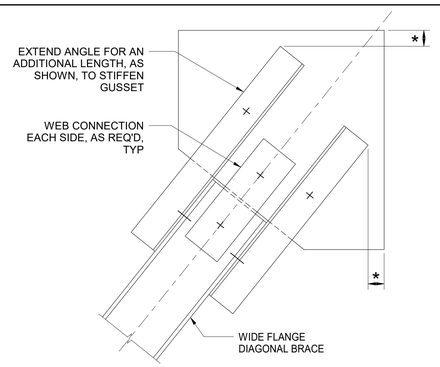
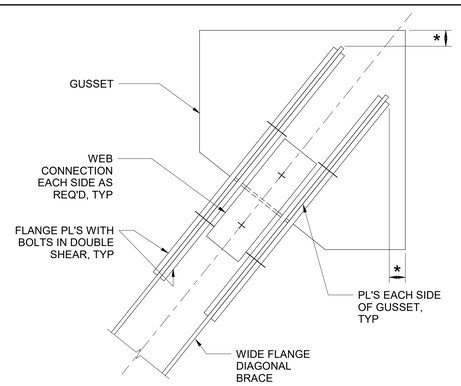
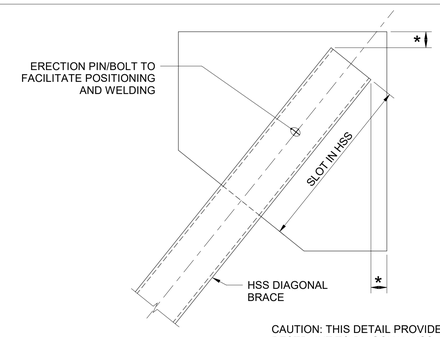
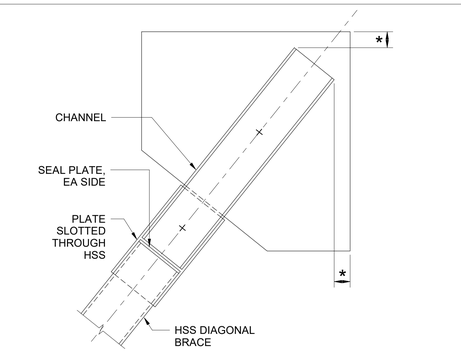
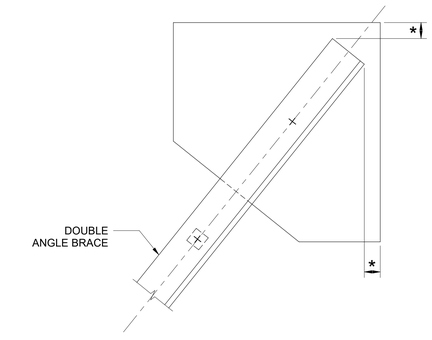
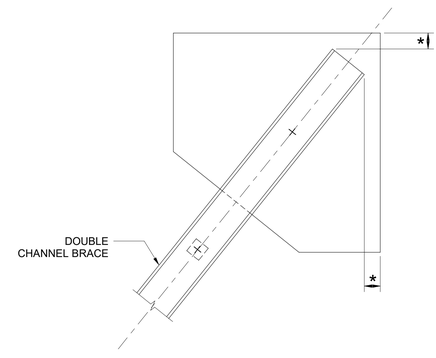
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS
SHEET NUMBER: S-410

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

BRACE TO GUSSET CONNECTION TYPICAL DETAIL

BRACING TYPE	OPTION 1	OPTION 2
WIDE FLANGE		
RECTANGULAR / SQUARE HSS	 CAUTION: THIS DETAIL PROVIDES MOMENT RESTRAINT TO DIAGONAL HSS. SECONDARY MOMENTS IN HSS BRACE WILL CAUSE SHEAR IN HSS BRACE. DETAIL DOES NOT PROVIDE CONNECTION TO TRANSMIT HSS SHEAR TO GUSSET PLATE.	
ANGLES		* KEEP INDICATED DIMENSIONS AS SMALL AS IS PRACTICABLE TO REDUCE THE BUCKLING LENGTH OF GUSSET PLATE.
CHANNELS		

NOTES :

1. PROPORTION CONNECTIONS FOR THE FOLLOWING:

   - DIAGONAL BRACE FORCES (D) SHOWN IN BRACING ELEVATIONS.
   - BEAM VERTICAL REACTIONS (R) SHOWN IN THE MINIMUM REACTIONS TABLE EXCEPT AS NOTED OTHERWISE IN PLAN.
   - BENDING MOMENTS (M) AND BEAM AXIAL FORCES (A) TRANSMITTED ACROSS JOINT AS SHOWN IN BRACING ELEVATIONS AND PLANS.
   - REFER TO SINGLE PLATE CONNECTION TYPICAL DETAIL FOR ADDITIONAL INFORMATION REGARDING CONNECTION DESIGN.

2. CONNECTIONS SHALL BE DESIGNED PER THE UNIFORM FORCE METHOD AS PER THE AISC MANUAL. DIAGONAL BRACE WORKPOINTS SHALL BE AT COLUMN AND BEAM CENTERLINES AS SHOWN UNLESS OTHERWISE NOTED. CONNECTION FORCES SHALL BE CONSIDERED CONCURRENTLY. INCREASES IN ALLOWABLE STRESSES ARE NOT PERMITTED.

3. CONNECTION FORCE SYMBOLS:

   ◄——► INDICATES DIRECTION OF FORCE.

4. ALL BOLTS SHALL BE SLIP-CRITICAL BOLTS.

5. UON, PERPENDICULAR MEMBERS NOT SHOWN FOR CLARITY.

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONCZEWSKI · 027620 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

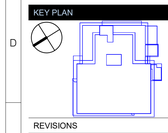
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: NTS

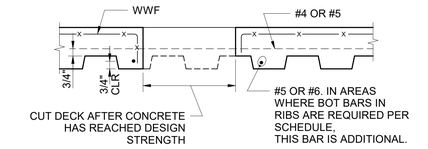
SHEET NAME:
BRACING TYPICAL DETAILS

SHEET NUMBER:
S-411

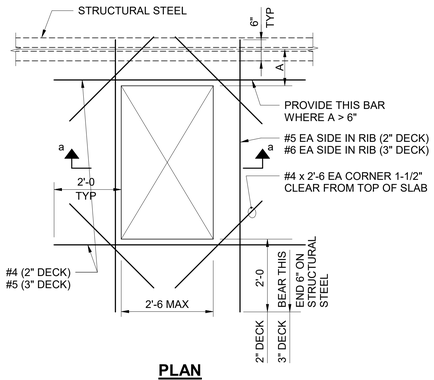
BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



a-a

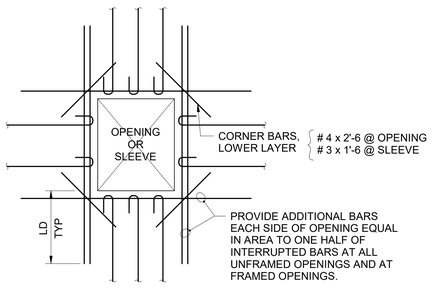


PLAN

NOTE:

FOR DETAILS OF ADDITIONAL BARS AT REBAR GRIDS SEE H.2. SIZE AND LOCATION OF OPENINGS NOT SHOWN IN STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW.

H.1 UNFRAMED OPENING OR SLEEVE THROUGH SLAB ON STEEL DECK

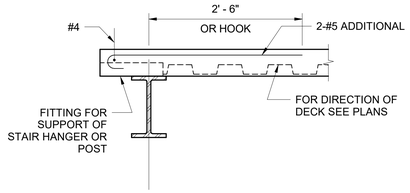


NOTES:

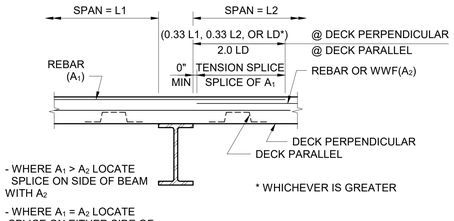
1. FOR BOTTOM BAR ARRANGEMENT SEE H.1.
2. SIZE AND LOCATION OF OPENINGS NOT SHOWN IN STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW.

H.2 FRAMED AND UNFRAMED OPENING OR SLEEVE THROUGH SLAB ON STEEL DECK WITH REBAR GRID

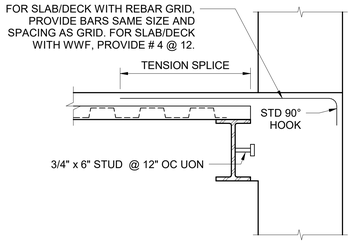
H OPENINGS



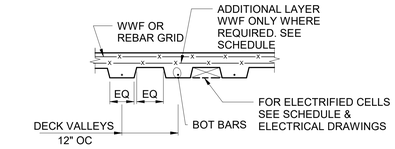
E ADDED REBARS AT STAIR SUPPORT FITTINGS



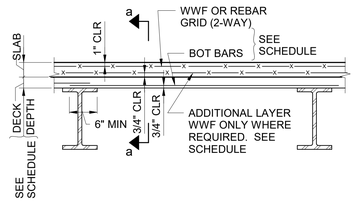
F SPLICING REINFORCEMENT IN REBAR GRID



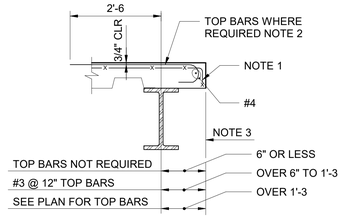
G SLAB/DECK TO WALL INTERSECTION



a-a



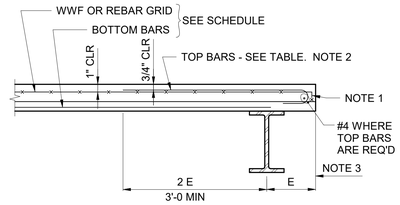
B SUPPORTS AT EACH END



NOTES:

1. BEND OVER WWF. FOR REBAR GRID PROVIDE STANDARD HOOK.
2. WHERE GRID REBARS ARE EQUAL TO OR GREATER IN AREA PER FOOT THAN REQUIRED TOP BARS, TOP BARS MAY BE OMITTED.
3. FOR LOCATION SEE PLAN. IF NOT NOTED IN PLAN OR SECTION, EDGE OF SLAB IS FLUSH WITH EDGE OF FLANGE.

C EDGE CONDITION



E	TOP BARS
TO 7"	NOT REQUIRED
OVER 7" TO 2'-0	#3 @ 12
OVER 2'-0 TO 3'-6	#4 @ 12
OVER 3'-6 TO 4'-0	#4 @ 6

NOTES:

1. BEND OVER WWF. FOR REBAR GRID PROVIDE STANDARD HOOK.
2. WHERE GRID REBARS ARE EQUAL TO OR GREATER IN AREA PER FOOT THAN REQUIRED TOP BARS, TOP BARS MAY BE OMITTED.
3. FOR LOCATION SEE PLAN. IF NOT NOTED IN PLAN OR SECTION, EDGE OF SLAB IS FLUSH WITH EDGE OF FLANGE.

D CANTILEVER

1. FOR EXTENT OF SLAB/DECK TYPE, SEE PLANS AND DETAILS. FOR DESCRIPTION OF SLAB/DECK TYPE, SEE SCHEDULE AND DETAILS.
2. FOR SPANS WITH SUPPORTS AT BOTH ENDS, PROVIDE DECK PROPORTIONED COMPOSITELY TO SUSTAIN THE SUPERIMPOSED LOAD INDICATED IN SCHEDULE, EXCEPT THAT, FOR SPANS INCLUDING TRENCH HEADERS, OR FOR SPANS WITH STEEL DECK ALONE, PROVIDE DECK PROPORTIONED NON-COMPOSITELY.

   PROVIDE DECK PROPORTIONED ALSO TO SATISFY THE FOLLOWING CRITERIA FOR FUNCTION AS A FORM:

   A. DEAD LOAD DEFLECTION LIMITED TO 1/180 OF SPAN OR .75", WHICHEVER IS SMALLER.
3. FOR DECK SUPPORTING CANTILEVERS, PROVIDE DECK PROPORTIONED TO SATISFY THE FOLLOWING CRITERIA FOR FUNCTION AS A FORM:

   A. DEAD LOAD DEFLECTION LIMITED TO 1/90 OF OVERHANG OR .375", WHICHEVER IS SMALLER.
4. SLABS WITH BOTTOM BARS HAVE BEEN REINFORCED TO CARRY ALL LOADS EXCLUSIVE OF DECK. IN THESE INSTANCES, DECK SHALL BE PROPORTIONED FOR FUNCTION AS A FORM IN ACCORDANCE WITH NOTES 2 AND 3 ABOVE.
5. NW INDICATES NORMAL WEIGHT AGGREGATE CONCRETE. LW INDICATES LIGHTWEIGHT AGGREGATE CONCRETE.
6. PROVIDE ADDITIONAL CONCRETE AS REQUIRED TO COMPENSATE FOR DEFLECTIONS OF BEAMS AND OF STEEL DECK.

TYPE	DECK DEPTH (IN)	SLAB		SUPERIMPOSED LOAD (PSF)	REINFORCING		REMARKS
		DEPTH (IN)	AGGREGATE		WWF OR REBAR GRID	BOTTOM BARS	
1	3	4 1/2	7 1/2	215	6x6 - W2.1xW2.1 OR #3@16	#4@12	
2	3	3 1/4	6 1/4	225	6x6 - W2.1xW2.1 OR #3@16	#4@12	
3	1 1/2	0	1 1/2	100	NONE	NONE	NO SLAB ON DECK

A SLAB/STEEL DECK NOTES & SCHEDULE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · 072540 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

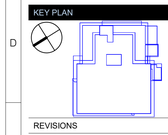
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: NTS

SHEET NAME:
SLAB/STEEL DECK TYPICAL DETAILS

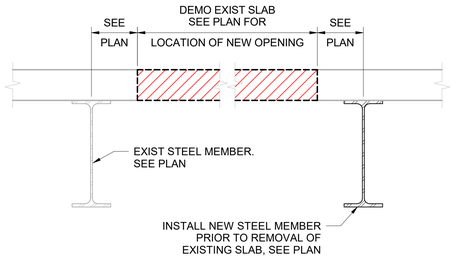
SHEET NUMBER:
S-412

BID SET

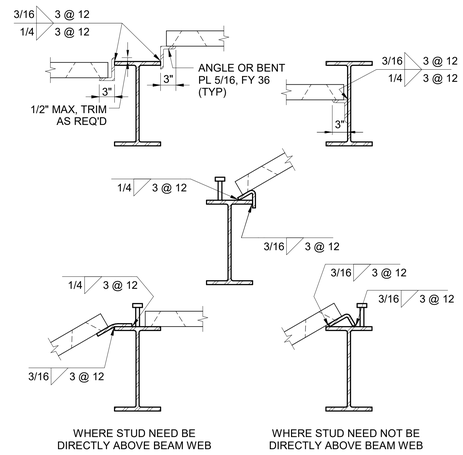
© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

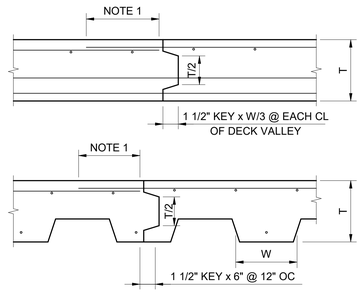
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



D NEW OPENING ON EXISTING SLAB ON DECK



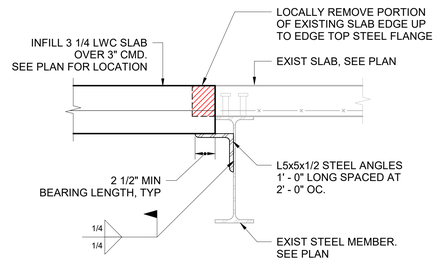
A DECK SUPPORT



NOTE:

TENSION SPLICE IN REBAR GRID ONLY WHERE ACCEPTED BY STRUCTURAL ENGINEER. STAGGER SPLICE.

B CONSTRUCTION JOINT



C LWC INFILL SUPPORT ON EXISTING STRUCTURE

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GOODRICH · LICENSED PROFESSIONAL ENGINEER · No. 072560

SUCF Project No. 081056-00

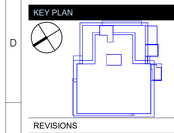
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

SCALE: As indicated

SHEET NAME:
SLAB/STEEL DECK
TYPICAL DETAILS

SHEET NUMBER:
S-413

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

1. WHERE DECK SPANS PERPENDICULAR TO BEAMS, THE SHEAR CONNECTORS SHALL BE PLACED IN VALLEYS WITH A MAXIMUM OF 2 SHEAR CONNECTORS PER VALLEY, UNLESS OTHERWISE NOTED. SHEAR CONNECTORS SHALL BE KEPT CLEAR OF DECK ENDS, SEAMS, AND EMBOSSMENTS. SHEAR CONNECTORS SHALL NOT BE PLACED UNDER OR WITHIN 3" OF TRENCH HEADERS OR ELEVATORS SHEAVE BEAMS.

2. WHERE A SINGLE NUMBER IS INDICATED [ ] IN PLAN, THE NUMBER OF SHEAR CONNECTORS SHALL BE DISTRIBUTED UNIFORMLY ALONG THE LENGTH OF THE BEAM, UNLESS OTHERWISE NOTED.

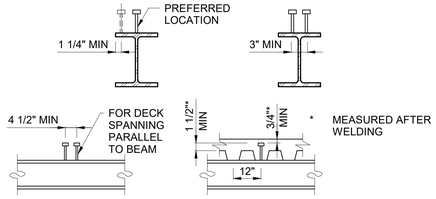
3. WHERE A SINGLE NUMBER IS INDICATED [ ] IN PLAN AND THE EXTENT IS DESIGNATED BY ARROWS, THE NUMBER OF SHEAR CONNECTORS SHALL BE DISTRIBUTED UNIFORMLY ALONG THE DESIGNATED LENGTH.

4. WHERE [MIN] IS INDICATED IN PLAN, PROVIDE SHEAR CONNECTORS AT 24" OC.

5. UNIFORM SPACING ON BEAMS WITH DECK SPANNING PERPENDICULAR SHALL BE ACHIEVED AS FOLLOWS (WHERE CENTER-TO-CENTER SPACING OF DECK VALLEYS IS 12"):

   - WHERE THE NUMBER OF SHEAR CONNECTORS IS LESS THAN THE NUMBER OF VALLEYS, INTERMIX 12" AND 24" SPACING.

   - WHERE THE NUMBER OF SHEAR CONNECTORS IS GREATER THAN THE NUMBER OF VALLEYS, INTERMIX ONE SHEAR CONNECTOR PER VALLEY WITH TWO SHEAR CONNECTORS PER VALLEY APPLICATION, WITH A MAXIMUM SPACING OF 12" OC.



A STUD SHEAR CONNECTIONS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R GONZALEZ · 072540 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

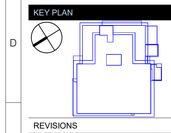
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/2026

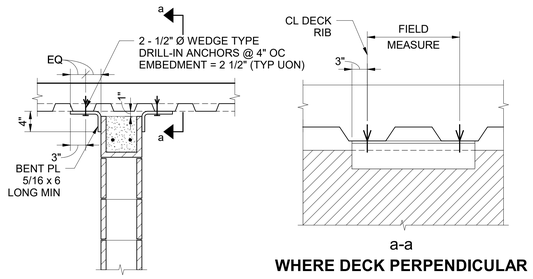
SCALE: NTS

SHEET NAME:
DECK SUPPORT & STUD SHEAR CONNECTIORS TYP DETAILS

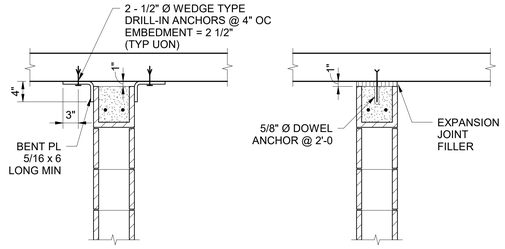
SHEET NUMBER:
S-414

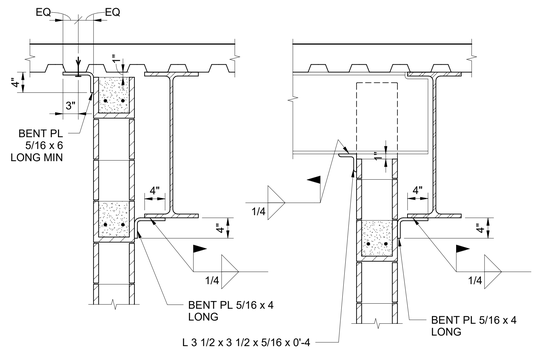
BID SET

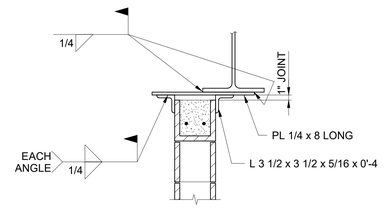
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



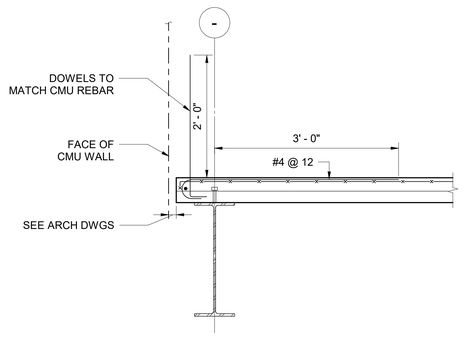
WHERE DECK PERPENDICULAR







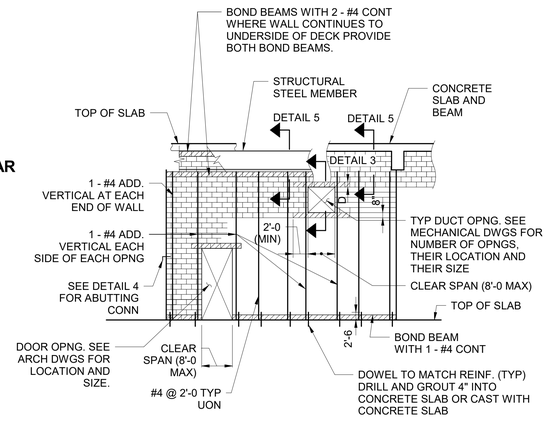
B.5 WALL BRACING DETAIL (PROVIDE @ 4'-0 UON)
NON-LOAD BEARING WALL



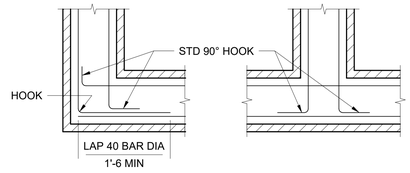
B.6 CMU PARAPET DETAIL
NON-LOAD BEARING WALL

NOTES:

1. SEE GENERAL CMU WALL NOTES.



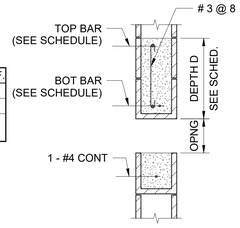
B.1 REINFORCED CMU WALL
NON-LOAD BEARING WALL



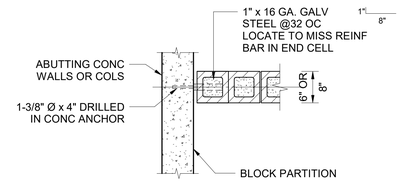
CORNER **INTERSECTION**

B.2 HORIZONTAL BOND BEAM TYPICAL DETAILS
NON-LOAD BEARING WALL

CLEAR SPAN	DEPTH, D	HORIZ. REINF.
4'-0 OR LESS	8"	2 - #4 BOT
> 4'-0 TO 6'-4	16"	2 - #5 BOT
>6'-4 TO 8'-0	16"	2 - #6 BOT 1 - #4 TOP



B.3 LINTEL DETAILS
NON-LOAD BEARING WALL



DETAIL 1

B.4 WALL EDGE SUPPORT
NON-LOAD BEARING WALL

B NON-LOAD BEARING CMU - SUGGESTED DETAILS
NTS

MORTAR & TYPE		
MORTAR	TYPE	AVERAGE COMPRESSIVE STRENGTH AT 28 DAYS, MIN, PSI, (Fm)
CEMENT-LIME ASTM C150 ASTM C270	M	2500
	S	1800
	N	750
	O	350
MORTAR CEMENT ASTM C1329	M	2500
	S	1800
	N	750
	O	350
MASONRY CEMENT ASTM C91	M	2500
	S	1800
	N	750
	O	350

FROM ASTM C-270, TABLE 2

A.3 TABLE 2: MORTAR & TYPE
(TABLE 2 FROM ASTM C-270)

MORTAR TYPE RECOMMENDATION	
MORTAR TYPE	RECOMMENDED USE
M	FOR USE WHEN HIGH DURABILITY IS REQUIRED (IN CONTACT WITH SOIL OF RETAINING WALL) OR VERY HIGH COMPRESSIVE STRENGTH SYSTEM IS DESIGNED (HIGH-RISE LOADBEARING MASONRY BUILDING)
S	GENERAL USE IN HIGH SEISMIC DESIGN CATEGORIES
N	GENERAL USE IN MODERATE OR LOW SEISMIC DESIGN CATEGORIES
O	FOR USE WHEN LOW STRENGTH IS REQUIRED (REPOINTING HISTORIC BUILDING)

GUIDE FOR SELECTION OF MASONRY MORTAR			
LOCATION	BUILDING SEGMENT	MORTAR TYPE	
		RECOMMENDED	ALTERNATIVE
EXTERIOR, ABOVE GRADE	LOAD-BEARING WALL	N	S OR M
	NON-LOAD BEARING WALL	O	N OR S
	PARAPET WALL	N	S
EXTERIOR, AT OR BELOW GRADE	FOUNDATION WALL, RETAINING WALL, MANHOLES, SEWERS, PAVEMENTS, WALKS AND PATIOS	S	M OR N
INTERIOR	LOAD-BEARING WALL	N	S OR M
	NON-BEARING PARTITION	O	N
INTERIOR OR EXTERIOR TUCK POINTING APPLICATIONS	INTERIOR	O	N
	EXTERIOR, ABOVE GRADE EXPOSED ON ONE SIDE, UNLIKELY TO BE FROZEN WHEN SATURATED, NOT SUBJECT TO HIGH WIND OR OTHER SIGNIFICANT LATERAL LOAD	O	N
	EXTERIOR, OTHER THAN ABOVE	N	O

FROM ASTM C-270, TABLE XI.I

A.4 TABLE 3: MORTAR TYPE RECOMMENDATION

A GENERAL NOTES
1" = 1'-0"

GENERAL CMU WALL NOTES:

1.

1. F'm = COMPRESSIVE STRENGTH OF MASONRY SYSTEM, PSI.
   Fm = COMPRESSIVE STRENGTH OF MORTAR, PSI.
   F'g = COMPRESSIVE STRENGTH OF GROUT, PSI.
   Fblock = COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS, PSI.
2. PM CHOOSE EITHER:

   OPTION 1 ONLY 2-CELL NORMAL WEIGHT BLOCK SHALL BE USED.
3. ALL BLOCK SHALL BE LAID IN RUNNING BOND.
4. MASONRY SYSTEM: COMPRESSIVE STRENGTH, F'm ≥ XXXX PSI. FOR CMU IN CONTACT WITH SOIL, USE TYPE V SULFATE RESISTING CEMENT.
5. MORTAR: X, TYPE Y, Fm = Z PSI. FOR CMU IN CONTACT WITH SOIL, USE TYPE V SULFATE RESISTING CEMENT. MORTAR SHALL CONFORM TO ASTM C270. TWO AIR-ENTRAINING MATERIAL SHALL NOT BE COMBINED IN MORTAR.
6. BLOCK: Fblock = 2800 PSI. BLOCK SHALL CONFORM TO ASTM C90.
7. GROUT; TYPE X, F'g ≥ XXXX PSI. FILL ALL CELLS AND BOND BEAMS CONTAINING REINFORCING STEEL.
8. HORIZONTAL JOINT REINFORCEMENT: SHALL BE COMPOSED OF STEEL WIRE CONFORMING TO ASTM A82 AND GALVANIZED IN ACCORDANCE WITH ASTM A641. UNLESS NOTED OTHERWISE, PROVIDE AS A MINIMUM, DUR-O-WALL TRUSS TYPE 9 GA @ 16" OC, UON.
9. TOP SUPPORT: PROVIDE LATERAL SUPPORT AT TOP OF NON LOAD-BEARING WALLS IN ACCORD WITH SUGGESTED DETAILS.

A.1 NON-LOAD BEARING CMU GENERAL NOTES

COMPRESSIVE STRENGTH OF CONCRETE MASONRY SYSTEM		
NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS, PSI, (Fblock)		NET AREA COMPRESSIVE STRENGTH OF MASONRY SYSTEM, PSI * (F'M,net)
TYPE M OR S MORTAR	TYPE N MORTAR	
~~1250~~	~~1300~~	~~1000~~
1900	2150	1500
2800	3050	2000
3750	4050	2500
4800	5250	3000

FROM ACI 530.1-05, SPECIFICATION, TABLE 2

* FOR UNITS LESS THAN 4 INCHES IN HEIGHT, USE 85 PERCENT OF THE VALUE LISTED.

A.2 TABLE 1: COMPRESSIVE STRENGTH OF MASONRY SYSTEM

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALES · No. 072560 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

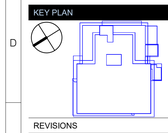
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

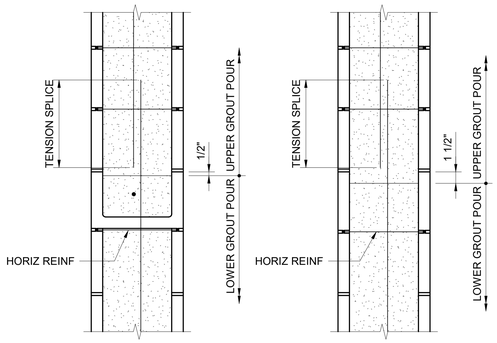
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME: REINFORCED CMU WALL TYPICAL DETAILS
SHEET NUMBER: S-415

BID SET

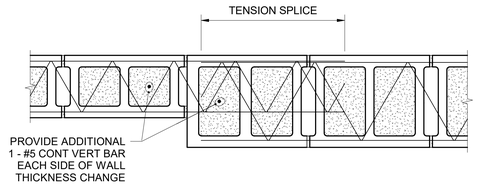
© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

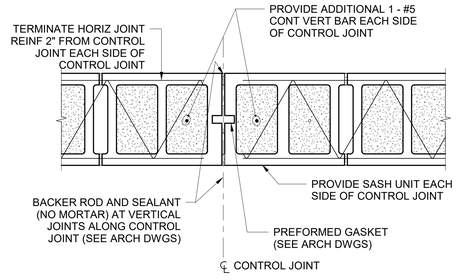


AT BOND BEAM **TYPICAL**

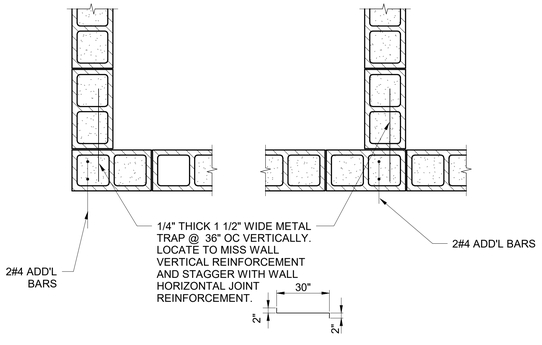
HORIZONTAL CONSTRUCTION JOINT



CHANGE IN WALL THICKNESS



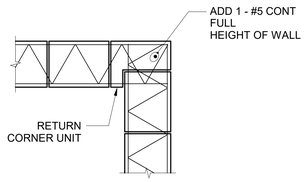
VERTICAL CONTROL JOINT



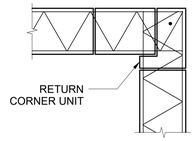
FOR FULLY GROUTED CMU WALL ONLY

C.3 JOINT DETAILS

PATTERN 1



PATTERN 2

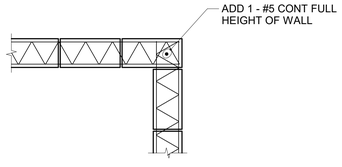


NOTES:

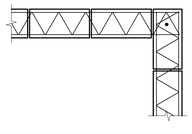
1. ALTERNATE THROUGH PATTERNS 1 AND 2 FOR PLACEMENT OF CMU AT WALL INTERSECTION.
2. CONTRACTOR'S OPTION TO PROVIDE ALTERNATE MEANS OF ANCHORING INTERSECTING WALLS IN ACCORDANCE WITH BUILDING CODE PROVISION 2109.8.1 SUBJECT TO ACCEPTANCE BY STRUCTURAL ENGINEER AND ARCHITECT.
3. CONTRACTOR SHALL SUBMIT PROCEDURE FOR CONFORMING TO BUILDING CODE PROVISION 2109.8.1 AT NON - ORTHOGONAL INTERSECTIONS.

12" CMU WALL CORNER

PATTERN 1



PATTERN 2

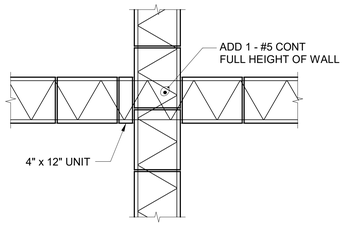


NOTES:

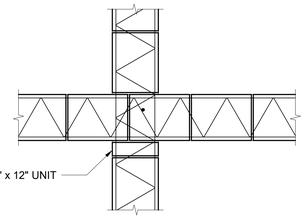
1. ALTERNATE THROUGH PATTERNS 1 AND 2 FOR PLACEMENT OF CMU AT WALL INTERSECTION.

8" CMU WALL CORNER

PATTERN 1



PATTERN 2



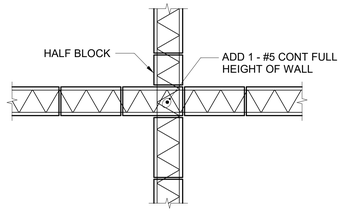
NOTES:

1. ALTERNATE THROUGH PATTERNS 1 AND 2 FOR PLACEMENT OF CMU AT WALL INTERSECTION.
2. CONTRACTOR'S OPTION TO PROVIDE ALTERNATE MEANS OF ANCHORING INTERSECTING WALLS IN ACCORDANCE WITH BUILDING CODE PROVISION 2109.8.1 SUBJECT TO ACCEPTANCE BY STRUCTURAL ENGINEER AND ARCHITECT.
3. CONTRACTOR SHALL SUBMIT PROCEDURE FOR CONFORMING TO BUILDING CODE PROVISION 2109.8.1 AT NON - ORTHOGONAL INTERSECTIONS.

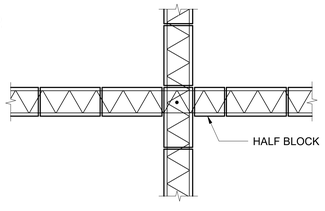
12" CMU WALL INTERSECTION - TYPE B

C.1 12" CMU WALL PATTERNS

PATTERN 1



PATTERN 2



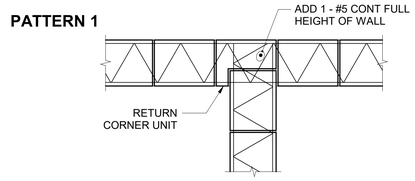
NOTES:

1. ALTERNATE THROUGH PATTERNS 1 AND 2 FOR PLACEMENT OF CMU AT WALL INTERSECTION.

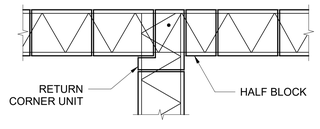
8" CMU WALL CORNER - TYPE B

C.2 8" CMU WALL PATTERNS

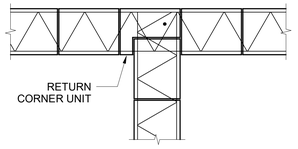
PATTERN 1



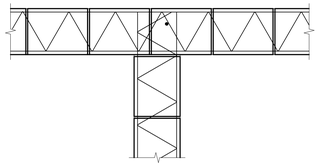
PATTERN 2



PATTERN 3



PATTERN 4

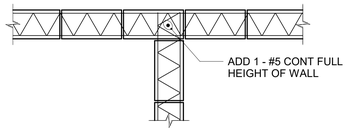


NOTES:

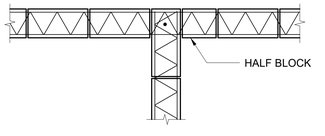
1. ALTERNATE THROUGH PATTERNS 1, 2, 3, AND 4 FOR PLACEMENT OF CMU AT WALL INTERSECTION.
2. CONTRACTOR'S OPTION TO PROVIDE ALTERNATE MEANS OF ANCHORING INTERSECTING WALLS IN ACCORDANCE WITH BUILDING CODE PROVISION 2109.8.1 SUBJECT TO ACCEPTANCE BY STRUCTURAL ENGINEER AND ARCHITECT.
3. CONTRACTOR SHALL SUBMIT PROCEDURE FOR CONFORMING TO BUILDING CODE PROVISION 2109.8.1 AT NON - ORTHOGONAL INTERSECTIONS.

12" CMU WALL INTERSECTION - TYPE A

PATTERN 1



PATTERN 2



NOTES:

1. ALTERNATE THROUGH PATTERNS 1 AND 2 FOR PLACEMENT OF CMU AT WALL INTERSECTION.

8" CMU WALL CORNER - TYPE A

C LAYOUT PATTERNS & JOINT DETAILS

NTS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DETAIL # | TITLE:

REMARKS: | CODE:

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · GUNDAR R GONZALEZ · LICENSED PROFESSIONAL ENGINEER · No. 072540

SUCF Project No. 081056-00

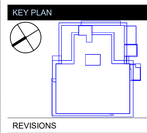
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



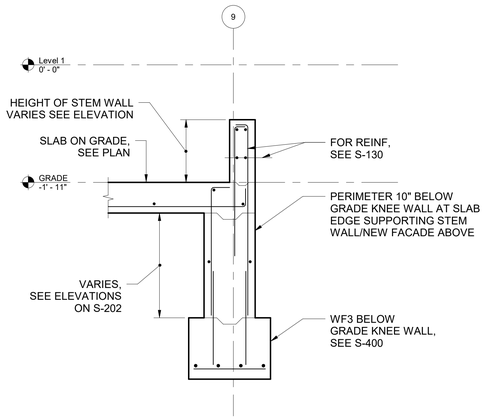
REVISIONS

No.	Description	Date

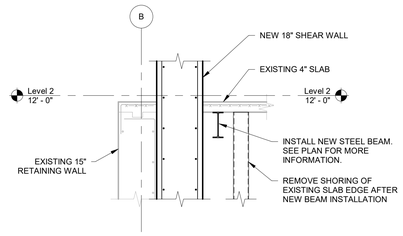
ISSUED: BID SET
DATE: 08/17/2026
SCALE: NTS
SHEET NAME:
REINFORCED CMU WALL TYPICAL DETAILS
SHEET NUMBER:
S-416

BID SET

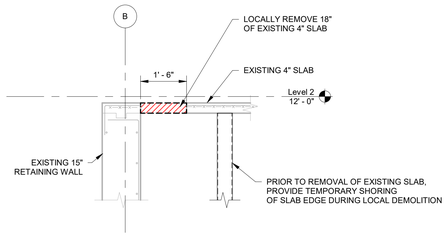
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



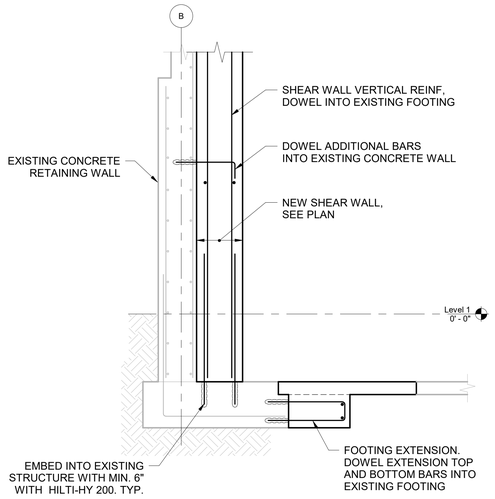
C **BELOW GRADE KNEE WALL SECTION**
1" = 1'-0"



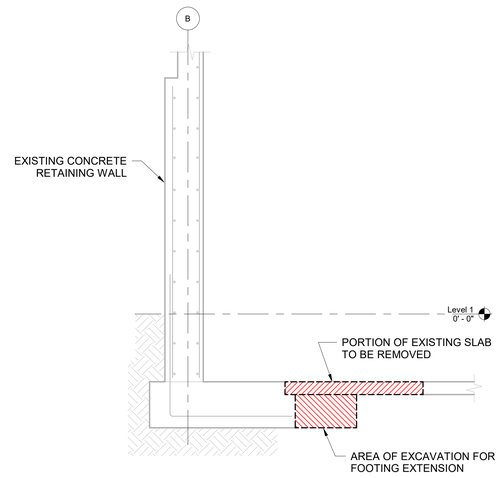
NEW CONSTRUCTION



DEMOLITION



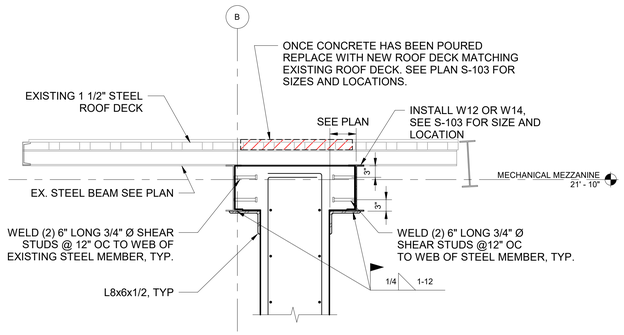
NEW CONSTRUCTION



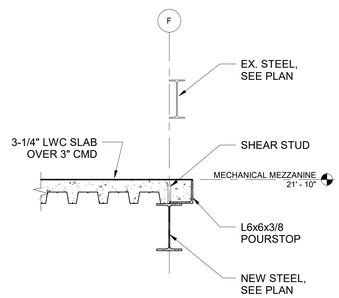
DEMOLITION

A **EXISTING TO NEW SHEAR WALL CONSTRUCTION INTERFACE AT LEVEL 1**
1/2" = 1'-0"

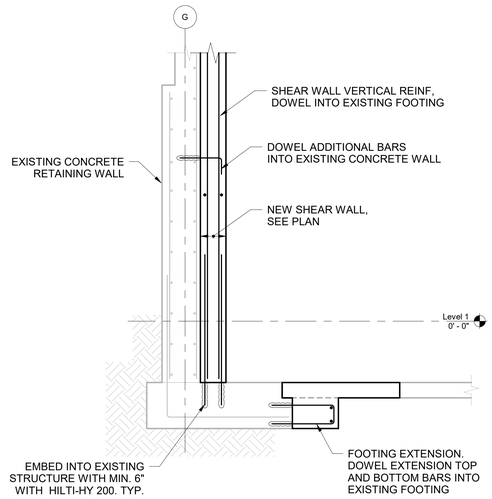
D **EXISTING TO NEW SHEAR WALL CONSTRUCTION INTERFACE AT LEVEL 2**
1/2" = 1'-0"



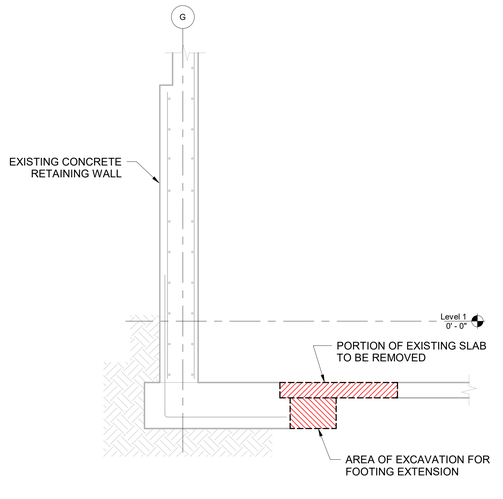
F **SHEAR WALL CONNECTION TO ROOF FRAMING SECTION**
3/4" = 1'-0"



E **EDGE OF SLAB DETAIL @ MECHANICAL PENTHOUSE**
3/4" = 1'-0"



NEW CONSTRUCTION



DEMOLITION

B **EXISTING TO NEW SHEAR WALL CONSTRUCTION INTERFACE AT LEVEL 1**
1/2" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. CONCEDI · 072620 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

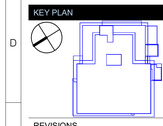
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



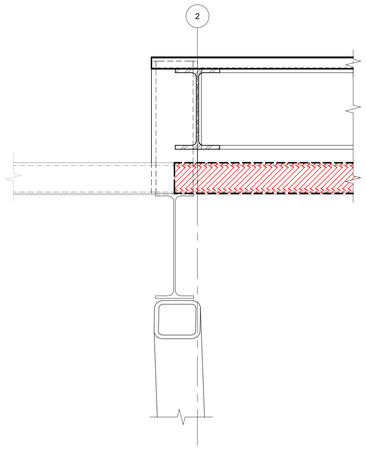
REVISIONS

No.	Description	Date

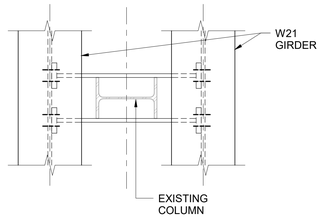
ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME:
SECTIONS AND DETAILS

SHEET NUMBER:
S-500

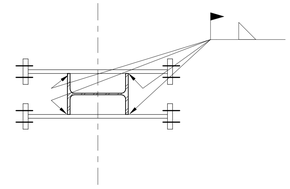
BID SET



E MECHANICAL MEZZANINE ROOF EXISTING STEEL TO NEW STEEL CONNECTION DETAIL
1 1/2" = 1'-0"

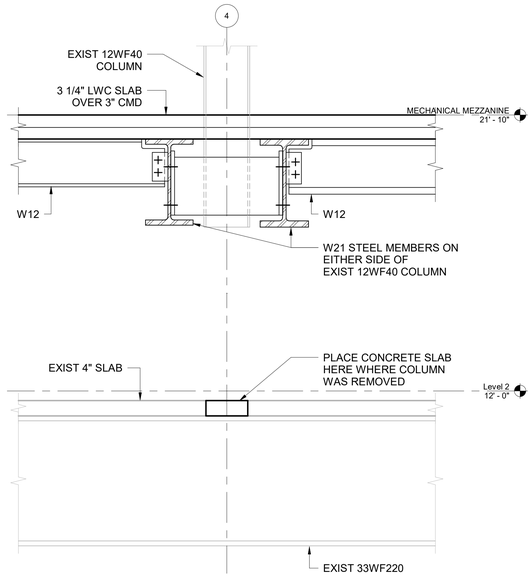


STEP 2·
BOLT W21 GIRDERS TO COLUMN JACKET

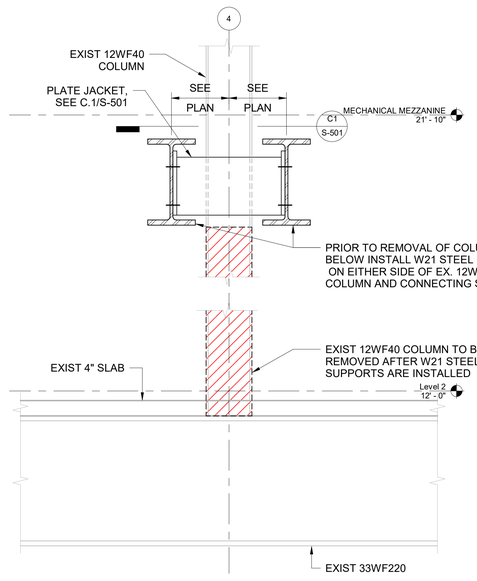


STEP 1:
WELD JACKET TO EXISTING COLUMN

C1 MECHANICAL MEZZANINE COLUMN PICKUP SEQUENCE DETAIL
1" = 1'-0"

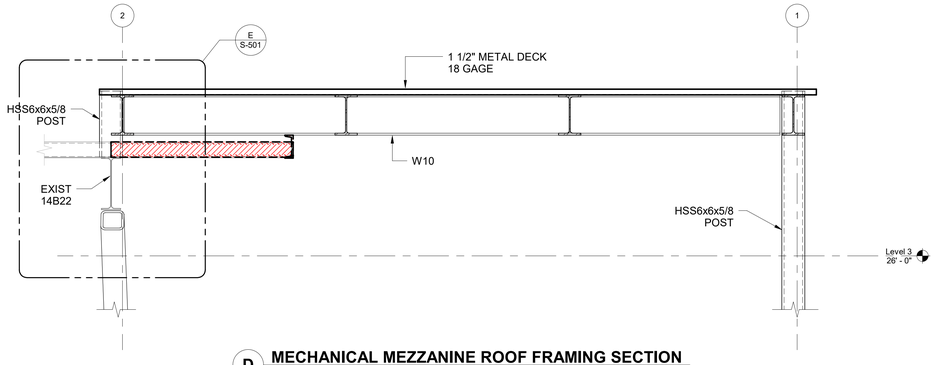


NEW CONSTRUCTION



DEMOLITION

C2 COLUMN TRANSFER AT MECHANICAL PENTHOUSE LEVEL
3/4" = 1'-0"



D MECHANICAL MEZZANINE ROOF FRAMING SECTION
3/4" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · 087260 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

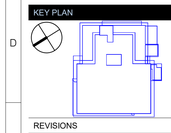
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

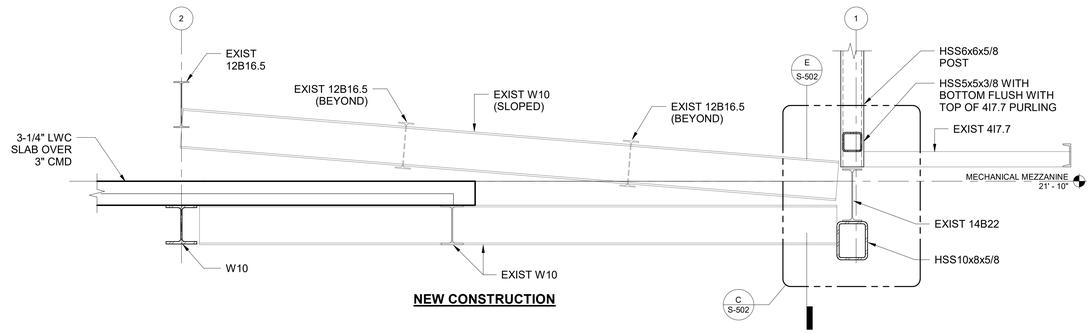
No.	Description	Date

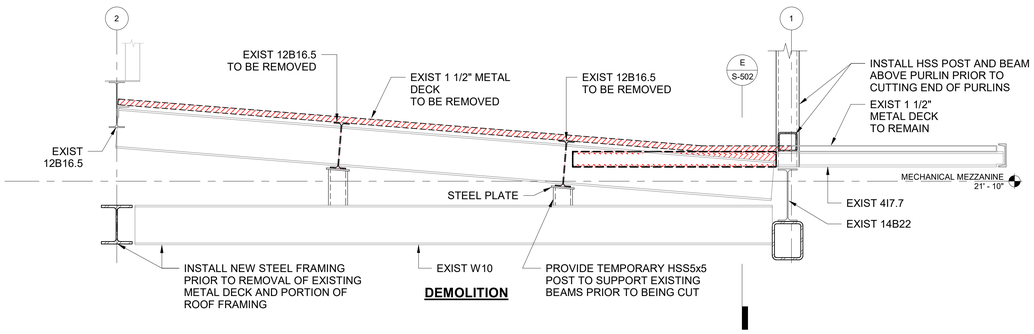
ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME:
SECTIONS AND DETAILS

SHEET NUMBER:
S-501

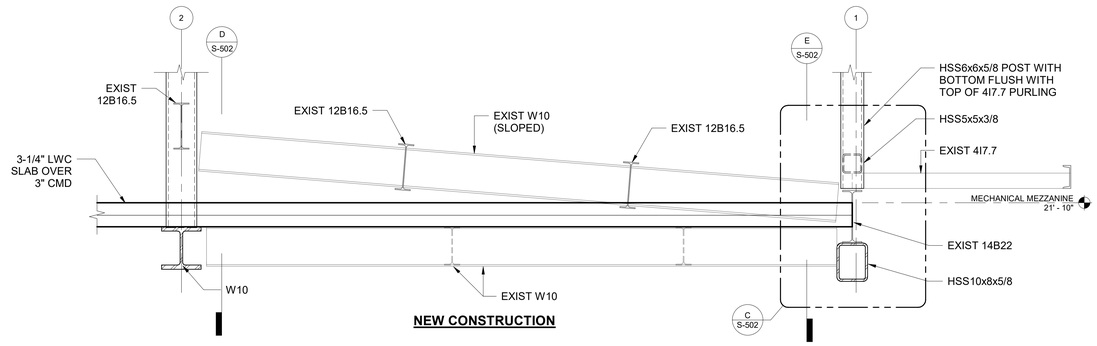
BID SET

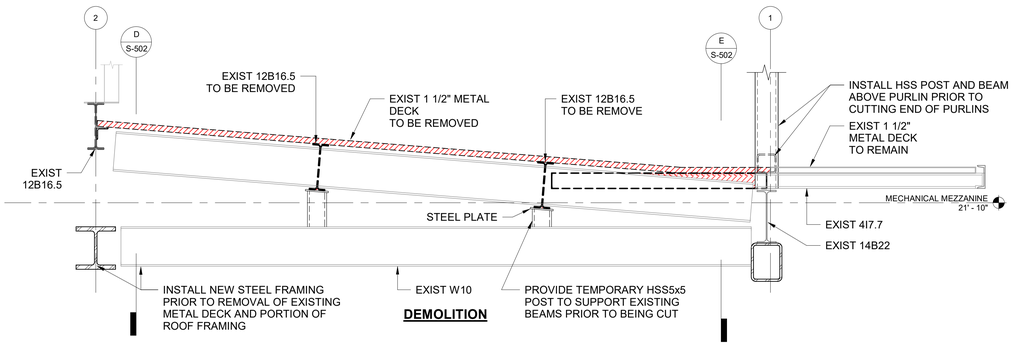
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



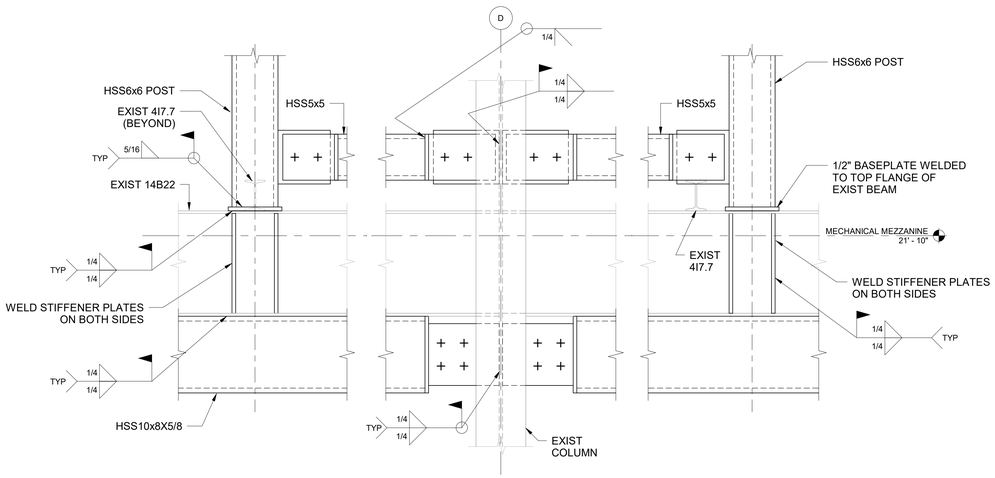


A NEW STEEL FRAMING SECTION @ PENTHOUSE ADDITION (WEST)
3/4" = 1'-0"

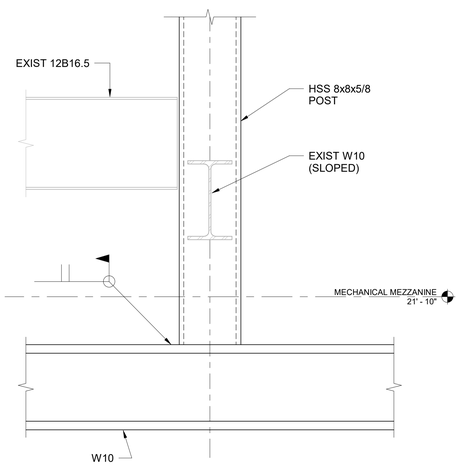




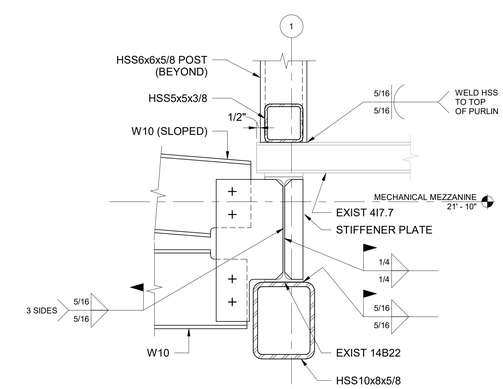
B NEW STEEL FRAMING SECTION @ PENTHOUSE ADDITION (EAST)
3/4" = 1'-0"



E NEW STEEL FRAMING SECTION @ PENTHOUSE ADDITION (NORTH)
1 1/2" = 1'-0"



D NEW STEEL FRAMING SECTION @ PENTHOUSE ADDITION (SOUTH)
1 1/2" = 1'-0"



C NEW STEEL FRAMING DETAIL @ NORTH EDGE OF PENTHOUSE ADDITION
1 1/2" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DONALD R. GOLDSTICK · LICENSED PROFESSIONAL ENGINEER · No. 072520

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

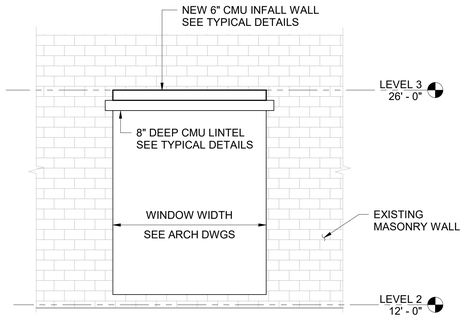
KEY PLAN

REVISIONS

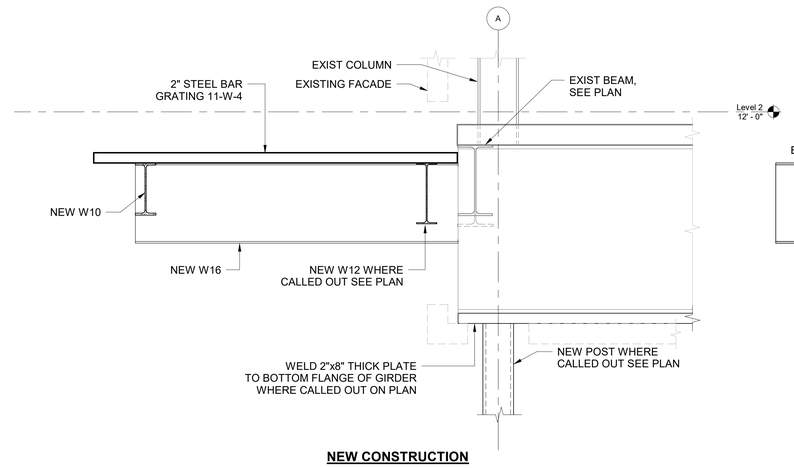
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: SECTIONS AND DETAILS
SHEET NUMBER: S-502

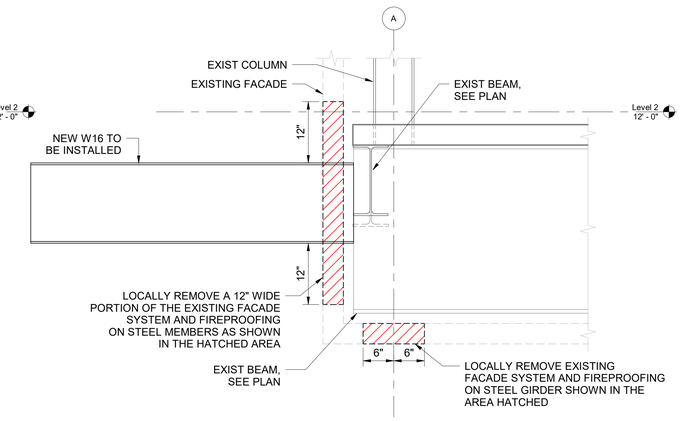
BID SET



B CMU LINTEL SUPPORT @ REDUCED WINDOW HEIGHTS
1/4" = 1'-0"

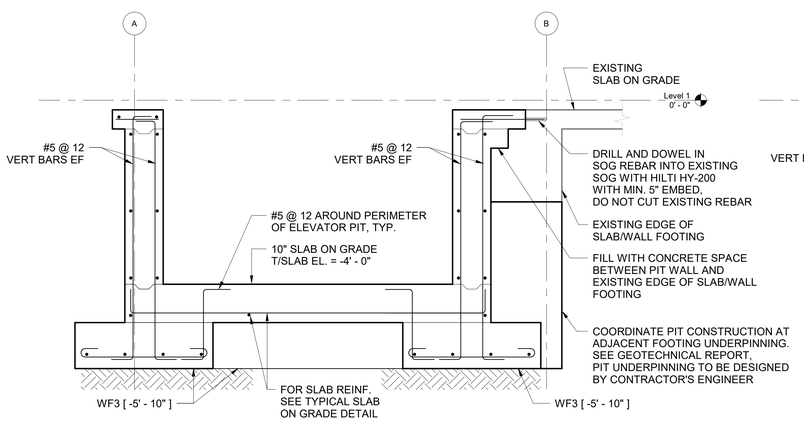


NEW CONSTRUCTION

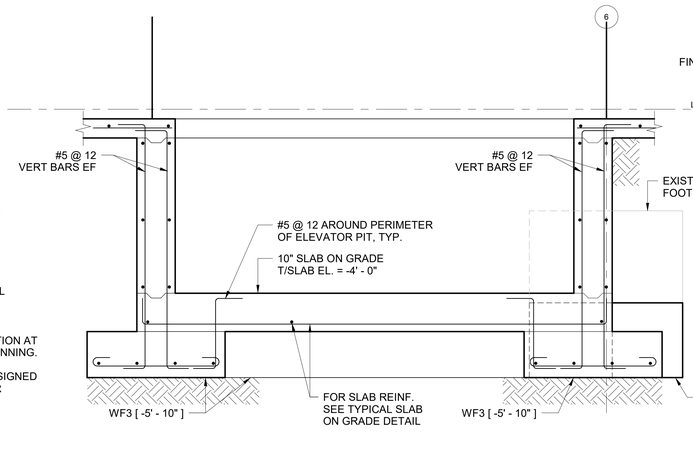


EXISTING CONDITION

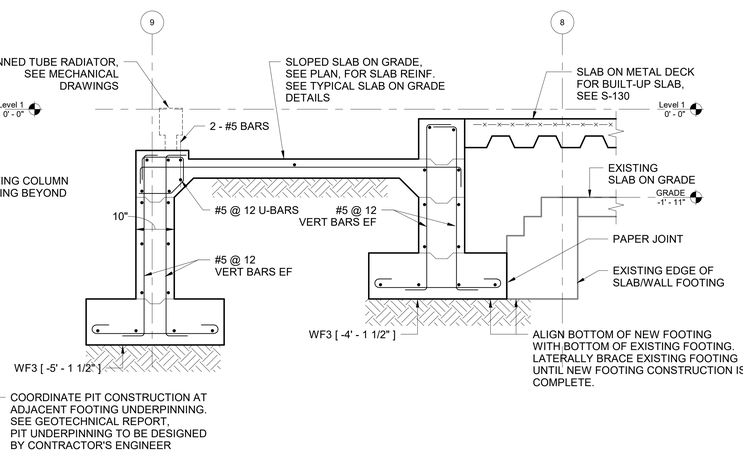
A NEW/EXISTING STEEL FRAMING INTERFACE AT EXISTING GIRDERS
1" = 1'-0"



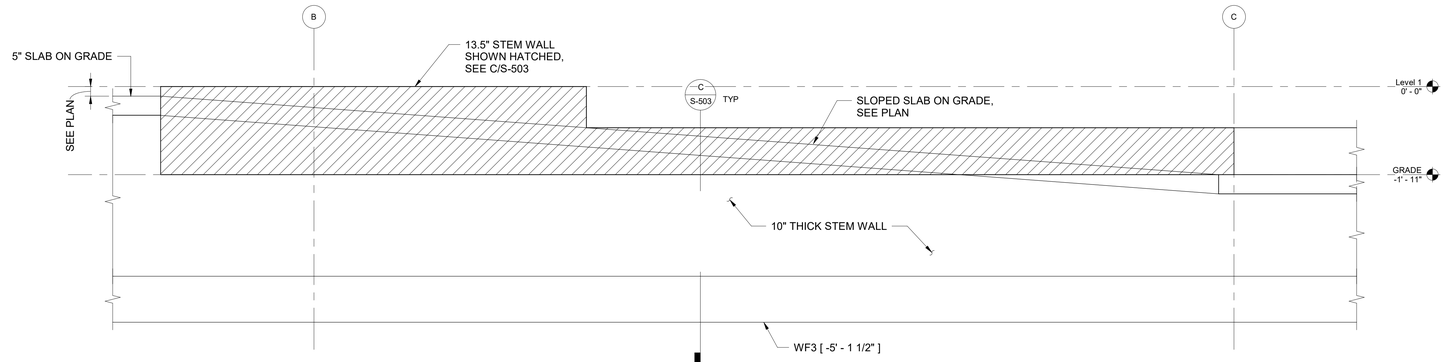
F ELEVATOR PIT EAST-WEST SECTION
3/4" = 1'-0"



E ELEVATOR PIT NORTH-SOUTH SECTION
3/4" = 1'-0"



C CONCRETE RAMP SECTION
3/4" = 1'-0"



D CONCRETE RAMP SLAB DETAIL
3/4" = 1'-0"

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOUGLAS R. GONZALEZ · 072160 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

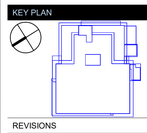
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

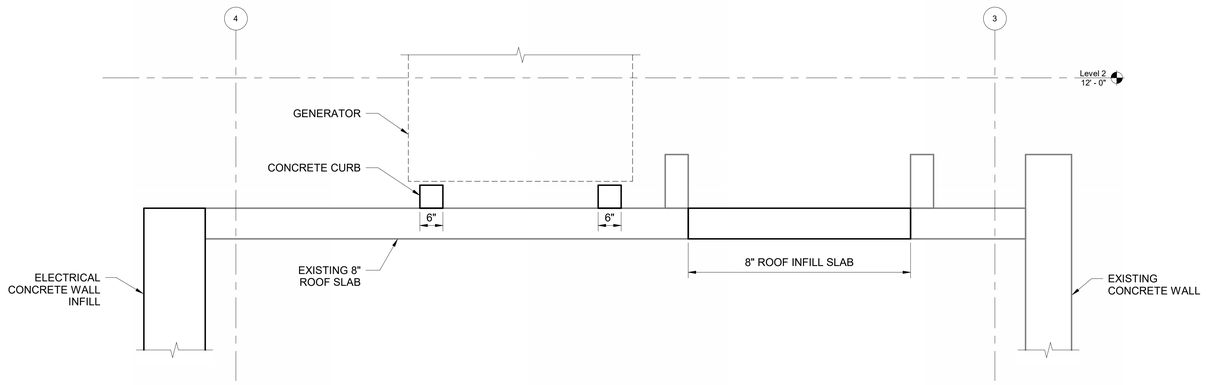


REVISIONS

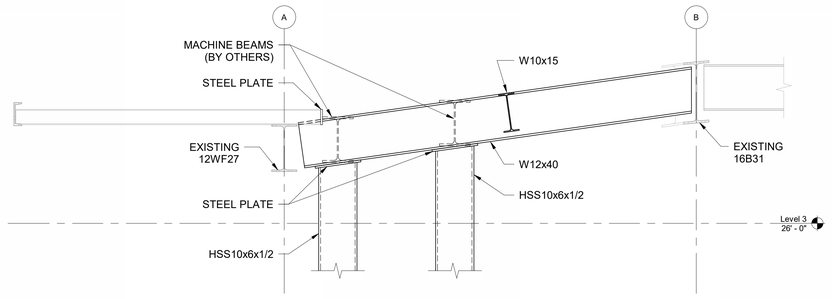
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: SECTIONS AND DETAILS
SHEET NUMBER: S-503

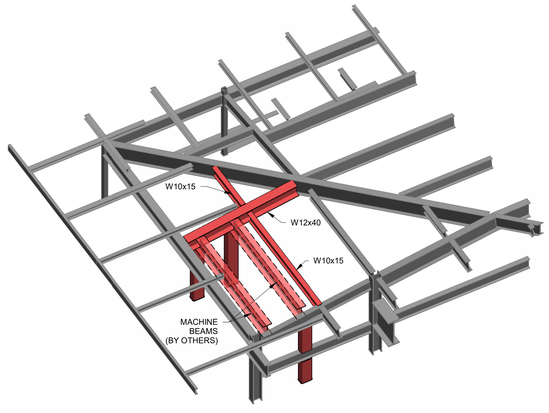
BID SET



A **EXISTING CONCRETE ROOF SECTION**
3/4" = 1'-0"



B **ELEVATOR SEPARATOR POST ROOF SECTION**
3/4" = 1'-0"



C **ELEVATOR STEEL FRAMING 3D-VIEW AT ROOF**
NTS

© Copyright LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P.

WARNING: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A PROFESSIONAL, LICENSED IN THE STATE OF THIS PROJECT, TO ALTER IN ANY WAY THESE DRAWINGS. WHERE ANY ITEM IS ALTERED, THE SUPERVISING PROFESSIONAL SHALL AFFIX TO THE ITEM HIS SEAL AND THE INSCRIPTION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK
DOUGLAS R GONZALEZ
LICENSED PROFESSIONAL ENGINEER
No. 072540

SUCF Project No. 081056-00

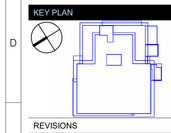
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/2026
SCALE: 3/4" = 1'-0"
SHEET NAME:
SECTIONS AND DETAILS

SHEET NUMBER:
S-504

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HVAC DEMOLITION NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
2. REMOVE ALL EQUIPMENT, DUCTWORK AND PIPING AS INDICATED ON PLAN. REMOVALS SHALL INCLUDE ALL SUPPORTS AND HANGERS, HOUSEKEEPING PADS, DAMPERS, VALVES, FITTINGS, CONTROLS AND ASSOCIATED LOW VOLTAGE WIRING, AND ANY OTHER ASSOCIATED ACCESSORIES WHICH PERTAIN TO THE EQUIPMENT TO BE REMOVED.
3. REMOVAL OF ALL POWER CONNECTIONS TO DEMOLITION ITEMS SHALL BE BY THE E.C.
4. ANY DISCREPANCIES BETWEEN THE DEMOLITION PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. ANY DEMOLITION WORK WHICH MAY BE QUESTIONABLE DUE TO UNFORESEEN FIELD CONDITIONS SHALL NOT BE REMOVED UNTIL REVIEWED BY THE ARCHITECT, ENGINEER OR BUILDING FACILITIES MANAGER.
5. DEMOLITION WORK SHALL INCLUDE THE PREPARATION OF EXISTING EQUIPMENT FOR CONNECTION TO NEW EQUIPMENT. COORDINATE DEMOLITION WORK WITH THE CONSTRUCTION PLANS.
6. ALL EQUIPMENT REMOVALS SHALL BECOME THE PROPERTY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF DEMOLITION ITEMS OFF-SITE, UNLESS OTHERWISE NOTED.
7. ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
8. IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.
9. THE PLANS ARE INTENDED TO CONVEY THE EXTENT AND SCOPE OF THE DEMOLITION WORK. EVERY ITEM INTENDED FOR REMOVAL MAY NOT BE SHOWN. THE CONTRACTOR IS ADVISED TO SURVEY THE PROJECT SITE BEFORE SUBMITTING A BID FOR DEMOLITION WORK.

GENERAL NOTES:

1. THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL HVAC WORK WITH OTHER TRADES AND THE BUILDING STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH OTHER SYSTEMS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF HIS WORK.
3. ACCESS PANELS SHALL BE PROVIDED IN CEILINGS, WALLS, FLOORS, ETC., AS REQUIRED TO MAINTAIN ACCESSIBILITY TO VALVES, DAMPERS, TRAPS, COILS, ETC.
4. PROVIDE DUCT ACCESS DOORS AT ALL MOTORIZED DAMPERS, FIRE DAMPERS, AND SMOKE DAMPERS.
5. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.
6. ALL DUCTWORK PASSING THROUGH A FIRE RATED PARTITION SHALL BE PROVIDED WITH A FIRE DAMPER TO MAINTAIN THE FIRE RATING OF THE PARTITION.
7. LOCATIONS OF DIFFUSERS AND GRILLES ARE APPROXIMATE. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS.
8. ALL BRANCHES AND TAKE-OFFS SHALL BE EQUIPPED WITH VOLUME CONTROL DAMPERS. DAMPERS TO BE OPPOSED BLADE TYPE, 4" MAX. BLADE HEIGHT. VOLUME DAMPERS TO BE LOCATED AS NEAR TO THE POINT OF TAKE-OFF AS PRACTICAL.
9. FLEXIBLE DUCT CONNECTIONS SHALL BE LIMITED TO A MAXIMUM LENGTH OF FIVE (5) FEET AND SUPPORTED AT MID-POINT.
10. ALL SUPPLY & RETURN AIR DUCTWORK SHALL BE INSULATED.
11. PROVIDE SHUT-OFF VALVES AT ALL PIPING BRANCH TAKE-OFFS AND AT ALL CONNECTIONS TO EQUIPMENT.
12. PROVIDE DRAINS WITH HOSE ADAPTERS AND CAPS ON **PIPING AT ALL LOW POINTS. PROVIDE MANUAL VENTS ON PIPING AT ALL HIGH POINTS.**
13. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
14. ALL MOTOR STARTERS SHALL BE FURNISHED BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
15. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE FURNISHED & INSTALLED BY THE HVAC CONTRACTOR.
16. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE REFERENCED EQUIPMENT OR SYSTEMS IN THEIR ENTIRETY AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
17. CONTRACTOR SHALL PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
18. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT; DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
19. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

DUCTWORK SYMBOLS

- AxB — DUCTWORK DOUBLE LINE REPRESENTATION: "A" INDICATES DUCT WIDTH; "B" INDICATES DUCT DEPTH.
- AxB — DUCTWORK SINGLE LINE REPRESENTATION: "A" INDICATES DUCT WIDTH; "B" INDICATES DUCT DEPTH.
- SUPPLY AIR DUCT UP
- SUPPLY AIR DUCT DOWN
- RETURN AIR DUCT UP
- RETURN AIR DUCT DOWN
- EXHAUST AIR DUCT UP
- EXHAUST AIR DUCT DOWN
- FLEXIBLE DUCTWORK
- SUPPLY AIR FLOW
- RETURN/EXHAUST AIR FLOW
- VOLUME DAMPER
- MOTORIZED DAMPER w/ ACCESS DOOR
- FIRE DAMPER W/ ACCESS DOOR
- SUPPLY AIR TERMINAL
- RETURN/EXHAUST AIR TERMINAL
- EXHAUST AIR TERMINAL

PIPING SYMBOLS

- DIRECTION OF FLOW
- ANCHOR
- PIPE GUIDE
- REDUCER OR INCREASER
- ECCENTRIC REDUCER
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- PIPE DOWN TURN
- PIPE RISE
- UNION

GENERAL SYMBOLS

- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- POINT OF DISCONNECT
- INDICATES SECTION LETTER
- INDICATES DRAWING NUMBER WHERE LOCATED
- INDICATES TYPE OF AIR OUTLET
- INDICATES AIR FLOW REQUIREMENTS
- ADJUSTABLE ANGLE THERMOMETER
- PRESSURE GAUGE WITH NEEDLE VALVE
- T A — WALL MOUNT THERMOSTAT 'A' DESIGNATES COMPONENT SERVED
- PUMP
- DS — DUCT SMOKE DETECTOR
- SP — FAN SWITCH WITH PILOT LIGHT
- L — LOUVERED DOOR (BY G.C.)
- HORN/STROBE FOR REFRIGERANT LEAK DETECTION SYSTEM
- RLS — REFRIGERANT LEAK SENSOR

VALVE SYMBOLS

- GATE VALVE - THREADED/FLANGED
- GATE VALVE WITH 3/4" HOSE ADAPTER
- GLOBE VALVE - THREADED/FLANGED
- CHECK VALVE
- STRAINER
- WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)
- STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR
- FLEXIBLE CONNECTION
- ANGLE GLOBE VALVE
- BUTTERFLY VALVE
- BALL VALVE
- CONTROL VALVE (CV) - FLOAT-OPERATED
- MODULATING CONTROL VALVE
- MODULATING CONTROL BUTTERFLY VALVE
- TWO POSITION CONTROL VALVE
- THREE-WAY MODULATING CONTROL VALVE
- THREE-WAY TWO POSITION CONTROL VALVE
- PRESSURE REGULATING VALVE
- PRESSURE REDUCING VALVE (PRV)
- TEMPERATURE & PRESSURE RELIEF VALVE
- SAFETY OR PRESSURE RELIEF VALVE
- AUTOMATIC BALANCING CONTROL VALVE
- WATER BALANCE DEVICE
- WATER FLOW MEASURING DEVICE
- CIRCUIT SETTER VALVE
- GATE VALVE WITH GLOBE-VALVED BYPASS
- TRIPLE DUTY VALVE
- LC — WATER LEVEL CONTROLLER
- M — FLOW METER
- COMBINATION BALANCING AND SHUT-OFF VALVE
- MANUAL AIR VENT
- TEST PLUG (PRESSURE/TEMPERATURE)
- PLUG VALVE
- LUBRICATED PLUG VALVE

HVAC LINE TYPES

- EXISTING EQUIPMENT/DUCT TO BE REMOVED
- EXISTING EQUIPMENT/DUCT TO REMAIN
- NEW EQUIPMENT / DUCT
- CHWR — CHILLED WATER RETURN
- CHWS — CHILLED WATER SUPPLY
- A — COMPRESSED AIR
- CD — CONDENSATE DRAIN
- CWR — CONDENSER WATER RETURN
- CWS — CONDENSER WATER SUPPLY
- FILL — FILL LINE
- GSWR — GROUND SOURCE WATER RETURN
- GSWS — GROUND SOURCE WATER SUPPLY
- HTWR — HIGH TEMP HOT WATER RETURN
- HTWS — HIGH TEMP HOT WATER SUPPLY
- LPS — LOW PRESSURE STEAM SUPPLY
- HWR — HEATING HOT WATER RETURN
- HWS — HEATING HOT WATER SUPPLY
- MU — MAKEUP WATER
- PC — PUMPED CONDENSATE
- RD — REFRIGERANT DISCHARGE
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION

ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE	H.C.	HVAC CONTRACTOR
ACCU	AIR COOLED CONDENSING UNIT	HF	HEPA FILTER
AD	ACCESS DOOR	HP	HORSEPOWER
AF	AFTER FILTER	IV	INLET VANES
AFF	ABOVE FINISHED FLOOR	LF	LINEAR FEET
AFM	AIR FLOW MEASURING DEVICE	LPR	LOW PRESSURE STEAM CONDENSATE
AHU	AIR HANDLING UNIT	LPS	LOW PRESSURE STEAM
AP	ACCESS PANEL	LBS/HR	POUNDS PER HOUR
BDD	BACK DRAFT DAMPER	MA	MIXED AIR
BTUH	BRITISH THERMAL UNITS/HOUR	MB	MIXING BOX
CC	COOLING COIL	MD	MOTORIZED DAMPER
CD	CEILING DIFFUSER	MER	MECHANICAL EQUIPMENT ROOM
CFM	CUBIC FEET PER MINUTE	MAX.	MAXIMUM
CLG	CEILING	MBH	ONE THOUSAND BTUH
CO	CLEAN OUT	MIN.	MINIMUM
CP	CONDENSATE PUMP	NOM.	NOMINAL
CUH	CABINET UNIT HEATER	OA	OUTSIDE AIR
CW	COLD WATER	OED	OPEN END DUCT
D	DRAIN	P	PUMP
Db	DRY BULB TEMPERATURE, °F	P.C.	PLUMBING CONTRACTOR
dB	DECIBELS	PD	PRESSURE DROP (FEET OF WATER)
DN	DOWN	PF	PRE-FILTER
DP	DIFFERENTIAL PRESSURE	PGW	PROPYLENE GLYCOL-WATER SOLUTION
Dp	DEW POINT TEMPERATURE, °F	PH	PREHEAT
DS	DUCT SMOKE DETECTOR	PRV	PRESSURE REDUCING VALVE
DX	DIRECT EXPANSION	PSI	POUNDS PER SQUARE IN.
EA	EXHAUST AIR	RA	RETURN AIR
EAT	ENTERING AIR TEMP	RF	RETURN FAN
E.C.	ELECTRICAL CONTRACTOR	RHC	REHEAT COIL
ECC	ENGINEERING CONTROL CENTER	Rh	RELATIVE HUMIDITY
EER	ENERGY EFFICIENCY RATIO	RPZ	REDUCED PRESSURE ZONE
EF	EXHAUST FAN	SA	SUPPLY AIR
EMD	END OF MAIN DRIP (STEAM)	SD	SMOKE DAMPER
ERC	ENERGY RECOVERY COIL	Sp. Gr.	SPECIFIC GRAVITY
ERP	ELECTRIC RADIANT CEILING PANEL	SP	STATIC PRESSURE
ET	EXPANSION TANK	SPS	STATIC PRESSURE SENSOR
EUH	ELECTRIC UNIT HEATER	S.S.	STAINLESS STEEL
EXIST	EXISTING	TWU	THRU WALL UNIT
F.A.I.	FRESH AIR INTAKE	UH	UNIT HEATER
FC	FLEXIBLE CONNECTION	U.N.O.	UNLESS NOTED OTHERWISE
FCU	FAN COIL UNIT	UV	UNIT VENTILATOR
FD	FIRE DAMPER	V	VALVE
FLR	FLOOR	VD	VOLUME DAMPER
FPC	FIRE PROTECTION CONTRACTOR	VE	VOLUME EXTRACTOR
F/SD	COMBINATION FIRE/SMOKE DAMPER	VI	VIBRATION ISOLATOR
FTR	FIN TUBE RADIATION	VIF	VERIFY IN FIELD
G.C.	GENERAL CONTRACTOR	Wb	WET BULB TEMPERATURE, °F
GV	GRAVITY VENTILATOR	WFM	WATER FLOW MEASURING DEVICE
GPM	GALLONS PER MINUTE	WMS	WIRE MESH SCREEN

ENERGY CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

UNIFORM CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK — JOHN DANIEL FELLENZER — LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER NO. 069373-1 ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

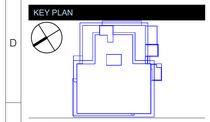
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
HVAC SYMBOLS, ABBREVIATIONS & NOTES

SHEET NUMBER:
H-001

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL: SITE PLAN
1"=20'

KEYED NOTES:

1. REFER TO WELL ARRANGEMENT TYPE E ON DETAIL 2/H-706 FOR PIPING ROUTING TO EACH WELL.
2. REFER TO WELL ARRANGEMENT TYPE D ON DETAIL 2/H-706 FOR PIPING ROUTING TO EACH WELL.
3. REFER TO WELL ARRANGEMENT TYPE C ON DETAIL 2/H-706 FOR PIPING ROUTING TO EACH WELL.
4. REFER TO WELL ARRANGEMENT TYPE B ON DETAIL 2/H-706 FOR PIPING ROUTING TO EACH WELL.
5. REFER TO WELL ARRANGEMENT TYPE A ON DETAIL 2/H-706 FOR PIPING ROUTING TO EACH WELL.
6. 5" GSWS&R INTO PUMP ROOM. REFER TO 2/H-204 FOR CONTINUATION.

GENERAL NOTES:
1. ALL EXISTING UNDERGROUND SERVICE ARE TO REMAIN
2. THE GROUND SOURCE WATER SUPPLY AND RETURN PIPES ARE TO COORDINATED WITH EXISTING UNDERGROUND UTILITY HEIGHTS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 085373-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

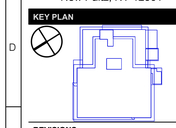
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: AS SHOWN

SHEET NAME:
HVAC GEOTHERMAL WELL FIELD SITE PLAN

SHEET NUMBER:
HS-101

BID SET

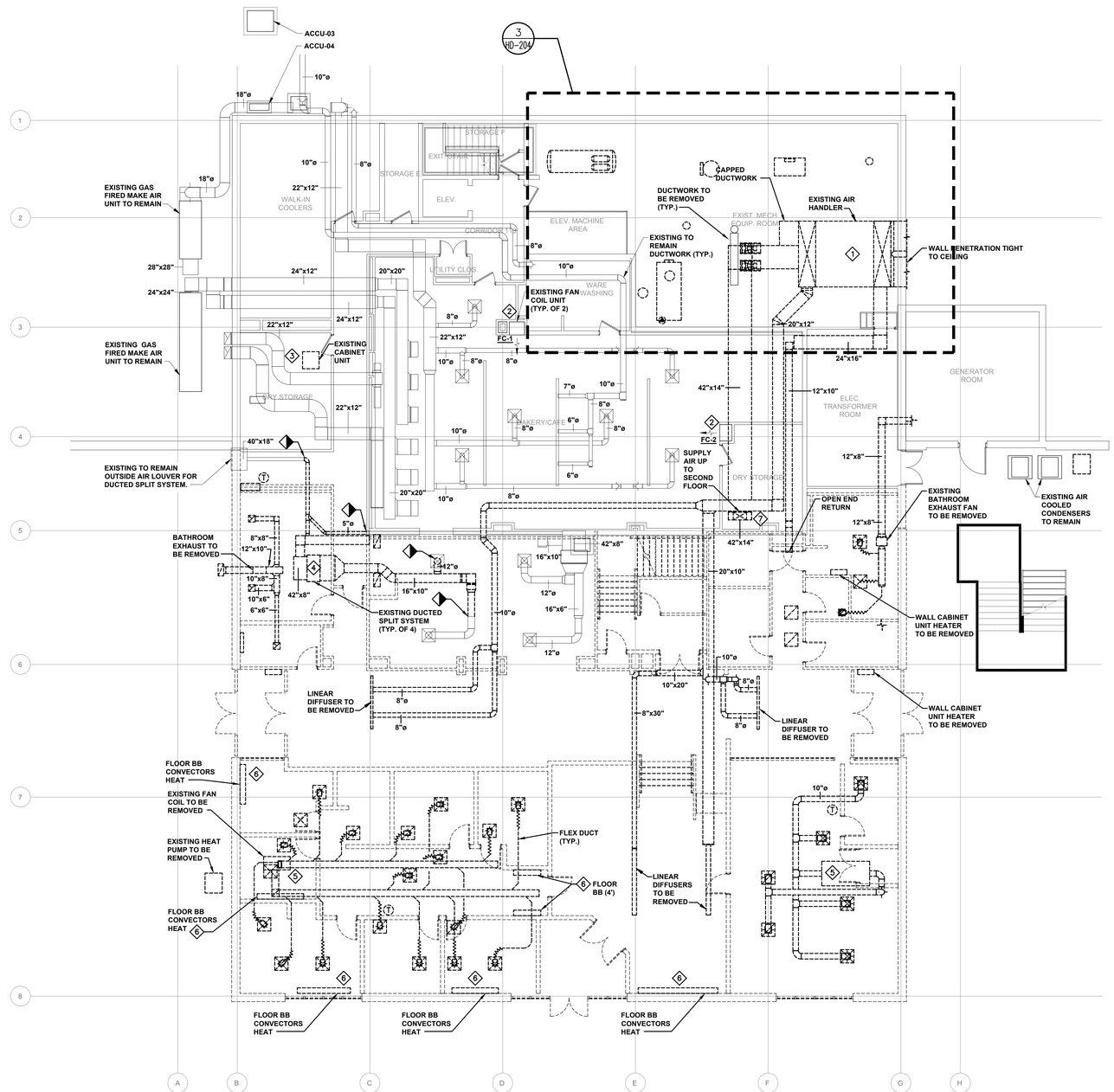
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL DEMOLITION NOTE:

1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, DUCTWORK, DAMPERS, DIFFUSERS, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.

MECHANICAL DEMOLITION KEYED NOTES:

1. REMOVE EXISTING AIR HANDLER AND ALL CORRESPONDING PIPING AND DUCTWORK.
2. DISCONNECT EXISTING VERTICAL FAN COILS UNIT FROM OLD HOT WATER SYSTEM. PREPARE FOR CONNECTION TO NEW 120°F HOT WATER SYSTEM EQUIPMENT.
3. REMOVE EXISTING UNIT HEATER AND ALL CORRESPONDING PIPING.
4. REMOVE EXISTING DUCTED SPLIT SYSTEM AND ALL CORRESPONDING PIPING AND DUCTWORK, TO BE RELOCATED.
5. REMOVE EXISTING FAN COIL UNIT AND ALL CORRESPONDING PIPING & DUCTWORK.
6. REMOVE FLOOR BASEBOARD AND ALL CORRESPONDING CONTROLS
7. REMOVE SUPPLY DUCTWORK UP TO THE SECOND FLOOR AND PATCH FLOOR OPENING.



1 **MECHANICAL: FIRST FLOOR DUCTWORK PLAN**
1/8"=1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK * JOHN DANIEL FELLENZER * 049173 * LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 049373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

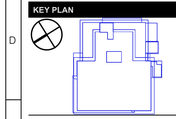
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
HVAC FIRST FLOOR DEMO DUCTWORK PLAN

SHEET NUMBER:
HD-101

BID SET

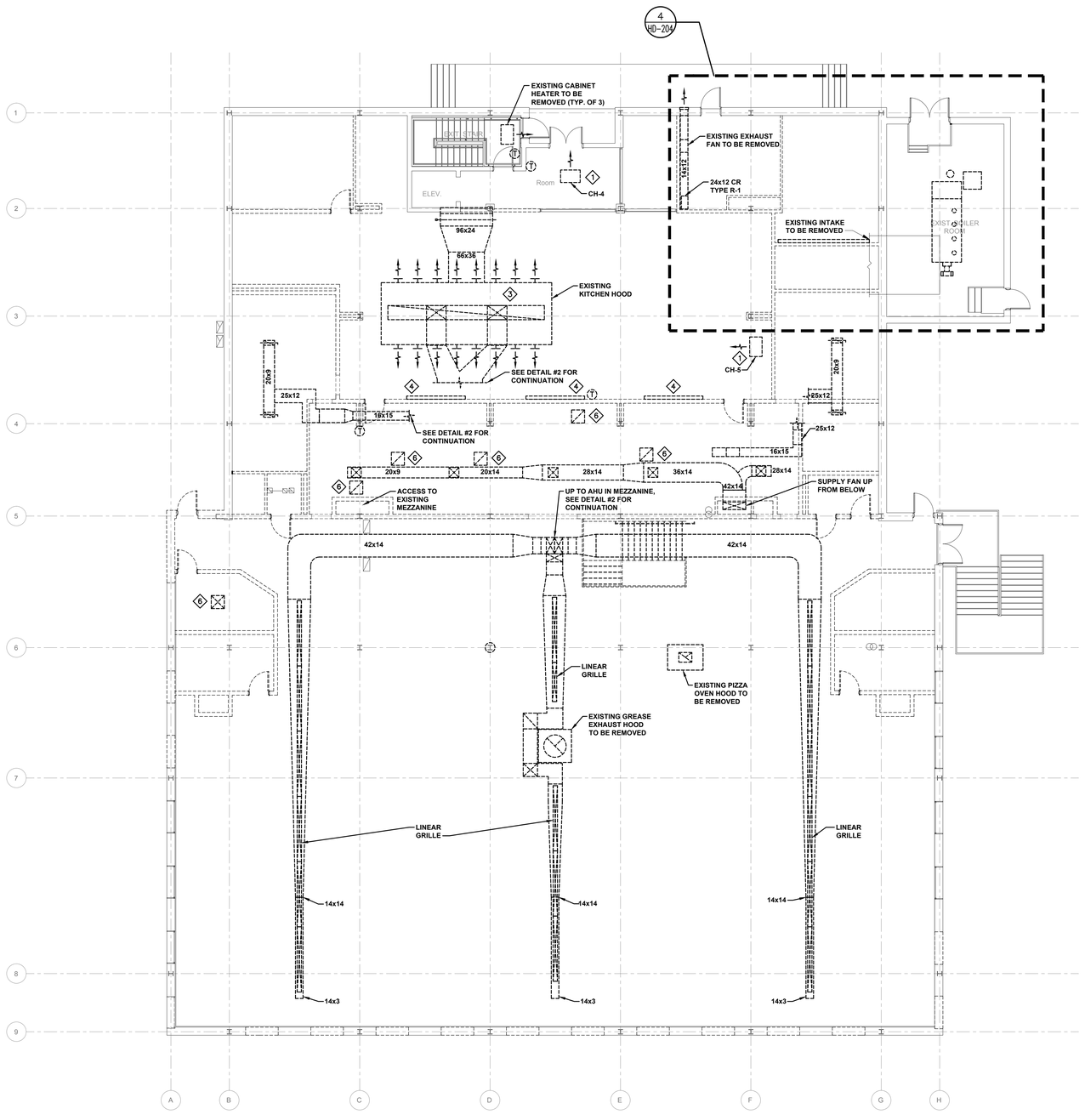
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL DEMOLITION NOTE:

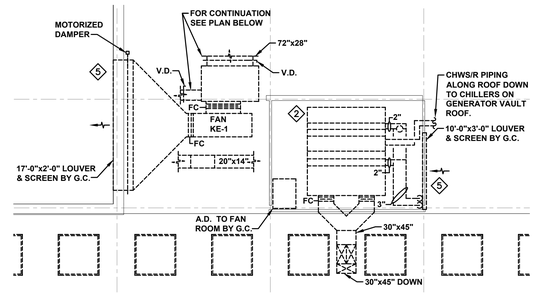
1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, DUCTWORK, DAMPERS, DIFFUSERS, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.

MECHANICAL DEMOLITION KEYED NOTES:

1. REMOVE EXISTING CABINET UNIT HEATER AND ALL CORRESPONDING PIPING.
2. REMOVE EXISTING AIR HANDLER UNIT AND ALL CORRESPONDING PIPING AND DUCTWORK.
3. REMOVE EXISTING KITCHEN HOOD AND ALL CORRESPONDING PIPING AND DUCTWORK.
4. REMOVE WALL MOUNTED TRANSFER GRILLE.
5. REMOVE LOUVER, MOTORIZED DAMPER AND ALL CORRESPONDING CONTROLS.
6. REMOVE DIFFUSER AND ALL CONNECTED DUCTWORK.



1 **MECHANICAL: SECOND FLOOR DUCTWORK PLAN**
1/8"=1'-0"



2 **MECHANICAL: PATIAL ATTIC FLOOR DUCTWORK PLAN**
1/8"=1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DAVID FELLENZER · LICENSED PROFESSIONAL ENGINEER · 049377

NY PROFESSIONAL ENGINEER
NO. 049377-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

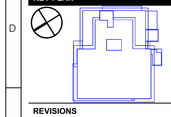
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: HVAC SECOND FLOOR DEMO DUCTWORK PLAN
SHEET NUMBER: HD-102

BID SET

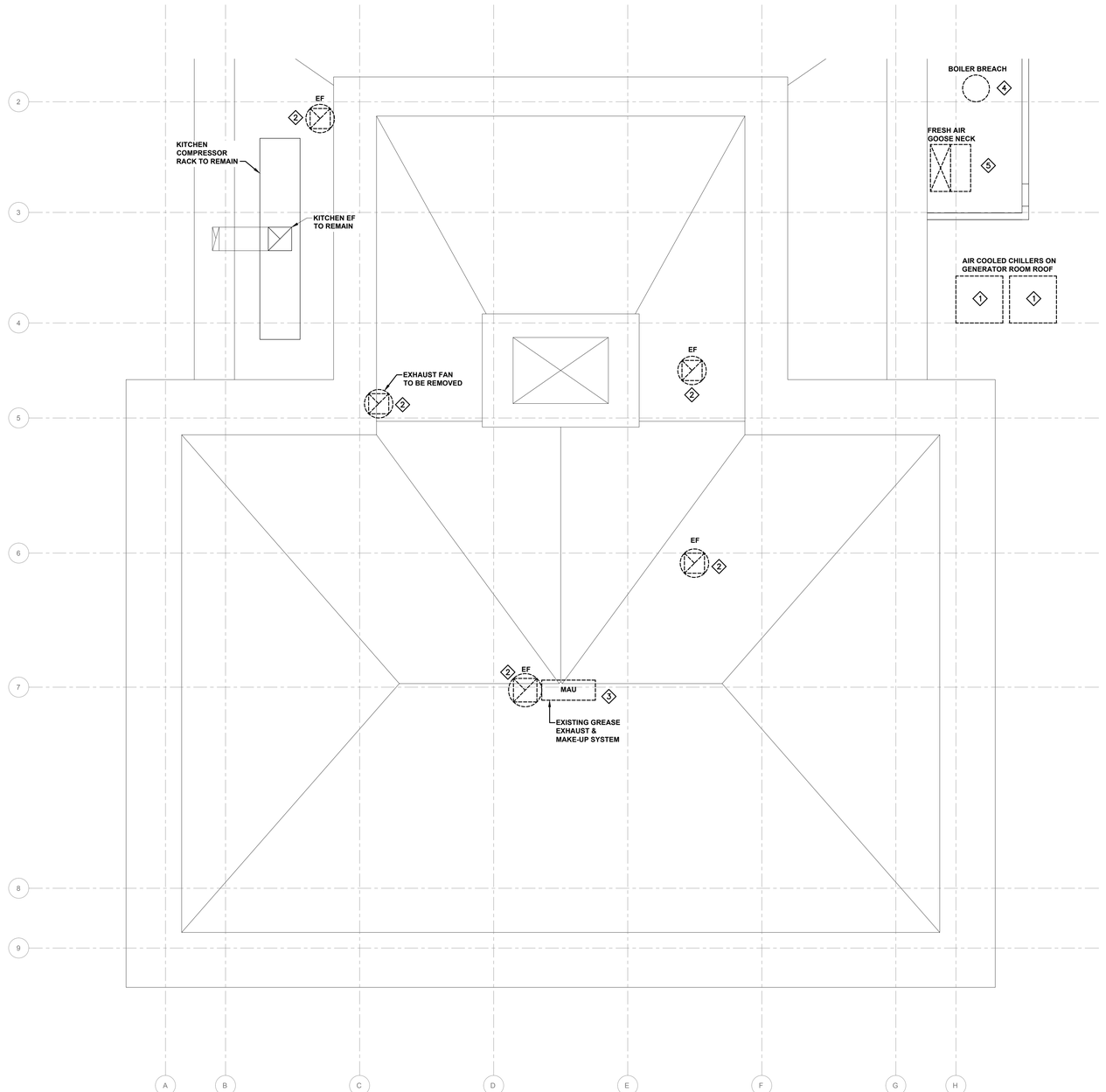
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL DEMOLITION NOTE:

1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, DUCTWORK, DAMPERS, DIFFUSERS, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.

MECHANICAL DEMOLITION KEYED NOTES:

1. REMOVE CHILLERS AND ALL CORRESPONDING PIPING.
2. REMOVE EXHAUST FAN AND ALL CORRESPONDING DUCTWORK. COORDINATE WITH ARCHITECTS PLANS FOR PATCHING/REPAIR OF THE ROOF.
3. REMOVE MAKE UP AIR UNIT AND ALL CORRESPONDING DUCTWORK. COORDINATE WITH ARCHITECTS PLANS FOR THE PATCHING/REPAIR OF THE ROOF.
4. REMOVE BOILER BREACH AND ALL CORRESPONDING DUCTWORK. COORDINATE WITH ARCHITECTS PLANS FOR MODIFICATION TO THE EXISTING ROOF OPENING FOR NEW EXHAUST FAN EF-4.
5. REMOVE FRESH AIR INLET AND ALL CORRESPONDING DUCTWORK. COORDINATE WITH ARCHITECTS PLANS FOR THE PATCHING/REPAIR OF THE ROOF.



1 MECHANICAL: ROOF DEMO DUCTWORK PLAN
1/8"=1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 069372-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

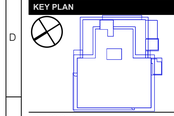
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
HVAC ROOF DEMO DUCTWORK PLAN

SHEET NUMBER:

HD-103

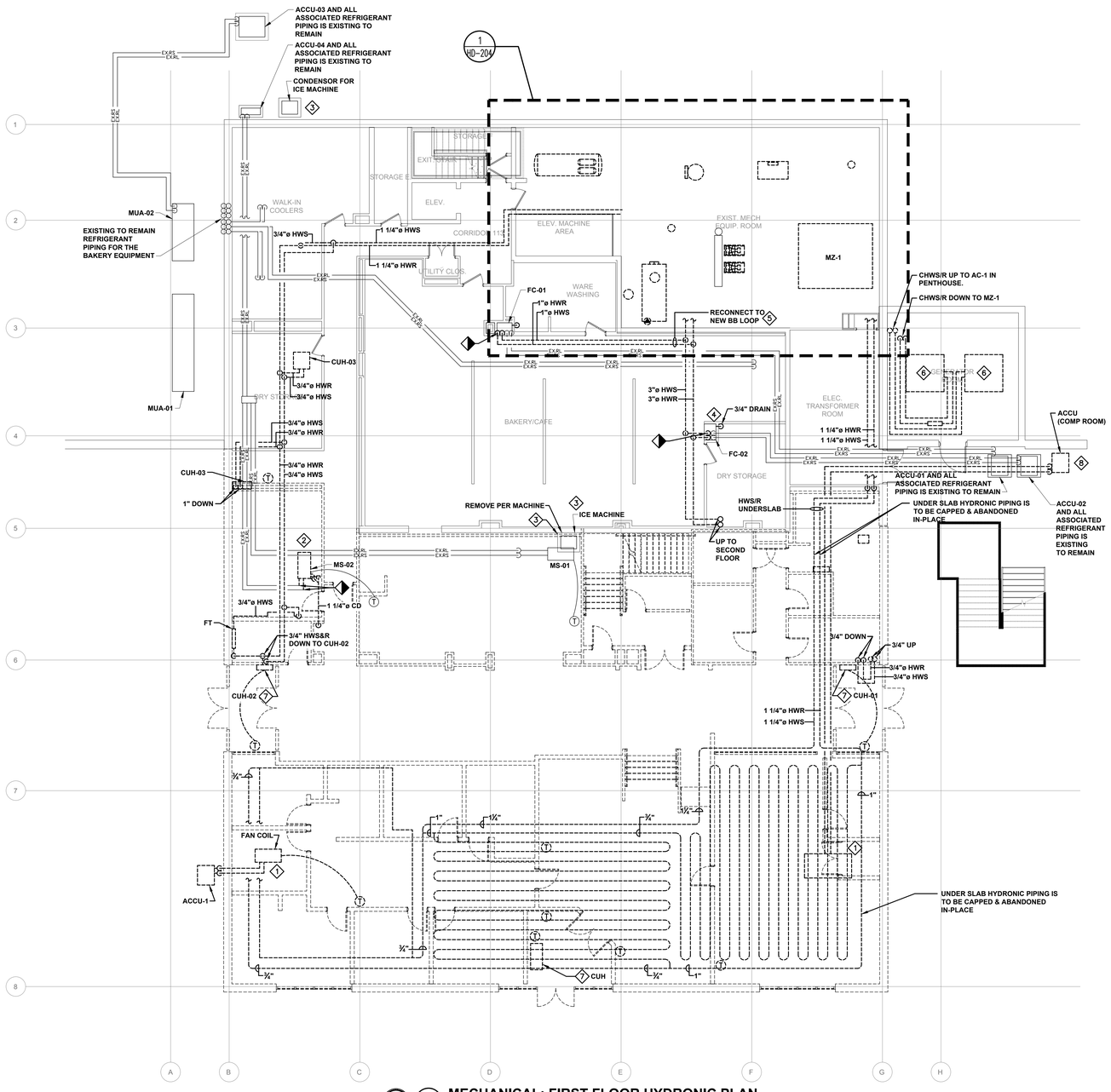
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL DEMOLITION NOTE:

1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, DUCTWORK, DAMPERS, DIFFUSERS, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.

MECHANICAL DEMOLITION KEYED NOTES:

1. REMOVE EXISTING FAN COIL UNIT ALONG WITH ALL CORRESPONDING PIPING AND OUTDOOR CONDENSING UNIT.
2. REMOVE EXISTING MINI SPLIT UNIT AND ALL CORRESPONDING PIPING TO BE RELOCATE.
3. REMOVE EXISTING CONDENSER TO ICE MACHINE, INCLUDE _ UNITS & ICE MACHINE.
4. REMOVE FC-02 FROM EXISTING HHW LOOP & EXISTING/RECONNECT TO NEW HHW BB LOOP.
5. RECONNECT EXISTING 1" HWS/R LINE TO NEW HHW BB LOOP.
6. REMOVE EXISTING CHILLER AND ALL CORRESPONDING PIPING, CONTROLS AND STRUCTURAL SUPPORTS.
7. REMOVE EXISTING CABINET UNIT HEATER AND ALL ASSOCIATED PIPING & CONTROLS.
8. REMOVE OUTDOOR CONDENSING UNIT AND CORRESPONDING STRUCTURAL SUPPORTS.



1 MECHANICAL: FIRST FLOOR HYDRONIC PLAN
1/8"=1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK — JOHN DAVID FELLENZER — LICENSED PROFESSIONAL ENGINEER — 069777
NY PROFESSIONAL ENGINEER
NO. 069777-1
ISSUED: 1992; EXP. 9/28

SUCF Project No. 081056-00

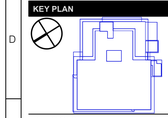
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
HVAC FIRST FLOOR DEMO HYDRONIC PLAN

SHEET NUMBER:
HD-201

BID SET

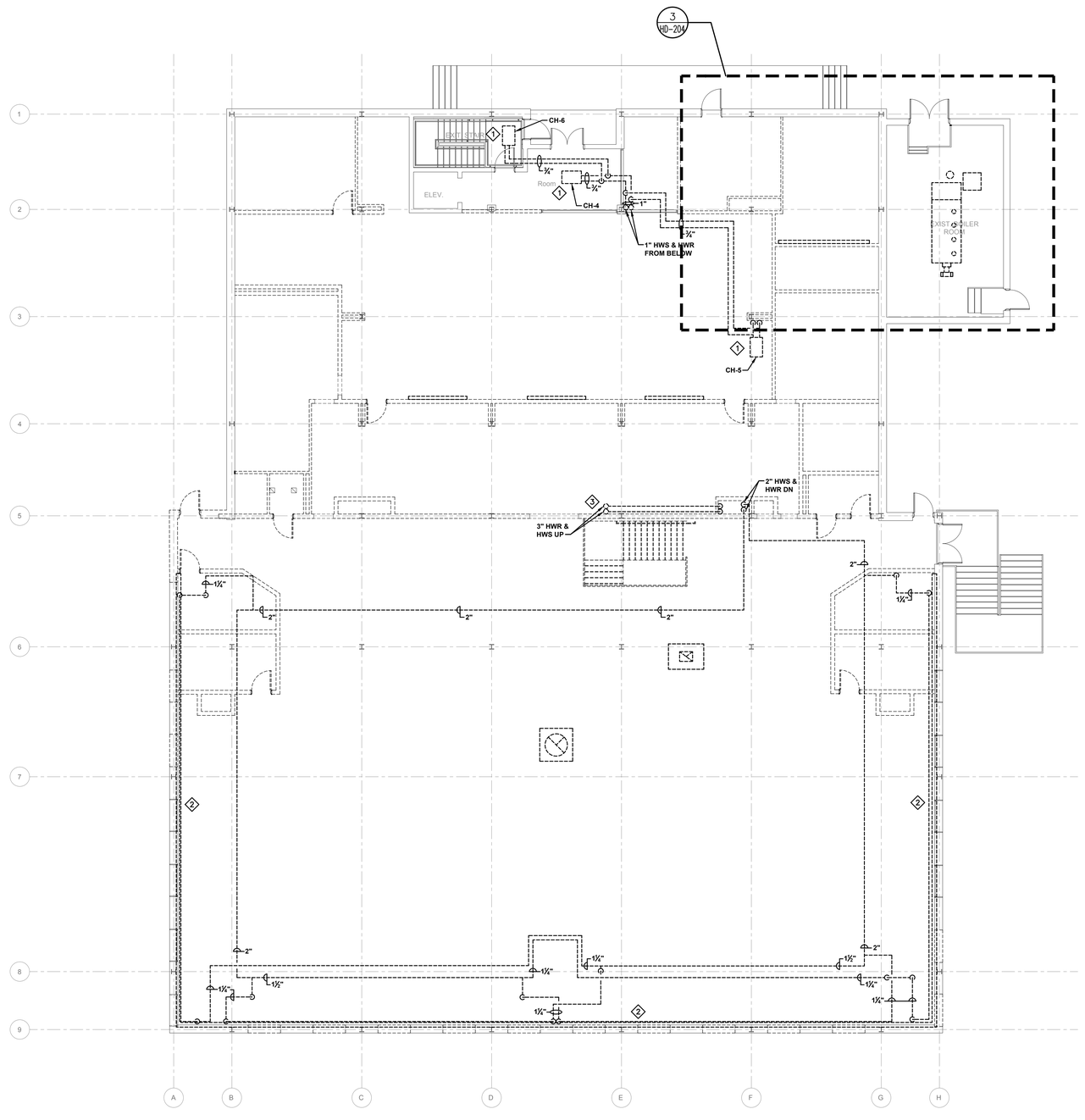
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL DEMOLITION NOTE:

1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, PIPING, VALVES, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.

MECHANICAL DEMOLITION KEYED NOTES:

1. REMOVE EXISTING CABINET UNIT HEATER AND ALL ASSOCIATED PIPING & CONTROLS.
2. REMOVE EXISTING CONTINUOUS PERIMETER BASEBOARD AND ALL ASSOCIATED PIPING & CONTROLS.
3. REMOVE ALL HOT WATER PIPING UP TO AC-1 IN THE PENTHOUSE ABOVE.



1 **MECHANICAL: SECOND FLOOR HYDRONIC PLAN**
1/8"=1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DAVID FELLENZER · 069373 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 069373-1
ISSUED: 1992; EXP. 9/28

SUCF Project No. 081056-00

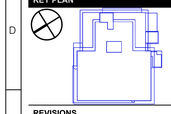
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

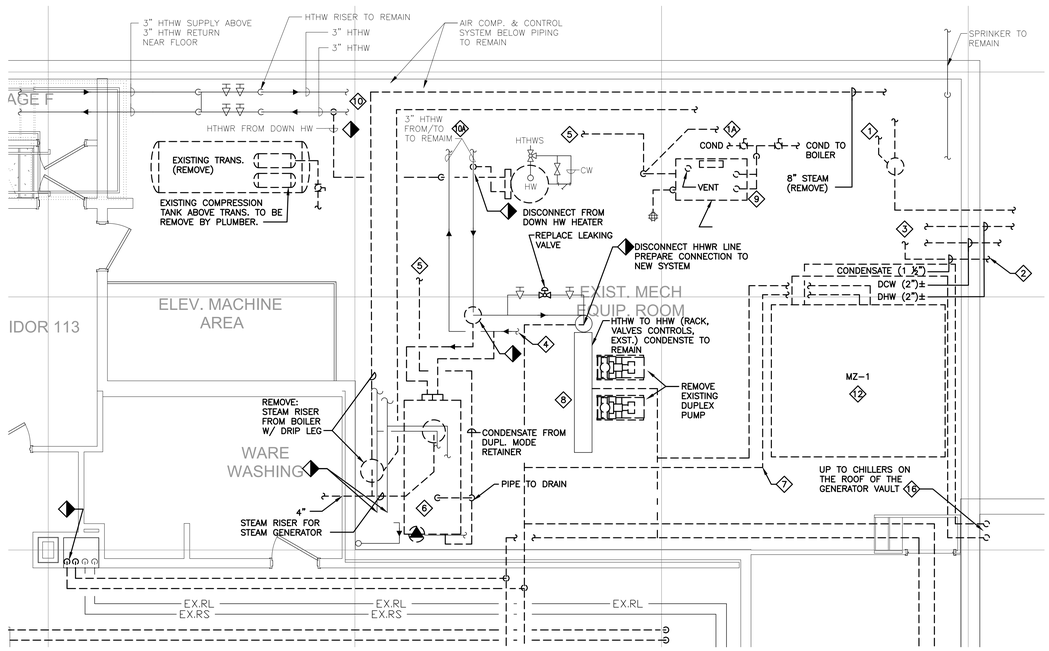
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
HVAC SECOND FLOOR DEMO HYDRONIC PLAN

SHEET NUMBER:
HD-202

BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 ENLARGE FIRST FLOOR MECHANICAL ROOM DEMOLITION HYDRONIC PLAN

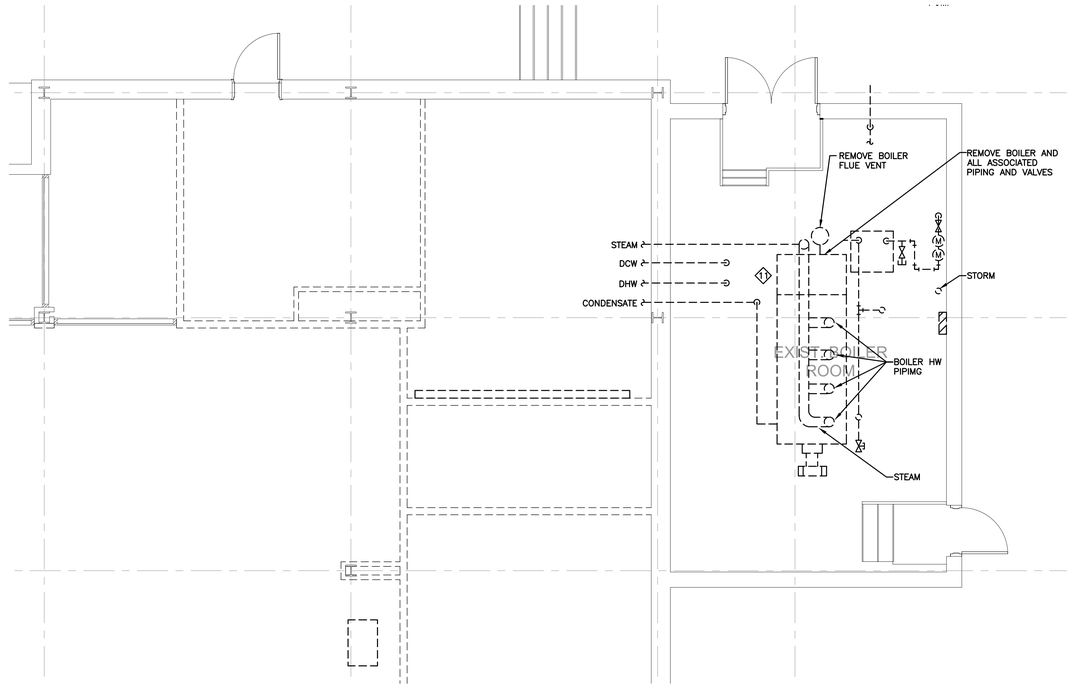
1/4"=1'-0"

MECHANICAL DEMOLITION KEYED NOTES:

1. ¾" DROP TO 14
2. 1 ½" CONDENSATE TO BOILER ROOM.
3. 1 ½" CONDENSATE TO STEAM GENERATOR.
4. HTHW RETURN PIPE TO REMAIN IN ITS ENTIRETY.
5. 2" CD FROM STEAM GENERATOR.
6. REMOVE STEAM GENERATOR.
7. REMOVE ALL HHW SUPPLY & RETURN PIPING THROUGHOUT.
8. RETAIN HTHW CONVERTER SYSTEM & CONTROLS. PREPARE FOR RECONNECTION TO NEW HHW SYSTEM.
9. REMOVE DUPL. MODE CONDENSATE.
10. EXISTING TO REMAIN 3" HTHW SUPPLY AND RETURN, CONTINUE TO 10
11. REMOVE STEAM BOILER AND ALL ASSOCIATED PIPING, VENTING AND CONTROLS.
12. REMOVE MZ-1 AND ALL ASSOCIATED DUCTWORK, PIPING, CONTROLS AND STRUCTURAL SUPPORTS.
13. REMOVE OUTSIDE AIR DUCTWORK TO MZ-1. RETAIN DUCT OPENING FROM BOILER ROOM DOWN TO MECHANICAL ROOM FOR NEW PIPE ROUTING.
14. REMOVE VENTILATION DUCTWORK IN THE BOILER ROOM AND ALL ASSOCIATED DAMPERS & CONTROLS.
15. LOUVER AND ASSOCIATED DAMPER ARE EXISTING TO REMAIN.
16. REMOVE ALL CHWS/R FROM MZ-1 BACK TO CHILLER LOCATED ON THE GENERATOR VAULT ROOF.

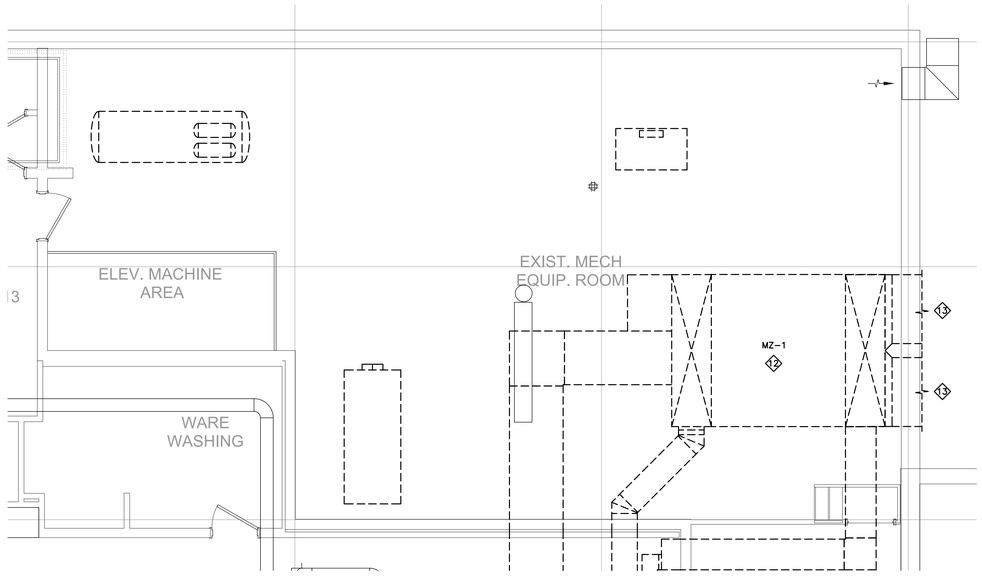
MECHANICAL GENERAL DEMOLITION NOTE:

1. REMOVAL SHALL INCLUDE ALL RELATED APPURTENANCES, BUT NOT LIMITED TO, PIPING, VALVES, HANGERS, SUPPORTS, INSULATION, CONTROLS, ETC.



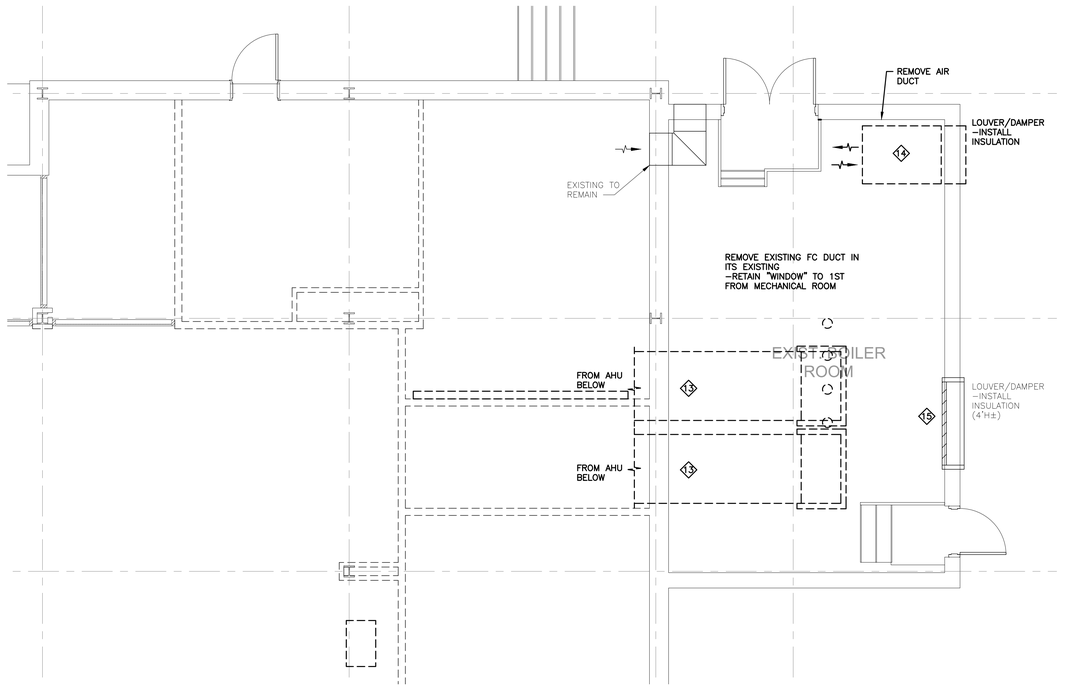
2 HVAC ENLARGED SECOND FLOOR MECHANICAL ROOM DEMOLITION HYDRONIC PLAN

1/4"=1'-0"



3 ENLARGE FIRST FLOOR MECHANICAL ROOM DEMOLITIO DUCTWORK PLAN

1/4"=1'-0"



4 HVAC ENLARGED SECOND FLOOR MECHANICAL ROOM DEMOLITION DUCTWORK PLAN

1/4"=1'-0"

2/12/2025 9:19:32 AM

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklightning.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 068373-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

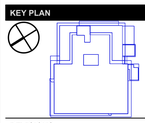
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET 100%

DATE: 08/17/26

SCALE: 1/4"=1'-0"

SHEET NAME:
HVAC ENLARGED MECHANICAL ROOM DEMOLITION PLANS

SHEET NUMBER:

HD-204

BID SET

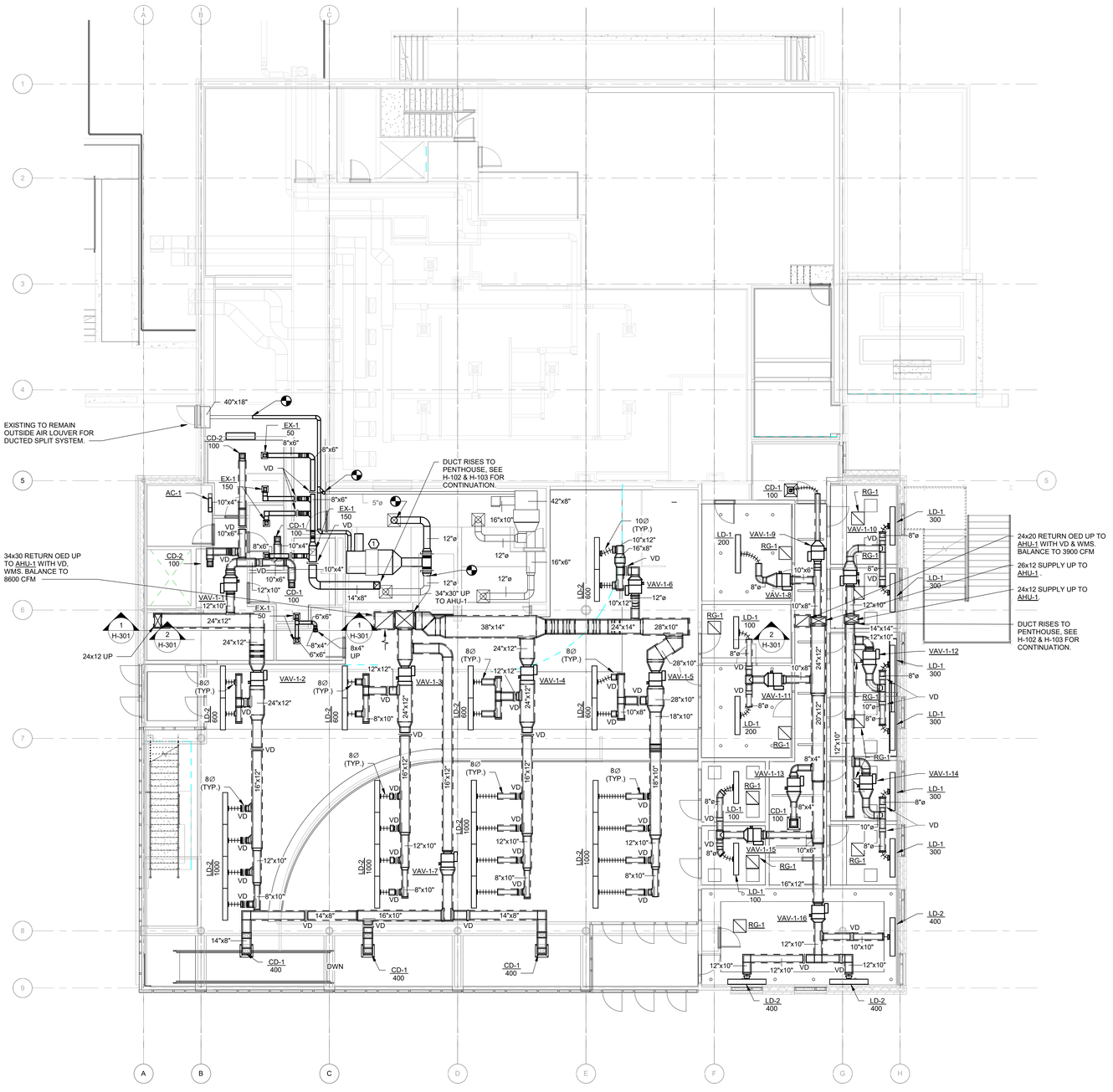
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL CONSTRUCTION KEY NOTES:

1. RELOCATE EXISTING TO REMAIN MINISPLIT UNIT AND ALL CORRESPONDING DUCTWORK, PIPING AND CONTROLS TO NEW LOCATION. PREBALANCE DIFFUSSER TO EXIST AIRFLOWS.

MECHANICAL GENERAL NOTES:

1. PROVIDE VOLUME DAMPER AT ALL BRANCH CONNECTIONS DOWNSTREAM OF VAV.



1 FIRST FLOOR DUCTWORK PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 069373-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

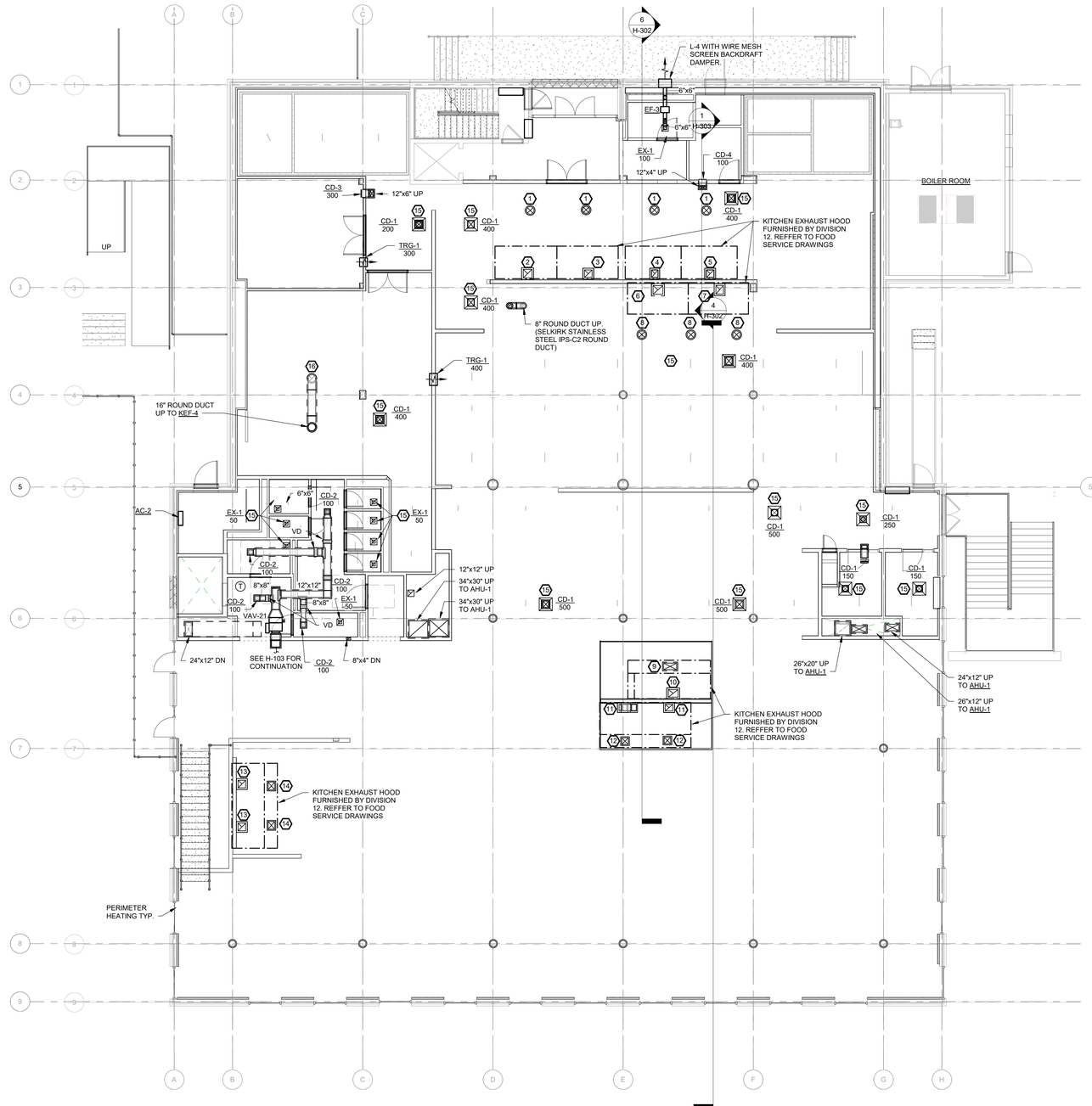
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: HVAC FIRST FLOOR DUCTWORK PLAN
SHEET NUMBER: H-101

BID SET

PROJECT NUMBER: XX-XXX COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 HVAC SECOND FLOOR DUCTWORK PLAN
1/8" = 1'-0"

MECHANICAL CONSTRUCTION KEY NOTES:

1. CONNECT 14" SUPPLY DUCT TO HOOD CONNECTION AT 1009 CFM. REFER TO HOOD B56 ON DRAWING QF702-4 & QF702-5 FOR MORE INFORMATION.
2. CONNECT 16" X16" EXHAUST DUCT TO HOOD CONNECTION AT 1613 CFM. REFER TO HOOD B56 ON DRAWING QF702-4 FOR MORE INFORMATION.
3. CONNECT 14" X14" EXHAUST DUCT TO HOOD CONNECTION AT 1206 CFM. REFER TO HOOD B56 ON DRAWING QF702-4 FOR MORE INFORMATION.
4. CONNECT 14" X12" EXHAUST DUCT TO HOOD CONNECTION AT 1082 CFM. REFER TO HOOD B56 ON DRAWING QF702-5 FOR MORE INFORMATION.
5. CONNECT 14" X14" EXHAUST DUCT TO HOOD CONNECTION AT 1142 CFM. REFER TO HOOD B56 ON DRAWING QF702-5 FOR MORE INFORMATION.
6. CONNECT 18" X16" EXHAUST DUCT TO HOOD CONNECTION AT 1941CFM. REFER TO HOOD C17 ON DRAWING QF702-6 FOR MORE INFORMATION.
7. CONNECT 16" X14" EXHAUST DUCT TO HOOD CONNECTION AT 1515CFM. REFER TO HOOD C17 ON DRAWING QF702-6 FOR MORE INFORMATION.
8. CONNECT 14" SUPPLY DUCT TO HOOD CONNECTION AT 922 CFM. REFER TO HOOD C17 ON DRAWING QF702-6 FOR MORE INFORMATION.
9. CONNECT 24" X12" SUPPLY DUCT TO HOOD CONNECTION AT 2147 CFM. REFER TO HOOD C97 ON DRAWING QF702-9 FOR MORE INFORMATION.
10. CONNECT 18" X14" EXHAUST DUCT TO HOOD CONNECTION AT 1683 CFM. REFER TO HOOD C97 ON DRAWING QF702-9 FOR MORE INFORMATION.
11. CONNECT 12" X14" EXHAUST DUCT TO HOOD CONNECTION AT 965 CFM. REFER TO HOOD C111 ON DRAWING QF702-9 FOR MORE INFORMATION.
12. CONNECT 12" X12" SUPPLY DUCT TO HOOD CONNECTION AT 772 CFM. REFER TO HOOD C111 ON DRAWING QF702-9 FOR MORE INFORMATION.
13. CONNECT 14" X14" EXHAUST DUCT TO HOOD CONNECTION AT 1137 CFM. REFER TO HOOD C145 ON DRAWING QF702-12 FOR MORE INFORMATION.
14. CONNECT 12" X14" SUPPLY DUCT TO HOOD CONNECTION AT 910 CFM. REFER TO HOOD C145 ON DRAWING QF702-12 FOR MORE INFORMATION.
15. REFER TO PLAN H-103 FOR DUCT CONNECTIONS TO CEILING DIFFUSERS.
16. CONNECT 16" EXHAUST DUCT AT 750 CFM FROM KEF-4 TO DISHWASHER.

MECHANICAL GENERAL NOTES:

1. PROVIDE DUCT TRANSITION AS REQUIRED TO MATCH HOOD CONNECTION SIZES. REFER TO KITCHEN PLANS LISTED ABOVE.
2. MAKE UP AIR DUCTWORK WITHIN 18" OF TYPE I HOODS SHALL BE CONSTRUCTED & INSULATED OF NON-COMBUSTIBLE MATERIALS LISTED FOR THE APPLICATION.
3. KITCHEN EXHAUST DUCTS SHALL SLOPE NOT LESS THAN 2% SLOPE TOWARD THE HOOD OR TOWARD A GREASE RESERVOIR IN ACCORDANCE WITH N.Y.S.M.C. SECTION 506.3.7.1.
4. ALL KITCHEN EXHAUST DUCTWORK SHALL HAVE ROUND TURN ELBOWS WITH CLEANOUTS. CLEANOUTS SHALL ALSO BE PROVIDED EVERY 20'-0" ALONG STRAIGHT DUCT RUNS.
5. KITCHEN EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF AND SUPPORTED BY 16GA BLACK IRON STEEL OR 18GA STAINLESS STEEL WITH ALL WELDED SEAMS AND JOINTS.
6. PROVIDE VOLUME DAMPER AT ALL BRANCH CONNECTIONS DOWNSTREAM OF VAV.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK · JOHN DANIEL FELLENZER · 093973 · LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 093973-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

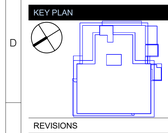
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: HVAC SECOND FLOOR DUCTWORK PLAN
SHEET NUMBER: H-102

BID SET

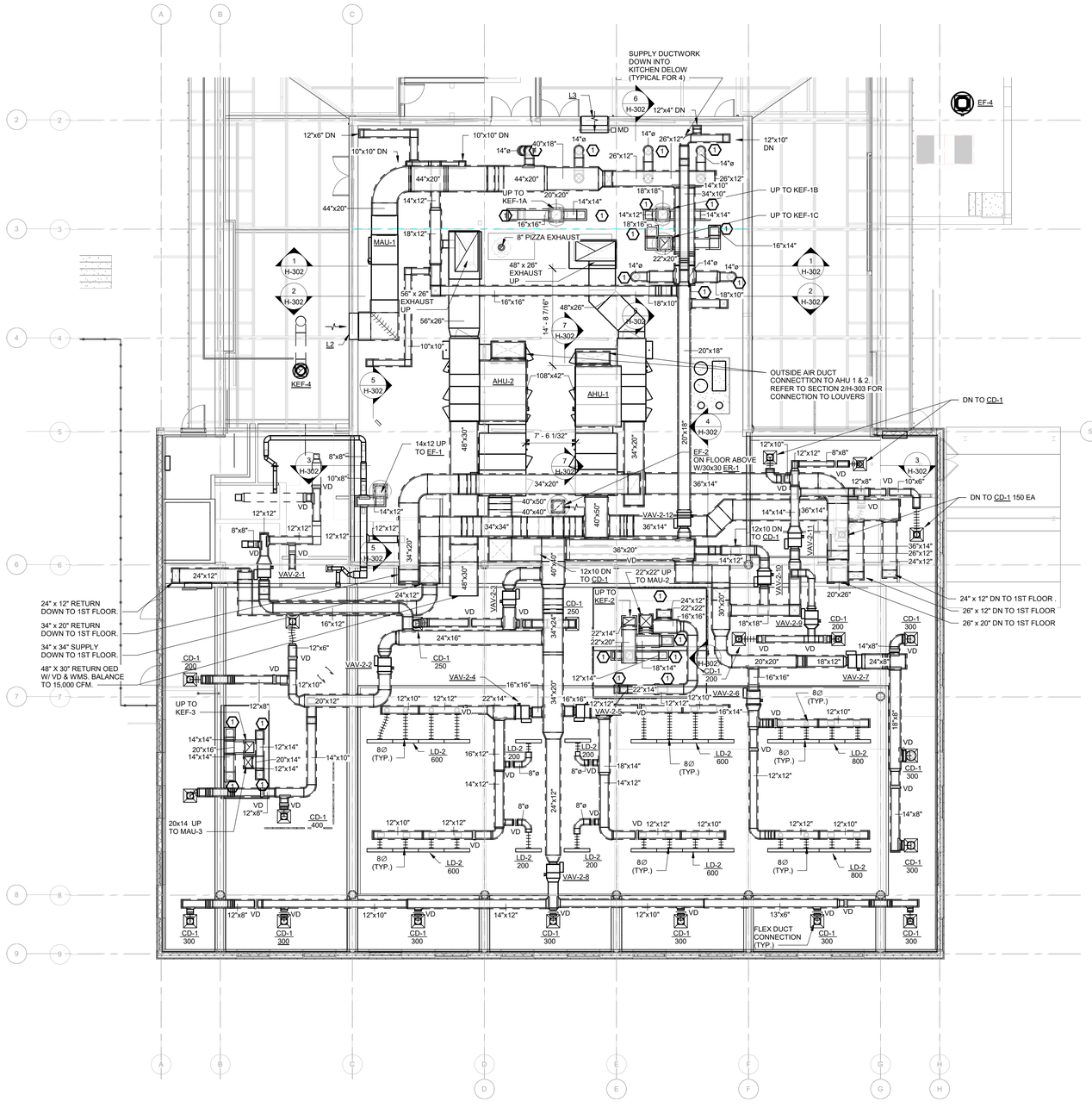
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL CONSTRUCTION KEY NOTES:

1. EXHAUST/SUPPLY DUCT DOWN TO KITCHEN HOOD. REFER TO H-102 FOR CONTINUATION.

MECHANICAL GENERAL NOTES:

1. KITCHEN EXHAUST DUCTS SHALL SLOPE NOT LESS THAN 2% SLOPE TOWARD THE HOOD OR TOWARD A GREASE RESERVOIR IN ACCORDANCE WITH N.Y.S.M.C. SECTION 506.3.7.1.
2. ALL KITCHEN EXHAUST DUCTWORK SHALL HAVE ROUND TURN ELBOWS WITH CLEANOUTS. CLEANOUTS SHALL ALSO BE PROVIDED EVERY 20'-0" ALONG STRAIGHT DUCT RUNS.
3. KITCHEN EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF AND SUPPORTED BY 16GA BLACK IRON STEEL OR 18GA STAINLESS STEEL WITH ALL WELDED SEAMS AND JOINTS.
4. PROVIDE VOLUME DAMPER AT ALL BRANCH CONNECTIONS DOWNSTREAM OF VAV.



1 HVAC PENTHOUSE DUCTWORK PLAN
1/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
NY PROFESSIONAL ENGINEER
NO. 068373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

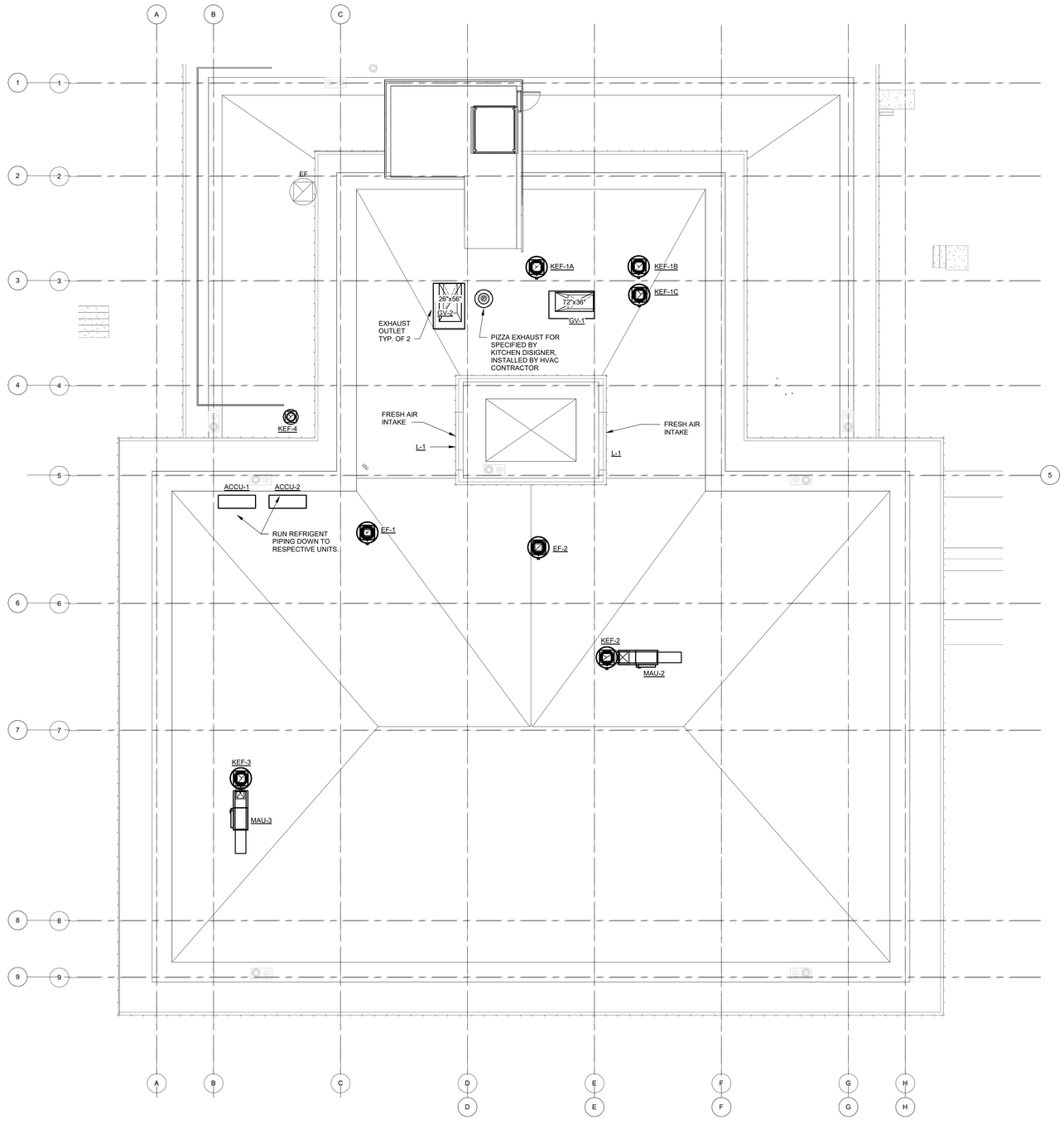
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
HVAC MEZZANINE DUCTWORK PLAN
SHEET NUMBER:
H-103

BID SET

PROJECT NUMBER: XX-XXX
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 HVAC ROOF PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DAVID FELLENZER · 093773 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 093773-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

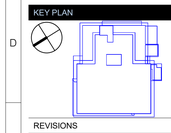
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
HVAC ROOF PLAN

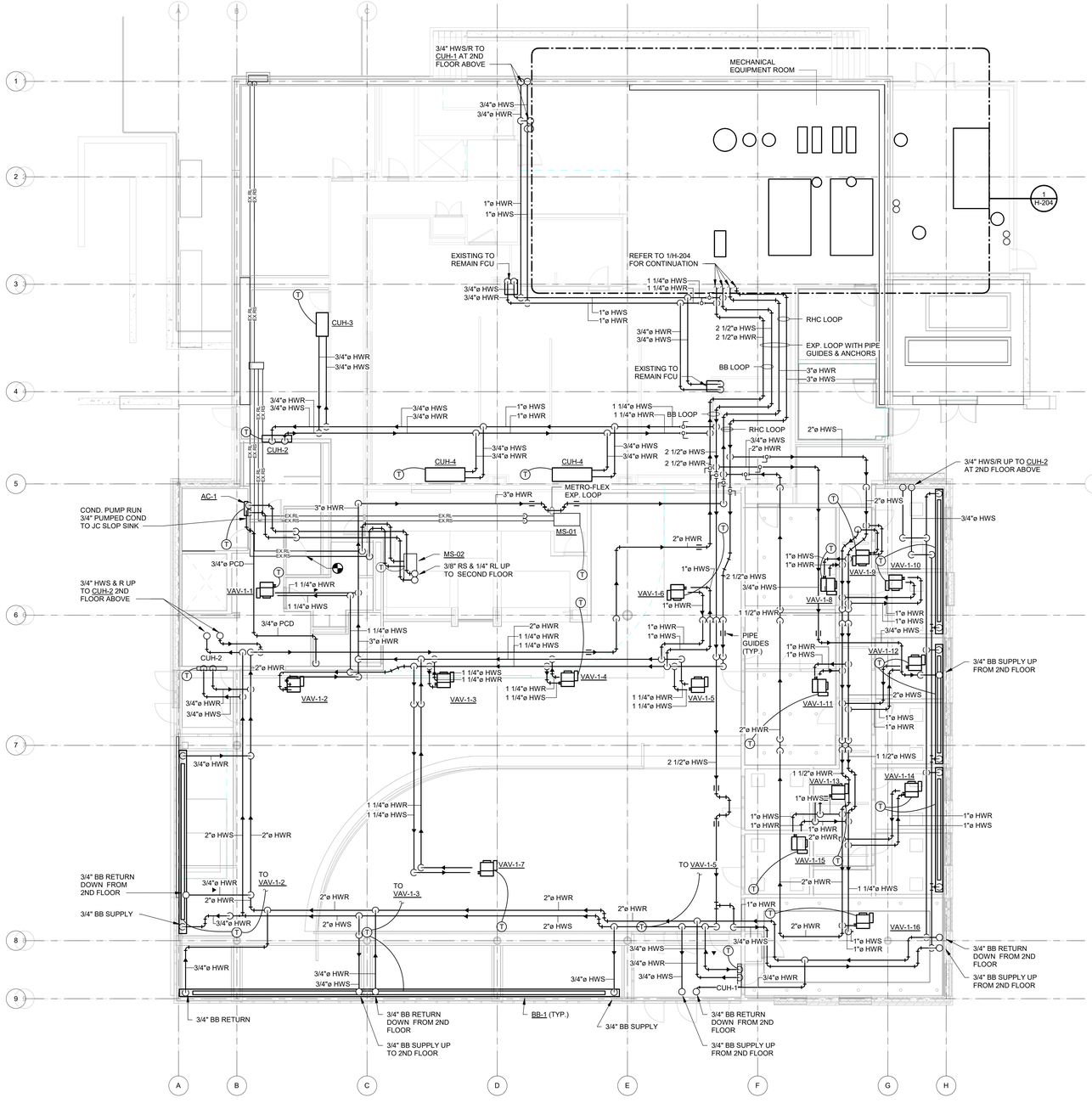
SHEET NUMBER:
H-104

BID SET

PROJECT NUMBER: XX-XXX
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL NOTES:

1. PROVIDE SHUTOFF VALVES AT ALL BRANCH CONNECTIONS WITH THE EXCEPTION OF RUNOUTS TO A SINGLE UNIT.
2. ALL REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE TO MANUFACTURER REQUIREMENTS.
3. ALL A2L REFRIGERANT PIPING SHALL BE HARD DRAWN COPPER TYPE L OR K WITH BRAZED FITTINGS.



1 FIRST FLOOR HYDRONIC PLAN
1/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DAVID FELLENZER
LICENSED PROFESSIONAL ENGINEER
093973
NY PROFESSIONAL ENGINEER
NO. 093973
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

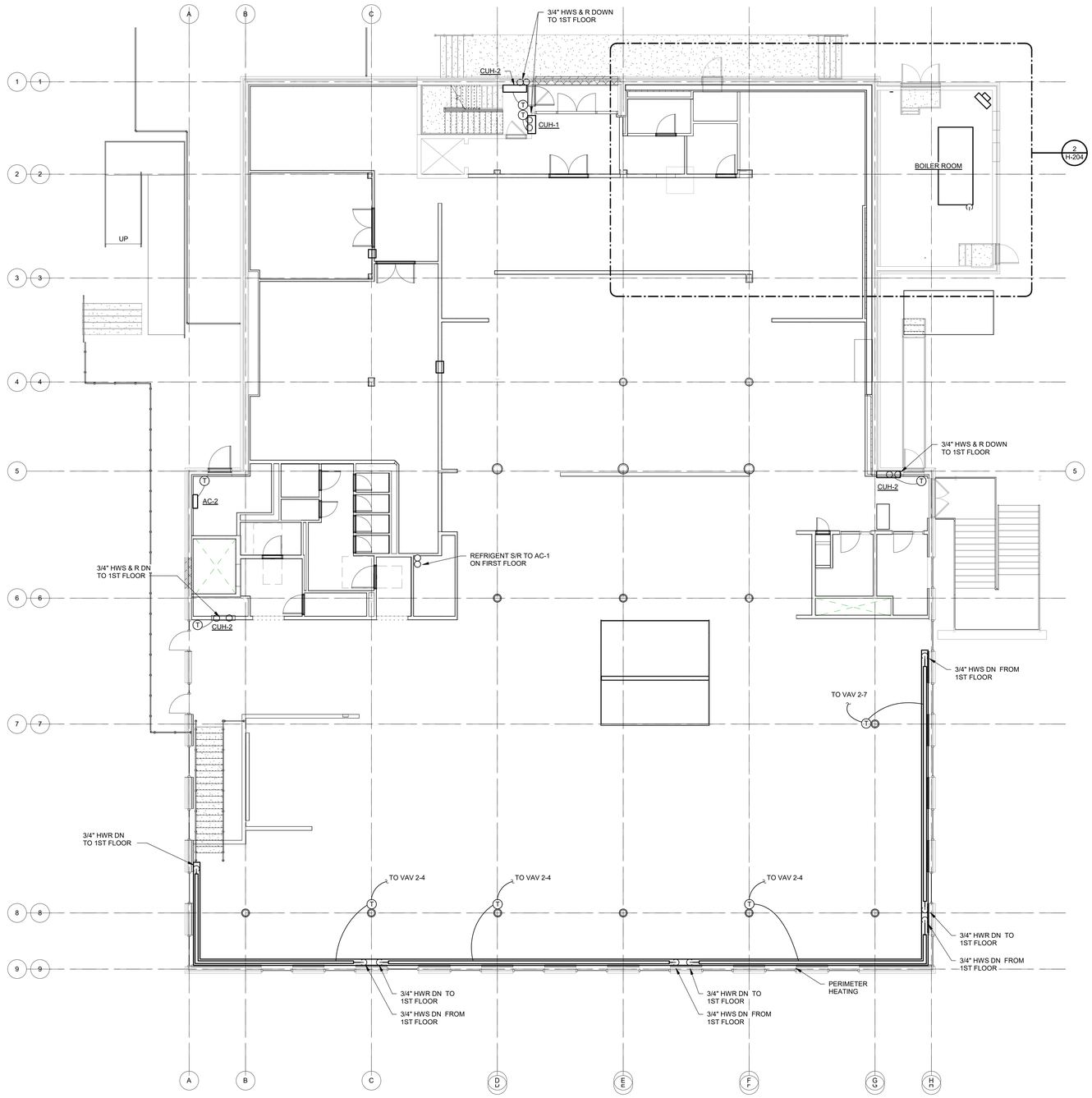
ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
HVAC FIRST FLOOR HYDRONIC PLAN
SHEET NUMBER:
H-201

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL GENERAL NOTES:

1. PROVIDE SHUTOFF VALVES AT ALL BRANCH CONNECTIONS WITH THE EXCEPTION OF RUNOUTS TO A SINGLE UNIT.
2. ALL REFRIGERANT PIPING SHALL BE SIZED IN ACCORDNCE TO MANUFACTURER REQUIREMENTS.
3. ALL A2L REFRIGERANT PIPING SHALL BE HARD DRAWN COPPER TYPE L OR K WITH BRAZED FITTINGS.



1 HVAC SECOND FLOOR HYDRONIC PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DANIEL FELLENZER
083933
LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 083933-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

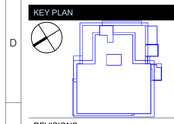
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
HVAC SECOND FLOOR HYDRONIC PLAN

SHEET NUMBER:
H-202

BID SET

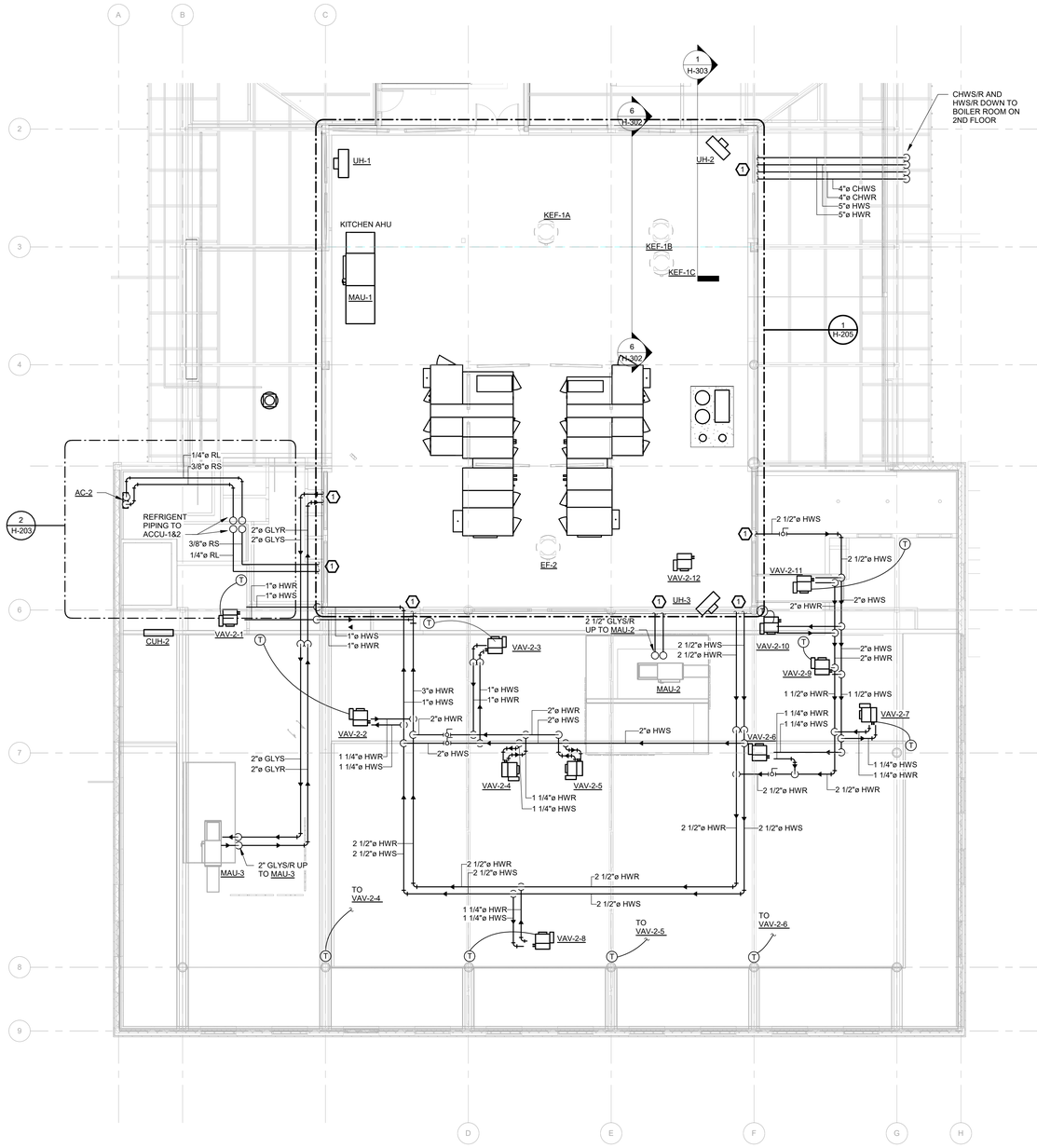
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL CONSTRUCTION KEY NOTES:

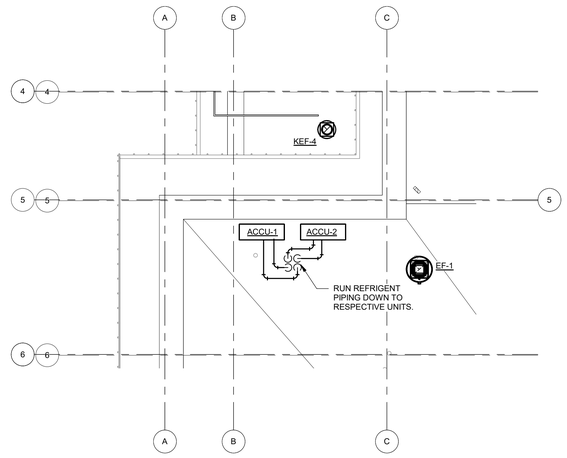
1. REFER TO 1/H-205 FOR THE CONTINUATION OF PIPING WITHIN THE PENTHOUSE.

MECHANICAL GENERAL NOTES:

1. PROVIDE SHUTOFF VALVES AT ALL BRANCH CONNECTIONS WITH THE EXCEPTION OF RUNOUTS TO A SINGLE UNIT.
2. ALL REFRIGERANT PIPING SHALL BE SIZED IN ACCORDNCE TO MANUFACTURER REQUIREMENTS.
3. ALL FLOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON A 4" TALL CONCRETE PAD THAT EXTENDS 3" ON ALL SIDES OF EACH PIECE OF EQUIPMENT. PAD TO BE INSTALLED BY MECHANICAL CONTRACTOR.
4. ALL THERMOSTATS SHOWN ON H-203 SHALL BE INSTALLED ON WALLS OR COLUMNS OF THE 2ND FLOOR.
5. PROVIDE PIPE COVERS FOR ALL EXPOSED REFRIGERANT PIPING LOCATED ON THE ROOF.
6. ALL A2L REFRIGERANT PIPING SHALL BE HARD DRAWN COPPER TYPE L OR K WITH BRAZED FITTINGS.



1 HVAC PENTHOUSE HYDRONIC PLAN
1/8" = 1'-0"



2 HVAC ROOF HYDRONIC PLAN
1/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DAVID FELLENZER
LICENSED PROFESSIONAL ENGINEER
069373
NY PROFESSIONAL ENGINEER
NO. 069373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

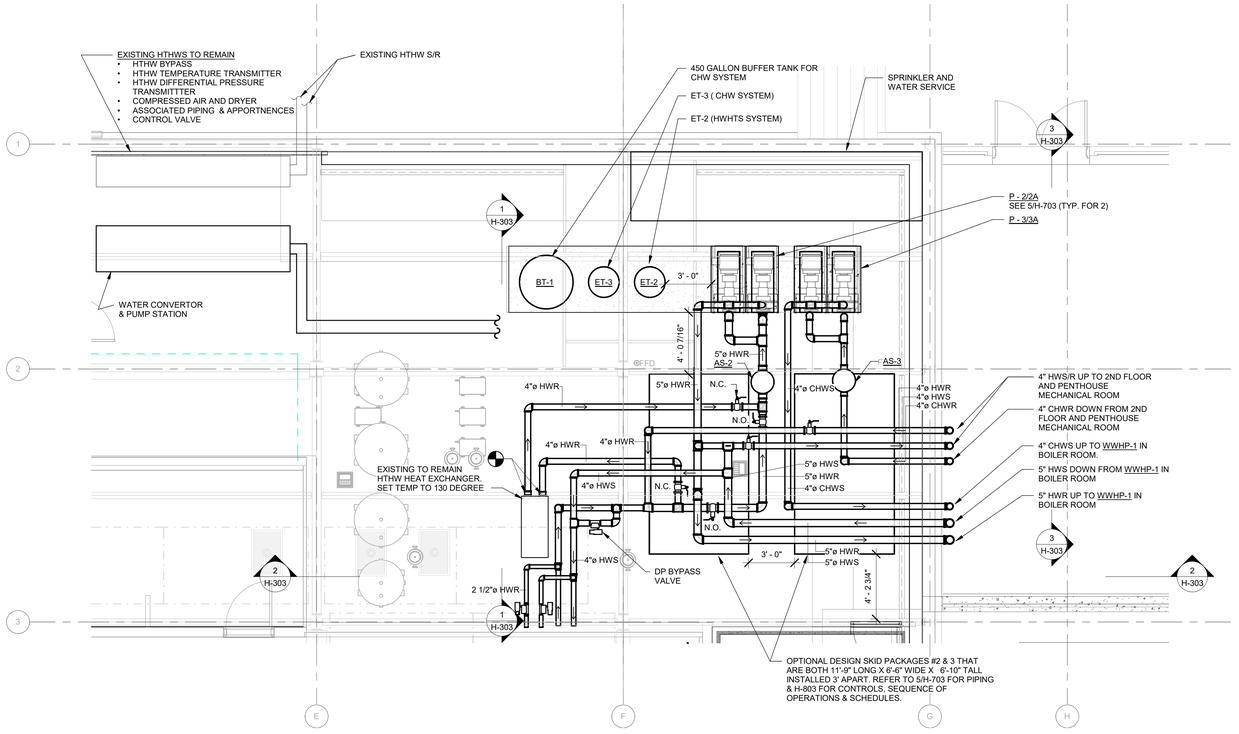
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: HVAC MEZZANINE HYDRONIC PLAN
SHEET NUMBER: H-203

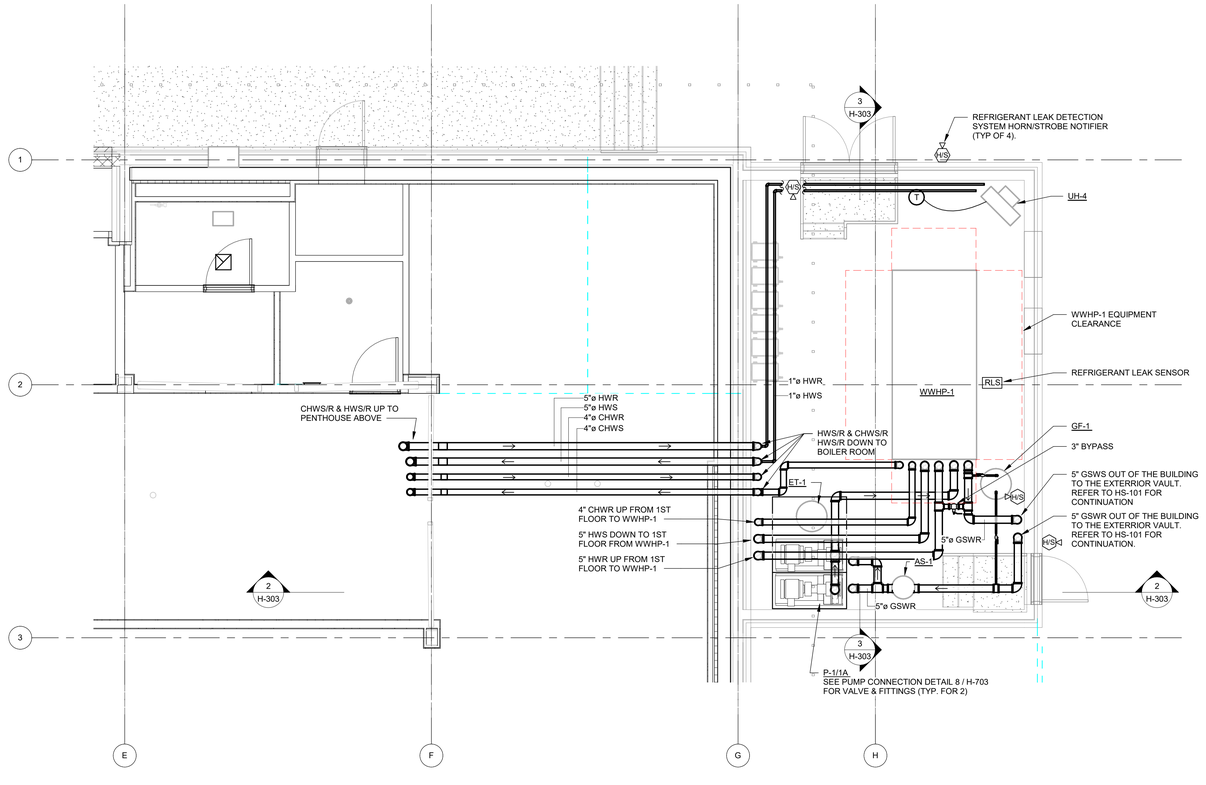
BID SET

PROJECT NUMBER: XX-XXX COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 ENLARGE FIRST FLOOR MECHANICAL ROOM HYDRONIC PLAN

1/4" = 1'-0"



2 HVAC ENLARGED SECOND FLOOR MECHANICAL ROOM HYDRONIC PLAN

1/4" = 1'-0"

MECHANICAL GENERAL NOTES:

1. PROVIDE SHUTOFF VALVES AT ALL BRANCH CONNECTIONS AND CONNECTIONS TO EACH UNIT.
2. ALL FLOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON A 4" TALL CONCRETE PAD THAT EXTENDS 3" ON ALL SIDES OF EACH PIECE OF EQUIPMENT. PAD TO BE INSTALLED BY MECHANICAL CONTRACTOR.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
093972
NY PROFESSIONAL ENGINEER
NO. 093972-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

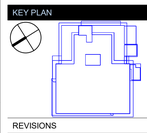
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: 1/4" = 1'-0"

SHEET NAME:
HVAC ENLARGED MECHANICAL ROOM HYDRONIC PLAN

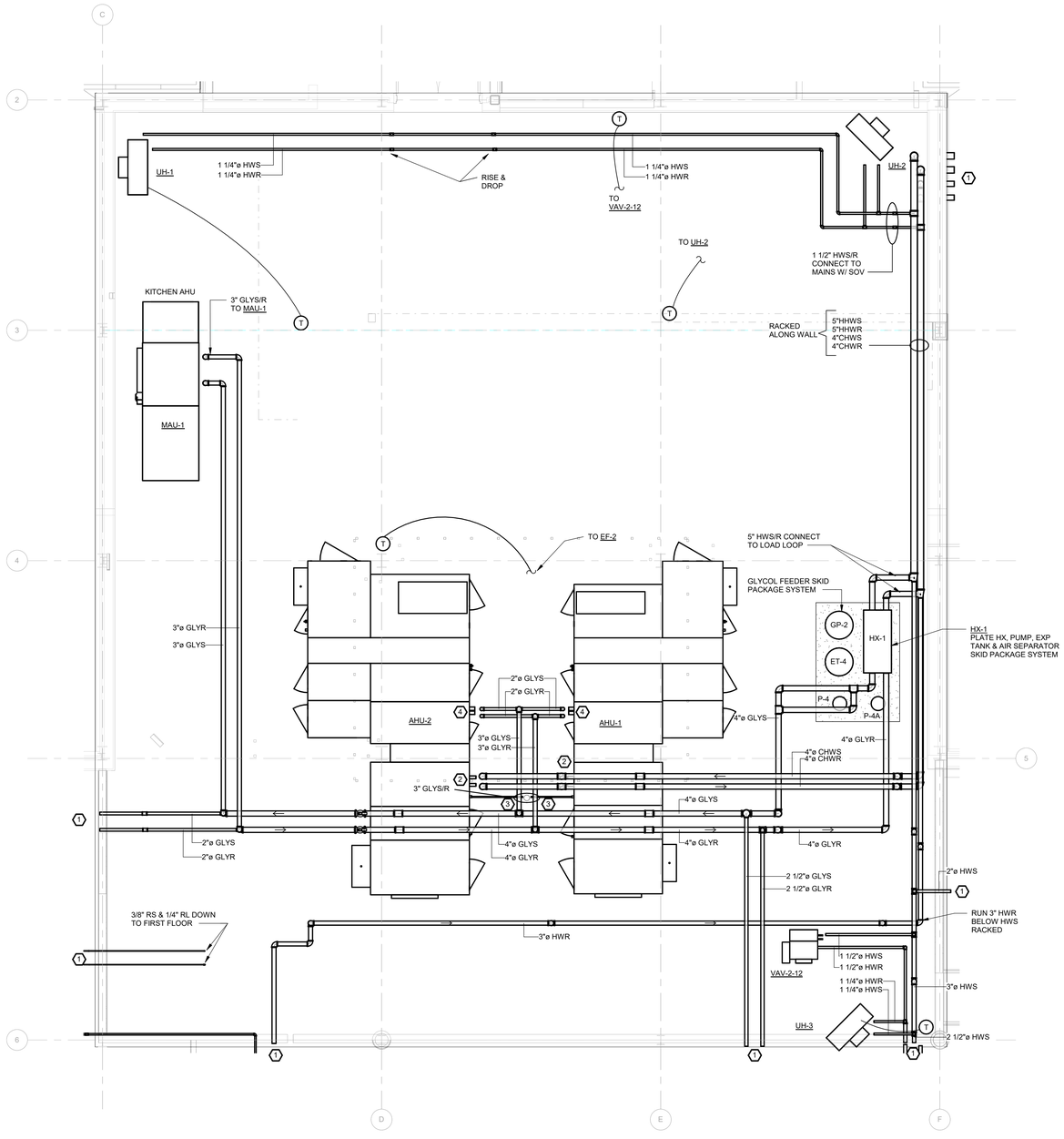
SHEET NUMBER:
H-204

BID SET

PROJECT NUMBER: XX-XXX COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MECHANICAL CONSTRUCTION KEY NOTES:

1. REFER TO 1/H-203
2. 3" CHWS/R DROPS TO COOLING COIL.
3. 3/4" CONDENSATE DRAIN FROM COOILING COIL TO NEAREST FLOOR DRAIN.
4. 2" GYLS/R DROPS TO HEATING COIL.



1 HVAC ENLARGED MEZZINIE HYDRONIC PLAN
1/4" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK · JOHN DAVID FELLENZER · 049373 · LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 069373
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

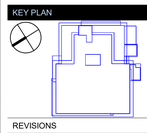
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



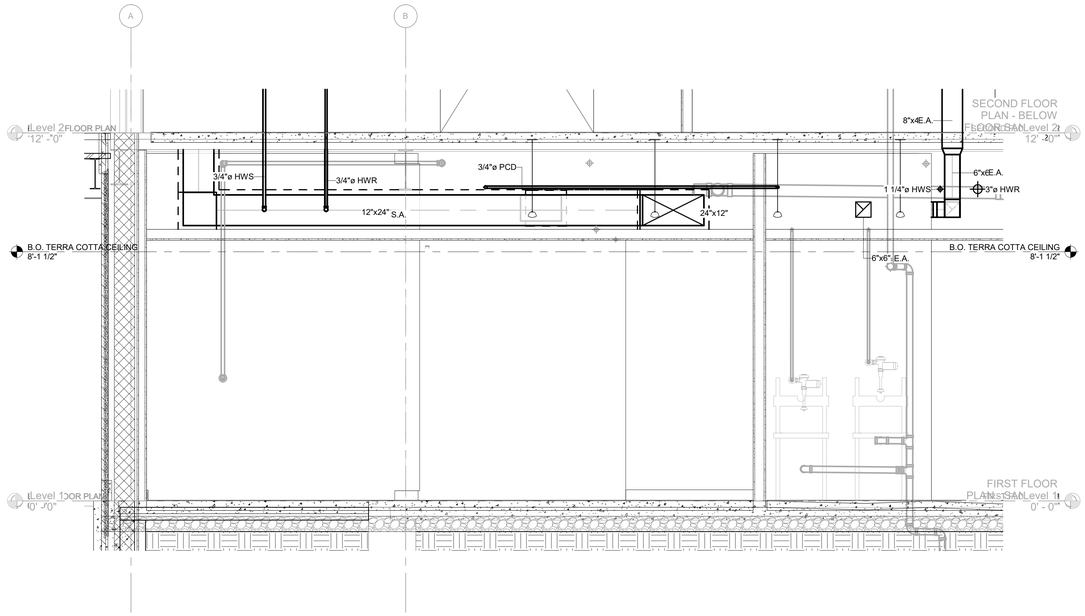
REVISIONS

No.	Description	Date

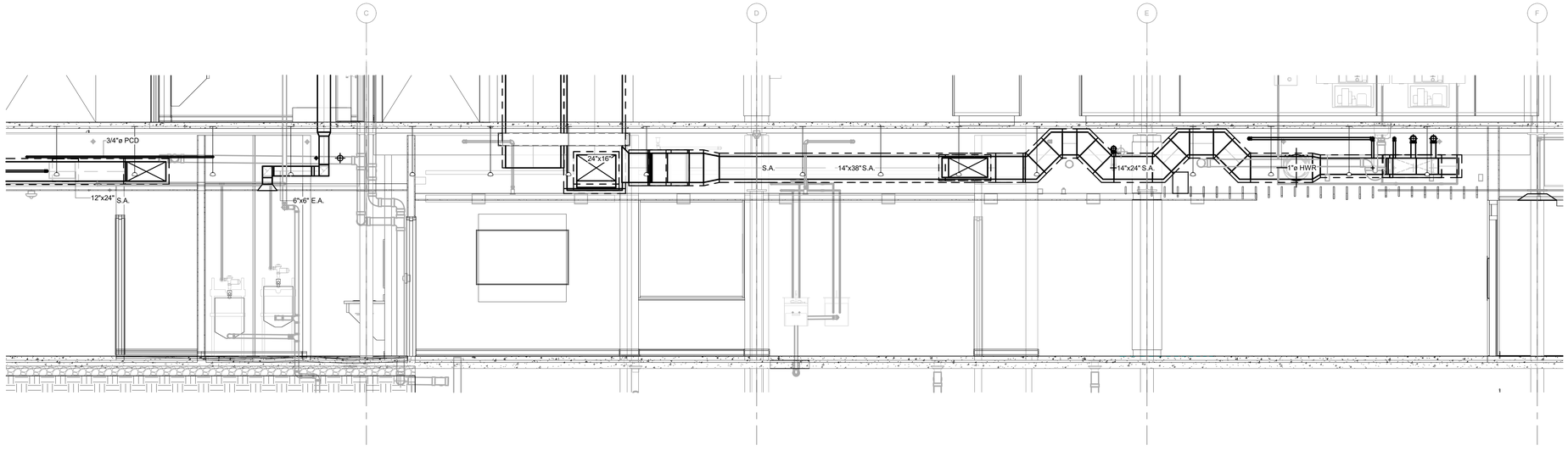
ISSUED: BID SET
DATE: 08/17/26
SCALE: 1/4" = 1'-0"
SHEET NAME:
HVAC ENLARGED MEZZANINE HYDRONIC PLAN
SHEET NUMBER:
H-205

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 HVAC FIRST FLOOR SECTION 1
1/2" = 1'-0"



2 HVAC FIRST FLOOR SECTION 2
3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DAVID FELLENZER · 089372 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 089372-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

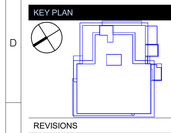
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
HVAC FIRST FLOOR SECTIONS

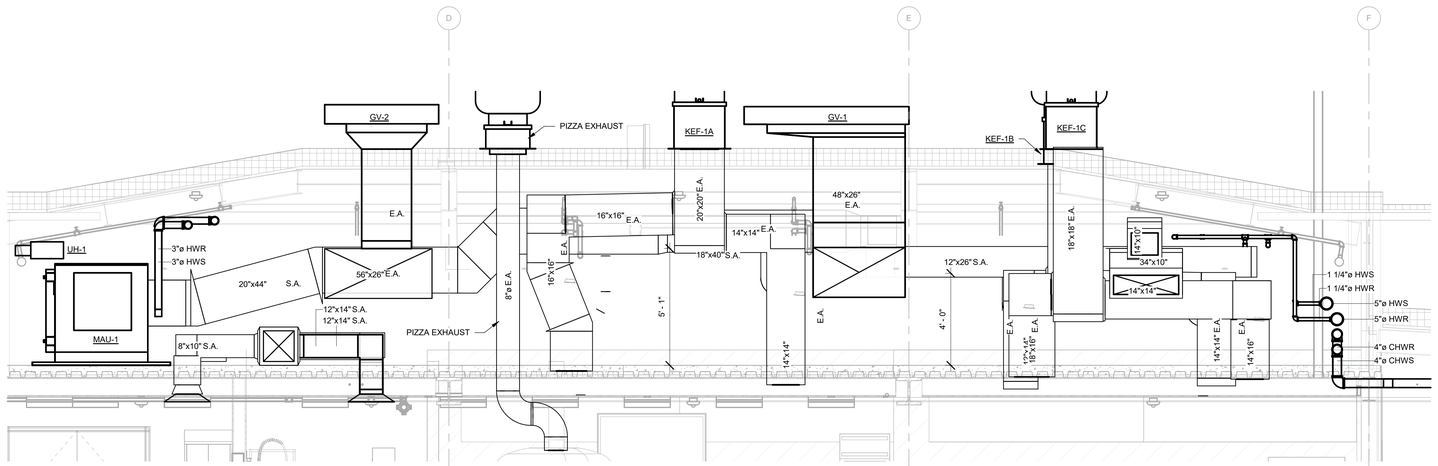
SHEET NUMBER:

H-301

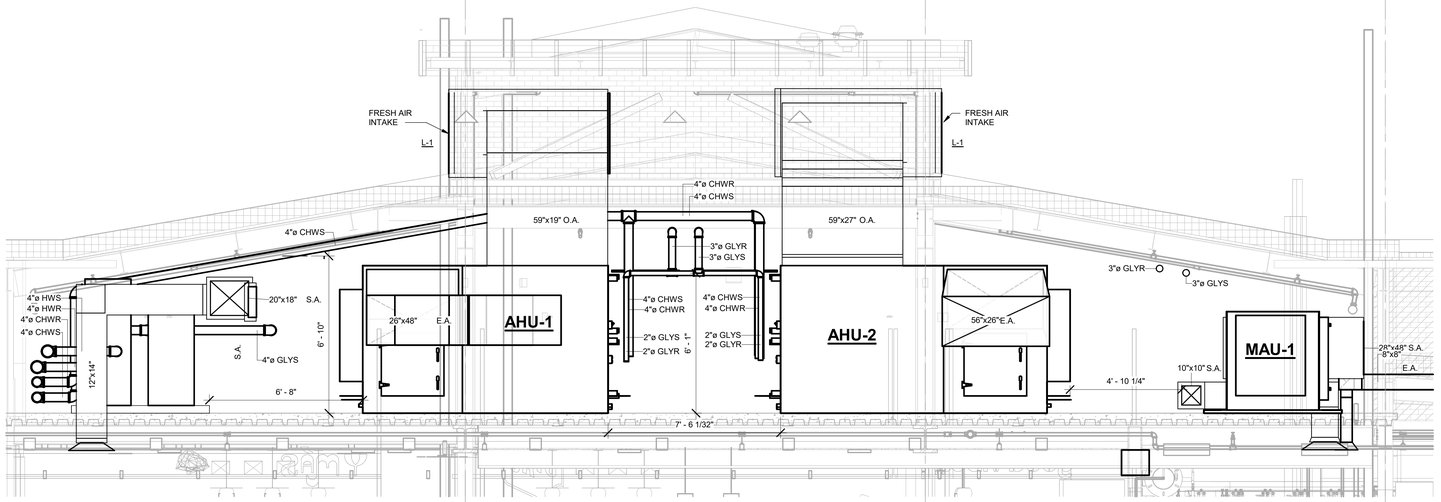
BID SET

PROJECT NUMBER: XX-XXX

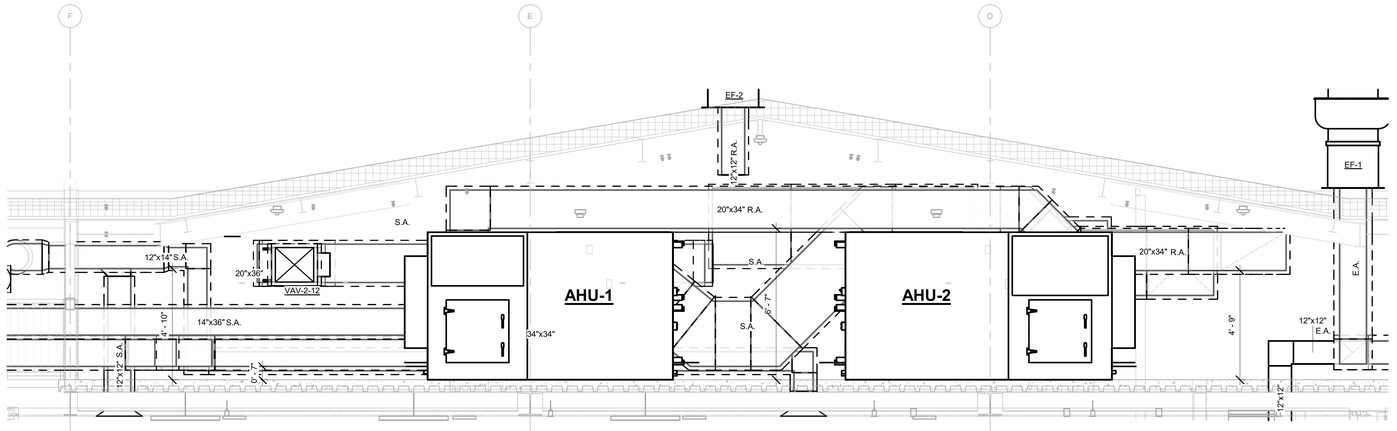
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



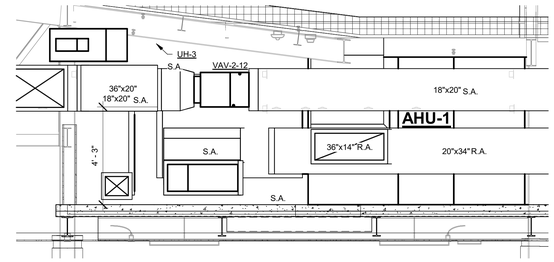
1 H- MEZZANINE SECTION 1
3/8" = 1'-0"



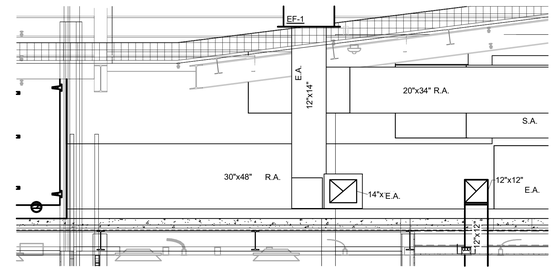
2 H- MEZZANINE SECTION 2
3/8" = 1'-0"



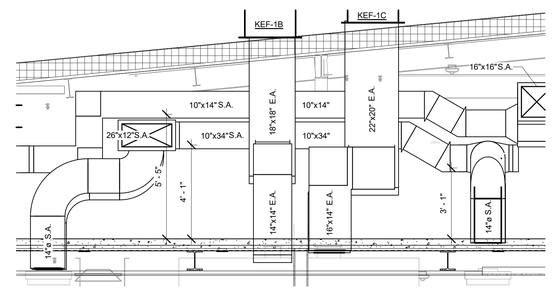
3 H- MEZZANINE SECTION 3
3/8" = 1'-0"



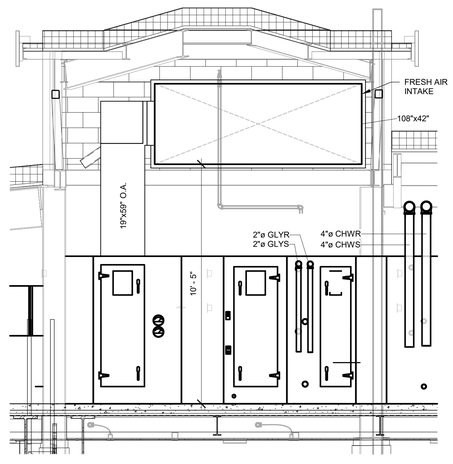
4 H- MEZZANINE SECTION 4
3/8" = 1'-0"



5 H- MEZZANINE SECTION 5
3/8" = 1'-0"



6 H- MEZZANINE SECTION 6
3/8" = 1'-0"



7 H- MEZZANINE SECTION 7
3/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DANIEL FELLENZER
LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER NO.: 069373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

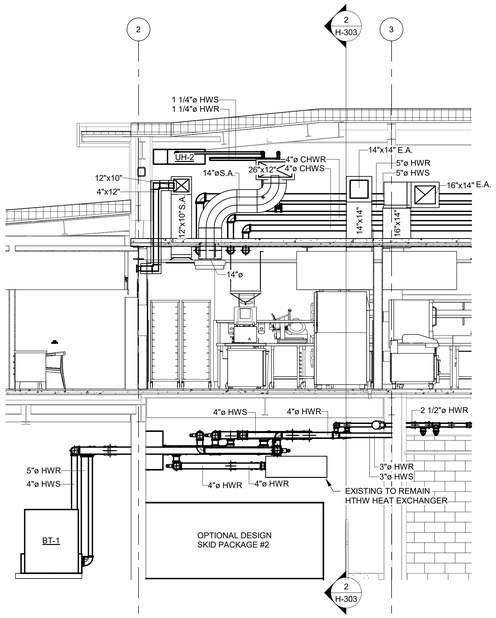
SCALE: 3/8" = 1'-0"

SHEET NAME:
HVAC MEZZANINE SECTIONS

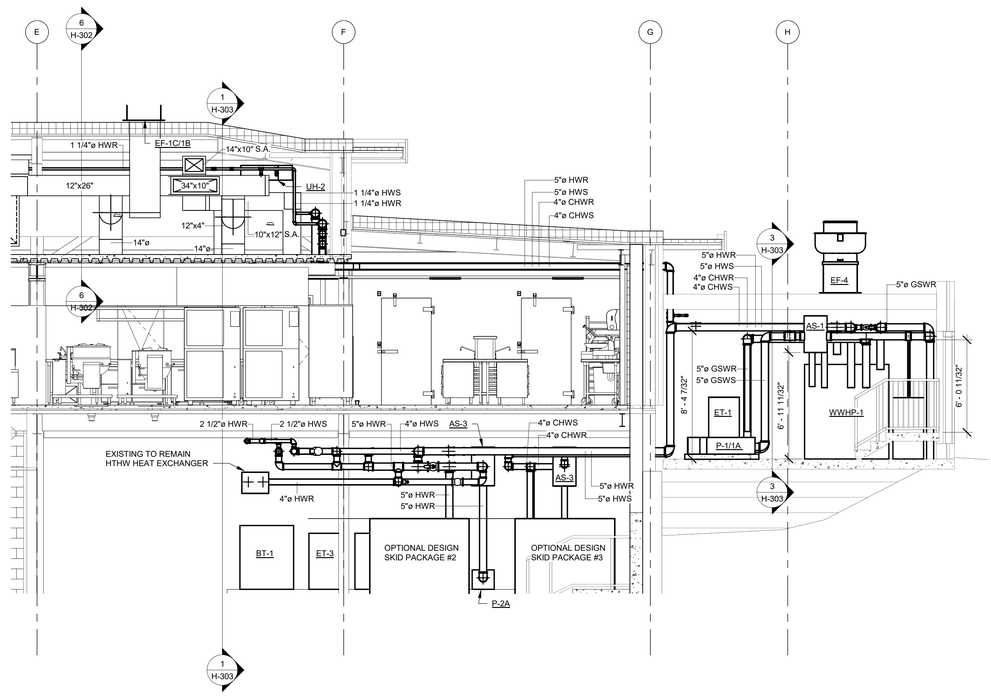
SHEET NUMBER:
H-302

BID SET

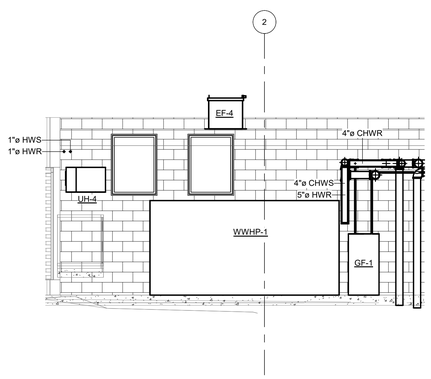
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL ROOM SECTION 1
1/4" = 1'-0"



2 MECHANICAL ROOM SECTION 2
1/4" = 1'-0"



3 GEOTHERMAL PIPING SECTION VIEW
1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DANIEL FELLENZER
083373
LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 083373-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

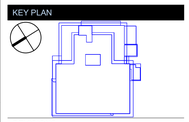
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

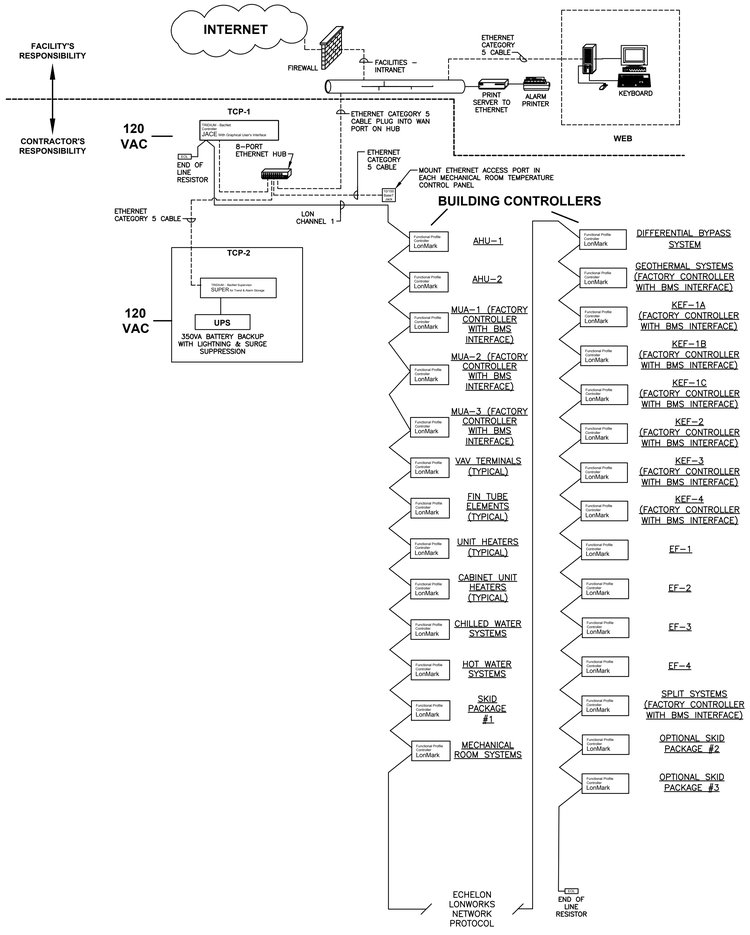
SCALE: 1/4" = 1'-0"

SHEET NAME:
HVAC MEZZININE & GEOTHERMAL SECTION VIEWS

SHEET NUMBER:
H-303

BID SET

PROJECT NUMBER: XX-XXX
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



NOTE:

THE DDC CONTROL SYSTEM MUST BE "OPEN PROTOCOL" AND "INTEROPERABLE" WITH OTHER MANUFACTURER'S PRODUCTS. THE CAMPUS WIDE CONTROL SYSTEM MUST BE ABLE TO EXPAND IN THE FUTURE WITHOUT HINDRANCE FROM INCOMPATIBLE CONTROL SYSTEM. KITCHEN HOOD AND FAN CONTROLS ARE INDICATED ON THE KITCHEN HOOD AND FAN DRAWING PACKAGE.

1 DDC CONTROL SYSTEM ONE-LINE DIAGRAM
N.T.S.

GENERAL CONTROL SYSTEM NOTES:

1. UNLESS OTHERWISE NOTED, EACH ZONE SHALL BE INDIVIDUALLY CONTROLLED BY THERMOSTATIC CONTROLS RESPONDING TO THE TEMPERATURE WITHIN THE ZONE.
2. UNLESS OTHERWISE NOTED, PERIMETER SYSTEMS (BASEBOARD HEATERS, CABINET UNIT HEATERS, ETC.) SHALL BE CONTROLLED INDEPENDENTLY OF THE AIR TEMPERING WITHIN EACH ZONE.
3. UNOCCUPIED HEATING: HEATING SYSTEMS, SHALL AUTOMATICALLY RESTART AND TEMPORARILY OPERATE AS REQUIRED TO MAINTAIN ZONE TEMPERATURES ABOVE A HEATING SET POINT 10°F BELOW THE OCCUPIED HEATING SET POINT (ADJ.).
4. UNOCCUPIED COOLING: COOLING SYSTEMS SHALL AUTOMATICALLY RESTART AND TEMPORARILY OPERATE AS REQUIRED TO MAINTAIN ZONE TEMPERATURES BELOW A COOLING SET POINT 5°F ABOVE THE OCCUPIED COOLING SET POINT (ADJ.).
5. THE DIRECT DIGITAL CONTROL SYSTEM SHALL PERFORM THE FOLLOWING FUNCTIONS:
   a. MONITOR ZONE AND SYSTEM DEMAND FOR FAN PRESSURE, PUMP PRESSURE, HEATING, AND COOLING.
   b. TRANSFER ZONE AND SYSTEM DEMAND INFORMATION FROM ZONES TO AIR DISTRIBUTION SYSTEM CONTROLLERS AND FROM AIR DISTRIBUTION SYSTEMS TO HEATING AND COOLING PLANT CONTROLLERS.
   c. AUTOMATICALLY DETECT ZONES AND SYSTEMS THAT MAY BE EXCESSIVELY DRIVING THE RESET LOGIC AND GENERATE AN ALARM.
   d. READILY ALLOW THE OPERATOR TO ADD AND REMOVE ZONES FROM THE RESET ALGORITHM.

CONTROL SYMBOLS LIST

- T — TEMPERATURE SENSOR
- F — FREEZESTAT
- H — HUMIDISTAT
- CS — CONTROL SWITCH
- DS — DUCT SMOKE DETECTOR
- DP — DIFFERENTIAL PRESSURE SENSOR
- PS — DUCT STATIC PRESSURE SENSOR
- CRS — CONDENSATION RETURN SWITCH
- MODULATING CONTROL VALVE
- MDS — MODULATING 2-POSITION DAMPER FOR AHU-1S SUPPLY DUCT
- MDE — MODULATING 2-POSITION DAMPER FOR AHU-1S EXHAUST DUCT
- CO2 AT — CARBON DIOXIDE TRANSMITTER
- SD — SMOKE DAMPER
- CONTROL STARTER
- EP — END SWITCH
- FAN

CONTROL ABBREVIATIONS

AAD	AUTOMATIC AIR DAMPER
ET	EXPANSION TANK
EF	EXHAUST FAN
SF	SUPPLY FAN
HCP	HEATING COIL PUMP (STATUS BY CURRENT SENSOR)
HC	GLYCOL HEATING COIL
CC	COOLING COIL
F.I.D.	FIELD INTERFACE DEVICE
HX	WATER-TO-WATER HEAT EXCHANGER
PFE	PREFILTER (EXHAUST SIDE)
AFS	AFTER FILTER (SUPPLY SIDE)
HHWV	HEATING HOT WATER CONTROL VALVE
CCV	COOLING COIL CONTROL VALVE
VFD	VARIABLE FREQUENCY DRIVE
AHU	AIR HANDLING UNIT
AFMS	AIR FLOW MEASURING STATION EBTRON FAN ARRAY MEASURING DEVICE PROVIDE & INSTALLED BY AHU VENDOR. CONTROL WIRING BY CONTROLS CONTRACTOR.
EAT	EXHAUST AIR TEMPERATURE
EAH	EXHAUST AIR HUMIDITY
ECO2	EXHAUST CO2
SAHRT	SUPPLY AIR HEAT RECOVERY TEMPERATURE
SAT	SUPPLY AIR TEMPERATURE
SASP	SUPPLY AIR STATIC PRESSURE
SAH	SUPPLY AIR HUMIDITY
ELP	EXHAUST LOW PRESSURE LIMIT
EF-STS	EXHAUST FAN STATUS
WWHP	WATER TO WATER HEAT PUMP

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DANIEL FELLENZER · 069373 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 069373-1
ISSUED: 1992; EXP. 9/28

SUCF Project No. 081056-00

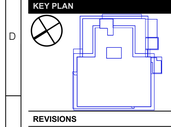
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: N.T.S

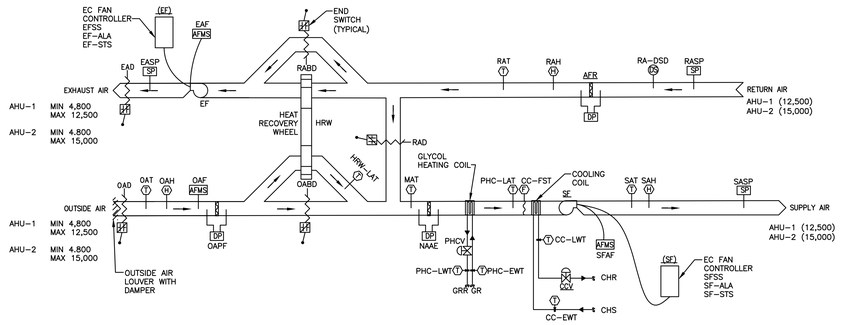
SHEET NAME:
HVAC CONTROLS SYMBOL, NOTES & ABBREVIATIONS - SYSTEM ARCHITECTURE DIAGRAM

SHEET NUMBER:
H-501

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 AHU-1 & 2 CONTROL SYSTEM SCHEMATIC
N.T.S.

AHU-1 & 2 SEQUENCE OF OPERATION:

PROVIDE A COMPLETE CONTROL SYSTEM TO PROVIDE THE FOLLOWING FUNCTIONS:

1. SAT POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, START/STOP, STATUS, CONTROL, ALARMS, ETC.
2. WHEN THE SYSTEM SHUTS DOWN THE SUPPLY FAN, THE RETURN/EXHAUST FAN, INTAKE DAMPER, DISCHARGE DAMPER, PREHEAT COIL CONTROL VALVE, AND COOLING COIL CONTROL VALVE SHALL BE CLOSED OR OFF.
3. THE SUPPLY AIR TEMPERATURE SHALL BE RESET INVERSELY WITH THE OUTSIDE AIR TEMPERATURE BY MODULATING THE PREHEAT COIL CONTROL VALVE AND THE COOLING COIL CONTROL VALVE, SUBJECT TO THE RETURN AIR TEMPERATURE, ACCORDING TO THE FOLLOWING SCHEDULE:

   OA TEMPERATURESA TEMPERATURE
   0°F (ADJ.) 65°F (ADJ.)
   90°F (ADJ.) 55°F (ADJ.)

4. THE SUPPLY FAN AND RETURN/EXHAUST FAN SHALL NOT START UNTIL THE END SWITCHES AT THE OUTDOOR AIR INTAKE AND EXHAUST DAMPERS HAVE INDICATED THAT THE DAMPERS ARE OPEN.
5. THE SMOKE DETECTOR LOCATED IN THE RETURN DUCTWORK SHALL SHUT DOWN THE SYSTEM UPON SENSING SMOKE. AN ALARM SHALL BE REGISTERED AT THE BMS AND FIRE ALARM PANEL. BOTH SHALL INDICATE FAN SYSTEM AND LOCATION.
6. THE SYSTEM FREEZESTAT SHALL STOP THE SYSTEMS AND CLOSE THE OUTSIDE AIR DAMPER IF THE TEMPERATURE SENSED DROPS BELOW ITS RATING OF 40°F AND SHALL REGISTER AN ALARM WITH THE BMS.
7. THE SUPPLY FAN AND RETURN/EXHAUST FANS SHALL START VIA THEIR ASSOCIATED VFDS. THE VFDS SHALL MODULATE TO MAINTAIN THE REQUIRED SYSTEM STATIC. LOCATE STATIC PRESSURE SENSOR APPROXIMATELY 2/3 DISTANCE OF THE PRIMARY DUCT RUN FOR EACH AIR HANDLER.
8. NORMAL OPERATION:
   A. HEATING – DURING HEATING MODE, UPON A CALL FOR HEAT FROM THE BMS, THE HEATING COIL CONTROL VALVE SHALL MODULATE OPEN. ONCE THE DEMAND FOR HEAT HAS BEEN MET BASED ON THE SIGNAL FROM THE BMS, THE HEATING COIL CONTROL VALVE SHALL MODULATE, TO MAINTAIN THE DISCHARGE AIR TEMPERATURE.
   B. COOLING – DURING COOLING MODE, UPON A CALL FOR COOLING FROM THE BMS, THE COOLING COIL CONTROL VALVE SHALL MODULATE OPEN. ONCE THE DEMAND FOR COOLING HAS BEEN MET BASED ON THE SIGNAL FROM THE BMS, THE COOLING COIL CONTROL VALVE SHALL MODULATE, TO MAINTAIN THE DISCHARGE AIR TEMPERATURE.

      OA TEMPERATURERET/EX HUMIDITY
      0°F (ADJ.) 20% (VARIES)
      55°F (ADJ.) 45% (VARIES)

   C. ECONOMIZER – MONITORING THE OUTSIDE AIR TEMPERATURE, OUTSIDE AIR HUMIDITY, RETURN AIR TEMPERATURE AND RETURN AIR HUMIDITY, THE ENTHALPY'S SHALL BE COMPARED. IF THE OUTSIDE AIR ENTHALPY IS AT OR BELOW 65 DEGREES F, DURING UNOCCUPIED AND OCCUPIED PERIODS, THE OUTSIDE AIR AND RETURN AIR DAMPERS SHALL BE MODULATED TO MAINTAIN THE DISCHARGE AIR SETPOINT TEMPERATURES.

      DISCHARGE AIR SETPOINT CONTROL: DISCHARGE AIR TEMPERATURE SHALL BE RESET ACCORDING TO SPACE TEMPERATURE SENSORS.
      i. AS THE AVERAGE OF THE SPACE TEMPERATURE SENSORS INCREASES TO ABOVE 72 DEGREES F (ADJUSTABLE), THE NORMALLY CLOSED OUTSIDE AIR DAMPER SHALL MODULATE OPEN FROM MIN O.A. TO MAX O.A.
      ii. AS SPACE TEMPERATURE DECREASES, THE OUTSIDE AIR DAMPER SHALL MODULATE FROM 100% TO THE MINIMUM POSITION.

   D. MINIMUM OUTDOOR AIRFLOW CONTROL – THE OUTDOOR AIR DAMPER SHALL BE SET TO PROVIDE MINIMUM SCHEDULED OUTDOOR AIR TO SYSTEM.
      i. DURING OPERATION, THE DAMPER SHALL START AT THE MINIMUM OUTDOOR AIR POSITION.
      ii. AS DEMAND VARIES BASED ON BMS INPUT, THE OUTDOOR AIR DAMPER SHALL MODULATE BETWEEN THE MINIMUM OUTDOOR AIR POSITION AND FULL AIRFLOW TO MAINTAIN THE SCHEDULE OUTDOOR AIRFLOW RATES, AS MEASURED BY THE OUTDOOR AFMS.
      iii. WHEN THE UNIT IS NOT IN OPERATION, THE OUTDOOR AIR DAMPER SHALL FULLY CLOSE.
      iv. EACH ZONE SHALL MODULATE THE OUTSIDE AIR FLOW REQUIRED USING DEMAND CONTROL VENTILATION, MONITORING THE CO2 AND SYSTEM VENTILATION EFFICIENCY, TO OPTIMIZE THE VAV SYSTEM VENTILATION PER ZONE.

   E. SUPPLY STATIC PRESSURE RESET – THE AIR HANDLER SHALL BE SET TO PROVIDE THE MINIMUM SCHEDULED AIRFLOW TO ALL ZONES AT A GIVEN STATIC PRESSURE.
      i. DURING OPERATION, THE FAN SHALL RUN AT THE MINIMUM SPEED REQUIRED TO MEET THE SET STATIC PRESSURE.
      ii. AS THE STATIC PRESSURE OF THE SYSTEM CHANGES, THE FAN SHALL MODULATE UP AND DOWN TO MAINTAIN THE STATIC PRESSURE SET POINT.
      iii ALL VAV POSITIONS SHALL BE POLLED AND THE SUPPLY STATIC PRESSURE SETPOINT SHALL BE RESET DOWNWARD UNTIL THE WORST CASE VAV BOX IS 100% OPEN.

   F. RETURN FAN TRACKING – THE SPEED OF THE RETURN (EXHAUST) FAN SHALL BE DIRECTLY RELATED TO THE SPEED OF THE SUPPLY FAN SUCH THAT THE AIRFLOW IN THE SUPPLY AND RETURN SYSTEMS ARE AS SCHEDULED.
      i. AS THE SUPPLY FAN INCREASES IN SPEED, THE RETURN (EXHAUST) FAN SHALL INCREASE IN SPEED TO MATCH THE INCREASED AIRFLOW FROM THE SUPPLY FAN.
      ii. AS THE SUPPLY FAN DECREASES IN SPEED, THE RETURN (EXHAUST) FAN SHALL DECREASE IN SPEED TO MATCH THE DECREASED AIRFLOW FROM THE SUPPLY FAN.
   G. ENERGY WHEEL CONTROL – THE WHEEL SHALL MODULATE SPEED TO MAINTAIN THE LEAVING AIR SET POINT (ADJ).
      i. WHEN THE ENTHALPY OF THE OUTDOOR AIR EXCEEDS THE ENTHALPY OF THE EXHAUST AIR, THE ENERGY WHEEL SHALL ENERGIZE.

   H. HIGH DUCT PRESSURE SHUTDOWN – UPON DETECTION OF DUCT PRESSURE ABOVE 5.0" W.G. (ADJ.) IN THE SUPPLY OR RETURN AIR STREAMS, THE SUPPLY AND RETURN FANS SHALL MODULATE DOWN TO REDUCE THE PRESSURE BELOW THIS VALUE AND SIGNAL AN ALARM TO THE BMS.
      j. SHOULD THE FAN SPEEDS DROP BELOW THE MINIMUM SPEED FOR MINIMUM OPERATION, A SECOND ALARM SHALL BE SIGNALED TO THE BMS.
      ii. SHOULD THE FAN SPEEDS DROP BELOW 50% OF THE MINIMUM SPEED FOR MINIMUM OPERATION (ADJ.), THE UNIT SHALL SHUT DOWN AND SIGNAL A THIRD ALARM TO THE BMS.

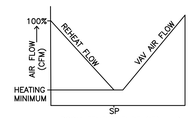
   I. FILTER DIFFERENTIAL PRESSURE RESPONSE – AT MINIMUM AND MAXIMUM AIRFLOW, THE DIFFERENTIAL PRESSURE ACROSS EACH FILTER SHALL BE MEASURED AND SET.
      i. THE DIFFERENTIAL PRESSURE GAUGE SHALL REPORT THE DIFFERENTIAL PRESSURE MEASURED AND COMPARE IT TO THE SET VALUE.
      ii. AT A 50% INCREASE IN THE DIFFERENTIAL PRESSURE OVER THE SET VALUE (ADJ.), A TROUBLE SIGNAL SHALL BE RELAYED TO THE BMS.
      iii. AT A 100% INCREASE IN THE DIFFERENTIAL PRESSURE OVER THE SET VALUE (ADJ.), AN ALARM SIGNAL SHALL BE RELAYED TO THE BMS.

   J. MULTIPLE-ZONE VAV VENTILATION OPTIMIZATION CONTROL.
      i. EACH ZONE SHALL MODULATE THE OUTSIDE AIR FLOW REQUIRED USING DEMAND CONTROL VENTILATION, MONITORING THE CO2 AND SYSTEM VENTILATION EFFICIENCY, TO OPTIMIZE THE VAV SYSTEM VENTILATION PER ZONE.
      ii. AS THE CO2 CONCENTRATION GOES DOWN, AND THE VENTILATION EFFICIENCY INCREASES, THE ZONE SHALL DECREASE THE REQUIRED OUTSIDE AIRFLOW AND THE OA DAMPER SHALL MODULATE.

9. MORNING WARM-UP/COOL-DOWN OPERATION:
   A. MORNING WARM-UP:
      i. SCHEDULED BEFORE OPERATIONAL HOURS, WHILE STILL UNOCCUPIED, THE OA DAMPER SHALL MODULATE FULLY CLOSED AND THE HEATING COIL CONTROL VALVE SHALL MODULATE OPEN TO DELIVER DESIRED DISCHARGE AIR TEMPERATURE.
   B. MORNING COOL-DOWN:
      ii. SCHEDULED BEFORE OPERATIONAL HOURS, WHILE STILL UNOCCUPIED, THE OA DAMPER SHALL MODULATE FULLY CLOSED AND THE COOLING COIL CONTROL VALVE SHALL MODULATE OPEN TO DELIVER DESIRED DISCHARGE AIR TEMPERATURE.

CONTROL POINTS SCHEDULE

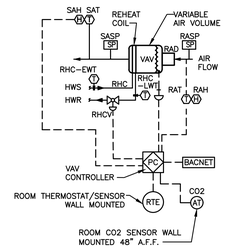
| AHU-1 & 2 POINTS LIST | | INPUTS: ANALOG | | |



VAV BOX CONTROL SEQUENCE

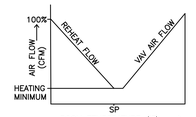
NO DEADBAND

A. UPON FALL IN SPACE TEMPERATURE THE VAV DAMPER WILL MODULATE TO MINIMUM POSITION.
B. UPON FURTHER DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT ± .5° F. THE ADJUSTABLE TOLERANCE OF ± .5° F HAS BEEN SELECTED TO PREVENT VALVE HUNTING
C. THE REVERSE SHALL OCCUR ON THE RISE IN SPACE TEMPERATURE.



NO SUPPLEMENTAL HEATING

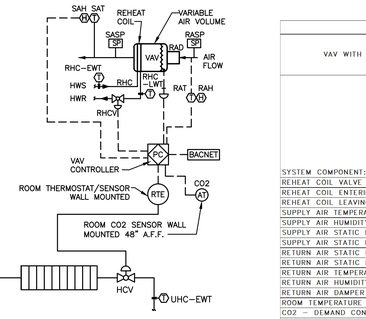
1 VARIABLE VOLUME AIR TERMINAL UNIT CONTROL DIAGRAM
N.T.S.



VAV BOX CONTROL SEQUENCE

NO DEADBAND

A. UPON FALL IN SPACE TEMPERATURE THE VAV DAMPER WILL MODULATE TO MINIMUM POSITION.
B. UPON FURTHER DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT ± .5° F. THE ADJUSTABLE TOLERANCE OF ± .5° F HAS BEEN SELECTED TO PREVENT VALVE HUNTING
C. THE REVERSE SHALL OCCUR ON THE RISE IN SPACE TEMPERATURE.



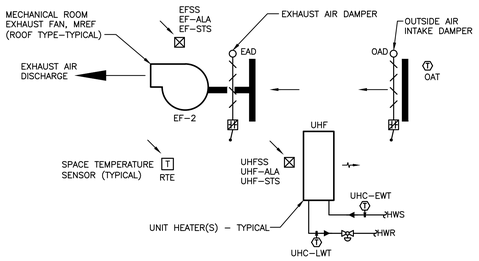
2 VARIABLE VOLUME AIR TERMINAL UNIT WITH FIN TUBE SILL HEATING CONTROL DIAGRAM
N.T.S.

CONTROL POINTS SCHEDULE

VARIABLE AIR VOLUME (VAV) UNITS POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	–	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
REHEAT COIL VALVE	RHCV	●							●					●																	●				●		
REHEAT COIL ENTERING WATER TEMPERATURE	PHC–EWT		●																											●						
REHEAT COIL LEAVING WATER TEMPERATURE	PHC–LWT		●																											●						
SUPPLY AIR TEMPERATURE	SAT	●																			●	●						●		●						
SUPPLY AIR HUMIDITY	SAH					●															●	●						●		●						
SUPPLY AIR STATIC PRESSURE	SASP			●																								●								
SUPPLY AIR STATIC PRESSURE HIGH LIMIT	SASP–HL			●																	●															
RETURN AIR STATIC PRESSURE	RASP			●																								●								
RETURN AIR STATIC PRESSURE LOW LIMIT	RASP–LL			●																		●														
RETURN AIR TEMPERATURE	RAT		●																									●								
RETURN AIR HUMIDITY	RAH					●																						●								
RETURN AIR DAMPER	RAD	●										●			●													●								
ROOM TEMPERATURE SENSOR	RTE		●																									●								
CO2 – DEMAND CONTROL VENTILATION	CO2							●													●									●	●					

CONTROL POINTS SCHEDULE

VAV WITH FIN TUBE SILL HEATING POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	–	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
REHEAT COIL VALVE	RHCV	●							●					●																	●				●		
REHEAT COIL ENTERING WATER TEMPERATURE	PHC–EWT		●																											●						
REHEAT COIL LEAVING WATER TEMPERATURE	PHC–LWT		●																											●						
SUPPLY AIR TEMPERATURE	SAT	●																			●	●						●		●						
SUPPLY AIR HUMIDITY	SAH					●															●	●						●		●						
SUPPLY AIR STATIC PRESSURE	SASP			●																								●								
SUPPLY AIR STATIC PRESSURE HIGH LIMIT	SASP–HL			●																	●															
RETURN AIR STATIC PRESSURE	RASP			●																								●								
RETURN AIR STATIC PRESSURE LOW LIMIT	RASP–LL			●																		●														
RETURN AIR TEMPERATURE	RAT		●																									●								
RETURN AIR HUMIDITY	RAH					●																						●								
RETURN AIR DAMPER	RAD	●										●			●													●								
ROOM TEMPERATURE SENSOR	RTE		●																									●								
CO2 – DEMAND CONTROL VENTILATION	CO2							●													●									●	●					
HEATING COIL VALVE	HCV	●							●					●																	●				●		
HEATING COIL ENTERING WATER TEMPERATURE	UHC–EWT		●																											●						
HEATING COIL LEAVING WATER TEMPERATURE	UHC–LWT		●																											●						



3 MECHANICAL ROOM CONTROL SCHEMATIC
N.T.S.

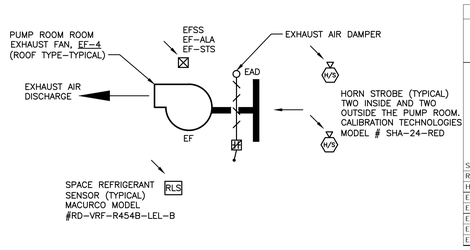
CONTROL POINTS SCHEDULE

MECH. ROOM HEATER & EXHAUST FAN POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	–	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
OUTSIDE AIR DAMPER	OAD	●										●			●													●								
OUTSIDE AIR TEMPERATURE	OAT		●																									●								
UNIT HEATER HEATING COIL VALVE	UHCV	●						●							●													●					●			
UNIT HEATER H.C. ENTERING WATER TEMPERATURE	UHC–EWT		●																									●								
UNIT HEATER H.C. LEAVING WATER TEMPERATURE	UHC–LWT		●																									●								
UNIT HEATER FAN	UHF										●							●										●								
UNIT HEATER FAN START/STOP	UHFSS																			●																	
UNIT HEATER FAN ALARM	UHF–ALA											●																●								
UNIT HEATER FAN STATUS	UHF–STS										●																●									
ROOM TEMPERATURE	RTE		●																									●								
EXHAUST FAN	EF										●							●										●								
EXHAUST FAN START/STOP	EFSS																			●																	
EXHAUST FAN ALARM	EF–ALA											●																●								
EXHAUST FAN STATUS	EF–STS										●																●									
EXHAUST AIR DAMPER	EAD	●										●			●													●								

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. THE MECHANICAL ROOM SPACE TEMPERATURE SHALL BE CONTROLLED BY THE ECC THROUGH THE USE OF THE SPACE TEMPERATURE SENSOR AND OPERATION OF THE EXHAUST AIR DAMPER, EXHAUST FAN AND UNIT HEATER AS FOLLOWS:
   A. HEATING – THE UNIT HEATER SHALL CYCLE TO MAINTAIN THE SPACE TEMPERATURE AT 60°F. THE EXHAUST FAN SHALL BE OFF AND THE E.A. DAMPERS CLOSED.
   B. VENTILATION – WHEN THE SPACE TEMPERATURE RISES ABOVE 80°F THE EXHAUST AIR DAMPERS SHALL OPEN AND THE EXHAUST FAN SHALL CYCLE TO MAINTAIN A SPACE TEMPERATURE OF 80°F. (ADJ)
   C. WHEN THE SPACE TEMPERATURE FALLS BELOW 78°F (ADJ) THE EXHAUST FAN SHALL BE DE–ENERGIZED. UPON A CONTINUED DROP IN SPACE TEMPERATURE TO BELOW 68°F THE E.A. DAMPERS SHALL CLOSE.



4 PUMP ROOM REFRIGERANT EXHAUST FAN CONTROL SCHEMATIC
N.T.S.

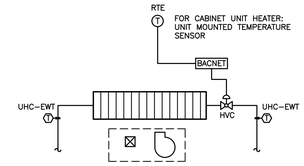
CONTROL POINTS SCHEDULE

REFRIGERANT LEAK EXHAUST FAN POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	–	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
REFRIGERANT LEAK SENSOR	RLS							●														●															
HORN STROBE	HS																					●															
EXHAUST FAN	EF										●	●								●								●									
EXHAUST FAN START/STOP	EFSS																	●																			
EXHAUST FAN ALARM	EF–ALA											●																●									
EXHAUST FAN STATUS	EF–STS										●																●									
EXHAUST AIR DAMPER	EAD	●										●			●													●									

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. THE PUMP ROOM EXHAUST FAN SHALL BE CONTROLLED BY THE ECC THROUGH THE USE OF THE REFRIGERANT LEAK SENSOR AND THE OPERATION OF THE EXHAUST FAN AND EXHAUST AIR DAMPER AS FOLLOWS:
   A. THE REFRIGERANT SENSOR SHALL CONTINUOUSLY MONITOR THE REFRIGERANT LEVEL WITHIN THE SPACE.
   B. WHEN THE REFRIGERANT SENSOR DETECTS REFRIGERANT ABOVE THE OCCUPATIONAL EXPOSURE LIMIT (OEL) OF 850 PPM IN THE SPACE, THE FOLLOWING SHALL HAPPEN:
      - THE HEAT PUMP SHALL AUTOMATICALLY SHUT OFF.
      - THE EXHAUST AIR DAMPER SHALL OPEN AND THE EXHAUST FAN SHALL ENERGIZE. THE EXHAUST FAN SHALL CONTINUOUSLY RUN UNTIL THE SENSOR NO LONGER DETECTS REFRIGERANT WITHIN THE SPACE.
      - HORN STROBE DEVICES SHALL GO OFF CONTINUOUSLY UNTIL THE SENSOR NO LONGER DETECTS REFRIGERANT WITHIN THE SPACE.
      - THE BMS NOTIFY THE FIRE ALARM SYSTEM UNTIL THE SENSOR NO LONGER DETECTS REFRIGERANT WITHIN THE SPACE.



5 CABINET HEATER & UNIT HEATERCONTROL SCHEMATIC
N.T.S.

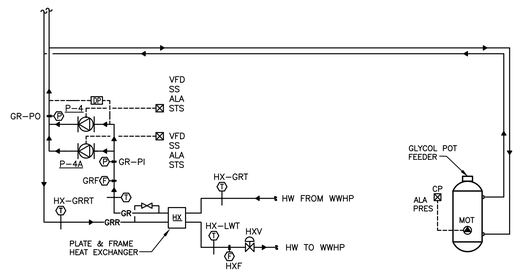
CONTROL POINTS SCHEDULE

CABINET HEATER & UNIT HEATER POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	–	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
HEATING COIL VALVE	HCV	●							●					●																	●				●		
HEATING COIL ENTERING WATER TEMPERATURE	UHC–EWT		●																											●						
HEATING COIL LEAVING WATER TEMPERATURE	UHC–LWT		●																											●						
SUPPLY FAN	SF										●	●								●								●								
SUPPLY FAN START/STOP	SFSS																	●																			
SUPPLY FAN ALARM	SF–ALA											●																●								
SUPPLY FAN STATUS	SF–STS										●																●									
ROOM TEMPERATURE	RTE	●																										●	●			●	●				

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. THE ROOM PERIMETER TEMPERATURE SHALL BE CONTROLLED BY THE ECC THROUGH THE USE OF THE PERIMETER TEMPERATURE SENSOR AND OPERATION OF THE HEATING CONTROL VALVE AS FOLLOWS:
   A. HEATING – DURING OCCUPIED HOURS ONLY AND WHEN OAT IS BELOW 40°F, OPEN CONTROL VALVE ON SILL AND CABINET HEATER HEATING LINE TO RAISE PERIMETER TEMPERATURE SENSOR TO 65°F (ADJ.). VALVE SHALL MODULATE TO MAINTAIN THIS SET POINT ±1°F (ADJ.). AT THE END OF OCCUPIED HOUR, CLOSE CONTROL VALVE ON SILL AND CABINET HEATER HEATING LINES. FOR CABINET HEATERS, ENERGIZE AND DE–ENERGIZE FAN BASED ON ROOM TEMPERATURE SENSOR.



6 SKID PACKAGE #1 CONTROL SCHEMATIC
N.T.S.

CONTROL POINTS SCHEDULE

GLYCOL PREHEAT SYSTEM POINTS LIST		INPUTS: ANALOG: POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	DIGITAL: STATUS	OPEN/CLOSED	ALARM	OUTPUTS: ANALOG: SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	DIGITAL: START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING: HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	APPLICATION: SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE SETPOINT	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
HEAT EXCHANGER VALVE	HXV	●												●																●					●		
HX ENTERING WATER TEMPERATURE – WATER SIDE	HX–EWT		●																											●						
HX LEAVING WATER TEMPERATURE – WATER SIDE	HX–LWT		●																											●						
HX ENTERING WATER TEMPERATURE – GLYCOL SIDE	HX–GRT		●																											●						
HX LEAVING WATER TEMPERATURE – GLYCOL SIDE	HX–GRRT		●																									●								
HX FLOW	HXF				●																																
GLYCOL PUMPS	P–4/P–4A																			●								●							●	●	
GLYCOL FLOW	GRF				●																							●								
GLYCOL PUMPS – INLET PRESSURE	GR–PI			●																								●								
GLYCOL PUMPS – OUTLET PRESSURE	GR–PO			●																								●								
GLYCOL PUMP VFD'S	VFD								●																												
GLYCOL PUMPS START/STOP	SS																	●																			
GLYCOL PUMPS ALARM	ALA											●																●								
GLYCOL PUMPS STATUS	STS																																				
GLYCOL PUMP MOTOR	MOT																	●																			
GLYCOL CONTROL PANEL	CP											●																									
GLYCOL PRESSURE	PRES			●																								●								
GLYCOL WATER LEVEL	ALA											●																●								

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. ON CALL FOR HEAT IN THE GLYCOL HEATING SYSTEM, THE GLYCOL WATER PUMP SHALL ENERGIZE. THE PUMP SHALL RUN TO MAINTAIN THE SET FLOW AND PRESSURE POINT (ADJ.).
3. ONCE THE CALL FOR HEATING HAS BEEN SATISFIED, THE GLYCOL HOT WATER PUMP SHALL DE–ENERGIZE.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD–LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).
5. WHEN THE SYSTEM PRESSURE DROPS BELOW THE SET POINT ON THE PRESSURE SWITCH, THE GLA PUMP IS STARTED ADDING FLUID FROM THE GIA TANK INTO THE HVAC SYSTEM. WHEN THE SYSTEM PRESSURE RETURNS TO NORMAL OPERATING CONDITIONS, THE PUMP STOPS.
6. AS THE TANK EMPTIES, A LEVEL SWITCH IS ACTUATED LIGHTING THE LOW LEVEL PILOT LIGHT, IF THE SYSTEM IS NOT FILLED, A SECOND LEVEL SWITCH STOPS THE PUMP(S) PREVENTING THE PUMP(S) FROM RUNNING DRY.
7. DRY CONTACTS CAN BE PROVIDED FOR REMOTE INDICATION OF THE ABOVE CONDITIONS.
8. MANUAL "PUSH TO MIX" SWITCH IS PROVIDED FOR AGITATION OF THE CONTENTS OF THE GLA UNIT. THE SWITCH STARTS THE PUMP AND OPENS THE RETURN LINE SOLENOID VALVE CIRCULATING THE FLUID.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK
JOHN DANIEL FELLENZER
049373
LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER NO. 049373-1 ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

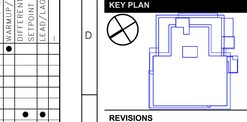
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



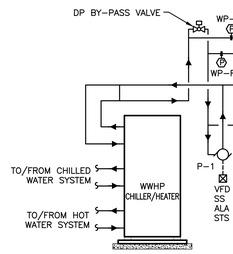
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS
SHEET NUMBER: H-503

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 GEOTHERMAL SYSTEM CONTROL SCHEMATIC
N.T.S.

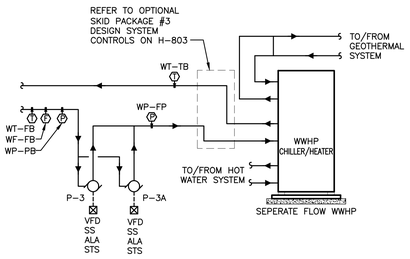
CONTROL POINTS SCHEDULE

GEOTHERMAL PUMPS POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
GEOTHERMAL LOOP BYPASS VALVE	GLBV	●											●																								
GEOTHERMAL PUMPS	P-1/P-1A																												●	●	●				●		●
GEOTHERMAL PUMP VFD'S	VFD								●				●																		●						
GEOTHERMAL PUMPS START/STOP	SS																	●													●						
GEOTHERMAL PUMPS ALARM	ALA											●															●				●						
GEOTHERMAL PUMPS STATUS	STS																										●				●						
GEOTHERMAL WATER TEMPERATURE – TO BORES	WT-TB	●																					●	●							●						
GEOTHERMAL WATER PRESSURE – TO BORES	WP-TB		●																				●	●			●				●						
GEOTHERMAL WATER TEMPERATURE – FROM BORES	WT-FB	●																					●	●							●			●			
GEOTHERMAL WATER PRESSURE – FROM BORES	WP-FB		●																				●	●			●				●			●			
GEOTHERMAL WATER FLOW – FROM BORES	WF-FB			●																			●														
GLYCOL PUMP MOTOR	MOT										●							●													●						
GLYCOL CONTROL PANEL	CP											●														●	●				●						
GLYCOL PRESSURE	PRES		●																				●				●				●						
GLYCOL WATER LEVEL	ALA																						●				●				●						

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. THE GEOTHERMAL PUMP SHALL ENERGIZE AND RUN TO MAINTAIN THE SET WATER TEMPERATURE FROM THE BORE FIELD (ADJ.).
3. ONCE THE WATER TEMPERATURE IN THE RETURN LINE FROM BORE FIELD HAS BEEN SATISFIED, THE GEOTHERMAL PUMP SHALL MAINTAIN FLOW RATES REQUIRED FOR THE HEAT PUMP PER THE MANUFACTURERS REQUIREMENTS & MODULATE THE BY-PASS VALUE AS NECESSARY.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD-LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).
5. WHEN THE SYSTEM PRESSURE DROPS BELOW THE SET POINT ON THE PRESSURE SWITCH, THE GLA PUMP IS STARTED ADDING FLUID FROM THE GLA TANK INTO THE HVAC SYSTEM. WHEN THE SYSTEM PRESSURE RETURNS TO NORMAL OPERATING CONDITIONS, THE PUMP STOPS.
6. AS THE TANK EMPTIES A LEVEL SWITCH IS ACTUATED LIGHTING THE LOW LEVEL PILOT LIGHT. IF THE SYSTEM IS NOT FILLED, A SECOND LEVEL SWITCH STOPS THE PUMP(S) PREVENTING THE PUMP(S) FROM RUNNING DRY.
7. DRY CONTACTS CAN BE PROVIDED FOR REMOTE INDICATION OF THE ABOVE CONDITIONS.
8. MANUAL "PUSH TO MIX" SWITCH IS PROVIDED FOR AGITATION OF THE CONTENTS OF THE GLA UNIT. THE SWITCH STARTS THE PUMP AND OPENS THE RETURN LINE SOLENOID VALVE CIRCULATING THE FLUID.



NOTE:

1. SYSTEM SHALL INCLUDE THE DIFFERENTIAL BYPASS CONTROLS. REFER TO 7/H-504

2 CHILLED WATER SYSTEM CONTROL SCHEMATIC
N.T.S.

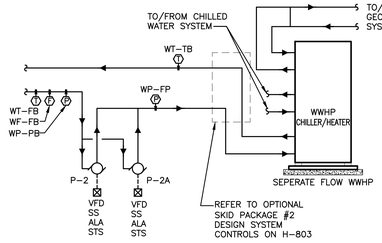
CONTROL POINTS SCHEDULE

CHILLED WATER PUMPS POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
CHILLED WATER PUMPS	P-3/P-3A																												●	●	●				●		●
CHILLED PUMP VFD'S	VFD								●				●																		●						
CHILLED PUMPS START/STOP	SS																	●													●						
CHILLED PUMPS ALARM	ALA											●															●				●						
CHILLED PUMPS STATUS	STS																										●				●						
CHILLED WATER TEMPERATURE – FROM BUILDING	WT-FB	●																					●								●						
CHILLED WATER PRESSURE – FROM BUILDING	WP-FB		●																				●				●				●						
CHILLED WATER TEMPERATURE – TO BUILDING	WT-TB	●																						●							●			●			
CHILLED WATER PRESSURE – FROM PUMPS	WP-FP		●																					●			●				●			●			
CHILLED WATER FLOW – FROM BUILDING	WF-FB			●																				●													

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. ON CALL FOR COOLING IN THE CHILLING WATER COOLING SYSTEM, BASED ON OUTSIDE AIR TEMPERATURE AND AHU=1&2 LOADS, THE CHILLED WATER PUMP SHALL ENERGIZE. THE PUMP SHALL RUN TO MAINTAIN THE SET FLOW AND PRESSURE POINT (ADJ.).
3. ONCE THE CALL FOR COOLING HAS BEEN SATISFIED, THE CHILLED WATER PUMP SHALL DE-ENERGIZE.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD-LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).



NOTE:

1. SYSTEM SHALL INCLUDE THE DIFFERENTIAL BYPASS CONTROLS. REFER TO 7/H-504

3 HOT WATER SYSTEM CONTROL SCHEMATIC
N.T.S.

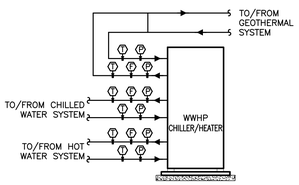
CONTROL POINTS SCHEDULE

HOT WATER PUMPS POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
HOT WATER PUMPS	P-2/P-2A																												●	●	●				●		●
HOT PUMP VFD'S	VFD								●				●																		●						
HOT PUMPS START/STOP	SS																	●													●						
HOT PUMPS ALARM	ALA											●															●				●						
HOT PUMPS STATUS	STS																										●				●						
HOT WATER TEMPERATURE – FROM BUILDING	WT-FB	●																					●								●						
HOT WATER PRESSURE – FROM BUILDING	WP-FB		●																				●				●				●						
HOT WATER TEMPERATURE – TO BUILDING	WT-TB	●																						●							●			●			
HOT WATER PRESSURE – FROM PUMPS	WP-FP		●																					●			●				●			●			
HOT WATER FLOW – FROM BUILDING	WF-FB			●																				●													

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. ON CALL FOR HEAT IN THE HEATING SYSTEM, BASED ON OUTSIDE AIR TEMPERATURE AND AHU-1&2 LOADS, THE HOT WATER PUMP SHALL ENERGIZE. THE PUMP SHALL RUN TO MAINTAIN THE SET FLOW AND PRESSURE POINT (ADJ.).
3. ONCE THE CALL FOR HEATING HAS BEEN SATISFIED, THE HOT WATER PUMP SHALL DE-ENERGIZE.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD-LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).



4 WATER-WATER HEAT PUMP SYSTEM CONTROL SCHEMATIC
N.T.S.

CONTROL POINTS SCHEDULE

WATER-WATER HEAT PUMP POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
WATER-WATER HEAT PUMP	WWHP										●	●																	●	●	●	●	●	●			
GEOTHERMAL WATER TEMPERATURE – TO SYSTEM	GST	●																					●	●							●						
GEOTHERMAL WATER PRESSURE – TO SYSTEM	GSP		●																				●	●							●						
GEOTHERMAL WATER FLOW – TO SYSTEM	GSF			●																			●	●							●						
GEOTHERMAL WATER TEMPERATURE – FROM SYSTEM	GRT	●																					●	●							●						
GEOTHERMAL WATER PRESSURE – FROM SYSTEM	GRP		●																				●	●							●						
CHILLED WATER TEMPERATURE – TO SYSTEM	CHST	●																					●	●							●						
CHILLED WATER PRESSURE – TO SYSTEM	CHSP		●																				●	●							●						
CHILLED WATER FLOW – TO SYSTEM	CHSF			●																			●	●							●						
CHILLED WATER TEMPERATURE – FROM SYSTEM	CHRT	●																					●	●							●						
CHILLED WATER PRESSURE – FROM SYSTEM	CHRP		●																				●	●							●						
HOT WATER TEMPERATURE – TO SYSTEM	HST	●																					●	●							●						
HOT WATER PRESSURE – TO SYSTEM	HSP		●																				●	●							●						
HOT WATER FLOW – TO SYSTEM	HSF			●																			●	●							●						
HOT WATER TEMPERATURE – FROM SYSTEM	HRT	●																					●	●							●						
HOT WATER PRESSURE – FROM SYSTEM	HRP		●																				●	●							●						

SEQUENCE OF OPERATION:

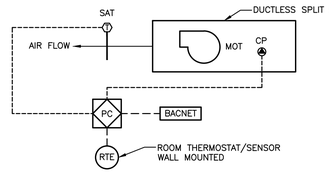
PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC. HEAT PUMP COMES SHALL HAVE FACTORY CONTROLS WITH BMS INTEGRATION. BMS SHALL ENABLE/DISABLE AND PROVIDE SETPOINT OVERRIDES.
2. ON CALL FOR BUILDING HEATING OR COOLING, THE WATER-WATER HEAT PUMP SHALL ENERGIZE. THE UNIT SHALL RUN TO MAINTAIN THE SET WATER TEMPERATURE IN THE GEOTHERMAL, CHILLED WATER, AND HOT WATER (ADJ.).

A. LOAD SIDE:
   i. HEATING – 3 MODULES SHALL RUN AT 300 GPM (ADJ.).
   ii. COOLING – 2 MODULES SHALL RUN AT 220 GPM (ADJ.).

B. SOURCE SIDE:
   i. HEATING – 3 MODULES SHALL RUN AT 367 GPM (ADJ.).
   ii. COOLING – 3 MODULES SHALL RUN AT 217 GPM (ADJ.).

3. ONCE THE WATER TEMPERATURE IN THE RETURN LINES FROM THE LOOPS HAVE BEEN SATISFIED, THE UNIT SHALL DE-ENERGIZE.



5 SPLIT SYSTEM SCHEMATIC
N.T.S.

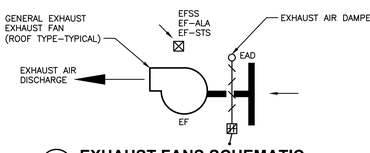
CONTROL POINTS SCHEDULE

SPLIT SYSTEMS POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
SPACE TEMPERATURE	RTE		●																												●	●	●				
DISCHARGE AIR TEMPERATURE	SAT		●																												●	●	●				
FAN MOTOR	MOT																				●	●	●								●			●			
CONDENSATE PUMP	CP																				●	●	●								●						

SEQUENCE OF OPERATION:

1. HEATING: THE FAN SHALL RUN AT THE LOWEST SPEED ON CALL FOR HEATING AND THE OUTDOOR UNIT SHALL ENERGIZE TO PROVIDE HEATING TO THE INDOOR UNIT. THE FAN SPEED SHALL MODULATE TO MAINTAIN THE SET POINT.

2. COOLING: THE FAN SHALL RUN AT THE LOWEST SPEED ON CALL FOR COOLING AND THE OUTDOOR UNIT SHALL ENERGIZE TO PROVIDE COOLING TO THE INDOOR UNIT. THE FAN SPEED SHALL MODULATE TO MAINTAIN THE SET POINT.



6 EXHAUST FANS SCHEMATIC
N.T.S.

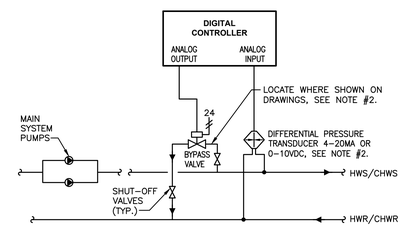
CONTROL POINTS SCHEDULE

EXHAUST FANS POINTS LIST		INPUTS: ANALOG							INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL			SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING					SYSTEM SOFTWARE/CONTROL: APPLICATION									
		POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	TOTAL FLOW	LEAD/LAG OPERATION	–
SYSTEM COMPONENT:	ABBREVIATION:																																				
EXHAUST FAN	EF								●				●																●								
EXHAUST FAN START/STOP	EFSS										●							●																				
EXHAUST FAN ALARM	EF-ALA											●															●										
EXHAUST FAN STATUS	EF-STS									●																					●						
EXHAUST AIR DAMPER	EAD	●													●																●	●					

SEQUENCE OF OPERATION:

1. EXHAUST FANS SERVING TOILET AREAS SHALL BE ON DURING OCCUPIED TIMES AND OFF DURING UNOCCUPIED TIMES (TIME SCHEDULING SHALL BE PROGRAMMED BY OPERATOR). PROVIDE FAN STATUS TO THE DDC SYSTEM VIA CURRENT SENSING RELAY.

2. DURING OCCUPIED MODE: THE RESPECTIVE EXHAUST FAN SHALL START AND RUN AT THE SPEED REQUIRED TO MEET THE EXHAUST RATE OF THE ROOM INDICATED ON THE VENTILATION TABLE.
   ALSO:
   - THE OA DAMPER SHALL BE OPEN TO THE MIN. POSITION
   - THE UNIT SUPPLY FAN AND EXHAUST FAN SHALL RUN CONTINUOUSLY.



NOTES:

1. TO BE PROVIDED TO BOTH HOT WATER HEATING TWO (2) PIPE SYSTEM.

2. SEVERAL DIFFERENTIAL PRESSURE SENSORS TO BE PROVIDED IN VARIOUS LOCATIONS AS SHOWN. SEE PIPING FLOOR PLANS.

3. SEQUENCE OF OPERATION:

   A. THE DIFFERENTIAL PRESSURE TRANSDUCER (DPT) SHALL MEASURE THE PRESSURE DIFFERENCE BETWEEN THE HYDRONIC WATER SUPPLY AND RETURN LINES AND REPORT THIS SIGNAL TO THE DIGITAL CONTROLLER (DC).
   B. THE DC SHALL BE PROGRAMMED WITH THE MINIMUM PRESSURE DIFFERENTIAL VALUE (MDPV) BASED ON THE SYSTEM OPERATING WITH ALL TERMINAL UNIT VALVES OPEN.
   C. AS THE PRESSURE DIFFERENTIAL DETECTED BY THE DPT INCREASES, THE DC SHALL MODULATE THE BYPASS VALVE (BV) OPEN TO LOWER THE PRESSURE DIFFERENTIAL TO THE MDPV.
   D. AS THE PRESSURE DIFFERENTIAL DETECTED BY THE DPT DECREASES, THE DC SHALL MODULATE THE BV CLOSED TO INCREASE THE PRESSURE DIFFERENTIAL TO THE MDPV.

TYPICAL DIFFERENTIAL PRESSURE BY-PASS VALVE ARRANGEMENT
7 N.T.S.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DANIEL FELLENZER · 089372 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 089372-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

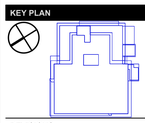
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

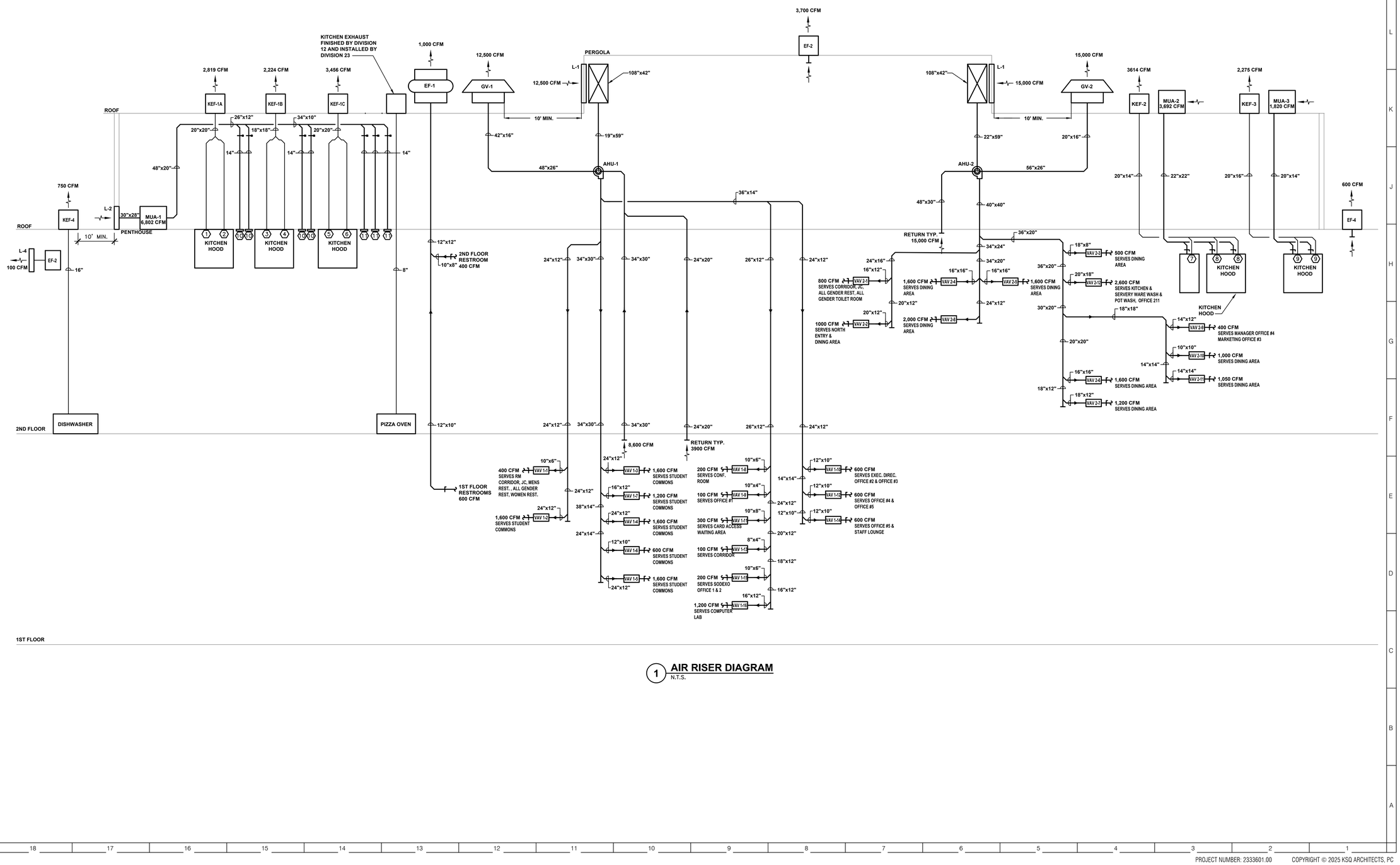
ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS
SHEET NUMBER: H-504

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

KEYED NOTES

1. 14"X14" EXHAUST DUCT AT 1,206 CFM.
2. 16"X16" EXHAUST DUCT AT 1,613 CFM.
3. 14"X14" EXHAUST DUCT AT 1,142 CFM.
4. 14"X12" EXHAUST DUCT AT 1,082 CFM.
5. 18"X16" EXHAUST DUCT AT 1,941 CFM.
6. 16"X14" EXHAUST DUCT AT 1,515 CFM.
7. 24"X12" SUPPLY DUCT AT 2,147 CFM 18" X 14" EXHAUST DUCT AT 1,683 CFM.
8. 12"X12" SUPPLY DUCT AT 772 CFM 14" X 12" EXHAUST DUCT AT 965 CFM.
9. 14"X12" SUPPLY DUCT AT 910 CFM 14" X 14" EXHAUST DUCT AT 1,137 CFM.
10. 14" ROUND DUCT DUCT AT 1,009 CFM.
11. 14" ROUND DUCT DUCT AT 922 CFM.



1 AIR RISER DIAGRAM
N.T.S.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK * JOHN DANIEL FELLENZER * 069373 * LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER NO. 069373-1 ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

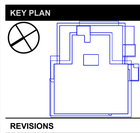
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC RISER DIAGRAMS
SHEET NUMBER: H-601

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TERMINAL UNIT HOT WATER CONNECTION SIZES	
FLOW RATE (GPM)	MINIMUM COPPER PIPE SIZE CONNECTION (IN.)
.5 - 3.5	3/4"
3.6 - 7	1"
7.1 - 11	1-1/4"
11.1 -17	1-1/2"

MECHANICAL GENERAL NOTES:

1. PIPING RISER DIAGRAM IS A PIPING SCHEMATIC FOR PIPE ROUTING, SIZING AND GENERAL SHUTOFF VALVES.
2. REFER TO DETAIL 6/H-702 FOR WATER COIL PIPING SCHEMATIC FOR AHU COIL CONNECTIONS.
3. REFER TO DETAIL 9/H-702 FOR VAV REHEAT COIL PIPING SCHEMATIC TO VAV COIL CONNECTIONS.
4. REFER TO DETAIL 11/H-702 FOR WATER COIL PIPING SCHEMATIC TO MAKE-UP AIR COIL CONNECTIONS.
5. REFER TO DETAIL 1/H-703 FOR PIPING CONNECTIONS TO AIR SEPERATORS AND EXPANSION TANKS.
6. REFER TO DETAIL 4/H-703 FOR PIPING CONNECTIONS TO PLATE & FRAME HEAT EXCHANGERS.
7. REFER TO DETAIL 3/H-704 FOR PIPING CONNECTIONS TO BASEBOARD HEATING ELEMENTS.
8. REFER TO DETAIL 8/H-704 FOR PIPING CONNECTIONS TO UNIT HEATERS.
9. REFER TO DETAIL 10/H-704 FOR PIPING CONNECTIONS TO CABINET UNIT HEATERS.

NOTE:
BASIS OF DESIGN HEAT PUMP (TRANE) HAS A BUILT IN SOURCE LOOP HEAT EXCHANGER. IN THE EVENT AN EQUIVALENT HEAT PUMP MANUFACTURER IS SELECTED; EQUIPMENT AND PIPING PER DETAIL 5/H-703 REPLACES WHAT IS SHOWN IN THE BOXED AREA.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK — JOHN DANIEL FELLENZER — 049373 — LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 049373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

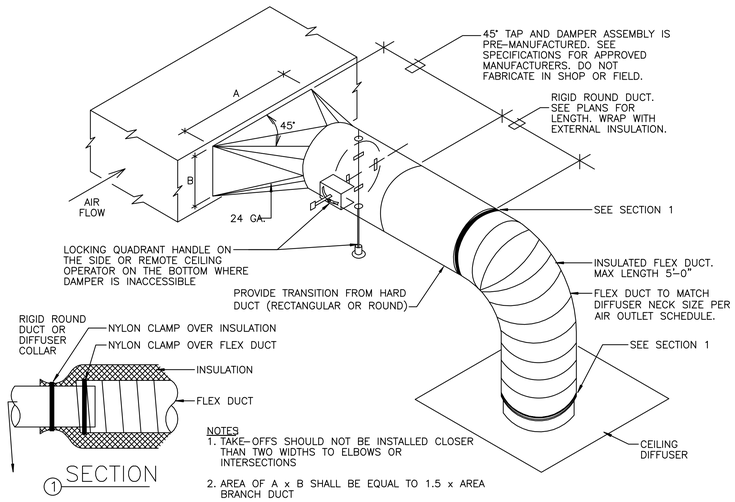
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME:
HVAC HYDRONIC PIPING RISER DIAGRAM
SHEET NUMBER:
H-602

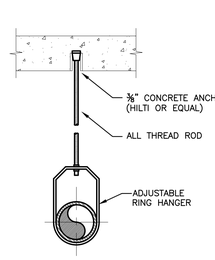
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

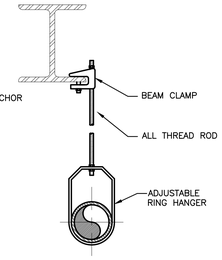


NOTES
1. TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO WIDTHS TO ELBOWS OR INTERSECTIONS
2. AREA OF A x B SHALL BE EQUAL TO 1.5 x AREA BRANCH DUCT

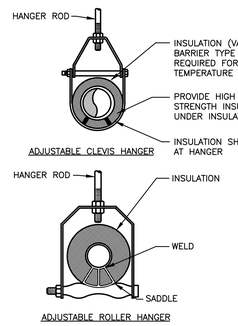
1 SQUARE TO ROUND TAKE-OFF DETAIL
N.T.S.



HANGER DETAIL - CONCRETE DECK
N.T.S.



BEAM CLAMP HANGER DETAIL
N.T.S.

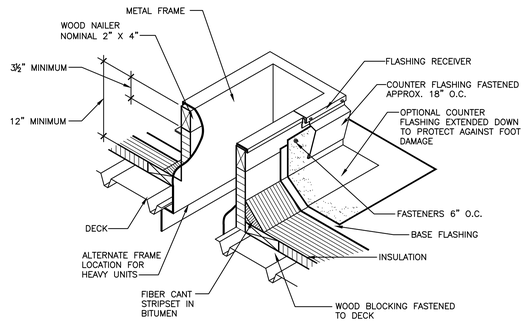


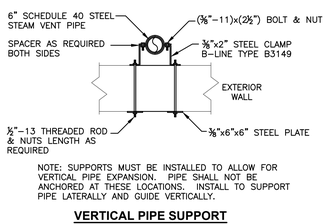
INDIVIDUAL PIPE HANGER ROD & SPACING SCHEDULE

NOMINAL PIPE DIAMETER (IN.)	3/4	1	1 1/2	2	2 1/2	3	4	5	6	–
HANGER ROD SIZE (IN.)	3/8	3/8	3/8	3/8	1/2	1/2	5/8	5/8	7/8	–
MAXIMUM SUPPORT SPACING (FT.)										
STEEL PIPE	6	7	9	10	11	12	14	16	17	–
COPPER TUBE	6	6	8	9	10	10	12	14	14	–

NOTE: TRAPEZE HANGER SPACING SHALL BE BASED ON SPACING OF SMALLEST PIPE ON TRAPEZE. TRAPEZE SHALL BE DESIGNED WITH A FACTOR OF SAFETY OF 5 FOR CENTER OF SPAN CONCENTRATED LOAD

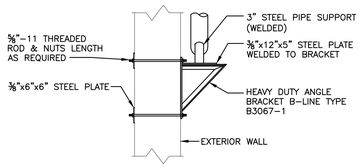
2 PIPE HANGER DETAIL
N.T.S.



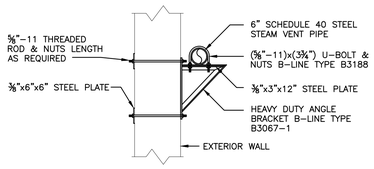


NOTE: SUPPORTS MUST BE INSTALLED TO ALLOW FOR VERTICAL PIPE EXPANSION. PIPE SHALL NOT BE ANCHORED AT THESE LOCATIONS. INSTALL TO SUPPORT PIPE LATERALLY AND GUIDE VERTICALLY.

VERTICAL PIPE SUPPORT

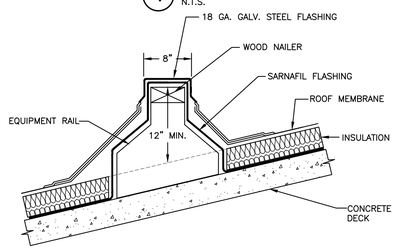


HORIZONTAL PIPE SUPPORT



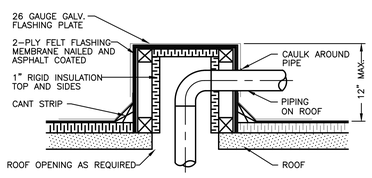
HORIZONTAL PIPE SUPPORT

4 PIPE SUPPORT DETAILS
N.T.S.

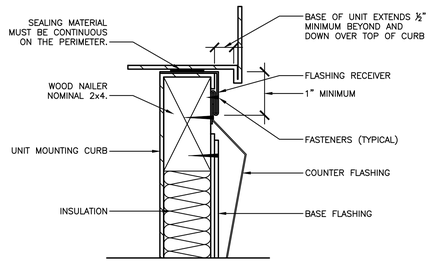


NOTES:
1. WEIGHT OF UNIT TO BE EVENLY DISTRIBUTED OVER CROSS-SECTIONAL AREA OF WOOD NAILER.
2. RAIL SHALL BE FASTENED TO STRUCTURE PER MANUFACTURER RECOMMENDATIONS.
3. VIBRATION ISOLATORS SHALL BE FASTENED TO EQUIPMENT RAIL AND MECHANICAL EQUIPMENT.
4. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ROOFING WORK.
5. EQUIPMENT RAIL SHALL BE "ROOF PRODUCTS & SYSTEMS" MODEL ER-4A, OR EQUIVALENT.

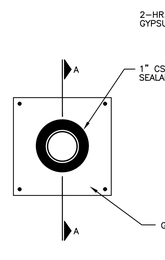
8 ROOF EQUIPMENT RAIL DETAIL
N.T.S.

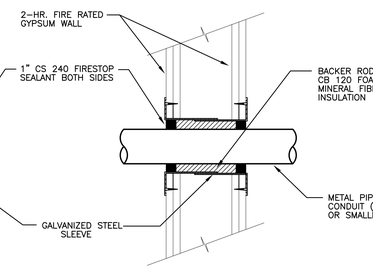


7 PIPING THROUGH ROOF
N.T.S.



3 ROOFTOP CURB DETAIL
N.T.S.





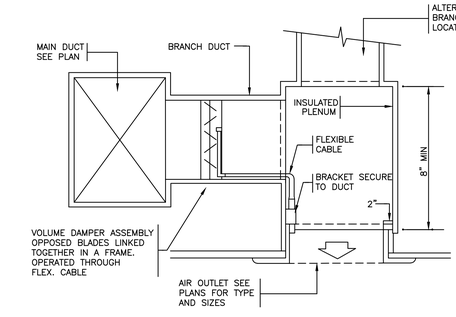
NOTE: IF MINERAL FIBER INSULATION IS USED AS THE BACKING MATERIAL, SEALANT DEPTH MAY BE REDUCED TO 1/2".

ALL SURFACES SHOULD BE CLEANED, SOUND AND DRY PRIOR TO APPLICATION OF FIRESTOPPING MATERIALS. IF THE OPENING IS NOT SLEEVED, INSTALL A GALVANIZED STEEL SLEEVE AROUND THE PIPE AND ANCHOR IT IN PLACE.

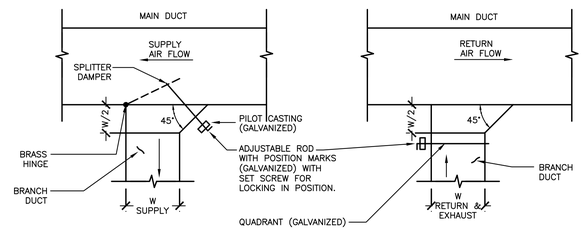
INSTALL BACKER ROD, CB 120 FOAM, OR PACK MINERAL WOOL BETWEEN THE PIPE SLEEVE, LEAVING APPROPRIATE SPACE ON EACH SIDE OF THE WALL FOR THE FIRESTOP SEALANT.

APPLY THE REQUIRED DEPTH OF CS 240 FIRESTOP SEALANT TO BOTH SIDES OF THE WALL AND TOOL IT WITH A PUTTY KNIFE UNTIL FLUSH WITH THE SURFACE. LEAVE COMPLETE SEAL UNDISTURBED FOR 48 HOURS.

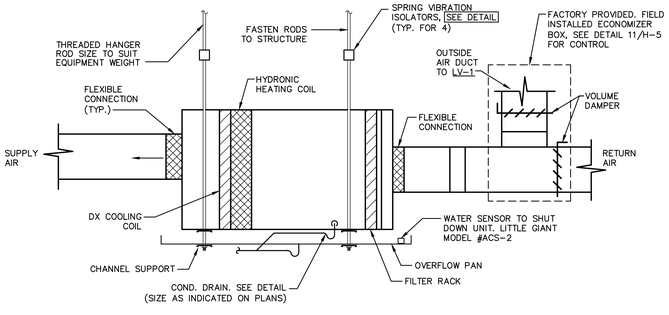
5 FIREWALL PENETRATION DETAIL
N.T.S.



6 LINEAR DIFFUSER DETAIL
N.T.S.



9 TYPICAL LOW PRESSURE BRANCH TAKE-OFF DETAIL
N.T.S.



NOTES:
1. ALL ANCHORS, CLAMPS, BOLTS, CHANNELS, ETC., SHALL BE RATED TO SUPPORT THE OPERATING WEIGHT OF THE SUSPENDED EQUIPMENT.
2. ECONOMIZER CONTROLLED BY DUAL ENTHALPY.

10 TYPICAL FAN COIL UNIT HANGING DETAIL
N.T.S.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
NY PROFESSIONAL ENGINEER
NO. 085375
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

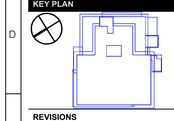
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



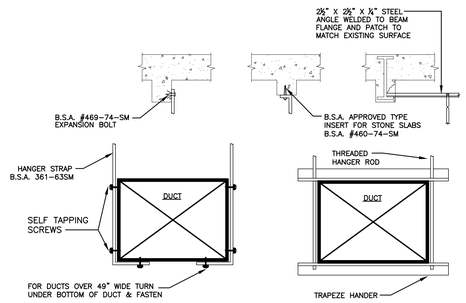
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC DETAILS
SHEET NUMBER: H-701

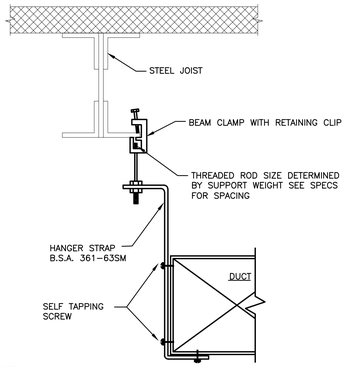
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



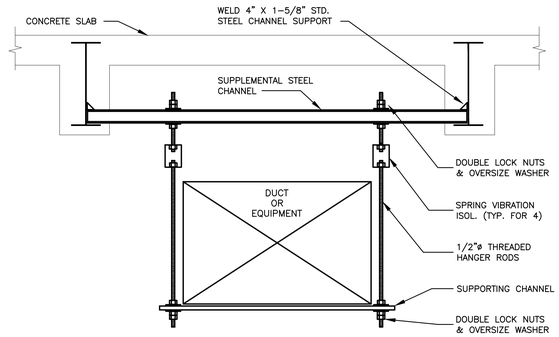
NOTE:
DISTANCE BETWEEN DUCTS HANGERS SHALL BE IN ACCORDANCE WITH M-307.4 BOCA CODE.

METHOD OF HANGING DUCTWORK CONCRETE/WOOD DETAIL
1 N.T.S.

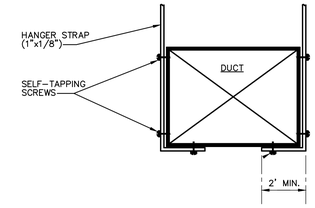


NOTES:
1. DUCTS SHALL NOT BE HUNG FROM OR SUPPORTED BY HUNG CEILING.
2. FOR DUCTS NOT EXCEEDING 2 SQ. FT. IN CROSS-SECTIONAL AREA, HANGERS SHALL BE OF METAL NOT LESS THAN 1/16".
3. FOR DUCTS LARGER THAN 2 SQ. FT. IN CROSS-SECTIONAL AREA, HANGERS SHALL BE OF METAL NOT LESS THAN 1" BY 1/8".
4. FOR ALL DUCTS. HANGERS SHALL BE TURNED UNDER AND FASTENED TO THE BOTTOM OF DUCT AS SHOWN ABOVE.
5. WHERE CROSS-SECTIONAL AREA OF DUCT EXCEEDS 8 SQ. FT., HANGERS SHALL BE NOT MORE THAN 4 FT. ON CENTER.

METHOD OF HANGING DUCTWORK
2 N.T.S.



EQUIPMENT HANGING DETAIL
3 N.T.S.

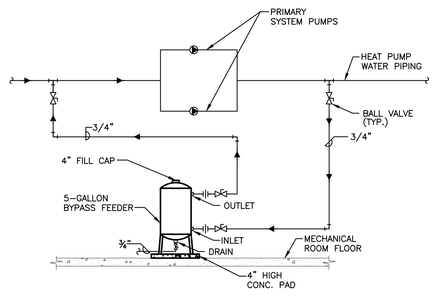


NOTES:
1. PROVIDE BRACING TO LIMIT THE AMPLITUDE OF WALL VIBRATION AND WALL DEFLECTION TO SPECIFIED MAXIMUMS.
2. MINIMUM DUCT SUPPORT REQUIREMENTS:

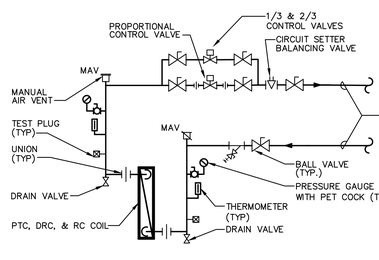
DUCT SIZE (SQ. FT.)	HANGER SIZE (IN.xGA.)	MAX. SPACING (FT.)
<2	1"x20 GA.	8
2<x≤4	1"x20 GA.	8
4<x≤10	1"x20 GA.	6
10<x	1"x18 GA.	4

3. INSULATION: ALL SUPPLY AIR DUCTWORK SHALL BE INSULATED WITH 1½" FIBERGLASS INSULATION OF 1 LB./C.F. DENSITY AND INTEGRAL VAPOR BARRIER JACKET. ALL EDGES, SEAMS, ETC. SHALL BE TAPED TO MAINTAIN VAPOR BARRIER.
4. ALL EXTERIOR STAINLESS STEEL DUCT SHALL BE SUPPORTED FROM THE BLDG. WALL PER SMACNA STANDARDS.

DUCT HANGERS/REINFORCEMENT
4 N.T.S.

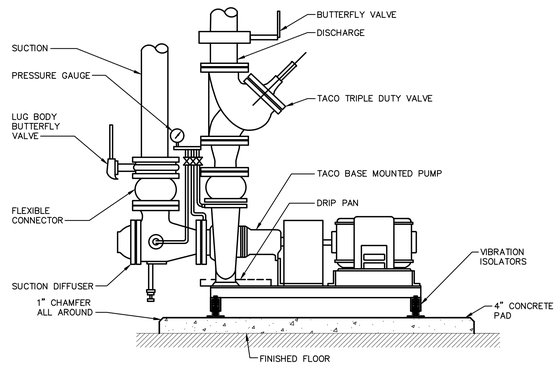


CHEMICAL POT FEEDER DETAIL
5 N.T.S.

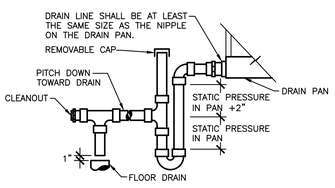


NOTES:
1. CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT OR DISCHARGE AIR SETPOINT.
2. CONTROL VALVES SHALL BE NORMALLY OPEN.
3. CIRCUIT SETER BALANCE VALVE ON BYPASS PIPE TO BE ADJUSTED TO MATCH COIL PRESSURE DROP, VALVE SHALL BE HALF SIZE TO BE VERIFIED BY MFTR. FOR PRESSURE DROP.

WATER COIL PIPING SCHEMATIC FOR AHU COILS
6 N.T.S.

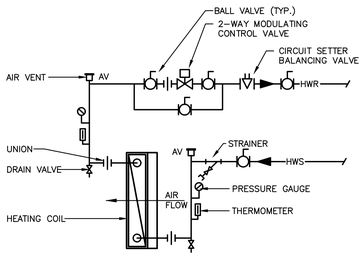


TYPICAL END SUCTION PUMP DETAIL
7 N.T.S.

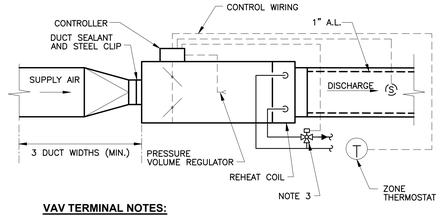


TYPICAL AIR HANDLING UNIT DRAIN TRAP
8 N.T.S.

UNIT	STATIC PRESSURE IN PAN	MIN. TRAP DIMENSION
AHU-1	1.82" W.C.	5.64"
AHU-2	4.14" W.C.	10.25"

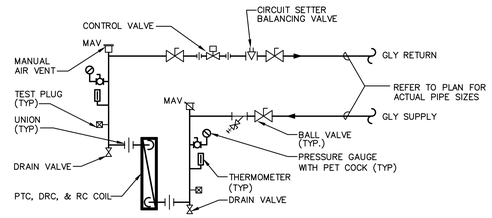


VAV REHEAT COIL PIPING SCHEMATIC
9 N.T.S.



VAV TERMINAL NOTES:
1. FURNISH AND INSTALL 1" ACOUSTICAL LINING IN DISCHARGE DUCTWORK TO 5 FT. DOWNSTREAM OF VAV TERMINAL.
2. CONTRACTOR SHALL SUBMIT A SEQUENCE OF OPERATION AS PART OF THE CONTROL PACKAGE SUBMITTAL.
3. CONTROL VALVE TO BE 2-WAY MODULATION. SEE REHEAT COIL PIPING SCHEMATIC FOR CONTROL VALVE AND OTHER FITTINGS TO BE USED AND REQUIRED.

SINGLE DUCT VAV TERMINAL WITH HEATING COIL
10 N.T.S.



WATER COIL PIPING SCHEMATIC FOR MAKEUP AIR UNIT COILS
11 N.T.S.

NOTES:
1. CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT OR DISCHARGE AIR SETPOINT.
2. HYDRONIC WATER SYSTEM IS CONSTANT VOLUME.
3. CONTROL VALVES SHALL BE NORMALLY OPEN.
4. CIRCUIT SETER BALANCE VALVE ON BYPASS PIPE TO BE ADJUSTED TO MATCH COIL PRESSURE DROP, VALVE SHALL BE HALF SIZE TO BE VERIFIED BY MFTR. FOR PRESSURE DROP.

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
NY PROFESSIONAL ENGINEER NO. 086373-1 ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

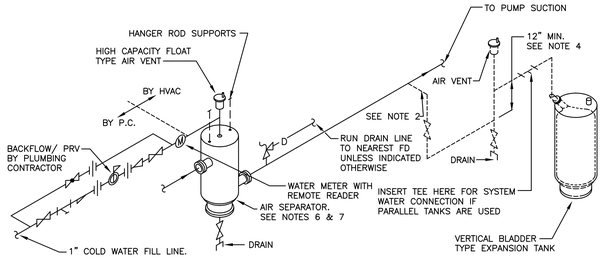
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC DETAILS
SHEET NUMBER: H-702

BID SET

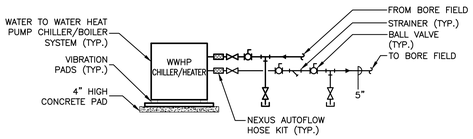
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



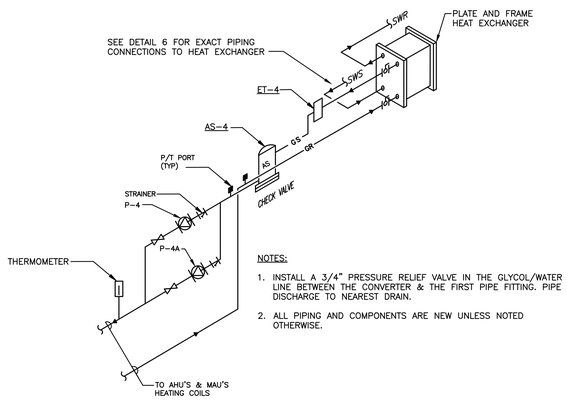
NOTES:

1. DASHED PIPING SHOWS BOTH HORIZONTAL AND VERTICAL BLADDER TYPE EXPANSION TANKS. PROVIDE ONLY THE DASHED PIPING FOR TYPE OF TANK FURNISHED.
2. CONNECT TO SIDE OF MAIN TO PREVENT AIR OR DEBRIS FROM ENTERING PIPE TO TANK. TOP OR BOTTOM CONNECTION NOT PERMITTED.
3. PROVIDE 12" MINIMUM DROP ANTI-THERMOSYPHON LOOP TO PREVENT GRAVITY HEATING OF TANK.
4. SEE EXPANSION TANK SYSTEM SCHEDULE FOR COMPONENT SIZES.
5. RELIEF VALVE FOR CHILLED WATER IS SHOWN. COMBINATION HEATING & COOLING SYSTEMS WILL REQUIRE THE RELIEF VALVE SET 10% ABOVE SYSTEM PRESSURE.
6. PROVIDE STRAINER IN AIR SEPARATOR WHEN INDICATED IN EXPANSION TANK SCHEDULE.
7. FOR HOT WATER SYSTEMS 2" AND SMALLER AND ALL CHILLED WATER SYSTEMS USE IN-LINE AIR PURGER IN LIEU OF AIR SEPARATOR.
8. SET PRESSURE REDUCING VALVE SO PRESSURE AT HIGH POINT IN SYSTEM HAS A MINIMUM OF 4 PSIG.

1 AIR CONTROL & PIPING CONNECTIONS FOR WATER SYSTEMS BLADDER TYPE EXPANSION TANK
N.T.S.



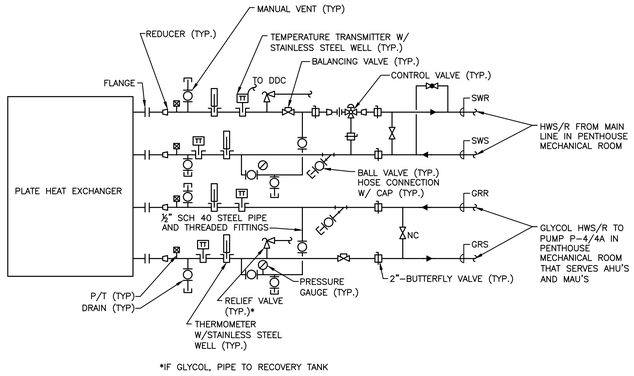
2 SOURCE SIDE PIPING ARRANGEMENT
N.T.S.



NOTES:

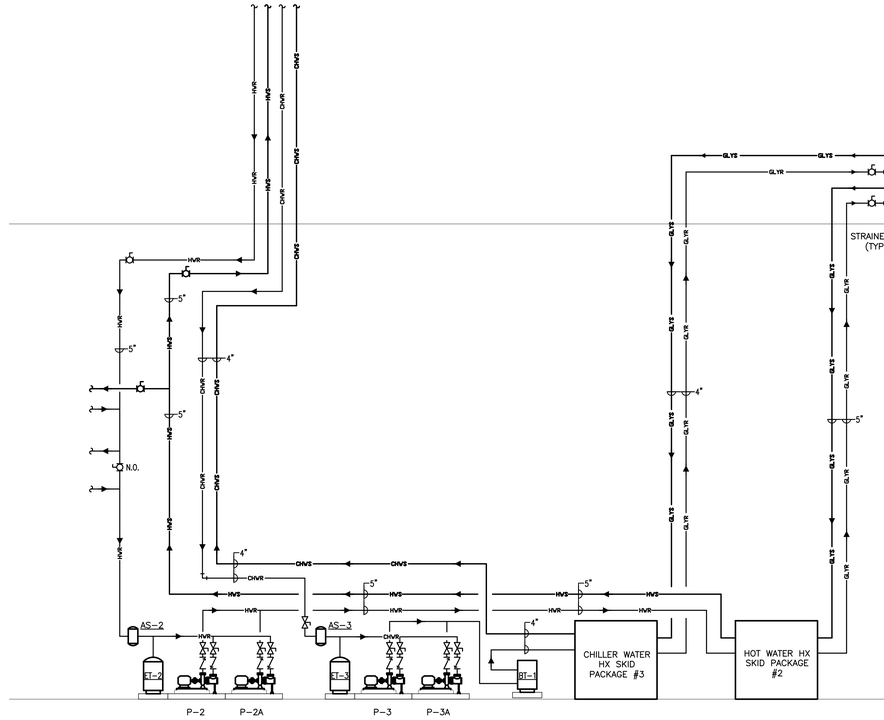
1. INSTALL A 3/4" PRESSURE RELIEF VALVE IN THE GLYCOL/WATER LINE BETWEEN THE CONVERTER & THE FIRST PIPE FITTING. PIPE DISCHARGE TO NEAREST DRAIN.
2. ALL PIPING AND COMPONENTS ARE NEW UNLESS NOTED OTHERWISE.

3 HEAT EXCHANGER SKID PACKAGE #1 PIPING SHEMATIC
N.T.S.



*IF GLYCOL, PIPE TO RECOVERY TANK

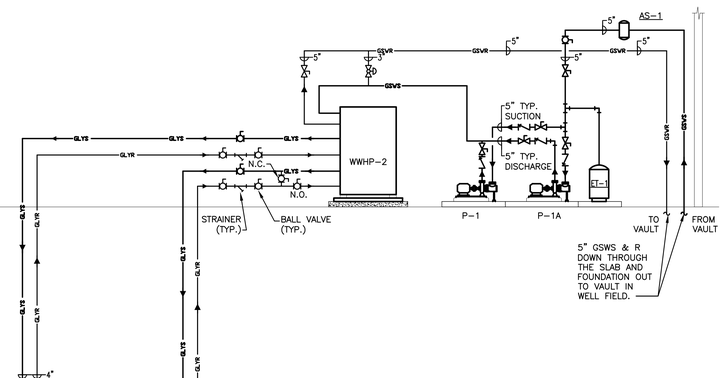
4 PLATE AND FRAME HEAT EXCHANGER PIPING DIAGRAM
N.T.S.



NOTE:

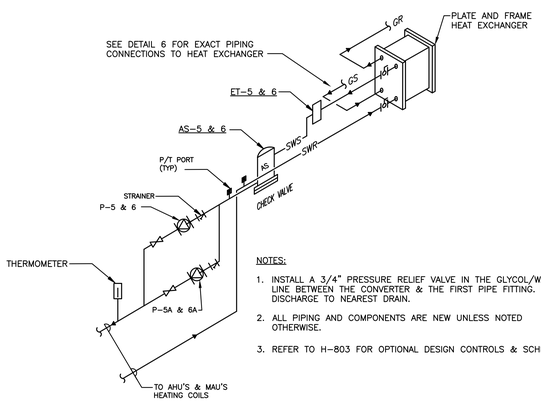
1. REFER TO H-803 FOR OPTIONAL DESIGN CONTROLS & SCHEDULES.

5 OPTIONAL WWHP-2 CHILLER/HEATER WITH LOAD SIDE HEAT EXCHANGERS
N.T.S.



NOTE:

BASIS OF DESIGN HEAT PUMP (TRANE) HAS A BUILT IN SOURCE LOOP HEAT EXCHANGER. IN THE EVENT AN EQUIVALENT HEAT PUMP MANUFACTURER IS SELECTED; SKID PACKAGES #2 & 3, ALONG WITH THE PIPING SHOWN IS TO BE PROVIDED TO ISOLATE THE SOURCE AND BUILDING LOOPS.



NOTES:

1. INSTALL A 3/4" PRESSURE RELIEF VALVE IN THE GLYCOL/WATER LINE BETWEEN THE CONVERTER & THE FIRST PIPE FITTING. PIPE DISCHARGE TO NEAREST DRAIN.
2. ALL PIPING AND COMPONENTS ARE NEW UNLESS NOTED OTHERWISE.
3. REFER TO H-803 FOR OPTIONAL DESIGN CONTROLS & SCHEDULES.

6 OPTIONAL HEAT EXCHANGER SKID PACKAGE #2 & 3 PIPING SHEMATIC
N.T.S.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 069373-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

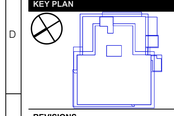
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

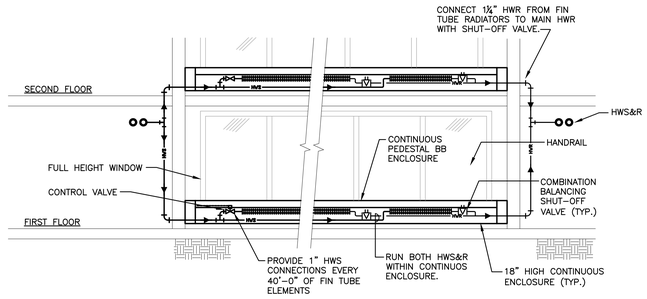
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC DETAILS

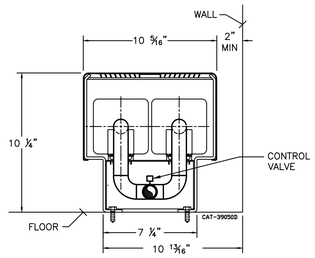
SHEET NUMBER: H-703

BID SET

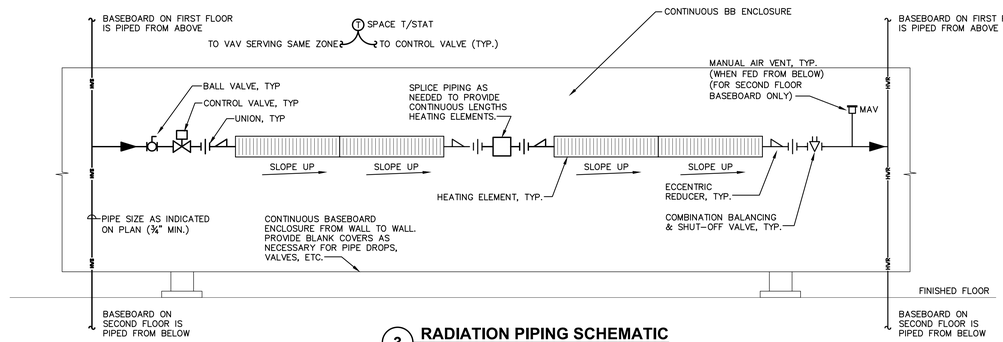
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 TYPICAL LINK CORRIDOR ELEVATION VIEW FOR FIN TUBE RADIATORS
N.T.S.

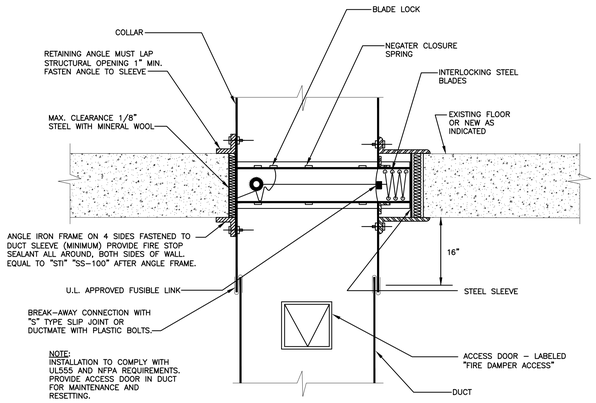


2 RADIATION PIPING DETAIL
N.T.S.

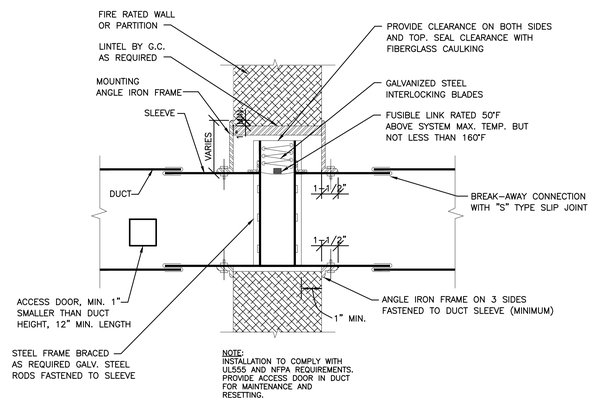


3 RADIATION PIPING SCHEMATIC
N.T.S.

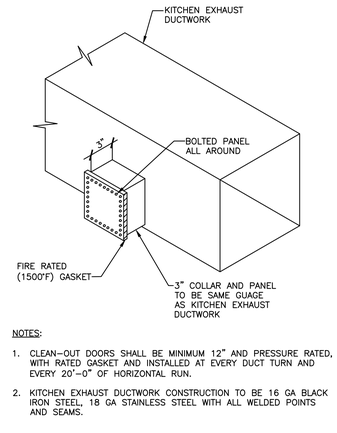
GENERAL NOTE:
THERMOSTAT IS TO COMMUNICATE WITH BMS SYSTEM, REFER TO H-502 FOR POINTS LIST.



4 TYPE-B HORIZONTAL FIRE DAMPER FOR LOW PRESSURE SYSTEMS DETAIL
N.T.S.

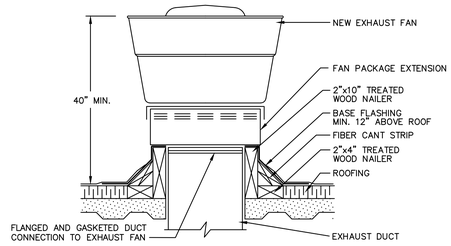


5 SHUTTER TYPE FIRE DAMPER FOR FOR LOW PRESSURE SYSTEMS DETAIL
N.T.S.

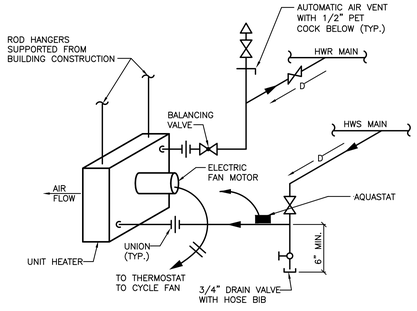


NOTES:
1. CLEAN-OUT DOORS SHALL BE MINIMUM 12" AND PRESSURE RATED, WITH RATED GASKET AND INSTALLED AT EVERY DUCT TURN AND EVERY 20'-0" OF HORIZONTAL RUN.
2. KITCHEN EXHAUST DUCTWORK CONSTRUCTION TO BE 16 GA BLACK IRON STEEL, 18 GA STAINLESS STEEL WITH ALL WELDED POINTS AND SEAMS.

6 CLEANOUT ACCESS PANEL FOR KITCHEN EXHAUST DUCTWORK SYSTEMS
N.T.S.

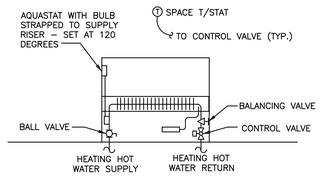


7 KITCHEN AND DISHWASHER EXHAUST FAN AND CURB DETAIL
N.T.S.



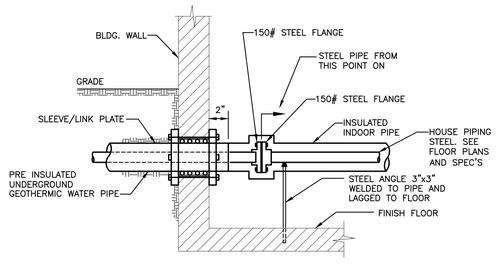
GENERAL NOTE:
THERMOSTAT IS TO COMMUNICATE WITH BMS SYSTEM, REFER TO H-502 FOR POINTS LIST.

8 HOT WATER UNIT HEATER DETAIL
N.T.S.

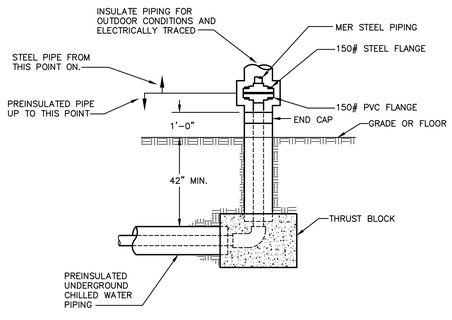


GENERAL NOTE:
THERMOSTAT IS TO COMMUNICATE WITH BMS SYSTEM, REFER TO H-502 FOR POINTS LIST.

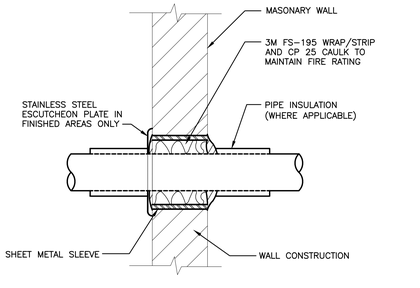
10 CABINET UNIT HEATER PIPING DETAIL
N.T.S.



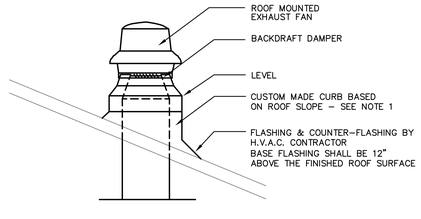
11 BLDG. WALL ENTRY DETAIL
N.T.S.



12 PIPE DROP THRU GRADE OR SLAB
N.T.S.



13 RATED WALL PENETRATION DETAIL FOR MASONARY WALL
N.T.S.



NOTES:
1.) GAUGE AND MATERIAL TO MATCH FAN.
2.) EXHAUST FAN TO HAVE BIRD AND INSECT SCREENS.

14 ROOF MOUNTED EXHAUST FAN ON SLOPED ROOF
N.T.S.

ARCHITECT
ksq design
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
NY PROFESSIONAL ENGINEER NO. 086373-1 ISSUED 1992; EXP. 9/28

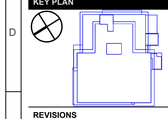
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

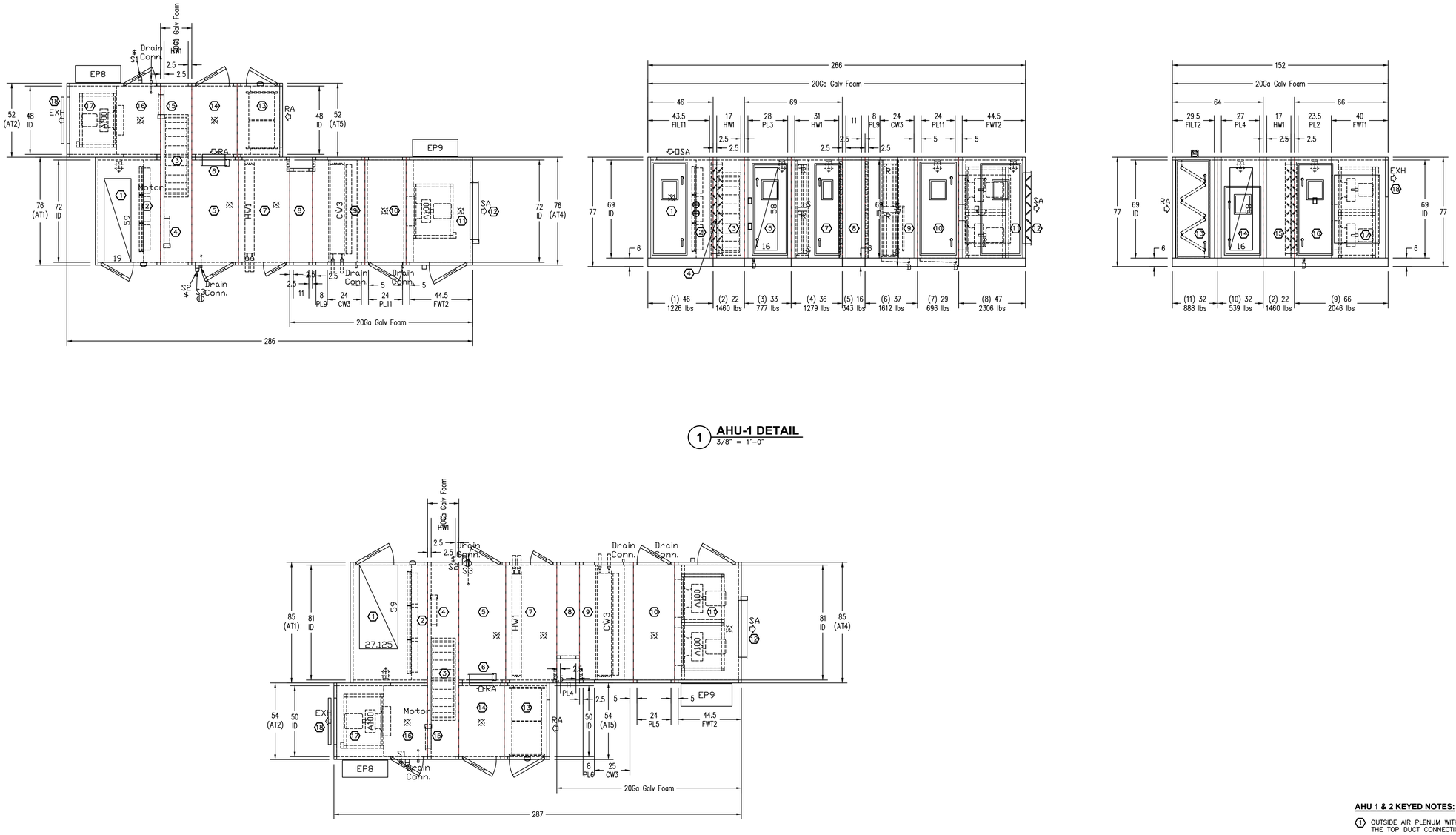
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME:
HVAC DETAILS

SHEET NUMBER:
H-704

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 AHU-1 DETAIL
3/8" = 1'-0"

2 AHU-2 DETAIL
3/8" = 1'-0"

AHU 1 & 2 KEYED NOTES:

1. OUTSIDE AIR PLENUM WITH DAMPER ON THE TOP DUCT CONNECTION.
2. PRE-FILTER INSIDE OUTSIDE AIR PLENUM
3. ENERGY RECOVERY WHEEL.
4. OUTSIDE AIR BYPASS DAMPER FOR THE ENERGY WHEEL.
5. MIXED AIR PLENUM.
6. RETURN AIR DAMPER.
7. HEATING COIL.
8. SUPPLY AIR PLENUM WITH CUSTOM DIMENSIONS TO SADDLE SUPPORT COLUMN.
9. COOLING OIL.
10. ACCESS PLENUM.
11. SUPPLY FAN WALL.
    AHU-1: 2 FANS
    AHU-2: 2 FANS
12. SUPPLY AIR DAMPER.
13. RETURN AIR PLENUM WITH FINAL FILTER.
14. RETURN AIR PLENUM WITH DAMPER TO MIXED AIR PLENUM.
15. EXHAUST AIR BYPASS DAMPER FOR THE ENERGY WHEEL.
16. ACCESS PLENUM.
17. EXHAUST/RETURN FAN.
    AHU-1: 2 FANS
    AHU-2: 2 FANS
18. EXHAUST AIR DAMPER

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

NY PROFESSIONAL ENGINEER
NO. 085375-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

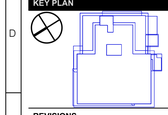
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



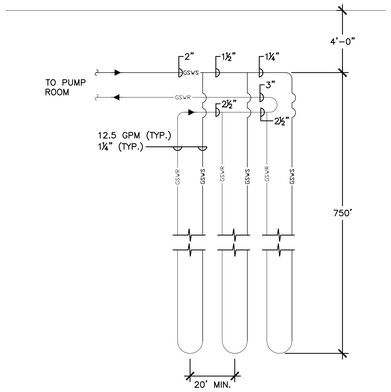
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC DETAILS
SHEET NUMBER: H-705

BID SET

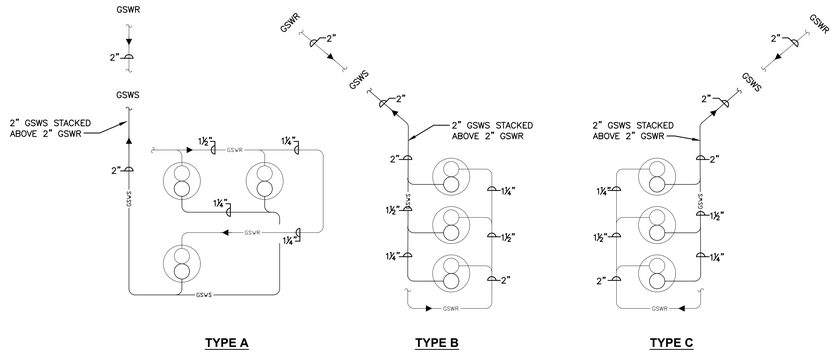
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

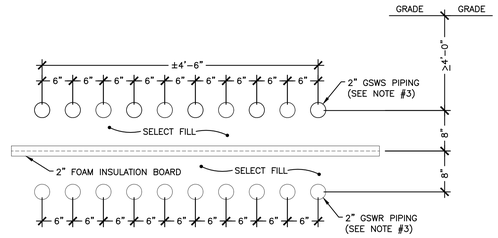


1 TYPICAL - 3 WELL PIPE ARRANGEMENT - SIDE VIEW
N.T.S.

NOTES:

1. ALL PIPING SHALL BE INSTALLED IN A REVERSE RETURN ARRAIGNMENT.
2. ALL CHANGES IN DIAMETER SHALL BE VIA "REDUCING HOADEN".
3. ALL LOOP LENGTHS SHALL BE WITHIN 10% OF EACH OTHER.
4. SYSTEM SHALL CONSIST OF 10 CIRCUITS OF CO WELLS – 30 WELLS TOTALS





2 TYPICAL - 3 WELL PIPE ARRANGEMENT - TOP VIEW
N.T.S.

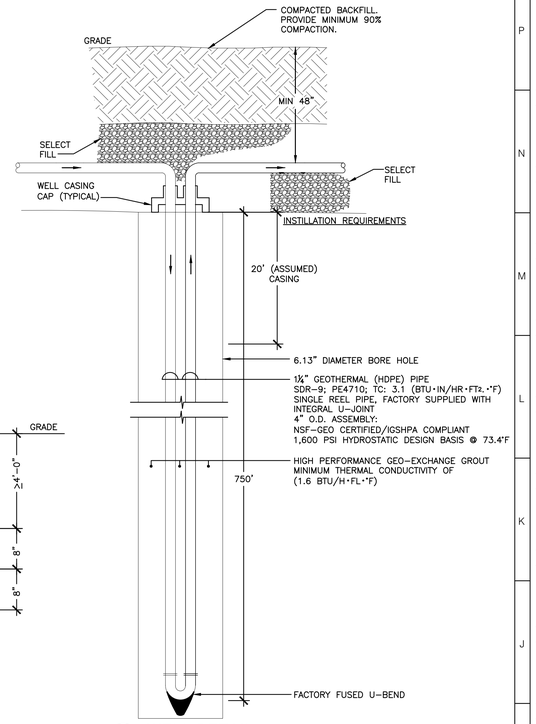
NOTES:

1. SEE PLAN VIEW FOR ROUTING OF GSWS/R PIPING.
2. GSWS/R PIPING SHALL BE THERMODYNAMICALLY SEPARATED TO PREVENT CROSS TRANSFER OF ENERGY.
3. EACH WELL SHALL BE RATED FOR 12.5 GPM.
4. EACH CIRCUIT SHALL BE RATED FOR 37.5 GPM.

3 SEPARATION DETAILS - 2" S/R PIPING - TYPICAL
SCALE: 1"=1'

NOTES:

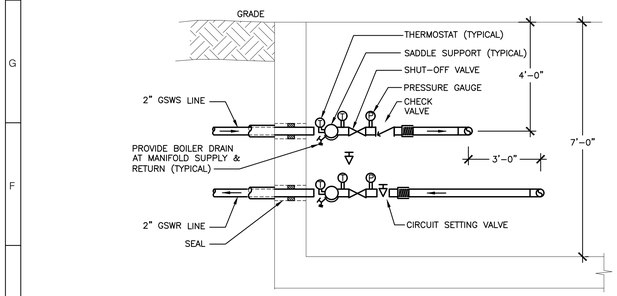
1. THERMALLY SEPARATE GSWS & GSWR BELOW GRADE.
2. DETAIL TYPICAL FOR 1 THROUGH 10, 2" GSWS/GSWR PIPING CONFIGUARATION.
3. PIPING MAY BE STACKED 2 ROWS HIGH IF REQUIRED.



4 WELL DETAIL
N.T.S.

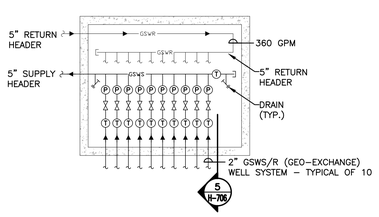
NOTES: GEO EXCHANGE SYSTEM

1. INSTALL A NETWORK OF CLOSED LOOP GROUTED GEOTHERMAL BOREHOLES.
2. DRILL ALL WELLS ON LEVEL GROUND (≤10% SLOPE).
3. PROVIDE PROPER CASING – ASSUME 20' OF CASING FPR EACH BORE HOLE.
   –PROVIDE PER FOOT COST FOR CASING IN EXCAVATING OF 20'/BORE HOLE.
4. DRILL NOMINAL 6" BOREHOLE TO A DEPTH OF 750'.
5. INSTALL A 1–1/4" HDPE (HIGH DENSITY POLYETHYLENE) PIPES WITH A RETURN BEND AT THE BOTTOM OF THE LOOP
6. INSTALL THE U–BEND LOOP OF HDPE PIPE BY LOWERING IT TO THE BOTTOM OF THE BORE.
7. INSTALL A TEMPORARY "TREMIE" LINE AND USE THIS TO PUMPS THE GROUT AS IT IS RETRACTED TOWARD THE SURFACE.
8. FURNISH A HIGH–PERFORMANCE GEO–EXCHANGE GROUT TO THE SURFACE. (THE GROUT SHALL BE A PRECISE MIXTURE OF WATER, SAND, AND BENTONITE WITH A TC OF 1.6.).
9. THIS MIXTURE SHOULD SWELL 5–TO–8% AGAINST THE BOREHOLE WALL, HELPING TO SEAL AGAINST AQUIFER CROSS–CONTAMINATION OR SURFACE WATER PENETRATION ALONG THE GROUTED CYLINDER.
10. DRILL LOCATIONS SHALL BE IN THE OPEN FIELDS.
11. ONCE THE SPACED BOREHOLES WITH PIPE AND GROUT ARE INSTALLED, THEIR STUBS ARE CONNECTED TO HORIZONTAL SUPPLY AND RETURN HEADERS (AT A MINIMUM DEPTH OF FOUR FEET) THAT CIRCULATE LIQUID DOWN AND BACK UP TO THE SURFACE.
12. FURNISH TRENCHING AND ROUTE S/R PIPING AS SHOWN TO/FROM THE PUMP ROOM, AND PROVIDE A THERMALLY SEPARATED BARRIER TO PREVENT CROSS TRANSFER OF HEAT BETWEEN THE PIPING.
13. ALL PIPE CONNECTIONS SHALL BE HEAT–FUSED BEFORE BURIAL.
14. THERE SHALL BE NO MECHANICAL, TENSION–BASED FITTINGS TO LOOSEN OR FAIL, UNDERGROUND.
15. MARK ALL TRENCHES AND AN UNDERGROUND PIPING WITH METAL INFUSED MARKING TAPES THAT CAN EASILY BE IDENTIFIED WITH APPROPRIATE SURFACE DETECTORS.
16. RESTORE THE SURFACE TO MATCH EXISTING CONDITIONS.
17. FOR BID PURPOSES – ASSUME CASING AT 20'–0"
    –PROVIDE PER LF ± COST TO ADDRESS FIELD CONDITIONS

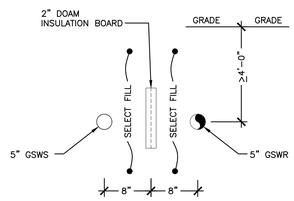


NOTE:
1. CONTRACTOR SHALL PROVIDE 90° POLY ELBOWS & TEES AS NECESSARY.

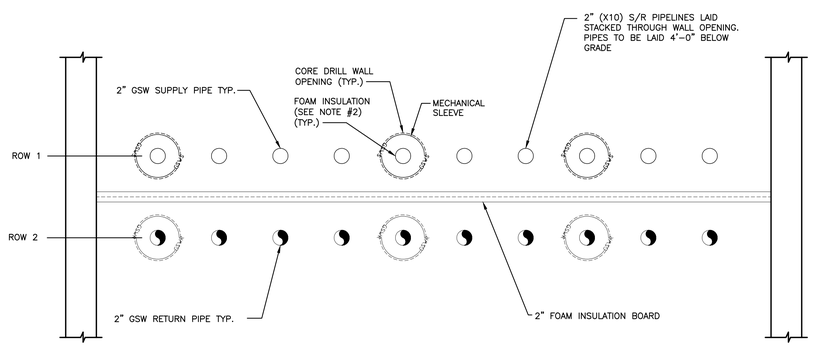
5 GEOTHERMAL LOOP PIPING VAULT PENETRATION DETAIL
N.T.S.



6 GEOTHERMAL VAULT MANIFOLD DETAIL
SCALE: 1/4" = 1'



7 SEPARATION DETAILS - 5" S/R PIPING - TYPICAL
SCALE: 1"=1'



8 MECHANICAL: SECTION A-A
SCALE: 1"=1'

NOTES:

1. CORE DRILL OPENING, INSTALL SCH. 80 SLEEVE & MECHANICAL SLEEVE (LINK SEAL). TO ENSURE A WATER TIGHT PENETRATION.
2. INSTALL 2" S/R PIPE WITH ELASTOMERIC FOAM INSULATION.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK – JOHN DAVID FELLENZER – 049373 – LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER
NO. 049373-1
ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

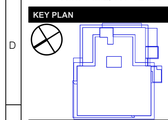
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC DETAILS
SHEET NUMBER: H-706

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

WATER TO WATER HEAT PUMP CHILLERS (BASIS OF DESIGN)

General Unit Data								Cooling					Heating					Cooling Source							Cooling Load							Heating Source							Heating Load							Simultaneous									Eelectrical Data		
Tag	Quantity of Modules	Nominal Tonnage Per Module	Refrigerant	Refrigerant Charge	Manufacturer	Model Number	Description	Total Capacity	One Module Capacity	Total Power Input	One Module Power Input	EER	Total Capacity	One Module Capacity	Total Power Input	One Module Power Input	COP	Total Fluid Flow	One Module Flow	Design Flow (2) Modules	EWT	PCT Glycol	LWT	WPD	Total Fluid Flow	One Module Flow	Design Flow (2) Modules	EWT	PCT Glycol	LWT	WPD	Total Fluid Flow	One Module Flow	Design Flow (3) Modules	EWT	PCT Glycol	LWT	WPD	Total Fluid Flow	One Module Flow	Design Flow (3) Modules	EWT	PCT Glycol	LWT	WPD	Cooling			Heating			Electrical			Flows				Unit MCA	Unit MOCP	Unit Voltage
																																												Total Capacity	One Module Capacity	EER	Total Capacity	One Module Capacity	COP	Total Power Input	One Module Power Input	Combined COP	Total Evaporator Flow	One Module Evaporator Flow	Total Evaporator Flow	One Module Condenser Flow			
				LBS				TONS	TONS	KW	KW	BtuH/W	MBH	MBH	KW	KW	KW/KW	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	TONS	TONS	BtuH/W	MBH	MBH	KW/KW	KW	KW	KW/KW	GPM	GPM	GPM	GPM			V
WWHP-1	4	40	R-454B	152	Trane	MWSA040-4	WW - Water2Water High Efficiency	146	36.5	108.4	27.1	16.11	1849	462.3	150.4	37.6	3.496	434.2	108.5	217	76	15	86	12.1	440	110	220	53	0	44	9.67	490	122.5	367.5	43	15	37	13.6	400	100	300	109	0	120	9.97	127.9	32	10.7	2020	505	4.13	143.2	35.8	7.269	440	110	340	85	275	300	460/60/3

Notes:
1. In cooling mode the heat pump will operate with 2 modules, having 2 modules on stanby to create and n+2 reduntant system.
2. In heating mode the heat pump will operate with 3 modules, having 1 module on stanby to create and n+1 reduntant system.
3. Geothermal well field and pump have been sized for the use of only 2 modules in cooling mode and 3 modules in heating mode.
4. Heat pump shall be programmed to switch to the standby module(s) in the event of an operating module failing.

MAKEUP AIR UNIT SCHEDULE

BASED ON: CAPTIVEAIRE OR APPROVED EQUAL

AIR SIDE												HOT WATER COIL				
UNIT NO.	SERVICE	LOCATION	CFM	E.S.P(IN. WG)	EAT-LAT	FAN RPM	FAN HP	MCA	MOP	VOLT/PH	DRIVE	BTU Adusted (30% Glycol)	EWT-LWT	FLOW RATE GPM	MODEL	REMARKS
MAU-1	KITCHEN	Penthouse MER	6802	1	0-65	1048	5	8.7	15	460/3Ø	VAV	476069	118-110	95.2295	A4-30D	SEE NOTES
MAU-2	KITCHEN ISLAND	ROOF	3692	0.75	0-65	1812	5	8.5	15	460/3Ø	VAV	269246	118-110	54	A2-20D	SEE NOTES
MAU-3	KITCHEN ISLAND	ROOF	1820	0.75	0-65	2059	2	3.4	15	460/3Ø	VAV	133087	118-110	27	A1-15D	SEE NOTES

NOTES:
1. INSTALL ALL MAKEUP AIR UNITS AS PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE ALL MAKEUP AIR UNITS WITH NON-FUSED DISCONNECT SWITCH.
3. COORDINATE THE DISCHARGE/ROTATION OF ALL MAKEUP AIR UNITS WITH THE DUCTWORK ROUTING.
4. UNITS ARE BASED ON CAPTIVEAIRE
5. UNITS COMPLETE WITH FILTERS
6. MAU-2, 3 & 4 COMPLETE WITH ROOF CURBS AND SHALL MATCH ROOF PITCH.

LOUVER SCHEDULE

BASED ON: RUSKIN OR APPROVED EQUAL

TAG	LOCATION	APPLICATION	NOMINAL SIZE(IN)	FREE AREA (SF)	CFM	MATERIAL BLADE/FRAME	FRAME DEPTH (IN)	DRAINABLE	DAMPER	MODEL	REMARKS
L-1	PERGOLA	INTAKE	108" X 42"	14.62	12,500 & 15,000	ALUMINUM	6"	YES	YES	ELC6375DAX	SEE NOTES
L-2	MEZZANINE	INTAKE	48" X 48"	7.48	6,782	ALUMINUM	6"	YES	YES	ELC6375DAX	SEE NOTES
L-3	MEZZANINE	INTAKE	48" X 36"	5.21	3,770	ALUMINUM	6"	YES	YES	ELC6375DAX	SEE NOTES
L-4	2ND FLOOR WALL	EXHUAST	12" X 12"	0.15	100	ALUMINUM	6"	YES	YES	ELC6375DAX	SEE NOTES

NOTES:
1. PROVIDE ALL LOUVERS WITH POWDER COATING COLOR TO MATCH BUILDING EXTERIOR. COORDINATE WITH ARCHITECT.
2. PROVIDE ALL LOUVERS WITH BIRD SCREEN.
3. PROVIDE 24V ACUATOR FOR DAMPER CONTROL.

VARIABLE AIR VOLUME BOX SCHEDULE (AHU-1) — BASED ON: TITUS OR APPROVED EQUAL

UNIT NO.	CFM RANGE MIN.	CFM RANGE MAX.	Number of Rows	MAX. P.D. (IN. WG.)	HOT WATER REHEAT COIL DATA CFM	MBH	GPM	HEAD LOSS (FT.)	E.A.T. (ºF)	L.A.T. (ºF)	E.W.T. (ºF)	L.W.T. (ºF)	MODEL	UNIT	REMARKS
VAV-1-1	160	400	4	0.25	400	19	9.5	3.24	55	100	120	116	DESV	8	SEE NOTES
VAV-1-2	640	1600	4	0.25	1600	78	9.8	1.05	55	100	120	104	DESV	40	SEE NOTES
VAV-1-3	640	1600	4	0.25	1600	78	9.8	1.05	55	100	120	104	DESV	40	SEE NOTES
VAV-1-4	640	1600	4	0.25	1600	78	9.8	1.05	55	100	120	104	DESV	40	SEE NOTES
VAV-1-5	640	1600	4	0.25	1600	78	9.8	1.05	55	100	120	104	DESV	40	SEE NOTES
VAV-1-6	240	600	4	0.25	600	29	4.4	0.67	55	100	120	107	DESV	12	SEE NOTES
VAV-1-7	480	1200	4	0.25	1200	58	7.5	0.53	55	100	120	104	DESV	16	SEE NOTES
VAV-1-8	80	200	3	0.25	200	10	4.0	2.43	55	100	120	115	DESV	4	SEE NOTES
VAV-1-9	40	100	3	0.25	100	5	1.0	0.30	55	100	120	110	DESV	4	SEE NOTES
VAV-1-10	240	600	4	0.25	600	29	4.4	0.67	55	100	120	107	DESV	12	SEE NOTES
VAV-1-11	120	300	4	0.25	300	15	7.2	3.14	55	100	120	116	DESV	5	SEE NOTES
VAV-1-12	240	600	4	0.25	600	29	4.4	0.67	55	100	120	107	DESV	12	SEE NOTES
VAV-1-13	40	100	3	0.25	100	5	1.0	0.30	55	100	120	110	DESV	4	SEE NOTES
VAV-1-14	240	600	4	0.25	600	29	4.4	0.67	55	100	120	107	DESV	12	SEE NOTES
VAV-1-15	80	200	3	0.25	200	10	4.0	2.43	55	100	120	115	DESV	4	SEE NOTES
VAV-1-16	480	1200	4	0.25	1200	58	7.5	0.53	55	100	120	104	DESV	16	SEE NOTES

NOTES:
1. ALL UNITS SHALL BE EQUIPED WITH HIGH CAPACITY HOT WATER COILS.
2. MINIMUM CFM SHALL BE FACTORY SET FOR 40% OF MAXIMUM CFM.
3. INSTALLING CONTRACTOR SHALL DETERMINE COIL RIGHT OR LEFT HAND CONNECTIONS BEFORE ORDERING COILS.

VARIABLE AIR VOLUME BOX SCHEDULE (AHU-2) — BASED ON: TITUS OR APPROVED EQUAL

UNIT NO.	CFM RANGE MIN.	CFM RANGE MAX.	Number of Rows	MAX. P.D. (IN. WG.)	HOT WATER REHEAT COIL DATA CFM	MBH	GPM	HEAD LOSS (FT.)	E.A.T. (ºF)	L.A.T. (ºF)	E.W.T. (ºF)	L.W.T. (ºF)	MODEL	UNIT	REMARKS
VAV-2-1	320	800	3	0.25	800	39	6.0	0.52	55	100	120	107	DESV	16	SEE NOTES
VAV-2-2	400	1000	3	0.25	1000	49	6.7	0.09	55	100	120	105	DESV	14	SEE NOTES
VAV-2-3	200	500	3	0.25	500	24	4.0	0.53	55	100	120	108	DESV	10	SEE NOTES
VAV-2-4	640	1600	3	0.25	1600	78	9.8	0.37	55	100	120	104	DESV	16	SEE NOTES
VAV-2-5	640	1600	3	0.25	1600	78	9.8	0.37	55	100	120	104	DESV	16	SEE NOTES
VAV-2-6	640	1600	3	0.25	1600	78	9.8	0.37	55	100	120	104	DESV	16	SEE NOTES
VAV-2-7	480	1200	3	0.25	1200	58	7.5	0.28	55	100	120	104	DESV	16	SEE NOTES
VAV-2-8	800	2000	3	0.25	2000	76	9.9	0.83	55	100	120	105	DESV	40	SEE NOTES
VAV-2-9	160	400	3	0.25	400	19	9.5	0.27	55	100	120	116	DESV	8	SEE NOTES
VAV-2-10	400	1000	4	0.25	1000	49	6.7	1.65	55	100	120	105	DESV	14	SEE NOTES
VAV-2-11	420	1050	4	0.25	1050	51	7.8	1.12	55	100	120	107	DESV	14	SEE NOTES
VAV-2-12	1040	2600	3	0.25	2600	98	12.0	0.99	55	100	120	104	DESV	40	SEE NOTES

NOTES:
1 ALL UNITS SHALL BE EQUIPED WITH STANDARD CAPACITY HOT WATER COILS.
2 MINIMUM CFM SHALL BE FACTORY SET FOR 40% OF MAXIMUM CFM.
3. INSTALLING CONTRACTOR SHALL DETERMINE COIL RIGHT OR LEFT HAND CONNECTIONS BEFORE ORDERING COILS.

GRAVITY VENTILATOR SCHEDULE

BASED ON: GREENHECK OR APPROVED EQUAL

TAG	LOCATION	APPLICATION	THROAT SIZE(IN)	NOMINAL SIZE(IN)	FREE AREA (SF)	CFM	MATERIAL BLADE/FRAME	PRESSURE DROP (IN. WG)	THROAT VELOTY (FT/MIN)	NUMBER OF TIERS	MODEL	REMARKS
GV-1	ROOF	EXHAUST	32" X 72"	86" X 50"	18	12,500	ALUMINUM	0.08	700	7	WRH-7	SEE NOTES
GV-2	ROOF	EXHAUST	42" X 72"	86" X 56"	21	15,000	ALUMINUM	0.08	700	8	WRH-8	SEE NOTES

NOTES:
1. PROVIDE GRAVITY VENTILATOR WITH A CURB THAT HAS A HEIGHT SUFFICENT TO YEILD 12" HEIGHT OF BASE FLASHING ABOVE THE ROOF SURFACE.

PUMP SCHEDULE

BASED ON: TACO OR APPROVED EQUAL

UNIT NO.	LOCATION	SYSTEM	CIRCULATING FLUID FLUID	SPEC. GRAVITY	TEMP (F)	GPM	HEAD (FT.)	MOTOR HP	MOTOR RPM	IMPELLER DIA. (IN.)	MIN. EFF. (%)	ELECTRICAL DATA VOLT	PHASE	MODEL NO.	REMARKS
P-1/1A	PUMP ROOM	SOURCE TO WWHP LEAD / LAG	15% PG	1.015	38 - 76	375	160	30	1760	12.4	73	460	3	FI3031D	SEE NOTES
P-2/2A	MER	HW SYSTEM LEAD / LAG	-	1	110	300	70	7.5	1760	9.1	78	460	3	FI2509D	SEE NOTES
P-3/3A	MER	CHW SYSTEM LEAD / LAG	-	1	54	220	60	5	1760	8.15	76	460	3	FI2509D	SEE NOTES

NOTES:
1. IMPELLER DIAMETER INDICATED IS APPROXIMATE. FINAL IMPELLER DIAMETER TO BE DETERMINED BY PUMP MFTR. CONTRACTOR SHALL TRIM IMPELLER AFTER INITIAL FLOW BALANCING TO ACHIEVE OPTIMAL
2. M.C. TO FURNISH. E.C. TO INSTALL AND WIRE VFDS.
3. PUMPS IN SKID PACKAGE 2 ARE AN ALTERNATE TO P-2 / 2A

AIR OUTLET SCHEDULE

TAG	CFM RANGE	NECK SIZE	FACE SIZE	APPLICATION	MANUF. & MODEL	ACCESSORIES	FRAME TYPE	MAX S.P.	FINISH	REMARKS
CD-1	100-200 201-385 390-600	8" Ø 10"Ø 12" Ø	24" X 24"	SUPPLY AIR CEILING DIFFUSER	TITUS TMS	---	1	0.08	B12 WHITE	SEE NOTES
CD-2	50-100	6" Ø	12" X 12"	SUPPLY AIR CEILING DIFFUSER	TITUS TMS	---	1	0.08	B12 WHITE	SEE NOTES
CD-3	300	AS INDICATED	18"x 6"	SIDEWALL GRILLE	TITUS 350RL	---	---	0.08	B12 WHITE	SEE NOTES
CD-4	100	AS INDICATED	10" X 6"	SIDEWALL GRILLE	TITUS 350RL	---	---	0.08	B12 WHITE	SEE NOTES
LD-1	100-250 251-350 351-500	8" Ø 10"Ø 12" Ø	48" PLENUM	LINEAR SUPPLY DIFFUSER	TITUS ML-38 (4 Slots)	ADJUSTABLE CABLE	22	0.15	#26 WHITE BORDER	SEE NOTES
LD-2	100-250 251-350	8" Ø 10"Ø	48" PLENUM	LINEAR SUPPLY DIFFUSER	TITUS ML-38 (4 Slots)	ADJUSTABLE CABLE	4	0.15	#26 WHITE BORDER	SEE NOTES
TRG-1	300	AS INDICATED	18"x 6"	SIDEWALL GRILLE	TITUS 350RL	---	---	0.08	B12 WHITE	SEE NOTES
RR-1 ER-1	150-200 800 1250	8" Ø 14"Ø 16"Ø	24" X 24"	RETURN GRILLE PRICE (EGG CRATE)	PROVIDE WITH INTEGRATED PLENUM	COORDINATE WITH DRAWINGS		0.08	B12 WHITE	SEE NOTES

NOTES:
PROVIDE CD-1 WITH 3-WAY PATTERN WHERE INDICATED ON DRAWINGS.

EXHAUST FAN SCHEDULE

UNIT NO.	SERVICE	LOCATION	CFM	E.S.P(IN. WG)	DRIVE	FAN RPM	FAN HP	VOLT/PH	MANUFACTURER	MODEL	REMARKS
KEF-1A	KITCHEN	ROOF	2819	1.75"	VFD	1239	5	460/3Ø	CAPTIVEAIRE	DU200HFA	SEE NOTES
KEF-1B	KITCHEN	ROOF	2224	1.75"	VFD	1275	3	460/3Ø	CAPTIVEAIRE	DU180HFA	SEE NOTES
KEF-1C	KITCHEN	ROOF	3456	1.75"	VFD	1301	5	460/3Ø	CAPTIVEAIRE	DU200HFA	SEE NOTES
KEF-2	KITCHEN ISLAND	ROOF	3614	1.0"	VFD	1120	2	460/3Ø	CAPTIVEAIRE	DU200HFA	SEE NOTES
KEF-3	KITCHEN ISLAND	ROOF	2275	1.0"	VFD	1039	1.5	460/3Ø	CAPTIVEAIRE	DU180HFA	SEE NOTES
KEF-4	DISHWASHER	ROOF	750	1.19"	VFD	1482	0.37	115/1Ø	CAPTIVEAIRE	DU50HFA	SEE NOTES
EF-1	BATHROOM / JANITOR CLOSET	ROOF	1000	.5"	VG	1482	0.25	115/1Ø	GREENHECK	CUE-100-VG	SEE NOTES
EF-2	PENTHOUSE MER	ROOF	3700	.5"	VG	596	2	460/3Ø	GREENHECK	G-270-VG	SEE NOTES
EF-3	2ND FLOOR KITCHEN BATHROOM	INLINE ABOVE CEILING	100	0.33"	VG	1518	0.06	115/1Ø	GREENHECK	SQ-70-VG	SEE NOTES
EF-4	PUMP ROOM	PUMP ROOM ROOF	600	.5"	VG	1,179	0.25	115/1Ø	GREENHECK	G-100-VG	SEE NOTES

NOTES:
1. INSTALL ALL EXHAUST FANS AS PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE ALL EXHAUST FANS WITH NON-FUSED DISCONNECT SWITCH.
3. COORDINATE THE DISCHARGE/ROTATION ON ALL EXHAUST FANS WITH THE DUCTWORK ROUTING.
4. KITCHEN EXHAUST FANS ARE BASED ON CAPTIVEAIRE
5. EF-1,2,3,4 BASED ON GREENHECK
6. ALL FANS COMPLETE WITH ROOF CURBS.
7. PROVIDE MOTORIZED DAMPER FOR EXHAUST FANS EF-1,2,3,4 only

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK — JOHN DAVID FELLENZER — 092312 — LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 092312
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

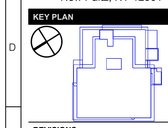
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC SCHEDULES
SHEET NUMBER: H-801

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Air Handling Unit Schedule

Unit Tag	Condition Name	Design: Airflow (SCFM)	Design: MAX/MIN. OA (SCFM)	Design: Basis Of Design	Design: External SP	Fanwall (Supply): Airflow (SCFM)	Fanwall (Supply): NO. OF FANS	Fanwall (Supply): TSP (in.H20)	Fanwall (Supply): Duct Opening ESP (in. H20)	Fanwall (Supply): BHP Total (BHP)	Fanwall (Supply): Voltage	Fanwall (Exhaust): TOTAL Airflow (SCFM)	Fanwall (Exhaust): NO. OF FANS	Fanwall (Exhaust): TSP (in.H20)	Fanwall (Exhaust): Duct Opening ESP (in. H20)	Fanwall (Exhaust): BHP Total (BHP)	Fanwall (Exhaust): Voltage	Coil (Chilled Water): Capacity Sensible (MBH)	Capacity Total (MBH)	Entering Fluid Temp (°F)	Leaving Fluid Temp (°F)	Entering Temp DB (°F)	Entering Temp WB (°F)	Fluid Pressure Drop (ft.H20)	Leaving Temp DB (°F)	Leaving Temp WB (°F)	Fluid Flow Rate (GPM)	Rows	Coil (Heated Water): Capacity Total (MBH)	Entering Fluid Temp (°F)	Leaving Fluid Temp (°F)	Entering Temp DB (°F)	Entering Temp WB (°F)	Entering Temp DB (°F)	Leaving Temp WB (°F)	Fluid Flow Rate (GPM)	Filter (Pre / Final): Pre-Filter Depth (in)	Pre-Filter MERV	Final Filter Depth (Box Filter) (in)	MERV	Design Notes
AHU-1	Condition 1	12,500	12,500/3,500	Ventrol	Supply : 0.94 - Exhaust: 1.44	12,500	2	5.02	0.94	17.10	460/3/60	12,500	2	2.90	1.44	12.11	460/3/60	346.7	494.9	44	53	77.20	65.40	8.50	52.01	51.90	98.6	6	255.7	118	105.18	51.70	40.00	70.59	49.07	36.2	2.000	MERV 8	6.000	MERV 13	
AHU-2	Condition 1	15,000	15,000/4,800	Ventrol	Exhaust: 1.59 - Supply : 2.99	15,000	2	5.02	1.45	18.55	460/3/60	15,000	2	2.90	1.59	16.16	460/3/60	422.3	606.0	44	53	77.20	65.40	7.74	51.63	51.58	120.8	6	312.0	118	103.63	51.70	40.00	70.90	49.22	40.0	2.000	MERV 8	6.000	MERV 13	

Heat Wheel Schedule

Unit Tag	BASIS OF DESIGN	Exhaust Air Temp DB (°F)	Exhaust Air Temp WB (°F)	Heat Transfer Total (MBH)	Latent Effectiveness (%)	Outside Air Ent Airflow (SCFM)	Outside Air Temp DB (°F)	Outside Air Temp WB (°F)		Return Air Ent Airflow (SCFM)	Return Air Temp DB (°F)	Return Air Temp WB (°F)	Sensible Effectiveness (%)	Supply Air Ent Airflow (SCFM)		Supply Air Temp DB (°F)	Supply Air Temp WB (°F)	Total Effectiveness (%)
AHU-1	INNERGYTECH	19.41	18.12	331.5	68.9	3,500	0.00	-2.00		3,500	70.00	53.00	72.3	3,500		50.59	41.19	71.4
AHU-2	INNERGYTECH	19.41	18.12	331.5	68.9	4,800	0.00	-2.00		4,800	70.00	53.00	72.3	4,800		50.59	41.19	71.4

DUCTLESS SPLIT-SYSTEM UNITS

MARK	LOCATION	TYPE	MANUFACTURER	MODEL #	REFRIGERENT TYPE	REFRIGERANT CHARGE (LBS)	MAX PIPE LENGTH (FT)	NET COOLING CAPACITY BTU/HR	NET HEATING CAPACITY BTU/HR	MOUNTING	EER	FAN CFM	ELECTRICAL CHARACTERSTICS: VOLTAGE	ELECTRICAL CHARACTERSTICS: MAX FUSED AMPS	REMARKS
AC-1	IT CLOSET 138	INDOOR	DAIKIN	FTXM12WVJU9	R-32	----	----	12000	---	WALL	13.2	500	208/230V	0.25A	SEE NOTES
AC-2	ELEC CLOSET 220	INDOOR	DAIKIN	FTXM18WVJU9	R-32	----	----	18000	---	WALL	12.5	700	208/230V	0.46A	SEE NOTES
ACCU-1	ROOF	OUTDOOR	DAIKIN	RXM12WVJU9	R-32	2.16	82	12000	---	ROOF	13.2	1500	208/230V	15A	SEE NOTES
ACCU-2	ROOF	OUTDOOR	DAIKIN	RXM18WVJU9	R-32	2.98	99	18000	---	ROOF	12.5	2100	208/230V	20A	SEE NOTES

NOTES:
1. PROVIDE WITH CONDENSATE PUMP, PIPE DISCHARGE TO JANITOR SLOP SINK.
2. PROVIDE WITH LOW AMBIENT OPERATION KIT (-20°F).
3. OUTDOOR UNIT ON ROOF SHALL BE MOUNTED ON RAILS.
4. PROVIDE WITH ACCESSORY COVER TO CONCEAL PIPING.
5. PROVIDE CRANKCASE HEATER.
6. PROVIDE WINTER START KIT.
7. PROVIDE ISOLATION KIT.
8. PROVIDE TEMPERATURE CONTROL, WIRELESS OPTION.
9. INSTALLATION OF SPLIT SYSTEM MUST BE PER MANUFACTURERS INSTRUCTIONS.

EXPANSION TANK SCHEDULE

EQUIPMENT BASED ON: TACO

UNIT NO.	SERVICE	LOCATION	MANUFACTURER'S MODEL NO.	OPERATING WEIGHT (LBS)	DIMENSIONS, INCHES (DIAM X H)	TANK VOLUME, GALLONS	TANK ACCEPTANCE VOLUME, GALLONS	FILL PRESSURE, PSIG	REMARKS
ET-1	SOURCE LOOP	PUMP ROOM	CA-450	1391	24x77	119	119	12	SEE NOTES
ET-2	HW RHC/BB	1st FL. MER	CA-90	312	20x29	23	23	22	SEE NOTES
ET-3	AHU CW COILS	1st FL. MER	CA-90	312	20x29	23	23	18	SEE NOTES

NOTES:
1. TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND VESSEL CODE AMD STAMPED FOR 125 PSIG WORKING PRESSURE.
2. RELIEF VALVE SHALL BE SET AT 50 PSIG.

AIR SEPARATOR SCHEDULE

TAG	SERVICE	FLUID	EWT (°F)	GPM	MAX PD (FT)	PIPE CONNECTION SIZE (IN.)	DESIGN BASIS
AS-1	SOURCE LOOP	--	45	360	3.0	5	TACO AC05F
AS-2	RHC & BB	--	110	300	3.0	5	TACO AC05F
AS-3	AHU CHW	--	54	220	3.0	4	TACO AC04F

GLYCOL FEED UNIT SCHEDULE

UNIT NO.	SYSTEM	WATER FLOW (GPM.)	PRESSURE SETTINGS - ON (PSI)	PRESSURE SETTINGS - OFF (PSI	PERCENT GLYCOL	PUMP HP EACH	VOLTAGE	F.L.A.	SKIDMORE MODEL	REMARKS
GF-1	SOURCE LOOP	2	10	40	15%	1/3	110/1/60	15	D-55-100-2-PEFS	SEE NOTES
GF-2	HX-1 AHU HTG	2	10	40	30%	1/3	110/1/60	15	D-55-100-2-PEFS	SEE NOTES

NOTES:
1. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE DUPLEX PUMP ALTERNATOR ROTATES LEAD PUMP IN DUPLEX SINGLE LOOP SYSTEMS.
3. LOW LEVEL FLOAT SWITCH WITH AUDIBLE ALARM ON THE CONTROL PANEL.
4. CONTROL PANEL ASSEMBLY SHALL BE NEMA 4X UL/CUL 508A LISTED LABELED AND RATED AT 110V/1/60 VOLTS
5. PUMPS SHALL BE ROTARY VANE CLOSE COUPLED TYPE WITH BRASS HOUSING AND BUILT IN SUCTION STRAINERS.
6. PUMPS WILL BE CAPABLE OF 2 GPM @ 100 PSI.

BUFFER TANK SCHEDULE

MARK	LOCATION	SYSTEM AND/OR SERVICE	DIMENSIONS INCHES D X H	TANK VOLUME GALLONS	MANUFACTURE MODEL NUMBER TACO	OPERATING WEIGHT (LBS)	REMARKS
BT-1	PENTHOUSE MER	AHU'S CHILLED WATER COILS	48 X 72	450	BTH0450F - 125	4830	SEE NOTES

NOTES:
1. CONSTRUCTED PER ASME CODE SECTION VIII
2. THERMAL INSULATION 1/2" ARMAFLEX
3. FLANGED INLET AND OUTLET

BASEBOARD HEATER SCHEDULE

BASED ON: STERLING OR APPROVED EQUAL

UNIT NO.	PIPE SIZE	WATER FLOW (GPM.)	WATER TEMP (°F)	BTUH PER FT.	MOUNTING TYPE	MANUFACTURER	MODEL	REMARKS
BB-1	3/4"	1.5 - 2.5	120	270	PEDESTAL	STERLING	JVB-PM C3/4-433	SEE NOTES

NOTES:
1. PROVIDE ELEMENT LENGTHS REQUIRED TO PROVIDE CONTINOUS HEATING ELEMENTS FROM PIPE DROP TO DROP. REFER TO DETAIL 3/H-704 FOR INSTALLATION.
2. PROVIDE CONTINOUS ELNCLOSURE FROM WALL TO WALL WITH BLANK SECTIONS FOR PIPE DROPS, VALVES, TURNS, PIPE SPLICING, ETC. REFER TO DETAIL 3/H-704 FOR INTSALLATION.
3. THERMOSTATS ARE TO COMMUNICATE WITH BMS SYSTEM. REFER TO H-502 FOR POINTS LIST.
4. WATER FLOW RATES VARY ON THE LENGTH OF CONTINOUS HEAT
5. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS.

UNIT HEATER SCHEDULE

BASED ON: VULCAN OR APPROVED EQUAL

UNIT NO.	SERVICE	LOCATION	MANUFACTURER'S MODEL #	SIZE (WxHxD) (INCHES)	WEIGHT (LBS.)	FAN DATA: CFM	FAN DATA: HP	FAN DATA: V/PH/HZ	E.A.T. (°F)	L.A.T. (°F)	E.W.T. (°F)	L.W.T. (°F)	TOTAL CAPACITY BTU	GPM	P.D FT/H20	REMARKS:
UH-1,2,3	HEATING	PH MER	HV-96	20x24x7	50	1400	1/12	120/1/60	60	106	120	110	30,000	6.9	0.29	
UH-4	HEATING	PUMP ROOM	HV-48	18x20x6	45	900	1/20	120/1/60	60	111	120	110	13,430	3.5	0.12	

NOTE:
1. PROVIDE UNIT WITH DISCONNECT.
2. PROVIDE UNIT WITH HANGING BRACKETS.
3. PROVIDE UNIT WITH ELECTRIC MOTOR TOTALLY ENCLOSED & THERMALLY PROTECTED.
4. WATER CONNECTION TO BE FIELD COORDINATED.
5. PROVIDE UNIT WITH SPACE T-STAT, ISOLATION CONTROL VALVE AND STRAP ON AQUASTAT.

SKID PACKAGE EQUIPMENT #1

HOT WATER TO GYLCOL HEAT EXCHANGER SCHEDULE (30% PG)

MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	MANUFACTURER	MODEL #	OPERATING PRESSURE PSIG	HOT SIDE: FLOW GPM	HOT SIDE: EWT °F	HOT SIDE: LWT °F	HOT SIDE: WPD PSI	COLD SIDE: FLOW GPM	COLD SIDE: EWT °F	COLD SIDE: LWT °F	COLD SIDE: WPD PSI	REMARKS
HX-1	PENTHOUSE MER	AHU'S & MAU'S HEATING COILS	PLATE & FRAME	ALFA	AQ4L-FG	150	200	120	100.7	5.1	200	98	118	5.9	SEE NOTES

NOTES:
1. PLATE FRAME HEAT EXCHANGER TO BE PART OF SKID PACKAGE.
2. SEE PUMP SCHEDULE AS PART OF THIS SKID PACKAGE.
3. HEAT EXCHANGER PACKAGE COMPLETE WITH EXPANSION TANK AND AIR SEPERATOR.
4. SEPARATE GLYCOL FEEDER SYSTEM TO BE INSTALLED ON OR ADJACENT TO THE SKID PACKAGE.

PUMP SCHEDULE

UNIT NO.	LOCATION	SYSTEM	MANUFACTURER	MODEL #	CIRCULATING FLUID: FLUID	SPEC. GRAVITY	TEMP (F)	GPM	HEAD (FT.)	MOTOR HP	MOTOR RPM	IMPELLER DIA. (IN.)	MIN. EFF. (%)	ELECTRICAL DATA: VOLT	PHASE
P-4/4A	PENTHOUSE	LOAD SIDE TO HW COILS AHU'S & MUA'S -LEAD / LAG	TACO	KS3007D	30% PG	1.035	100-118	200	50	5	1760	7.15	80	460	3

NOTES:
1. IMPELLER DIAMETER INDICATED IS APPROXIMATE. FINAL IMPELLER DIAMETER TO BE DETERMINED BY PUMP MFTR. CONTRACTOR SHALL TRIM IMPELLER AFTER INITIAL FLOW BALANCING TO ACHIEVE OPTIMAL PUMP PERFORMAN
2. M.C. TO FURNISH. E.C. TO INSTALL AND WIRE VFDS.

EXPANSION TANK SCHEDULE

EQUIPMENT BASED ON: TACO

UNIT NO.	SERVICE	LOCATION	MANUFACTURER'S MODEL NO.	OPERATING WEIGHT (LBS)	DIMENSIONS, INCHES (DIAM X H)	TANK VOLUME, GALLONS	TANK ACCEPTANCE VOLUME, GALLONS	FILL PRESSURE, PSIG	REMARKS
ET-4	HX-1 AHU'S HW COILS	PENTHOUSE MER	CA-90	312	20x29	23	23	12	SEE NOTES

NOTES:
1. TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND VESSEL CODE AMD STAMPED FOR 125 PSIG WORKING PRESSURE.
2. RELIEF VALVE SHALL BE SET AT 50 PSIG.

AIR SEPARATOR SCHEDULE

TAG	SERVICE	FLUID	EWT (°F)	GPM	MAX PD (FT)	PIPE CONNECTION SIZE (IN.)	DESIGN BASIS
AS-4	AHU'S & MUA'S HW COILS	30% PG	120	200	3.0	4	TACO AC04F

CABINET UNIT HEATERS

VULCAN AS STANDARD

UNIT NO.	TYPE UNIT	QUANTITY	CFM	MIN. BTUH	ENT. TEMP. °F: AIR	ENT. TEMP. °F: WATER	GPM	MAX. P.D.	MOTOR: WATTS OR HP	MOTOR: PHASE VOLT.	MODEL AND SIZE	REMARKS
CUH-1	WALL RECESSED	2	400	7000	60	120	1.0	2.0	1/10	120/1	04	NOTES
CUH-2	WALL RECESSED	5	200	2000	60	120	0.5	2.0	1/15	120/1	02	NOTES
CUH-3	CEILING RECESSED	1	430	12000	60	120	1.28	0.25	1/10	120/1	04	NOTES
CUH-4	CEILING RECESSED	2	1230	32400	60	120	3.24	2.0	1/10	120/1	12	NOTES

NOTE:
1. CONTROLS FOR CUH'S SHALL BE THROUGH THE BMS.
2. UNITS TO BE WALL SEMI-RECESSED, UNO

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Dosign
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.

STATE OF NEW YORK · JOHN DANIEL FELLENZER · 095375 · LICENSED PROFESSIONAL ENGINEER

NY PROFESSIONAL ENGINEER
NO. 095375-1
ISSUED 1992; EXP. 9/28

SUCF Project No. 081056-00

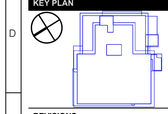
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC SCHEDULES
SHEET NUMBER: H-802

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

WATER TO WATER HEAT PUMP CHILLERS (OPTIONAL DESIGN)

General Unit Data								Cooling					Heating					Cooling Source							Cooling Load							Heating Source							Heating Load							Simultaneous								Eelectrical Data		
																																												Cooling			Heating			Electrical		Flows								
Tag	Quantity of Modules	Nominal Tonnage Per Module	Refrigerant	Refrigerant Charge	Manufacturer	Model Number	Description	Total Capacity	One Module Capacity	Total Power Input	One Module Power Input	EER	Total Capacity	One Module Capacity	Total Power Input	One Module Power Input	COP	Total Fluid Flow	One Module Flow	Design Flow (2) Modules	EWT	PCT Glycol	LWT	WPD	Fluid Flow	One Module Flow	Design Flow (2) Modules	EWT	PCT Glycol	LWT	WPD	Fluid Flow	One Module Flow	Design Flow (2) Modules	EWT	PCT Glycol	LWT	WPD	Fluid Flow	One Module Flow	Design Flow (3) Modules	EWT	PCT Glycol	LWT	WPD	Total Capacity	One Module Capacity	EER	Total Capacity	One Module Capacity	COP	Total Power Input	One Module Power Input	Combined COP	Total Evaporator Flow	One Module Evaporator Flow	Total Evaporator Flow	One Module Condenser Flow	Unit MCA	Unit MOCP	Unit Voltage
				LBS				TONS	TONS	KW	KW	BtuHW	MBH	MBH	KW	KW	KW/KW	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	GPM	GPM	GPM	F	%	F	ft H2O	TONS	TONS	BtuHW	MBH	MBH	KW/KW	KW	KW	KW/KW	GPM	GPM	GPM	GPM			V
WWHP-2	4	40	R-454B	152	Water Furnace	T5HS040SN24AACHNNGXNNNSS3	WW - Water2Water High Efficiency	168	42	106.6	26.6	18.92	1794	448.5	151.4	37.85	3.47	500	125	250	76	15	86	7.88	440	110	220	54	15	42	5.68	500	125	375	43	15	37	7.27	400	100	300	110	15	122	3.71	137	35.4	23.72	2217	554.3	6.91	162.9	40.74	6.91	440	110	340	85	294	400	460/60/3

Notes:
1. In cooling mode the heat pump will operate with 2 modules, having 2 modules on stanby to create and n+2 reduntant system.
2. In heating mode the heat pump will operate with 3 modules, having 1 module on stanby to create and n+1 reduntant system.
3. Geothermal well field and pump have been sized for the use of only 2 modules in cooling mode and 3 modules in heating mode.
4. Heat pump shall be programmed to switch to the standby module(s) in the event of an operating module failing.
5. Optional heat pump design will mix the load and source side waters, requiring 2 heat exchangers on the load side. Refer to heat exchanger skid packages on H-803.

SKID PACKAGE EQUIPMENT #2 (OPTIONAL DESIGN)

HOT WATER TO GYLCOL HEAT EXCHANGER SCHEDULE (15% PG)

MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	MANUFACTURER	MODEL #	MAX	HOT SIDE				COLD SIDE				REMARKS
						PRESSURE	FLOW	EWT	LWT	WPD	FLOW	EWT	LWT	WPD	
							GPM	°F	°F	PSI	GPM	°F	°F	PSI	
HX-2	1ST FLOOR MER	WWHP-2	PLATE & FRAME	ALFA	AQ4L-FG	150	300	122	112	9.5	300	110	120	9	SEE NOTES

NOTES:
1. PLATE FRAME HEAT EXCHANGER TO BE PART OF SKID PACKAGE.
2. SEE PUMP SCHEDULE AS PART OF THIS SKID PACKAGE.
3. HEAT EXCHANGER PACKAGE COMPLETE WITH EXPANSION TANK AND AIR SEPERATOR.

PUMP SCHEDULE

UNIT NO.	LOCATION	SYSTEM	MANUFACTURER	MODEL #	CIRCULATING FLUID					MOTOR HP	MOTOR RPM	IMPELLER DIA. (IN.)	MIN. EFF. (%)	ELECTRICAL DATA		REMARKS
					FLUID	SPEC. GRAVITY	TEMP (F)	GPM	HEAD (FT.)					VOLT	PHASE	
P-5/5A	1ST FLOOR MER	HX-2 TO WWHP-2 LEAD / LAG	TACO	2507D	15% PG	1.015	112 - 122	300	40	5	1760	7.2	76	460	3	SEE NOTES

NOTES:
1. IMPELLER DIAMETER INDICATED IS APPROXIMATE. FINAL IMPELLER DIAMETER TO BE DETERMINED BY PUMP MFTR. CONTRACTOR SHALL TRIM IMPELLER AFTER INITIAL FLOW BALANCING TO ACHIEVE OPTIMAL PUMP
2. M.C. TO FURNISH. E.C. TO INSTALL AND WIRE VFDS.

EXPANSION TANK SCHEDULE

EQUIPMENT BASED ON: TACO

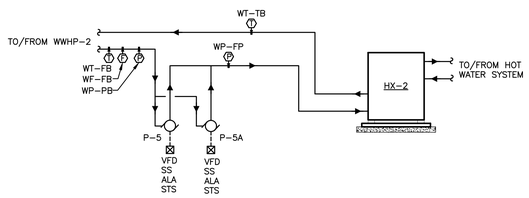
UNIT NO.	SERVICE	LOCATION	MANUFACTURER'S MODEL NO.	OPERATING WEIGHT (LBS)	DIMENSIONS, INCHES (DIAM X H)	TANK VOLUME, GALLONS	TANK ACCEPTANCE VOLUME, GALLONS	FILL PRESSURE, PSIG	REMARKS
ET-5	SOURCE TO WWHP	PUMP ROOM	CA-90	312	20x29	23	23	12	SEE NOTES

NOTES:
1. TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND VESSEL CODE AMD STAMPED FOR 125 PSIG WORKING PRESSURE.
2. RELIEF VALVE SHALL BE SET AT 50 PSIG.

AIR SEPARATOR SCHEDULE

TAG	SERVICE	FLUID	EWT (°F)	GPM	MAX PD (FT)	PIPE CONNECTION SIZE (IN.)	DESIGN BASIS
AS-5	SOURCE TO WWHP	--	112	300	3.0	5	TACO AC05F

NOTES:
BASIS OF DESIGN HEAT PUMP (TRANE) HAS A BUILT IN SOURCE LOOP HEAT EXCHANGER. IN THE EVENT AN EQUIVALENT HEAT PUMP MANUFACTURER IS SELECTED, SKID PACKAGE #2 IS TO BE PROVIDED TO ISOLATE THE SOURCE AND BUILDING LOOPS.



1 OPTIONAL HOT WATER HEAT EXCHANGER SYSTEM CONTROL SCHEMATIC
N.T.S.

CONTROL POINTS SCHEDULE

OPTIONAL – HOT WATER PUMPS POINTS LIST		INPUTS: ANALOG								INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL								SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING								SYSTEM SOFTWARE/CONTROL: APPLICATION										
SYSTEM COMPONENT:	ABBREVIATION:	POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	–	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	–	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	–	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED	WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	SETPOINT	LEAD/LAG OPERATION	–
HOT WATER PUMPS	P-6/P-6A								●																							●	●	●	●				●	●		
HOT PUMP VFD'S	VFD								●					●																					●								
HOT PUMPS START/STOP	SS																		●																●								
HOT PUMPS ALARM	ALA											●																		●					●								
HOT PUMPS STATUS	STS																													●					●								
HOT WATER TEMPERATURE – FROM BUILDING	WT-FB	●																						●	●										●								
HOT WATER PRESSURE – FROM BUILDING	WP-FB		●																					●	●										●								
HOT WATER TEMPERATURE – TO BUILDING	WT-TB	●																						●	●										●	●							
HOT WATER PRESSURE – FROM PUMPS	WP-FP		●																					●	●										●	●							
HOT WATER FLOW – FROM BUILDING	WF-FB			●																				●											●								

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. ON CALL FOR HEAT IN THE HEATING SYSTEM, THE HOT WATER PUMP SHALL ENERGIZE. THE PUMP SHALL RUN TO MAINTAIN THE SET FLOW AND PRESSURE POINT (ADJ.).
3. ONCE THE CALL FOR HEATING HAS BEEN SATISFIED, THE HOT WATER PUMP SHALL DE-ENERGIZE.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD-LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).

SKID PACKAGE EQUIPMENT #3 (OPTIONAL DESIGN)

HOT WATER TO GYLCOL HEAT EXCHANGER SCHEDULE (15% PG)

MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	MANUFACTURER	MODEL #	MAX	HOT SIDE				COLD SIDE				REMARKS
						PRESSURE	FLOW	EWT	LWT	WPD	FLOW	EWT	LWT	WPD	
							GPM	°F	°F	PSI	GPM	°F	°F	PSI	
HX-3	1ST FLOOR MER	WWHP-2	PLATE & FRAME	ALFA	AQ4L-FG	150	220	54	44	9.3	220	52	42	9.7	SEE NOTES

NOTES:
1. PLATE FRAME HEAT EXCHANGER TO BE PART OF SKID PACKAGE.
2. SEE PUMP SCHEDULE AS PART OF THIS SKID PACKAGE.
3. HEAT EXCHANGER PACKAGE COMPLETE WITH EXPANSION TANK AND AIR SEPERATOR.

PUMP SCHEDULE

UNIT NO.	LOCATION	SYSTEM	MANUFACTURER	MODEL #	CIRCULATING FLUID					MOTOR HP	MOTOR RPM	IMPELLER DIA. (IN.)	MIN. EFF. (%)	ELECTRICAL DATA		REMARKS
					FLUID	SPEC. GRAVITY	TEMP (F)	GPM	HEAD (FT.)					VOLT	PHASE	
P-6/6A	1ST FLOOR MER	HX-3 TO WWHP-2 LEAD / LAG	TACO	2507D	15% PG	1.015	42-52	220	40	5	1760	6.7	75	460	3	SEE NOTES

NOTES:
1. IMPELLER DIAMETER INDICATED IS APPROXIMATE. FINAL IMPELLER DIAMETER TO BE DETERMINED BY PUMP MFTR. CONTRACTOR SHALL TRIM IMPELLER AFTER INITIAL FLOW BALANCING TO ACHIEVE OPTIMAL PUMP
2. M.C. TO FURNISH. E.C. TO INSTALL AND WIRE VFDS.

EXPANSION TANK SCHEDULE

EQUIPMENT BASED ON: TACO

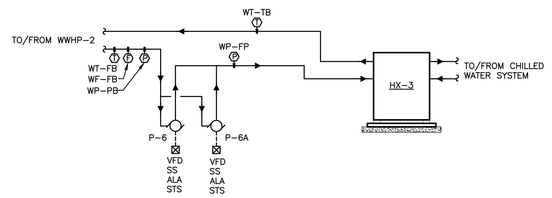
UNIT NO.	SERVICE	LOCATION	MANUFACTURER'S MODEL NO.	OPERATING WEIGHT (LBS)	DIMENSIONS, INCHES (DIAM X H)	TANK VOLUME, GALLONS	TANK ACCEPTANCE VOLUME, GALLONS	FILL PRESSURE, PSIG	REMARKS
ET-6	SOURCE TO WWHP	PUMP ROOM	CA-90	312	20x29	23	23	12	SEE NOTES

NOTES:
1. TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND VESSEL CODE AMD STAMPED FOR 125 PSIG WORKING PRESSURE.
2. RELIEF VALVE SHALL BE SET AT 50 PSIG.

AIR SEPARATOR SCHEDULE

TAG	SERVICE	FLUID	EWT (°F)	GPM	MAX PD (FT)	PIPE CONNECTION SIZE (IN.)	DESIGN BASIS
AS-6	SOURCE TO WWHP	--	52	220	3.0	4	TACO AC04F

NOTES:
BASIS OF DESIGN HEAT PUMP (TRANE) HAS A BUILT IN SOURCE LOOP HEAT EXCHANGER. IN THE EVENT AN EQUIVALENT HEAT PUMP MANUFACTURER IS SELECTED, SKID PACKAGE #3 IS TO BE PROVIDED TO ISOLATE THE SOURCE AND BUILDING LOOPS.



2 OPTIONAL CHILLED WATER HEAT EXCHANGER SYSTEM CONTROL SCHEMATIC
N.T.S.

CONTROL POINTS SCHEDULE

OPTIONAL – CHILLED WATER PUMPS POINTS LIST		INPUTS: ANALOG								INPUTS: DIGITAL			OUTPUTS: ANALOG				OUTPUTS: DIGITAL								SYSTEM SOFTWARE/CONTROL: ALARM PROCESSING								SYSTEM SOFTWARE/CONTROL: APPLICATION										
SYSTEM COMPONENT:	ABBREVIATION:	POSITION	TEMPERATURE	PRESSURE	FLOW	HUMIDITY	PARTS PER MILLION	PERCENT OPEN	SPEED	STATUS	OPEN/CLOSED	ALARM	–	SPEED COMMAND	VALVE POSITION	DAMPER POSITION	PID MODULATION	–	START/STOP	OPEN/CLOSE	ON/OFF	ENABLE/DISABLE	SETPOINT	–	HIGH LIMIT	LOW LIMIT	OPEN	CLOSED	STATUS	SAFETIES	–	SCHEDULE	TEMPERATURE RESET	FULL COMMUNICATION	TRENDING	OCCUPIED/UNOCCUPIED	WITH OVERRIDE	WARMUP/PRE-COOL	DIFFERENTIAL PRESSURE	SETPOINT	LEAD/LAG OPERATION	–
CHILLED WATER PUMPS	P-5/P-5A								●																							●	●	●	●				●	●		
CHILLED PUMP VFD'S	VFD								●					●																					●								
CHILLED PUMPS START/STOP	SS																		●																●								
CHILLED PUMPS ALARM	ALA											●																		●					●								
CHILLED PUMPS STATUS	STS																													●					●								
CHILLED WATER TEMPERATURE – FROM BUILDING	WT-FB	●																						●											●								
CHILLED WATER PRESSURE – FROM BUILDING	WP-FB		●																					●	●										●								
CHILLED WATER TEMPERATURE – TO BUILDING	WT-TB	●																						●	●										●	●							
CHILLED WATER PRESSURE – FROM PUMPS	WP-FP		●																					●	●										●	●							
CHILLED WATER FLOW – FROM BUILDING	WF-FB			●																				●											●								

SEQUENCE OF OPERATION:

PROVIDE A COMPLETE SYSTEM TO PERFORM THE FOLLOWING FUNCTIONS:

1. SEE POINT SCHEDULE FOR ALL SYSTEM FUNCTIONS, S/S, STATUS, CONTROL, ETC.
2. ON CALL FOR COOLING IN THE CHILLING WATER COOLING SYSTEM, THE CHILLED WATER PUMP SHALL ENERGIZE. THE PUMP SHALL RUN TO MAINTAIN THE SET FLOW AND PRESSURE POINT (ADJ.).
3. ONCE THE CALL FOR COOLING HAS BEEN SATISFIED, THE CHILLED WATER PUMP SHALL DE-ENERGIZE.
4. THE PUMPS SHALL ALTERNATE USAGE IN A LEAD-LAG CONFIGURATION, ALTERNATING ONCE PER WEEK (ADJ.).

ARCHITECT
ksq design
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidelic.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

JOHN D. FELLENZER, P.E.
STATE OF NEW YORK — JOHN DAVID FELLENZER — 049373 — LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER NO. 049373-1 ISSUED 1992, EXP. 9/28

SUCF Project No. 081056-00

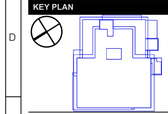
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: N.T.S
SHEET NAME: HVAC OPTIONAL DESIGN SCHEDULES
SHEET NUMBER: H-803

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL SYMBOLS

COLD WATER SUPPLY	
HOT WATER SUPPLY	
HOT WATER RETURN	
SAN	SANITARY WASTE LINE
V	SANITARY VENT PIPING
ST	STORM LINE
	PIPING TO BE REMOVED
	CAP OR PLUG
	CHECK VALVE
	BALANCING VALVE
	BALL VALVE
DPCO	DECK PLATE CLEAN OUT
FD	FLOOR DRAIN
WHA	WATER HAMMER ARRESTOR
	PIPE DROP
	PIPE RISE
	SHUT OFF VALVE
	POINT OF CONNECTION
	POINT OF DISCONNECTION

ABBREVIATIONS

ACLG	ABOVE CEILING
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
BFG	BELOW FINISH GRADE
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
C	CEILING
CU	COPPER
CW	COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DWG	DRAWING
(E)	EXISTING TO REMAIN
EXTR	EXTERIOR
EWC	ELECTRIC WATER COOLER
F	FUSE
FA	FIRE ALARM
FLA	FULL LOAD AMPERES
FT	FEET
KVA	KILOVOLT AMPERES
KW	KILOWATTS
MCA	MINIMUM CIRCUIT AMPCITY
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MOP	MAXIMUM OVER-CURRENT PROTECTION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
P	POLE
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PWR	POWER
QTY	QUANTITY
TYP	TYPICAL
TYP	TYPICAL

GENERAL NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, AND SPECIALTIES. EXACT LOCATION AND ROUTINGS SHALL BE DETERMINED IN THE FIELD IN THE FIELD BEFORE AND AS WORK PROGRESSES.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF ANY WORK. ANY REQUIRED CHANGES TO WORK SHOWN ON DRAWINGS SHALL BE COORDINATED WITH ARCHITECT/ENGINEER AND OTHER TRADES PRIOR TO CONSTRUCTION.
3. DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION, ETC. WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL PROVIDE FOR SUCH CHANGES IN PIPING OR EQUIPMENT LOCATIONS AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND THE WORK OF OTHER CONTRACTS.
4. THE WORK INCLUDED IN THIS CONTRACT ENCOMPASSES BOTH THE DRAWINGS AND SPECIFICATIONS. WORK INCLUDED ON THGE DRAWINGS ONLY, OR IN THE SPECIFICATIONS ONLY, SHALL BE INCORPORATED AS IF INCLUDED IN BOTH. SYSTEMS ARE INTENDED TO BE COMPLETE AND FULLY FUNCTIONING. THE CONTRACTOR SHALL PROVIDE SUCH COMPONENTS AS NECESSARY FOR A FULLY FUNCTIONING SYSTEM.
5. COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF OTHER CONTRACTS. PHASE INSTALLATION OF EQUIPMENT AND PIPING TO ENSURE CONSTRUCTABILITY, AND THAT CONSTRUCTION PROCEEDS IN AN ORGANIZED, EFFICIENT, AND ORDERLY MANNER. PIPING TO BE SLOPED SHALL TAKE PRECEDENCE OVER PRESSURE PIPING, DUCTWORK, AND EQUIPMENT LOCATIONS.
6. CONTRACTOR SHALL SEAL ALL PIPING PENETRATIONS IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE AND NFPA.
7. EXCEPT AS NOTED IN SPECIFICATIONS, ALL CUTTING AND PATCHING OF BUILDING COMPONENTS REQUIRED TO ACCOMMODATE THE WORK OF THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL PATCHING SHALL MATCH THE EXISTING COMPONENTS AND FINISHES. CUTTING AND PATCHING WORK SHALL BE PERFORMED BY PERSONNEL TRAINED AND REGULARLY EMPLOYED FOR SUCH SERVICES.
8. ALL HORIZONTAL DRAINAGE SHALL BE SLOPED AT MINIMUM OF 1/4" PER FOOT FOR PIPING 2-1/2" OR LESS, AND 1/8" PER FOOT FOR 3" TO 6" PIPING.
9. INSTALL ALL PIPING, EQUIPMENT, AND SPECIALTIES TO ALLOW MAXIMUM CLEARANCE AND AVOID INTERFERENCE WITH THE OPERATION AND MAINTENANCE OF ALL EQUIPMENT, NEW OR EXISTING. DO NOT INSTALL ANYTHING ABOVE OR WITHIN 3 FT. IN FRONT OF ELECTRICAL GEAR.
10. CONTRACTOR SHALL PROVIDE NECESSARY SUPPORT FRAMING, STIFFENERS, BRACING, AND HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE AND DURABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS AS REQUIRED BY ACTUAL EQUIPMENT FURNISHED OR BY FIELD CONDITIONS.
11. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS MANUAL OR MANUFACTURER'S REPRESENTATIVE'S WRITTEN INSTRUCTIONS.
12. CONTRACTOR SHALL PROVIDE BALL TYPE SHUT-OFF VALVES IN ALL PIPING BRANCH TAKE-OFFS FROM THE DOMESTIC WATER SUPPLY MAIINS, WHETHER SHOWN OR NOT, FOR ISOLATION AND SERVICE TO SYSTEM.
13. THE CONTRACTOR SHALL BE CERTIFIED IN LEAD SAFETY FOR LEAD RENOVATION, REPAIR AND PAINTING.

GENERAL DEMOLITION NOTES

1. PERFORM DEMOLITION IN AN ORGANIZED AND CAREFUL MANNER. LEAVE AREAS UNDER DEMOLITION CLEAN AND ORDERLY AT THE END OF EACH SHIFT.
2. CONTRACTOR IS RESPONSIBLE TO PROPERLY DRAIN OR DISCHARGE PLUMBING SYSTEMS PRIOR TO START OF DEMILITION. COORDINATE WITH OWNER AND ALL APPLICABLE CODES FOR WASTE FLUID DISPOSAL.
3. PROTECT BUILDING OR SYSTEM COMPONENTS SCHEDULED TO REMAIN. PROVIDE FOR REPAIRS TO EXISTING BUILDING OR SYSTEM COMPONENTS IMPACTED BY DEMOLITION UNDER THIS CONTRACT.
4. MINIMIZE INTERFERENCE TO OWNER OCCUPIED AREA OR AREAS NOT INCLUDED IN SCOPE OF WORK THROUGHOUT DEMOLITION PHASE.
5. COORDINATE DEMOLITION WORK OF THIS CONTRACT WITH WORK OF OTHER CONTRACTS AND THE OWNER. COORDINATE WITH ASBESTOS ABATEMENT CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK.
6. IDENTIFY ANY REMAINING OR ABANDONED UTILITIES WITHIN DEMOLITION AREAS. IDENTIFICATION TAGS SHALL BE IN ACCORDANCE WITH PLUMBING IDENTIFICATION SPECIFICATION.
7. REMOVE ALL DEMOLISHED MATERIALS FROM THE WORK SITE AS WORK PROGRESSES UNLESS NOTED OTHERWISE. OWNER RETAINS THE RIGHT TO KEEP ANY MATERIALS OR EQUIPMENT REMOVED, TURN OVER SUCH ITEMS TO OWNER UPON REQUEST.
8. COMPLETELY REMOVE ABANDONED PIPING OR EQUIPMENT AS SHOWN ON DRAWINGS. BRANCH WORK TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED BACK TO POINT OF DISCONNECTION.
9. BLANK OFF, PLUG, OR CAP BRANCH PIPING TO BE DEMOLISHED AT THE POINT OF DISCONNECTION FROM MAIN.
10. COMPLETELY REMOVE PIPE HANGERS, STRAPS, CLAMPS, SUPPORTS AND PADS ASSOCIATED WITH PIPING OR EQUIPMENT BEING DEMOLISHED.

WATER HAMMER ARRESTORS

1. WATTS SG-SERIES, WH-201 PDI APPROVED
2. SIZE SCHEDULE & SYMBOL:
   - #5005 "A" 1-11 FIXTURE UNITS
   - #5010 "B" 12-32 FIXTURE UNITS
   - #5020 "C" 33-60 FIXTURE UNITS
   - #5030 "D" 61-110 FIXTURE UNITS
   - #5040 "E" 114-154 FIXTURE UNITS
   - #5050 "F" 155-330 FIXTURE UNITS
3. INSTALL WHERE SHOWN ON DRAWINGS PER TYPE DESIGNATED.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CASEZA · 090155 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

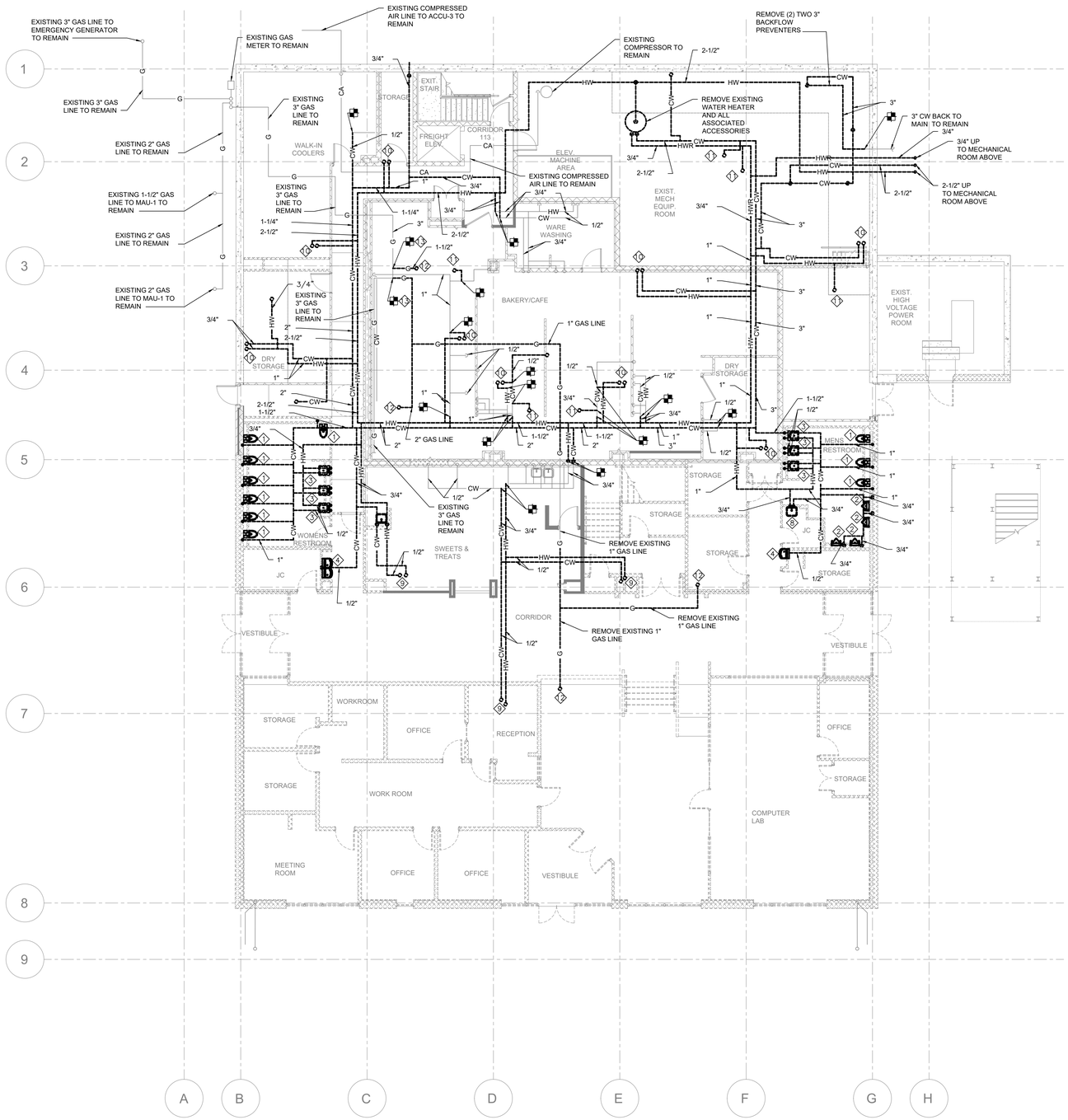
SCALE: As indicated

SHEET NAME:
LEGEND AND NOTES

SHEET NUMBER:
P-100

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR DOMESTIC WATER AND GAS PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES:

1. REMOVE WATER CLOSET, FLUSH VALVE, AND ALL ASSOCIATED ACCESSORIES. REMOVE WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAINS.
2. REMOVE URINAL, FLUSH VALVE, AND ALL ASSOCIATED ACCESSORIES. REMOVE WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAINS.
3. REMOVE LAVATORY, FAUCET, AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, DOMESTIC HOT WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAIN.
4. REMOVE DRINKING FOUNTAIN AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAINS.
5. REMOVE FLOOR DRAIN AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
6. REMOVE CLEAN OUT AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
7. REMOVE SINK, FAUCET, AND ALL ASSOCIATED ACCESSORIES. REMOVE WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, DOMESTIC HOT WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAINS.
8. REMOVE MOP SINK, FAUCET, AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER PIPING, DOMESTIC HOT WATER PIPING, SANITARY PIPING, VENT PIPING, AND ALL ASSOCIATED ACCESSORIES BACK TO MAINS.
9. REMOVE 1/2" COLD WATER AND 1/2" HOT WATER LINES UP AND ALL ASSOCIATED ACCESSORIES.
10. REMOVE 3/4" COLD WATER AND 3/4" HOT WATER LINES UP AND ALL ASSOCIATED ACCESSORIES.
11. REMOVE 3/4" WATER LINE UP AND ALL ASSOCIATED ACCESSORIES.
12. REMOVE GAS LINE UP TO SECOND FLOOR AND ALL ASSOCIATED ACCESSORIES.

DEMOLITION LEGEND:

- EXISTING LINE TO REMAIN
- EXISTING LINE TO BE REMOVED
- POINT OF DISCONNECT

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Engineer

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J CAREY · LICENSED · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

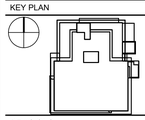
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

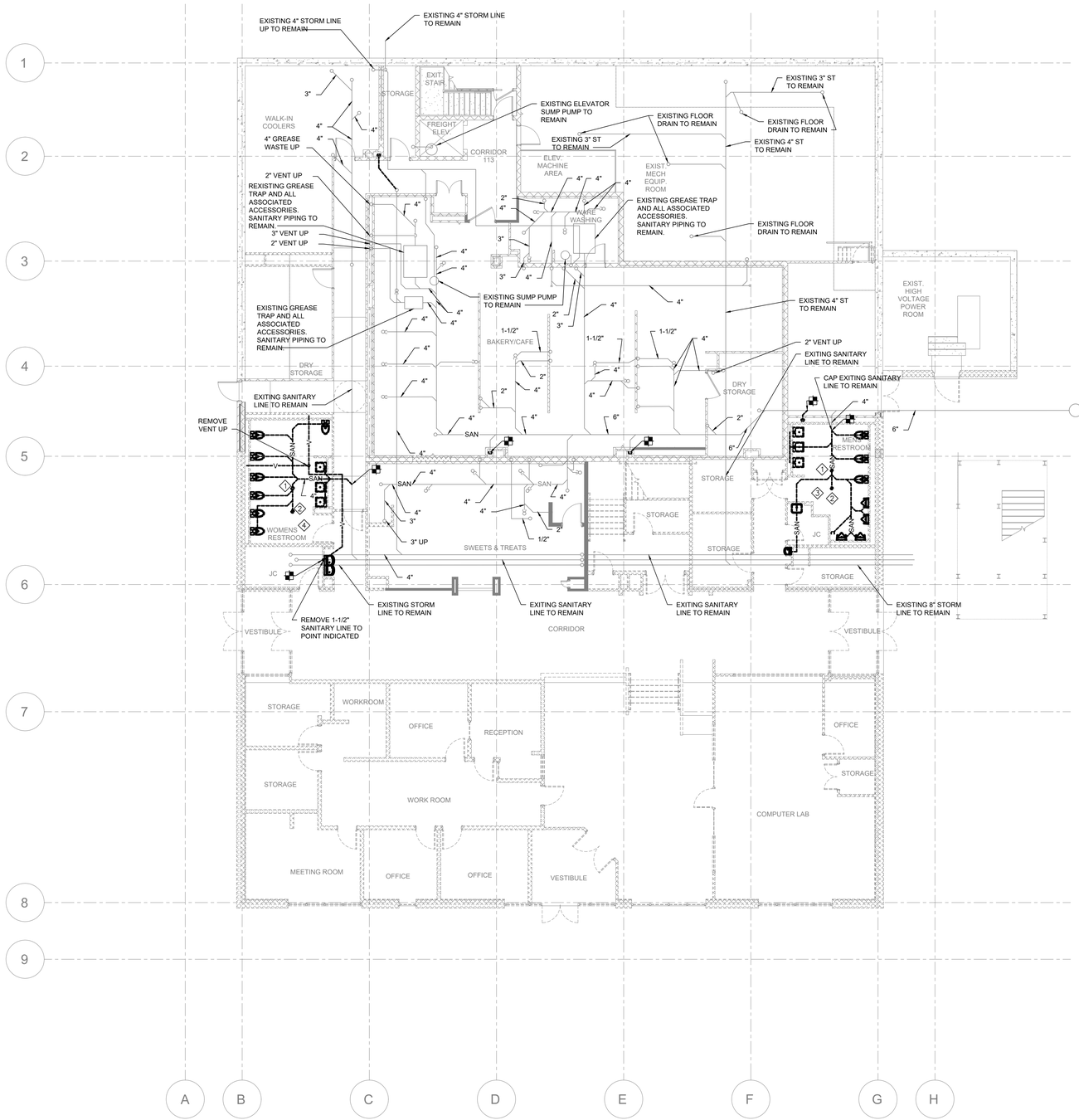
ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: FIRST FLOOR DOMESTIC WATER AND GAS DEMOLITION PLAN
SHEET NUMBER: PD-100

BID SET

DRAWN BY: Author
CHECKED BY: Checker
C:\Revit Local Files\Renovate Peregrine Dining Hall_jmyers@KSQ_233960.00 SUNY New Paltz Dining Hall_jmyersMATX.rvt
1/26/2024 6:07:22 PM

PROJECT NUMBER: 00000.00

COPYRIGHT © 2024 KSQ ARCHITECTS, PC



1 FIRST FLOOR UNDER SLAB PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES:

1. REMOVE FLOOR DRAIN AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
2. REMOVE CLEAN OUT AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
3. REMOVE SANITARY LINES AND VENT LINES SERVING THE LAVATORIES, WATER CLOSETS, URINALS, MOP SINK AND DRINKING FOUNTAINS IN THIS LOCATION. REMOVE SANITARY PIPE AND VENT PIPING BACK TO MAINS AND CAP. MAINS TO REMAIN.FIELD VERIFY EXACT LOCATION OF SANITARY PIPING. COORDINATE WITH C CONTRACTOR FOR SLAB REMOVAL IN THIS AREA.
4. REMOVE SANITARY LINES AND VENT LINES SERVING THE LAVATORIES, WATER CLOSETS, AND DRINKING FOUNTAINS IN THIS LOCATION. REMOVE SANITARY PIPE AND VENT PIPING BACK TO MAINS AND CAP. MAINS TO REMAIN.FIELD VERIFY EXACT LOCATION OF SANITARY PIPING. COORDINATE WITH C CONTRACTOR FOR SLAB REMOVAL IN THIS AREA.

DEMOLITION LEGEND:

- EXISTING LINE TO REMAIN
- EXISTING LINE TO BE REMOVED
- POINT OF DISCONNECT

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.759.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Engineer

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J CABEZAS · LICENSED PROFESSIONAL ENGINEER · 090170 · DO NOT ALTER

SUCF Project No. 081056-00

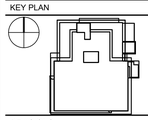
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
FIRST FLOOR UNDER SLAB DEMOLITION PLAN
SHEET NUMBER:

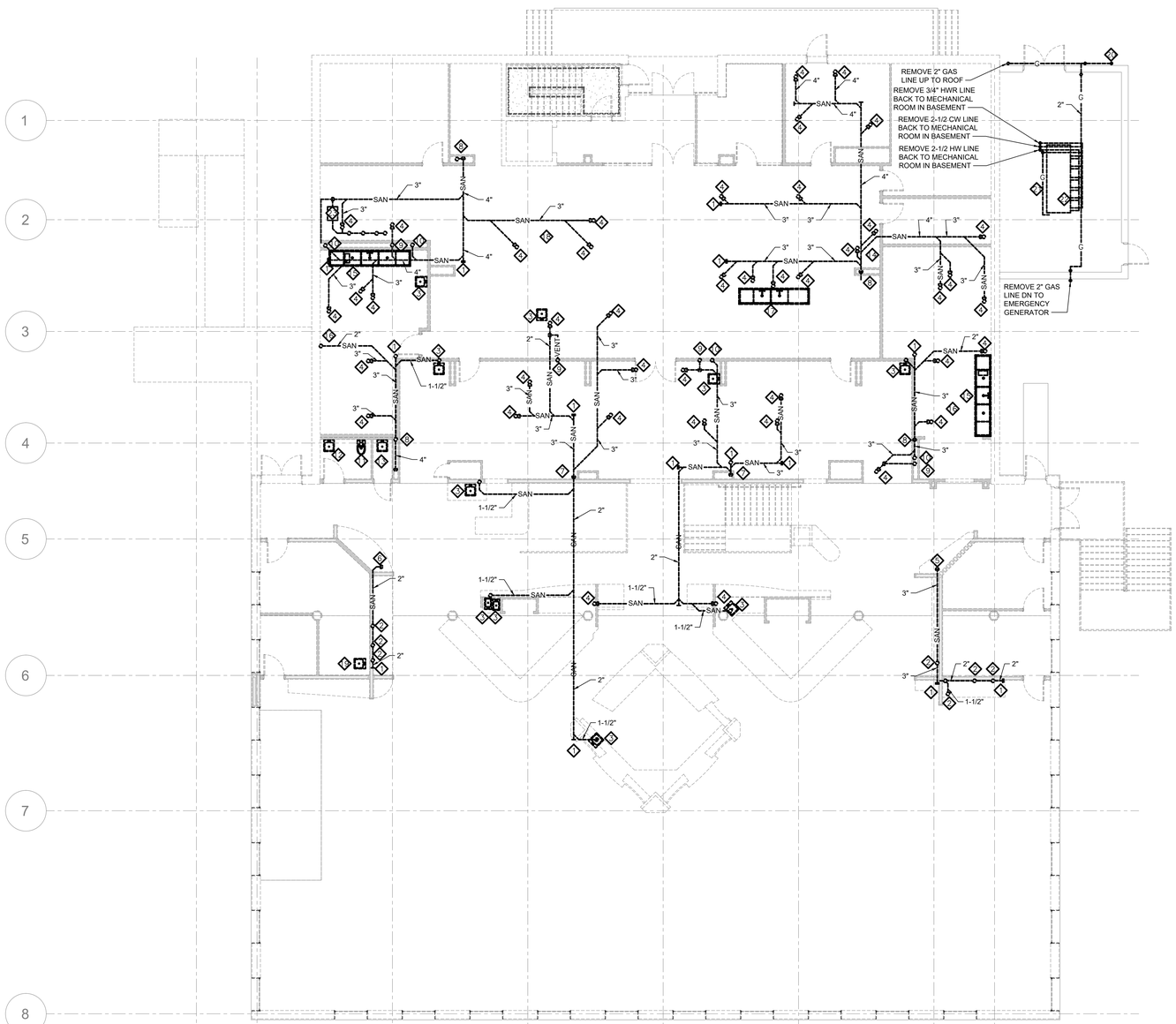
PD-101

BID SET

DRAWN BY: Author
CHECKED BY: Checker
C:\Revit Local Files\Central Files\R23_233900 I:00 SUNY New Paltz Dining Hall_jmyers@KSQ.rvt
1/26/2024 6:07:22 PM

PROJECT NUMBER: 00000.00

COPYRIGHT © 2024 KSQ ARCHITECTS, PC



1 SECOND FLOOR BELOW FLOOR DRAINAGE PLAN – DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES:

1. REMOVE CLEAN OUT AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
2. REMOVE 1-1/2" SANITARY LINE UP TO EQUIPMENT AND ALL ASSOCIATED ACCESSORIES.
3. REMOVE 1-1/2" SANITARY LINE UP TO SINK AND ALL ASSOCIATED ACCESSORIES.
4. REMOVE FLOOR DRAIN. REMOVE 1-1/2" SANITARY LINE UP TO FLOOR DRAIN AND ALL ASSOCIATED ACCESSORIES.
5. REMOVE 3" SANITARY LINE DOWN AND 3" VENT UP AND ALL ASSOCIATED ACCESSORIES.
6. REMOVE 2" SANITARY LINE DOWN AND 2" VENT UP AND ALL ASSOCIATED ACCESSORIES.
7. REMOVE 3" SANITARY DOWN AND ALL ASSOCIATED ACCESSORIES.
8. REMOVE 4" DOWN AND 3" VENT UP AND ALL ASSOCIATED ACCESSORIES.
9. REMOVE VENT RISER AND ALL ASSOCIATED ACCESSORIES.
10. REMOVE SANITARY UP AND ALL ASSOCIATED ACCESSORIES.
11. REMOVE WATER CLOSET, COLD WATER LINE, SANITARY LINE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES.
12. REMOVE LAVATORY, HOT WATER LINE, COLD WATER LINE, SANITARY LINE, VENT LINE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES.
13. REMOVE MOP SINK, HOT WATER LINE, COLD WATER LINE, SANITARY LINE, VENT LINE, AND ALL ASSOCIATED ACCESSORIES.
14. REMOVE WATER LINE AND ALL ASSOCIATED ACCESSORIES FROM THE ICE MACHINE BACK TO MAIN ON THE FIRST FLOOR.
15. REMOVE 3 BAY SINK, FAUCETS, COLD WATER LINE, HOT WATER LINE, SANITARY LINE, VENT LINE AND ALL ASSOCIATED ACCESSORIES.
16. REMOVE WATER LINE AND ALL ASSOCIATED ACCESSORIES FROM THE DISHWASHER BACK TO THE MAIN ON THE FIRST FLOOR.
17. REMOVE 2 BAY SINK, FAUCETS, COLD WATER LINE, HOT WATER LINE, SANITARY LINE, VENT LINE AND ALL ASSOCIATED ACCESSORIES.
18. REMOVE GAS LINE, WATER LINE AND ALL ASSOCIATED ACCESSORIES FROM THE OVENS AND KETTLES BACK TO MAINS ON FIRST FLOOR.
19. REMOVE SINK, FAUCET, COLD WATER LINE, HOT WATER LINE, SANITARY LINE, VENT LINE, AND ALL ASSOCIATED ACCESSORIES. REMOVE COLD WATER LINE AND SANITARY LINE AND ALL ASSOCIATED ACCESSORIES FROM THE DISHWASHER.
20. REMOVE 2-1/2" GAS LINE BACK TO SHUT OFF VALVE APPROXIMATELY 12" ABOVE GRADE.
21. REMOVE 2" GAS LINE FROM MAIN TO BURNER AND ALL ASSOCIATED ACCESSORIES.
22. REMOVE 3/4" CW AND HW LINES FROM HEAT EXCHANGER IN BOILER. TYPICAL 6 LOCATIONS.
23. REMOVE GREASE SEPARATOR AND ALL ASSOCIATED ACCESSORIES.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Engineer

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABRERA · 099078 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

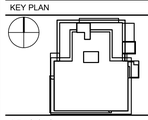
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
SECOND FLOOR BELOW FLOOR DRAINAGE DEMOLITION PLANS

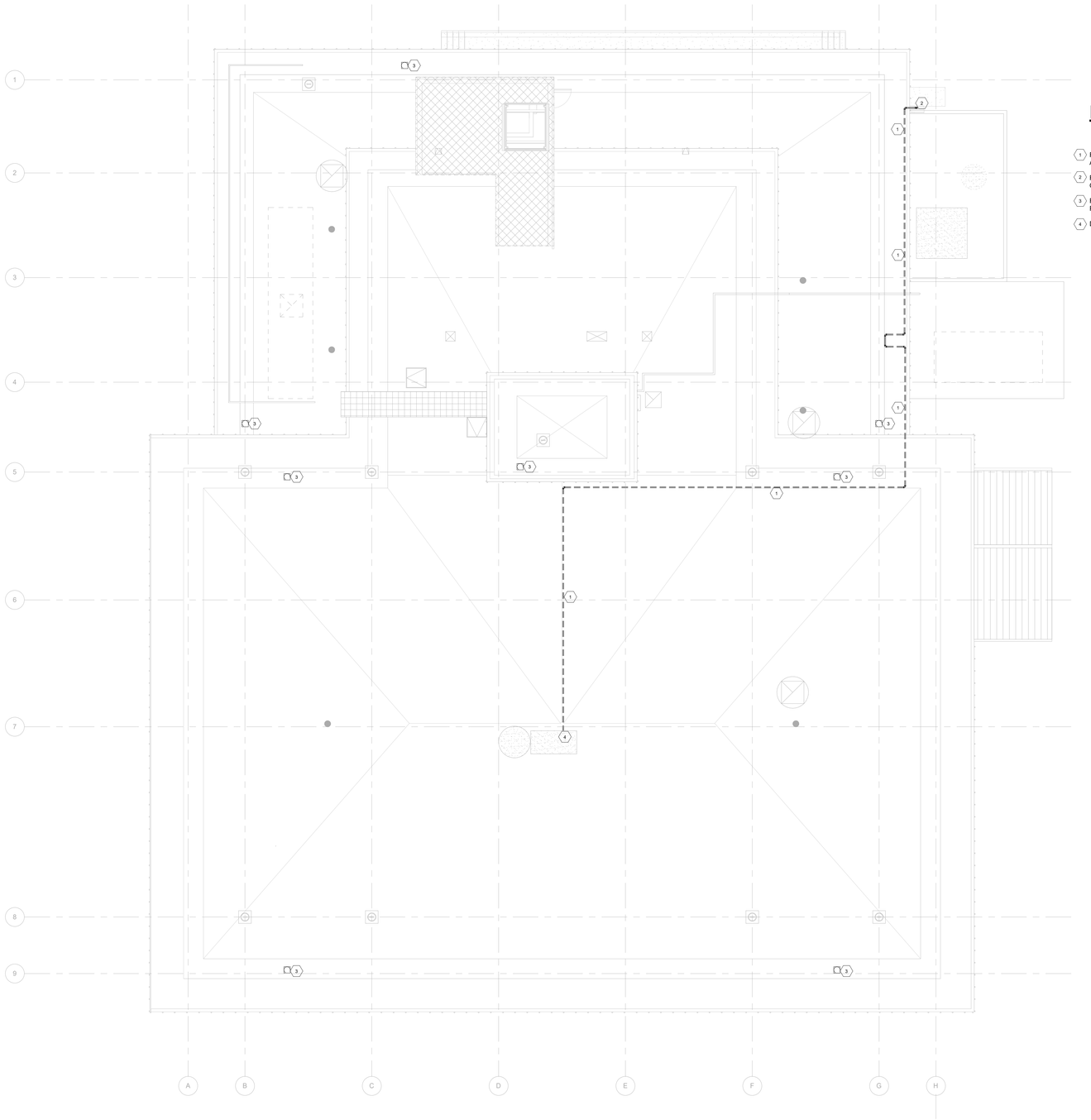
SHEET NUMBER:
PD-102

BID SET

DRAWN BY: Author
CHECKED BY: Checker
C:\Users\Author\Documents\Projects\P23_233900.00 SUNY New Paltz Dining Hall_myaeh56A7X.rvt
1/26/2024 6:07:22 PM

PROJECT NUMBER: 00000.00

COPYRIGHT © 2024 KSQ ARCHITECTS, PC



DEMOLITION KEY NOTES

1. REMOVE 2" GAS LINE, ROOF SUPPORTS AND ALL ASSOCIATED ACCESSORIES.
2. REMOVE 2" GAS LINE AND PIPE SUPPORTS DOWN TO SHUT OFF VAVLE.
3. REMOVE ROOF DRAIN AND ALL ASSOCIATED ACCESSORIE. ROOF DRAIN LEADER TO REMAIN.
4. DISCONNECT GAS LINE FROM MAKE UP AIR UNIT.

1 ROOF DEMO
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

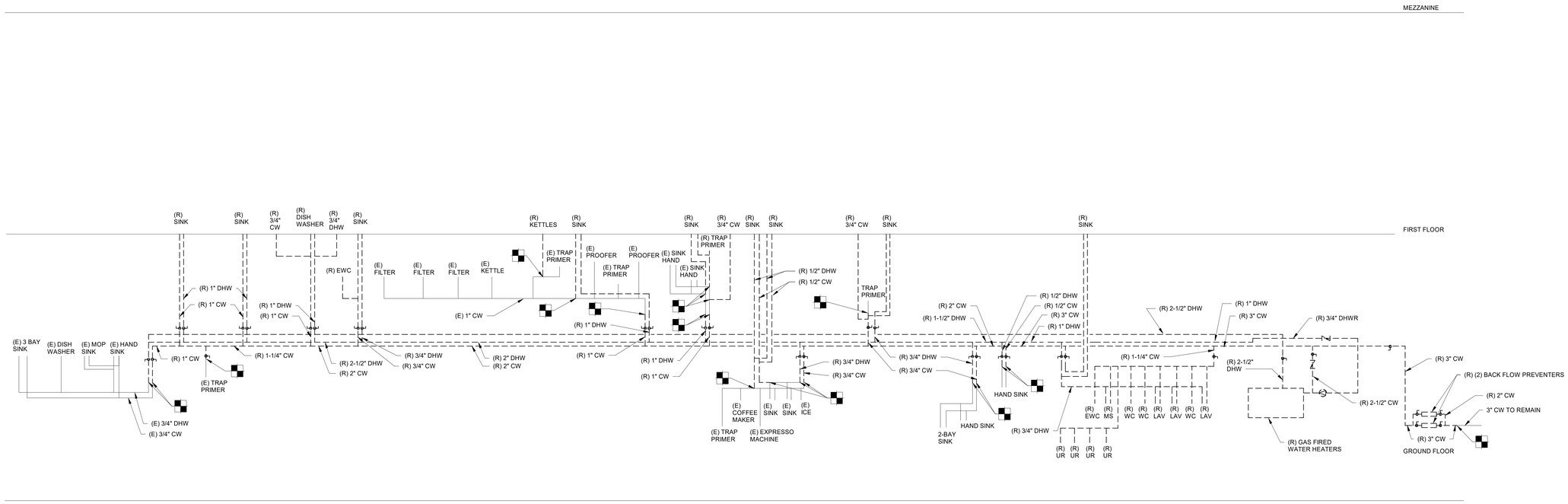
South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: ROOF DEMOLITION PLAN
SHEET NUMBER: PD-103

PROJECT NUMBER: Project Number COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 DOMESTIC WATER SCHEMATIC - REMOVALS

SCALE: N.T.S

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

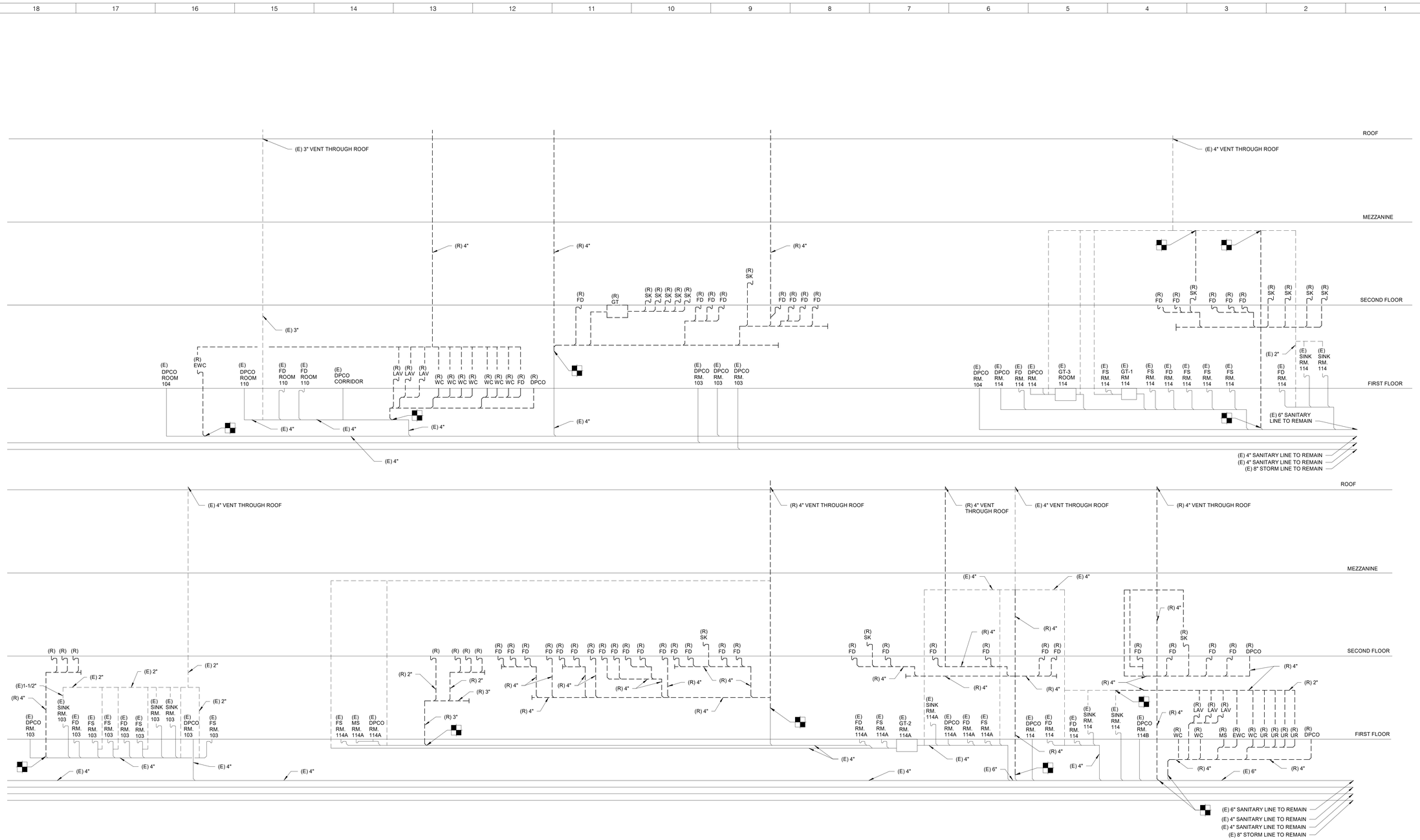
SCALE:

SHEET NAME:
DOMESTIC WATER SCHEMATIC - REMOVALS

SHEET NUMBER:
PD-800

PROJECT NUMBER: Project Number

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SANITARY SCHEMATIC - REMOVALS
SCALE: N.T.S

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090170 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

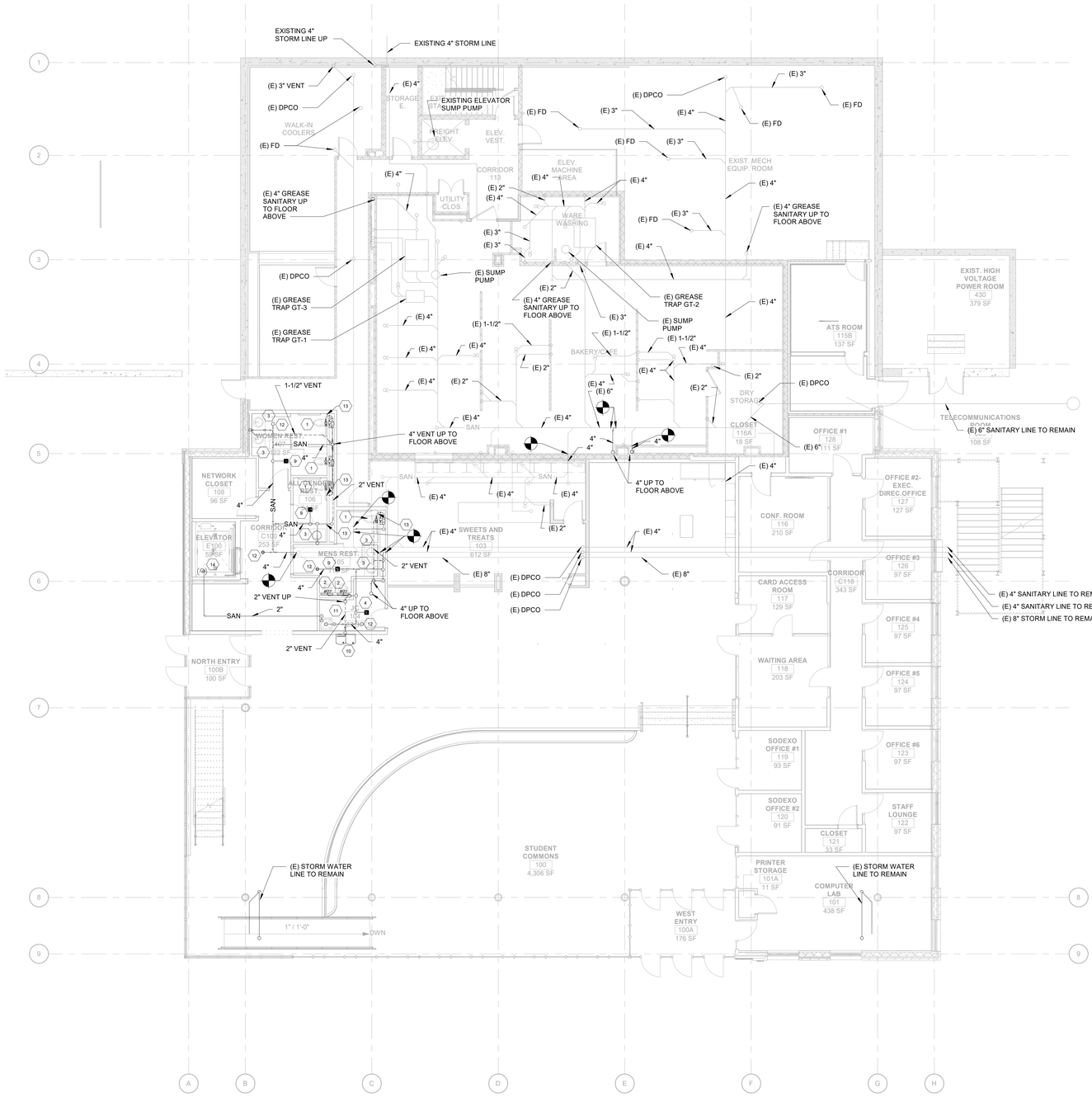
DATE: 8/17/26

SCALE:

SHEET NAME:
SANITARY - VENT SCHEMATIC REMOVALS

SHEET NUMBER:
PD-801

PROJECT NUMBER: Project Number
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR PLAN - SANITARY
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO THE FOOD SERVICE (QF) DRAWINGS FOR KITCHEN EQUIPMENT AND PIPING ROUGH-IN LOCATIONS AND SIZES.

KEYED NOTES

1. PROVIDE WATER CLOSET (WC-1), WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
2. PROVIDE URINAL (UR-1), WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 2" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
3. PROVIDE LAVATORY (LAV-1), WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1-1/2" SANITARY LINE TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE TO VENT MAIN.
4. PROVIDE FLOOR DRAIN, PROVIDE TRAP PRIMER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
5. HAND SINK AND FAUCET. PROVIDE 1-1/2" SANITARY LINE FROM HAND SINK TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM HAND SINK TO VENT MAIN.
6. SINK AND FAUCET. PROVIDE 1-1/2" SANITARY LINE FROM SINK TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM SINK TO VENT MAIN.
7. THREE BAY SINK AND FAUCETS. PROVIDE 3" INDIRECT WATE LINE FROM THREE BAY SINK TO SANITARY MAIN. PROVIDE 2" VENT LINE FROM INDIRECT WATE LINE TO VENT MAIN.
8. MOP SINK AND FAUCET. PROVIDE 3" SANITARY LINE FROM MOP SINK TO SANITARY MAIN. PROVIDE 2" VENT LINE FROM MOP SINK TO VENT MAIN.
9. PROVIDE FLOOR DRAIN (FD-1), TRAP PRIMER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
10. PROVIDE ELECTRIC WATER COOLER (EWC-1) AND WALL CARRIER. PROVIDE 1-1/2" SANITARY LINE FROM EWC TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM EWC TO VENT MAIN.
11. PROVIDE MOP SINK (MS-1). PROVIDE 3" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT TO VENT MAIN.
12. PROVIDE FLOOR CLEAN OUT (CO-1) AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO MAIN SANITARY LINE.
13. PROVIDE WALL CLEAN OUT (WCO-1) AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO MAIN SANITARY LINE.
14. PROVIDE SUMP PUMP (SP-1) AND CONTROL PANEL. PROVIDE 2" SANITARY LINE TO MAIN SANITARY LINE.
15. PROVIDE FLOOR SINK, PROVIDE TRAP PRIMER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZAS · 093178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

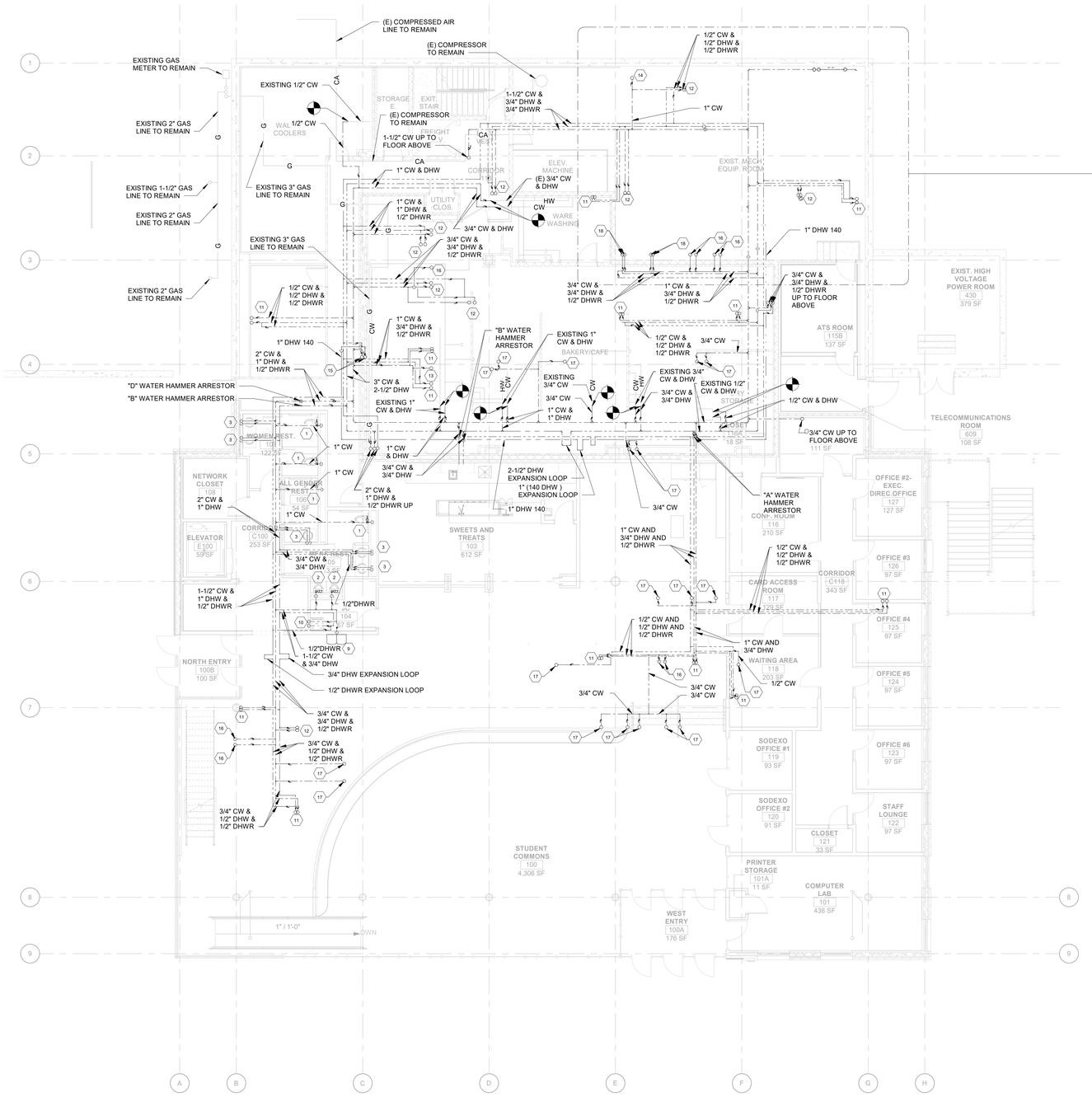
SCALE: 1/8" = 1'-0"

SHEET NAME:
FIRST FLOOR STORM - SAN - VENT

SHEET NUMBER:
P-101

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



GENERAL NOTES

1. REFER TO THE FOOD SERVICE (QF) DRAWINGS FOR KITCHEN EQUIPMENT AND PIPING ROUGH-IN LOCATIONS AND SIZES.

KEYED NOTES

1. PROVIDE WATER CLOSET (WC-1), FLUSH VALVE, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1" COLD WATER LINE TO COLD WATER MAIN.
2. PROVIDE URINAL (UR-1), FLUSH VALVE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3/4" COLD WATER LINE TO COLD WATER MAIN.
3. PROVIDE LAVATORY (LAV-1), FAUCET, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO WATER MAINS.
4. HAND SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM HAND SINK TO WATER MAINS.
5. SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM SINK TO WATER MAINS.
6. THREE BAY SINK AND FAUCETS. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM THREE (3) FAUCETS TO WATER MAINS.
7. MOP SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM MOP SINK TO WATER MAINS.
8. HOSE REEL. PROVIDE 3/4" COLD WATER FROM HOSE REEL TO COLD WATER MAIN.
9. PROVIDE ELECTRIC WATER COOLER (EWC-1) AND WALL CARRIER. PROVIDE 1/2" COLD WATER LINE FROM EWC TO COLD WATER MAIN.
10. PROVIDE MOP SINK (MS-1). PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO MAINS.
11. PROVIDE 1/2" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
12. PROVIDE 3/4" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
13. PROVIDE 3/4" COLD WATER LINE UP TO FLOOR ABOVE.
14. PROVIDE 1" COLD WATER LINE UP TO FLOOR ABOVE.
15. PROVIDE 1" COLD WATER AND 1" DOMESTIC HOT WATER UP TO DISHWASHER ON FLOOR ABOVE.
16. PROVIDE 3/4" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
17. PROVIDE 1/2" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
18. PROVIDE 1/2" COLD WATER AND 1/2" DOMESTIC HOT WATER LINES UP TO KITCHEN EQUIPMENT.
19. PROVIDE 1/2" COLD WATER LINE TO KITCHEN EQUIPMENT.

CW
DHW 120
DHW 140
DHWR

1 FIRST FLOOR PLAN - DOMESTIC WATER
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

EDWARD J. CASEY 090707 LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

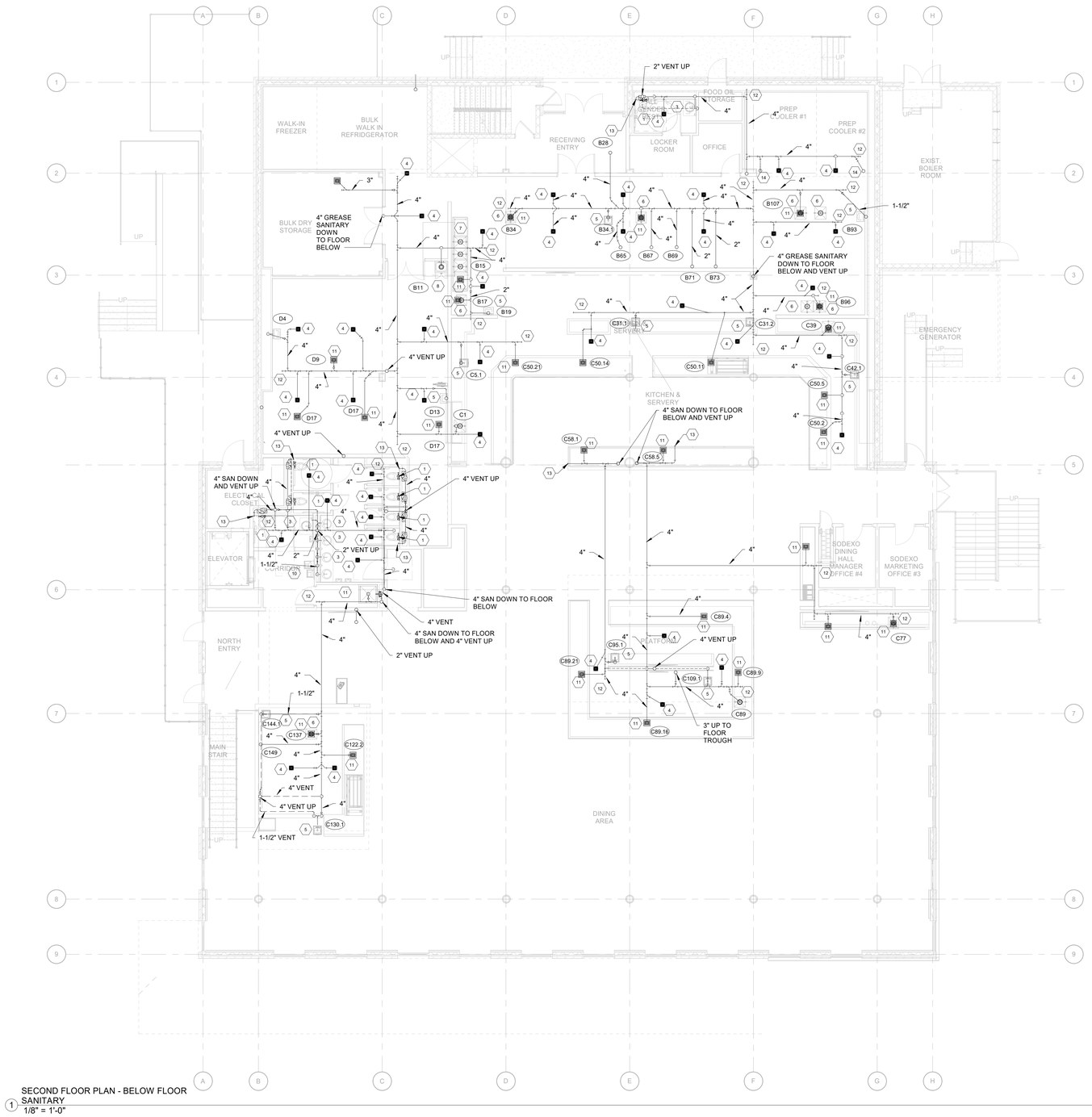
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME: FIRST FLOOR DOMESTIC WATER
SHEET NUMBER: P-102

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECOND FLOOR PLAN - BELOW FLOOR SANITARY
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO THE FOOD SERVICE (QF) DRAWINGS FOR KITCHEN EQUIPMENT AND PIPING ROUGH-IN LOCATIONS AND SIZES.

KEYED NOTES

1. PROVIDE WATER CLOSET (WC-1). WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
2. PROVIDE URINAL (UR-1), WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 2" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
3. PROVIDE LAVATORY (LAV-1), WALL CARRIER, P-TRAP AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1-1/2" SANITARY LINE TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE TO VENT MAIN.
4. PROVIDE FLOOR DRAIN. PROVIDE 4" P-TRAP, TRAP SEAL, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
5. HAND SINK AND FAUCET. PROVIDE 1-1/2" P-TRAP, 1-1/2 SANITARY LINE FROM HAND SINK TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM HAND SINK TO VENT MAIN.
6. SINK AND FAUCET. PROVIDE 1-1/2" P-TRAP. 1-1/2" SANITARY LINE FROM SINK TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM SINK TO VENT MAIN.
7. THREE BAY SINK AND FAUCETS. PROVIDE 3" INDIRECT WASTE LINE FROM THREE BAY SINK TO FLOOR SINK.
8. MOP SINK AND FAUCET. PROVIDE 1-1/2" P-TRAP, 1-1/2" SANITARY LINE FROM MOP SINK TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM MOP SINK TO VENT MAIN.
9. PROVIDE FLOOR DRAIN (FD-1), PROVIDE 4" P-TRAP, TRAP PRIMER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
10. PROVIDE ELECTRIC WATER COOLER (EWC-1). WALL CARRIER AND P-TRAP. PROVIDE 1-1/2" SANITARY LINE FROM EWC TO SANITARY MAIN. PROVIDE 1-1/2" VENT LINE FROM EWC TO VENT MAIN.
11. PROVIDE FLOOR SINK. PROVIDE P-TRAP, TRAP SEAL, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3" SANITARY LINE TO SANITARY MAIN. PROVIDE 2" VENT LINE TO VENT MAIN.
12. PROVIDE FLOOR CLEAN OUT (CO-1) AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN.
13. PROVIDE WALL CLEAN OUT (WCO-1) AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN.
14. PROVIDE 4" SANITARY LINE UP TO FUNNEL DRAIN. PROVIDE P-TRAP, TRAP SEALM, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SANITARY LINE TO SANITARY MAIN.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 099078

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

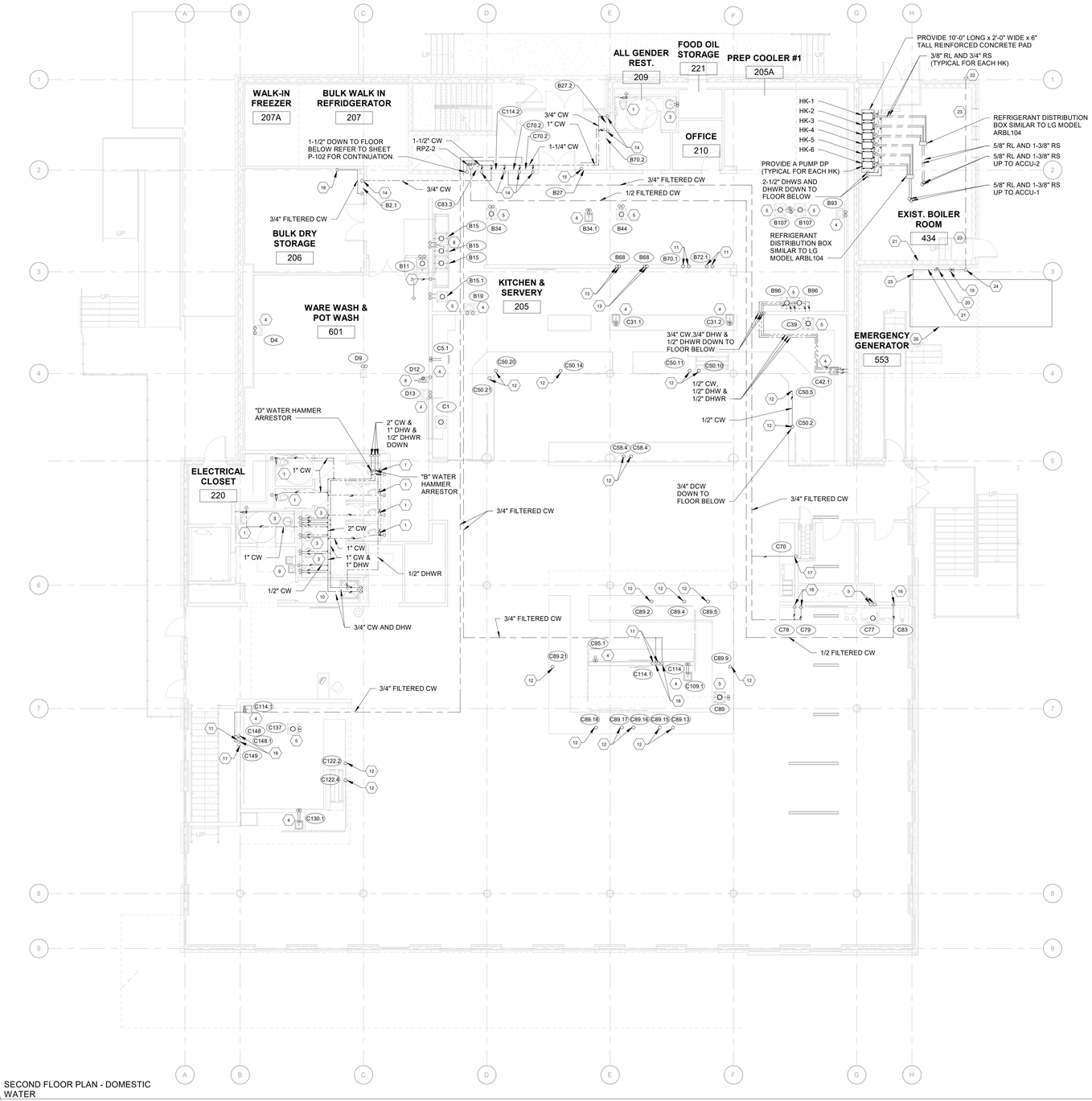
SHEET NAME:
SECOND FLOOR STORM - SAN - VENT

SHEET NUMBER:

P-103

BID SET

PROJECT NUMBER: Project Number COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECOND FLOOR PLAN - DOMESTIC WATER
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO THE FOOD SERVICE (QF) DRAWINGS FOR KITCHEN EQUIPMENT AND PIPING ROUGH-IN LOCATIONS AND SIZES.

KEYED NOTES

1. PROVIDE WATER CLOSET (WC-1). FLUSH VALVE, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1" COLD WATER LINE TO COLD WATER MAIN.
2. PROVIDE URINAL (UR-1), FLUSH VALVE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3/4" COLD WATER LINE TO COLD WATER MAIN.
3. PROVIDE LAVATORY (LAV-1). FAUCET, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO WATER MAINS.
4. HAND SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM HAND SINK DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
5. SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM SINK DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
6. THREE BAY SINK AND FAUCETS. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM THREE (3) FAUCETS DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
7. MOP SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM MOP SINK DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
8. HOSE REEL. PROVIDE 3/4" COLD WATER FROM HOSE REEL DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
9. PROVIDE ELECTRIC WATER COOLER (EWC-1) AND WALL CARRIER. PROVIDE 1/2" COLD WATER LINE FROM EWC TO COLD WATER MAIN.
10. PROVIDE MOP SINK (MS-1) AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM MOP SINK TO WATER MAINS.
11. KITCHEN EQUIPMENT. PROVIDE 3/4" COLD WATER LINE FROM KITCHEN EQUIPMENT DOWN TO FLOOR BELOW. REFERT TO P-102 FOR CONTINUATION.
12. KITCHEN EQUIPMENT. PROVIDE 1/2" COLD WATER LINE FROM KITCHEN EQUIPMENT DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
13. KITCHEN EQUIPMENT. PROVIDE 1/2" COLD WATER AND 1/2" DOMESTIC HOT WATER LINES FROM KITCHEN EQUIPMENT DOWN TO FLOOR BELOW. REFER TO P-102 FOR CONTINUATION.
14. PROVIDE 3/4" COLD WATER LINE DOWN TO WATER FILTRATION SYSTEM FURNISHED BY THE KITCHEN CONTRACTOR.
15. PROVIDE 3/4" FILTERED COLD WATER LINE DOWN TO ICE MAKER FURNISHED BY THE KITCHEN CONTRACTOR. PROVIDE 3/4" BALL VALVE IN THE LINE TO THE ICE MAKER.
16. PROVIDE 1/2" FILTERED COLD WATER LINE DOWN TO THE KITCHEN EQUIPMENT FURNISHED BY KITCHEN CONTRACTOR. PROVIDE 1/3" TO 3/8" FITTING PRIOR TO KITCHEN EQUIPMENT.
17. PROVIDE 1/2" FILTERED COLD WATER LINE DOWN TO THE KITCHEN EQUIPMENT FURNISHED BY KITCHEN CONTRACTOR.
18. PROVIDE 3/4" FILTERED COLD WATER LINE DOWN TO THE KITCHEN EQUIPMENT FURNISHED BY KITCHEN CONTRACTOR. PROVIDE 3/4" BALL VALVE BEFORE EACH PIECE OF KITCHEN EQUIPMENT.
19. PROVIDE 2" PLUG VALVE IN 2" HIGH PRESSURE GAS LINE.
20. PROVIDE 2" PRESSURE REGULATOR. PRESSURE OUTPUT 5 PSI. PROVIDE REGULATOR SIMILAR TO SENSUS MODEL 243-8-2 WITH INTERNAL RELIEF VALVE AND WITH SPRING 143-16-021-08.
21. RELOCATED FLOW METER FITTING IN THIS LOCATION OUTSIDE AND RELOCATED INTERNAL FLOW METER TO THIS LOCATION INSIDE.
22. PROVIDE 2" HIGH PRESSURE GAS LINE DOWN TO EXISTING 2" SHUTOFF VALVE.
23. PROVIDE 2" HIGH PRESSURE GAS LINE RUN ACROSS THE ROOF.
24. 2" HIGH PRESSURE GAS LINE DOWN TO 2'-6" ABOVE FINISHED GRADE.
25. PROVIDE 2" GAS LINE AT 5 PSI FROM REGULATOR TO GENERATOR GAS TRAIN. PROVIDE DRIP LEG AT CONNECTION TO GENERATOR GAS TRAIN.
26. EMERGENCY GENERATOR.

CW
DHW 120
DHW 140
DHWR

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK
EDWARD J. CASEY, JR.
090778
LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

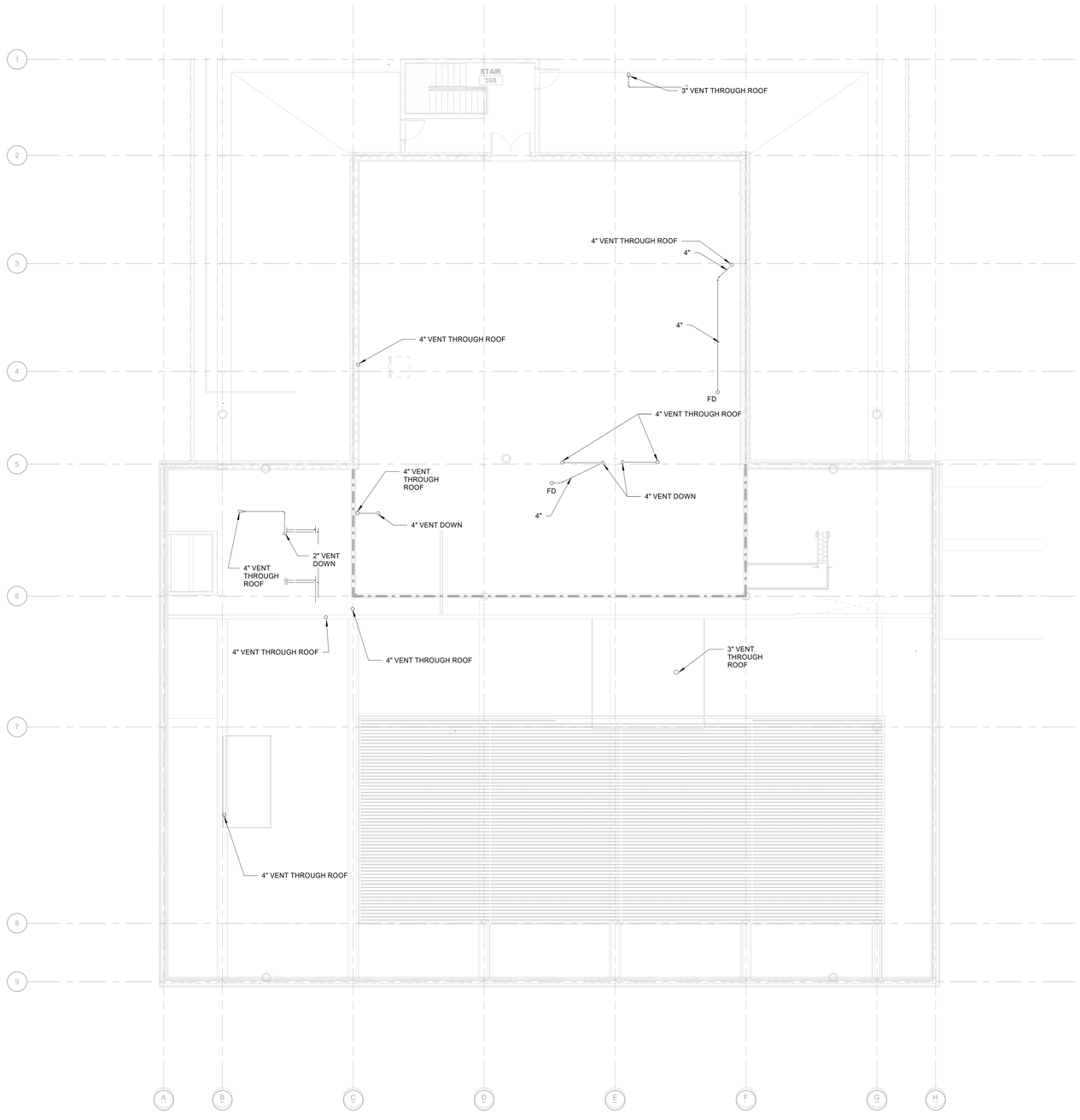
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
SECOND FLOOR DOMESTIC WATER
SHEET NUMBER:
P-104

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Level 3
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



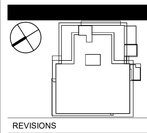
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

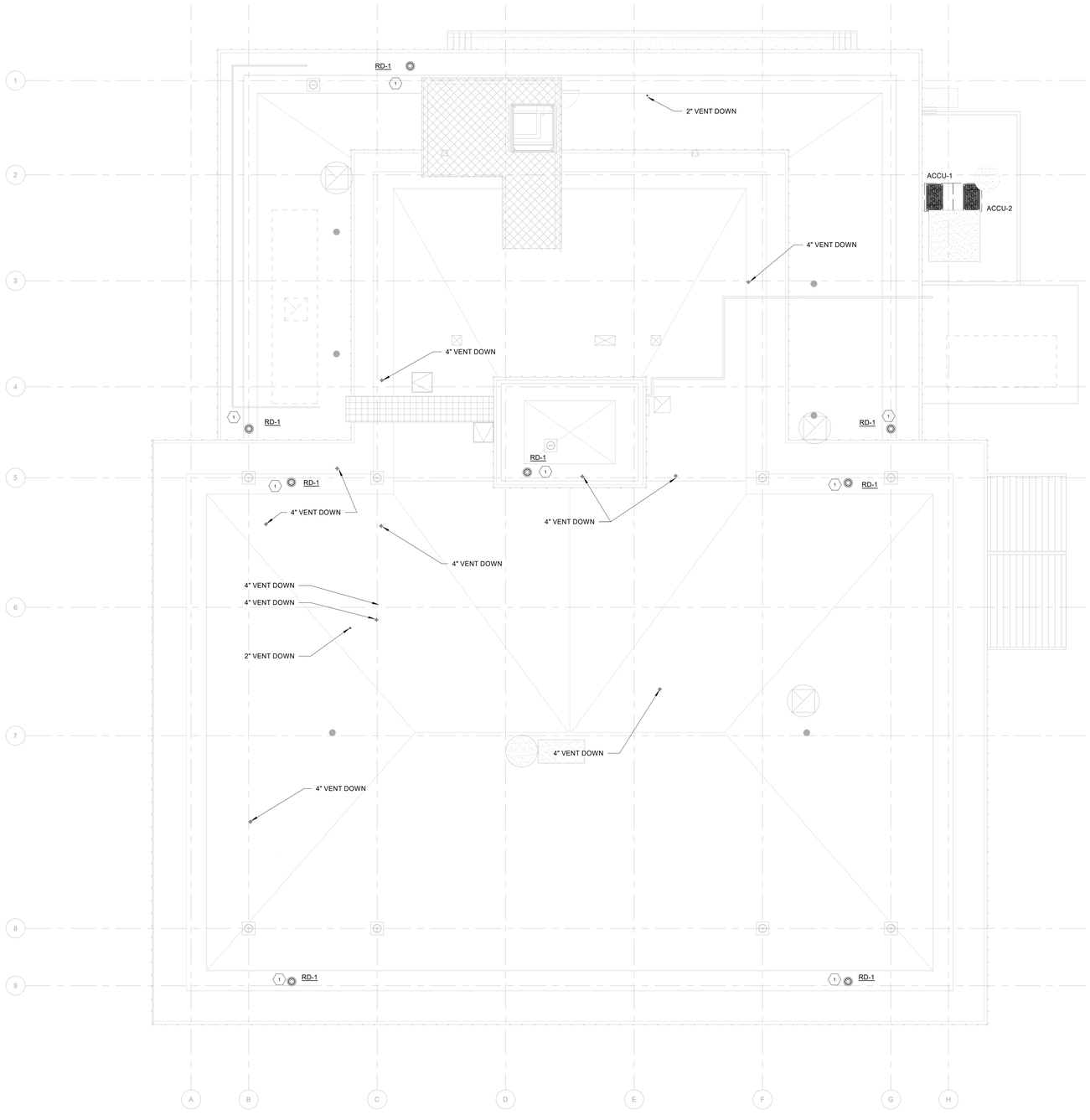
SCALE: 1/8" = 1'-0"

SHEET NAME:
MEZZANINE STORM - SAN - VENT

SHEET NUMBER:
P-105

BID SET

PROJECT NUMBER: Project Number
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



KEYED NOTES

1. PROVIDE ROOF DRAIN RD-1. PROVIDE 4" STORM AND CONNECT TO EXISTING.

1 Roof
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J CABEZAS · 09 1078 · LICENSED PROFESSIONAL ENGINEER

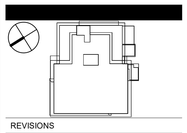
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

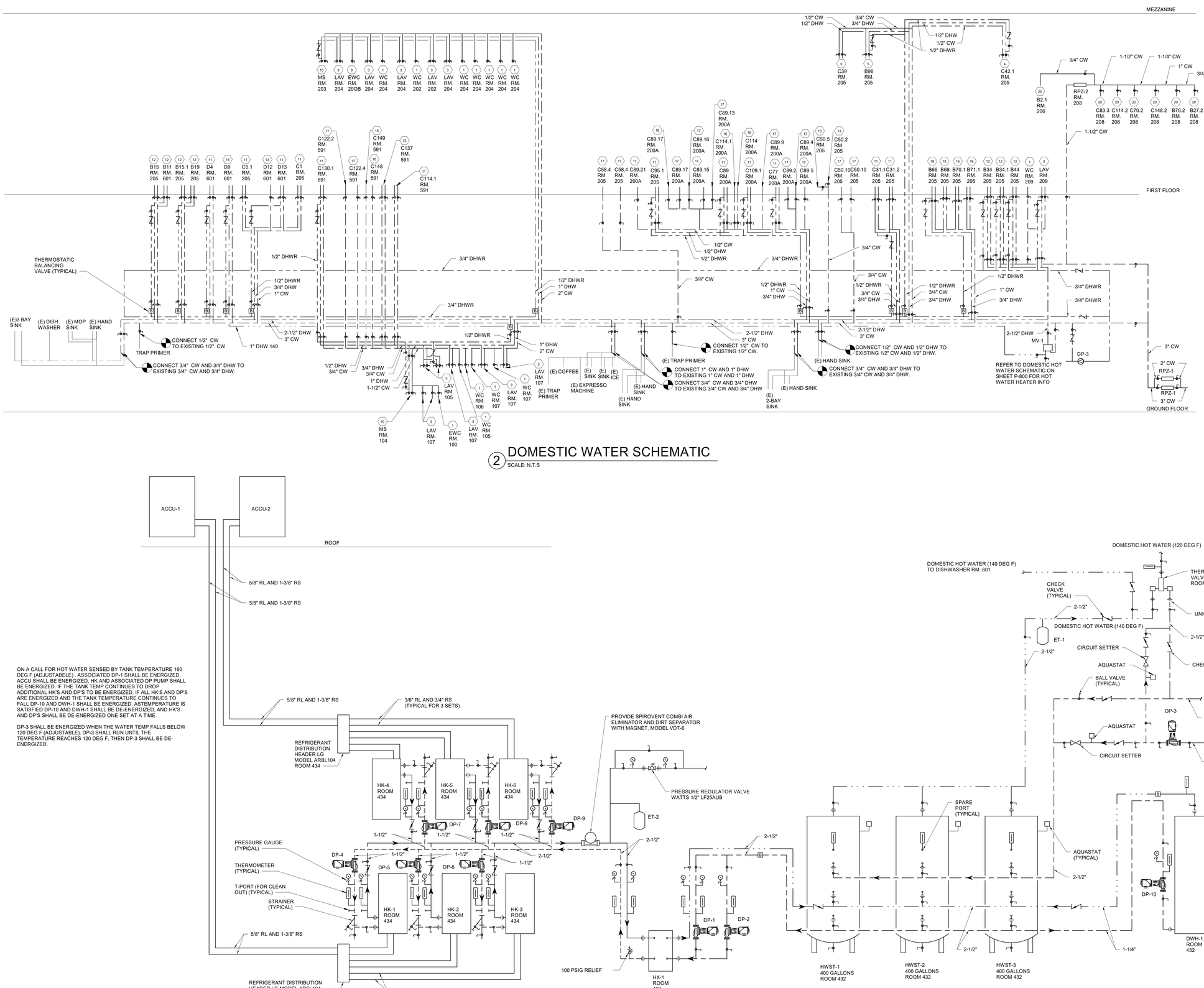
ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/8" = 1'-0"
SHEET NAME:
ROOF PLAN

SHEET NUMBER:
P-106

BID SET

PROJECT NUMBER: Project Number

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



2 DOMESTIC WATER SCHEMATIC

SCALE: N.T.S

ON A CALL FOR HOT WATER SENSED BY TANK TEMPERATURE 160 DEG F (ADJUSTABELE) . ASSOCIATED DP-1 SHALL BE ENERGIZED. ACCU SHALL BE ENERGIZED, HK AND ASSOCIATED DP PUMP SHALL BE ENERGIZED. IF THE TANK TEMP CONTINUES TO DROP ADDITIONAL HK'S AND DP'S TO BE ENERGIZED. IF ALL HK'S AND DP'S ARE ENERGIZED AND THE TANK TEMPERATURE CONTINUES TO FALL DP-10 AND DWH-1 SHALL BE ENERGIZED. ASTEMPERATURE IS SATISFIED DP-10 AND DWH-1 SHALL BE DE-ENERGIZED, AND HK'S AND DP'S SHALL BE DE-ENERGIZED ONE SET AT A TIME.

DP-3 SHALL BE ENERGIZED WHEN THE WATER TEMP FALLS BELOW 120 DEG F (ADJUSTABLE). DP-3 SHALL RUN UNTIL THE TEMPERATURE REACHES 120 DEG F, THEN DP-3 SHALL BE DE-ENERGIZED.

1 Domestic Hot Water Schematic

NOT TO SCALE

1. PROVIDE WATER CLOSET (WC-1). FLUSH VALVE, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1" COLD WATER LINE TO COLD WATER MAIN.
2. PROVIDE URINAL (UR-1), FLUSH VALVE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3/4" COLD WATER LINE TO COLD WATER MAIN.
3. PROVIDE LAVATORY(LAV-1), FAUCET, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO WATER MAINS.
4. HAND SINK AND FAUCET PROVIDED BY KITCHEN CONTRACTOR. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM HAND SINK TO WATER MAINS.
5. SINK AND FAUCET PROVIDED BY KITCHEN CONTRACTOR. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM SINK TO WATER MAINS.
6. THREE BAY SINK AND FAUCETS PROVIDED BY KITCHEN CONTRACTOR. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM THREE (3) FAUCETS TO WATER MAINS.
7. MOP SINK AND FAUCET PROVIDED BY KITCHEN CONTRACTOR. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM MOP SINK TO WATER MAINS.
8. HOSE REEL PROVIDED BY KITCHEN CONTRACTOR. PROVIDE 3/4" COLD WATER FROM HOSE REEL TO COLD WATER MAIN.
9. PROVIDE ELECTRIC WATER COOLER (EWC-1) AND WALL CARRIER. PROVIDE 1/2" COLD WATER LINE FROM EWC TO COLD WATER MAIN.
10. PROVIDE MOP SINK (MS-1). PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO MAINS.
11. PROVIDE 1/2" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
12. PROVIDE 3/4" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
13. PROVIDE 3/4" COLD WATER LINE UP TO FLOOR ABOVE.
14. PROVIDE 1" COLD WATER LINE UP TO FLOOR ABOVE.
15. PROVIDE 1" COLD WATER AND 1" DOMESTIC HOT WATER UP TO DISHWASHER ON FLOOR ABOVE.
16. PROVIDE 3/4" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
17. PROVIDE 1/2" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
18. PROVIDE 1/2" COLD WATER AND 1/2" DOMESTIC HOT WATER LINES UP TO KITCHEN EQUIPMENT.
19. PROVIDE 1/2" COLD WATER LINE TO KITCHEN EQUIPMENT.
20. PROVIDE 3/4" COLD WATER LINE DOWN TO WATER FILTRATION SYSTEM FURNISHED BY THE KITCHEN CONTRACT.

CW
DHW 120
DHW 140
DHWR

(XX) KEY NOTE NUMBER
X###.## KITCHEN EQUIPMENT NUMBER
RM. ### ROOM NUMBER

(XX) KEY NOTE NUMBER
XXX FIXTURE TAG
RM. ### ROOM NUMBER

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 099078

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

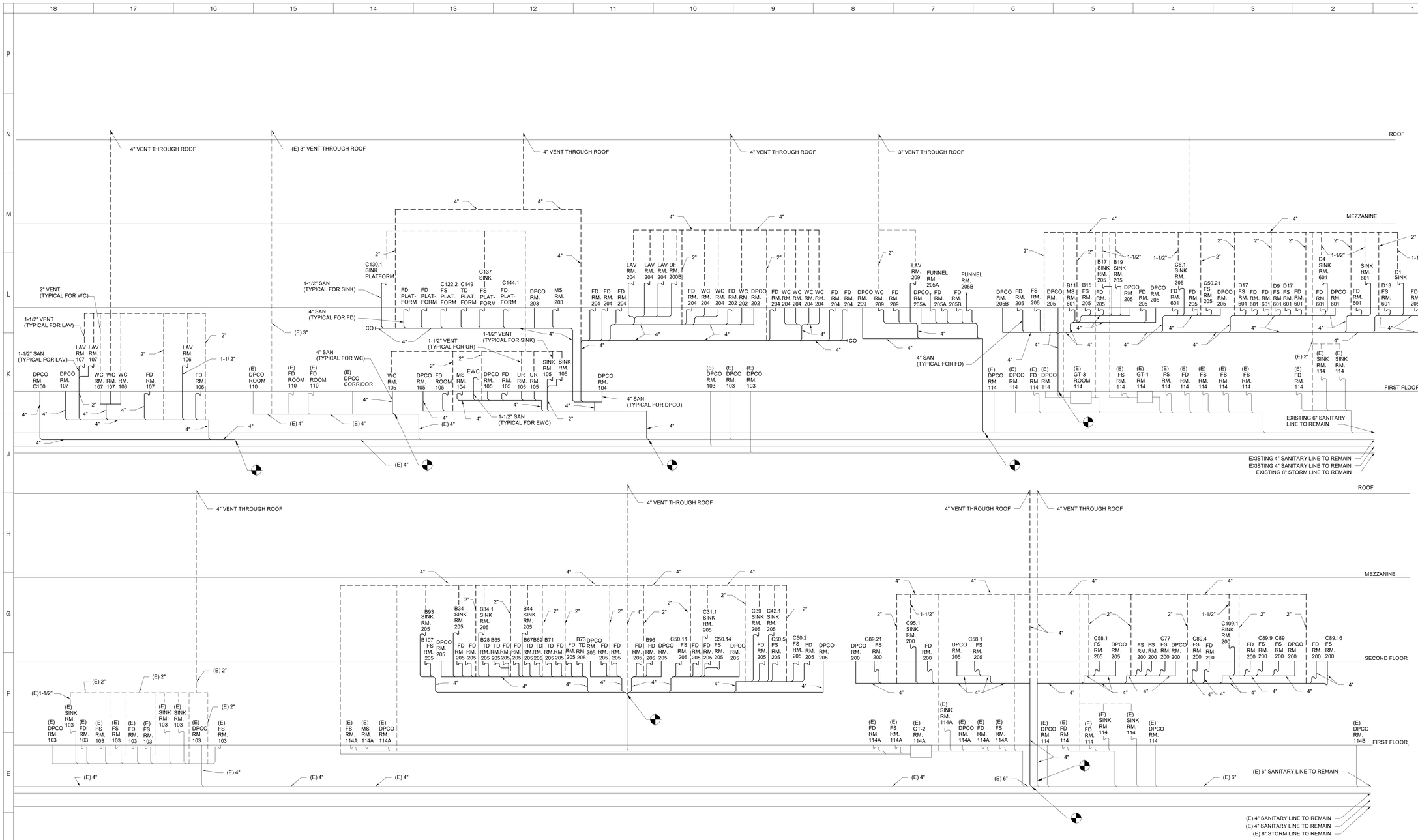
SCALE:

SHEET NAME:
DOMESTIC WATER SCHEMATIC

SHEET NUMBER:
P-800

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SANITARY SCHEMATIC
SCALE: N.T.S

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
SANITARY - VENT SCHEMATIC

SHEET NUMBER:
P-801

BID SET

PROJECT NUMBER: Project Number COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HEAT PUMP SCHEDULE - (HP)

DWG LABEL	UNIT LOCATION	SERVES	INDOOR UNIT MODEL NO.	DOMESTIC HOT WATER		ELECTRICAL		OUTDOOR UNIT MODEL NO.	ELECTRICAL			NOTES	REFRIGERANT TYPE	REFRIGERANT CHARGE LBS
				GPM	kBTU/H	MCA	V/PH		MCA	MOP	V/PH			
HK-1	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1	ZRUM241BTE6	72.7	80	208/3	1, 2	R32	50
HK-2	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1							
HK-3	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1							
HK-4	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1	ZRUM241BTE6	72.7	80	208/3	1, 2	R32	50
HK-5	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1							
HK-6	EXST MECH EQUIP ROOM	DOMESTIC HW	ARNH763K3A4	9.5	55.1	26.2	208/1							

NOTES:
1. DESIGN BASIS: LG
2. PROVIDE WITH BRANCH HEADER ARBL104 FOR EACH OUTDOOR UNIT.

PUMP SCHEDULE - (P)

DWG LABEL	UNIT LOCATION	SYSTEM SERVED	SERIES/ MODEL NO.	GPM	WPD (FT HD)	MAX. OPER. TEMP (°F)	SUCTION CONNECTION (IN)	DISCHARGE CONNECTION (IN)	ELECTRICAL		NOTES
									NOMINAL POWER	V/PH	
DP-1	EXST MECH EQUIP ROOM	DHW / HX-1	MAGNA3 40-120 GFN	98	4.5	230	1-1/4	1-1/4	448	115/1	1, 2
DP-2	EXST MECH EQUIP ROOM	DHW / HX-1	MAGNA3 40-120 GFN	98	4.5	230	1-1/4	1-1/4	448	115/1	1, 2
DP-3	EXST MECH EQUIP ROOM	DHWR	MAGNA3 40-120 GFN	49	23.75	230	1-1/4	1-1/4	187	115/1	1, 2, 3
DP-4	EXST MECH EQUIP ROOM	DHW / HK-1	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-5	EXST MECH EQUIP ROOM	DHW / HK-2	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-6	EXST MECH EQUIP ROOM	DHW / HK-3	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-7	EXST MECH EQUIP ROOM	DHW / HK-4	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-8	EXST MECH EQUIP ROOM	DHW / HK-5	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-9	EXST MECH EQUIP ROOM	DHW / HK-6	MAGNA3 30-60 GF	22.5	12.47	230	1-1/4	1-1/4	106	115/1	1
DP-10	EXST MECH EQUIP ROOM	DHW / DWH-1	MAGNA3 40-80 GFN	46.7	17.72	230	1-1/4	1-1/4	285	115/1	1, 2

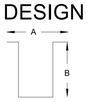
NOTES:
1. DESIGN BASIS: GRUNDFOS MAGNA3
2. PROVIDE LEAD FREE DESIGN.
3. PROVIDE LINE VOLTAGE AQUASTAT, COORDINATE WIRING OF PUMP THROUGH LINE VOLTAGE AQUASTAT WITH DIVISION 26.

PLUMBING FIXTURE SCHEDULE

NO.	TYPE	MFG./MODEL	TRIM	REMARKS
WC	WATER CLOSET, WALL MOUNT	AMERICAN STANDARD 3351.101, 1.28 GPF 1-1/2 INCH TOP SPUD	FLUSH VALVE: MANUAL SLOAN WES 111-1.6 /1.1 GPF	ELONGATED BOWL. PROVIDE ELONGATED SEAT: BENEKE 527-SS, FLOOR MOUNTED CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
UR	URINAL, WALL MOUNT, ADA	AMERICAN STANDARD 6590.001EC, 0.5 GPF 3/4 INCH TOP SPUD	FLUSH VALVE: SENSORED (BATTERY) SLOAN REGAL 186 SFSM-0.125-TMO	PROVIDE FLOOR MOUNTED CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
LAV	LAVATORY	REFER TO A SERIES DRAWINGS	FAUCET: SENSORED (ELECTRIC) SLOAN ETF-600-8-BOX-BDM-CP-0.5GPM-MLM-FCT	PROVIDE INFRARED FAUCET, OFFSET GRID, TRAP, CHROMED SUPPLIES, STOPS,ESCUTCHEON PLATES AND PIPE COVERS. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. NOTE A.
MS-1	MOP SINK, WALL	STERN-WILLIAMS HL-1810	FAUCET: AMERICAN STANDARD 8354.112 (WALL MOUNT FITTINGS, CONCEALED SUPPLY)	PROVIDE MOP HOLDER AND HOSE BRACKET.
ECB-1	ELECTRIC WATER COOLER, TWO STATION WITH BOTTLE FILLER, ADA, WALL MOUNT	ELKAY EZSTLDDWSLK (WITH FILTER) (BOTTLE FILLER ON RIGHT SIDE)		PROVIDE LEAD FREE DESIGN, STAINLESS STEEL MODEL WITH MOUNTING FRAME MLP200, CANE APRON LKSPREZL, UNIVERSAL FILTRACTION KIT EWF3000. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. NOTE A, C.
HYD-1	HYDRANT, INTERIOR WALL MOUNT IN RECESSED LOCKABLE BOX	ZURN Z-1330	ANTI-SIPHON, MODERATE CLIMATE, AUTOMATIC DRAINING	PROVIDE KEYS TO OWNER.
ET-1	EXPANSION TANK	THRUSH T-30		POTABLE HOT WATER SYSTEM, 13.2 GALLON TOTAL VOLUME, ASME LABELED.
FD	FLOOR DRAIN	ZURN ZN-415B-TSP	FLUSH WITH FLOOR	PROVIDE NICKEL BRONZE STRAINER, PROVIDE TRAP SEAL PROTECTION DEVICE. REFER TO PLAN FOR SIZE. NOTE B
FS	FLOOR SINK	ZURN ZN1900-TSP	FLUSH WITH FLOOR	PROVIDE TRAP SEAL PROTECTION DEVICE. REFER TO PLAN FOR SIZE. NOTE B
DPCO	CLEANOUT, FLOOR	ZURN Z1400	ADJUSTABLE TOP	PROVIDE POLISHED BRONZE TOP REFER TO PLAN FOR PIPE SIZE. NOTE B.
WCO	WALL CLEANOUT	ZURN Z1446		PROVIDE ACCESS COVER.
MV-1	MIXING VALVE	WATTS - LFSH1434QVAEMO		PROVIDE THERMOSTATIC MIXING VALVE, STAINLESS STEEL ENCLOSURE.
HWST-1,2,3	HOT WATER STORAGE TANK	LOCHINVAR RGA0432		PROVIDE LEAD FREE DESIGN, RATED STORAGE CAPACITY 650 GALLONS. TANK DIAMETER 46" AND TANK HEIGHT 80".
RPZ-1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSY. (DOMESTIC WATER)	WATTS LF909M1-QT-S-FS (2") WITH STRAINER		PROVIDE WITH FLOOD SENSOR. INSTALL IN ACCORDANCE WITH NYS DEPT. OF HEALTH CROSS CONNECTION STANDARD.
RPZ-2	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSY. (DOMESTIC WATER)	WATTS LF909M1-QT-S-FS (1-1/2") WITH STRAINER		PROVIDE WITH FLOOD SENSOR. INSTALL IN ACCORDANCE WITH NYS DEPT. OF HEALTH CROSS CONNECTION STANDARD.
RPZ-3	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSY. (DOMESTIC WATER)	WATTS LF909M1-QT-S-FS (3/4") WITH STRAINER		PROVIDE WITH FLOOD SENSOR. INSTALL IN ACCORDANCE WITH NYS DEPT. OF HEALTH CROSS CONNECTION STANDARD.
RD-1	ROOF DRAIN	ZURN ZA-100		REFER TO PLAN FOR SIZE. NO HUB CONNECTION, ALUMINUM DOME.
WM-1	WATER METER	EMERSON ROSEMOUNT 8750W030 3"		PROVIDE WITH DRINKING WATER CERTIFICATIONS, LEAD FREE CONSTRUCTION.
SP-1	SUMP PUMP	LIBERTY PUMPS ELV280		PROVIDE WITH LIBERTY PUMPS CONTROLS
ET-2	EXPANSION TANK	THRUSH N-60		HOT WATER SYSTEM, 6.3 GALLON TOTAL VOLUME, ASME LABELED.
DWH-1	DOMESTIC WATER HEATER	LOCHINVAR CHVK144-300		ELECTRIC WATER HEATER, 144 KW, 300 GALLON TANK.
HX-1	DOMESTIC WATER HEAT EXCHANGER	MUELLER AT35H		ICF-150 C/S/ FRME, WITH (60) 0.4 + 0.4 MM TYPE 316 STAINLESS STEEL DOUBLE-WALL PLATES, NBR GASKETS. (27.0" LONG x 13.5 WIDE x 52.0" HIGH) 2.00" 316 S/S MNPT CONNECTIONS AND SA-193 GR BY (CS) BOLTS. WATER TO WATER AT 60 GPM.

NOTES:
A. REFER TO PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE.
B. VERIFY LOCATION OF FLOOR DRAIN / CLEANOUT APPLY CORRECT APPLICATION, RECESSED FOR TILE, RECESSED FOR TERRAZZO.
C. PROVIDE ONE PACKAGE OF 3-PACK REPLACEMENT FILTERS SIMILAR TO ELKAY MODEL 51300C_3PK (THREE) TO OWNER FOR FUTURE USE.

EXPANSION LOOP SIZES SCHEDULE
BASES OF DESIGN METRAFLEX



SIZE	MODEL	WIDTH A	LENGTH B	WEIGHT (LBS)
1/2"	MLSUP80050	7-3/4"	15-3/8"	2.5
3/4"	MLSUP80075	9-1/2"	17-1/4"	2.5
1"	MLSUP80100	10-1/4"	19-1/4"	3
1-1/4"	MLSUP80125	11-1/8"	21-3/8"	4
1-1/2"	MLSUP80150	11-5/8"	22-1/2"	4.5
2"	MLSUP80200	13-3/8"	25-1/2"	12
2-1/2"	MLSUP80250	17"	26-7/8"	18

PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE

NO.	TYPE	ELECTRICAL COMPONENT	VOLTS	PHASE	FULL LOAD AMPS	MINIMUM CIRCUIT AMPACITY	MAXIMUM OVER-CURRENT PROTECTION	POWER	RPM	GPM	HEAD FEET	REMARKS
LAV-1	LAVATORY, ADA	FAUCET TRANSFORMER	120	SINGLE	2.0	300 MA	NA	NA	NA	NA	NA	NOTE A
EWC-1	ELECTRIC WATER COOLER, TWO STATION WITH SINGLE STATION BOTTLE FILLER, ADA, WALL MOUNT	OPERATING SYSTEM	115	SINGLE	5.0	NA	NA	370 WATTS	NA	NA	NA	REQUIRES GFI DUAL RECEPTACLE. NOTE A, B.
SP-1	SUMP PUMP	OPERATING SYSTEM	115	SINGLE	5.2	NA	NA	1/2 HP	NA	50	13	NOTE B, C.
DWH-1	DOMESTIC WATER HEATER	OPERATING SYSTEM	480	THREE	--	NA	NA	144 KW	NA	NA	NA	NOTE A, C.

NOTES:
A. COORDINATE POWER WITH DIVISION 26.
B. DIVISION 26 TO PROVIDE RECEPTACLE. COORDINATE LOCATION WITH DIVISION 26.
C. COORDINATE FURNISHING AND WIRING DISCONNECT WITH DIVISION 26.

FIXTURE PIPE SIZES SCHEDULE

	COLD WATER	HOT WATER	SANITARY	VENT
WC	1"		4"	2"
UR	3/4"		2"	1-1/2"
LAV	1/2"	1/2"	1-1/2"	1-1/2"
EWC	1/2"		1-1/2"	1-1/2"
MS	1/2"	1/2"	3"	2"
HYD	3/4"			

NOTES: A. IF FIXTURE NUMBER IS NOT SPECIFICALLY STATED, PIPE SIZES PERTAIN TO ALL LISTINGS OF FIXTURE TYPE.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

[redacted]

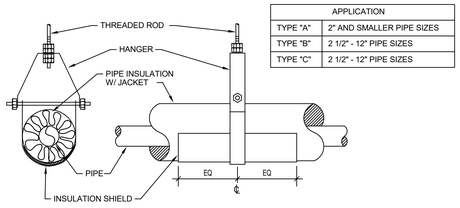
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE:
SHEET NAME: SCHEDULES
SHEET NUMBER: P-900

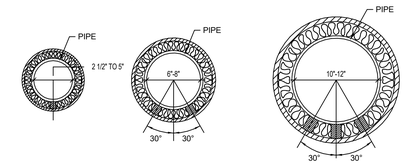
BID SET

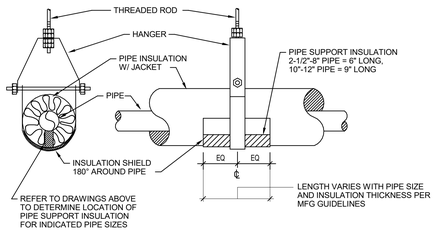
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



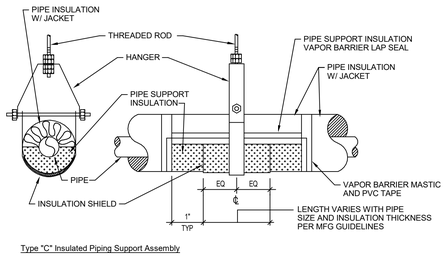
APPLICATION	
TYPE "A"	2" AND SMALLER PIPE SIZES
TYPE "B"	2 1/2" - 12" PIPE SIZES
TYPE "C"	2 1/2" - 12" PIPE SIZES

Type "A" Insulated Piping Support Assembly



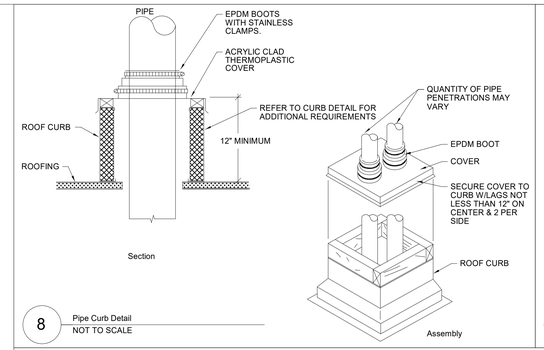


Type "B" Insulated Piping Support Assembly

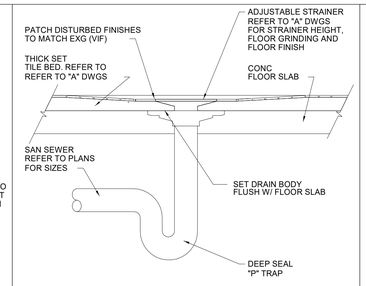


Type "C" Insulated Piping Support Assembly

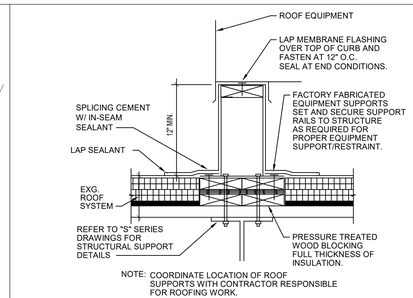
4 Insulated Piping Support Assemblies Detail
NOT TO SCALE



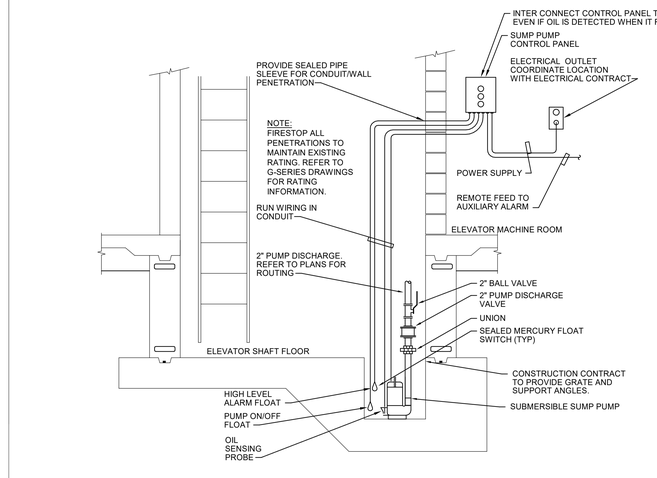
8 Pipe Curb Detail
NOT TO SCALE



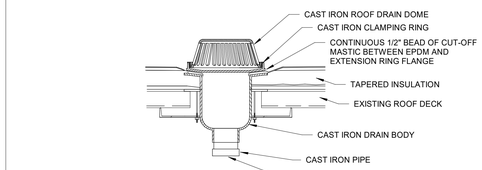
7 Floor Drain in Slab On Grade Detail
NOT TO SCALE



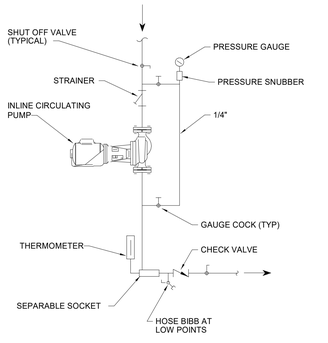
6 Roof Equipment Support Detail
NOT TO SCALE



3 Elevator Shaft Sump Pump Detail
NOT TO SCALE

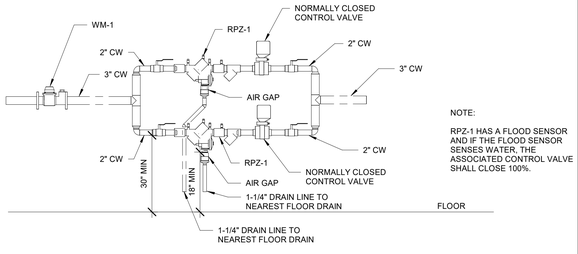


5 Roof Drain Detail
NOT TO SCALE



NOTE: GENERIC SYMBOL USED TO SHOW VALVE LOCATION(S). REFER TO SPECIFICATIONS FOR EXACT VALVE TYPE.

2 Inline Circulation Pump Detail
NOT TO SCALE



1 Domestic Water Service Schematic
NOT TO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090775 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

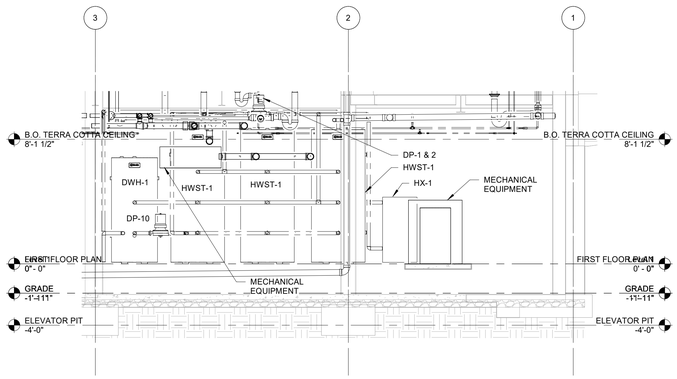
SCALE: 1/2" = 1'-0"

SHEET NAME:
PLUMBING DETAILS

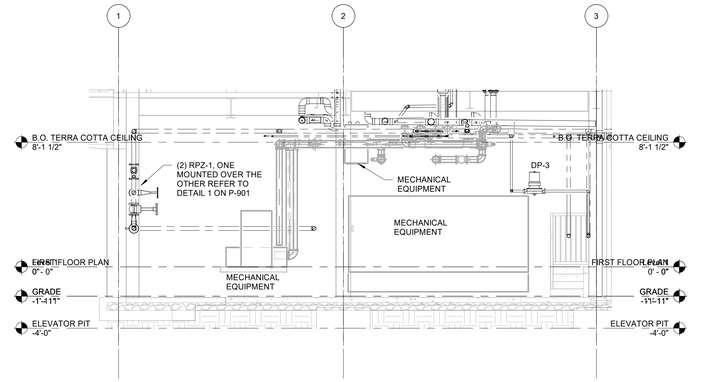
SHEET NUMBER:
P-901

BID SET

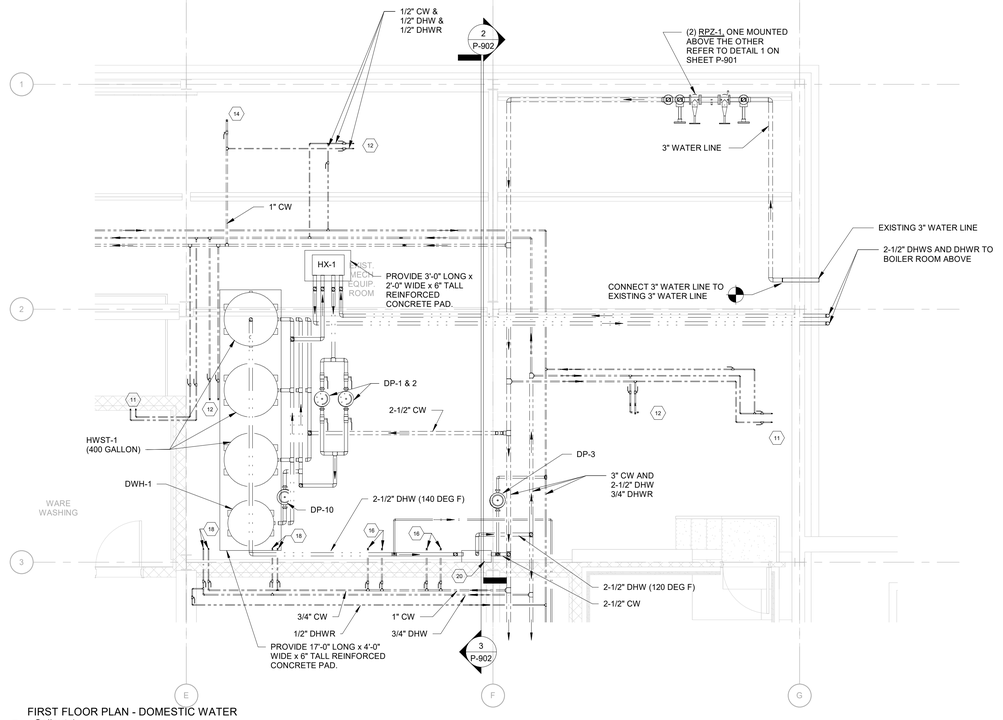
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



3 Section 3
1/4" = 1'-0"



2 Section 2
1/4" = 1'-0"



1 FIRST FLOOR PLAN - DOMESTIC WATER - Callout 1
1/4" = 1'-0"

KEYED NOTES

1. PROVIDE WATER CLOSET (WC-1). FLUSH VALVE, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1" COLD WATER LINE TO COLD WATER MAIN.
2. PROVIDE URINAL (UR-1). FLUSH VALVE, WALL CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3/4" COLD WATER LINE TO COLD WATER MAIN.
3. PROVIDE LAVATORY (LAV-1). FAUCET, WALL CARRIER AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO WATER MAINS.
4. HAND SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM HAND SINK TO WATER MAINS.
5. SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM SINK TO WATER MAINS.
6. THREE BAY SINK AND FAUCETS. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM THREE (3) FAUCETS TO WATER MAINS.
7. MOP SINK AND FAUCET. PROVIDE 1/2" COLD WATER AND HOT WATER LINES FROM MOP SINK TO WATER MAINS.
8. HOSE REEL. PROVIDE 3/4" COLD WATER FROM HOSE REEL TO COLD WATER MAIN.
9. PROVIDE ELECTRIC WATER COOLER (EWC-1) AND WALL CARRIER. PROVIDE 1/2" COLD WATER LINE FROM EWC TO COLD WATER MAIN.
10. PROVIDE MOP SINK (MS-1). PROVIDE 1/2" COLD WATER AND HOT WATER LINES TO MAINS.
11. PROVIDE 1/2" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
12. PROVIDE 3/4" COLD WATER AND HOT WATER LINES UP TO FLOOR ABOVE.
13. PROVIDE 3/4" COLD WATER LINE UP TO FLOOR ABOVE.
14. PROVIDE 1" COLD WATER LINE UP TO FLOOR ABOVE.
15. PROVIDE 1" COLD WATER AND 1" DOMESTIC HOT WATER UP TO DISHWASHER ON FLOOR ABOVE.
16. PROVIDE 3/4" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
17. PROVIDE 1/2" COLD WATER LINE UP TO KITCHEN EQUIPMENT.
18. PROVIDE 1/2" COLD WATER AND 1/2" DOMESTIC HOT WATER LINES UP TO KITCHEN EQUIPMENT.
19. PROVIDE 1/2" COLD WATER LINE TO KITCHEN EQUIPMENT.
20. PROVIDE MIXING VALVE (MV-1).

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

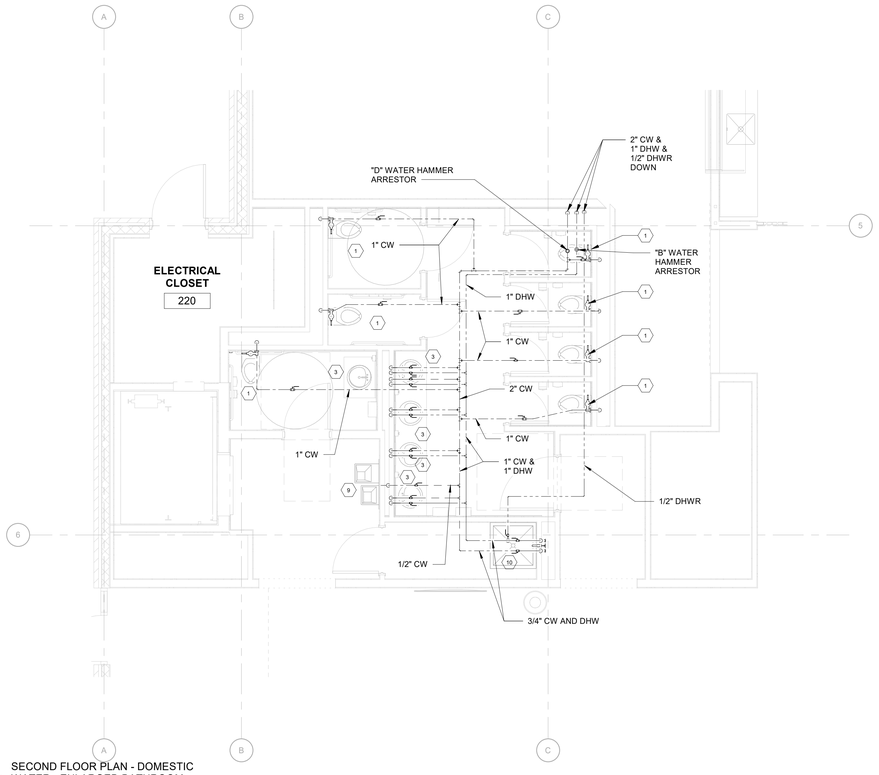
SCALE: 1/4" = 1'-0"

SHEET NAME:
ENLARGED PLANS

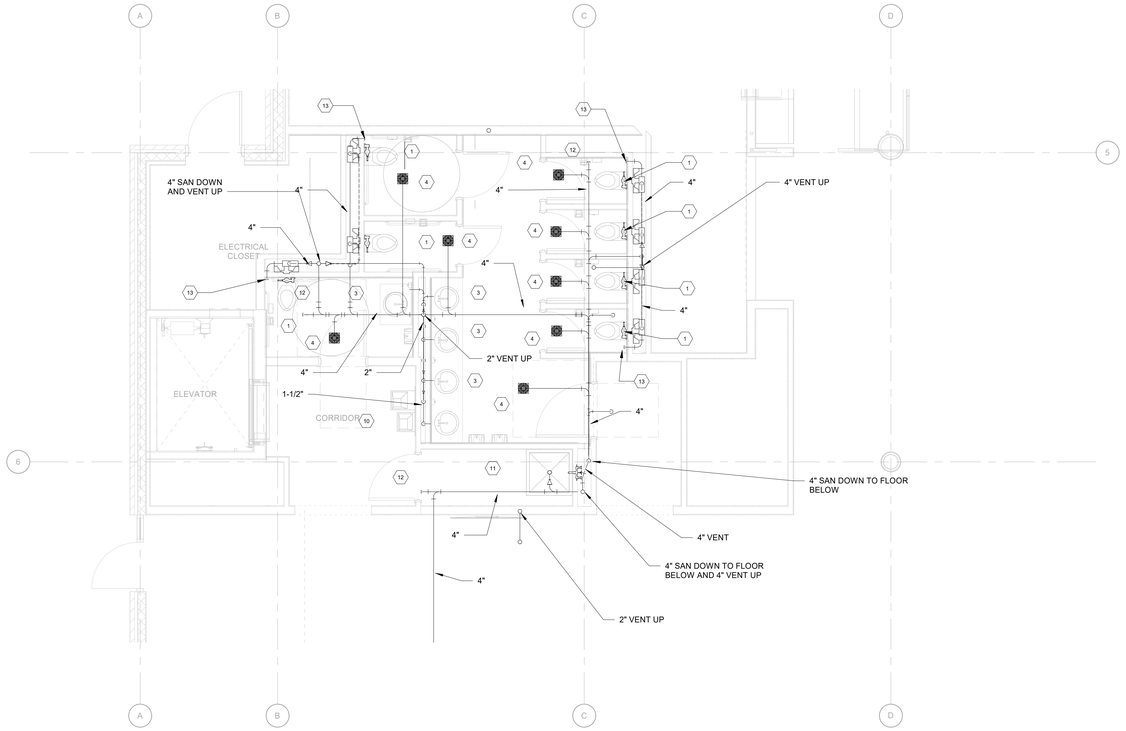
SHEET NUMBER:

P-902

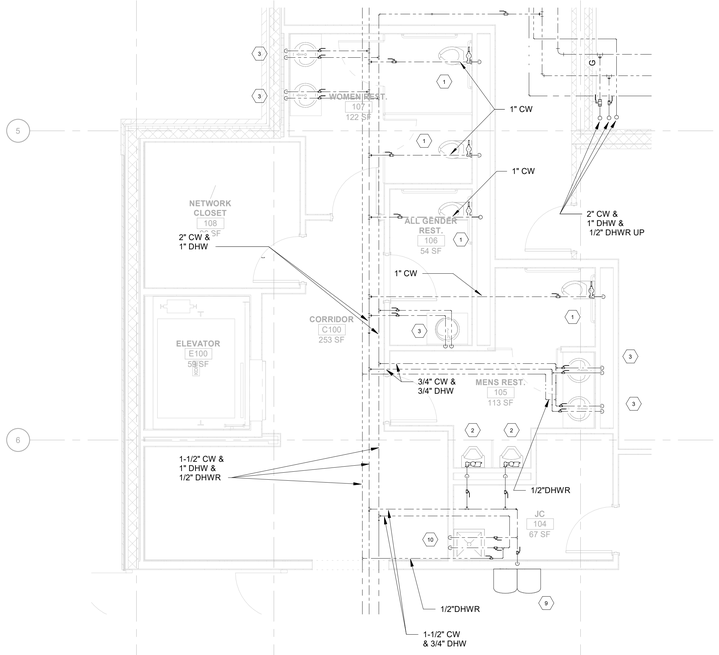
PROJECT NUMBER: Project Number COPYRIGHT © 2025 KSQ ARCHITECTS, PC



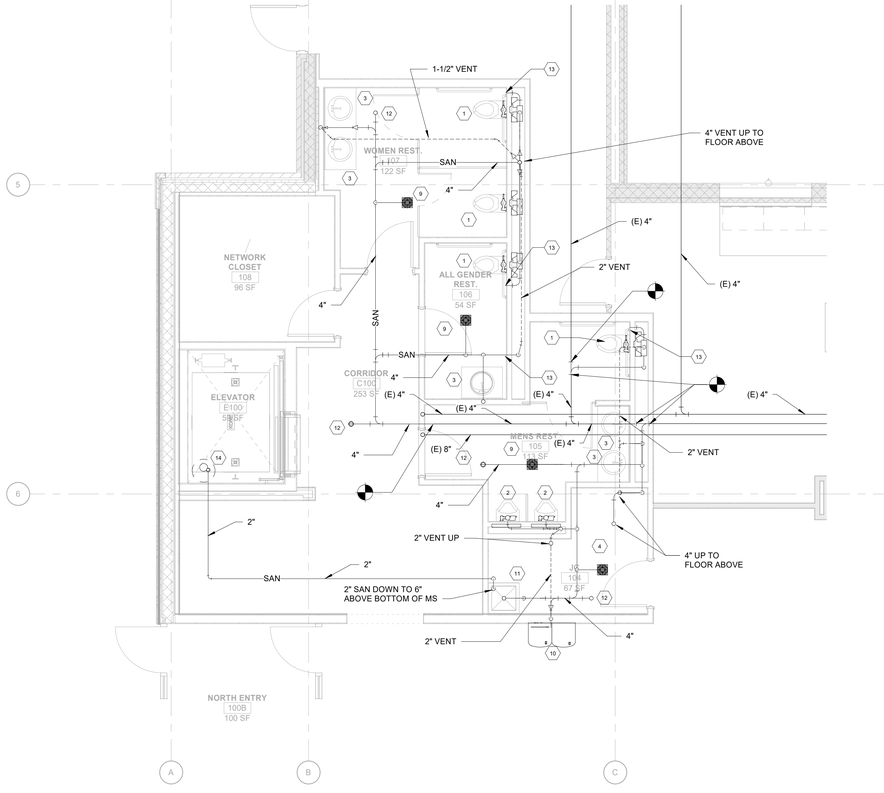
4 SECOND FLOOR PLAN - DOMESTIC WATER - ENLARGED BATHROOM
1/4" = 1'-0"



3 SECOND FLOOR PLAN - BELOW FLOOR SANITARY - ENLARGED BATHROOM
1/4" = 1'-0"



1 FIRST FLOOR PLAN - DOMESTIC WATER - ENLARGED BATHROOM
1/4" = 1'-0"



2 FIRST FLOOR PLAN - SANITARY - ENLARGED BATHROOM
1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/4" = 1'-0"
SHEET NAME:
ENLARGED BATHROOMS

SHEET NUMBER:
P-903

PROJECT NUMBER: Project Number

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

FIRE PROTECTION NOTES AND SYMBOLS LEGEND

●	ETR PENDENT SPRINKLER.
◎	ETR UPRIGHT SPRINKLER.
⊗	ETR DRY BARREL PENDENT SPRINKLER.
▶	ETR SIDEWALL SPRINKLER.
⊘	REMOVE UPRIGHT SPRINKLER.
⊗	REMOVE PENDENT SPRINKLER.
▷	REMOVE K5.6 QR IT SIDEWALL SPRINKLER.
▶	K5.6 QR IT SIDEWALL SPRINKLER.
⊗	K5.6 QR OT DRY BARREL PENDENT SPRINKLER.
◎	K5.6 QR IT UPRIGHT SPRINKLER.
●	K5.6 QR IT CONCEALED PENDENT SPRINKLER.
———	ETR FIRE PROTECTION PIPING
———	FIRE PROTECTION PIPING
- - - - - - - -	REMOVE FIRE PROTECTION PIPING
◯	PIPE UP/DOWN.
◐	LIMIT OF REMOVAL.
◕	CONNECT TO EXISTING.
QR	QUICK RESPONSE
IT	INTERMEDIATE TEMPERATURE
ETR	EXISTING TO REMAIN
—·—·—·—	HYDRAULIC REMOTE AREA BOUNDARY
⟋	ETR FIRE DEPARTMENT CONNECTION
⬡ ##	HYDRAULIC NODE ## REFERENCE POINT

WATER SUPPLY DATA

STATIC PRESSURE	64 PSI
RESIDUAL PRESSURE	48 PSI
FLOW	1504 GPM
CONDUCTED BY	ABSOLUTE FIRE PROTECTION, LLC
WITNESSED BY	N/A
TEST DATE	02/12/2024
TEST TIME	10:30 AM
LOCATION	PEREGRINE DINING HALL
HYDRANT NUMBERS	STATIC - #11; FLOW - #10
PERFORM AND WITNESS A HYDRANT FLOW TEST WHICH SHALL BE USED FOR CONTRACTOR'S HYDRAULIC CALCULATIONS. PRESSURE AND FLOW READINGS SHALL BE TAKEN FROM THE WATER MAIN WHICH FEED THE BUILDING.	

TESTING

1. AFTER COMPLETING THE PIPING SYSTEM, PERFORM A HYDROSTATIC TEST OF THE FIRE SPRINKLER PIPING FOR A PERIOD OF TWO HOURS AT NOT LESS THAN 200 PSI, OR AT 50 PSI IN EXCESS OF THE MAXIMUM OPERATING STATIC PRESSURE WHEN THE STATIC PRESSURE IS IN EXCESS OF 150 PSI. CHECK THE SYSTEM FOR LEAKS AND MEASURE THE HYDROSTATIC PRESSURE AT THE LOW POINT OF EACH SYSTEM OR ZONE BEING TESTED.
2. REPAIR OR REPLACE PIPING AND FITTINGS AS REQUIRED TO ELIMINATE LEAKS IN ACCORDANCE WITH ANSI/NFPA STANDARDS FOR "LITTLE OR NO LEAKS" AND RETEST AS SPECIFIED TO DEMONSTRATE COMPLIANCE.
3. FLUSH THE SYSTEM PRIOR TO TESTING PER NFPA 13 AND NFPA 24. PERFORM ALL OPERATIONAL TESTS REQUIRED FOR ACCEPTANCE BY NFPA-13, INCLUDING WATER FLOW SWITCHES, MAIN DRAIN VALVES, CONTROL VALVES, AND BACKFLOW PREVENTION ASSEMBLIES.
4. UPON SATISFACTORY COMPLETION AND TESTING OF THE SYSTEM(S), PROVIDE THE OWNER WITH A LETTER CERTIFYING THAT THE SYSTEM HAS BEEN COMPLETED IN ACCORDANCE WITH ANSI/NFPA 13 STANDARDS AND IS OPERATIONAL, COMPLETE AND WITHOUT DEFECTS.

APPLICABLE CODES AND STANDARDS

1. BCNYS, BUILDING CODE OF NEW YORK STATE, 2025
2. FCNYS, FIRE CODE OF NEW YORK STATE, 2025
3. EBCNYS, EXISTING BUILDING CODE OF NEW YORK STATE, 2025
4. NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022
5. NFPA 25, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS, 2023
6. NFPA 70, NATIONAL ELECTRIC CODE, 2023

FIRE PROTECTION SCOPE OF WORK

1. PROVIDE A FIRE PROTECTION SYSTEM THROUGHOUT THE WORK AREA IN ACCORDANCE WITH THE CODES AND STANDARDS LISTED BELOW, AND AS INDICATED ON THE CONTRACT DRAWINGS AND THE CONTRACT SPECIFICATIONS. THE CONTRACT DOCUMENTS ESTABLISH ENGINEERING DESIGN PRECEDENCE. THE PROJECT CONSISTS OF A RENOVATION OF THE ENTIRE BUILDING WITH THE EXCEPTION OF THE FIRST FLOOR BAKERY AND BACK OF HOUSE AREA.
   A. REMOVE SPRINKLERS AND SPRINKLER PIPING AS INDICATED ON THESE DRAWINGS. CAP SPRINKLER PIPING AT THE LIMIT OF REMOVAL WHERE INDICATED.
   B. SPRINKLER SYSTEM (INCLUDING BUT NOT LIMITED TO SPRINKLERS, PIPING, FITTING, AND VALVES) SHALL BE REMOVED TROUHGOUT THE ENTIRETY OF THE BUILDING WITH THE EXCEPTION OF THE BAKERY AND BACK OF HOUSE AREA AS INDICATED ON THE DRAWINGS.
2. INSTALL THE SYSTEM SO THAT IT IS COMPLIANT WITH THE APPLICABLE CODES AND STANDARDS, INCLUDING THOSE NOTED ON THIS SHEET.
   A. WHERE CONFLICTS OR DISCREPANCIES OCCUR BETWEEN CONTRACT DRAWINGS, SPECIFICATIONS, AND REFERENCED CODES AND STANDARDS, THE MOST STRIGINENT REQUIREMENTS SHALL APPLY TO THE CONTRACT.
3. PROVIDE PRODUCT SUBMITTALS, SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR REVIEW AND APPROVAL IN ACCORDANCE WITH NFPA-13. REFER TO THE HYDRAULIC CALCULATIONS NOTES FOR ADDITIONAL INFORMATION. SUBMITTALS AND SHOP DRAWINGS SUBMISSIONS REQUIRING MORE THAN TWO REVIEW CYCLES DUE TO CONTRACTOR'S OR SUB-CONTRACTOR'S OWN ERRORS, OMISSIONS OR INCOMPLETENESS CAUSES ADDITIONAL EFFORTS REQUIRED BY ENGINEER (RAN FIRE PROTECTION ENGINEERING P.C.) THESE ADDITIONAL EFFORTS ARE BACK CHARGEABLE TO AND AT THE SOLE COST OF THE CONTRACTOR AND/OR SUB CONTRACTOR WHO SHALL PAY RAN'S STANDARD HOURLY RATES AS ADDITIONAL SERVICES UNDER RAN'S CONTRACT WITH OWNER/CLIENT.
4. PROVIDE HANGING AND BRACING IN ACCORDANCE WITH NFPA-13 OF ALL NEW SPRINKLER PIPING.
5. PROVIDE SPARE SPRINKLER CABINET, SPARE SPRINKLERS, SPRINKLER WRENCH(S) AND A LIST OF INSTALLED SPRINKLERS IN ACCORDANCE WITH NFPA-13.
6. PROVIDE ACCEPTANCE TESTING OF THE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA-13 REQUIREMENTS.
7. PROVIDE OPERATION AND MAINTENANCE (O&M) MANUAL UPON COMPLETION OF WORK. O&M MANUAL SHALL CONSIST OF AS-BUILT DRAWINGS, AS-BUILT HYDRAULIC CALCULATIONS, SYSTEM PRODUCT SUBMITTALS, AND INSTALLING CONTRACTOR'S QUALIFICATIONS AND CONTACT INFORMATION. AS-BUILT DRAWINGS SHALL BE AVAILABLE IN PDF AND AUTOCAD FORMATS.
8. CONDUCT A THOROUGH EXAMINATION OF THE PREMISES PRIOR TO PREPARING A PROPOSAL. ANY CHANGES TO THE DESIGN MADE NECESSARY BY FIELD CONDITIONS SHALL BE CONVEYED TO THE ENGINEER PRIOR TO PREPARING A PROPOSAL. NO ADDITIONAL COSTS BEYOND THE PROPOSAL PRICE WILL BE ACCEPTED FOR FIELD CONDITIONS THAT COULD HAVE BEEN DETERMINED BY AN INSPECTION OF THE PREMISES.

HYDRAULIC CALCULATIONS

1. SUBMIT HYDRAULIC CALCULATIONS FOR REVIEW AND APPROVAL AS DESCRIBED IN THIS SECTION.
2. PERFORM AND WITNESS A HYDRANT FLOW TEST WHICH WILL BE USED FOR CONTRACTOR'S HYDRAULIC CALCULATIONS.
3. REFER TO FLOOR PLANS FOR OCCUPANCY HAZARD CLASSIFICATIONS OF EACH SPACE PER NFPA-13.
4. PERFORM HYDRAULIC CALCULATIONS IN ACCORDANCE WITH NFPA-13 REQUIREMENTS FOR HYDRAULICALLY DESIGNED (DENSITY/AREA METHOD) SPRINKLER SYSTEMS.

OCCUPANCY HAZARD	DESIGN DENSITY [GPM/SF]	DESIGN AREA [SF]	HOSE ALLOWANCE [GPM]
LIGHT HAZARD	0.10	1,500	100
ORDINARY HAZARD 1	0.15	1,500	250
ORDINARY HAZARD 2	0.20	1,500	250

5. THE SIZE OF THE HYDRAULIC REMOTE AREA IS PERMITTED TO BE REDUCED ON WET PIPE SPRINKLER SYSTEMS PER NFPA-13 REQUIREMENTS WHERE QUICK RESPONSE SPRINKLERS ARE INSTALLED AND THE MAXIMUM CEILING HEIGHT DOES NOT EXCEED 20'-0".
6. ALL SPRINKLER SYSTEMS SHALL BE DESIGNED TO PROVIDE A MINIMUM SAFETY FACTOR OF 10 PSI.
7. DO NOT COMMENCE CONSTRUCTION UNTIL CONTRACTOR'S SHOP DRAWINGS AND HYDRAULIC CALCULATIONS HAVE BEEN APPROVED BY THE ENGINEER IN ACCORDANCE WITH NFPA-13.
8. PROVIDE ADDITIONAL HYDRAULIC CALCULATIONS AS REQUESTED DURING THE SUBMITTAL REVIEW AND INSTALLATION PROCESS.
9. THE "SOURCE" NODE POINT IN CONTRACTOR'S HYDRAULIC CALCULATIONS SHALL BE LOCATED AT THE LOCATION OF THE PRESSURE GAUGE HYDRANT FROM HYDRANT FLOW TEST. ALL PIPING AND FITTINGS BETWEEN THE BUILDING AND THE PRESSURE GAUGE HYDRANT SHALL BE INCLUDED IN HYDRAULIC CALCULATIONS.
10. OUTDOOR HOSE ALLOWANCES SHALL BE INCLUDED IN HYDRAULIC CALCULATIONS AT THE POINT OF CONNECTION OF THE BUILDING SPRINKLER WATER SERVICE ENTRANCE MAIN TO THE CITY WATER SUPPLY, OR AT THE LOCATION OF THE NEAREST HYDRANT, WHICHEVER IS CLOSER TO THE SPRINKLER SYSTEM RISER.

PIPE HANGERS AND SUPPORTS

1. ACCEPTABLE PRODUCTS: ALL SUPPORT SYSTEMS ARE TO BE UL LISTED AND FM APPROVED AND INSTALLED IN ACCORDANCE WITH NFPA-13.
2. PROVIDE COMBINATION CLEVIS TYPE HANGERS UNLESS NOTED OTHERWISE.
3. PIPE HANGERS: HEIGHT ADJUSTABLE STANDARD DUTY CLEVIS TYPE, WITH CROSS BOLT AND NUT.
4. SWIVEL RING TYPE HANGERS WILL BE ALLOWED FOR SPRINKLER PIPING UP TO A MAXIMUM OF 2 INCHES IN SIZE.
5. HANGER RODS: MILD, LOW CARBON STEEL, FULLY THREADED OR THREADED AT EACH END, WITH TWO NUTS AT EACH END FOR POSITIONING ROD AND HANGER, AND LOCKING EACH IN PLACE.

   5.1. PROVIDE HANGER ROD SIZED ACCORDING TO THE FOLLOWING SCHEDULE:

PIPE SIZE:	MINIMUM ROD DIAMETER:
4" AND SMALLER	3/8"
6" OR 8"	1/2"

6. RISER CLAMPS: MALLEABLE IRON OR STEEL.
7. PIPE HANGERS OR OTHER SUPPORTS SHALL NOT BE ATTACHED TO DUCTWORK, CONDUITS, PIPES OR OTHER CONSTRUCTURAL ELEMENTS OF THE BUILDING.

FIRE PROTECTION GENERAL NOTES

1. INSTALLATION WORK SHALL NOT PROCEED UNTIL SUBMITTALS HAVE BEEN RECEIVED, PROCESSED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND THE PROJECTS SPECIFICATIONS.
2. ALL NEW VALVES ON THE FIRE PROTECTION SYSTEM TO BE ELECTRICALLY SUPERVISED. TYPE AND EXACT LOCATION OF FLOW, PRESSURE AND SUPERVISORY SWITCHES SHALL BE ACCOMPLISHED BETWEEN THE DIFFERENT RESPONSIBLE TRADES.
3. SPRINKLERS SHALL BE SPACED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. SPRINKLER SYSTEMS SHALL NOT BE PERMITTED TO BE GRIDDED OR LOOPED.
5. COVER PLATES FOR CONCEALED PENDENT SPRINKLERS SHALL BE FACTORY PAINTED TO MATCH THE CEILING COLOR IN WHICH THEY ARE INSTALLED. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR CEILING COLORS AND COORDINATE WITH THE ARCHITECT TO DETERMINE THE NUMBER OF COLORS REQUIRED PRIOR TO PREPARING A PROPOSAL.
6. LOCATION OF SPRINKLERS IN CEILING TILES:
   A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ROOM FINISH SCHEDULES FOR CEILING TILE TYPES.
   B. IN STANDARD 2 BY 4 CEILING TILES, LOCATE SPRINKLERS IN THE CENTER OF TILES.
   C. IN STANDARD 2 BY 4 CEILING TILES WHICH SIMULATE 2 BY 2 CEILING TILES, LOCATE SPRINKLERS IN THE CENTER OF THE 2 BY 2 AREA.
7. MATERIALS:
   A. ALL PIPING 1"- 2" SHALL BE SCHEDULE 40 BLACK STEEL PIPING WITH THREADED CAST IRON FITTINGS, OR GROOVED TYPE FITTINGS AND MECHANICAL COUPLINGS. (SCHEDULE 10 PIPE WILL NOT BE ALLOWED).
   B. ALL PIPING 2-1/2" OR LARGER SHALL BE SCHEDULE 40 BLACK STEEL PIPING WITH THREADED CAST IRON FITTINGS OR GROOVED TYPE FITTINGS AND MECHANICAL COUPLINGS.
8. ALL SPRINKLER WORK SHALL BE IN STRICT CONFORMANCE WITH NFPA-13, STATE BUILDING CODE, AND THE OWNER'S INSURANCE COMPANY.
9. THE BASE BUILDING "CONTRACT DRAWINGS" AND "SPECIFICATIONS" INCLUDING ALL RESPECTIVE ADDENDA AND BULLETINS SHALL FORM A PART OF THIS WORK, AND ALL WORK SHALL BE SUBJECT TO RESPECTIVE PROVISIONS THEREOF.
10. REFER TO ARCHITECTURAL DRAWINGS FOR HUNG CEILING HEIGHTS AND CONSTRUCTION. WHERE WORK BETWEEN THIS DRAWING AND ARCHITECTURAL PLANS ARE IN CONFLICT, ADVISE PRIOR TO INSTALLATION OF PIPING.
11. COORDINATE WORK WITH ALL OTHER TRADES. NOTIFY ENGINEER TO AVOID CONFLICTS.
12. ADJUST AND/OR ADD SPRINKLERS AS REQUIRED UTILIZING ARCHITECT'S REFLECTED CEILING PLAN FOR LOCATION OF LIGHTS, DIFFUSERS, CABLE TRAYS, DUCTWORK, ETC.
13. ALL EQUIPMENT SHALL BE APPROVED BY OWNER'S INSURANCE COMPANY.
14. LAYOUT OF SPRINKLERS AND HYDRAULICS CALCULATIONS ARE FOR AUTHORITY HAVING JURISDICTION USE ONLY. SPRINKLER CONTRACTOR SHALL PREPARE FINAL SPRINKLER HEAD LAYOUT AND SHOP DRAWINGS INCLUDING HYDRAULIC CALCULATIONS AND OBTAIN ALL APPROVALS AS REQUIRED.
15. DO NOT INSTALL ANY SPRINKLER PIPING THAT WILL INTERFERE WITH THE MAINTENANCE/REMOVAL OF HVAC EQUIPMENT.
16. DETERMINE BEST LOCATION FOR ROUTING/RE-ROUTING ALL ASSOCIATED SPRINKLER LINES. PIPE ROUTING SHOWN SHALL BE USED WHERE POSSIBLE, AND ANY ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION, COORDINATION WITH OTHER TRADES, AND/OR TO MAINTAIN PROPER CLEARANCES SHALL BE PROVIDED. VERIFY EXISTING STRUCTURAL, MECHANICAL, ELECTRICAL INSTALLATIONS AND AVOID ANY/ALL OBSTRUCTIONS OR INTERFERENCES WITH FIRE PROTECTION PIPE ROUTING.
17. ALL SPRINKLERS MOUNTED IN CEILING SHALL BE LOCATED A MINIMUM OF 4" AWAY FROM ANY WALLS, CEILING HEIGHT CHANGES OR ANY OTHER VERTICAL INTERSECTING SURFACE.
18. PROVIDE SPRINKLERS ABOVE AND BELOW EXPOSED DUCTWORK OR OTHER OBSTRUCTIONS OVER 4 FEET IN WIDTH. FOR DUCTWORK LOCATED AGAINST WALLS, PROVIDE ADDITIONAL SPRINKLERS AS NEEDED IN ACCORDANCE WITH NFPA-13 REQUIREMENTS FOR OBSTRUCTIONS AGAINST WALLS. PROVIDE HEAD GUARDS WITH WATER SHIELDS FOR ALL SPRINKLERS INSTALLED BELOW EXPOSED DUCTWORK/OBSTRUCTIONS.
19. PROVIDE HEAD GUARDS ON SPRINKLERS IN ELECTRIC, TELEPHONE AND ELEVATOR EQUIPMENT ROOMS.
20. CUTTING OF STRUCTURAL AND/OR ARCHITECTURAL MEMBERS TO BE DONE ONLY WITH THE WRITTEN APPROVAL OF THE ARCHITECT.
21. FIRE STOP ALL PENETRATIONS OF SMOKE/FIRE WALLS, CEILINGS, FLOORS, ROOFS, ETC. FLASH AND COUNTERFLASH ROOF PENETRATIONS.
22. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE NON-ACCESSIBLE CEILINGS AND CHASES.
23. METHODS OF HANGING PIPES, HEADERS AND BRANCHES SHALL BE IN ACCORDANCE WITH NFPA-13.
24. ALL VALVES FOR FIRE SERVICE SHALL BE LISTED BY THE UNDERWRITER'S LABORATORIES, INC. AND THE FACTORY MUTUAL LABORATORIES. VALVES SHALL BE FACTORY MARKED "UL" AND "FM", 175 PSI WORKING PRESSURE.
25. ALL POWER WIRING SHALL BE ACCOMPLISHED UNDER THE ELECTRICAL DIVISION. ALL CONTROL AND INTERLOCK WIRING SHALL BE ACCOMPLISHED UNDER THIS SECTION OF THE SPECIFICATIONS IN ACCORDANCE WITH THE REQUIREMENTS IN THE ELECTRICAL DIVISION. COORDINATE ALL ELECTRICAL ITEMS WITH ELECTRICAL.
26. SPRINKLERS SHALL COVER THE ENTIRE AREA OF THE ROOM INCLUDING ALCOVES. SPRAY SHALL NOT BE BLOCKED BY WALLS OR PARTITIONS.
27. MAINTAIN A MINIMUM OF 18 INCHES FROM THE BOTTOM OF THE SPRINKLER DEFLECTOR TO THE TOP OF STORAGE/FILE STORAGE.
28. ALL FIRE PROTECTION SYSTEMS ARE SHOWN SCHEMATICALLY. IT IS NOT THE INTENT OF THESE PLANS TO SHOW ALL LISTED COMPONENTS, SUCH AS PIPING, FITTINGS, VALVES, ETC. CONTRACTOR IS RESPONSIBLE FOR INSTALLING SYSTEM PER APPLICABLE CODES.
29. PROVIDE A PERMANENTLY ATTACHED HYDRAULIC DESIGN INFORMATION SIGN STATING THE REQUIRED DESIGN CRITERIA FOR EACH HYDRAULICALLY DESIGNED SYSTEM.
30. INSPECTOR'S TEST VALVE SHALL NOT EXCEED 7 FEET ABOVE THE FINISHED FLOOR.
31. PROVIDE ADEQUATE DRAINAGE FOR THE ENTIRE SPRINKLER SYSTEM AS REQUIRED BY NFPA-13, COORDINATED WITH ALL APPLICABLE BUILDING SYSTEMS. PROVIDE LOW POINT AND AUXILIARY DRAINS FOR ALL TRAPPED PIPE PER NFPA-13 REQUIREMENTS. ALL AUXILIARY DRAINS REQUIRED FOR THE COMPLETE INSTALLATION OF THE BUILDING FIRE SPRINKLER SYSTEMS SHALL BE PROVIDED AS PART OF THE BASE BID CONTRACT.
32. THE SPRINKLER PIPING LAYOUT AND PIPE SIZES SHOWN ON THE CONTRACT DOCUMENTS ARE TO DEFINE THE DESIGN INTENT FOR COMPETITIVE BIDDING AND FOR PRELIMINARY SUBMISSION TO THE AUTHORITIES HAVING JURISDICTION. THE WORK OF THE CONTRACT INCLUDES HYDRAULIC CALCULATIONS AND FABRICATION SHOP DRAWINGS FOR THE ACTUAL INSTALLATION.
33. FLEXIBLE SPRINKLER HOSE SHALL USE BRAIDED-TYPE STEEL HOSE. CORRUGATED STEEL HOSE SHALL NOT BE ALLOWED.
34. PROVIDE AUTOMATIC AIR VENTS ON ALL WET PIPE SPRINKLER SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-13.

FIRE PROTECTION CONTRACTOR QUALIFICATION REQUIREMENTS

1. THE CONTRACTOR'S PROJECT MANAGER AND COMPANY FIELD ADVISOR SHALL BE MINIMUM NICET LEVEL III OR IV CERTIFIED IN WATER-BASED FIRE PROTECTION SYSTEMS, AS REQUIRED BY THE CONTRACT SPECIFICATIONS, NO EXCEPTIONS.
2. THE NICET LEVEL III OR IV CERTIFIED ENGINEERING TECHNICIAN SHALL DIRECTLY PRODUCE ALL PROJECT SUBMITTALS, SHOP DRAWINGS AND HYDRAULIC CALCULATIONS. DELEGATED DESIGN DUTIES TO OTHERS SHALL NOT BE PERMITTED. THE NICET LEVEL III OR IV CERTIFIED TECHNICIAN SHALL PROVIDE A LETTER WITH EACH SUBMITTAL ATTESTING TO THAT FACT THAT THE NICET LEVEL III OR IV CERTIFIED TECHNICIAN DIRECTLY PERFORMED ALL DUTIES ASSOCIATED WITH THE SUBMITTAL AND THAT ALL REQUIRED TASKS WERE NOT DELEGATED.
3. THE NICET LEVEL III OR IV CERTIFIED ENGINEERING TECHNICIAN SHALL WITNESS ALL FLOW TESTING AND ACCEPTANCE TESTING.
4. SUBSTITUTION OF A NICET LEVEL IV TECHNICIAN IS PERMITTED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, WHERE THE SUBSTITUTION IS A NEW YORK STATE LICENSED FIRE PROTECTION ENGINEER, WHO HAS PASSED THE FIRE PROTECTION PROFESSIONAL ENGINEERING EXAMINATION ADMINISTERED BY THE NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING (NCEES).

   4.1. IF THE CONTRACTOR CHOOSES TO SUBSTITUTE THE NICET LEVEL III OR IV TECHNICIAN WITH A LICENSED FIRE PROTECTION PROFESSIONAL ENGINEER, THE LICENSED FIRE PROTECTION ENGINEER SHALL SERVE ALL DUTIES OF THE NICET LEVEL III OR IV TECHNICIAN AS REQUIRED BY THE CONTRACT DOCUMENTS, WITHOUT EXCEPTION. THIS MEANS THAT THE SUBSTITUTED FIRE PROTECTION ENGINEER WILL BE REQUIRED TO DIRECTLY DEVELOP ALL SHOP DRAWINGS, HYDRAULIC CALCULATIONS AND SUBMITTALS (DELEGATED DESIGN IS NOT PERMITTED), AND THAT THE SUBSTITUTED FIRE PROTECTION ENGINEER SHALL ATTEND ALL PROJECT MEETINGS, SHALL PERFORM AND WITNESS ALL ACCEPTANCE TESTING, ETC.
5. UPON AWARD OF CONTRACT, PROVIDE A QUALIFICATIONS SUBMITTAL INDICATING THAT THE PROJECT NICET LEVEL III OR IV QUALIFICATION REQUIREMENTS ARE BEING MET. NO OTHER SUBMITTALS AND/OR REQUESTS FOR INFORMATION (RFIs) FROM THE CONTRACTOR WILL BE ADDRESSED AFTER AWARD OF CONTRACT UNTIL THE QUALIFICATIONS SUBMITTAL HAS BEEN SUBMITTED, REVIEWED AND APPROVED.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. GABELA · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

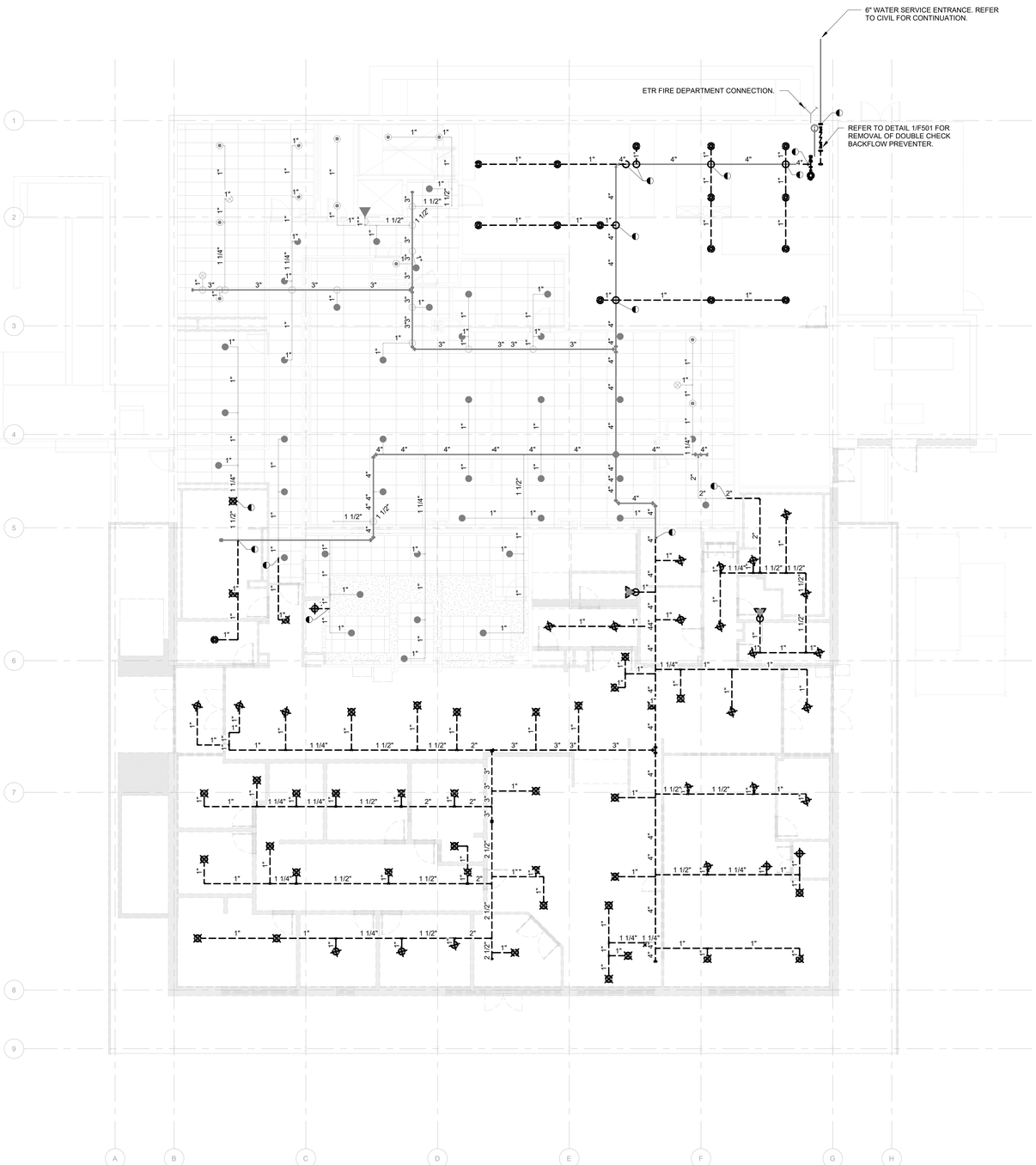
SCALE: NTS

SHEET NAME:
FIRE PROTECTION NOTES AND SYMBOLS

SHEET NUMBER:
F001

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES

1. THERE IS NO EXISTING SPRINKLER PROTECTION ON THE SECOND FLOOR OR MECHANICAL MEZZANINE.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J CABEZAS · LICENSED PROFESSIONAL ENGINEER · 091078

SUCF Project No. 081056-00

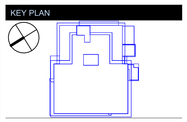
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

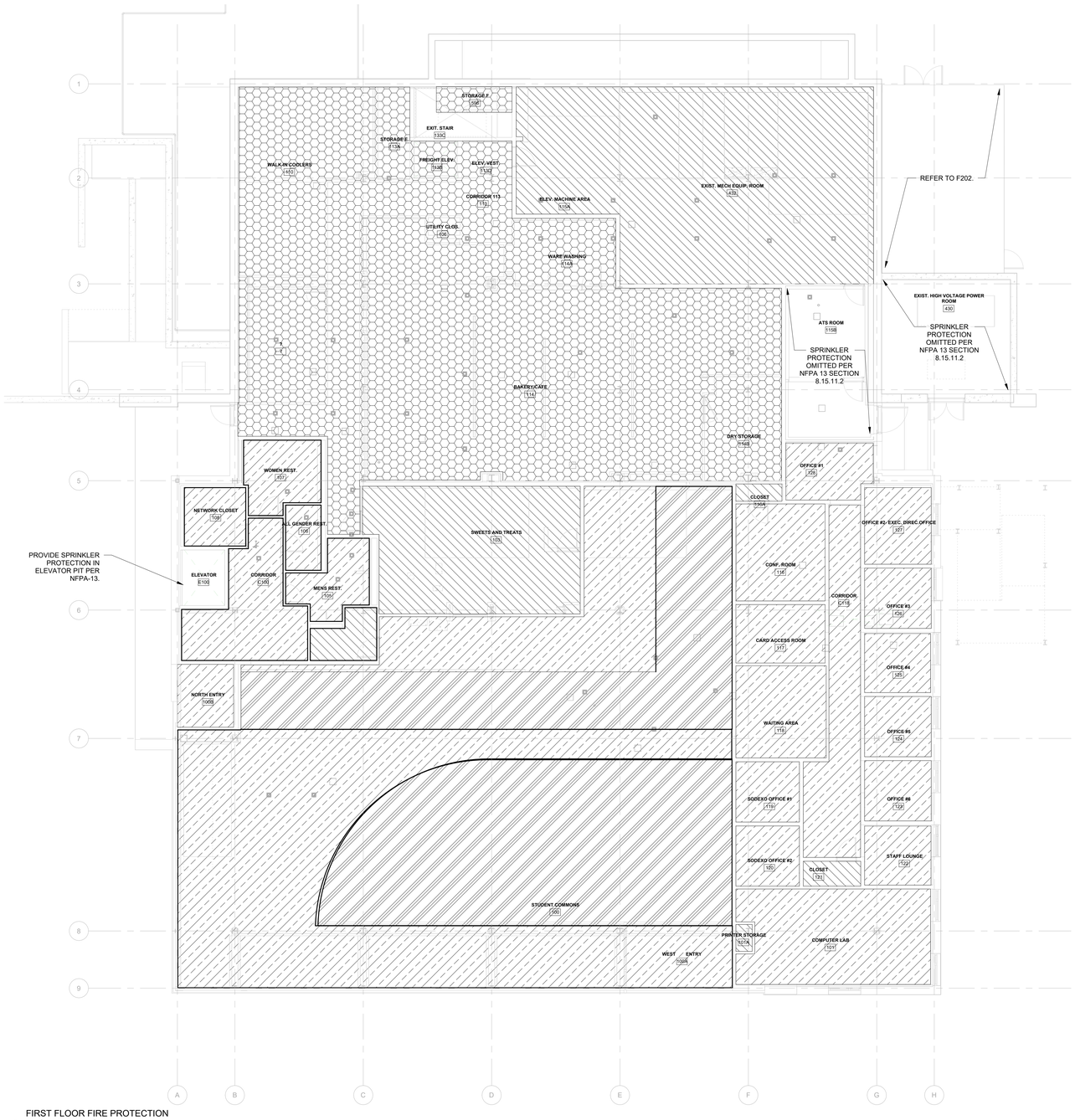
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
SHEET NUMBER:
FD101

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE PROTECTION REQUIREMENTS PLAN
1/8" = 1'-0"

FIRE PROTECTION REQUIREMENTS LEGEND

- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13. AREA PROVIDED WITH AN OPEN GRID CEILING THAT MEETS THE REQUIREMENTS OF NFPA-13 8.15.14. PROTECT ABOVE THE OPEN GRID CEILING IN ACCORDANCE WITH NPFA-13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 1 OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 2 OCCUPANCY PER NFPA 13.
- EXISTING TO REMAIN SPRINKLER SYSTEM.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 09 1078

SUCF Project No. 081056-00

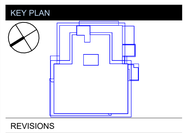
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

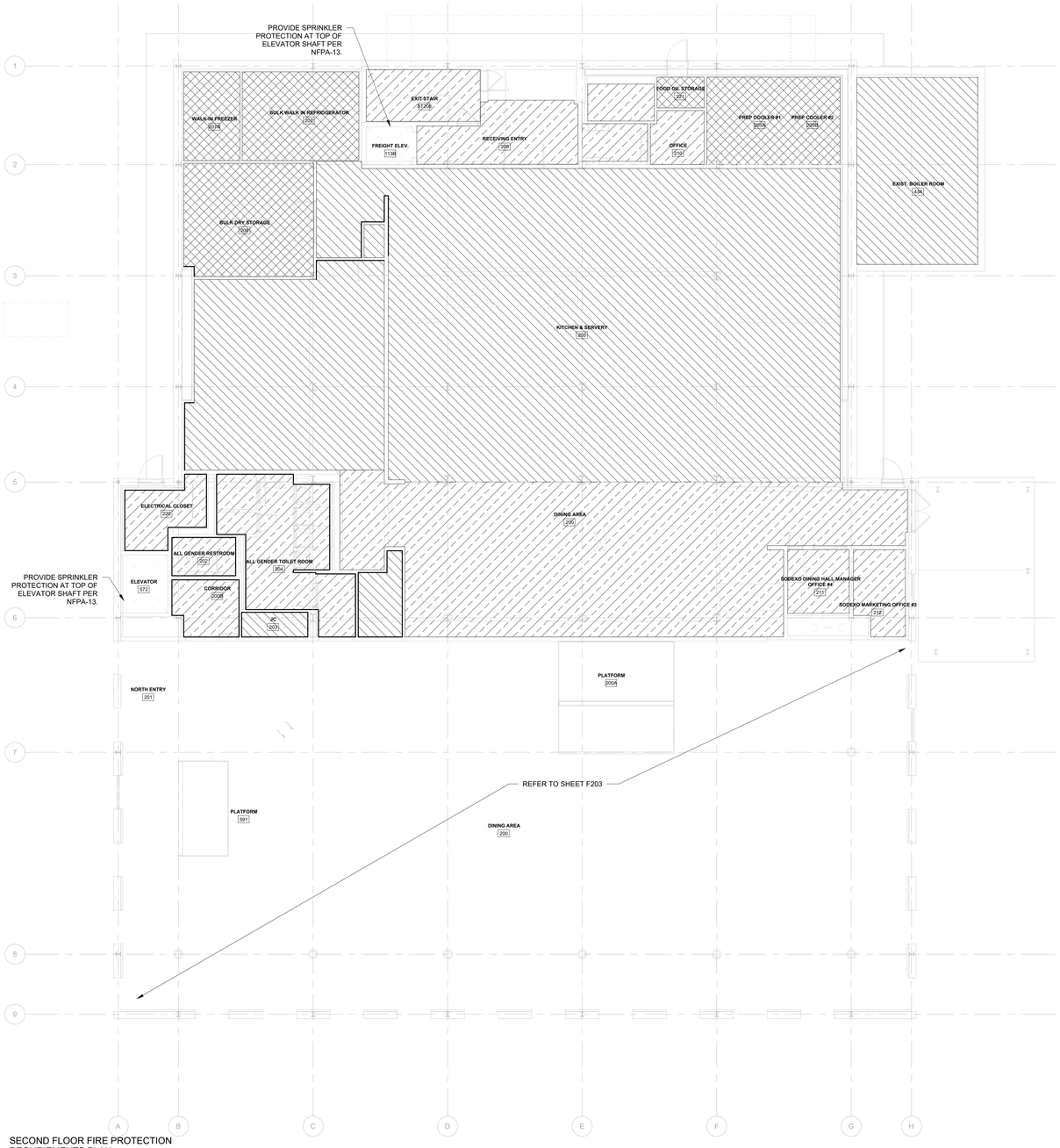
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRST FLOOR FIRE PROTECTION REQUIREMENTS PLAN
SHEET NUMBER:
F101

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR FIRE PROTECTION REQURIEMENTS PLAN
1/8" = 1'-0"

FIRE PROTECTION REQUIREMENTS LEGEND

- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13. AREA PROVIDED WITH AN OPEN GRID CEILING THAT MEETS THE REQUIREMENTS OF NFPA-13 8.15.14. PROTECT ABOVE THE OPEN GRID CEILING IN ACCORDANCE WITH NPFA-13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 1 OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 2 OCCUPANCY PER NFPA 13.
- EXISTING TO REMAIN SPRINKLER SYSTEM.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

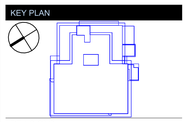
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

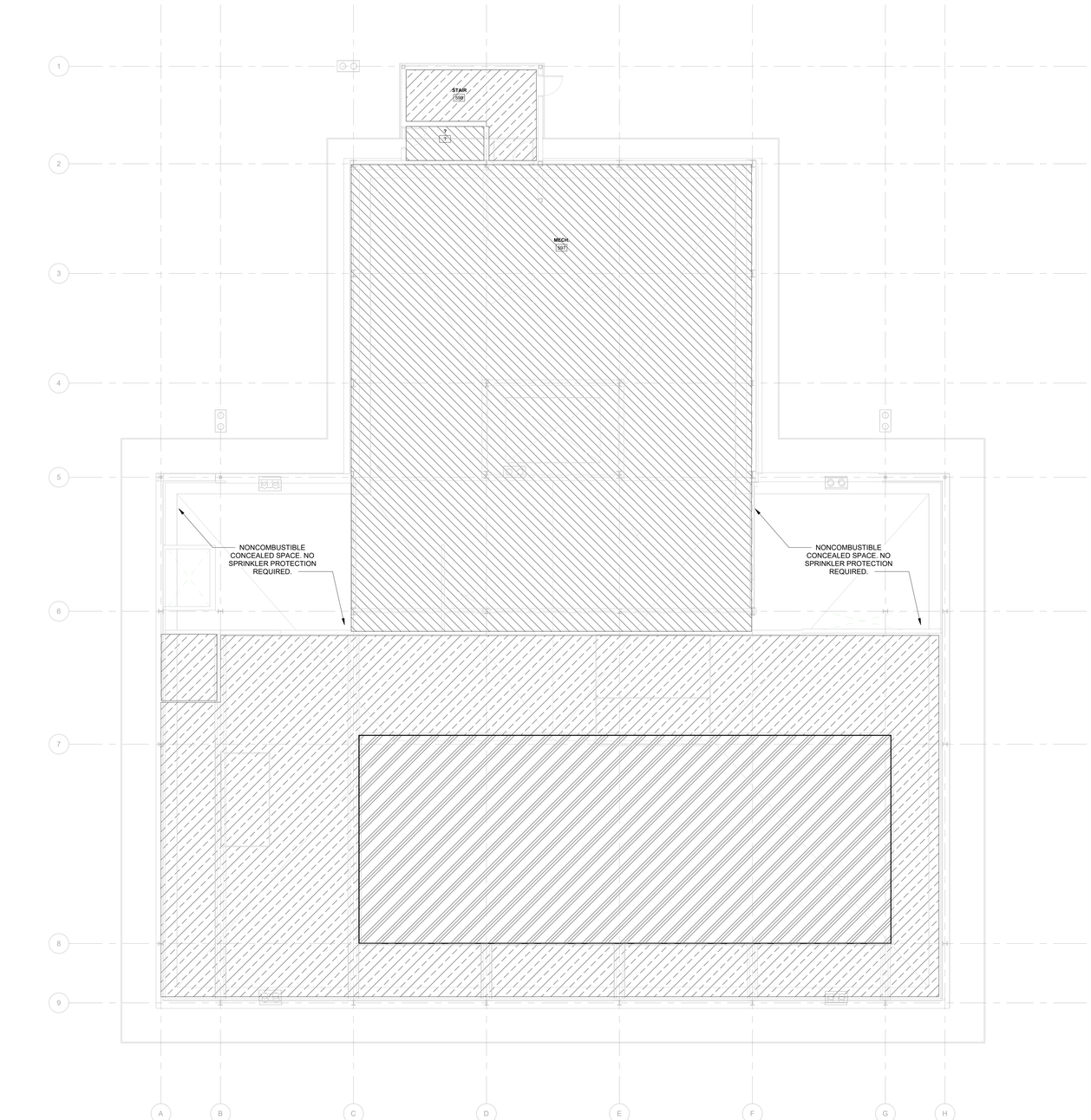
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
SECOND FLOOR FIRE PROTECTION REQUIREMENTS PLAN
SHEET NUMBER:
F102

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL MEZZANINE FIRE PROTECTION REQURIEMENTS
1/8" = 1'-0"

FIRE PROTECTION REQUIREMENTS LEGEND

- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR LIGHT HAZARD OCCUPANCY PER NFPA 13. AREA PROVIDED WITH AN OPEN GRID CEILING THAT MEETS THE REQUIREMENTS OF NFPA-13 8.15.14. PROTECT ABOVE THE OPEN GRID CEILING IN ACCORDANCE WITH NPFA-13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 1 OCCUPANCY PER NFPA 13.
- PROVIDE WET PIPE SPRINKLER SYSTEM DESIGNED FOR ORDINARY HAZARD GROUP 2 OCCUPANCY PER NFPA 13.
- EXISTING TO REMAIN SPRINKLER SYSTEM.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZAS · LICENSED PROFESSIONAL ENGINEER · 093078

SUCF Project No. 081056-00

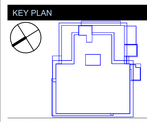
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



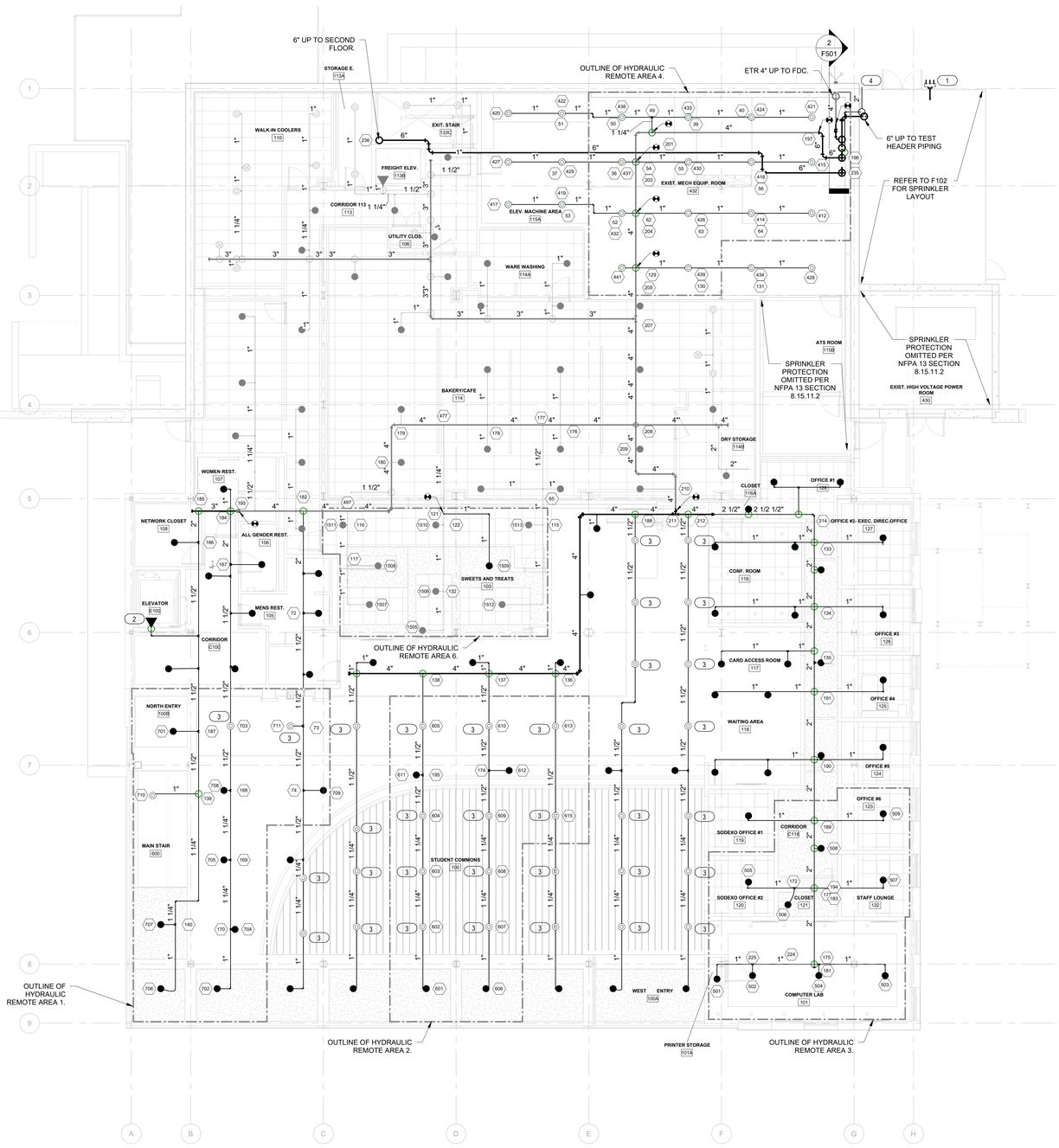
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
MECHANICAL MEZZ. FIRE PROTECTION REQUIREMENTS PLAN
SHEET NUMBER:
F103

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE PROTECTION PLAN
1/8" = 1'-0"

HYDRAULIC CALCULATION DATA
DESIGN AREA NUMBER: AREA 1
DESIGN AREA LOCATION: STUDENT COMMONS
HAZARD/OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SF
DESIGN AREA: 1,210 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 11
SYSTEM FLOW: 124.66 GPM
SYSTEM PRESSURE: 40.2 PSI
HOSE ALLOWANCE: 100 GPM
SYSTEM SAFETY FACTOR: 22.9 PSI

HYDRAULIC CALCULATION DATA
DESIGN AREA NUMBER: AREA 4
DESIGN AREA LOCATION: MECHANICAL ROOM 432
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 1,048 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 22
SYSTEM FLOW: 419.8 GPM
SYSTEM PRESSURE: 41.1 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 19.35 PSI

HYDRAULIC CALCULATION DATA
DESIGN AREA NUMBER: AREA 2
DESIGN AREA LOCATION: STUDENT COMMONS
HAZARD/OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SF
DESIGN AREA: 1,204 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 14
SYSTEM FLOW: 291.48 GPM
SYSTEM PRESSURE: 48.4 PSI
HOSE ALLOWANCE: 100 GPM
SYSTEM SAFETY FACTOR: 14.25 PSI

HYDRAULIC CALCULATION DATA
DESIGN AREA NUMBER: AREA 3
DESIGN AREA LOCATION: COMPUTER LAB/OFFICES
HAZARD/OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SF
DESIGN AREA: 933 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 9
SYSTEM FLOW: 160.1 GPM
SYSTEM PRESSURE: 50.2 PSI
HOSE ALLOWANCE: 100 GPM
SYSTEM SAFETY FACTOR: 12.67 PSI

HYDRAULIC CALCULATION DATA
DESIGN AREA NUMBER: AREA 6
DESIGN AREA LOCATION: DINER & SWEETS AND TREATS
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 639 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 9
SYSTEM FLOW: 155.20 GPM
SYSTEM PRESSURE: 33.0 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 29.55 PSI

KEYED NOTES

1. PROVIDE TEST HEADER FOR MEANS OF TESTING BACKFLOW PREVENTER. TEST HEADER SHALL CONSIST OF 3 (THREE) 2-1/2" HOSE VALVES.
2. PROVIDE SPRINKLER PROTECTION IN ELEVATOR PIT PER NFPA 13.
3. UPRIGHT SPRINKLER LOCATED ABOVE OPEN-GRID CEILING. SPRINKLER PROTECTION NOT REQUIRED UNDER OPEN-GRID CEILING IN ACCORDANCE WITH NFPA 13 SECTION 8.15.14.
4. MAIN DRAIN OUTLET. REFER TO DETAIL 3/F501.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

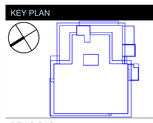
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



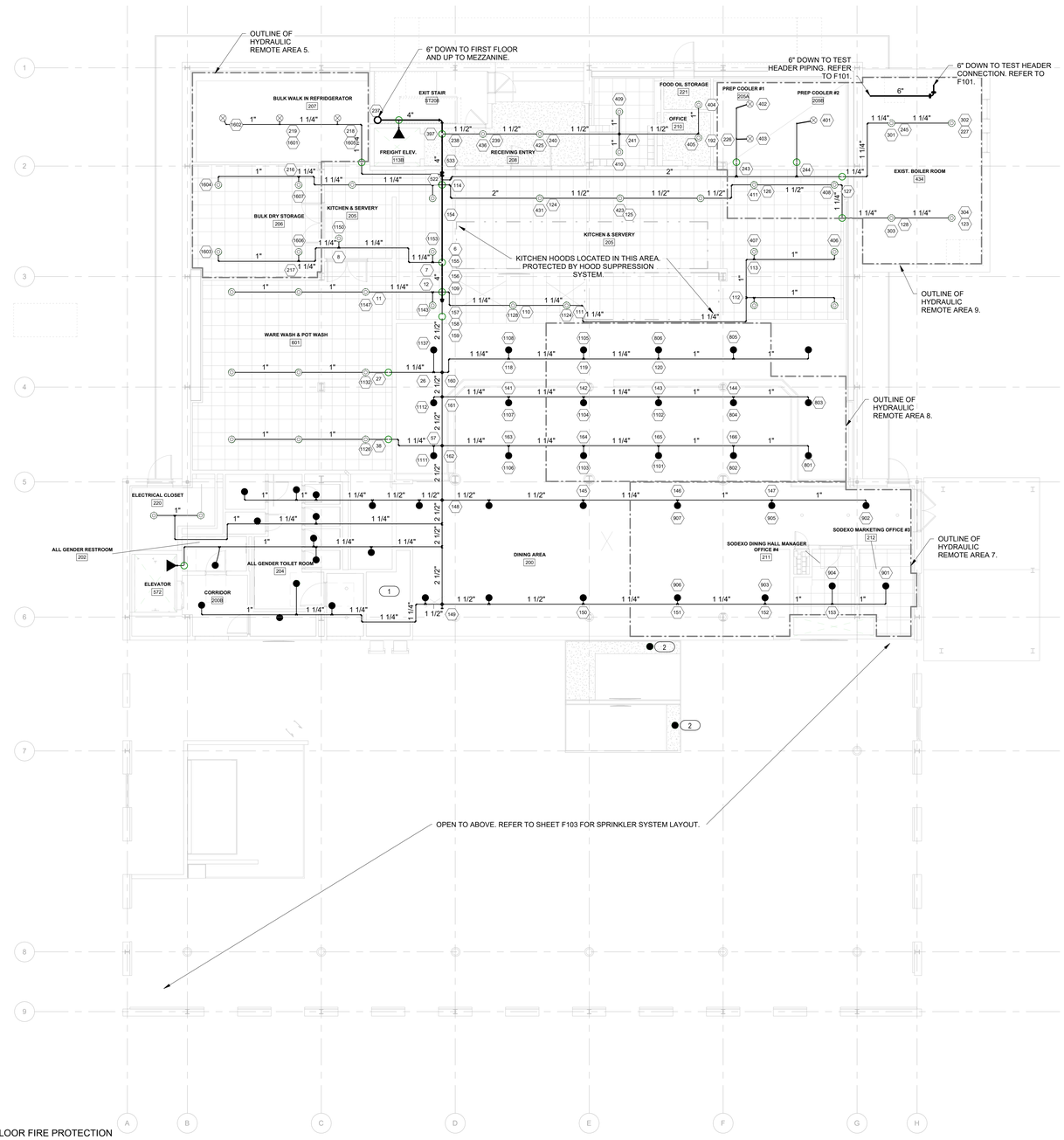
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME: FIRST FLOOR FIRE PROTECTION PLAN
SHEET NUMBER: F201

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR FIRE PROTECTION PLAN
1/8" = 1'-0"

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 7
DESIGN AREA LOCATION: DINING AREA
HAZARD/OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SF
DESIGN AREA: 917 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 7
SYSTEM FLOW: 228.8 GPM
SYSTEM PRESSURE: 51.51 PSI
HOSE ALLOWANCE: 100 GPM
SYSTEM SAFETY FACTOR: 12.0 PSI

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 8
DESIGN AREA LOCATION: KITCHEN AND SERVERY
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 970 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 11
SYSTEM FLOW: 184.5 GPM
SYSTEM PRESSURE: 48.4 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 14.0 PSI

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 9
DESIGN AREA LOCATION: KITCHEN/BOILER ROOM
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 923 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 9
SYSTEM FLOW: 182.0 GPM
SYSTEM PRESSURE: 47.6 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 14.61 PSI

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 5
DESIGN AREA LOCATION: BULK STORAGE ROOM
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 2
DESIGN DENSITY: 0.20 GPM/SF
DESIGN AREA: 679 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 7
SYSTEM FLOW: 172.1 GPM
SYSTEM PRESSURE: 50.3 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 12.15 PSI

KEYED NOTES

1. SPRINKLER PROTECTION NOT PROVIDED IN NONCOMBUSTIBLE SHAFT IN ACCORDANCE WITH NFPA13.
2. SPRINKLER FED FROM SYSTEM ABOVE. REFER TO F103.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · DOMINIC J. CASAZZA · LICENSED PROFESSIONAL ENGINEER · 091078

SUCF Project No. 081056-00

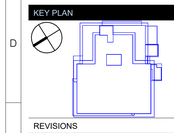
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



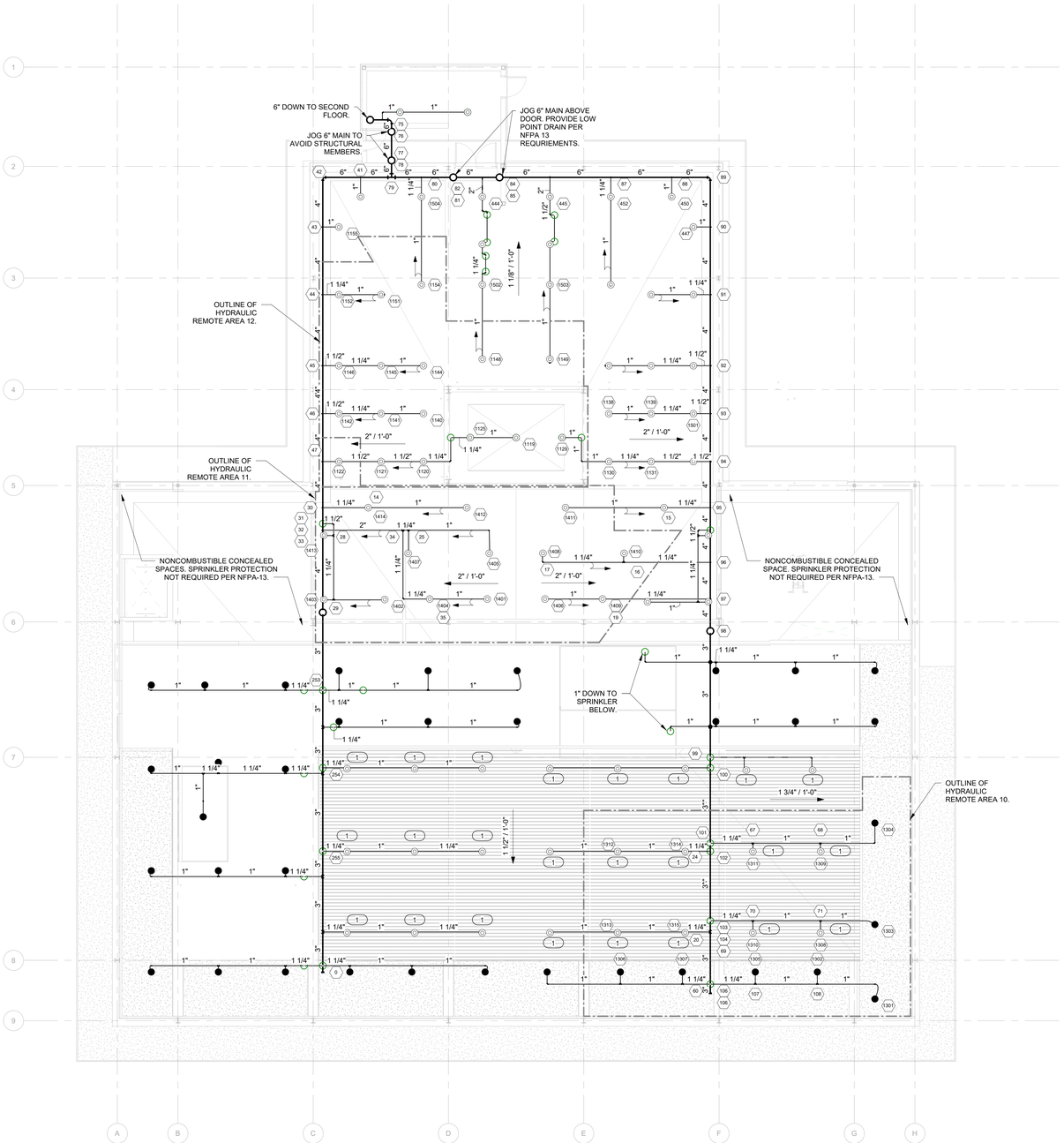
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
SECOND FLOOR FIRE PROTECTION PLAN
SHEET NUMBER:
F202

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR/MECHANICAL MEZZANINE FIRE PROTECTION PLAN
1/8" = 1'-0"

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 10
DESIGN AREA LOCATION: DINING AREA
HAZARD/OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SF
DESIGN AREA: 1,505 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 15
SYSTEM FLOW: 279.2 GPM
SYSTEM PRESSURE: 48.36 PSI
HOSE ALLOWANCE: 100 GPM
SYSTEM SAFETY FACTOR: 14.39 PSI

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 11
DESIGN AREA LOCATION: MECHANICAL MEZZANINE
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 1,131 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 15
SYSTEM FLOW: 321.29 GPM
SYSTEM PRESSURE: 44.9 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 12.3 PSI

HYDRAULIC CALCULATION DATA

DESIGN AREA NUMBER: AREA 12
DESIGN AREA LOCATION: MECHANICAL MEZZANINE
HAZARD/OCCUPANCY: ORDINARY HAZARD GROUP 1
DESIGN DENSITY: 0.15 GPM/SF
DESIGN AREA: 1,177 SF
NUMBER OF SPRINKLERS IN DESIGN AREA: 17
SYSTEM FLOW: 366.0 GPM
SYSTEM PRESSURE: 46.4 PSI
HOSE ALLOWANCE: 250 GPM
SYSTEM SAFETY FACTOR: 14.55 PSI

KEYED NOTES

1 UPRIGHT SPRINKLER LOCATED ABOVE OPEN-GRID CEILING. SPRINKLER PROTECTION NOT REQUIRED UNDER OPEN-GRID CEILING IN ACCORDANCE WITH NFPA 13 SECTION 8.15.14.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J GASTFRIEND · 099076 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

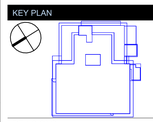
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

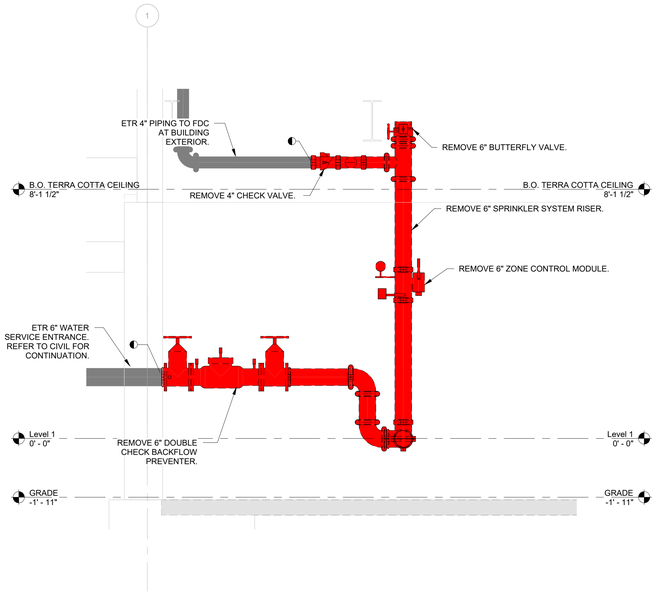
SCALE: NTS

SHEET NAME:
SECOND FLOOR/ MECHANICAL MEZZ. FIRE PROTECTION PLAN

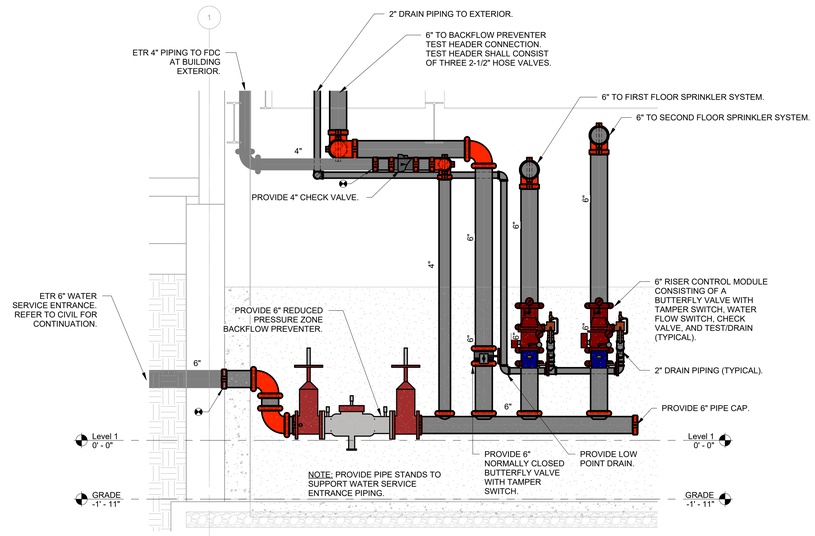
SHEET NUMBER:
F203

BID SET

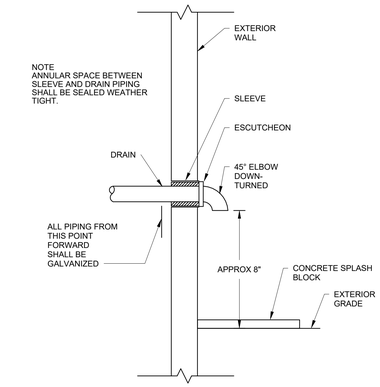
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



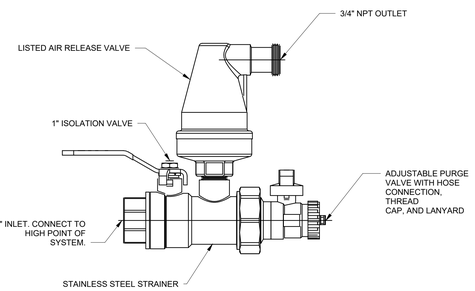
1 SCHEMATIC WATER SERVICE ENTRANCE DEMOLITION DETAIL
1/2" = 1'-0"



2 SCHEMATIC WATER SERVICE ENTRANCE INSTALLATION DETAIL
1/2" = 1'-0"



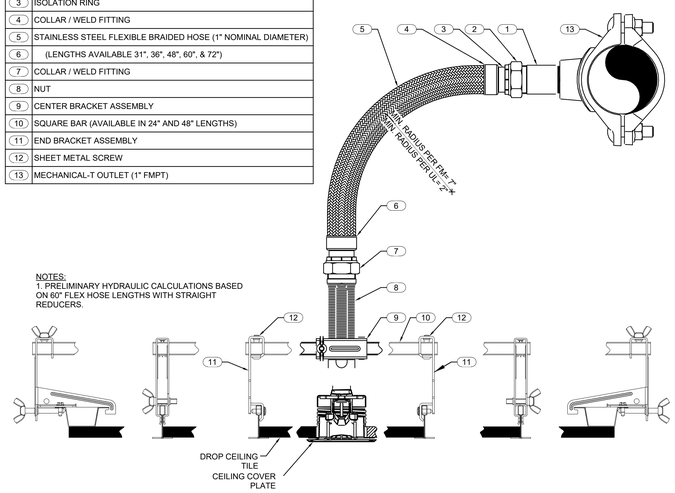
3 DRAIN THROUGH WALL DETAIL
NTS



AIR VENT NOTES:
1. CONNECT TO SYSTEM IN THE FOLLOWING LOCATIONS:
   A. HIGH POINT OF EACH WET PIPE SPRINKLER SYSTEM AT THE END OF REMOTE MAIN OR BRANCH LINE.
   B. TOP OF ALL WET PIPE SUPPLY RISERS FOR RISERS SERVING MULTIPLE FLOORS OR ELEVATIONS.
2. BASIS OF DESIGN AIR VENT: AGF MANUFACTURING M7900AAV

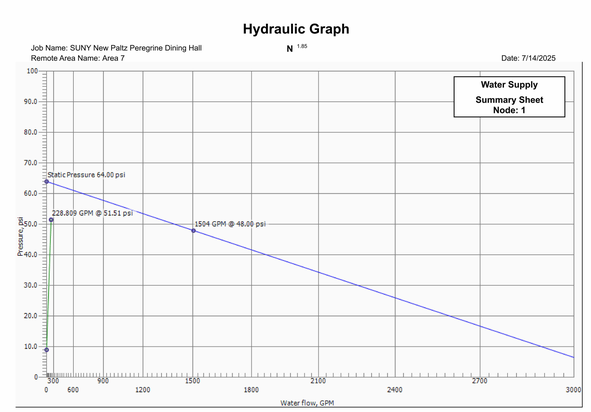
4 WET SYSTEM AIR VENT DETAIL
NTS

PRODUCT LEGEND	
1	INLET NIPPLE (1"MPT)
2	NUT
3	ISOLATION RING
4	COLLAR / WELD FITTING
5	STAINLESS STEEL FLEXIBLE BRAIDED HOSE (1" NOMINAL DIAMETER)
6	(LENGTHS AVAILABLE 31", 36", 48", 60", & 72")
7	COLLAR / WELD FITTING
8	NUT
9	CENTER BRACKET ASSEMBLY
10	SQUARE BAR (AVAILABLE IN 24" AND 48" LENGTHS)
11	END BRACKET ASSEMBLY
12	SHEET METAL SCREW
13	MECHANICAL-T OUTLET (1" FMPT)



NOTES:
1. PRELIMINARY HYDRAULIC CALCULATIONS BASED ON 60" FLEX HOSE LENGTHS WITH STRAIGHT REDUCERS.

5 FLEX HEAD DETAIL
NTS



A negative result in Required Pressure indicates that the Pump is capable of furnishing all of the pressure required by the demand reported within this calculation.
No pressure is being required from the Source/Supply to meet the demand (by a margin of this negative value).

@ M.E.P.CAD AutoSPRINK RVT v8.3.13.0 7/14/2025 4:34:53PM Page 1

NOTE: HYDRAULIC GRAPH PROVIDED FOR MOST DEMANDING BASIS OF DESIGN CALCULATION ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE WORKING DRAWINGS AND HYDRAULIC CALCULATIONS PER NFPA-13 REQUIREMENTS.

6 HYDRAULIC DESIGN GRAPH
NTS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. GABRIEL · 090776 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

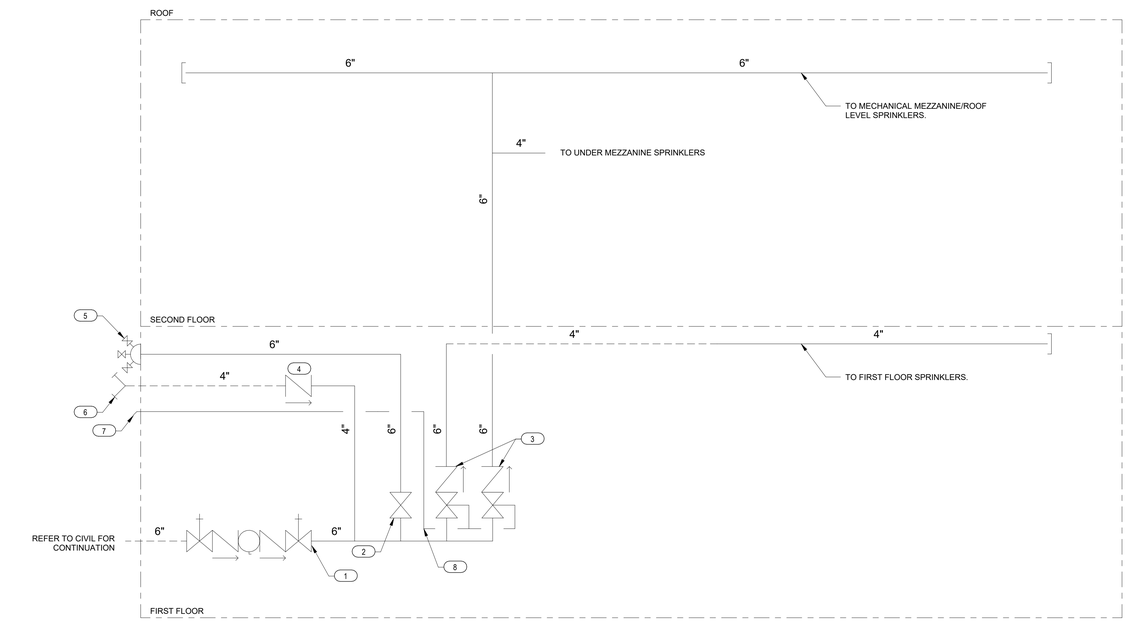
SCALE: NTS

SHEET NAME:
FIRE PROTECTION DETAILS

SHEET NUMBER:
F501

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRE PROTECTION RISER DIAGRAM
NTS

KEYED NOTES

1. 6" REDUCED PRESSURE ZONE BACKFLOW PREVENTER.
2. 6" NORMALLY CLOSED BUTTERFLY VALVE WITH TAMPER SWITCH.
3. 6" RISER CONTROL MODULE CONSISTING OF A BUTTERFLY VALVE WITH TAMPER SWITCH, WATER FLOW SWITCH, AND CHECK VALVE.
4. 4" CHECK VALVE.
5. BACKFLOW PREVENTER TEST HEADER.
6. ETR FIRE DEPARTMENT CONNECTION.
7. MAIN DRAIN TO OUTLET. REFER TO DETAIL 3/F501.
8. PROVIDE LOW POINT DRAIN.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 091078

SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRE PROTECTION RISER DIAGRAM
SHEET NUMBER:
F502

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

FIRE ALARM SYMBOLS LEGEND

FACP	FIRE ALARM CONTROL PANEL. PROVIDE NOTIFIER INSPIRE SERIES PANEL, NO EXCEPTIONS.
ANN	FIRE ALARM REMOTE ANNUNCIATOR
	FIRE ALARM SPEAKER.
CD	WALL MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE WITH CD RATING AS NOTED. WP DENOTES WEATHERPROOF.
CO	CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE WITH CD RATING AS NOTED.
	STROBE FOR GAS/CO DETECTION NOTIFICATION. 75 cd
	FIXED-TEMPERATURE RATE COMPENSATED HEAT DETECTOR. EL DENOTES DEDICATION TO ELEVATOR SHUNT TRIP.
	SMOKE DETECTOR. EL DENOTES DEDICATION TO ELEVATOR RECALL
CO	HEAT DETECTOR WITH CARBON MONOXIDE SOUNDER BASE
CO BAT	BATTERY POWERED CO DETECTOR
F	FIRE ALARM MANUAL PULL STATION
WFS	WATER FLOW SWITCH
TS	TAMPER SWITCH
TS-NC	TAMPER SWITCH (NORMALLY CLOSED)
IM	ADDRESSABLE MONITOR MODULE
DH	FIRE ALARM DOOR HOLDER
	DUCT SMOKE DETECTOR. DETECTOR TO BE PROVIDED, WIRED, AND PROGRAMMED BY FIRE ALARM CONTRACT. DETECTOR TO BE MOUNTED BY MECHANICAL CONTRACT.
FACP E	EXISTING TO REMAIN EST-3 FIRE ALARM CONTROL PANEL.
ANN R	REMOVE FIRE ALARM REMOTE ANNUNCIATOR
R	REMOVE WALL MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE.
R	REMOVE STROBE FOR GAS/CO DETECTION NOTIFICATION.
R	REMOVE FIXED-TEMPERATURE RATE COMPENSATED HEAT DETECTOR
CO R	REMOVE HEAT DETECTOR WITH CARBON MONOXIDE SOUNDER BASE
CO BAT R	REMOVE BATTERY POWERED CO DETECTOR
F R	REMOVE FIRE ALARM MANUAL PULL STATION
DH R	REMOVE FIRE ALARM DOOR HOLDER
R	REMOVE SMOKE DETECTOR
E	EXISTING TO REMAIN HEAT DETECTOR.

FIRE ALARM ABBREVIATIONS LEGEND

IAW	IN ACCORDANCE WITH
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
ACU	MASS NOTIFICATION AUTONOMOUS CONTROL UNIT
MNS	MASS NOTIFICATION SYSTEM
SF	SQUARE FEET
DEG	DEGREES
F	FAHRENHEIT
OT	ORDINARY TEMPERATURE
IT	INTERMEDIATE TEMPERATURE
FACP	FIRE ALARM CONTROL PANEL
FSCP	FIRE SUPPRESSION CONTROL PANEL
FAA	FIRE ALARM REMOTE ANNUNCIATOR
TCR	RADIO TRANSCIEVER
CO	CARBON MONOXIDE
IR	INFRARED
cd	CANDELA
B	DENOTES BLUE LENS FOR CO DETECTION NOTIFICATION
G	DENOTES GREEN LENS FOR COMBUSTIBLE GAS DETECTION NOTIFICATION
WP	DENOTES WEATHERPROOF

SCOPE OF WORK

1. PROVIDE AND INSTALL A WORKING FIRE ALARM EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM THROUGHOUT THE BUILDING. THE PROJECT CONSISTS OF A RENOVATION OF THE ENTIRE BUILDING WITH THE EXCEPTION OF THE FIRST FLOOR BAKERY AND BACK OF HOUSE AREA. THE WORK OF THIS PROJECT INCLUDES ISNTALLATION OF A NOTIFIER INSPIRE FIRE ALARM EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM. DEVICES AND APPLIANCES SHALL BE REMOVED AND REPLACED WITHIN THE FIRST FLOOR BAKERY AND BACK OF HOUSE AREA FOR COMPATIBILITY WITH THE NEW FIRE ALARM CONTROL PANEL AS INDICATED ON THE DRAWINGS. THE EXISTING EST-3 FIRE ALARM CONTROL PANEL SHALL BE MAINATINED TO MAINTAIN THE RESIDENCE HALL FIRE ALARM NETWORK ON CAMPUS. NO NEW FIRE ALARM DEVICES OR APPLIANCES SHOULD BE CONNECTED TO THE EDWARDS EST-3 FACP.
   A. THE SYSTEM SHALL BE COMPRISED OF DEVICES AND APPLIANCES AS INDICATED ON THIS SET OF DRAWINGS.
   B. THE SYSTEM SHALL BE INSTALLED AND PROGRAMMED SO THAT UPON THE ACTUATION OF AN ALARM, TROUBLE OR SUPERVISORY SIGNAL AT THE FIRE ALARM CONTROL UNIT, A CORRESPONDING SIGNAL SHALL BE TRANSMITTED IN ACCORDANCE WITH MONITORING NOTES ON THIS DRAWING.
   C. THE LOCATIONS OF FIRE ALARM DEVICES AND APPLIANCES SHALL BE LOCATED AS SHOWN IN THIS SET OF PLANS. DEVIATIONS FROM THIS LAYOUT SHALL NOT BE ALLOWED WITHOUT WRITTEN CONSENT FROM THE ARCHITECT AND ENGINEER.
   D. PROVIDE NEW CIRCUITS TO SUPPLY ALL NEW FIRE ALARM DEVICES AND APPLIANCES WITHIN THE FIRST FLOOR WORK AREA. PROVIDE BATTERIES AND POWER BOOSTER PANELS AS NEEDED FOR THE COMPLETE INSTALLATION OF THE BUILDING FIRE ALARM SYSTEM AND FACP IN ACCORDANCE WITH NFPA-72.
2. PRE-TEST ALL EXISTING TO REMAIN FIRE ALARM INITIATING DEVICES, NOTIFICATION APPLIANCES AND CIRCUITS PRIOR TO COMMENCING WORK. DOCUMENT ALL EXISTING CIRCUITS AND SEQUENCE OF OPERATIONS. FIRE ALARM CIRCUITS FED BY THE FIRE ALARM CONTROL PANEL IN THE FRONT VESTIBULE FOUND TO SUPPLY DEVICES AND APPLIANCES LOCATED IN THE BAKERY/BACK OF HOUSE AREA SHALL BE REPORTED TO ENGINEER PRIOR TO COMMENCING WORK. REPAIR AND REPLACE ALL NON-FUNCTIONING FIELD DEVICES AND CIRCUITS WITHIN THE BAKERY/BACK OF HOUSE AREA INDICATED ON THE DRAWINGS.
3. PRE-TEST ALL FIRE SAFETY EMERGENCY FUNCTIONS (DOOR HOLD OPEN DEVICES, FAN RELAYS, DELAYED EGRESS AND ACCESS CONTROLLED EXITT DOORS, ETC) PRIOR TO COMMENCING WORK. REPAIR AND REPLACE ALL NON-FUNCTIONING FIELD DEVICES AND CIRCUITS.
4. INSTALL THE SYSTEM SO THAT IT IS COMPLIANT WITH THE APPLICABLE CODES AND STANDARDS, INCLUDING THOSE NOTED ON THIS SHEET.
   A. WHERE CONFLICTS OR DISCREPANCIES OCCUR BETWEEN CONTRACT DRAWINGS, SPECIFICATIONS, AND REFERENCED CODES AND STANDARDS, THE MOST STRIGININENT REQUIREMENTS SHALL APPLY TO THE CONTRACT.
5. THE FIRE ALARM INSTALLATION CONTRACTOR AND VENDOR SHALL BE LICENSED BY THE NEW YORK DEPARTMENT OF STATE FOR FIRE ALARM SYSTEMS INSTALLATION.
6. THE SYSTEM SHALL BE TESTED FOR ACCEPTANCE IN ACCORDANCE WITH NFPA 72.
7. THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH NFPA 72. FINAL LOCATION OF AUDIBLE NOTIFICATION APPLIANCES SHALL BE SHOWN ON THE CONTRACTOR'S SHOP DRAWINGS AND SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND THE OWNER'S REPRESENTATIVE.
8. CONDUCT A THOROUGH EXAMINATION OF THE PREMISES PRIOR TO PREPARING A PROPOSAL. ANY CHANGES TO THE DESIGN MADE NECESSARY BY FIELD CONDITIONS SHALL BE CONVEYED TO THE ENGINEER PRIOR TO PREPARING A PROPOSAL. NO ADDITIONAL COSTS BEYOND THE PROPOSAL PRICE WILL BE ACCEPTED FOR FIELD CONDITIONS THAT COULD HAVE BEEN DETERMINED BY AN INSPECTION OF THE PREMISES.
9. PROVIDE AS-BUILT DRAWINGS. DRAWINGS SHALL BE AVAILABLE IN PDF AND AUTOCAD FORMATS.

APPLICABLE CODES AND STANDARDS

1. BCNYS, BUILDING CODE OF NEW YORK STATE, 2025
2. FCNYS, FIRE CODE OF NEW YORK STATE, 2025
3. EBCNYS, EXISTING BUILDING CODE OF NEW YORK STATE, 2025
4. NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2022
5. NFPA 70, NATIONAL ELECTRIC CODE, 2023

FIRE ALARM WORKING DRAWINGS AND SUBMITTALS:

1. PROVIDE PRODUCT SUBMITTALS FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION. PRODUCT SUBMITTALS SHALL INCLUDE MANUFACTURERS, MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES AND MATERIALS.
2. PROVIDE SHOP DRAWINGS AND CALCULATIONS FOR REVIEW AND APPROVAL IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS PRIOR TO SYSTEM INSTALLATION. THE SHOP DRAWINGS AND CALCULATIONS SHALL, AT A MINIMUM, INCLUDE:
   A. A FLOOR PLAN WHICH INCLUDES THE FOLLOWING:
      a. INDICATES THE USE OF ALL ROOMS.
      b. LOCATIONS OF ALARM-INITIATING AND NOTIFICATION APPLIANCES.
      c. ALARM CONTROL AND TROUBLE SIGNALING EQUIPMENT.
      d. POWER CONNECTION.
      e. CONDUCTOR TYPES AND SIZES.
      f. DETAILS OF CEILING HEIGHT AND CONSTRUCTION.
   B. THE INTERFACE OF SAFETY FIRE CONTROL FUNCTIONS, SUCH AS HVAC SHUTDOWN AND/OR CLOSING OF DAMPERS.
   C. A DETAILED ONE-LINE DIAGRAM OF THE FIRE ALARM SYSTEM COMPONENTS AND WIRING.
   D. DOCUMENTATION INDICATING INTELLIGIBILITY OF AUDIBLE NOTIFICATION (STI OR CIS) IS COMPLIANT WITH NFPA 72 FOR ALL AREAS.
   E. BATTERY CALCULATIONS.
   F. VOLTAGE DROP CALCULATIONS.
3. PROVIDE CONTRACT CLOSEOUT DOCUMENTS FOR APPROVAL BY THE ENGINEER AND THE STATE UNIVERSITY CONSTRUCTION FUND. THE CONTRACT CLOSEOUT DOCUMENTS SHALL INCLUDE, BUT ARE NOT LIMITED TO:
   A. SYSTEM RECORD OF COMPLETION IN ACCORDANCE WITH NFPA 72.
   B. AN OWNER'S MANUAL AND MANUFACTURER'S PUBLISHED INSTRUCTIONS IN ACCORDANCE WITH NFPA 72.
   C. RECORD (AS-BUILT) DRAWINGS IN ACCORDANCE WITH NFPA 72.
4. PROVIDE ADDITIONAL INFORMATION AND/OR CALCULATIONS AS REQUESTED DURING THE SUBMITTAL REVIEW AND APPROVAL PROCESS.

FIRE ALARM SYSTEM NOTES

1. SECONDARY POWER SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 72 TO PROVIDE POWER FOR A MINIMUM OF 24 HOURS STANDBY AND 15 MINUTES ALARM.
2. INSTALLATION WORK SHALL NOT PROCEED UNTIL SUBMITTALS HAVE BEEN RECEIVED, PROCESSED & APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECTS SPECIFICATIONS.
3. CONSULT THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THE SYSTEM DESIGN, INTENDED PERFORMANCE, PRODUCTS AND INSTALLATION.
4. DISCREPANCIES BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO BID
   A. WHERE DISCREPANCIES ARISE BETWEEN THE CONTRACT DRAWINGS, CONTRACT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS, THE MOST STRINGENT REQUIREMENTS SHALL APPLY TO THE CONTRACT.
5. A WORKING SET OF DOCUMENTS SHALL BE MAINTAINED & USED AS A DRAFT OF THE AS-BUILT DRAWINGS. THIS DRAFT SET SHALL BE AVAILABLE FOR INSPECTION OR REVIEW BY OWNER'S REPRESENTATIVES. THE DRAFT SET OF DOCUMENTS SHALL BE MAINTAINED ON A 48-HOUR BASIS: AS EACH PIECE OF EQUIPMENT IS INSTALLED, THE LOCATION SHALL BE ACCURATELY RECORDED ON THE DRAFT AS-BUILT DOCUMENTS WITHIN 48 HOURS; AS EACH CIRCUIT IS INSTALLED & CONNECTED TO EQUIPMENT, THE ROUTING & CONNECTION ORDER SHALL BE RECORDED ON THE DRAFT AS-BUILT DOCUMENTS WITHIN 48 HOURS. CONSULT THE PROJECT SPECIFICATIONS FOR COMPLETE INFORMATION ON THE REQUIREMENTS FOR AS-BUILT DOCUMENTATION. DOCUMENTS SHALL BE TURNED OVER TO ENGINEER AT COMPLETION OF PROJECT.
6. ALL INITIATING DEVICES, CONTROL MODULES, MONITOR MODULES, NOTIFICATION APPLIANCES, & ALL OTHER EQUIPMENT SHALL BE INSTALLED ON STANDARD ELECTRICAL BACK BOXES THAT ARE SECURED TO THE BUILDING STRUCTURE.
7. WHERE EQUIPMENT MUST BE INSTALLED ON SUSPENDED CEILINGS OR BETWEEN BUILDING STRUCTURAL COMPONENTS, ADEQUATE FIXTURE BARS OR OTHER SUPPORT SHALL BE PROVIDED.
8. CABINET ASSEMBLY & MOUNTING SHALL BE SUCH THAT ALL SWITCHES & OPERATOR CONTROLS ARE NO LESS THAN 36 INCHES & NO MORE THAN 72 INCHES ABOVE THE FINISHED FLOOR.
9. CONTROL UNITS SHALL BE INSTALLED SO THAT WORKING CLEARANCES ARE MAINTAINED AROUND THE UNITS IN ACCORDANCE WITH NFPA 70.
10. ALL CABLES OR CONDUITS SHALL ENTER THE SIDE OR BOTTOM. NO PENETRATIONS SHALL BE PERMITTED IN THE TOP HORIZONTAL SURFACE OF CONTROL UNIT ENCLOSURES.
11. AUDIBLE NOTIFICATION APPLIANCES, VISIBLE NOTIFICATION APPLIANCES, & COMBINATION NOTIFICATION APPLIANCES SHALL HAVE THE SAME STYLE BACKBOX & SHALL BE CAPABLE OF BEING INTERCHANGED.
12. SURFACE MOUNTED RACEWAY SHALL NOT BE ALLOWED IN FINISHED AREAS.
13. ALL CONNECTIONS TO CONTROLS, DEVICES, & APPLIANCES SHALL BE MADE TO TERMINALS OR PIGTAILS THAT ARE AN INTEGRAL PART OF THE CONTROL, DEVICE, OR APPLIANCE. FIELD MANUFACTURED PIGTAIL LEADS SHALL NOT BE ALLOWED.
14. ALL CONDUCTOR SPLICES SHALL BE MADE ON SCREW-TYPE TERMINAL BLOCKS. TERMINAL CABINETS WITH HINGED, LOCKABLE RED COVERS SHALL BE PROVIDED AT ALL FIRE ALARM & REMOTE CONTROL CIRCUIT JUNCTION POINTS WHERE MORE THAN EIGHT CONNECTIONS MUST BE MADE. JUNCTION BOXES WITH TERMINAL STRIPS MAY BE USED WHERE THE NUMBER OF CONNECTIONS IS EIGHT OR LESS. ALL TERMINALS WITHIN A TERMINAL CABINET OR JUNCTION BOX SHALL BE PROPERLY LABELED & SHALL BE ACCURATELY SHOWN ON THE AS-BUILT DRAWINGS.
15. FIRE ALARM SYSTEM WIRING SHALL NOT BE PERMITTED TO BE INSTALLED IN THE SAME CABLE, CONDUIT, OR RACEWAY AS POWER OR LIGHTING CIRCUITS EXCEPT AS ALLOWED IN ARTICLE 760 OF NFPA 70.
16. AC & DC WIRING SHALL NOT BE PERMITTED IN THE SAME CABLE, CONDUIT, OR RACEWAY.
17. ALL WIRING WITHIN CONTROL EQUIPMENT SHALL BE INSTALLED SO THAT THE WIRING & THE EQUIPMENT ARE ACCESSIBLE. WIRING SHALL BE INSTALLED SO THAT THE EQUIPMENT CAN BE SERVICED OR REMOVED WITHOUT DISCONNECTING OR MOVING UNRELATED CIRCUITS.
18. THE COVERS OF ALL JUNCTION BOXES SHALL BE PAINTED RED UNLESS OTHERWISE NOTED.
19. PENETRATIONS MADE IN ANY FIRE RATED BARRIER, SUCH AS STAIRWELLS, SHALL BE FILLED & PATCHED WITH A MATERIAL THAT PROVIDES A FIRE RATING EQUAL TO OR GREATER THAN THE PENETRATED ASSEMBLY. PROPRIETARY FILLER MATERIALS MUST BE APPROVED OR LISTED AS FIRE-RATED FILLER MATERIALS. PRIOR TO USING SUCH MATERIALS, SUBMIT COMPLETE MANUFACTURER'S INFORMATION FOR APPROVAL.
20. DETERMINE BEST LOCATION FOR ROUTING/RE-ROUTING ALL ASSOCIATED RACEWAYS. RACEWAY ROUTING SHOWN SHALL BE USED & ANY ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION. COORDINATION WITH OTHER TRADES, &/OR TO MAINTAIN PROPER CLEARANCES SHALL BE PROVIDED. VERIFY EXISTING STRUCTURAL, MECHANICAL, ELECTRICAL INSTALLATIONS & AVOID ANY/ALL OBSTRUCTIONS OR INTERFERENCE'S WITH FIRE ALARM RACEWAY ROUTING. RACEWAYS SHALL NOT BE RUN EXPOSED.
21. THE BASE BUILDING "CONTRACT DRAWINGS" INCLUDING ALL RESPECTIVE ADDENDA & BULLETINS SHALL FORM A PART OF THIS WORK & ALL WORK SHALL BE SUBJECT TO RESPECTIVE PROVISIONS THEREOF.
22. ALL FIRE PROTECTION SYSTEMS ARE SHOWN SCHEMATICALLY. IT IS NOT THE INTENT OF THESE PLANS TO SHOW ALL LISTED COMPONENTS. CONTRACTOR IS RESPONSIBLE FOR INSTALLING SYSTEM PER MANUFACTURER REQUIREMENTS. ALL SYSTEM COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER.
23. THE FIRE ALARM LAYOUT SHOWN ON THE CONTRACT DOCUMENTS ARE TO DEFINE THE DESIGN INTENT FOR COMPETITIVE BIDDING & FOR PRELIMINARY SUBMISSION TO THE AUTHORITIES HAVING JURISDICTION. THE WORK OF THE CONTRACT INCLUDES SHOP DRAWINGS FOR THE ACTUAL INSTALLATION CONDITIONS. THE SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.
24. EGRESS DOOR SWING MAY NOT BE AS SHOWN ON PLANS. LOCATE MANUAL PULL STATIONS ON DOORKNOB SIDE OF DOOR WITHIN 5 FT OF DOOR.
25. THE ACCEPTANCE TESTING OF THE FIRE ALARM SYSTEM SHALL BE INCLUDED IN THE CONTRACT. BEAR THE COST OF ANY FEES FROM THE FIRE DEPARTMENT & FOR ANY OTHER AUTHORITY HAVING JURISDICTION OF MANDATORY FIRE ALARM TESTING & COMMISSIONING.
26. PROVIDE PRIMARY & BATTERY BACKUP POWER & ALL ASSOCIATED WIRING TO ACCOMPLISH WORK.
27. FIRE ALARM SPEAKERS SHALL BE WIRED TO THE LOWEST WATTAGE TAP WHILE MAINTAINING REQUIRED AUDIBILITY AND INTELLIGIBILITY LEVELS.
28. ALL DEVICES SHALL BE UL/FM LISTED FOR USE WITH THE FIRE ALARM SYSTEM.
29. FIRE ALARM SIGNALING SYSTEM NOTIFYING AUDIO STROBE COVERAGE IS PER NFPA 72 PUBLIC MODE, THE AMERICANS WITH DISABILITIES ACT (ADA), & FIRE CODE FOR SPACING, CANDELA & AUDIO ALARM AMPLITUDE.
30. WHEN THE FIRE ALARM SYSTEM IS ACTIVATED, ALL HORN STROBES SHALL OPERATE IN A SYNCHRONIZED MANNER. ALARM FOR BUILDING EVACUATION AS DESCRIBED PER APPLICABLE CODES AND STANDARDS. ALL AUDIO/STROBES SHALL BE ADA APPROVED & SYNCHRONIZED. CANDELA RATING AS NOTED.
31. ALL DOOR HOLD OPEN DEVICES SHALL BE CONNECTED TO NEW FIRE ALARM SYSTEM. PROVIDE SEPARATE CIRCUIT FOR DOOR HOLD OPEN DEVICES.
32. ALL DUCT SMOKE DETECTORS, AND ANY DETECTOR INSTALLED WITHIN A CONCEALED SPACE OR INACCESSIBLE LOCATION, SHALL BE PROVIDED WITH A LISTED ALARM/SUPERVISORY INDICATOR WITH AN INTEGRAL RESET SWITCH IN AN ACCESSIBLE LOCATION.
33. ALL FIRE ALARM CABLE SHALL BE INSTALLED IN EMT CONDUIT. CONDUIT SHALL BE IDENTIFIED BY THE COLOR RED.

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.8000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. GABELA · LICENSED PROFESSIONAL ENGINEER · 091076

SUCF Project No. 081056-00

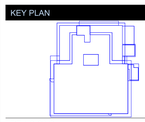
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



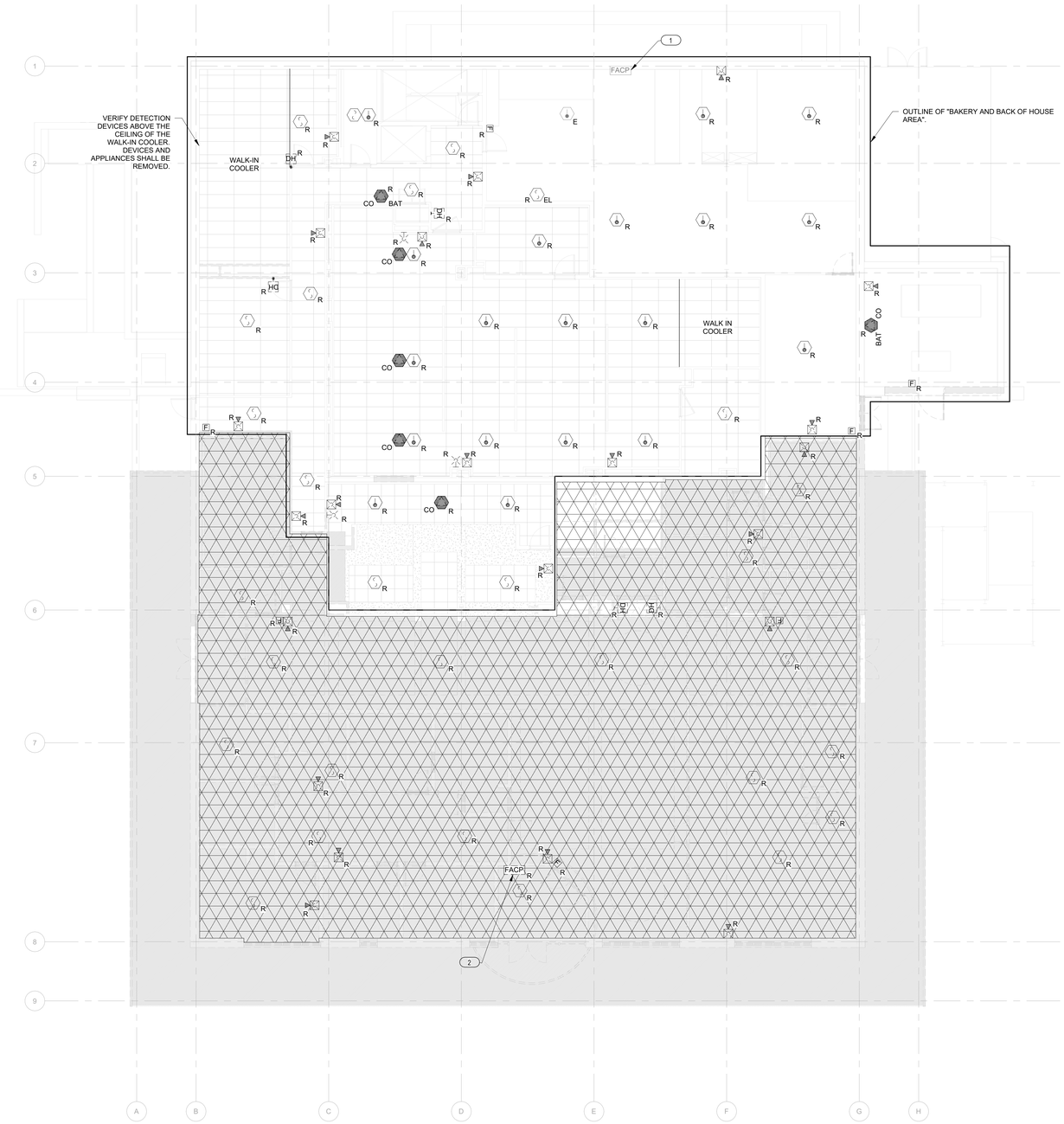
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRE ALARM NOTES AND SYMBOLS
SHEET NUMBER: FA001

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE ALARM DEMOLITION PLAN
1/8" = 1'-0"

KEYED NOTES

1. EXISTING TO REMAIN EDWARDS EST-3 FACP. EST-3 MUST REMAIN IN SERVICE DURING ENTIRETY OF CONSTRUCTION.
2. REMOVE EXISTING EDWARDS EST-3 FACP.

FIRE ALARM DEMOLITION LEGEND

REMOVE ALL FIRE ALARM EQUIPMENT WITHIN THIS AREA, INCLUDING, BUT NOT LIMITING TO DETECTION DEVICES, NOTIFICATION APPLIANCES, CONDUIT, AND CIRCUITS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J CABEZAS · 09 1078 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

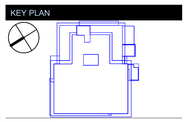
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

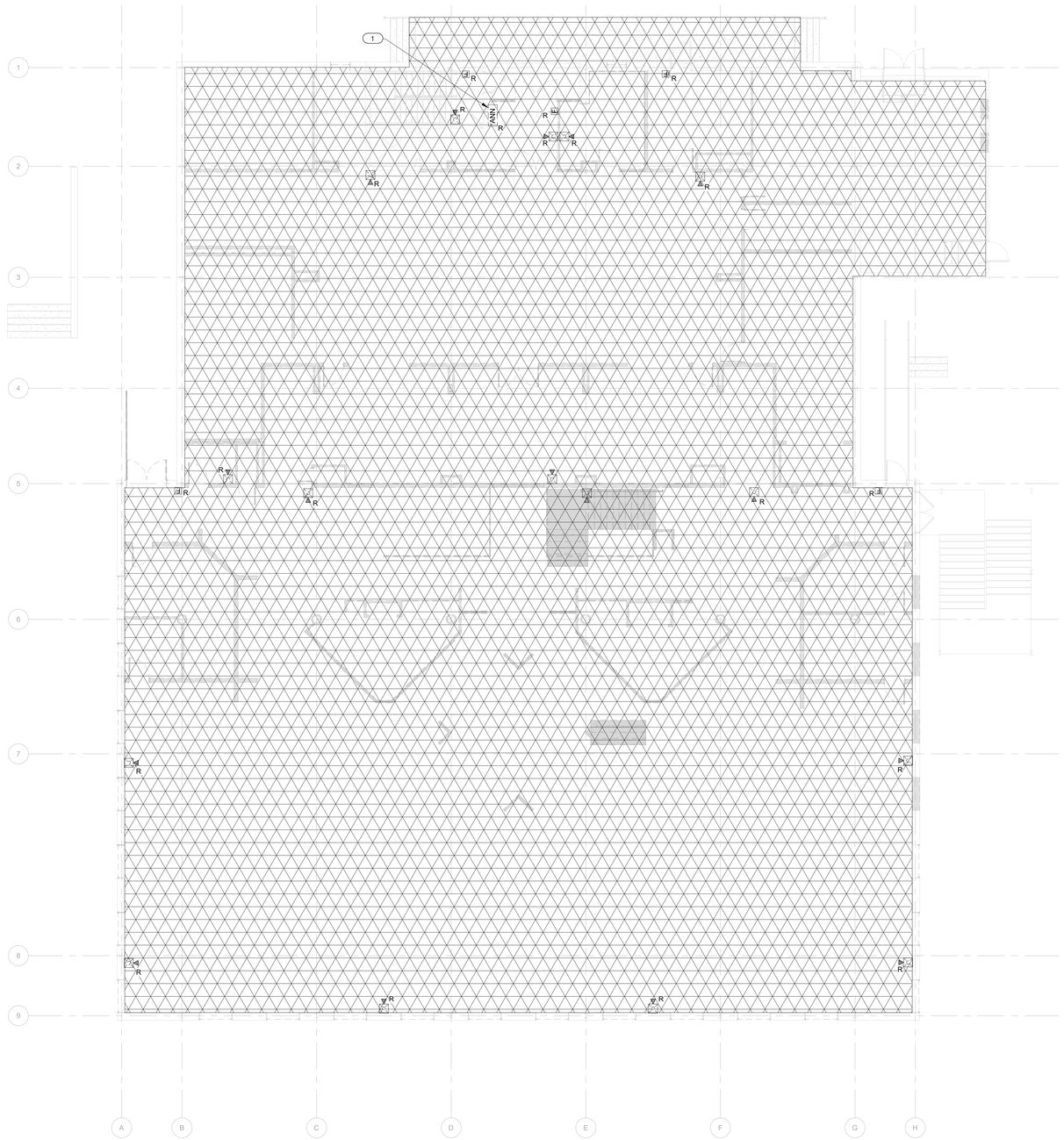
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRST FLOOR FIRE ALARM DEMOLITION PLAN
SHEET NUMBER:
FAD101

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECOND FLOOR FIRE ALARM DEMOLITION PLAN
1/8" = 1'-0"

KEYED NOTES

1 REPLACE EXISTING EDWARDS EST-3 ANNUNCIATOR WITH A NEW NOTIFIER INSPIRE ANNUNCIATOR.

FIRE ALARM DEMOLITION LEGEND

REMOVE ALL FIRE ALARM EQUIPMENT WITHIN THIS AREA, INCLUDING, BUT NOT LIMITING TO DETECTION DEVICES, NOTIFICATION APPLIANCES, CONDUIT, AND CIRCUITS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090176 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

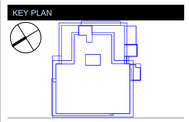
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



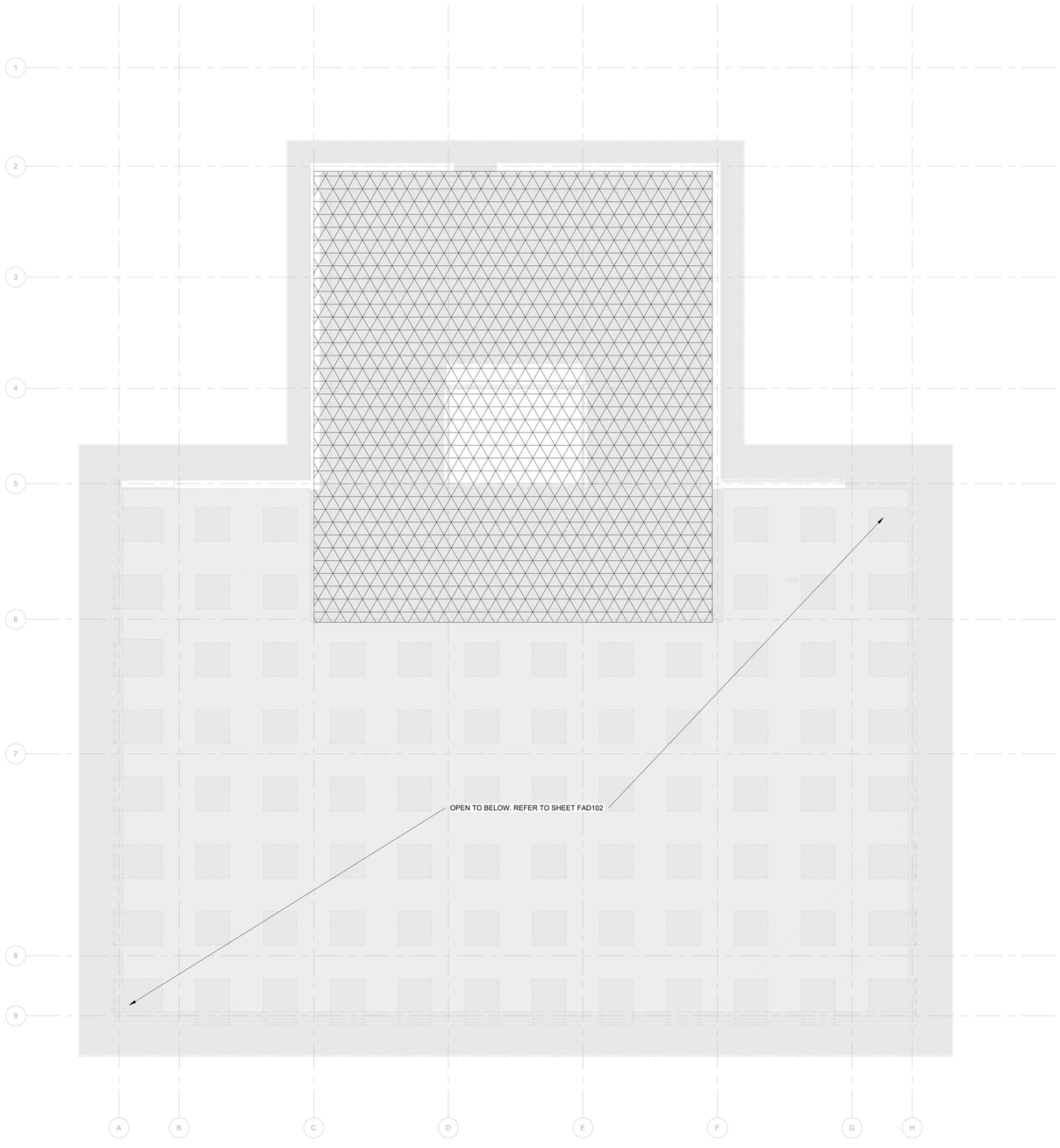
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME: SECOND FLOOR FIRE ALARM DEMOLITION PLAN
SHEET NUMBER: FAD102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL MEZZANINE FIRE ALARM DEMOLITION PLAN
1/8" = 1'-0"

FIRE ALARM DEMOLITION LEGEND

REMOVE ALL FIRE ALARM EQUIPMENT WITHIN THIS AREA, INCLUDING, BUT NOT LIMITING TO DETECTION DEVICES, NOTIFICATION APPLIANCES, CONDUIT, AND CIRCUITS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

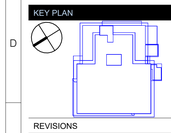
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

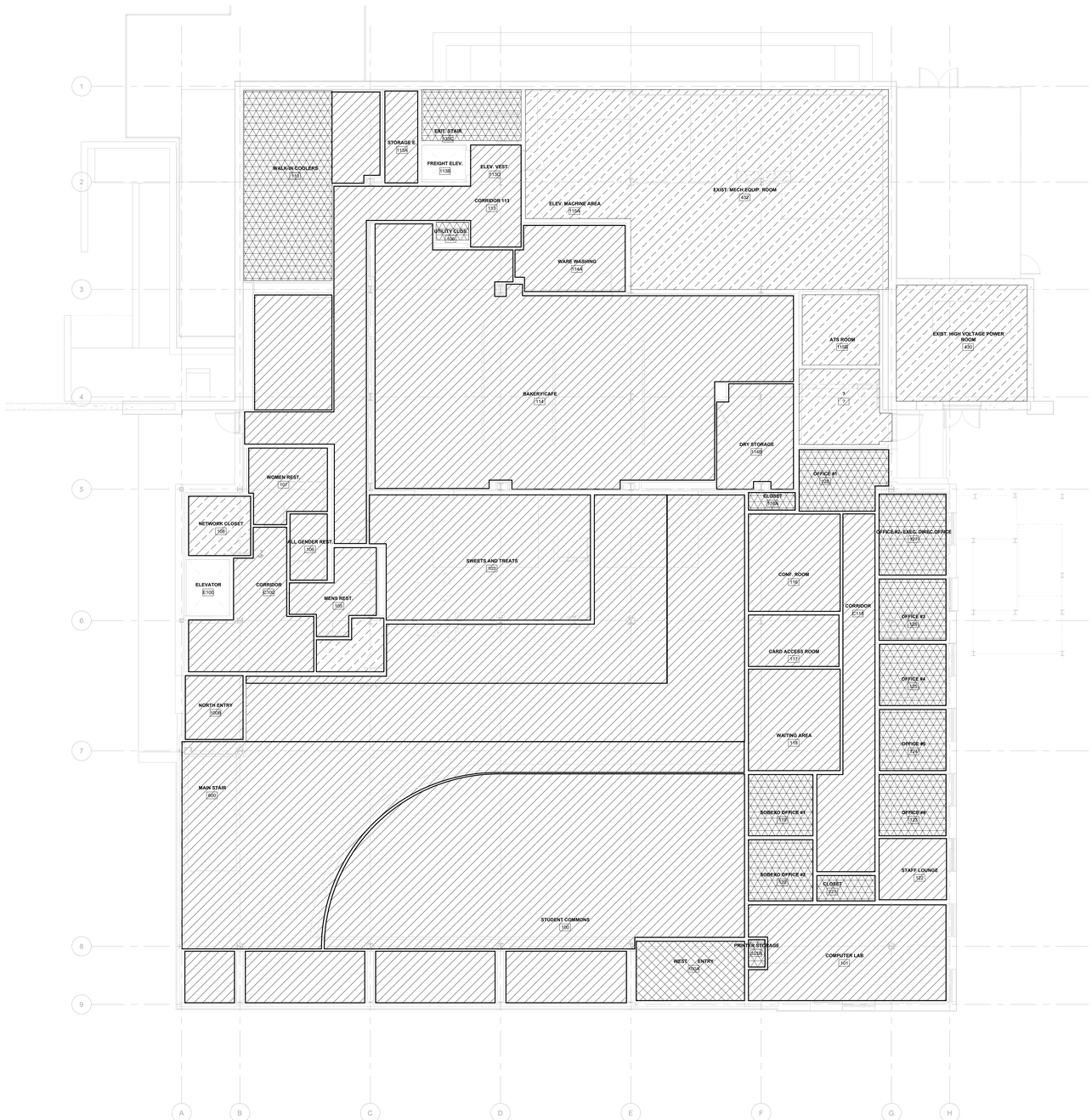
SCALE: NTS

SHEET NAME:
MECHANICAL MEZZ. FIRE ALARM DEMOLITION PLAN

SHEET NUMBER:
FAD103

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE ALARM NOTIFICATION REQUIREMENTS PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FA-200 SERIES FOR APPLIANCE LOCATIONS.

FIRE ALARM NOTIFICATION REQUIREMENTS LEGEND

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION THROUGHOUT ALL CORRIDORS, PUBLIC AREAS, AND COMMON USE AREAS PER NFPA 72. INTELLIGIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). VISUAL AND/OR AUDIBLE NOTIFICATION IS NOT REQUIRED PER NFPA 72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION PER NFPA-72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

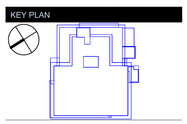
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



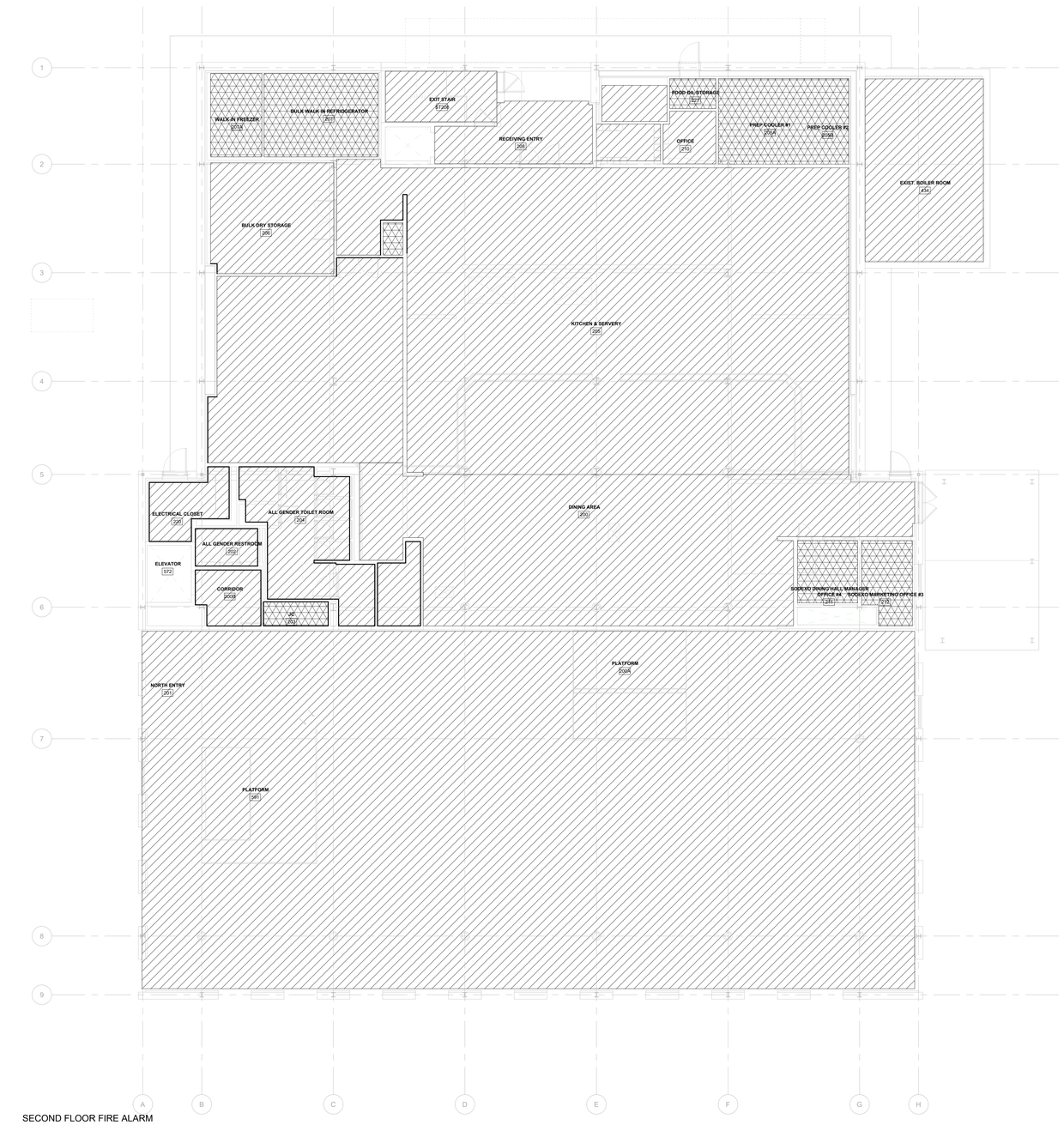
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRST FLOOR FIRE ALARM NOTIFICATION REQUIREMENTS
SHEET NUMBER:
FA101

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR FIRE ALARM NOTIFICATION REQUIREMENTS
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FA-200 SERIES FOR APPLIANCE LOCATIONS.

FIRE ALARM NOTIFICATION REQUIREMENTS LEGEND

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION THROUGHOUT ALL CORRIDORS, PUBLIC AREAS, AND COMMON USE AREAS PER NFPA 72. INTELLIGIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). VISUAL AND/OR AUDIBLE NOTIFICATION IS NOT REQUIRED PER NFPA 72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION PER NFPA-72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · ROMARO J. CABEZAS · 090 10178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

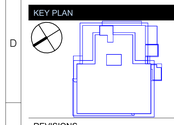
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

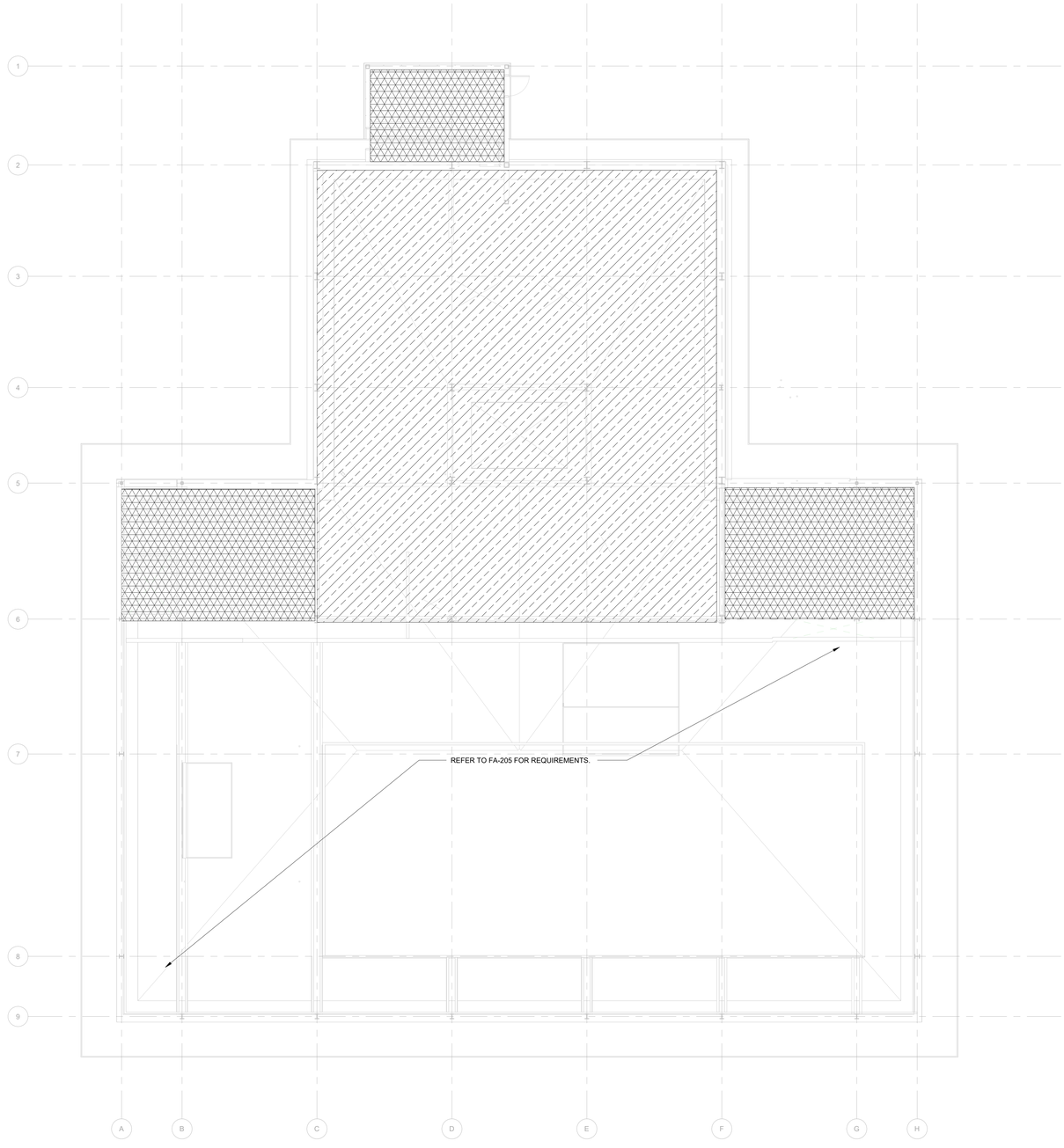
SCALE: NTS

SHEET NAME:
SECOND FLOOR FIRE ALARM NOTIFICATION REQUIREMENTS

SHEET NUMBER:
FA102

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL MEZZANINE FIRE ALARM NOTIFICATION REQURIEMENTS
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FA-200 SERIES FOR APPLIANCE LOCATIONS.

FIRE ALARM NOTIFICATION REQUIREMENTS LEGEND

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION THROUGHOUT ALL CORRIDORS, PUBLIC AREAS, AND COMMON USE AREAS PER NFPA 72. INTELLIGIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). VISUAL AND/OR AUDIBLE NOTIFICATION IS NOT REQUIRED PER NFPA 72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ACOUSTICALLY DISTINGUISHABLE SPACE (ADS). PROVIDE VISUAL AND AUDIBLE NOTIFICATION PER NFPA-72. INTELLIGIBILITY IS NOT REQUIRED. AUDIBILITY IS REQUIRED. MINIMUM SOUND LEVEL PRODUCED BY APPLIANCES SHALL BE 70 dBA.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 09 1078 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

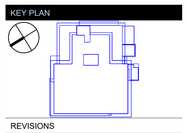
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

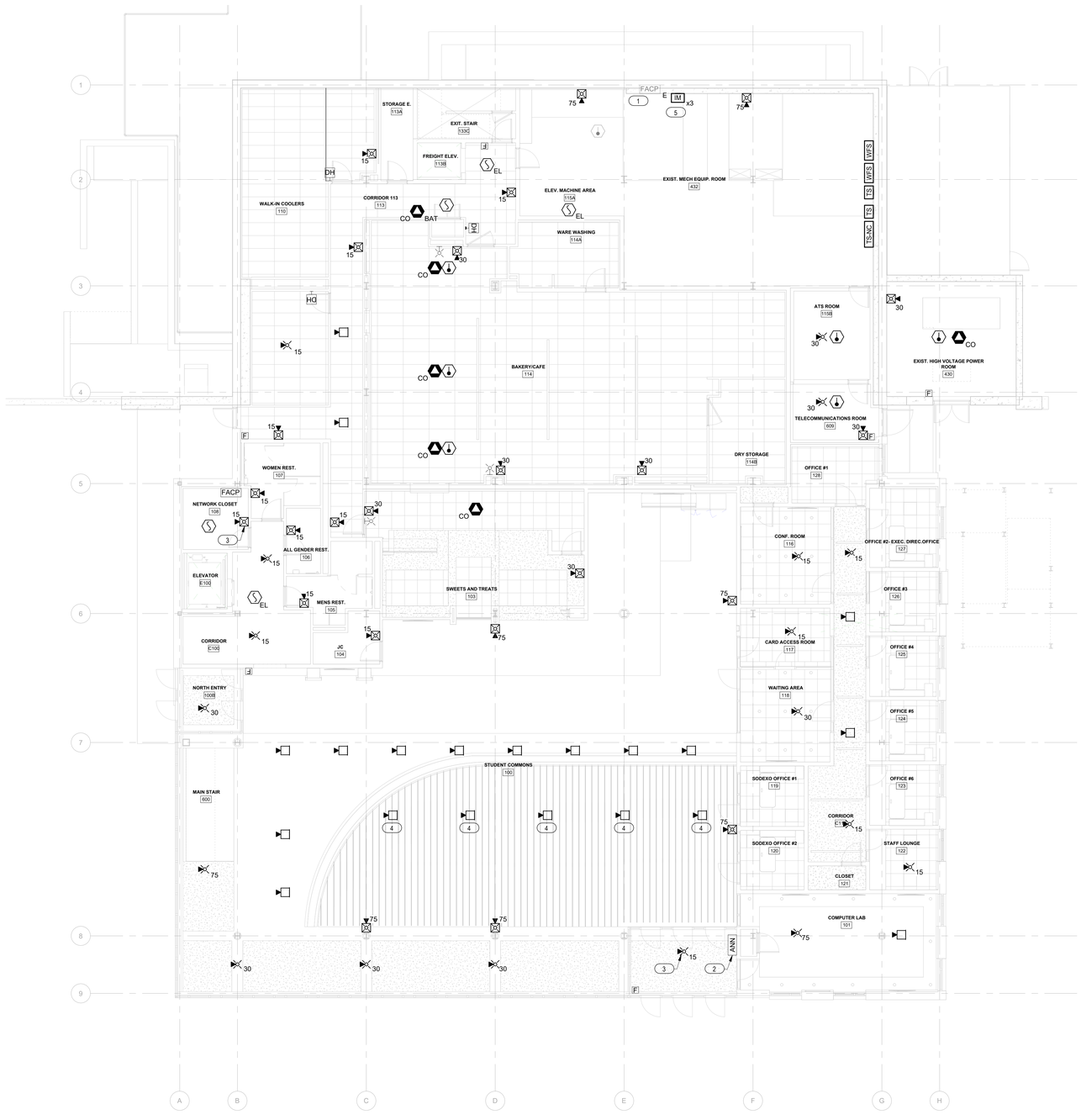
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
MECHANICAL MEZZ. FIRE ALARM NOTIFICATION REQUIREMENTS
SHEET NUMBER:
FA103

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR FIRE ALARM PLAN
1/8" = 1'-0"

KEYED NOTES

1. ETR EDWARDS EST-3 FIRE ALARM CONTROL PANEL WITH NOTIFIER INSPIRE FIRE ALARM CONTROL PANEL. THE ONLY DEVICE WHICH SHOULD BE LEFT ON THE EDWARDS EST-3 FACP IS THE ETR HEAT DETECTOR AND NETWORK INTERFACE EQUIPMENT TO MAINTAIN CONNECTION BETWEEN ADJACENT NETWORKED BUILDINGS UNTIL SUCH TIME AS THE EDWARDS FIRE ALARM NETWORK IS TAKEN OUT OF SERVICE.
2. PROVIDE NOTIFIER INSPIRE ANNUNCIATOR WITH AUDIO PAGING MICROPHONE FOR VOICE MESSAGING.
3. PROVIDE SPEAKER/STROBE WITH SHUNT THAT IS CAPABLE OF BEING INDIVIDUALLY SILENCED. SPEAKER SHALL AUTOMATICALLY SILENCE WHEN VOICE MESSAGING MICROPHONE IS IN USE.
4. SPEAKER LOCATED ABOVE OPEN-GRID CEILING.
5. PROVIDE MONITORING OF EST-3 FACP ALARM, SUPERVISORY, AND TROUBLE CONDITIONS.
6. ERCES EQUIPMENT LOCATED IN THIS ROOM. COORDINATE WITH DIVISION 27 TO PROVIDE MONITORING OF ERCES CONTROL EQUIPMENT.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

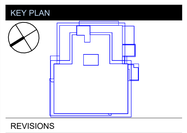
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



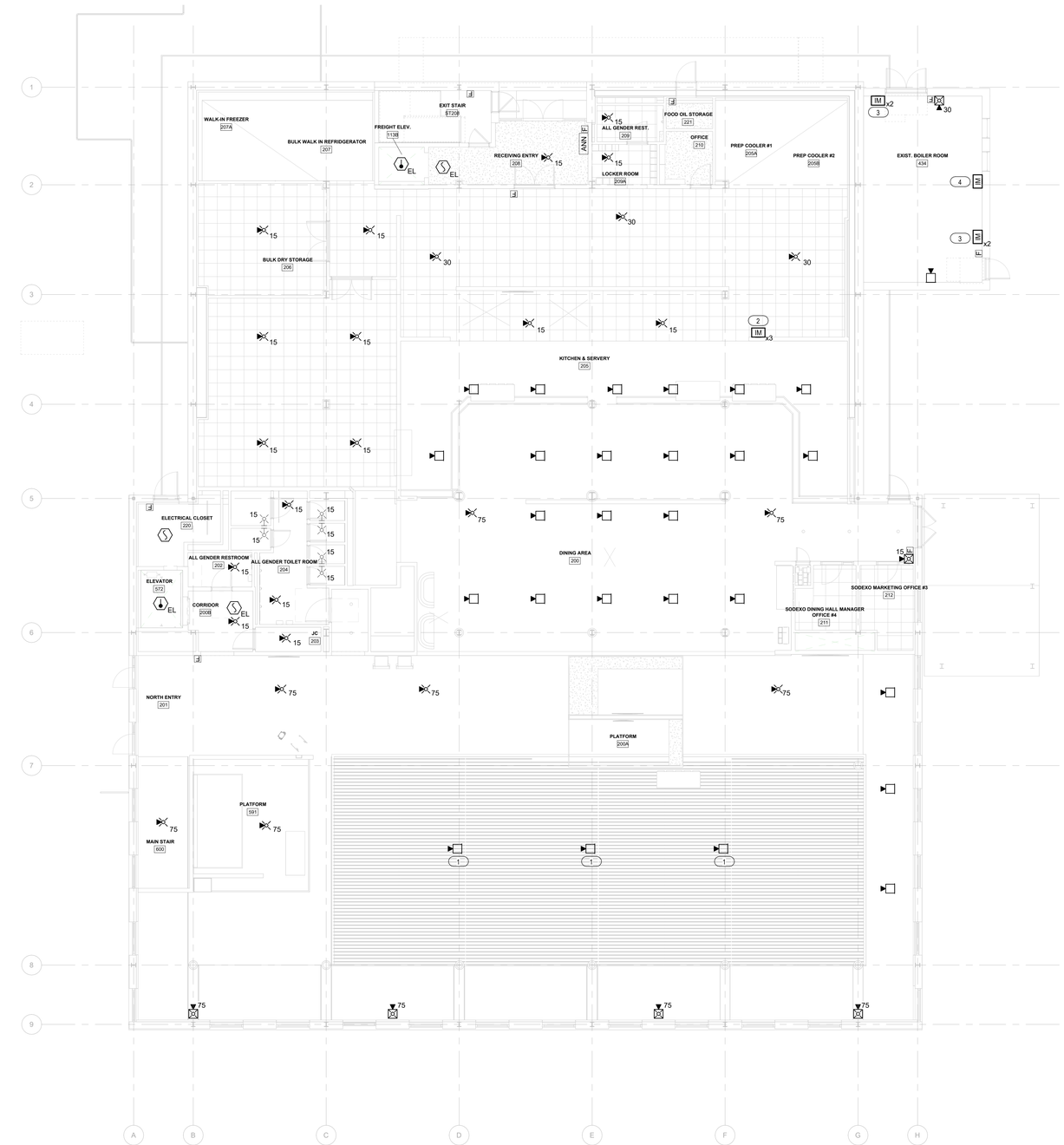
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
FIRST FLOOR FIRE ALARM PLAN
SHEET NUMBER:
FA201

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR FIRE ALARM PLAN
1/8" = 1'-0"

GENERAL NOTES

1. PROVIDE MONITOR MODULES FOR THE MONITORING OF KITCHEN HOOD SUPPRESSION SYSTEM. PROVIDE A MONITOR MODULE FOR ALARM, SUPERVISORY, AND TROUBLE CONDITIONS FOR A TOTAL OF THREE (3) MONITOR MODULES AT EACH KITCHEN HOOD SUPPRESSION SYSTEM. REFER TO KITCHEN EQUIPMENT LAYOUT.

KEYED NOTES

1. SPEAKER LOCATED ABOVE OPEN-GRID CEILING.
2. PROVIDE MONITORING OF KITCHEN HOOD SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA-72.
3. PROVIDE RELAY MODULE FOR GAS DETECTION NOTIFICATION APPLIANCES. NOTIFICATION APPLIANCES LOCATED INTERIOR AND EXTERIOR ADJACENT TO DOOR. NOTIFICATION APPLIANCES PROVIDED BY DIVISION 26, PROGRAMMING PROVIDED BY DIVISION 28.
4. PROVIDE ADDRESSABLE MONITOR MODULE FOR MONITORING OF GAS DETECTOR. GAS DETECTOR PROVIDED BY DIVISION 26, PROGRAMMING PROVIDED BY DIVISION 28.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

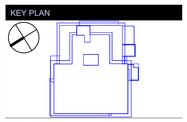
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

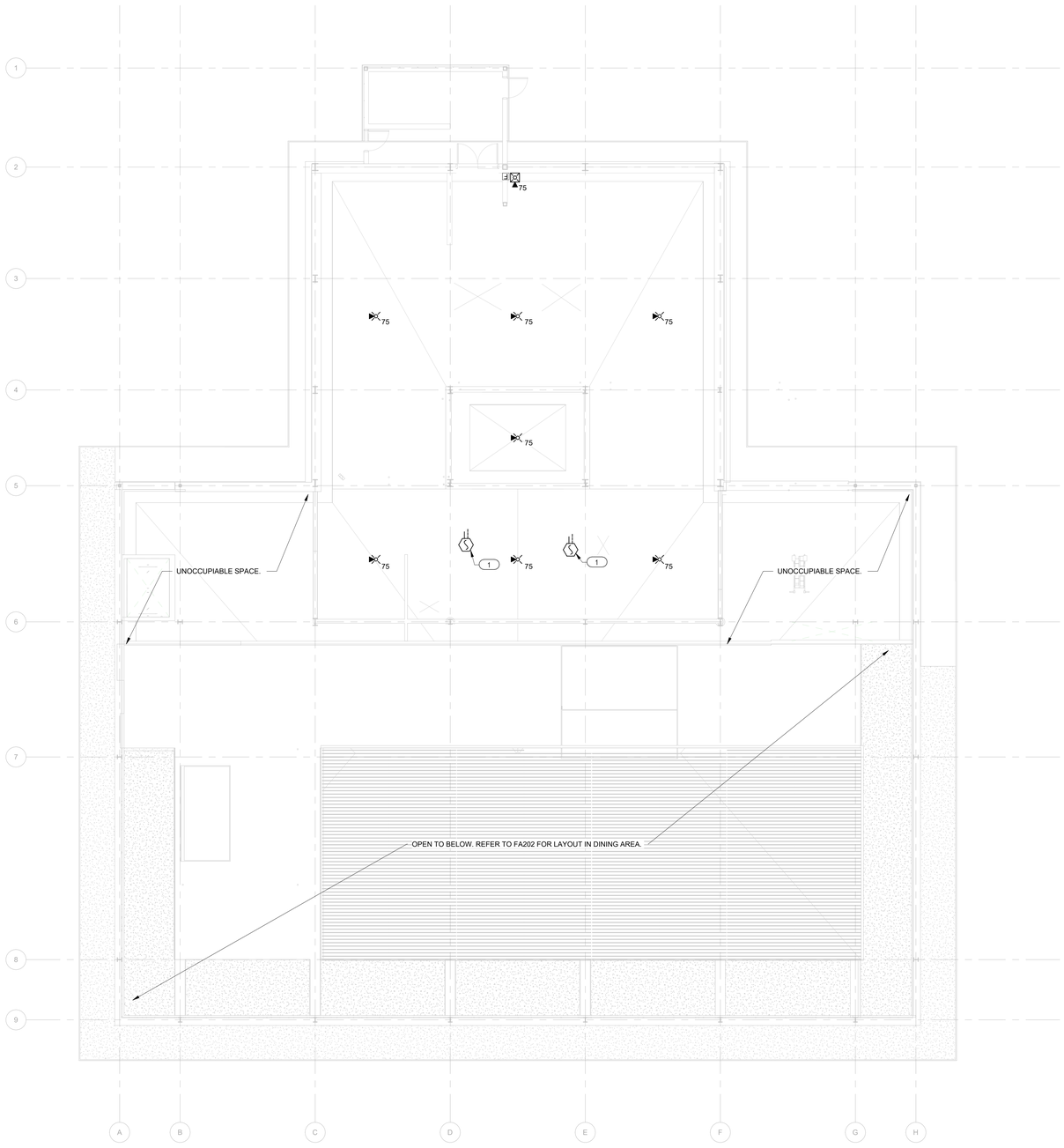
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
SECOND FLOOR FIRE ALARM PLAN
SHEET NUMBER:
FA202

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 MECHANICAL MEZZANINE FIRE ALARM PLAN
1/8" = 1'-0"

KEYED NOTES

1. DUCT SMOKE DETECTOR IN RETURN AIR RISER OF AHU. PROVIDE REMOTE TEST INDICATOR FOR DUCT SMOKE DETECTOR. COORDINATE EXACT LOCATION WITH DIVISION 23. PROVIDE CONTROL RELAY FOR SHUTDOWN OF HVAC EQUIPMENT IN THE EVENT OF DUCT SMOKE DETECTOR ACTIVATION. RELAY TO BE PROVIDED AND PROGRAMMED BY DIVISION 28. DIVISION 23 TO TERMINATE THE RELAY CONNECTION AT THE HVAC UNIT AND PROGRAM THE SHUTDOWN INTO THE HVAC CONTROLS SYSTEM.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

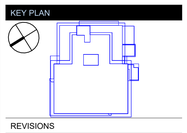
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



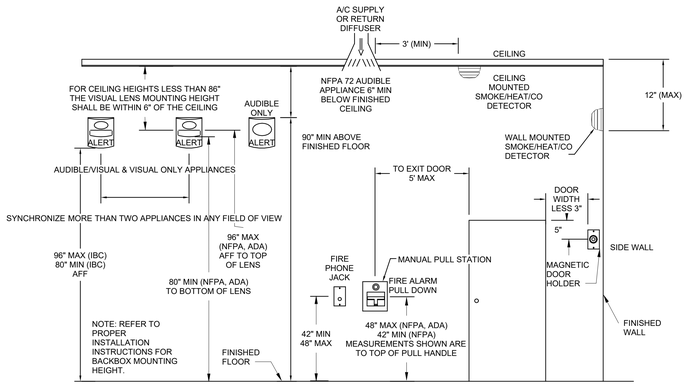
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
MECHANICAL MEZZ. FIRE ALARM PLAN
SHEET NUMBER:
FA203

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 TYPICAL FIRE ALARM DEVICE MOUNTING HEIGHTS
NTS

FACP FUNCTIONAL MATRIX

INPUTS	FACP/ANN ANNUNCIATION			NOTIFICATION				TRANSMIT SIGNAL TO PROPRIETARY STATION			REQUIRED FIRE SAFETY CONTROL				
	ACTUATE ALARM VISUAL & AUDIBLE INDICATOR	ACTUATE SUPERVISORY VISUAL & AUDIBLE NOTIFICATION	ACTUATE TROUBLE VISUAL & AUDIBLE INDICATOR	ACTUATE VISUAL EVACUATION SIGNALS	ACTUATE AUDIO EVACUATION SIGNALS	ACTUATE SPRINKLER WATERFLOW ALARM NOTIFICATION	ACTUATE SOUNDER BASE AT LOCAL DETECTOR	TRANSMIT ALARM SIGNAL	TRANSMIT SUPERVISORY SIGNAL	TRANSMIT TROUBLE SIGNAL	INITIATE ELEVATOR PH 1 EMERGENCY RECALL OPERATION TO DESIGNATED LEVEL	INITIATE ELEVATOR PH 1 EMERGENCY RECALL OPERATION TO ALTERNATE LEVEL	RELEASE DOOR HOLDERS	SHUT DOWN ASSOCIATED HVAC UNITS	INITIATE ELEVATOR SHUT DOWN
MAIN FACP ALARM CONDITIONS															
COMBINATION HEAT/CO DETECTOR - HEAT DETECTION	X			X	X			X							
ELEVATOR LOBBY SMOKE DETECTORS - FIRST FLOOR	X			X	X			X				X			
ELEVATOR LOBBY SMOKE DETECTORS - OTHER THAN ON FIRST FLOOR	X			X	X			X			X				
ELEVATOR MACH. RM SMOKE DETECTORS	X			X	X			X			X				
ELEVATOR SHAFT HEAT DETECTOR	X			X	X			X							X
HEAT DETECTOR	X			X	X			X							
MANUAL FIRE ALARM BOXES	X			X	X			X					X		
SMOKE DETECTOR	X			X	X			X					X		
SPRINKLER WATERFLOW SWITCH	X			X	X	X		X					X		
SUPERVISORY CONDITIONS															
COMBINATION HEAT/CO DETECTOR - CO DETECTION		X					X		X						
COMPONENT COMMON SUPERVISORY		X							X						
DUCT SMOKE DETECTORS		X							X					X	
VALVE TAMPER SWITCH		X							X						
TROUBLE CONDITIONS															
COMPONENT COMMON TROUBLE			X							X					
FIRE ALARM AC POWER FAILURE			X							X					
GROUND FAULT			X							X					
LOW BATTERY			X							X					
NOTIFICATION APPLICANCE CIRCUIT SHORT			X							X					
OPEN CIRCUIT FAULT			X							X					

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

HOWARD J. GASTEN — STATE OF NEW YORK — 099078 — LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

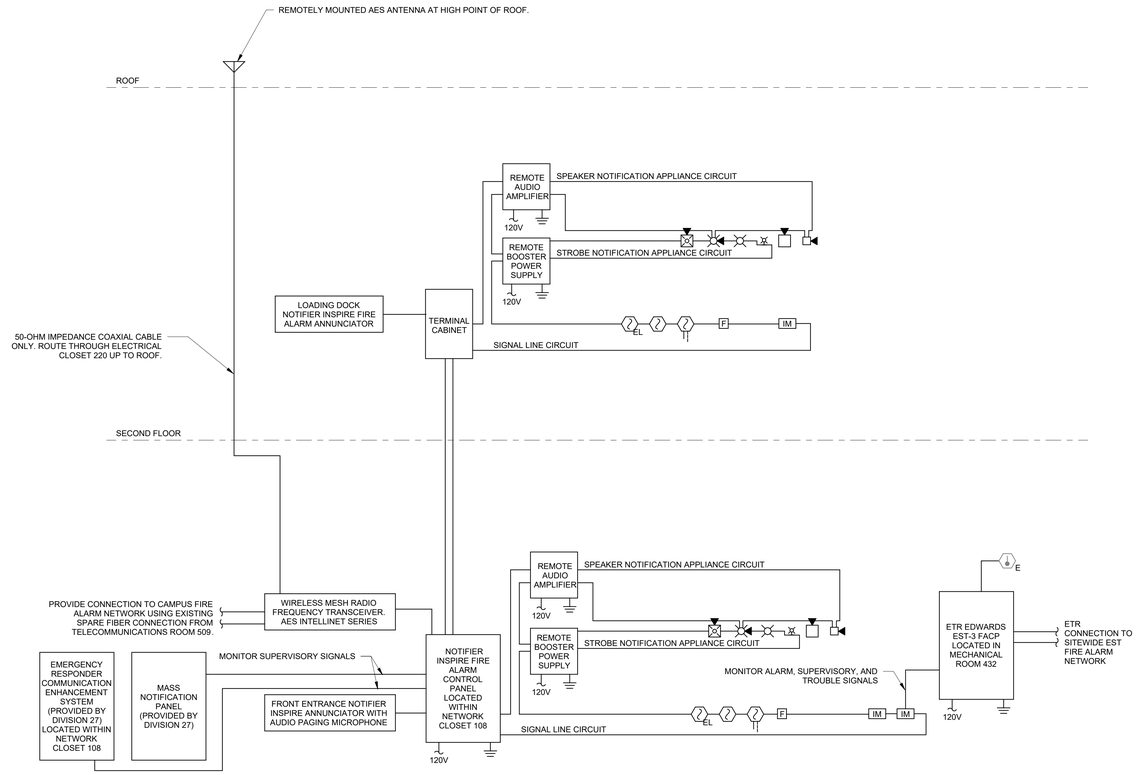
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME: FIRE ALARM DETAILS
SHEET NUMBER: FA501

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRE ALARM RISER DIAGRAM
NTS

FIRE ALARM RISER DIAGRAM NOTES:

1. REFER TO FLOOR PLAN FOR QUANTITIES & LOCATIONS OF ALL DEVICES.
2. FIRE ALARM SUPPLIER TO PROVIDE FULL SYSTEM RISER DIAGRAM FOR APPROVAL WITH SHOP DRAWING SUBMITTAL.
3. PROVIDE ALL INTERFACE MODULES & HARDWARE REQUIRED TO ACCOMMODATE DEVICES AS SHOWN, INCLUDING ALL APPLIANCES AND DEVICES.
4. COORDINATE EXACT FIRE ALARM SYSTEM WIRING INCLUDING SIZES, QUANTITIES & ROUTING WITH FIRE ALARM MANUFACTURER & SITE CONDITIONS.
5. WIRING INDICATED ON THE RISER DIAGRAM IS DIAGRAMMATIC ONLY & IS NOT INTENDED TO INDICATE ROUTING OR QUANTITIES OF WIRES REQUIRED. PROVIDE WIRING FOR A COMPLETE SYSTEM AS REQUIRED BY SYSTEM MANUFACTURER. ALL DEVICES MAY NOT BE INDICATED ON RISER DIAGRAM. REFER TO FLOOR PLAN FOR QUANTITIES & LOCATIONS OF DEVICES.
6. NOT ALL INTERCONNECTING WIRING IS INDICATED ON RISER DIAGRAM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. CLASS A WIRING FOR DETECTION DEVICES AND NOTIFICATION APPLIANCES.
8. THE FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE SYSTEM.
9. PROVIDE ALL REQUIRED POWER SUPPLY WIRING ON A DEDICATED CIRCUIT FOR THE FACP.
10. T-TAPPING SHALL NOT BE ALLOWED WITH CLASS A CIRCUITS.
11. COORDINATE 120V POWER AND EXACT LOCATION OF FACP, REMOTE AUDIO AMPLIFIERS, AND REMOTE BOOSTER POWER SUPPLIES WITH DIVISION 26.
12. EXISTING RADIO MESH RECEIVER LOCATED AT CAMPUS PROPRIETARY SUPERVISING STATION.
13. RADIO MESH TRANSCEIVER SHALL BE PROVIDED WITH 24V POWER FROM FACP AND RECHARGABLE BATTERY BACKUP IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. GABRAY · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

SCALE: NTS

SHEET NAME:
FIRE ALARM RISER DIAGRAM

SHEET NUMBER:
FA502

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

SCOPE OF WORK

1. PROVIDE AND INSTALL AN EMERGENCY RESPONSE COMMUNICATION ENHANCEMENT SYSTEM (ERCES) THROUGHOUT THE BUILDING.
   A. UPON COMPLETION OF MAJOR BUILDING CONSTRUCTION COMPONENTS, SUCH AS WINDOWS, FLOORS, DOORS, WALLS, AND CEILINGS, PERFORM RADIO FREQUENCY SURVEY SHOWING LEVELS OF EMERGENCY RESPONDER RADIO COVERAGE. SURVEY MUST BE PERFORMED BY CERTIFIED TECHNICIANS.
2. INSTALL THE SYSTEM SO THAT IT IS COMPLIANT WITH THE APPLICABLE CODES AND STANDARDS, INCLUDING THOSE NOTED ON THIS SHEET.
   A. WHERE CONFLICTS OR DISCREPANCIES OCCUR BETWEEN CONTRACT DRAWINGS, SPECIFICATIONS, AND REFERENCED CODES AND STANDARDS, THE MOST STRINGENT REQUIREMENTS SHALL APPLY TO THE CONTRACT.
3. PERSONNEL DEVELOPING THE INSTALLATION SHOP DRAWINGS AND PERSONNEL INSTALLING THE ERCES SHALL HAVE THE MINIMUM QUALIFICATIONS:
   A. A VALID FCC-ISSUED GENERAL RADIO OPERATORS LICENSE.
   B. CERTIFICATION OF IN-BUILDING SYSTEM TRAINING ISSUES BY AN APPROVED SCHOOL OR CERTIFICATE ISSUED BY THE MANUFACTURER OF THE EQUIPMENT BEING INSTALLED.
4. THE ERCES SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH NFPA 1225. FINAL LOCATION OF ANTENNAE SHALL BE SHOWN ON THE CONTRACTOR'S SHOP DRAWINGS AND SHALL BE REVIEWED AND APPROVED BY THE ENGINEER, THE OWNER'S REPRESENTATIVE, THE FIRE CODE OFFICIAL, AND THE FREQUENCY LICENSE HOLDER(S). INSTALLATION OF ANY EQUIPMENT SHALL NOT BE COMPLETED WITHOUT APPROVAL BY ALL PARTIES LISTED.
5. THE SYSTEM SHALL BE TESTED FOR ACCEPTANCE IN ACCORDANCE WITH NFPA 1225 AND FCNYS SECTION 510.5.4.
6. PROVIDE AS-BUILT DRAWINGS. DRAWINGS SHALL BE AVAILABLE IN PDF FORMAT.

APPLICABLE CODES AND STANDARDS

1. BCNYS, BUILDING CODE OF NEW YORK STATE, 2025
2. FCNYS, FIRE CODE OF NEW YORK STATE, 2025
3. EBCNYS, EXISTING BUILDING CODE OF NEW YORK STATE, 2025
4. NFPA 1225, STANDARD FOR EMERGENCY SERVICES COMMUNICATIONS, 2022
5. FCC 47 CFR PART 90.219
6. NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2022
7. NFPA 70, NATIONAL ELECTRIC CODE, 2023

REQUIRED FREQUENCIES

DEPARTMENT	FREQUENCIES (MHz)		
SUNY NEW PALTZ CAMPUS POLICE	851.1625C	852.1375	853.1125
ONEVOICE - MULTI COUNTY UHF PUBLIC SAFETY NETWORK	451.5125	452.0875	452.1125
	461.4125	462.5125	464.7625
NEW PALTZ FIRE DEPARTMENT	454.19375	454.20625	454.21875
	454.23125		

NOTE: THE SYSTEM MUST BE INSTALLED THAT IS UPGRADEABLE TO MAINTAIN COMMUNICATION SYSTEM COVERAGE AS ORIGINALLY DESIGNED IN THE EVENT THE JURISDICTION CHANGES OR ADDS SYSTEM FREQUENCIES PER NFPA 1225 SECTION 18.11.2.

ERCES NOTES

1. COLLEGE CAMPUS IS PROVIDED WITH A NETWORKED ERCES. THE SYSTEM DONOR ANTENNA IS EXISTING TO REMAIN AT THE CAMPUS. A DONOR ANTENNA IS NOT REQUIRED TO BE PROVIDED AT THE ROOF OF THE DINING HALL.
   A. FIBER CABLE FROM THE CAMPUS NETWORKED ERCES SYSTEM ENTERS THE BUILDING IN TELECOMMUNICATIONS ROOM 509. FIBER CABLE MUST BE EXTENDED TO NETWORK CLOSET 108 WHERE BI-DIRECTIONAL REMOTE AMPLIFIER IS TO BE LOCATED.
2. THE BUILDING IS FULLY SPRINKLERED IN ACCORDANCE WITH NFPA 13. SYSTEM BACKBONE CABLES AND BACKBONE CABLE COMPONENTS ARE NOT REQUIRED TO HAVE A FIRE RESISTANCE RATING PER NFPA 1225 SECTION 18.12.3.3.
3. ALL CABLES MUST BE INSTALLED IN ACCORDANCE WITH CHAPTERS 7 AND 8 OF NFPA 70. ALL CABLES MUST BE SECURELY SUPPORTED FROM THE BUILDING STRUCTURE.
4. SECONDARY POWER SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 1225 TO PROVIDE POWER FOR A MINIMUM OF 12 HOURS OF 100% SYSTEM OPERATION CAPACITY.
5. THE SYSTEM SHALL BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM FOR SUPERVISORY CONDITIONS. COORDINATE WITH DIVISION 28. THE FOLLOWING CONDITIONS SHALL BE REPORTED.
   A. SIGNAL SOURCE MALFUNCTION
   B. ACTIVE RF-EMITTING DEVICE FAILURE
   C. LOW-BATTERY CAPACITY INDICATION WHEN 70 PERCENT OF THE 12-HOUR OPERATING CAPACITY HAS BEEN DEPLETED
   D. ACTIVE SYSTEM COMPONENT FAILURE
   E. LOSS OF NORMAL AC POWER
   F. FAILURE OF BATTERY CHARGER
6. BATTERY SYSTEMS SHALL BE CONTAINED IN A NEMA 3R RATED ENCLOSURE.
7. ALL REPEATER, TRANSMITTER, RECEIVER, SIGNAL BOOSTER COMPONENTS, OPTICAL-TO-RF AND RF-TO-OPTICAL CONVERTERS, AND EXTERNAL FILTERS SHALL BE CONTAINED IN A NEMA 4 – OR NEMA 4X–TYPE ENCLOSURE(S).
8. BUILDING AREAS SHALL BE PROVIDED WITH MINIMUM 95% FLOOR AREA RADIO COVERAGE.
   A. EACH STAIR, MECHANICAL ROOM 432, NETOWRK CLOSET 108, CORRIDOR C100, AND CORRIDOR 200B SHALL BE PROVIDED WITH 99% FLOOR AREA RADIO COVERAGE.
9. SIGNAL STRENGTH AND QUALITY:
   A. MINIMUM DOWNLINK SIGNAL SHALL BE SUFFICIENT TO PROVIDE DAQ 3.0 FOR VOICE COMMUNICATIONS.
   B. UPLINK SIGNAL SHALL BE SUFFICIENT TO PROVIDE A MINIMUM OF DAQ 3.0 FOR VOICE COMMUNICATIONS.
10. ALL EQUIPMENT SHALL BE LISTED IN ACCORDANCE WITH UL 2524.
11. ALL RADIO FREQUENCY EMITTING DEVICES MUST HAVE THE CERTIFICATION OF THE RADIO LICENSING AUTHORITY AND BE SUITABLE FOR PUBLIC SAFETY USE.

EMERGENCY COMMUNICATION SYSTEM SYMBOLS LEGEND

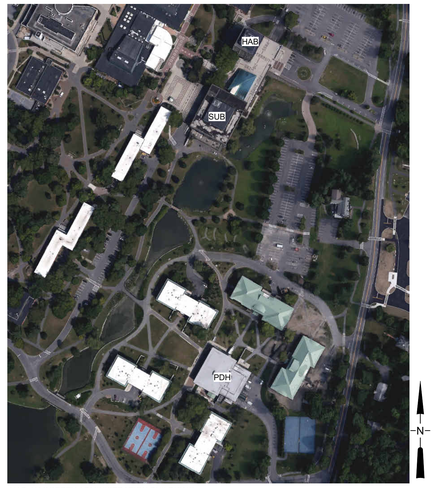
ERCES	EMERGENCY RESPONDER COMMUNICATIONS ENHANCEMENT SYSTEM BI-DIRECTIONAL REMOTE AMPLIFIER
	SPLITTER
	CEILING MOUNTED LOW MOUNT ANTENNA
	1/2 INCH COAXIAL PLENUM CABLE
	6 STRAND SINGLE-MODE FIBER WITH LC/APC CONNECTORS

EMERGENCY COMMUNICATION ABBREVIATIONS LEGEND

IAW	IN ACCORDANCE WITH
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
SF	SQUARE FEET
ERCES	EMERGENCY ALARM COMMUNICATION ENHANCEMENT SYSTEM
TYP	TYPICAL
FCC	FEDERAL COMMUNICATIONS COMMISSION
RF	RADIO FREQUENCY
DAQ	DELIVERED AUDIO QUALITY

ERCES FIBER NETWORK NOTES

1. THE CAMPUS ERCES IS A NETWORKED SYSTEM, WITH THE HEAD END UNIT AND DONOR ANTENNA LOCATED AT THE STUDENT UNION BUILDING.
2. PROVIDE TWELVE (12) STRANDS OF SINGLE-MODEL FIBER WITH LC/APC CONNECTORS BETWEEN THE STUDENT UNION BUILDING AND THE HAGGERTY ADMINISTRATION BUILDING WITHIN EXISTING CABLE TRAY, AS INDICATED ON T-104 AND T-105. SIX (6) STRANDS TO BE USED FOR THE ERCES SYSTEM AT PEREGRINE DINING HALL. THE REMAINING SIX (6) STRANDS ARE SPARE FOR FUTURE CAMPUS USE. THE FIBER SHOULD TERMINATE AT THE FOLLOWING LOCATIONS:
   A. STUDENT UNION BUILDING COMMUNICATIONS CLOSET 050A.
   B. HAGGERTY ADMINISTRATION BUILDING TELECOM POWER 012A.
   C. THERE IS APPROXIMATELY 370 LF BETWEEN THE TWO ROOMS.
3. THE CAMPUS HAS EXISTING FIBER CABLING FROM THE HAGGERTY ADMINISTRATION BUILDING TO PEREGRINE DINING HALL VIA THE EXISTING CAMPUS FIBER NETWORK WHICH CAN SUPPORT THE INSTALLATION OF THE ERCES SYSTEM.



HAB: HAGGERTY ADMINISTRATION BUILDIONG
SUB: STUDENT UNION BUILSING
PDH: PEREGRINW DINING HALL

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABRERA · 091078 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

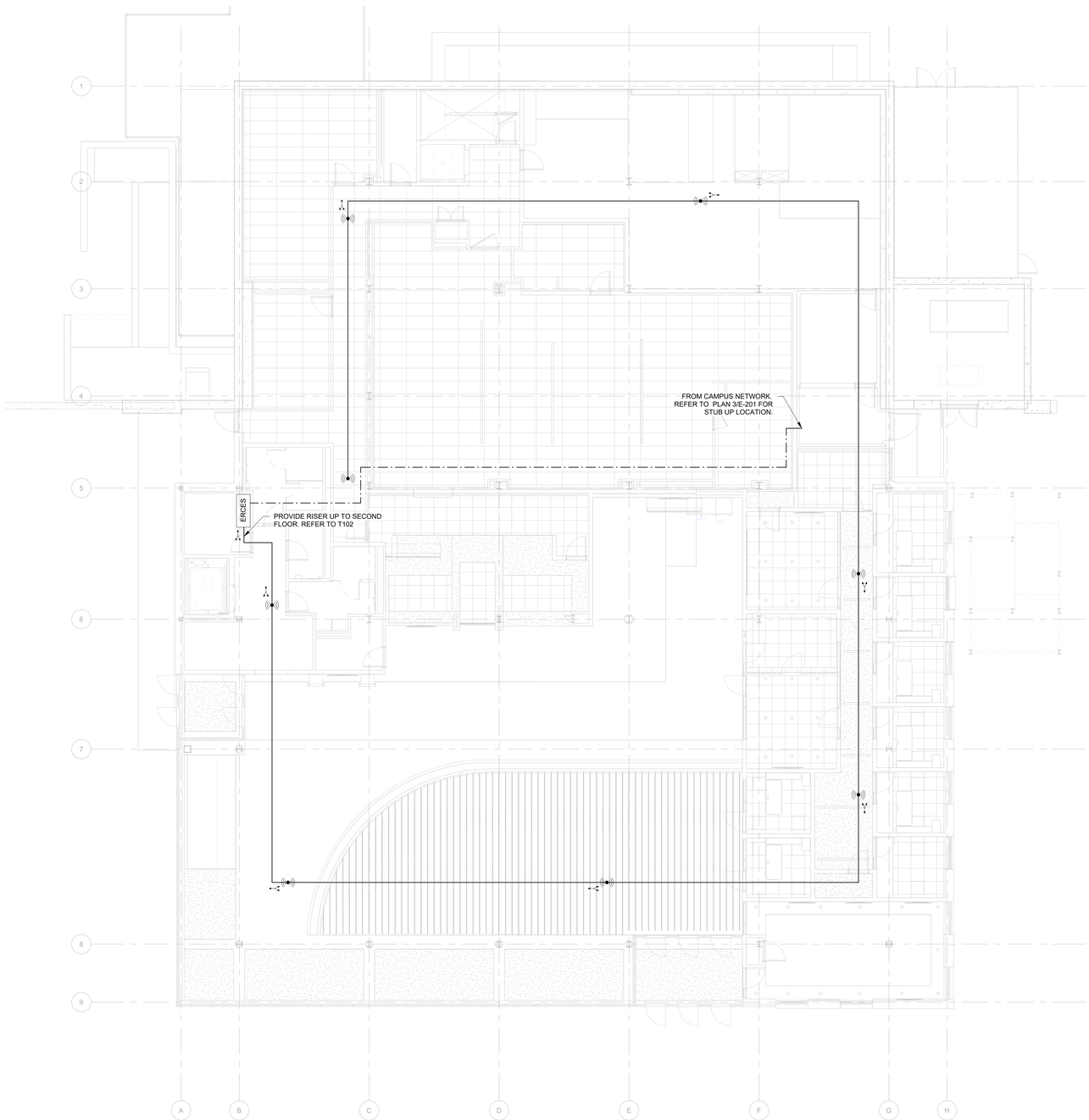
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME: ERCES SYSTEM NOTES DETAILS & LEGENDS
SHEET NUMBER: T-001

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEM PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J. GABEZAS · 090170 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

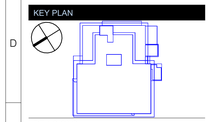
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

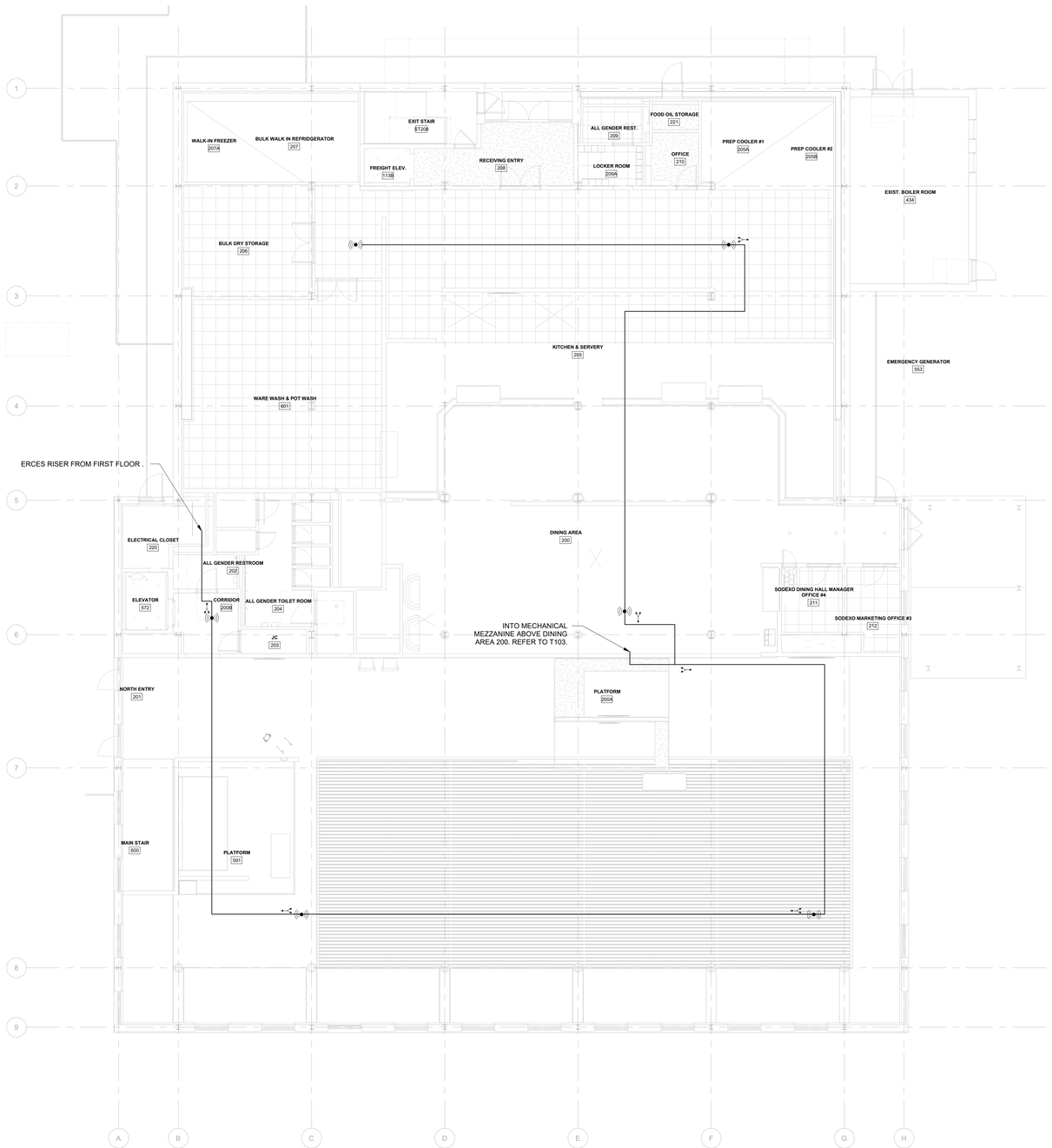
SCALE: NTS

SHEET NAME:
FIRST FLOOR ERCES PLAN

SHEET NUMBER:
T-101

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 SECOND FLOOR EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEM PLAN
1/8" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

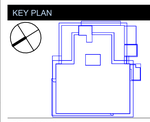
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



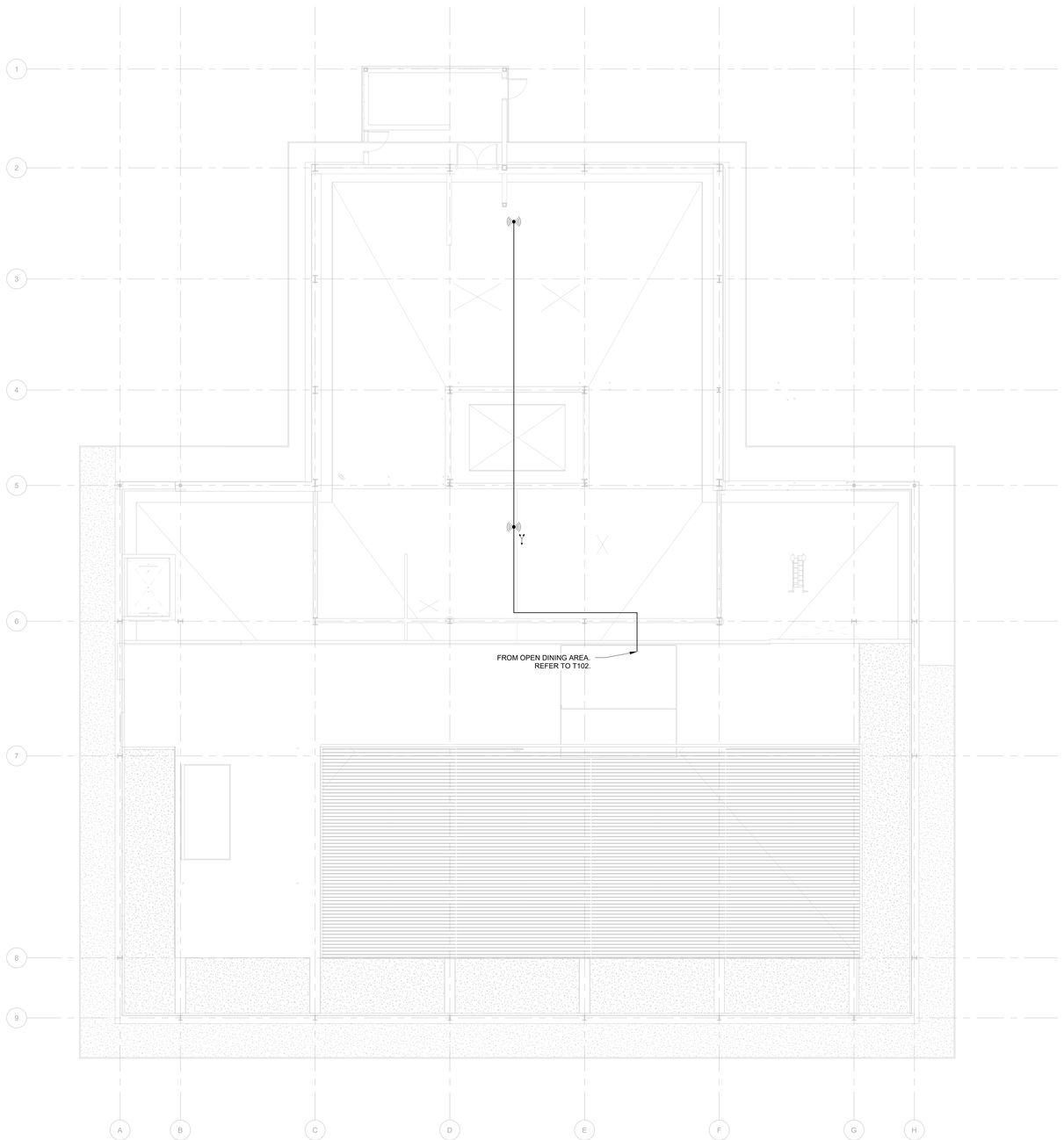
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
SECOND FLOOR ERCES PLAN
SHEET NUMBER:
T-102

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



MECHANICAL MEZZANINE EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEM PLAN
1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



SUCF Project No. 081056-00

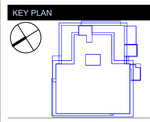
New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



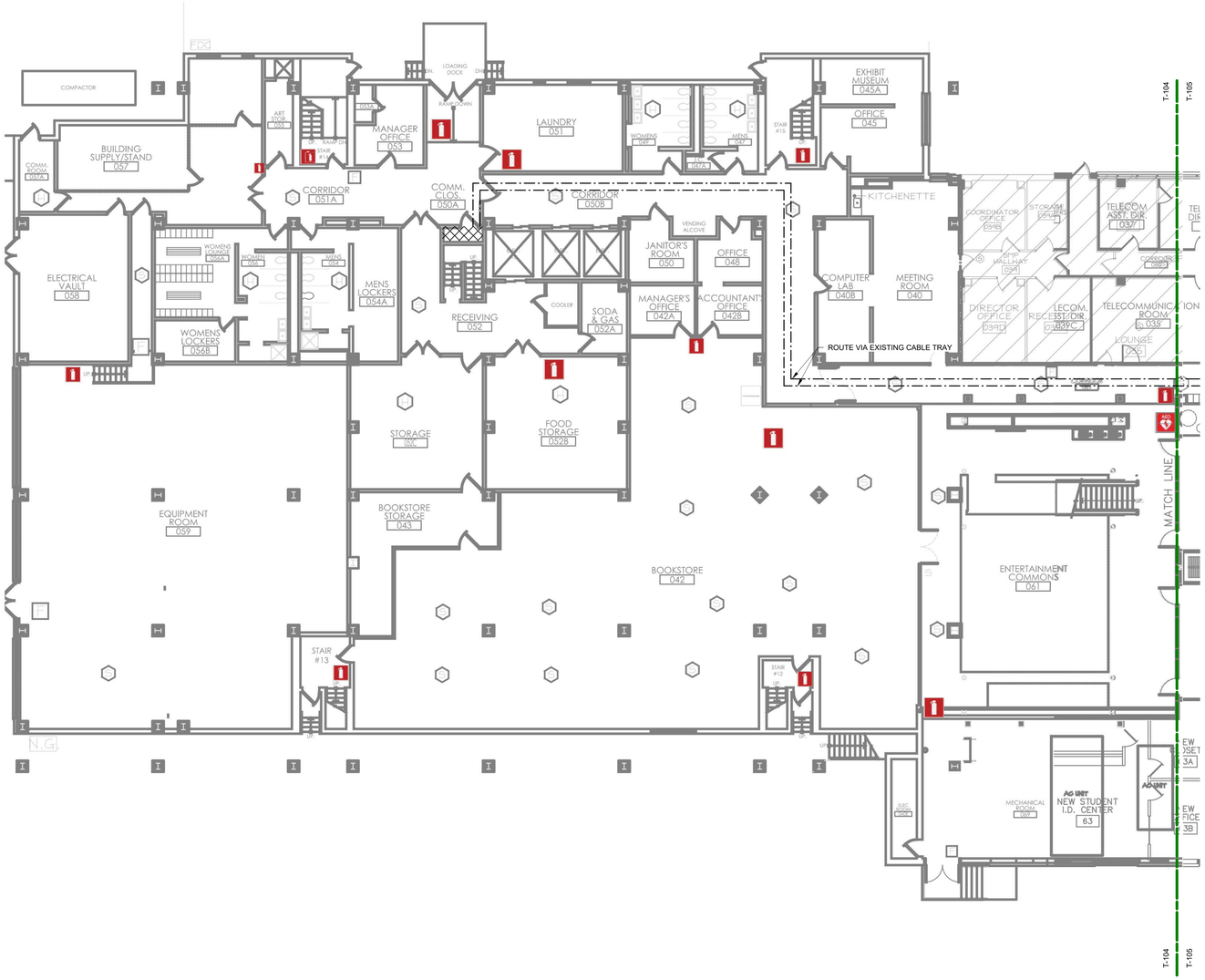
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME:
THIRD FLOOR ERCES PLAN
SHEET NUMBER:
T-103

BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 STUDENT UNION BUILDING - HAGGERTY ADMINISTRATION BUILDING FIBER NETWORK INSTALLATION PLAN AREA 1
NOT TO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

EDWARD J. CABEZAS — STATE OF NEW YORK — 090178 — LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 08/17/26

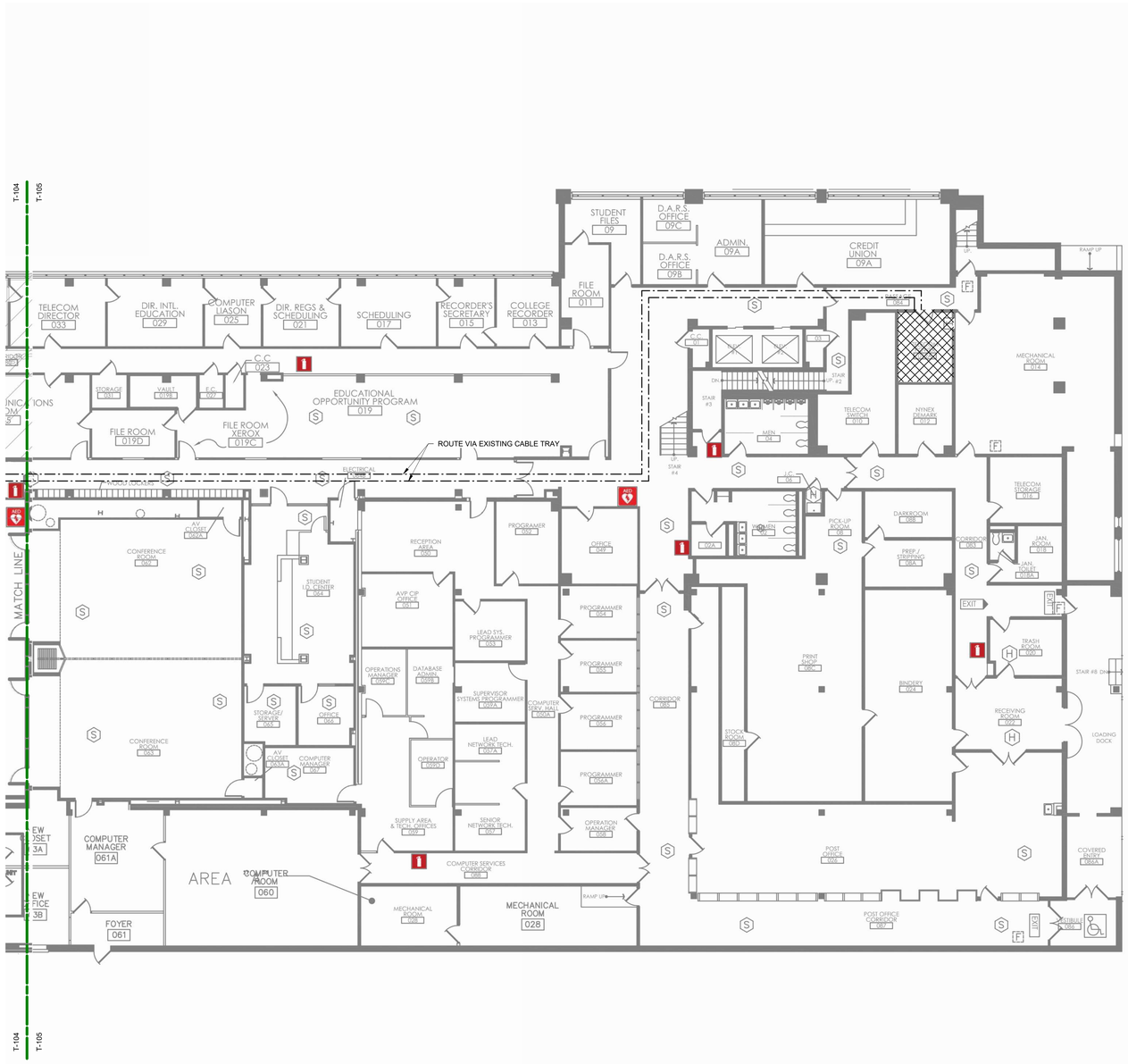
SCALE: NTS

SHEET NAME:
FIBER NETWORK INSTALLATION PLAN - AREA 1

SHEET NUMBER:
T-104

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 STUDENT UNION BUILDING - HAGGERTY ADMINISTRATION BUILDING FIBER NETWORK INSTALLATION PLAN AREA 2
NOT TO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090176 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

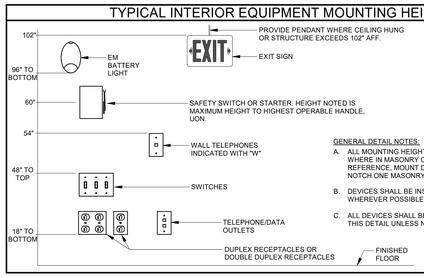
No.	Description	Date

ISSUED: BID SET
DATE: 08/17/26
SCALE: NTS
SHEET NAME: FIBER NETWORK INSTALLATION PLAN - AREA 2
SHEET NUMBER: T-105

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

TYPICAL INTERIOR EQUIPMENT MOUNTING HEIGHTS DETAIL



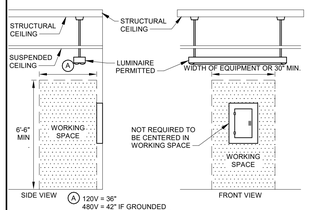
GENERAL DETAIL NOTES:

A. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR. WHERE IN MASONRY CONSTRUCTION, MOUNTING HEIGHTS ARE FOR REFERENCE, MOUNT DEVICES TO NEAREST BLOCK COURSE LEVEL SO AS TO NOTCH ONE MASONRY UNIT. COORDINATE WITH MASONRY CONTRACTOR.

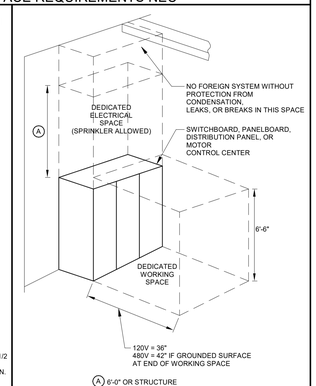
B. DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL CENTERLINE WHEREVER POSSIBLE. COORDINATE IN FIELD.

C. ALL DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS INDICATED ON THIS DETAIL UNLESS NOTED OTHERWISE.

DEDICATED WORKING SPACE REQUIREMENTS NEC



PANELBOARD



SWITCHGEAR

ABBREVIATIONS: (NOTE, NOT ALL ABBREVIATIONS USED THIS PROJECT)

A	AMPERE	MIN	MINIMUM
AC	ABOVE COUNTER	MTS	MANUAL TRANSFER SWITCH
ACLG	ABOVE CEILING	NC	NORMALLY CLOSED
AF	AMPS FRAME	NEC	NATIONAL ELECTRICAL CODE
AFI	ARC FLASH INTERUPTER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AFF	ABOVE FINISHED FLOOR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
AFG	ABOVE FINISHED GRADE	NIC	NOT IN CONTRACT
AL	ALUMINUM CONDUCTOR	NO	NORMALLY OPEN
AR	AMPS RATED	NO.	NUMBER
AT	AMPS TRIP	NTS	NOT TO SCALE
ATS	AUTOMATIC TRANSFER SWITCH	NYSDOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	NYPA	NEW YORK POWER AUTHORITY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NYSCC	NEW YORK STATE CANALS CORPORATION
AUTO	AUTOMATIC	O&M	OPERATIONS AND MAINTENANCE
AUX	AUXILIARY CONTACTS	OCP	OVER-CURRENT PROTECTION
AWG	AMERICAN WIRE GAUGE	OL	OVERLOAD
BOT	BOTTOM OF BOX	OPER	OPERATING
C	CONDUIT	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
#C	MULTICONDUCTOR CABLE (# INDICATES NUMBER OF CONDUCTORS)	P	POLE
CAT	CATALOG, CATEGORY	PB	PUSHBUTTON, PULLBOX
CB	CIRCUIT BREAKER	PFR	PHASE FAILURE RELAY
CE	CABEZAS ENGINEERING	PH	PHASE
CLG	CEILING	POS	POSITION
CKT	CIRCUIT	POTS	PLAIN OLD TELEPHONE LINE (CAT 3)
CNTL	CONTROL	PPE	PERSONAL PROTECTIVE EQUIPMENT
CT	CURRENT TRANSFORMERS	PRESS	PRESSURE
CU	COPPER CONDUCTOR	PVC	POLYVINYL CHLORIDE
DS	DISCONNECT SWITCH	PWR	POWER
EMT	ELECTRO-METALLIC CONDUIT	R	RED
FACU	FIRE ALARM CONTROL UNIT / PANEL	RECPT	RECEPTACLE
FLC	FULL LOAD CURRENT	RGS	RIGID GALVANIZED STEEL CONDUIT
FVNR	FULL VOLTAGE NON-REVERSING	SCH	SCHEDULE
FVR	FULL VOLTAGE REVERSING	SDP	SUB DISTRIBUTION PANEL
G	GREEN, GROUND	SPD	SURGE PROTECTIVE DEVICE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SPEC	SPECIFICATION
GND	GROUND	ST	SHUNT TRIP INTERLOCK
HP	HORSE POWER	TBD	TO BE DETERMINED
HZ	HERTZ	TCP	TELECOMMUNICATIONS PANEL
IN	INCHES	TELE	TELEPHONE
K	KEY	TGB	TELECOMMUNICTIONS GROUND BUS BAR
KA	KILOAMPS	TYP	TYPICAL
KAIC	KILOAMPS INTERRUPTING CAPACITY	UL	UNDERWRITERS LABORATORIES STANDARDS LISTED
L	LINE	UNO	UNLESS NOTED OTHERWISE
LED	LIGHT-EMITTING DIODE	USGS	UNITED STATES GEOLOGICAL SURVEY
LCD	LIQUID CRYSTAL DISPLAY	V	VOLTS
LTG	LIGHTING	VIF	VERIFY IN FIELD
MAX	MAXIMUM	W	WIRE / WATT / WHITE
MCC	MOTOR CONTROL CENTER	WG	WIRE GUARD
MCCB	MOLDED-CASE CIRCUIT BREAKER	WPCP	WELL PUMP CONTROL PANEL
MCM	THOUSAND CIRCULAR MILS	XFMR, TFMR, T	TRANSFORMER
MGBB	ELECTRICAL SYSTEMS MAIN GROUN BUS BAR	Y	YELLOW, WYE
MCP	MOTOR CIRCUIT PROTECTOR		
MDP	MAIN DISTRIBUTION PANEL		

GENERAL NOTES

A. CONTRACT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY AND MUST BE SO CONSTRUED TO DETERMINE THE FULL SCOPE OF WORK. REFERENCES TO CODES, SPECIFICATIONS, AND STANDARDS CALLED FOR IN THE SPECIFICATION SECTIONS AND ON THE DRAWINGS MEAN, THE LATEST EDITION, AMENDMENT, AND REVISION OF SUCH REFERENCED STANDARD / CODE IN EFFECT ON THE DATE OF THESE CONTRACT DOCUMENTS.

B. WHERE COMPLETE NEW SYSTEMS ARE SPECIFIED, PROVIDE ALL REQUIRED APPURTENANCES FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM READY FOR USE.

C. REASONABLE CHANGES REQUIRED BY JOB CONDITIONS (INCLUDING OFFSETTING OF CONDUITS AROUND BEAMS, ETC.) SHALL BE MADE, AFTER OBTAINING THE ENGINEER'S APPROVAL, AT NO ADDITIONAL COST TO THE OWNER.

D. COORDINATE ELECTRICAL WORK, PHASING, AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE.

E. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COSTS, FEES, AND PERMITS AS REQUIRED BY ELECTRICAL UTILITY COMPANY ASSOCIATED WITH THE INSTALLATION OF THE NEW EQUIPMENT.

F. COORDINATE EXACT LOCATION OF ALL CONDUIT ROUTES, EQUIPMENT, AND DEVICES WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. COORDINATE ARRANGEMENT, MOUNTING, AND SUPPORT OF ELECTRICAL CONDUITS TO ALLOW MAXIMUM POSSIBLE HEADROOM IN THE CEILING CAVITIES.

D. MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT, PER NEC ARTICLE 110.

E. MINIMUM CONDUIT SIZE SHALL BE 1" FOR TELECOMMUNICATIONS AND 3/4" FOR ALL OTHER CIRCUITS. PROVIDE NYLON PULL STRING IN ALL EMPTY SPARE CONDUITS.

F. ALL DEVICES ARE TO BE INSTALLED RECESSED WITH FACE PLATES FLUSH TO FINISHED SURFACE AND WITH CIRCUITRY CONCEALED, WHERE IN NEW CONSTRUCTION OR FISHABLE EXISTING CONSTRUCTION. WHERE IN NON-FISHABLE CONSTRUCTION, DEVICES ARE TO BE SURFACE MOUNT WITH SURFACE MOUNT CIRCUITRY. COORDINATE ON SITE, PRIOR TO ROUGH-IN.

G. WHEREVER POSSIBLE REUSE EXISTING CONDUIT, RACEWAY, AND BACK BOXES IF IN GOOD CONDITION. EXTEND / INSTALL NEW CONDUIT / RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICES. CONCEAL ABOVE CEILING OR WITHIN WALL WHERE POSSIBLE.

H. IN EXISTING CONSTRUCTION, ROUTE SURFACE RACEWAY AS FOLLOWS: LOCATE VERTICAL RUNS IN CORNERS OR ALONG MOLDINGS. (RUN TO ABOVE CEILING WHERE NEW CEILING IS BEING INSTALLED.) HORIZONTAL RUNS SHALL NOT EXCEED 20'-0" IN LENGTH WHEREVER POSSIBLE.

I. IN AREAS RECEIVING NEW CEILINGS, ALL CEILING MOUNTED ITEMS (DETECTORS, SPEAKERS, ETC.) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'X4' PANEL SCORED TO SIMULATE A 2'X2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'X2' PORTION.

J. WHERE RELOCATING EXISTING COMPONENTS, PROVIDE MATCHING BRANCH CIRCUITRY TO RELOCATE EQUIPMENT, DEVICES, ETC. MAINTAIN FEED-THROUGH WIRING AND SYSTEMS SCHEDULED TO REMAIN.

K. ALL CIRCUIT BREAKERS INSTALLED IN EXISTING POWER PANEL SHALL BE LISTED / LABELED FOR USE WITHIN EXISTING PANEL. AND SHALL MATCH EXISTING PANEL CHARACTERISTICS AND KAIC RATINGS.

L. ALL EQUIPMENT OR MATERIALS SHALL BE NEW AND FOR ANY GIVEN SYSTEM BE A PRODUCT OF THE SAME MANUFACTURER, UNO.

M. CUT AND PATCH BUILDING CONSTRUCTION AS REQUIRED TO ACCOMPLISH WORK OF THIS CONTRACT, UNO. OBTAIN WRITTEN AUTHORIZATION FROM PROJECT STRUCTURAL ENGINEER PRIOR TO PENETRATING OR CUTTING ANY STRUCTURAL COMPONENTS.

N. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK OR SHOP FABRICATION. REPORT ALL DISCREPANCIES TO ENGINEER IN WRITING.

O. COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF OTHER TRADES. COORDINATE SHUTDOWN OF EXISTING SYSTEMS WITH OWNER AND ALL TRADES.

P. CONTRACTOR TO PROVIDE NECESSARY SUPPORT FRAMING, STIFFENERS, BRACING, AND HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE AND DURABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS AND AS REQUIRED FOR EQUIPMENT TO BE FURNISHED OR FOR EXISTING FIELD CONDITIONS.

Q. CONTRACTOR TO PROVIDE ALL DUAL COMPARTMENT SURFACE RACEWAY, POWER DEVICES, POWER CIRCUITRY, COMMUNICATION DEVICE MOUNTING BRACKETS. COORDINATE EXACT LOCATIONS AND CONFIGURATIONS WITH THE OWNER & T-SERIES CONTRACTOR PRIOR TO INSTALLATION. T-SERIES CONTRACTOR TO PROVIDE VOICE OR DATA CABLING, DEVICES, AND TERMINATIONS OF THOSE DEVICES INDICATED ON T-SERIES DRAWINGS.

R. CONTRACTOR SHALL TEMPORARILY DISMANTLE AND REMOVE EXISTING CEILINGS AS REQUIRED FOR THE INSTALLATION OF ELECTRICAL WORK. PROPERLY STORE CEILING COMPONENTS FOR REINSTALLATION. REINSTALL CEILINGS UPON COMPLETION OF WORK.

S. CONTRACTOR TO PATCH TO MATCH EXISTING CONDITIONS ALL DAMAGED SURFACES RESULTING FROM WORK PERFORMED UNDER THE CONTRACT. PATCH / REFINISH SURFACE TO MATCH EXISTING WHERE DEVICES / FIXTURES.

T. PAINT ALL EXPOSED CONDUITS IN FINISHED SPACES TO MATCH SURROUNDING FINISH CONDITIONS, UNO.

U. REFER TO SPECIFICATIONS SECTION FOR BASIC ELECTRICAL REQUIREMENTS.

V. PRIOR TO START OF WORK, CONTRACTOR TO TEST ALL ELECTRICAL SYSTEMS TO BE MODIFIED THIS PROJECT TO ESTABLISH BASE LINE OPERATING CONDITIONS. CONTRACTOR TO DOCUMENT EXISTING CONDITIONS AND RECORD ALL KNOWN IMPERFECTIONS OR IDENTIFIED SHORT COMINGS PROVIDE WRITTEN REPORT TO ENGINEER. UPON COMPLETION OF ALL WORK, ALL SYSTEMS TO BE RESTORED TO PRE CONSTRUCTION CONDITIONS (OR BETTER).

W. PRIOR TO MAKING ANY CONCRETE FLOOR SLAB PENETRATIONS, SCAN THE SLAB AREA USING A "REBAR LOCATING DEIVCE" TO LOCATE ANY EXISTING REINFORCING STEEL, UTILITIES AND/OR OTHER ELEMENTS EMBEDDED WITHIN OR BELOW THE SURFACE OF THE SLAB

X. PROVIDE FIRESTOPPING AT ALL PENETRATIONS THROUGH RATED CONSTRUCTION ASSEMBLIES TO MAINTAIN RATINGS. SEE DRAWINGS G-101, G-102, AND SPECIFICATIONS SECTION 078413 FOR INFORMATION.

DEMOLITION GENERAL NOTES

A. REFER TO SPECIFICATIONS SECTION 26 0501 FOR DEMOLITION REQUIREMENTS.

B. EXISTING CONDITIONS ARE TAKEN FROM GENERAL FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED. PRIOR TO SUBMITTING BID, CONTRACTOR IS TO VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE REMOVAL WORK. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS.

C. THE CONTRACTOR SHALL SURVEY ALL EXISTING ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL TAKE PARTICULAR CARE TO AVOID CREATING HAZARD OR CAUSING DISRUPTION OF SERVICES IN ADJOINING AREAS. NOT ALL DEVICES TERMINATIONS, JUNCTION BOXES, AND WIRING HAVE BEEN SHOWN FOR DRAWING CLARITY.

D. WHEN EXISTING CONSTRUCTION, WHICH IS TO REMAIN, IS DAMAGED DURING THE COURSE OF REMOVAL AS A RESULT OF THE CONTRACTOR'S WORK, IT SHALL BE REPAIRED AND/OR REPLACED WITH SIMILAR OR LIKE MATERIALS, AS MUCH AS POSSIBLE, SUBJECT TO THE OWNER'S APPROVAL. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF EXISTING CONSTRUCTION IN THE WAY OF SCHEDULED WORK. PROTECT BUILDING AND FURNISHINGS FROM DAMAGE.

E. COORDINATE PHASING OF WORK WITH OWNER'S AUTHORIZED REPRESENTATIVE. IT IS THE REQUIREMENT OF THE PROJECT THAT THE CONSTRUCTION WORK BE PHASED TO FACILITATE MINIMUM IMPACT TO THE NORMAL OPERATION OF THE FACILITY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO THOROUGHLY REVIEW THE GENERAL CONDITIONS AND THE ARCHITECTURAL BID DOCUMENTS FOR THE PHASING REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR ALL TEMPORARY SERVICES TO FACILITY PHASING REQUIREMENTS WITHOUT INTERRUPTION OF THE ELECTRICAL SYSTEMS, UNO.

F. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.

G. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNO. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES UPDATED ACCORDINGLY.

H. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ELECTRICAL ENGINEER.

I. CONTRACTOR IS RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN P.C.B. (POLYCHLORINATED BI-PHENYLS) TO MEET ALL OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.

J. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY, IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.

K. CONTRACTOR TO PROTECT ALL FA DETECTION DEVICES IN THE PROXIMITY OF ON-GOING CONSTRUCTION ACTIVITIES. REMOVE MASKING UPON COMPLETION OF SCHEDULED WORK. CLEAN DETECTION DEVICES UPON SUBSTANTIAL COMPLETION.

L. EXISTING FA SYSTEM SHALL BE KEPT OPERATIONAL DURING CONSTRUCTION. CONTRACTORS SHALL OBTAIN WRITTEN AUTHORIZATION FROM FIRE DEPT. AUTHORITY FOR SYSTEM SHUT DOWNS.

M. WHERE DEVICES AND EQUIPMENT ARE TO BE REMOVED, REMOVE CIRCUITS BACK TO THEIR ORIGIN UNLESS OTHERWISE REQUIRED TO MAINTAIN EXISTING EQUIPMENT SCHEDULED TO REMAIN. OPERATION AND CIRCUITING OF EQUIPMENT TO REMAIN SHALL NOT BE ALTERED DUE TO THE REMOVALS.

N. CONTRACTOR TO MAINTAIN, RELOCATE AND RESTORE, IF INTERRUPTED BY REMOVALS OR IN PATH OF NEW CONSTRUCTION, ANY AND ALL CIRCUITS, CONDUITS OR FEEDERS PASSING THROUGH AND SERVING UNDISTURBED AREAS (SHOWN OR NOT SHOWN).

O. IN ANY AREA REQUIRING THE PERFORMANCE OF ANY TRADE'S WORK, THE CONTRACTOR SHALL CAREFULLY REMOVE AND STORE ANY OR ALL ELECTRICAL ITEMS IN PATH OR WORK. REINSTALL AND RECONNECT SAME AS REQUIRED, IN ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED AFTER COMPLETION OF OTHER TRADE'S WORK IN THAT AREA.

P. IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING CONDUIT PENETRATIONS THROUGH FLOORS, CEILINGS, AND WALLS OR DAMAGED TO FINISH SURFACES DISCOVERED UPON AFTER REMOVAL OF DEVICES / FIXTURES.UNO.

Q. THE CONTRACTOR IS TO REVIEW, TEST AND DOCUMENT THE OPERATION OF EXISTING ELECTRICAL AND SPECIAL SYSTEMS SERVING AREAS SCHEDULED FOR RENOVATIONS AND SYSTEMS THAT EXTEND OUTSIDE OF THE RENOVATIONS AREAS. ALL ELECTRICAL SYSTEMS SHALL BE FULLY INVESTIGATED BEFORE DISCONNECTING OF SYSTEMS TO AVOID INTERRUPTING AREAS OR SYSTEMS OUTSIDE THE INTENDED SCOPE. THE CONTRACTOR SHALL REVIEW ALL SHUT DOWNS AND REMOVAL REQUIREMENTS WITH THE OWNER. AFTER RENOVATING EXISTING ELECTRICAL WORK, THE CONTRACTOR SHALL ENSURE THAT ALL REMAINING AND NEW EQUIPMENT OPERATE PROPERLY.

R. ALL ELECTRICAL WORK INDICATED TO REMAIN SHALL BE SUITABLY PROTECTED TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.

S. CONTRACTOR TO PROVIDE A MINIMUM OF 200 AMP, 120/208V, 1 PHASE, 3 WIRE TEMPORARY POWER FEED FROM ADJACENT DORMATORY INTO PRERGRINE HALL FOR ALL CONTRACTORS' USE DURING ALL DEMOLITION AND CONSTRUCTION ACTIVIES. SEE SPECIFICATIONS 015000 - TEMPORARY FACILITIES AND CONTROLS FOR INFORMATION

POWER LEGEND

E	PANEL, EXISTING TO REMAIN
	PANEL, NEW
J JB	JUNCTION BOX
PB	PULL BOX OR HAND HOLE
UV-XX	MECHANICAL EQUIPMENT CONNECTION SYMBOL, REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE
	MAGNETIC MOTOR STARTER
	COMBINATION MAGNETIC STARTER / FUSED DISCONNECT
##AF #P	600 V HEAVY DUTY NON-FUSED DISCONNECT SWITCH "AF" - INDICATES FRAME SIZE "P" - INDICATED # OF POLES
##AF ##AT #P	600 V HEAVY DUTY FUSED DISCONNECT SWITCH "AF" - INDICATES FRAME SIZE "AT" - INDICATES FUSED TRIP SIZE "P" - INDICATED # OF POLES
MS	MOTOR RATED SNAP SWITCH WITH OVERLOADS
VFD	VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECT SWITCH
SPD	SURGE PROTECTION DEVICE
	GROUNDING BUS BAR
HD	HAND DRYER / HAIR DRYER
	DUAL CHANNEL TELECOMMUNICATIONS / POWER POLE
	PUSH BUTTON CONTROL SWITCH, (TYPE AS NOTED)
	EMERGENCY OFF BUTTON (TYPE AS NOTED)
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	HARD EQUIPMENT CONNECTION
PS	POWER SUPPLY (TYPE AS NOTED)
CS	CONTROL STATION (TYPE AS NOTED)
CB ST	ENCLOSED CIRCUIT BREAKER WITH SHUNT TRIP INTERLOCK
K	KIRK KEY INTERLOCK
ZSI#	ZONE SELECTIVE INTERLOCK #

CIRCUITING LEGEND

LP2A-1	SINGLE PHASE HOMERUN TO PANEL "LP2A", BREAKER #1, CIRCUIT USING (2)#12, (1)#12G, 3/4"C., UNO.
LP2A-1,3,5	THREE PHASE HOMERUN TO PANEL "LP2A", BREAKERS # 1,3,5 (NUMBER OF CIRCUITS INDICATED BY QUANTITY OF ARROW HEADS). CIRCUIT USING (3) #12, (1) #12G, 3/4"C., UNO.
	LIFE SAFETY LIGHTING CIRCUITRY
	POWER / LIGHTING CIRCUITRY
	CIRCUITRY TURNING UP

NOTE: WHERE CIRCUIT ROUTING IS INDICATED, IT SHALL BE CONSIDERED DIAGRAMATIC ONLY. CONTRACTOR IS TO PROVIDE NECCASSARY OFFSETS AND ROUTE FEEDERS TO AVOID OBSTACLES AND FIELD CONDITIONS.

VIDEO SURVEILLANCE LEGEND

CCTV 360	IP SECURITY SURVEILANCE CAMERA, 360 DEGRESS RPZ COVERAGE, INTERIOR RATED ENCLOSURE, CAT 6A CABLE TERMINATED. PULL ALL CABLES BACK TO ETWORK CLOSET 108, TERMINATE AND TEST.
CCTV 180 WP	IP SECURITY SURVEILANCE CAMERA, 180 DEGRESS COVERAGE, EXTERIOR IP65 RATED ENCLOSURE, CAT 6A CABLE TERMINATED. PULL ALL CABLES BACK TO ETWORK CLOSET 108, TERMINATE AND TEST.
DNVR	DIGITAL NETWORK VIDEO RECORDER
MULT	VIDEO MULTIPLEXOR

ELECTRICAL SYMBOL/TAG LEGEND

	DASHED AND/OR HATCHED INDICATES EXISTING EQUIPMENT TO BE REMOVED
	SOLID LIGHT INDICATES EXISTING TO REMAIN EQUIPMENT
	HEAVY & SOLID INDICATES EQUIPMENT TO BE PROVIDED NEW
##	TEXT ADJACENT TO DEVICES INDICATES CONFIGURATION AND / OR MOUNTING HEIGHT. REFER TO LIST BELOW FOR DEFINITIONS:
ETR	EXISTING EQUIPMENT TO REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
RE	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED AS SHOWN. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
R	EXISTING EQUIPMENT TO BE REMOVED AND REPLACED WITH NEW.
WG	WIRE GUARD

WIRING DEVICES LEGEND

	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
EXP	EXPLOSION RESISTANT RECEPTACLE
H	HORIZONTAL MOUNT DUPLEX RECEPTACLE
GFI	GROUND FAULT CIRCUIT INTERRUPTER PROTECTED DUPLEX RECEPTACLE
U	DUAL USB TYPE RECEPTACLE
	DUPLEX RECEPTACLE - CONTROLLED BY AUTOMATIC CONTROL SENSOR
	DOUBLE DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE - CONTROLLED BY AUTOMATIC CONTROL SENSOR
#	SPECIAL PURPOSE RECEPTACLE, # DENOTES NEMA CONFIGURATION
FB	FLOOR BOX, TYPE NOTED AND WITH DEVICES INDICATED
OS	AUTO-ON, AUTO-OFF OCCUPANCY SENSOR, WALL MOUNT 6" BELOW CEILING
OS	AUTO-ON, AUTO-OFF OCCUPANCY SENSOR, CEILING MOUNT
VS	MANUAL-ON, AUTO-OFF VACANCY SENSOR, WALL MOUNT 6" BELOW CEILING
VS	MANUAL-ON, AUTO-OFF VACANCY SENSOR, CEILING MOUNT
DS	DAY-LIGHT SENSOR
$	LIGHT SWITCH

a,b	LOWER CASE LETTER INDICATES SWITCH DESIGNATION
3	3-WAY SWITCH
4	4-WAY SWITCH
D	DIMMER SWITCH
K	KEYED SWITCH
OS	AUTO-ON, AUTO-OFF OCCUPANCY SENSOR SWITCH
VS	MANUAL-ON, AUTO-OFF VACANCY SENSOR SWITCH
DT	DUAL TECHNOLOGY TYPE
AUX	WITH AUXILLARY CONTACTS

WM	DUAL CHANNEL SURFACE RACEWAY
SR	SINGLE CHANNEL SURFACE RACEWAY

LIGHTING LEGEND

a A# a A#	LIGHT FIXTURES (LUMINAIRES) UPPERCASE TEXT # DENOTES TYPE LOWERCASE LETTER INDICATES SWITCH DESIGNATION "EM" INDICATES WHERE FED WITH LS BACK UP POWER
a A# a A#	LIGHT FIXTURES (LUMINAIRES) UPPERCASE TEXT # DENOTES TYPE LOWERCASE LETTER INDICATES SWITCH DESIGNATION "EM" INDICATES WHERE FED WITH LS BACK UP POWER
EM	WALL MOUNT FIXTURE WITH BATTERY BACKUP
EM#	EMERGENCY BATTERY UNIT UPPERCASE TEXT # DENOTES TYPE
EM# EM#	REMOTE EMERGENCY LIGHT UPPERCASE TEXT # DENOTES TYPE
EX#	EXIT LIGHT FIXTURE, SINGLE FACED, UPPERCASE TEXT # DENOTES TYPE
EX#	EXIT LIGHT FIXTURE, DOUBLE FACED, UPPERCASE TEXT # DENOTES TYPE
	COMBINED EMERGENCY BATTERY UNIT AND EXIT LIGHT FIXTURE UPPERCASE TEXT # DENOTES TYPE
AR	AREA OF REFUGE FIXTURE, UPPERCASE TEXT # DENOTES TYPE
PC	PHOTOCELL CONTROL
C-##	MULTI-POLE CONTACTOR, QUANTITY. OF POLES AS INDICATED ON PLANS
TC	TIME CLOCK, TYPE AS SPECIFIED

LIFE SAFETY UL LISTED TRANSITION RELAYS:

ELCU	EMERGENCY LIGHTING CONTROL RELAY - REFER TO SHEET E-502 FOR DETAILS.
ELCUD	EMERGENCY LIGHTING CONTROL RELAY FOR USE WITH DIMMABLE FIXTURES/SWITCHES - REFER TO SHEET E-502 FOR DETAILS

COMMUNICATIONS LEGEND

WAP	WIRELESS ACCESS POINT, ONE (1) TERMINATED CAT 6A, EACH LOCATION HARDWARE BY CAMPUS, CABLING BY CONTRACTOR, SEE SPEC 271010 PULL ALL CABLES BACK TO ETWORK CLOSET 108, TERMINATE AND TEST.
	PLAIN OUTSIDE TELEPHONE LINE (POTS), (CAT 3) PULL ALL CABLES BACK TO ETWORK CLOSET 108, TERMINATE AND TEST.
	DATA-COMMUNICATIONS OUTLET. TERMINATED CAT 6A EACH PORT. # DENOTES QUANTITY OF PORTS CABLING BY CONTRACTOR , SEE SPEC SECTION 271010 PULL ALL CABLES BACK TO ETWORK CLOSET 108, TERMINATE AND TEST.
PROJ	PROJECTOR / PROJECTOR MOUNT

TEXT ADJACENT TO COMMUNICATION DEVICES INDICATES CONFIGURATION AND / OR MOUNTING HEIGHT. REFER TO LIST BELOW FOR DEFINITIONS:

AC	MOUNT DEVICE ABOVE COUNTER HEIGHT. COORDINATE WITH OTHER TRADES TO DETERMINE PROPOSED COUNTER HEIGHT PRIOR TO MOUNTING DEVICE.
#D	NUMBER INDICATES QUANTITY OF INDIVIDUAL DATA JACKS REQUIRED AT THAT LOCATION. TERMINATE IN NEAREST DATA RACK, UNO.
#T	NUMBER INDICATES QUANTITY OF INDIVIDUAL TELEPHONE JACKS REQUIRED AT THAT LOCATION. TERMINATE TO TELEPHONE INTERFACE.
XX"	MOUNT DEVICE AT INDICATED LEVEL ABOVE FINISHED FLOOR (AFF).
ADMIN	ADMINISTRATIVE MASTER HANDSET

ACCESS CONTROL LEGEND

REX	REQUEST TO EXIT DEVICE
SE	SECURITY MOTION SENSOR
ACP	ACCESS CONTROL PANEL
DS	ELECTRIC DOOR STRIKE
DC	DOOR STATUS SWITCH (CONTACTOR)
PR	PROXIMITY READER
CR	CARD READER
KP	KEY PAD
DR	DOOR RELEASE BUTTON
PTD	POWER TRANSFER DEVICE (HINGE)

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

KEYED DEMOLITION NOTES THIS PLAN:

(D1) DISCONNECT AND REMOVE POWER PANEL, PANEL FEEDER, AND ALL ASSOCIATED BRANCH CIRCUITRY COMPLETE TO SOURCE, UNO. IDENTIFY ABANDONED BREAKER AS SPARE AND SWITCHED OFF.

(D2) DISCONNECT AND REMOVE POWER CIRCUITRY SERVING EQUIPMENT SHOWN TO BE DEMOLISHED. REMOVE POWER CIRCUITRY AND ASSOCIATED COMPONENTS COMPLETE TO SOURCE.

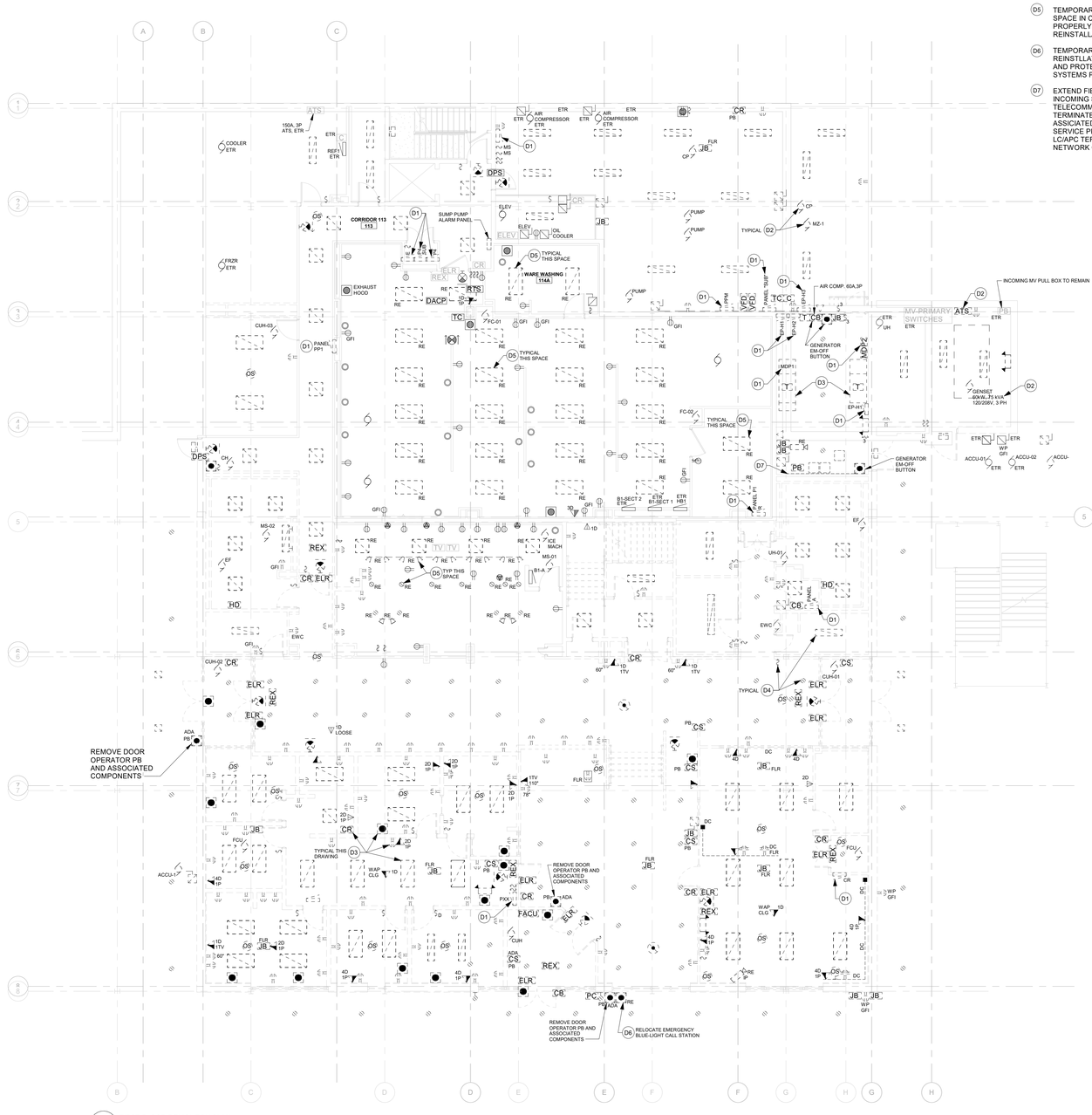
(D3) DISCONNECT AND REMOVE WIRING DEVICE(S) SHOWN TO BE DEMOLISHED, ASSOCIATED COMPONENTS, AND CIRCUITRY COMPLETE TO SOURCE.

(D4) DISCONNECT AND REMOVE LIGHTING FIXTURES, LIGHTING CONTROLS, CIRCUITRY, AND ASSOCIATED COMPONENTS, SHOWN TO BE DEMOLISHED, COMPLETE TO SOURCE.

(D5) TEMPORARILY DISCONNECT AND REMOVE LIGHT FIXTURES THIS SPACE IN CONFLICT WITH WORK THIS PROJECT. LABELED "RE" PROPERLY WRAP, STORE, AND PROTECT FIXTURES FOR REINSTALLATION. SEE LIGHTING PLANS FOR ASSOCIATED WORK.

(D6) TEMPORARIALY DISCONNECT, REMOVE, AND STORE FOR REINSTLLATION EMERGENCY "BLUE-LIGHT" CALL STATION. IDENTIFY AND PROTECT ASSOCIATED CIRCUITRY FOR REUSE. SEE POWER AND SYSTEMS PLAN FOR ASSOCIATED WORK.

(D7) EXTEND FIBER-OPTIC, AND COPPER TELECOMMUNICATIONS, INCOMING SERVICES, RISER, AND MAIN TRUNK LINES UP TO TELECOMMUNICATIONS BACK BOARD IN NETWORK CLOSET 108, TERMINATE AND TEST. FIELD COORDINATE AND FACILITATE ASSICIATED WORK WITH CAMPUS IT SERVICES AND EACH INDIVIDUAL SERVICE PROVIDERS. FOR BIDDING PURPOSES, ALLOW FOR (12) LC/APC TERMINATED SINGLE-MODE FO CABLES EXTENDED TO NETWORK CLOSET 108.



1 FIRST FLOOR DEMOLITON PLAN
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 090705

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

SHEET NUMBER:
ED-101

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR PROJECT GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

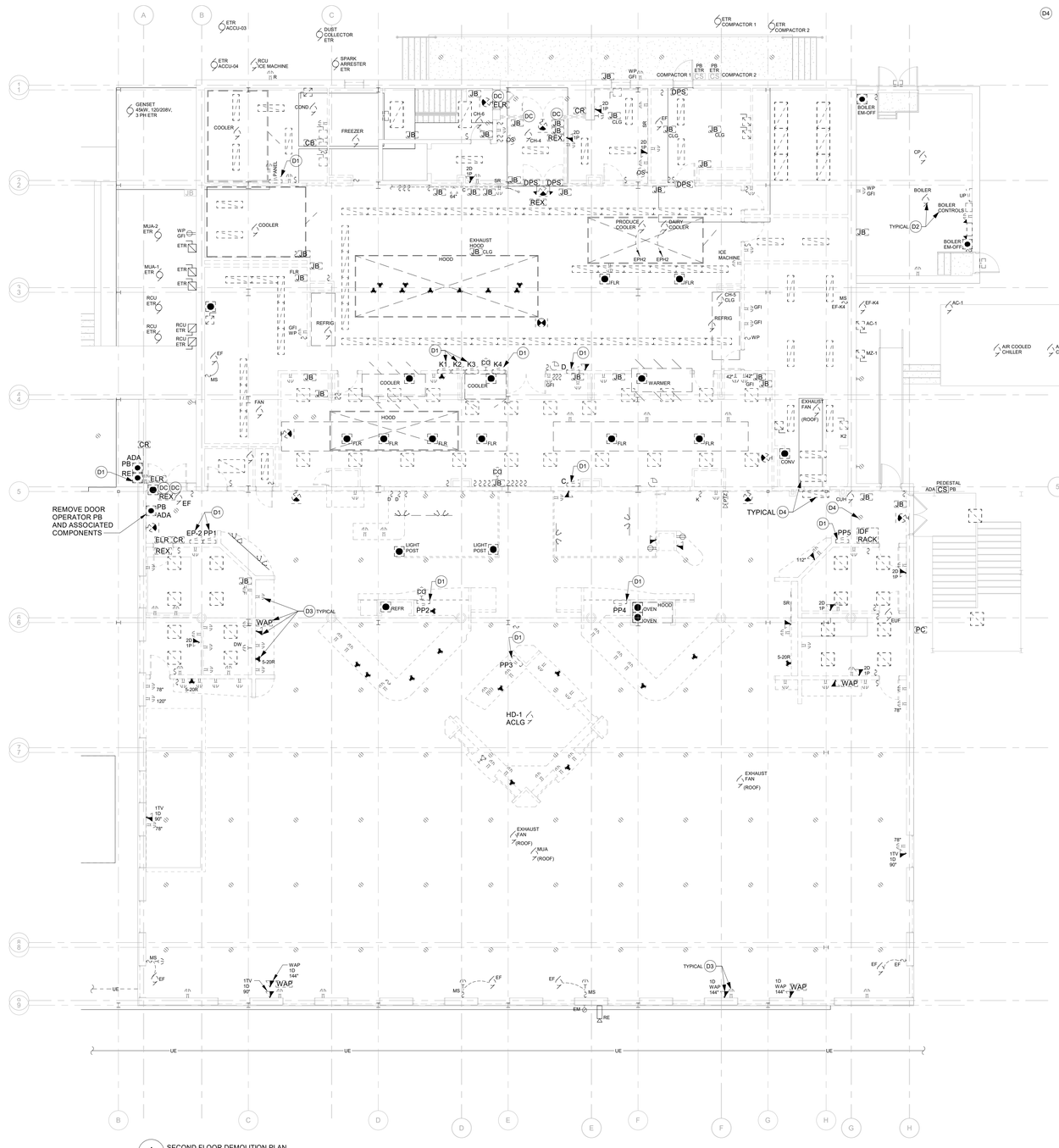
KEYED DEMOLITION NOTES THIS SPLAN:

D1 DISCONNECT AND REMOVE POWER PANEL, PANEL FEEDER, AND ALL ASSOCIATED BRANCH CIRCUITRY COMPLETE TO SOURCE, UNO. IDENTIFY ABANDONED SOURCE BREAKER AS SPARE AND SWITCHED OFF.

D2 DISCONNECT AND REMOVE POWER CIRCUITRY SERVING EQUIPMENT SHOWN TO BE DEMOLISHED. REMOVE POWER CIRCUITRY AND ASSOCIATED COMPONENTS COMPLETE TO SOURCE.

D3 DISCONNECT AND REMOVE WIRING DEVICE(S) SHOWN TO BE DEMOLISHED, ASSOCIATED COMPONENTS, AND CIRCUITRY COMPLETE TO SOURCE.

D4 DISCONNECT AND REMOVE LIGHTING FIXTURES, LIGHTING CONTROLS, CIRCUITRY, AND ASSOCIATED COMPONENTS, SHOWN TO BE DEMOLISHED, COMPLETE TO SOURCE.



1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

EDWARD J CASAZZA LICENSED PROFESSIONAL ENGINEER 091078 STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
SECOND FLOOR - ELECTRICAL DEMOLITION PLAN

SHEET NUMBER:
ED-102

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

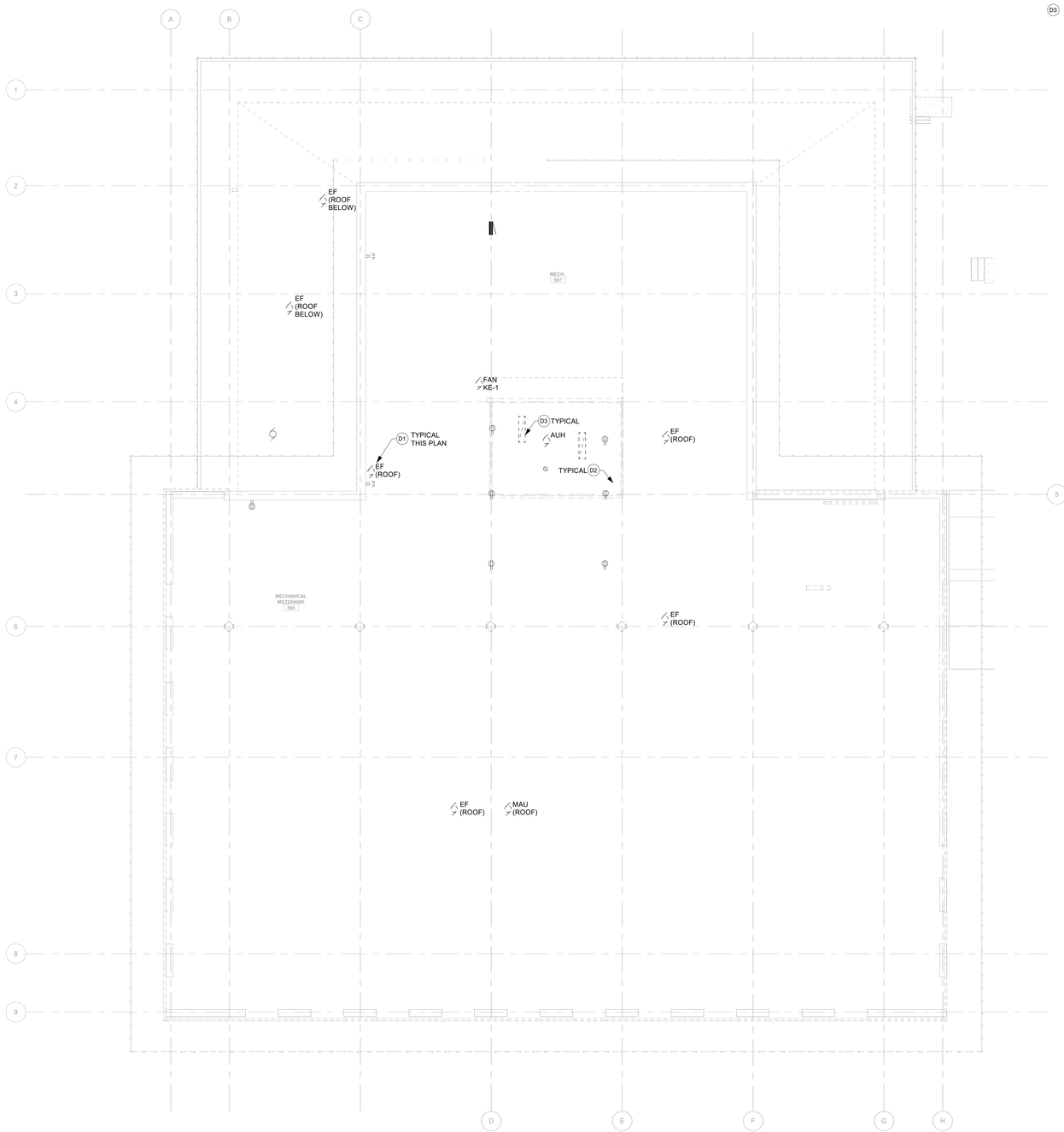
A. REFER TO DRAWING E-000 FOR PROJECT GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

KEYED DEMOLITION NOTES, THIS SHEET:

D1 DISCONNECT AND REMOVE POWER CIRCUITRY SERVING EQUIPMENT SHOWN TO BE DEMOLISHED. REMOVE POWER CIRCUITRY AND ASSOCIATED COMPONENTS COMPLETE TO SOURCE.

D2 DISCONNECT AND REMOVE WIRING DEVICE(S) SHOWN TO BE DEMOLISHED, ASSOCIATED COMPONENTS, AND CIRCUITRY COMPLETE TO SOURCE.

D3 DISCONNECT AND REMOVE LIGHTING FIXTURES, LIGHTING CONTROLS, CIRCUITRY, AND ASSOCIATED COMPONENTS, SHOWN TO BE DEMOLISHED, COMPLETE TO SOURCE.



1 MAZZANINE LEVEL DEMOLITION
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090707 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

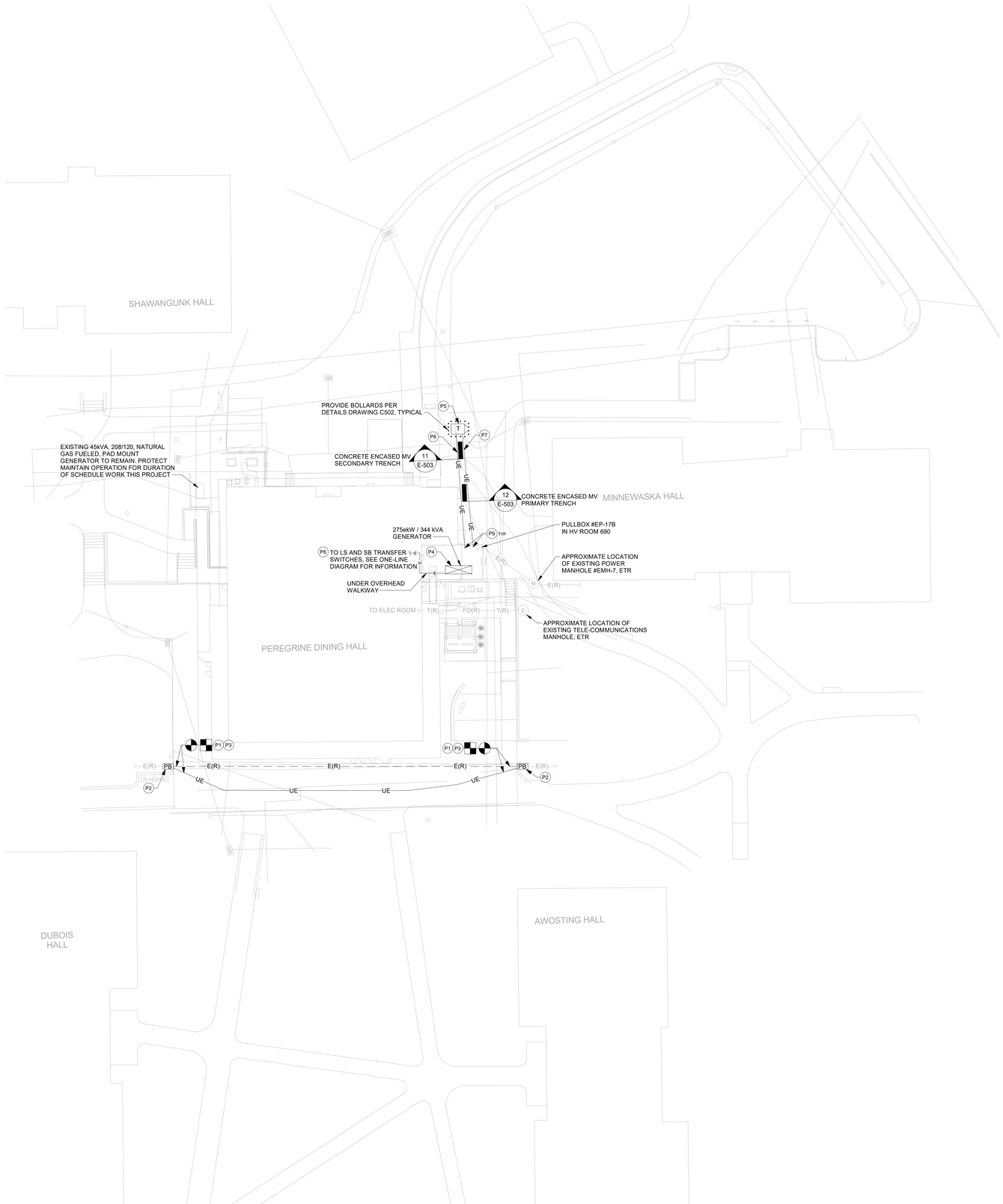
SCALE: 1/8" = 1'-0"

SHEET NAME:
MEZZANINE LEVEL DEMOLITION

SHEET NUMBER:
ED-103

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR DEMOLITON PLAN
1" = 30'-0"

SCALE: 1" = 30'-0"
0' 15' 30' 60'

KEYED POWER AND SYSTEMS NOTES, THIS SHEET:

P1 APROXIMATE ROUTING OF EXISTING UNDERGROUND ELECTRIC CIRCUITRY IN CONFLICT WITH EXCAVATION. CONTRACTOR IS TO TRACE, LOCATE, IDENTIFY, AND TEST CIRCUITRY. RECORD TEST FINDINGS TO ESTABLISH THE OPERATING CONDITION OF IMPACTED SYSTEMS. CAREFULLY EXCAVATE TO AND CIRCUITRY. PULL BACK CIRCUITRY TO NEXT ACCESSIBLE PULL POINTS TO ALLOW FOR INTURRUPTION OF CONDUIT.

P2 INTERRUPT CONDUIT, PROVIDE TIER 15 RATED, STACKABLE BURIED PULL BOX, EQUAL TO QUAZITE CAT #PG-24Wx30Lx18D WITH COVER ENGRAVED "ELECTRIC".

P3 UPON INSTALLATION OF PULLBOX MODIFY / EXTEND EXISTING BURIED CIRCUITRY VIA APPOROXIMATE ROUTING INDICATED AND RECONNECT. FOR BIDDING PURPOSES, ASSUME (3) #8'S, (1)#10G, 1" CONDUIT BETWEEN PULL BOXES INDICATED. RECORD ROUTING AND LOCATIONS ON AS-BUILTS. TEST IMPACTED SYSTEMS AND RETURN TO PRE-CONSTRUCTION CONDITION FOR PROPER OPERATION.

P4 PROVIDE 275kW, 277/480V STAND-BY GENERATOR ON CONCRETE PAD IN LEVEL 3 SOUND ATTENUATED ENCLOSURE, (65dBA AT 23 FEET), AND ALL AAPPURTENCES FOR A COMPLETE OPERATING SYSTEM. SEE ONE-LINE DRAWING AND SPECIFICATIONS FOR INFORMATION.

P5 PROVIDE 13.2kV DELTA TO 480/277V WYE, 3 PHASE, 2500 kVA PAD, UTILITY DISTRIBUTION RATED MOUNT TRANSFORMER ON CONCRETE PAD. PROVIDE ALL APPURTENCES FOR A COMPLETE OPERATING SYSTEM. ADHERE CENTRAL HUDSON SPECIFICATIONS, IDENTIFY AS "T-UTHMDP". CONCRETE PAD FURNISHED BY C-CONTRACTOR, COORDINATE IN FIELD. ADHERE TO CENTRAL HUDSON SPECIFICATIONS.

P6 APPROXIMATE ROUTING OF EMERGENCY/STAND-BY GENERATOR POWER AND CONTROL CONDUITS INTO PANEL GENDP WITHIN BUILDING'S TO ATS ROOM ON FIRST FLOOR. PROVIDE ALL REQUIRED PENETRATIONS, SLEEVES, CONDUIT HANGERS, AND ASSOCIATED COMPONENTS. ADHERE TO NEC AND NEC 700 INSTALLATION REQUIREMENTS. FIELD COORDINATE ROUTING CHARACTERISTICS IN FIELD WITH CAMPUS REPRESENTATIVE AND ALL TRADES PRIOR TO ROUGH-IN. SEE ONE-LINE DIAGRAM AND SPECIFICATIONS FOR INFORMATION. SEE E-201 AND E-202 FOR CONTINUATION

P7 APPROXIMATE ROUTING OF CONCRETE ENCASED UNDERGROUND MEDIUM VOLTAGE PRIMARY DUCTBANK FROM MV GAS FILLED SWITCH AT HV POWER ROOM 430 TO PAD MOUNT T-UTHMDP. SEE ONE-LINE DIAGRAM AND CIVIL DRAWINGS FOR ASSOCIATED INFORMATION.

P8 APPROXIMATE ROUTING OF UNDERGROUND SECONDARY VOLTAGE DUCTBANK FROM PAD MOUNT T-UTHMDP TO UTHMDP IN HV POWER ROOM 430. SEE ONE-LINE DIAGRAM AND CIVIL DRAWINGS FOR ASSOCIATED INFORMATION.

P9 PROVIDE WATER-TIGHT CORE PENETRATIONS WITH MECHANICA MODULAR SEAL AT EXISTING FOUNDATION WALLS. TYPICAL FOR EACH CONDUIT INDICATED. SEE TYPICAL DETAIL 3/E5-03.

GENERAL UTILITY CONSTRUCTION NOTES:

A. ALL EXISTING CONDITIONS HAVE BEEN SURVEYED OR DESIGNED BY OTHERS. NO WARRANTY OF THE ACCURACY OF THE LOCATIONS OF EXISTING SITE IMPROVOMENTS BY OTHERS AS SHOWN HEREON IS EXPRESSED OR IMPLIED BY WATTS ENGINEERS.

B. THE CONTRACTOR SHALL VERIFY ALL GRADES, ELEVAATIONS AND DIMENSIONS IN THE FIELD. ANY DISCREPANCIES AND/OR CONFICTS WITH OTHER EXISTING OR PROPOSED IMPROVEMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER FOR RESOLUTION.

C. THE CONTRACTOR SHALL RESTORE ALL EXISTING SITE IMPROVEMENTS TO THEIR ORGINAL CONDITION AS NECESSARY INCLUDING EXISTING UTILITIES, LAWN AREAS, SIDEWALKS, PAVEMENT, CURBS, SIGNS, FENCES, ETC.

D. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING SITE UTILITIES DURING CONSTRUCTION. THE CONTRACTOR IS REPONSIBLE FOR ANY DISRUPTION OF UTILITY SERVICES AND DAMAGE TO EXISTING SITE IMPROVEMENTS, INCLUDING UNDERGROUND UTILITIES, RESULTING FROM THE OPERATIONS IN EXECUTION OF THE WORK.

E. IT IS THE CONTRACTOR'S RESPONSIBLITY TO SECURE THE WORK AREA AND PROVIDE SAFETY BARRIERS AROUND ANY AREAS OF INCOMPLETE WORK. MINIMUM REQUIREMENTS SHALL BE THAT ANY OPEN TRENCHES SHALL BE SURROUNDED BY CONTINOUS FOUR-FOOT HIGH ORANGE PLASITC CONSTRUCTION BARRIER FENCING OR COVERED WITH 1-INCH THICK STEEL PLATE

F. UPON SUBSTANTIAL COMPLETION, ALL TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITES ARE TO BE REMOVED AND PROPERLY DISPOSED OF. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL IMPACTED EXISTING TO REMAIN EQUIPMENT AND COMPONENTS TO PRE-CONSTRUCTION CONDITION.

G. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGEND, AND ABBREVIATIONS.

H. CONTRACTOR IS TO THOROUGHLY COORDINATE ALL WORK AND PROJECT PHASING ON SITE WITH OWNER'S REPRESENTATIVE AND ALL TRADES.

J. CONTRACTOR TO IDENTIFY ALL SUB-SURFACE UTILIYIES ON SITE PRIOR TO BEGINNING ANY EXCAVATIONS.

K. CONTRACTIR IS SOLELY RESPONSIBLE FOR ALL ASPECTS OF TEMPORARY CONSTRUCTION UTILITIES DURING THE CONSTRUCTION PHASE.

L. CONTRACTOR TO THOROUGHLY COORDINATE THE ROUTING OF ALL CONDUITS AND PULL BOX LOCATIONS ON SITE WITH ALL TRADES AND UTILITY PROVIDERS, PRIOR TO START OF WORK, TO AVOID CONFLICTS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

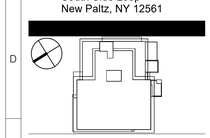
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: 1/4" = 1'-0"
SHEET NAME:
ELECTRIC UTILITY PLAN
SHEET NUMBER:
ES-1

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

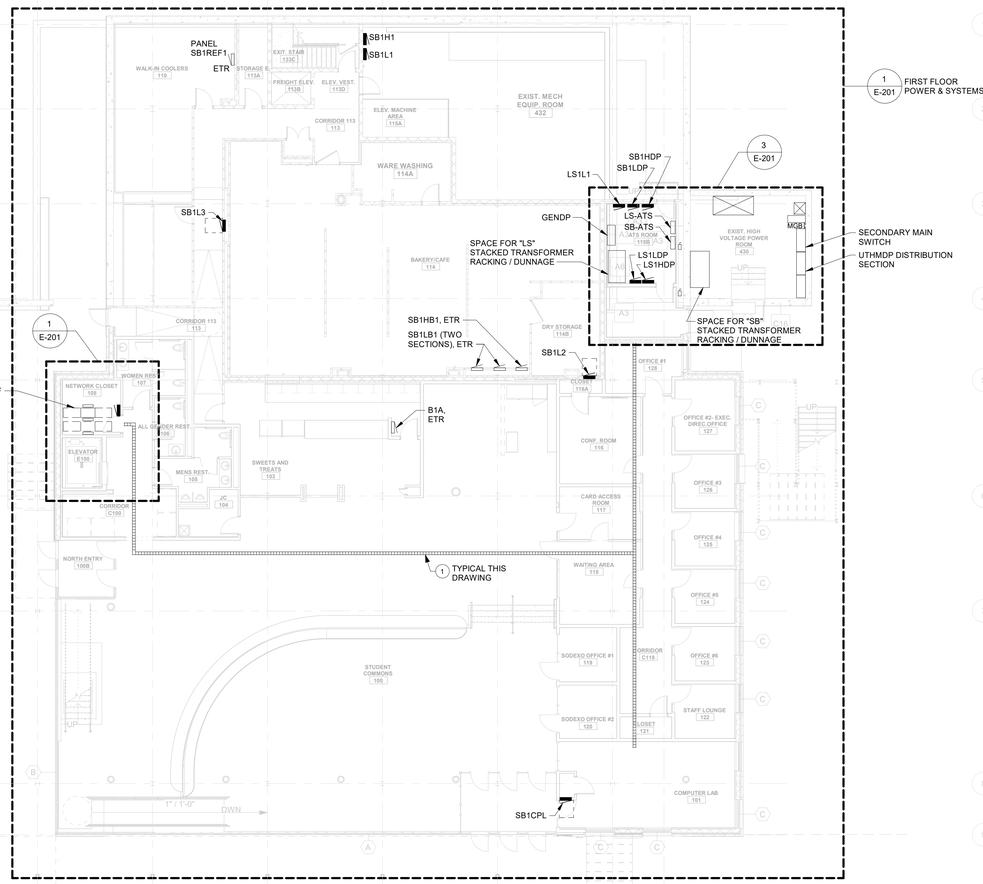
GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

(#) KEYED NOTES, THIS SHEET:

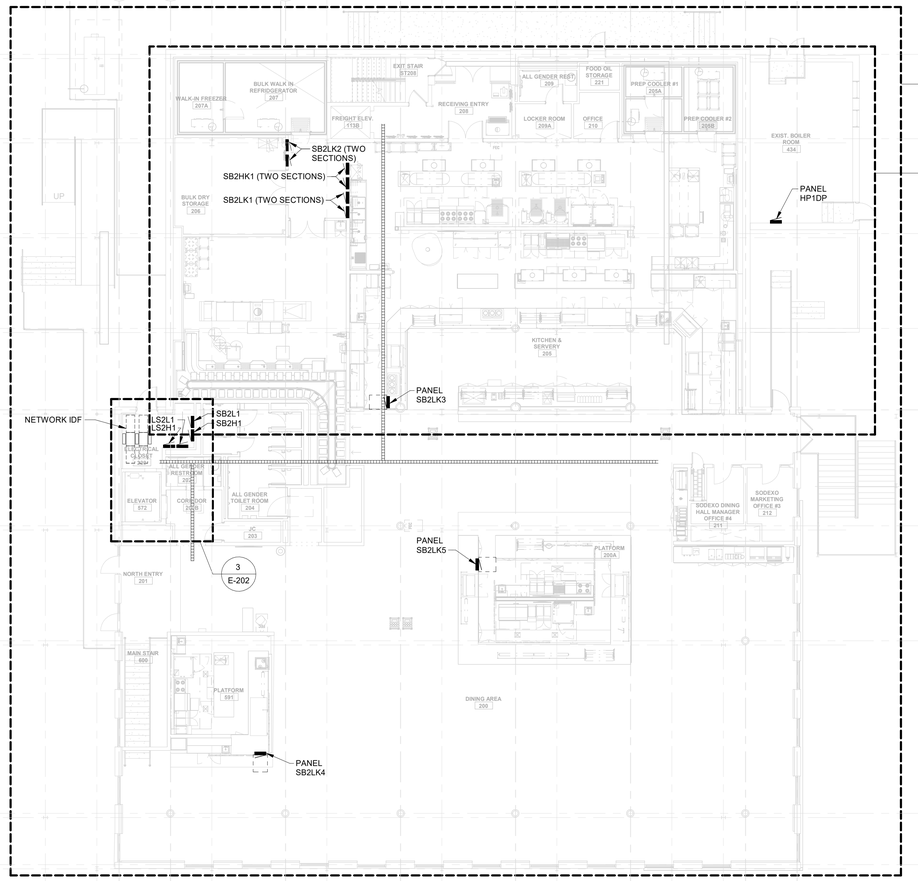
(1) PROVIDE 16" INCH WIDE BASKET TYPE CABLE-TRAY PATHWAY SYSTEM, INCLUSIVE OF ALL COMPONENTS, MOUNTING BRACKETS AND HARDWARE. MOUNT AT 9'-7" AFF TO BOTTOM. FIELD ADJUST HEIGHTS, OFFSETS, AND ROUTING TO AVOID CONFLICTS. CONCEAL SYSTEM ABOVE LAY-IN CEILINGS, EXPOSED WHERE HARD CEILINGS. UTILIZE CABLE TRAY FOR ALL LOW VOLTAGE, DATA-TELECOMMUNICATIONS, CABLING, SECURITY SURVELANCE, AND DOOR ACCESS CABLING. COORDINATE ROUTING AND MOUNTING HEIGHT IN FIELD WITH CAMPUS IT SERVICES AND CAMPUS PROJECT REPRESENTATIVE.

(2) PROVIDE 16" INCH WIDE BASKET TYPE CABLE-TRAY PATHWAY SYSTEM, INCLUSIVE OF ALL COMPONENTS, MOUNTING BRACKETS AND HARDWARE. MOUNT AT 8'-7" AFF TO BOTTOM. FIELD ADJUST HEIGHTS, OFFSETS, AND ROUTING TO AVOID CONFLICTS. CONCEAL SYSTEM ABOVE LAY-IN CEILINGS, EXPOSED WHERE HARD CEILINGS. UTILIZE CABLE TRAY FOR ALL LOW VOLTAGE, DATA-TELECOMMUNICATIONS, CABLING, SECURITY SURVELANCE, AND DOOR ACCESS CABLING. COORDINATE ROUTING AND MOUNTING HEIGHT IN FIELD WITH CAMPUS IT SERVICES AND CAMPUS PROJECT REPRESENTATIVE.



1 REFERENCE KEY PLAN - FIRST FLOOR
3/32" = 1'-0"

SCALE: 3/32" = 1'-0"



2 REFERENCE KEY PLAN - SECOND FLOOR
3/32" = 1'-0"

SCALE: 3/32" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J CABEZA · LICENSED PROFESSIONAL ENGINEER · 090 10178

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

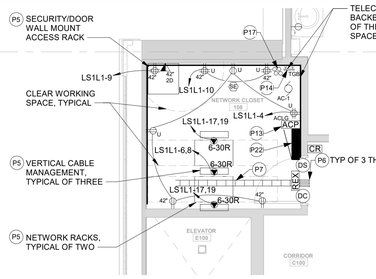
SCALE: 3/32" = 1'-0"

SHEET NAME:
REFERENCE KEY PLAN

SHEET NUMBER:
E-100

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



4 E-201 ENLARGED PLAN

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFERENCE KITCHEN EQUIPMENT CONNECTION SCHEDULES AND CORRELATE WITH FOOD SERVICE EQUIPMENT DRAWINGS. PROVIDE ALL REQUIRED CONNECTIONS, DEVICES AND CIRCUITRY ON SCHEDULES. ALL LOCATIONS SHOWN ARE DIAGRAMMATIC. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS. FIELD VERIFY ROUGH-IN AND DEVICES LOCATIONS WITH APPROVED FOOD SERVICE SUBMITTALS PRIOR TO INSTALLATION. COORDINATE INSTALLATIONS WITH FOOD SERVICE CONTRACTOR AND ALL TRADES. SEE QF-SERIES DRAWINGS FOR INFORMATION.

C. ALL DISCONNECT SWITCH WITHIN KITCHEN AND ANCILLARY SPACES ARE TO BE NEMA 4 - STAINLESS STEEL ENCLOSURES.

D. SEE WIRING DEVICE SPECIFICATIONS FOR DEVICE PLATE REQUIREMENTS.

KEYED POWER & SYSTEMS NOTES THIS PLAN:

P1 WIRING DEVICE CONTROLLED BY AUTOMATIC SENSOR PROVIDE INTER-CONNECTION WITH OCCUPANCY SENSOR, THIS SPACE, FOR AUTOMATIC CONTROL OF RECPETACLES INDICATED IN ACCORDANCE WITH ASHRAE 90.1. PROVIDE ALL ASSOCIATED COMPONENTS AND CIRCUITRY.

P2 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN CONSTRUCTION WITH DIV01. ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P3 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN COLUMN COVER WITH DIV01. ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P4 PROVIDE TELECOMMUNICATIONS BACKBOARD AT WALLS INDICATED. PROVIDE 3/4" THICK, PLAYWOOD, PAINTED WITH TWO LAYES OF GRAY FIRE RETARDANT PAINT. SEE SPECIFICATIONS FOR INFORMATION. ALL RECEPTACLES TO BE FLUSH MOUNT TO TELECOMMUNICATIONS BOARD SURFACE. COORDINATE LAYOUT WITH CAMPUS PROJECT MANAGER.

P5 NETWORK MOUNTING RACK AND NETWORK EQUIPMENT FURNISHED BY CAMPUS, INSTALLED AND CONNECTED BY CONTRACTOR. COORDINATE ON SITE WITH CAMPUS PROJECT MANAGER.

P6 PROVIDE 3" GRS FIRE RATED PASS-THROUGH SLEEVE TO MAINTAIN FIRE RATING OF PARTITION ASSEMBLY. SEE DRAWINGS G-101, G-102, AND SPECIFICATIONS SECTION 078413 FOR INFORMATION. FIELD COORDINATE LOCATIONS ON SITE WITH ALL TRADES.

P7 PROVIDE 16 INCH WIDE BASKET TYPE CABLE-TRAY PATHWAY SYSTEM, INCLUSIVE OF ALL COMPONENTS, MOUNTING BRACKETS AND HARDWARE. CONCEAL SYSTEM ABOVE LAY-IN CEILINGS, EXPOSED WHERE HARD CEILINGS. UTILIZE CABLE TRAY FOR ALL LOW VOLTAGE, DATA-TELECOMMUNICATIONS, CABLING, SECURITY SURVALENCE, AND DOOR ACCESS CABLING.COORDINATE ROUTING IN FIELD, SEE DETAIL 2/ES03.

P8 PROVIDE MAIN GROUNDING BUS BAR AND ASSOCIATED CONNECTIONS. SEE DETAILS AND SPECIFICATIONS 250526 FOR REQUIREMENTS.

KEYED POWER & SYSTEMS NOTES THIS PLAN:

P9 PROVIDE POE-IP DATA CONNECTIONS, AT CEILING SOFFIT, TO TICKER DISPLAY SIGNAGE. COORDINATE WITH CONTRACTOR INSTALLING SIGNAGE AND CAMPUS IT REPRESENTATIVE.

P10 ADA PUSH BUTTON DOOR ACTUATOR FURNISHED BY DIV01, INSTALLED AND CONNECTED BY DIV26. ALL CIRCUITRY TO BE CONCEALED. COORDINATE ON SITE WITH ALL TRADES.

P11 ADA DOOR OPERATOR MOTOR BY DIV01, ICONNECTED BY DIV26. ALL CIRCUITRY TO BE CONCEALED. COORDINATE ON SITE WITH ALL TRADES.

P12 FLAT SCREEN DISPLAY LOCATION, PROVIDE FLUSH IN WALL MULTI-SERVICE BACKBOX WITH STORAGE CAPACITY EQUAL TO WIREMOLD #WMPAC526FCW AT 68" INCHES TO THE CENTER. PROVIDE POWER CIRCUITRY INDICATED TO RECEPTACLES. PROVIDE TERMINATED CAT 6 DATA CABLES TO DATA COMPARTMENT FROM NEAREST NETWORK DATA RACK. ALL CIRCUITRY TO BE CONCEALED. MAINTAIN SEPERATION OF VOLTAGES. FLAT SCREEN DISPLAY AND DISPLAY MOUNTING HARDWARE, NIC. PROVIDE BLOCKING IN WALL. COORDINATE CHARACTERISTICS, WITH ALL TRADES AND ARCHITIECT, IN FIELD PRIOR TO ROUGH-IN.

P13 PROVIDE LOCAL LENEL S2 LOCAL CONTROL JB AND POWER SUPPLY AT AN ACCESSIBLE, CONCEALED LOCATION. PROVIDE PLENUM RATED ACCESS CONTROL SYSTEM CABLING BACK TO ACCESS CONTROL HEAD END EQUIPMENT CABINET IN ELECTRIC ROOM 220. SEE ACCESS CONTROL DETAILS AND DIAGRAMS ON ES01 AND SPECIFICATIONS FOR FURTHER INFORMATION.

P14 PROVIDE TELECOMMUNICATIONS GROUNDING SYSTEM BUS BAR, TYPE AS INDICATED. SEE DETAILS AND SPECIFICATIONS FOR INFORMATION.

P15 FAUCET CONTROLS TRANSFORMER POWER SUPPLY AND ASSOCIATED COMPONENTS BY DIVISION 23, DIVISION 26 TO PROVIDE NEMA 5-20R SIMPLEX RECEPTACLE AND 120, 20 AMP CIRCUITRY INDICATED. COORDINATE WORK ON SITE WITH ALL TRADES.

KEYED POWER & SYSTEMS NOTES THIS PLAN:

P16 PROVED DUPLEX RECEPTACLE AT EWC. FIELD COORDINATE ROUGH-IN CHARACTERISTIC WITH CONTRACTOR RESPONSIBLE FOR EWC INSTALLATION.

P17 EXTEND FIBER-OPTIC, AND COPPER TELECOMMUNICATIONS, INCOMING SERVICES, RISERS, AND MAIN TRUNK LINES UP TO TELECOMMUNICATIONS BACKBOARD IN NETWORK CLOSET 108, TERMINATE AND TEST. FIELD COORDINATE AND FACILITATE ASSOCIATED WORK WITH CAMPUS IT SERVICES AND EACH INDIVIDUAL SERVICE PROVIDERS. FOR BIDDING PURPOSES, ALLOW FOR (12) LC/APC TERMINATED SINGLE-MODE TO CABLES EXTENDED TO NETWORK CLOSET 108.

P18 COORDINATE THE INSTALLATION OF UNDER COUNTER DEVICES WITH ALL TRADES AND CAMPUS REPRESENTATIVE.

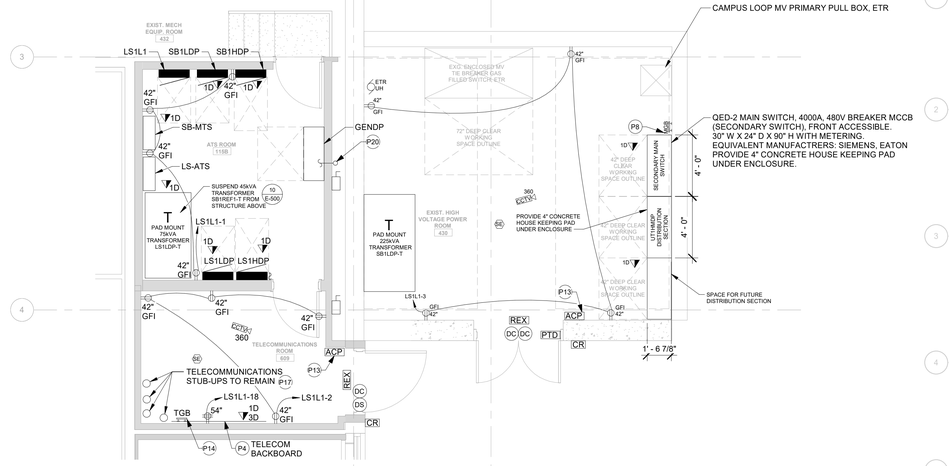
P19 PROVIDE JB WITH 120V-24V LV TRANSFORMER FOR VAV POWER SUPPLIES, MOUNT AT ACCESSIBLE LOCATION ABOVE CEILING. IDENTIFY VAV UNITS SERVED ON JB COVER. IDENTIFY LOCATION AND VAV UNITS SERVED ON AS-BUILTS. COORDINATE LOCATIONS WITH DIV23.

P20 APPROXIMATE ROUTING OF EMERGENCY/STAND-BY GENERATOR POWER AND CONTROL CONDUITS INTO PANEL GENDP WITHIN BUILDING'S TO ATS ROOM ON FIRST FLOOR. PROVIDE ALL REQUIRED PENETRATIONS SLEEVES, CONDUIT HANGERS, AND ASSOCIATED COMPONENTS. ADHERE TO NEC AND NEC 700 INSTALLATION REQUIREMENTS. FIELD COORDINATE ROUTING CHARACTERISTICS IN FIELD WITH CAMPUS REPRESENTATIVE AND ALL TRADES PRIOR TO ROUGH-IN. SEE ONE-LINE DIAGRAM AND SPECIFICATIONS FOR INFORMATION. SEE ES-1 AND E-202 FOR CONTINUATION.

P21 REINSTALL SALVAGED AND RELOCATED EMERGENCY "BLUE-LIGHT" CALL STATION. MODIFY / EXTEND ASSOCIATED CIRCUITRY FOR RECONNECTION. TEST AND ADJUST FOR PROPER OPERATION.

P22 PROVIDE COMPLETE AND FULLY FUNCTION MASS NOTIFICATION SYSTEM INCLUSIVE OF ALL REQUIRED APPURTENANCES AND CONNECTIONS. SEE SPECIFICATION SECTION 275117 FOR INFORMATION.

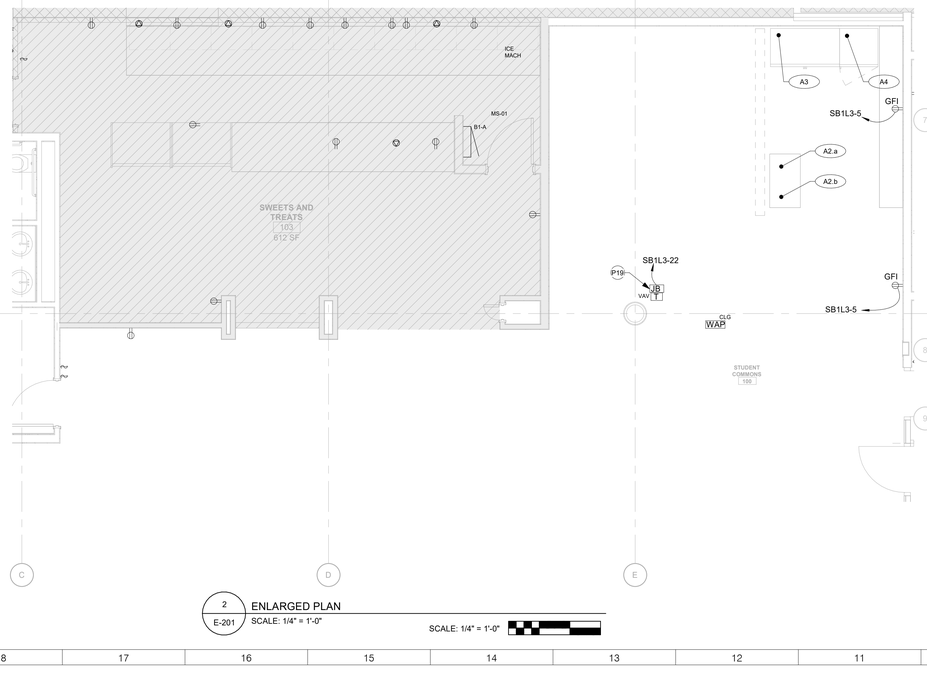
P23 PROVIDE MASS NOTIFICATION SYSTEM HEADEND AND ZONE CONTROL MODULE FOR INTERCONNECTION TO FACP. MASS NOTIFICATION SYSTEM ALERTS TO BE BROADCAST VIA NOTIFICATION APPLIANCES. SEE SPECIFICATIONS FOR FURTHER INFORMATION.



3 E-201 ENLARGED PLAN

SCALE: 1/4" = 1'-0"

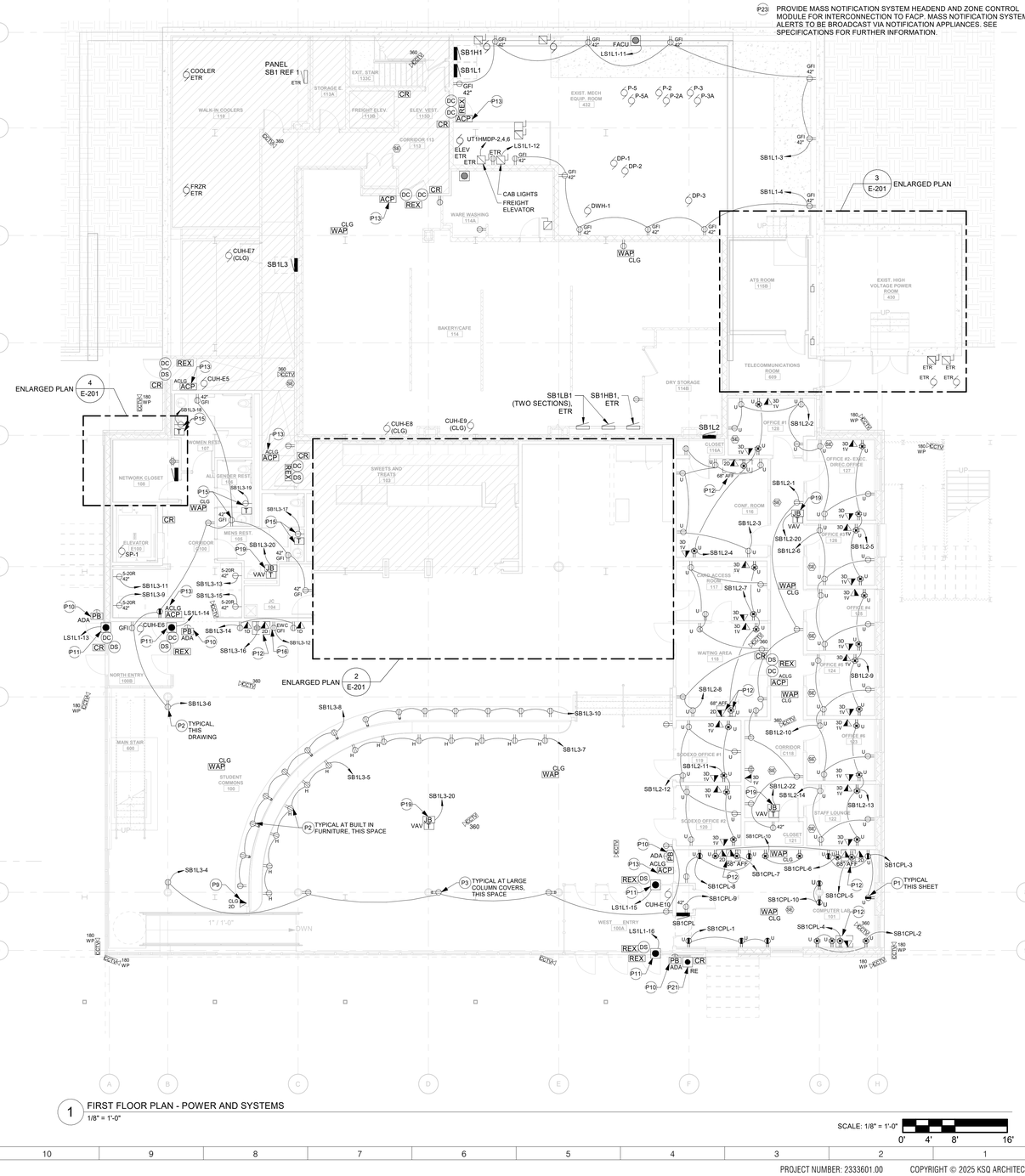
SCALE: 1/4" = 1'-0"



2 E-201 ENLARGED PLAN

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - POWER AND SYSTEMS

1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090775 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

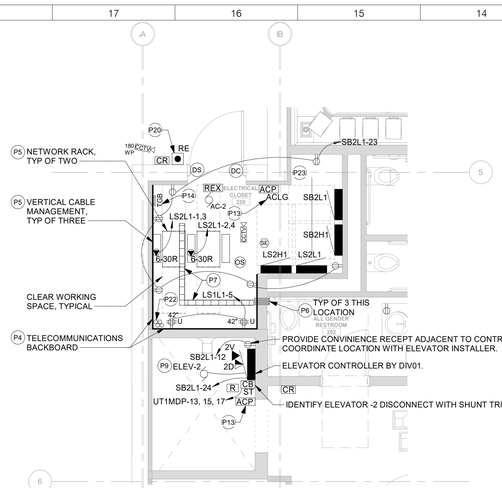
SCALE: As indicated

SHEET NAME:
FIRST FLOOR PLAN
POWER AND SYSTEMS

SHEET NUMBER:
E-201

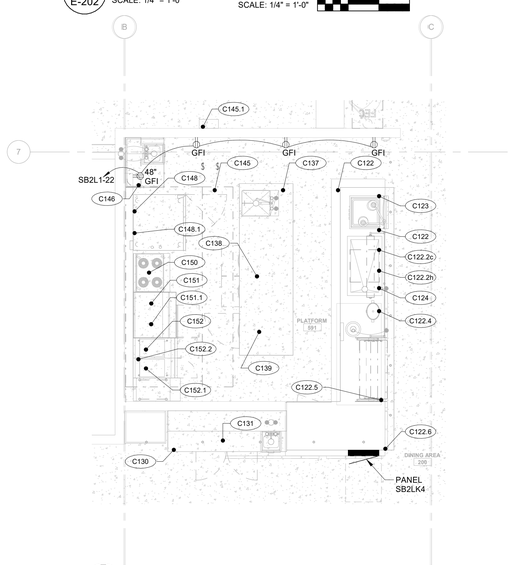
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



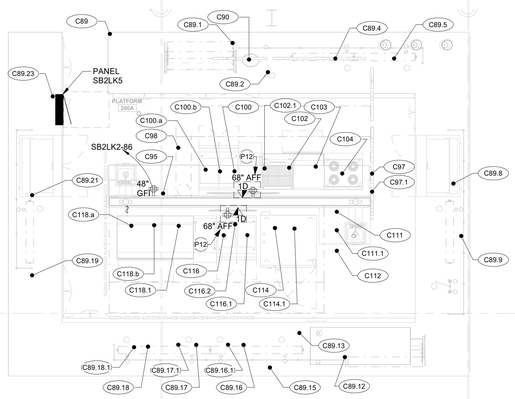
3 E-202 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"



2 E-202 ENLARGED PLAN - SIMPLE PANTRY
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"



1 E-202 ENLARGED PLAN - OFF THE GRIDDLE / KULTURE TRIP
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

P8 KEYED POWER & SYSTEMS NOTES THIS PLAN:

P1 WIRING DEVICE CONTROLLED BY AUTOMATIC SENSOR. PROVIDE INTER-CONNECTION WITH OCCUPANCY SENSOR. THIS SPACE, FOR AUTOMATIC CONTROL OF RECPETACLES INDICATED IN ACCORDANCE WITH ASHRAE 90.1. PROVIDE ALL ASSOCIATED COMPONENTS AND CIRCUITRY.

P2 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN CONSTRUCTION WITH DIV01. ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P3 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN COLUMN COVER WITH DIV01. ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P4 PROVIDE TELECOMMUNICATIONS BACKBOARD AT WALLS INDICATED. PROVIDE 3/4" THICK, PLYWOOD, PAINTED WITH TWO LAYES OF GRAY FIRE RETARDANT PAINT. SEE SPECIFICATIONS FOR INFORMATION. ALL RECEPTACLES TO BE FLUSH MOUNT TO TELECOMMUNCAITIONS BOARD SURFACE, TYPICAL OF THREE WALLS THIS SPACE.

P5 NETWORK MOUNTING RACK AND NETWORK EQUIPMENT FURNISHED BY CAMPUS, INSTALLED AND CONNECTED BY CONTRACTOR. COORDINATE ON SITE WITH CAMPUS PROJECT MANAGER.

P6 PROVIDE 3" GRS FIRE RATED PASS-THROUGH SLEEVE TO MAINTAIN FIRE RATING OF PARTITION ASSEMBLY. SEE DRAWINGS G-101, G-102, AND SPECIFICATIONS FOR SECTION 078413 INFORMATION. FIELD COORDINATE LOCATIONS ON SITE WITH ALL TRADES.

P7 PROVIDE 16 INCH WIDE BASKET TYPE CABLE-TRAY PATHWAY SYSTEM. INCLUSIVE OF ALL COMPONENTS, MOUNTING BRACKETS AND HARDWARE. CONCEAL SYSTEM ABOVE LAY-IN CEILINGS, EXPOSED WHERE HARD CEILINGS. UTILIZE CABLE TRAY FOR ALL LOW VOLTAGE, DATA-TELECOMMUNICATIONS, CABLING, SECURITY SURVELINCE, AND DOOR ACCESS CABLING. COORDINATE ROUTING IN FIELD. SEE DETAIL 2/E503.

P8 PROVIDE WATER-TIGHT MASONRY WALL PENETRATION FROM EXTERIOR INTO BUILDING INTERIOR. ROUTE CONDUITS DOWN AND INTO ATS ROOM 115B

P9 MAKE CONNECTIONS TO ELEVATOR CONTROLLER, FIELD COORDINATE CONNECTION CHARACTERISTICS WITH CONTRACTOR INSTALLING ELEVATOR

P10 ADA PUSH BUTTON DOOR ACTUATOR FURNISHED BY DIV01, INSTALLED AND CONNECTED BY DIV26. ALL CIRCUITRY TO BE CONCEALED. COORDINATE ON SITE WITH ALL TRADES.

P11 ADA DOOR OPERATOR MOTOR BY DIV01, ICONNECTED BY DIV26. ALL CIRCUITRY TO BE CONCEALED. COORDINATE ON SITE WITH ALL TRADES.

P12 FLAT SCREEN DISPLAY LOCATION. PROVIDE FLUSH IN WALL MULTI-SERVICE BACKBOX WITH STORAGE CAPACITY EQUAL TO WIREMOLD #WMPAC526FCW AT 68" TO THE CENTER. PROVIDE POWER CIRCUITRY INDICATED TO RECEPTACLES. PROVIDE TERMINATED CAT 6 DATA CABLES TO DATA COMPARTMENT FROM NEAREST NETWORK DATA RACK. ALL CIRCUITRY TO BE CONCEALED. MAINTAIN SEPERATION OF VOLTAGES. FLAT SCREEN DISPLAY AND DISPLAY MOUNTING HARDWARE, NIC. PROVIDE BLOCKING IN WALL. COORDINATE CHARACTERISTICS, WITH ALL TRADES AND ARCHITIECT, IN FIELD PRIOR TO ROUGH-IN.

P13 PROVIDE LOCAL LENEL S2 LOCAL CONTROL JB AND POWER SUPPLY AT AN ACCESSIBLE, CONCEALED LOCATION. PROVIDE PLENUM RATED ACCESS CONTROL SYSTEM CABLING BACK TO ACCESS CONTROL HEAD END EQUIPMENT CABINET IN ELECTRIC ROOM 220. SEE ACCESS CONTROL DETAILS AND DIAGRAMS ON E501 AND SPECIFICATIONS FOR FURTHER INFORMATION.

P14 PROVIDE GROUNDING SYSTEM BUS BAR, TYPE AS INDICATED. SEE DETAILS AND SPECIFICATIONS FOR INFORMATION.

P15 BASES OF DESIGN WWHP1DP POWER DISTRIBUTION PANEL BY DIV26. SEE DIV 23 CONTRACT DRAWINGS FOR INFORMATION.

P16 FAUCET CONTROLS TRANSFORMER POWER SUPPLY AND ASSOCIATED COMPONENTS BY DIVISON 23. DIVISON 26 TO PROVIDE NEMA 5-20R SIMPLEX RECEPTACLE AND 120, 20 AMP CIRCUITRY INDICATED. COORDINATE WORK ON SITE WITH ALL TRADES.

P17 PROVIDE DUPLEX RECEPTACLE AT EWC, FIELD COORDINATE ROUGH-IN CHARACTERISTIC WITH CONTRACTOR RESPONSIBLE FOR EWC INSTALLATION.

P18 PROVIDE JB WITH 120V-24V LV TRANSFORMER FOR VAV POWER SUPPLIES. MOUNT AT ACCESSIBLE LOCATION ABOVE CEILING. IDENTIFY VAV UNITS SERVED ON JB COVER. IDENTIFY LOCATION AND VAV UNITS SERVED ON AS-BUILTS. COORDINATE LOCATIONS WITH DIV23.

P19 APPROXIMATE ROUTING OF EMERGENCY/STAND-BY GENERATOR POWER AND CONTROL CONDUITS INTO PANEL GENDP WITHIN BUILDING'S TO ATS ROOM ON FIRST FLOOR. PROVIDE ALL REQUIRED PENETRATIONS, SLEEVES, CONDUIT HANGERS, AND ASSOCIATED COMPONENTS. ADHERE TO NEC AND NEC 700 INSTALLATION REQUIREMNETS. FIELD COORDINATE ROUTING CHARACTERISTICS IN FIELD WITH CAMPUS REPRESENTATIVE AND ALL TRADES PRIOR TO ROUGH-IN. SEE ONE-LINE DIAGRAM AND SPECIFICATIONS FOR INFORMATION. SEE ES-1 AND E-201 FOR CONTINUATION.

P20 REINSTALL SALVAGED AND RELOCATED EMERGENCY "BLUE-LIGHT" CALL STATION. MODIFY / EXTEND ASSOCIATED CIRCUITRY FOR RECONNECTION. TEST AND ADJUST FOR PROPER OPERATION.

P21 OPTIONAL DESIGN WWHP2DP POWER DISTRIBUTION PANEL BY DIV 26 CONTRACT. SEE DIV 23 CONTRACT DRAWINGS FOR INFORMATION.

P22 PROVIDE FOUR (4) 3-INCH THRU FLOOR SLEEVES FOR FUTURE TELECOMMUICATION CABLING DOWN INTO ELECTRIC ROOM 108. COORDINATE LOCATION WITH CAMPUS IT SERVICES REPRESENTATIVE.

P23 PROVIDE MASS NOTIFICATION SYSTEM HEADEND AND ZONE CONTROL MODULE FOR INTERCONNECTION TO FACP. MASS NOTIFICATION SYSTEM ALERTS TO BROADCAST VIA FA NOTIFICATION APPLIANCES. SEE SPECIFICATIONS FOR FURTHER INFORMATION.

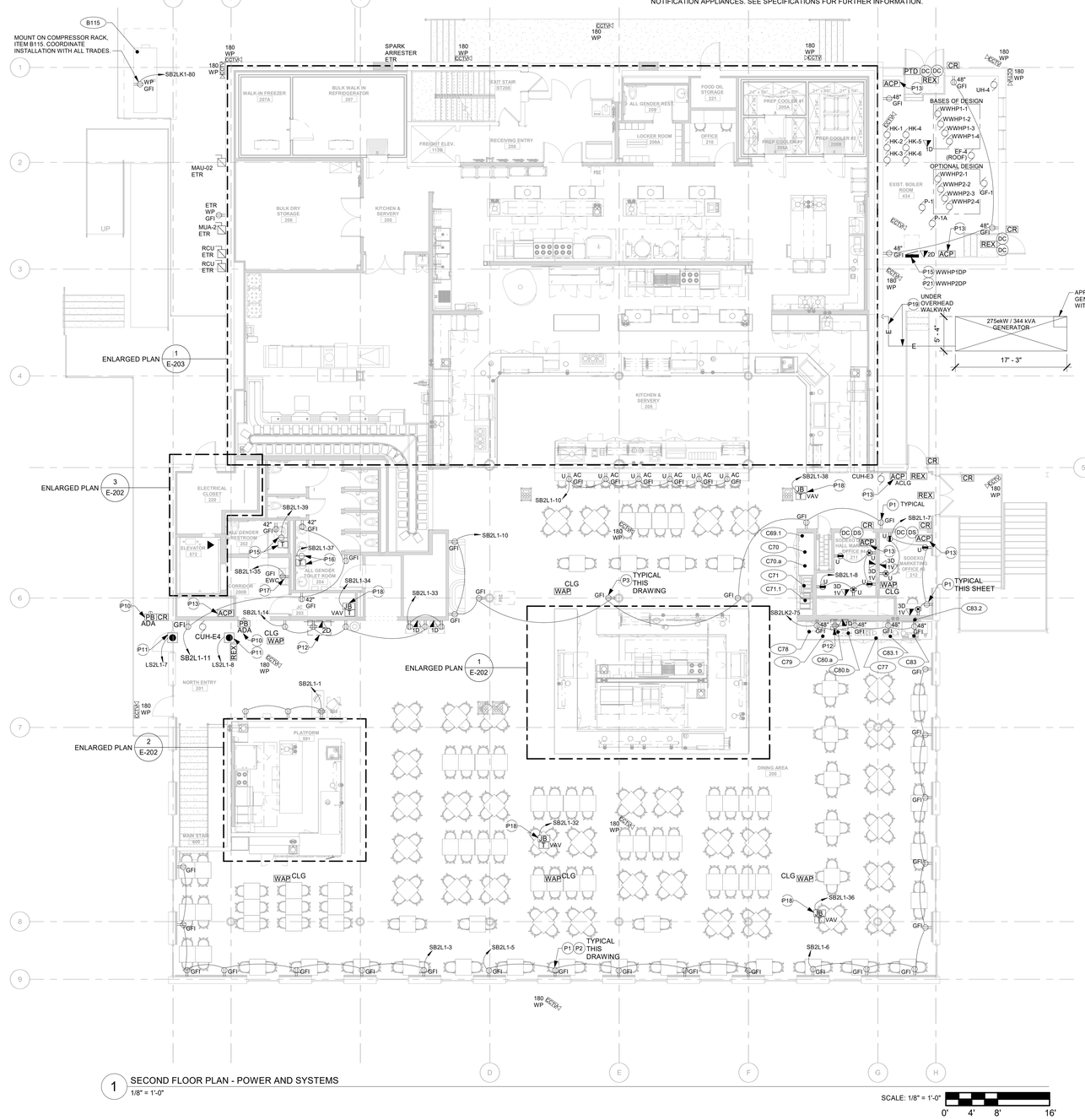
GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFERENCE KITCHEN EQUIPMENT CONNECTION SCHEDULES AND CORRELATE WITH FOOD SERVICE EQUIPMENT DRAWINGS. PROVIDE ALL REQUIRED CONNECTIONS, DEVICES AND CIRCUITRY ON SCHEDULES. ALL LOCATIONS SHOWN ARE DIAGRAMMATIC. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS. FIELD VERIFY ROUGH-IN AND DEVICES LOCATIONS WITH APPROVED FOOD SERVICE SUBMITTALS PRIOR TO INSTALLATION. COORDINATE INSTALLATIONS WITH FOOD SERVICE CONTRACTOR AND ALL TRADES. SEE QF-SERIES DRAWINGS FOR INFORMATION

C. ALL DISCONNECT SWITCHES WITHIN KITCHEN AND ANCILLARY SPACES ARE TO BE NEMA 4 - STAINLESS STEEL ENCLOSURES.

D. SEE WIRING DEVICE SPECIFICATIONS FOR DEVICE PLATE REQUIREMENTS.



1 SECOND FLOOR PLAN - POWER AND SYSTEMS
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0680 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE: As indicated
SHEET NAME:
SECOND FLOOR PLAN POWER AND SYSTEMS
SHEET NUMBER:
E-202

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

P8 KEYED POWER & SYSTEMS NOTES THIS PLAN:

P1 FAUCET CONTROLS TRANSFORMER POWER SUPPLY AND ASSOCIATED COMPONENTS BY DIVISION 23, DIVISION 26 TO PROVIDE NEMA 5-20R SIMPLEX RECEPTACLE AND 120, 20 AMP CIRCUITRY INDICATED. COORDINATE WORK ON SITE WITH ALL TRADES.

P2 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN CONSTRUCTION WITH DIV01 ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P3 COORDINATE THE INSTALLATION OF WIRING DEVICES AND CIRCUITRY IN COLUMN COVER WITH DIV01. ALL CIRCUITRY TO BE CONCEALED. ALL DEVICES TO BE FLUSH MOUNT TO SURFACE FINISHES.

P4 PROVIDE TELECOMMUNICATIONS BACKBOARD AT WALLS INDICATED. PROVIDE 3/4" THICK, PLYWOOD, PAINTED WITH TWO LAYERS OF GRAY FIRE RETARDANT PAINT. SEE SPECIFICATIONS FOR INFORMATION. ALL RECEPTACLES TO BE FLUSH MOUNT TO TELECOMMUNICATIONS BOARD SURFACE.

P5 NETWORK MOUNTING RACK AND NETWORK EQUIPMENT FURNISHED BY CAMPUS, INSTALLED AND CONNECTED BY CONTRACTOR. COORDINATE ON SITE WITH CAMPUS PROJECT MANAGER.

P6 PROVIDE 3" GRS FIRE RATED PASS-THROUGH SLEEVE TO MAINTAIN FIRE RATING OF PARTITION ASSEMBLY. SEE DRAWINGS G-101, G-102, AND SPECIFICATIONS SECTION 078413 FOR INFORMATION. FIELD COORDINATE LOCATIONS ON SITE WITH ALL TRADES.

P7 PROVIDE 16 INCH WIDE BASKET TYPE CABLE-TRAY PATHWAY SYSTEM, INCLUSIVE OF ALL COMPONENTS, MOUNTING BRACKETS AND HARDWARE. CONCEAL SYSTEM ABOVE LAY-IN CEILINGS, EXPOSED WHERE HARD CEILINGS. UTILIZE CABLE TRAY FOR ALL LOW VOLTAGE, DATA-TELECOMMUNICATIONS, CABLING, SECURITY SURVEILLANCE, AND DOOR ACCESS CABLING. COORDINATE ROUTING IN FIELD.

P8 PROVIDE LOCAL LENEL S2 LOCAL CONTROL JB AND POWER SUPPLY AT AN ACCESSIBLE, CONCEALED LOCATION. PROVIDE PLENUM RATED ACCESS CONTROL SYSTEM CABLING BACK TO ACCESS CONTROL HEAD END EQUIPMENT CABINET IN ELECTRIC ROOM 220. SEE ACCESS CONTROL DETAILS AND DIAGRAMS ON E501 AND SPECIFICATIONS FOR FUTURE INFORMATION.

P9 FLAT SCREEN DISPLAY LOCATION, PROVIDE FLUSH IN WALL MULTI-SERVICE BACKBOX WITH STORAGE CAPACITY EQUAL TO WIREMOLD #WMPAC5262FCW AT 68" INCHES TO THE CENTER. PROVIDE POWER CIRCUITRY INDICATED TO RECEPTACLES. PROVIDE TERMINATED CAT 6 DATA CABLES TO DATA COMPARTMENT FROM NEAREST NETWORK DATA RACK. ALL CIRCUITRY TO BE CONCEALED. MAINTAIN SEPARATION OF VOLTAGES. FLAT SCREEN DISPLAY AND DISPLAY MOUNTING HARDWARE, NIC. PROVIDE BLOCKING IN WALL. COORDINATE CHARACTERISTICS, WITH ALL TRADES AND ARCHITECT, IN FIELD PRIOR TO ROUGH-IN.

P10 RISE CONDUITS UP FROM BELOW IN UTILITY CHASE FURSHED WITH FOOD SERVICE EQUIPMENT. SEE QF-SERIES ROUGH-IN DRAWINGS.

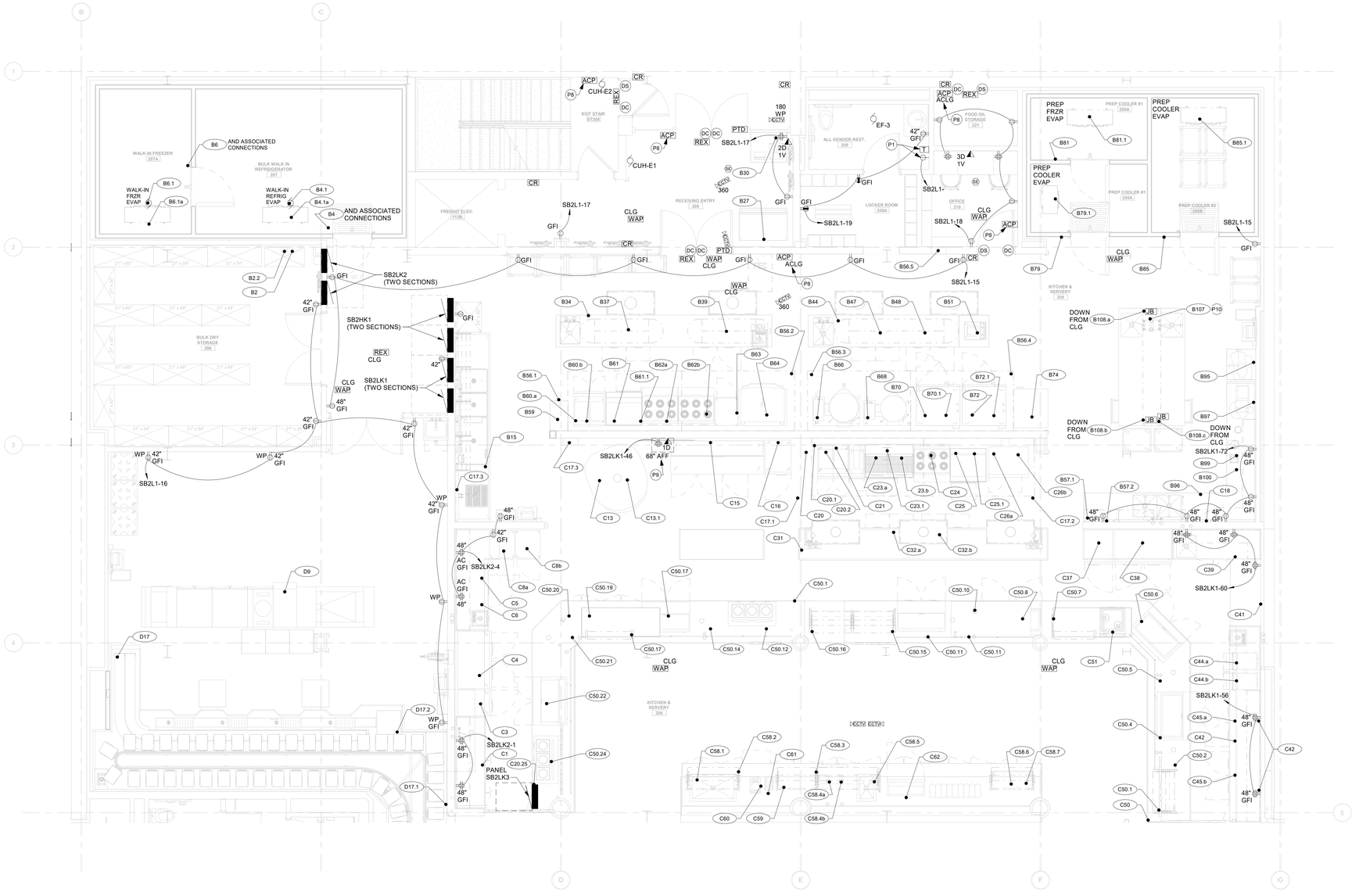
GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFERENCE KITCHEN EQUIPMENT CONNECTIONS SCHEDULES AND CORRELATE WITH FOOD SERVICE EQUIPMENT DRAWINGS. PROVIDE ALL REQUIRED CONNECTIONS, DEVICES AND CIRCUITRY ON SCHEDULES. ALL LOCATIONS SHOWN ARE DIAGRAMMATIC. VERIFY ELECTRIC ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS. FIELD VERIFY ROUGH-IN AND DEVICES LOCATIONS WITH APPROVED FOOD SERVICE SUBMITTALS PRIOR TO INSTALLATION. COORDINATE INSTALLATIONS WITH FOOD SERVICE CONTRACTOR AND ALL TRADES. SEE QF-SERIES DRAWINGS FOR INFORMATION

C. ALL DISCONNECT SWITCHES WITHIN KITCHEN AND ANCILLARY SPACES ARE TO BE NEMA 4 - STAINLESS STEEL ENCLOSURES.

D. SEE WIRING DEVICE SPECIFICATIONS FOR DEVICE PLATE REQUIREMENTS.



1 / E-203 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090775 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/4" = 1'-0"

SHEET NAME:
SECOND FLOOR PLAN ENLARGED

SHEET NUMBER:
E-203

BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

P8 KEYED POWER & SYSTEMS NOTES THIS PLAN:

P1 WWHP POWER DISTRIBUTION PANEL HP2DP FURNISHED BY DIV23, INSTALLED AND CONNECTED BY DIV26. SEE WWHP SPECIFICATIONS AND H-SERIES DRAWINGS FOR INFORMATION.

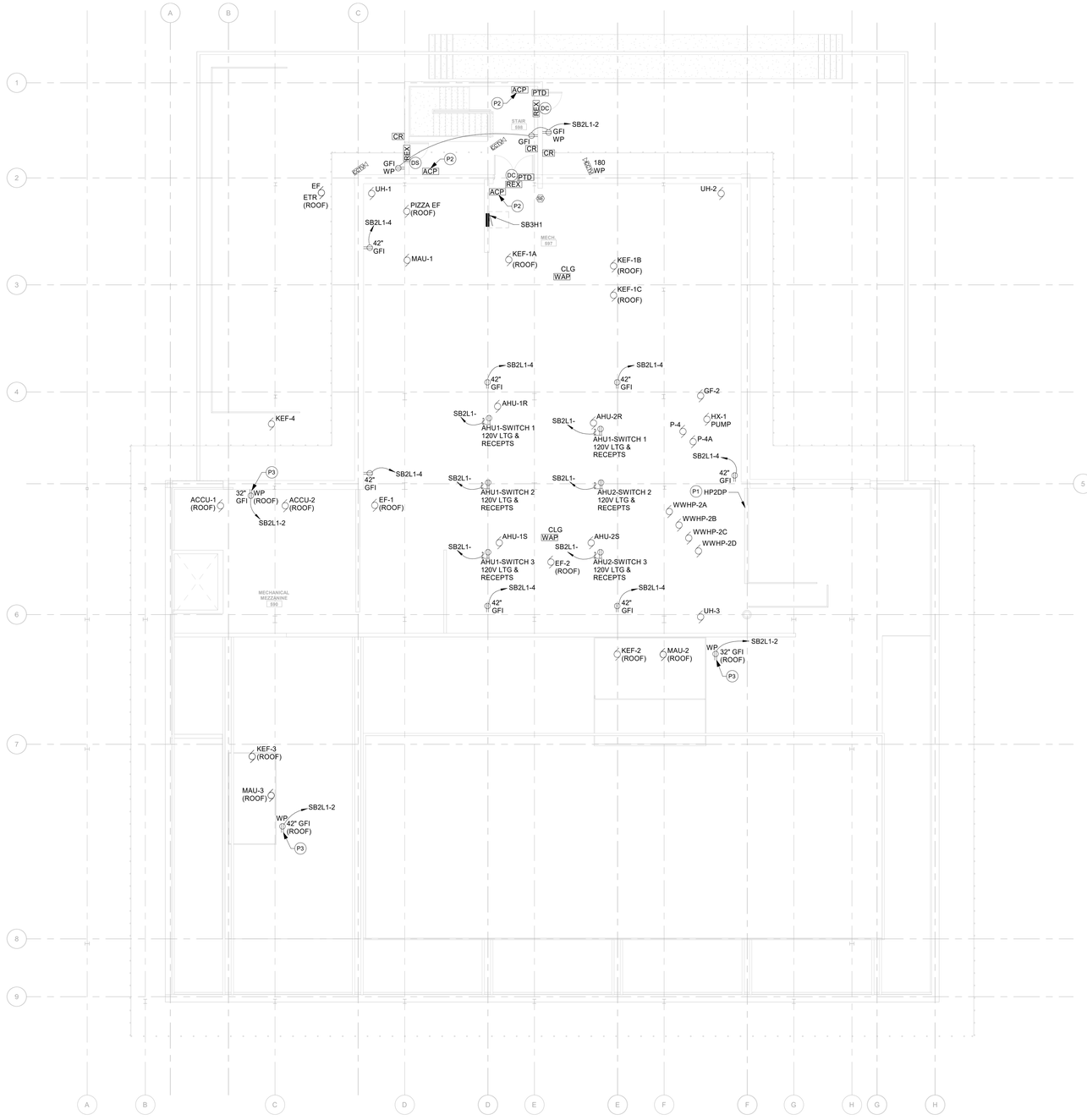
P2 PROVIDE S2 ACCESS CONTROL MODUEL JB / POWER A CONCEALED ACCESSIBLE LOCATION. PROVIDE PLENUM RATED ACCESS CONTROL CABLING BACK TO MAIN ACCESS CONTROL CABINET IN ELECTRIC ROOM 220. SEE ACCESS CONTROL DETAILS & DIAGRAMS ON DRAWING E-501 AND SPECIFICATIONS FOR FURTHER INFORMATION.

P3 PROVIDE PEDESTAL MOUNTING

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. SEE WIRING DEVICE SPECIFICATIONS FOR DEVICE PLATE REQUIREMENTS.



1 MEZZANINE LEVEL - POWER AND SYSTEMS
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. FASANO · 090376 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
MEZZANINE LEVEL
POWER AND SYSTEMS

SHEET NUMBER:
E-204

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFER TO LUMINAIRE SCHEDULE AND SPECIFICATIONS MANUAL FOR LIGHT FIXTURE REQUIREMENTS.

C. LIGHTING CONTROLS SHALL ADHERE TO THE 2025 NYS ENERGY CONSERVATION CODE UNDER ASHRAE REQUIREMENTS 90.1.

D. ALL LIGHTING FED FROM LIFE SAFETY DISTRIBUTION PANEL FED FROM NFPA LEVEL 1 POWER SOURCE.

E. ALL CIRCUITRY, EQUIPMENT, AND COMPONENTS NOT SHOWN THIS DRAWING FOR CLARITY. PROVIDE ALL SYSTEMS COMPONENTS, HARDWARE, CIRCUITRY AND COONECTIONS FOR COMPLETE AND PROPERLY OPERATING SYSTEMS.

(L#) KEYED LIGHINT NOTES, THIS SHEET:

(L1) CONNECT EXIT FIXTURES TO THE UNSWITCH HOT LEG OF LIGHTING HOME RUN CIRCUIT, CONNECTED TO LS PANEL, SERVING THIS SPACE AHEAD OF ALL CONTROLS.

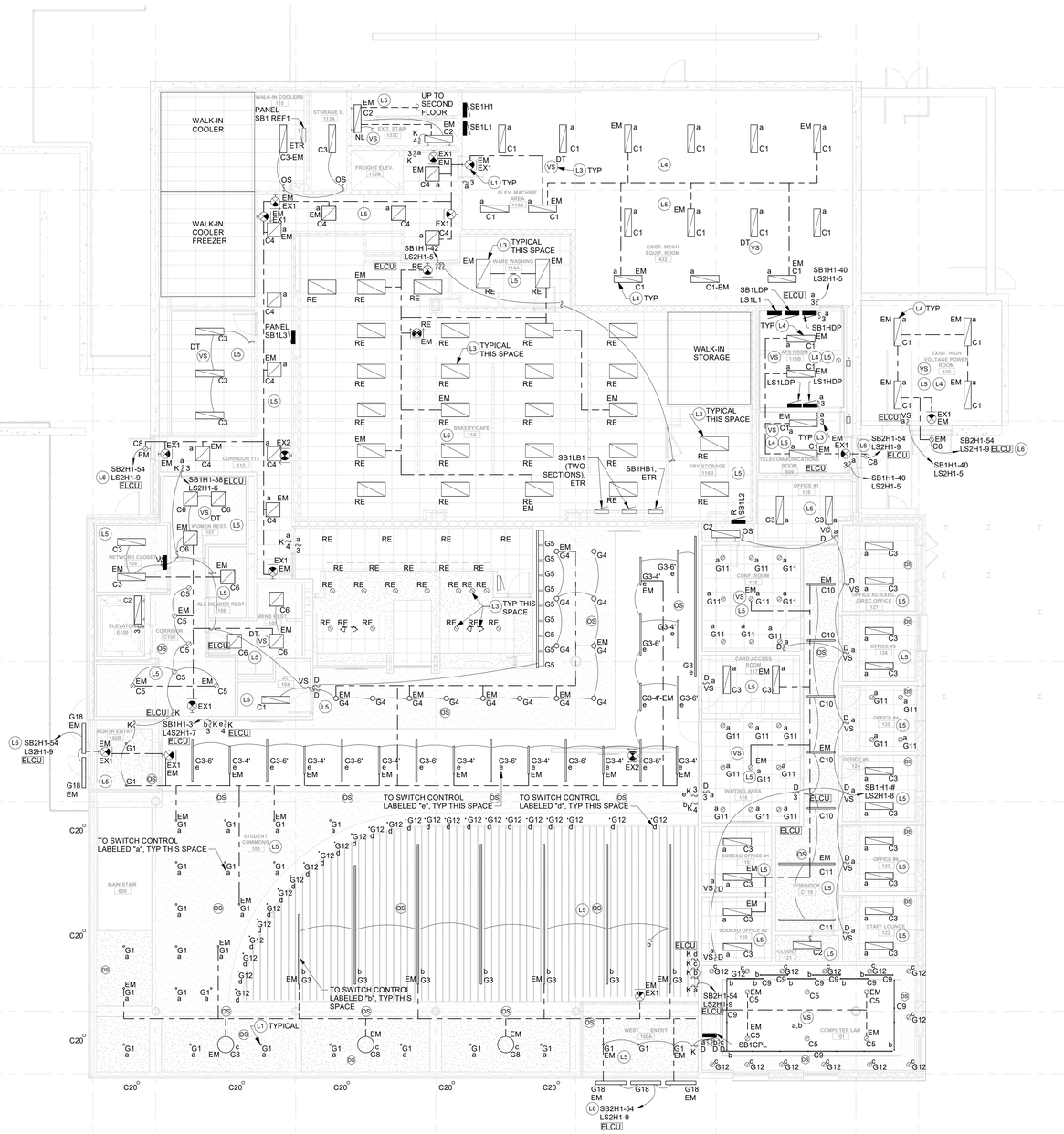
(L2) PROVIDE MANUAL-ON, AUTOMATIC-OFF VACANCY SENSOR LIGHTING CONTROL AND ALL ASSOCIATED COMPONENTS. TEST AND ADJUST TO OWNER'S SATISFACTION.

(L3) REINSTALL FIXTURE PREVIOUSLY REMOVED FROM THIS SPACE. MODIFY/EXTEND CIRCUITRY FOR RECONNECTION.

(L4) FIELD CONFIRM MOUNTING CHARACTERISTICS PRIOR TO ROUGH-IN TO SUIT AS-BUILT CONDITIONS AND ALL TRADES SCHEDULED WORK THIS SPACE.

(L5) PROVIDE LIGHTING CONTROL SYSTEM, CONTROL CIRCUITRY, CONTROL MODULES, POWER SUPPLIES, SENSORS, AND ALL ASSOCIATED COMPONENTS FOR AND COMPLETE AND FULLY OPERATIONAL SYSTEMS. PROGRAM, TEST, AND ADJUST TO CAMPUS' REPRESENTATIVES COMPLETE SATISFACTION. TYPICAL THIS SPACE. SEE SPECIFICATION AND DETAIL SHEET E-502 FOR ADDITIONAL INFORMATION.

(L6) EXTERIOR LIGHTING CIRCUITRY TO BE CONCEALED OUT OF SIGHT, WITHIN BUILDING. CIRCUIT TO CIRCUIT BREAKER INDICATED, ROUTE VIA EXTERIOR LING TIME CLOCK AND OVERIDE SWITCH LOCATED IN ELECTRIC ROOM 220. SEE DETAIL 11/E-502 FOR INFORMATION.


WALK-IN COOLER
WALK-IN COOLER FREEZER
PANEL SB1 REF1
PANEL SB1L3
UP TO SECOND FLOOR
SB1H1
SB1L1
WALK-IN STORAGE
TYPICAL THIS SPACE
TYP THIS SPACE
SB1LB1 (TWO SECTIONS), ETR
SB1HB1, ETR
SB1HDP
SB1LDP
SB1CPL
TO SWITCH CONTROL LABELED "a", TYP THIS SPACE
TO SWITCH CONTROL LABELED "e", TYP THIS SPACE
TO SWITCH CONTROL LABELED "d", TYP THIS SPACE
TO SWITCH CONTROL LABELED "b", TYP THIS SPACE
TYPICAL
ELCU
ELCUD
STORAGE E. 115A
FREIGHT ELEV. 113B
ELEV. MACHINE AREA 115A
MARE WASHING 114A
BAKERY/CAFE 114
CORRIDOR 113
DRY STORAGE 116B
EXIST. MECH EQUIP. ROOM 432
EXIST. HIGH VOLTAGE POWER ROOM 430
KITCHEN 116B
TELECOMMUNICATIONS ROOM 609
OFFICE #1 128
CONF. ROOM 118
CARD ACCESS ROOM 119
WAITING AREA 118
SODEXO OFFICE #1 121
SODEXO OFFICE #2 120
CLOSET 122
CORRIDOR C119
STAFF LOUNGE 123
OFFICE #2 124
OFFICE #3 125
OFFICE #4 126
DIRECT OFFICE 127
OFFICE #5 134
OFFICE #6 135
OFFICE #7 136
OFFICE #8 137
OFFICE #9 138
OFFICE #10 139
OFFICE #11 140
OFFICE #12 141
OFFICE #13 142
OFFICE #14 143
OFFICE #15 144
OFFICE #16 145
OFFICE #17 146
OFFICE

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFER TO LUMINAIRE SCHEDULE AND SPECIFICATIONS MANUAL FOR LIGHT FIXTURE REQUIREMENTS.

C. LIGHTING CONTROLS SHALL ADHERE TO THE 2025 NYS ENERGY CONSERVATION CODE UNDER ASHRAE REQUIREMENTS 90.1.

D. ALL LIGHTING FED FROM LIFE SAFETY DISTRIBUTION PANEL FED FROM NFPA LEVEL 1 POWER SOURCE.

E. ALL CIRCUITRY, EQUIPMENT, AND COMPONENTS NOT SHOWN THIS DRAWING FOR CLARITY. PROVIDE ALL SYSTEMS COMPONENTS, HARDWARE, CIRCUITRY AND COONECTIONS FOR COMPLETE AND PROPERLY OPERATING SYSTEMS.

L# KEYED LIGHTING NOTES THIS PLAN:

L1 CONNECT EXIT FIXTURES TO THE UNSWITCH HOT LEG OF LIGHTING HOME RUN CIRCUIT CONNECTED TO LS PANEL, SERVING THIS SPACE AHEAD OF ALL CONTROLS.

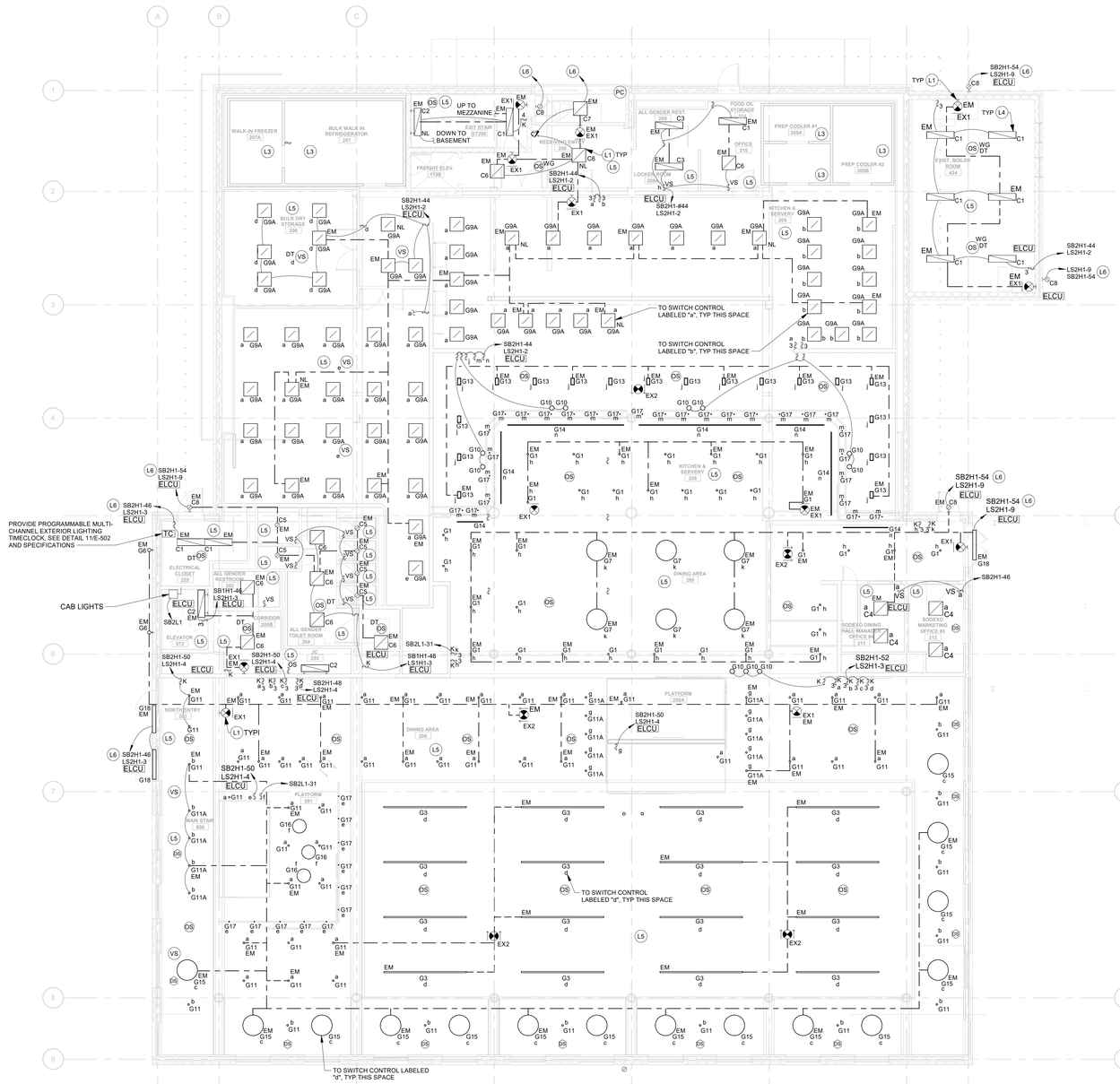
L2 PROVIDE MANUAL-ON, AUTOMATIC-OFF VACANCY SENSOR LIGHTING CONTROL AND ALL ASSOCIATED COMPONENTS. TEST AND ADJUST TO OWNER'S SATISFACTION.

L3 LIGHTING FIXTURES THIS SPACE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR. COORDINATE WORK IN FIELD.

L4 FIELD CONFIRM MOUNTING CHARACTERISTICS PRIOR TO ROUGH-IN TO SUIT AS-BUILT CONDITIONS AND ALL TRADES SCHEDULED WORK THIS SPACE.

L5 PROVIDE LIGHTING CONTROL SYSTEM, CONTROL CIRCUITRY, CONTROL MODULES, POWER SUPPLIES, SENSORS, AND ALL ASSOCIATED COMPONENTS FOR AND COMPLETE AND FULLY OPERATIONAL SYSTEMS. PROGRAM, TEST, AND ADJUST TO CAMPUS' REPRESENTATIVES COMPLETE SATISFACTION, TYPICAL THIS SPACE. SEE SPECIFICATION AND DETAIL SHEET E-502 FOR ADDITIONAL INFORMATION.

L6 EXTERIOR LIGHTING CIRCUITRY TO BE CONCEALED OUT OF SIGHT, WITHIN BUILING. CIRCUIT TO CIRCUIT BREAKER INDICATED, ROUTE VIA EXTERIOR LING TIME CLOCK AND OVERIDE SWITCH LOCATED IN ELECTRIC ROOM 220. SEE DETAIL 11/E-502 FOR INFORMATION.



1 SECOND FLOOR PLAN - LIGHTING
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

LIFE SAFETY UL LISTED TRANSITION RELAYS:

ELCU EMERGENCY LIGHTING CONTROL RELAY - REFER TO SHEET E-502 FOR DETAILS.

ELCUD EMERGENCY LIGHTING CONTROL RELAY FOR USE WITH DIMMABLE FIXTURES/SWITCHES - REFER TO SHEET E-502 FOR DETAILS.

LIFE SAFETY POWER CIRCUITRY

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090176 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

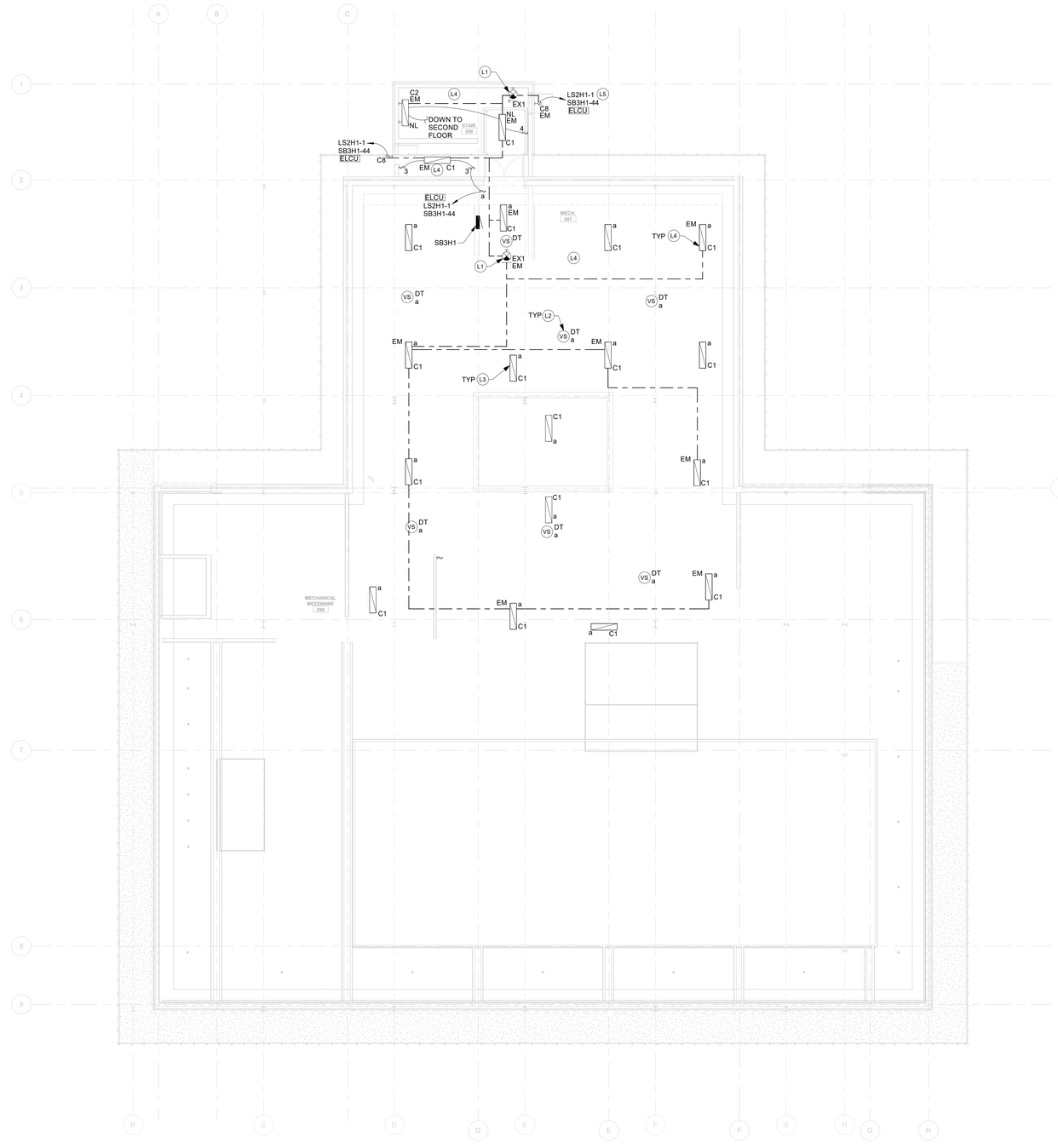
DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
SECOND FLOOR PLAN
PLAN - LIGHTING

SHEET NUMBER:
E-302

BID SET



1 MEZZANINE LEVEL - LIGHTING
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0' 4' 8' 16'

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. REFER TO LUMINAIRE SCHEDULE AND SPECIFICATIONS MANUAL FOR LIGHT FIXTURE REQUIREMENTS.

C. LIGHTING CONTROLS SHALL ADHERE TO THE 2025 NYS ENERGY CONSERVATION CODE UNDER ASHRAE REQUIREMENTS 90.1.

D. ALL LIGHTING FED FROM LIFE SAFETY DISTRIBUTION PANEL FED FROM NFPA LEVEL 1 POWER SOURCE.

E. ALL CIRCUITRY, EQUIPMENT, AND COMPONENTS NOT SHOWN THIS DRAWING FOR CLARITY. PROVIDE ALL SYSTEMS COMPONENTS, HARDWARE, CIRCUITRY AND COONECTIONS FOR COMPLETE AND PROPERLY OPERATING SYSTEMS.

KEYED LIGHTING NOTES THIS PLAN:

L1 CONNECT EXIT FIXTURES TO THE UNSWITCH HOT LEG OF LIGHTING HOME RUN CIRCUIT CONNECTED TO LS PANEL, SERVING THIS SPACE, AHEAD OF ALL CONTROLS.

L2 PROVIDE MANUAL-ON, AUTOMATIC-OFF VACANCY SENSOR LIGHTING CONTROL AND ALL ASSOCIATED COMPONENTS. TEST AND ADJUST TO OWNER'S SATISFACTION.

L3 FIELD CONFIRM MOUNTING CHARACTERISTICS PRIOR TO ROUGH-IN TO SUIT AS-BUILT CONDITIONS AND ALL TRADES SCHEDULED WORK THIS SPACE.

L4 PROVIDE LIGHTING CONTROL SYSTEM, CONTROL CIRCUITRY, CONTROL MODULES, POWER SUPPLIES, SENSORS, AND ALL ASSOCIATED COMPONENTS FOR AND COMPLETE AND FULLY OPERATIONAL SYSTEMS. PROGRAM, TEST, AND ADJUST TO CAMPUS' REPRESENTATIVES COMPLETE SATISFACTION, TYPICAL THIS SPACE. SEE SPECIFICATION AND DETAIL SHEET E-502 FOR ADDITIONAL INFORMATION.

L5 EXTEIOR LIGHTING CIRCUITRY TO BE CONCEALED OUT OF SIGHT, WITHIN BUILDING. CIRCUIT TO CIRCUIT BREAKER INDICATED, ROUTE VIA EXTERIOR LING TIME CLOCK AND OVERIDE SWITCH LOCATED IN ELCOMTRIC ROOM 220. SEE DETAIL 11/E-502 FOR INFORMATION.

LIFE SAFETY UL LISTED TRANSITION RELAYS:

ELCU EMERGENCY LIGHTING CONTROL RELAY - REFER TO SHEET E-502 FOR DETAILS.

ELCUD EMERGENCY LIGHTING CONTROL RELAY FOR USE WITH DIMMABLE FIXTURES/SWITCHES - REFER TO SHEET E-502 FOR DETAILS.

— — — LIFE SAFETY POWER CIRCUITRY

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

EDWARD J. CABEZAS — 090787 — LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
MEZZANINE LEVEL LIGHTING

SHEET NUMBER:
E-303

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

CE LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR. & CATALOG NO.	SIZE	LAMP	VOLTAGE	LUMENS	WATTS	MOUNTING	MOUNTING HEIGHT	FINISH	REMARKS	TYPE
C1	HIGH OUTPUT, SELECTABLE LED SURFACE WRAP WITH INTEGRAL MOTION SENSOR	METALUX #4AWS-L3C3-UNV-HO-3000KELVIN-WLS (OR EQUAL BY LITHONIA OR COLUMBIA)	48"L x 5.5"W x 2.25"D	LED	UNV	6,148	46.6	SURFACE	UNDERSIDE STRUCTURE	WHITE		C1
C2	WALL SURFACE MOUNT LED BRACKET SELECTABLE	METALUX #4BCLED-LD4-36SL-F-UNV-L830-CD-1 (OR EQUAL BY LITHONIA OR COLUMBIA)	48"L x 4.5"W x 4.75"D	LED	UNV	3,604	31.2	WALL SURFACE	96"	WHITE		C2
C3	EDGE LIT, LED RECESSED 1X4 PANEL IN GRID	METALUX #14FPSL1SCT3-UNV-3000KELVIN (OR EQUAL BY LITHONIA OR COLUMBIA)	47.75"L x 11.75"W x 2"D	LED	UNV	4,000	36.3	RECESSED GRID	MATCH CEILING GRID HEIGHT	WHITE		C3
C4	EDGE LIT, LED 2X2 RECESSED PANEL IN GRID	METALUX #22FP3830-C9-UNV-HO-3000KELVIN (OR EQUAL BY LITHONIA OR COLUMBIA)	47.75"L x 11.75"W x 2"D	LED	UNV	3,654	28.8	RECESSED GRID	MATCH CEILING GRID HEIGHT	WHITE		C4
C5	4.5" DIA RECESSED DOWNLIGHT, FOOD, WHITEREFLECTOR WITH WHITE FLANGE	METALUX #FLC3D-RO-SW-1300L-UNV-LD1-T-B1H-LC3-RO-SW-1300L-30K-DNT-FL2-WH-WP (OR EQUAL BY LITHONIA OR COLUMBIA)	4.5" DIA	LED	UNV	1,298	16	RECESSED	MATCH CEILING HEIGHT	WHITE		C5
C6	EDGE LIT, LED 2X2 RECESSED PANEL IN GYP	METALUX #22FP3830-C9-UNV-HO-3000KELVIN-DF-14-U (OR EQUAL BY LITHONIA OR COLUMBIA)	24"L x 24"W x 2"D	LED	UNV	3,654	39.1	RECESSED GYP	MATCH CEILING HEIGHT	WHITE		C6
C7	LOW PROFILE, SURFACE MOUNT, SYMETRIC LED UNDER CANOPY FIXTURE	CURRENT - EVOLVE SERIES #ECLP-01-0-7-30-D-1-SM-WHITE (OR EQUAL BY LUMENTRUSS OR LUMINI)	15"L x 15"W x 3.5"D	LED	UNV	3,600	29	SURFACE	MATCH CEILING HEIGHT	WHITE		C7
C8	4" DIA, LED, SURFACE MOUNT, CYLINDER	LUMENWERX - #AE4SEALCYL-D-_-ETR-8"-FTMBE-BVLG-FSPC-SW-80DEG-_-2ST?-90CRI-30K-FDL-UNV-20W-_-_-RD1+EB-1C-2C-FLS-FTMBE	4.125" DIA x 8"H	LED	UNV	1,449	20	SURFACE	96" TO BOTTOM	WHITE		C8
C9	DIMMABLE LED ACCENT COVER LIGHT	QTL (OR EQUAL BY LUMENTRUSS OR LUMINI) VV1DW-2.5HE-20/30-DRY-STD-CL-P1-BW-WD-CL2P-SST-ST-VIF-E (OR EQUAL BY LUMENTRUSS OR LUMINI	3000K 90 CRI	LED	UNV	221LM/FT	2.5W/FT	UNIVERSAL	AS DIRECTED BY ARCHITECT	SATIN	AMEND AS DIRECTED BY ARCHITECT	C9
C10	RECESSED 3" LED SLOT, EXTRUDED ALUMINUM	CORONET LED LSR3-4-30-HIGH-UNV-DB-W-F-FL-NA-NA (OR EQUAL BY LUMENWERX, QTL, OR KELVEX)	48"Lx3"W x3.5"D	LED	UNV	806LM/FT	7.5W/FT	RECESSED FLANGE	CEILING	WHITE		C10
C11	RECESSED 3" LED SLOT, EXTRUDED ALUMINUM	CORONET LED LSR3-8-30-HIGH-UNV-DB-W-F-FL-NA-NA (OR EQUAL BY LUMENWERX, QTL, OR KELVEX)	96"Lx3"W x3.5"D	LED	UNV	806LM/FT	7.5W/FT	RECESSED FLANGE	CEILING	WHITE		C11
EX1	SINGLE FACE LED EXIT, UL 924 LISTED	CHLORIDE: ER46L-1-W-R (OR EQUAL BY LITHONIA OR COLUMBIA)	8"x11" x7/8"	LED	UNV	5 LUX	2.5	UNIVERSAL	102" TO TOP	WHITE		EX1
EX2	DOUBLE FACE LED EXIT, UL 924 LISTED	CHLORIDE ER46L-2-W-R (OR EQUAL BY LITHONIA OR COLUMBIA)	8"x11" x7/8"	LED	UNV	5 LUX	2.5	UNIVERSAL	102" TO TOP	WHITE		EX2

STAND-ALONE LIGHTING CONTROL SYSTEM SCHEDULE

SYMBOL	DESCRIPTION	DEVICE COLOR	BASIS OF DESIGN FACEPLATE	VOLTAGE OUTPUT	BASIS OF DESIGN SWITCH	REMARKS
VS	VACANCY SENSOR DUAL TECH WALL SWITCH	GREY	STAINLESS STEEL	LOW VOLTAGE	WATTSTOPPER DSW-100	1 3 4
OS	OCCUPANCY SENSOR DUAL TECH WALL SWITCH	GREY	STAINLESS STEEL	LOW VOLTAGE	WATTSTOPPER DSW-100	1 2 3 4
	VACANCY SENSOR DUAL TECH DIMMING WALL SWITCH	GREY	STAINLESS STEEL	LOW VOLTAGE	WATTSTOPPER DSW-311	1 4
DT VS	DUAL TECHNOLOGY VACANCY SENSOR	WHITE	THERMOPLASTIC NYLON	LOW VOLTAGE	WATTSTOPPER DSW-300	3 4
OS	PASSIVE INFRARED OCCUPANCY SENSOR	WHITE	THERMOPLASTIC NYLON	LOW VOLTAGE		2 4
DT OS	DUAL TECHNOLOGY OCCUPANCY SENSOR	WHITE	THERMOPLASTIC NYLON	LOW VOLTAGE		
D	0-10V DIMMING OUTPUT	GREY	STAINLESS STEEL	LOW VOLTAGE		1 4
K	KEYED TOGGLE SWITCH	GREY	STAINLESS STEEL	120V, 277V	LEVITON KEYED SWITCH	4
	SINGLE POLE TOGGLE SWITCH	GREY	STAINLESS STEEL	120V, 277V	PASS & SEYMOUR PT20AC1	4

GENERAL SCHEDULE NOTES:

1. SEE WIRING DEVICES SPECIFICATIONS FOR COVERPLATE REQUIREMENTS. LABEL IN ACCORDANCE WITH IDENTIFICATION FOR ELECTRICAL SPECIFICATIONS.
2. ALL DEVICES SHALL BE PLUG TAIL TYPE (WITH SEPARABLE WIRING HARNESS) WHERE AVAILABLE BY MANUFACTURER.
3. "a, b, c..." LOWER CASE LETTERING IS USED TO INDICATE FIXTURE SWITCHING CONFIGURATION.

REMARKS:

1. PROVIDE DEVICE WITH AREA COVERAGE CAPICITY ADEQUATE FOR APPLICABLE SPACE TO BE COVERED.
2. PROGRAM TO AUTO "ON", AUTO "OFF"
3. PROGRAM FOR MANUAL "ON" & AUTO "OFF".
4. EQUIVALENT MANUFACTURER'S: LUTRON, ACUITY, HUBBELL, PASS & SEYMOUR

LOW VOLTAGE CONTROL SCHEDULE

SYMBOL	DESCRIPTION	DEVICE COLOR	BASIS OF DESIGN FACEPLATE	BASIS OF DESIGN SWITCH	REMARKS
APP a,b	ANALOG 20A RATED POWER PACK	-	-	GREENGATE SP20-RD4	3
LV	1-BUTTON MOMENTARY SWITCH	GREY	STAINLESS STEEL	WATTSTOPPER LVSW-101	3
LVD	2-BUTTON DIMMING WALL SWITCH	GREY	STAINLESS STEEL	WATTSTOPPER LMSW-100	4
LV a VS / LV a OS	VACANCY/OCCUPANCY SENSOR - DUAL TECHNOLOGY	WHITE	THERMOPLASTIC NYLON	GREENGATE OAC-DT-2000-R	1 2 4

GENERAL SCHEDULE NOTES:

1. SEE WIRING DEVICES SPECIFICATIONS FOR COVERPLATE REQUIREMENTS. LABEL IN ACCORDANCE WITH IDENTIFICATION FOR ELECTRICAL SPECIFICATIONS.
2. ALL DEVICES SHALL BE PLUG TAIL TYPE (WITH SEPARABLE WIRING HARNESS) WHERE AVAILABLE BY MANUFACTURER.
3. "a, b, c..." LOWER CASE LETTERING IS USED TO INDICATE FIXTURE SWITCHING CONFIGURATION.

REMARKS:

1. "VS" - PROGRAM FOR MANUAL "ON" & AUTO "OFF".
2. "OS" - PROGRAM TO AUTO "ON", AUTO "OFF"
3. EQUIVALENTT MANUFACTURER'S: LUTRON, ACUITY, HUBBELL, PASS & SEYMOUR
4. PROVIDE DEVICE WITH AREA COVERAGE CAPACITY ADEQUATE FOR APPLICABLE SPACE TO BE COVERED.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMP	WATTS	CONTROL TYPE	VOLTS	REMARKS	LOCATION
G1	3" ø RECESSED DOWNLIGHT, CLEAR MATTE REFLECTOR, 65° BEAM DISTRIBUTION, WHITE PAINTED FLANGE, AND INTEGRAL 0-10V 1% DIMMING DRIVER.	FOCAL POINT FLC3D-RO-SW-1100L-UNV-LZ1-IC-BH-LC3-RO-SW-1100L-930K-DSS-VWFL-CD-WP OR EQUAL BY LUMENWERX OR USAI	LED 3000K 1100 LM 90 CRI	12	0-10V	UNV		GENERAL
G2	NOT USED							
G3	PENDANT MOUNTED 2.5"W X 4"H LINEAR, BATWING LENS, BLACK CORD, BLACK EXTERIOR FINISH, ACRYLIC FROSTED LENS, AND INTEGRAL 0-10V 1% DIMMING DRIVER	FOCAL POINT FSM2LS-BW-500LF-930K-1C-UNV-L11-C48-BKCD-BK OR EQUAL BY AXISX OR FINELITE	LED 3000K 500LM/FT 90 CRI	19/FT	0-10V	UNV	BOTTOM OF FIXTURE TO BEE ALIGNED WITH HIGHEST POINT ALONG BOTTOM OF ACOUSTIC FIN. SEE LIGHTING DETAIL FOR INSTALLATION	1ST & 2ND FL
G4	SURFACE MOUNTED DOWNLIGHT, 8"ø X 6"H, MATTE BLACK FINE FINISH, PRISMATIQUE LENS, AND INTEGRAL 0-10V DIMMING DRIVER.	EUREKA TANGRAM 4580-LED LO-30-90-120V-DV-PRL-BLKE OR EQUAL BY BEGA 'B66057' OR DESIGNPLAN 'FOG 200'	LED 3000K 1857 LM 90 CRI	13.9	0-10V	120V		1ST FL DINNING
G5	RECESSED MUD-IN FLANGE CURVED PERIMETER SLOT LINEAR, 2"W X 4"H, WHITE POWDER COAT FINISH, AND INTEGRAL 0-10V 1% DIMMING DRIVER.	CORONET LALINA-WW-CRV-XX-30-MED-UNV-DB-W-NT-SD-NA-NA-NA OR EQUAL BY QTL 'ANYBEND' OR KELVIX 'FLOPTIX ASY'	LED 3000K 672 LM/FT 90 CRI	7/FT	0-10V	UNV	SEE LIGHTING DETAIL FOR INSTALLATION.	1ST FL DINNING
G6	SURFACE MOUNTED INDIRECT/DIRECT CYLINDER SCONCE, 3"ø X 14"H, 55° UPLIGHT & 55° DOWNLIGHT, TEXTURED BLACK FINISH, AND INTEGRAL 0-10V DIMMING DRIVER.	INSIGHT LIGHTING SSM-UD-LO-30K-55-30K-55-WM-120V-DIM-TBL OR EQUAL BY WAC OR LIGMAN	LED 3000K 1094 LM 90 CRI	10	0-10V	120V	MOUNTING HEIGHT 7'-0" ABOVE PAVERS.	EXTERIOR FACADE
G6A	NOT USED							
G7	SEMI-RECESSED ADJUSTABLE, 36"ø X 2" MIN - 4" MAX DROP FROM CEILING, WITH LOW PROFILE HOUSING, BLUE HOUSING FINISH AND ORANGE TRIM FINISH, FLAT WHITE ACRYLIC FROSTED DIFFUSER, AND INTEGRAL 0-10V DIMMING DRIVER.	PRUDENTIAL P4030-LED390-MO-FWA-YIB-YOR-D1-SC-UNV-SMR4-X3-DM01 OR EQUAL BY XAL 'VELA' OR FOCAL POINT 'SKY DOME EDGE'	LED 3000K 7400 LM 90 CRI	54	0-10V	120V		2ND FL CAFETERIA
G8	DECORATIVE ACOUSTIC PENDANT, 28"ø X 14"H, TBD EXTERIOR FINISH, TBD INTERIOR FINISH, CIRCULAR EDGE LIT PANEL, AND CANOPY CONCEILED 0-10V 1% DIMMING DRIVER.	LUXXBOX HEMI HI-M-TBD-30-UNV-CD OR EQUAL BY BARBICAN 'HAMLIN UNO' OR GLIGHTING 'DEMI'	LED 3000K 3476 LM 90 CRI	41	0-10V	UNV		1ST FL & 2ND FL
G9A	RECESSED 2X2 FLAT PANEL, WHITE FROSTED LENS, AND INTEGRAL 0-10V DIMMING DRIVER.	METALUX FLAT PANEL 2X2 22FP3830C9 OR EQUAL BY ALCON OR LITHONIA	LED 3000K 3654 LM 90 CRI	39	0-10V	UNV		1ST FL & 2ND FL KITCHEN
G10	DECORATIVE ROUND FROSTED GLOBE PENDANT 9"ø X 6"H, WHITE FROSTED DIFFUSER, AND INTEGRAL 0-10V DIMMING DRIVER.	EUREKA MIKA 4230 4230-8-LED-30-80-UNV-DV-C-60-RC2-WHE-3983 OR EQUAL BY ALCON OR VISA	LED 3000K 1062 LM 80 CRI	9.8	0-10V	UNV		2ND FL FOOD SERVICE
G11	3"ø RECESSED DOWNLIGHT CLEAR MATTE REFLECTOR, 37° BEAM, WHITE PAINTED FLANGE, AND INTEGRAL 0-10V DIMMING DRIVER.	FOCAL POINT FLC3D-R0-SW-1700L-UNV-LD1-T-BH-LC3-RO-SW-1700L-930K-DNT-FL1-CD-WP OR EQUAL BY LUMENWERX OR USAI	LED 3000K 1700 LM 90 CRI	19	0-10V	UNV		2ND FL
G11A	3"ø RECESSED LENSED WALLWASHER, CLEAR MATTE REFLECTOR, WHITE PAINTED FLANGE, AND INTEGRAL 0-10V 1% DIMMING DRIVER.	FOCAL POINT FLC3W-R0-SW-1500L-UNV-LD1-T-BH-LC3-RO-SW-1500L-930K-WWT-CD-WP OR EQUAL BY LUMENWERX OR USAI	LED 3000K 1100 LM 90 CRI	12	0-10V	UNV		2ND FL GENERAL 2ND FL KITCHEN
G12	TRIMLESS RECESSED 1.5"ø DOWNLIGHT, WHITE MATTE BEVEL FINISH, 50° BEAM DISTRIBUTION, MICRODIFFUSION STANDARD LENS, AND REMOTE 0-10V DIMMING DRIVER.	USAI THE LITTLE ONES MICRO M1RD-09X1M-30KH-50-M0-WH-NC-RM OR EQUAL BY LUCIFER OR WAC	LED 3000K 700 LM 90 CRI	9	0-10V	UNV		1ST FL
G13	RECESSED COMBO LIGHT WITH 2 HEADS, 6"X12", WITH 60° BEAM, HIGH OUTPUT, WHITE FINISH, WHITE FLANGE, AND INTEGRAL DIMMING DRIVER.	ELEMENT MULTIPLES EMOH-12-F-LH-N-277-00-WEMO-8-30-A60-W OR EQUAL BY 3G OR JESCO	LED 3000K 1346 LM/ HEAD 80 CRI	40	UNV	0-10V		2ND FL FOOD PREP
G14	RECESSED LINEAR WALLWASH,0.41" H X 0.71" W X LENGTHS PER DRAWING, WITH FROSTED ACRYLIC DIFFUSER, CLEAR SATIN HOUSING AND FLANGE, AND REMOTE 0-10V DIMMING DRIVER.	Q-TRAN KICKER FLAT KCKR-01-SW-4.0-30-DRY-DF-S2A-BW-CLS-WH-CLD-832-ST-XX"-0 DRIVER QZ-XXW--UNV-24V-PH/010-WH OR EQUAL BY LUMENTRUSS OR LUMINII	LED 3000K 225 LM/FT 90 CRI	3/FT	UNV/24V	0-10V		2ND FL SERVERY SIGNAGE
G15	CABLE MOUNTED DECORATIVE PENDANT, 36" DIA X 10"H, WITH WHITE ACRYLIC DIFFUSER, BLACK FINISH, AND INTEGRAL DIMMING DRIVER	EUREKA BILLIE 4249-36-LED-30-90-277V-DV-AC-120-RC1-WHE-WH-WHE OR EQUAL BY OCL 'GLOWING' OR G-LIGHTING 'SELENE'	LED 3000K 3222 LM 90 CRI	48	277	0-10V	BOTTOM OF FIXTURE 9'-3" AFF TO BE CONFIRMED IN FIELD.	2ND FL
G16	CABLE MOUNTED DECORATIVE PENDANT, 24" DIA X 24"H, FOR INTEGRAL LED AND (1) LED RETROFIT LAMP, WITH WHITE ACRYLIC DIFFUSER, BLACK FINISH, AND INTEGRAL DIMMING DRIVER.	JUSTICE DESIGN LIV 24" LED 5-LIGHT CHANDELIER NSH-4302 MBLK OR EQUAL BY MODETN FORMS 'KINETIC' OR ET2 'CONCENTRIC'	LED 3000K 5000 INITIAL LM 90 CRI LED GU 10 MR 16 500 LM 90CRI	57	120	ELV	PROVIDE COMPATIBLE GU10 MR16 7W 3000K 90 CRI LED RETROFIT LAMP MOUNTING HEIGHTS VARY. BOTTOM OF FIXTURES 9'-0", 9'-6", AND 10'-0" TO BE CONFIRMED BY ARCHITECT IN FIELD.	2ND FL SERVERY PLATFORM
G17	SEMI-RECESSED MILLWORK DOWNLIGHT, 2"ø X 1' H, WITH 30° BEAM, MATTE ALUMINUM FINISH, AND REMOTE DRIVER.	MP L508-2-W22S-N-MA LED18W350Z-01-B OR EQUAL BY WAC 'HR90' OR DESIGNPLAN 'EYE'	LED 3000K 152 LM	2	NON-DIM	UNV	MOUNTING TO BE COORDINATED WITHIN SIGNAGE STRUCTURE. REMOTE DRIVER LOCATED IN ACCESSIBLE LOCATION OUT OF DIRECT VIEW.	2ND FL SERVERY SIGNAGE
G18	MULLION MOUNT LINEAR, 2.4"H x 52.4" W x 5.6"D, DIRECT DISTRIBUTION, BLACK FINISH, INTERGAL DRIVER.	LUMINAIRE LED BLADE BLD-48IN-NODMIN-20W-30K-MV-OLT-DF-BLK OR EQUAL BY STARFIRE OR LUX ILLUMINAIRE	LED 3000K 1948 LM	2	NON-DIM	UNV	MOUNTS TO MULLION HORIZONTALLY ABOVE DOOR	2ND FLR EGRESS DOORS
G19	NOT USED							
G20	MULLION MOUNT CYLINDER, 11"H x 4.75"W x 4.75"D, 2-7/8" BACKPLATE, DIRECT DISTRIBUTION, MEDIUM BEAM, BLACK FINISH, REMOTE DRIVER	VISA, PLURAL, OW2450-L30K-MVOLT-MED-BK-RMD OR APPROVED EQUAL	LED 3000K 1200 LM	15	NON-DIM	UNV	MOUNTS TO MULLION VERTICALLY, REMOTE DRIVER LOCATED AT INTERIOR DECK IN ACCESSIBLE LOCATION WITH AIRFLOW OUT OF DIRECT VIEW.	1ST FLR STORE FRONTS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090107 · LICENSED PROFESSIONAL ENGINEER

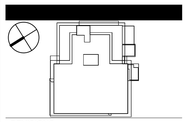
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
LUMINAIRE AND LIGHTING CONTROL SCHEDULES

SHEET NUMBER:
E-400

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. COORDINATE ALL INSTALLATION CHARACTERISTICS FOR ALL EQUIPMENT INDICATED THIS SHEET WITH ALL CONTRACTS AND DIRECTOR'S REPRESENTATIVE PRIOR TO ROUGH-IN

C. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS.

INDICATED BY ◯ ON PLAN SHEETS

EQUIPMENT CONNECTION SCHEDULE

DISCONNECT TYPES
A - MANUAL DISCONNECT, (NONFUSED)
B - FUSED DISCONNECT SWITCH
C - SNAP SWITCH WITH OVERLOADS
D - CORD & PLUG
E - ENCLOSED CIRCUIT BREAKER
F- INTEGRAL TO VFD

MOTOR STARTER TYPES
1 - MAGNETIC X-LINE
2 - COMBINATION STARTER/DISC.
3 - MANUAL MOTOR STARTER
4 - VFD FURNISH BY HC, INSTALLED & CONNECTED BY EC.
5 - PACKAGE UNIT BY MANUFACTURER

MOTOR STARTER NOTES
S1 - START/STOP PB W/ PILOT LIGHT IN COVER
S2 - H-O-A SWITCH W/ PILOT LIGHT IN COVER
S3 - AUX. CONTACTS
S4 - SNAP SWITCH
S5 - CONTROL TRANSFORMER
S6 - SEE HVAC CONTRACT DRAWINGS FOR CONTROLS
S7 - SEE PLBG DRAWINGS FOR CONTROLS

ELEC EQUIP TAG	EQUIPMENT DESCRIPTION	LOCATION	HP MCA WK	VOLTS	PHASE	POWER SOURCE PANEL/ CIRCUIT #	POWER SOURCE MOP (A)	WIRE & CONDUIT	DISCONNECT TYPE	DISCONNECT NEMA ENCL.	DISCONNECT LOCATION	MOTOR STARTER TYPE	MOTOR STARTER NEMA ENCL.	MOTOR STARTER LOCATION	STARTER NOTES	FIRE ALARM FAN SHUT-DOWN	DUCT MOUNTED SMOKE DETECTOR(S)	SCHEDULE NOTES	ELEC EQUIP TAG
EF-1	EXHAUST FAN 1	MECHANICAL MEZZANINE	.25 HP	120	1	SB2L1-42	15A,1P	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	5	3R	AT UNIT	S6	Y	--	1, 3, 5, 8	EF-1
EF-2	EXHAUST FAN 2	MECHANICAL MEZZANINE	2 HP	480	3	SB3H1-43, 45, 47	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 8	EF-2
EF-3	EXHAUST FAN 3	KITCHEN TOILER 209	1/6 HP	120	1	SB2LK1-85	15A,1P	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	5	3R	AT UNIT	S6	Y	--	1, 3, 5, 8	EF-3
EF-4	EXHAUST FAN 4	2ND FLR - BOILER ROOM ROOF	0.25 HP	120	1	SB2L1-42	--	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	5	3R	AT UNIT	S6	--	--	1, 3, 5	EF-4
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KEF-1A	KITCHEN EXHAUST FAN - 1 A	ROOF	5 HP	480	3	SB3H1-25, 27, 29	30A,3P	(3)#10, (1)#10N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 6, 8	KEF-1
KEF-1B	KITCHEN EXHAUST FAN - 1 B	ROOF	3 HP	480	3	SB3H1-26, 28, 30	20A,3P	(3)#12, (1)#12N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 6, 8	KEF-1B
KEF-1C	KITCHEN EXHAUST FAN - 1 C	ROOF	5 HP	480	3	SB3H1-31, 33, 35	30A,3P	(3)#10, (1)#10N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 6, 8	KEF-1C
KEF-2	KITCHEN EXHAUST FAN - 2	ROOF	2 HP	480	3	SB3H1-32, 34, 36	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 6, 8	KEF-2
KEF-3	KITCHEN EXHAUST FAN - 3	ROOF	1.5 HP	480	3	SB3H1-37, 39, 40	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4C	A	3R	AT UNIT	1	3R	AT UNIT	S6	Y	--	1, 3, 5, 6, 8	KEF-3
KEF-4	DISH ROOM EXHAUST FAN -4	ROOF	2.7 MCA	120	1	SB2H1-40	15A,1P	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	4	3R	AT UNIT	S6	Y	--	3, 5	KEF-4
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAU-1	MAKE-UP AIR UNIT - 1	MECHANICAL MEZZANINE	8.7 MCA	480	3	SB3H1-13, 15, 17	15A,3P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	MAU-1
MAU-2	MAKE-UP AIR UNIT - 2	ROOF	8.5 MCA	480	3	SB3H1-14, 16, 18	15A,3P	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	5	3R	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	MAU-2
MAU-3	MAKE-UP AIR UNIT - 3	ROOF	3.4 MCA	480	3	SB3H1-19, 21, 23	15A,3P	(2)#12, (1)#12G, 3/4C	A	3R	AT UNIT	5	3R	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	MAU-3
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AHU-1S	AIR HANDLER UNIT - 1 SUPPLY	MECHANICAL MEZZANINE	31 MCA	480	3	SB3H1-1, 3, 5	40A,3P	(3)#8, (1)#8N, (1)#10G, 1-1/4 C	B	1	AT UNIT	4	1	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	AHU-1S
AHU-1R	AIR HANDLER UNIT - 1 RETURN (EXHAUST)	MECHANICAL MEZZANINE	31 MCA	480	3	SB3H1-2, 4, 6	40A,3P	(3)#8, (1)#8N, (1)#10G, 1-1/4 C	B	1	AT UNIT	4	1	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	AHU-1S
AHU-2S	AIR HANDLER UNIT - 2 SUPPLY	MECHANICAL MEZZANINE	36 MCA	480	3	SB3H1-7, 9, 11	45A,3P	(3)#6, (1)#6N, (1)#8G, 1-1/4 C	B	1	AT UNIT	4	1	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	AHU-2R
AHU-2R	AIR HANDLER UNIT - 2 RETURN (EXHAUST)	MECHANICAL MEZZANINE	31 MCA	480	3	SB3H1-8, 10, 12	40A,3P	(3)#8, (1)#8N, (1)#10G, 1-1/4 C	B	1	AT UNIT	4	1	AT UNIT	S6	Y	Y	3, 4, 5, 7, 8	AHU-2R
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AC-1	SPLIT-SYSTEM INDOOR UNIT 1	IT CLOSET 138	.25 MCA	208	1	SB1REF1-23, 25	15A,2P	(2)#12, (1)#12G, 3/4C	C	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5, 6, 7	AC-1
ACCU-1	SPLIT-SYSTEM INDOOR UNIT 1	ROOF	8.75 MCA	208	1	SB1REF1-23, 25	--	(2)#12, (1)#12G, 3/4C	B	3R	AT UNIT	5	3R	AT UNIT	S6	--	--	1, 3, 5, 6, 7	ACCU-1
AC-2	SPLIT-SYSTEM OUTDOOR UNIT 2	ELECTRIC CLOSET 220	.46 MCA	208	1	SB1REF1-28, 30	20A,2P	(2)#12, (1)#12G, 3/4C	C	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5, 6, 7	AC-2
ACCU-2	SPLIT-SYSTEM OUTDOOR UNIT 2	ROOF	11.75 MCA	208	1	SB1REF1-28, 30	--	(2)#12, (1)#12G, 3/4C	B	3R	AT UNIT	5	3R	AT UNIT	S6	--	--	1, 3, 5, 6, 7	ACCU-2
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELEV-1	EXG FRIEGHT ELEVATOR #1	FIRST FLR MECH EQUIP RM	EXG.	480	3	UT1HMDP-1, 3, 5	50A,3P	(3)#6, (1)#6N, (1)#6G,1-1/2"C	B	1	MACH RM	EXG	1	AT UNIT	1	--	--	--	ELEV-1
ELEV-2	ELEVATOR #2	ELEV-2, TOP OF SHAFT	10HP	480	3	UT1HMDP-13,15,17	60A,3P	(3)#4, (1)#4N, (1)#8G,1-1/2"C	B	1	TOP OF SHAFT AT UNIT	5	1	AT UNIT	S6	--	--	3, 4, 5, 7, 9	ELEV-2
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UH-1	UNIT HEATER 1	MECHANICAL MEZZANINE	1/12 HP	120	1	SB2L1-26	20A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	UH-1
UH-2	UNIT HEATER 2	MECHANICAL MEZZANINE	1/12 HP	120	1	SB2L1-26	20A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	UH-2
UH-3	UNIT HEATER 3	MECHANICAL MEZZANINE	1/12 HP	120	1	SB2L1-26	20A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	UH-3
UH-4	UNIT HEATER 4	2ND FLR - BOILER ROOM	1/20 HP	120	1	SB2L1-21	15A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	UH-4
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CUH-E1	UNIT HEATER TYPE CUH-1	RECIEVING 208	1/10 HP	120	1	SB2L1-41	20A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E1
CUH-E2	UNIT HEATER TYPE CUH-2	STAIR ST208	1/15 HP	120	1	SB2L1-41	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E2
CUH-E3	UNIT HEATER TYPE CUH-2	SOUTH ENTRY 201C	1/10 HP	120	1	SB2L1-41	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E3
CUH-E4	UNIT HEATER TYPE CUH-2	NORTH ENTRY 100B	1/10 HP	120	1	SB1L3-29	15A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E4
CUH-E5	UNIT HEATER TYPE CUH-2	CORRIDOR 113	1/10 HP	120	1	SB1L3-29	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E5
CUH-E6	UNIT HEATER TYPE CUH-2	NORTH ENTRY 100B	1/10 HP	120	1	SB1L3-29	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E6
CUH-E7	UNIT HEATER TYPE CUH-3	FIRST FLR DRY STORAGE	1/10 HP	120	1	SB1L3-29	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E7
CUH-E8	UNIT HEATER TYPE CUH-4	BAKERY/CAFE 114	1/10 HP	120	1	SB1L3-27	20A,1P	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E8
CUH-E9	UNIT HEATER TYPE CUH-4	BAKERY/CAFE 114	1/10 HP	120	1	SB1L3-27	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E9
CUH-E10	UNIT HEATER TYPE CUH-1	WEST ENTRY 100A	1/10 HP	120	1	SB1L3-27	--	(2)#12, (1)#12G, 3/4C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	1, 3, 5	CUH-E10
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WWHP1DP	WATER TO WATER HP 1 CHILLER BANK DISTRIBUTION PANEL	2ND FLR - BOILER ROOM	275 MCA	480	3	SBHDP1	300A, 3P	SEE ONE-LINE DIAGRAM	--	--	--	--	--	--	--	--	--	10	WWHP1DP
WWHP1-1	WWHP1 MODULE 1	2ND FLR - BOILER ROOM	73 MCA	480	3	WWHP1DP-1, 3, 5	110A, 3P	(3)#1/0, (1)#1/0N, (1)#6G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP1-1
WWHP1-2	WWHP1 MODULE 2	2ND FLR - BOILER ROOM	73 MCA	480	3	WWHP1DP-2, 4, 6	110A, 3P	(3)#1/0, (1)#1/0N, (1)#6G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP1-2
WWHP1-3	WWHP1 MODULE 3	2ND FLR - BOILER ROOM	73 MCA	480	3	WWHP1DP-7, 9, 11	110A, 3P	(3)#1/0, (1)#1/0N, (1)#6G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP1-3
WWHP1-4	WWHP1 MODULE 4	2ND FLR - BOILER ROOM	73 MCA	480	3	WWHP1DP-8, 10, 12	110A, 3P	(3)#1/0, (1)#1/0N, (1)#6G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP1-1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WWHP2DP	WATER TO WATER HP 2 CHILLER BANK DISTRIBUTION PANEL	2ND FLR - BOILER ROOM	294 MCA	480	3	SB1HDP	400A, 3P	SEE ONE-LINE DIAGRAM	--	--	--	--	--	--	--	--	--	11	WWHP2DP
WWHP2-1	WWHP2 MODULE 1	2ND FLR - BOILER ROOM	121 MCA	480	3	WWHP2DP-1,3,5	175A,3P	(3)#2/0, (1)#2/0N, (1)#4G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP2-1
WWHP2-2	WWHP2 MODULE 2	2ND FLR - BOILER ROOM	121 MCA	480	3	WWHP2DP-2,4,6	175A,3P	(3)#2/0, (1)#2/0N, (1)#4G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP2-2
WWHP2-3	WWHP2 MODULE 3	2ND FLR - BOILER ROOM	121 MCA	480	3	WWHP2DP-7,9,11	175A,3P	(3)#2/0, (1)#2/0N, (1)#4G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP2-3
WWHP2-4	WWHP2 MODULE 4	2ND FLR - BOILER ROOM	121 MCA	480	3	WWHP2DP-8,10,12	175A,3P	(3)#2/0, (1)#2/0N, (1)#4G, 2"C	B	1	AT UNIT	5	--	AT UNIT	S6	--	--	1, 3, 5	WWHP2-4
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-1	LEAD/LAG WWHP PUMP	2ND FLR - BOILER ROOM	30 HP EA	480	3	SB1H1-13, 15, 17	80A,3P	(3)#2, (1)#2N, (1)#8G,1-1/2"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-1
P-1A	LEAD/LAG WWHP PUMP	2ND FLR - BOILER ROOM	30 HP EA	480	3	SB1H1-13, 15, 17	80A,3P	(3)#2, (1)#2N, (1)#8G,1-1/2"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-1A
P-2	LEAD/LAG HW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	7.5 HP EA	480	3	SB1H1-2, 4, 6	20A,3P	(3)#10, (1)#10N, (1)#10G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-2
P-2A	LEAD/LAG HW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	7.5 HP EA	480	3	SB1H1-2, 4, 6	20A,3P	(3)#10, (1)#10N, (1)#10G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-2A
P-3	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-7, 9, 11	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-3
P-3A	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-7, 9, 11	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-3A
P-4	LEAD/LAG CHW SYSTEM PUMP	MECHANICAL MEZZANINE	5 HP EA	480	3	SB1H1-8, 10, 12	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-4
P-4A	LEAD/LAG CHW SYSTEM PUMP	MECHANICAL MEZZANINE	5 HP EA	480	3	SB1H1-8, 10, 12	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-4A
P-5	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-14, 16, 18	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-5
P-5A	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-14, 16, 18	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-5A
P-6	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-20, 22, 24	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-6
P-6A	LEAD/LAG CHW SYSTEM PUMP	FIRST FLR MECH EQUIP RM	5 HP EA	480	3	SB1H1-20, 22, 24	15A,3P	(3)#12, (1)#12N, (1)#12G, 3/4"C	B	1	AT UNIT	4	1	AT UNIT	S6	--	--	1, 3, 5	P-6A
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GF-1	GLYCOL FEED SYSTEM/PUMP - 1	2ND FLR - BOILER ROOM	1/3 HP	120	1	SB2L1-8	15A,1P	(2)#12, (1)#12G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	5	GF-1
GF-2	GLYCOL FEED SYSTEM/PUMP - 2	MECHANICAL MEZZANINE	1/3 HP	120	1	SB2L1-25	15A,1P	(2)#12, (1)#12G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S6	--	--	5	GF-2
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DP-1	DOMESTIC HW PUMP 1	FIRST FLR MECH EQUIP RM	1/3 HP	120	1	SB1L1-5	30A,1P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5	DP-1
DP-2	DOMESTIC HW PUMP 1	FIRST FLR MECH EQUIP RM	1/3 HP	120	1	SB1L1-6	30A,1P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5	DP-2
DP-3	DOMESTIC HW PUMP 1	FIRST FLR MECH EQUIP RM	1/20 HP	120	1	SB1L1-7	30A,1P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5	DP-3
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DWH-1	DOMESTIC WATER HEATER 1	FIRST FLR MECH EQUIP RM	270 kW	480	3	SB1H1-1, 3, 5	325A,3P	(3)#250, (1)#250N, (1)#2G, 2-1/2"C	B	1	AT UNIT	--	--	AT UNIT	S7	--	--	5, 6	DWH-1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HK-1	DOMESTIC WATER HEAT PUMP 1	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-9, 11	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-1
HK-2	DOMESTIC WATER HEAT PUMP 2	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-10, 12	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-2
HK-3	DOMESTIC WATER HEAT PUMP 3	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-13, 15	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-3
DHW-ACCU-1	DOMESTIC WATER CONDENSOR UNIT 1	PUMP ROOM	63.2 MCA	480	3	SB1H1-19, 21, 23	80A,3P	(3)#2, (1)#2N, (1)#8G, 1-1/2"C	B	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	DHW-ACCU1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HK-4	DOMESTIC WATER HEAT PUMP 4	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-14, 16	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-4
HK-5	DOMESTIC WATER HEAT PUMP 5	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-17, 19	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-5
HK-6	DOMESTIC WATER HEAT PUMP 6	FIRST FLR MECH EQUIP RM	26.2 kW	208	1	SB1L1-18, 20	30A,2P	(2)#10, (1)#10G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	HK-6
DHW-ACCU-2	DOMESTIC WATER CONDENSOR UNIT 1	2ND FLR - BOILER ROOM	63.2 MCA	480	3	SB1H1-25, 27, 29	80A,3P	(3)#2, (1)#2N, (1)#8G, 1-1/2"C	B	1	AT UNIT	5	1	AT UNIT	S7	--	--	1, 5, 6	DHW-ACCU2
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP-1	SUMP PUMP 1	ELEVATOR PIT E100	5.2 MCA	120	1	SB1L3-27	20A,1P	(2)#12, (1)#12G, 3/4"C	A	1	AT UNIT	5	1	AT UNIT	S7	--	--	5	SP-1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BASIS OF DESIGN

BASIS OF DESIGN

OPTIONAL DESIGN

BASIS OF DESIGN

BASIS OF DESIGN

BASIS OF DESIGN SKID PACKAGE EQUIPMENT #1

OPTIONAL DESIGN SKID PACKAGE EQUIPMENT #2

OPTIONAL DESIGN SKID PACKAGE EQUIPMENT #3

BASIS OF DESIGN

OPTIONAL DESIGN

BASIS OF DESIGN

BASIS OF DESIGN

BASIS OF DESIGN SKID PACKAGE EQUIPMENT #1

OPTIONAL DESIGN SKID PACKAGE EQUIPMENT #2

OPTIONAL DESIGN SKID PACKAGE EQUIPMENT #3

GENERAL EQUIPMENT CONNECTION SCHEDULE NOTES:
1. PROVIDE OVERLOAD HEATERS FOR ALL MOTOR STARTERS. SIZE OVERLOADS IN FIELD PER ACTUAL FURNISHED MOTOR NAMEPLATE DATA.
2. FOR BID PURPOSES; SIZE MOTOR STARTERS BASED ON HP/MCA/KW VALUES INDICATED. PROVIDE MOTOR STARTERS PROPERLY SIZED PER APPROVED SUBMITTALS AND COORDINATION DRAWINGS FURNISHED DURING CONSTRUCTION.
3. COORDINATE IN FIELD WITH INDIVIDUAL TRADES FOR EQUIPMENT SUBSTITUTIONS. WHERE SUBSTITUTIONS (FROM THE BASIS OF DESIGN) HAVE BEEN MADE, COORDINATE ANY AND ALL CHANGES OF VOLTAGE, MCA, AND HP WITH THE RELEVANT CONTRACTOR. THE EC IS RESPONSIBLE FOR ANY DESIGN WORK AND ALL RESIZING OF FEEDERS, BRANCH CIRCUITS, OVER-CURRENT PROTECTION, AND STARTER / DISCONNECT SIZING CHANGES THAT RESULT FROM SUCH EQUIPMENT SUBSTITUTIONS. ALL CONSTRUCTION COST CHANGES ASSOCIATED WITH EQUIPMENT SUBSTITUTIONS, AS MENTIONED HEREIN, ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR SUPPLYING THE SUBSTITUTED EQUIPMENT. ALL ASSOCIATED REDESIGN, REVISIONS, AND MODIFICATIONS ARE TO BE DONE AT NO ADDITIONAL COST TO THE DIRECTOR'S REPRESENTATIVE, ARCHITECT, OR ENGINEER.
4. ALL DUCT TYPE SMOKE DETECTORS TO BE FURNISHED, INSTALLED AND CONNECTED BY THE FP CONTRACTOR. COORDINATE THE INSTALLATION IN FIELD WITH THE DIV 23 CONTRACTOR.
5. PROVIDE ALL CIRCUIT BREAKERS INDICATED ON EQUIPMENT CONNECTION SCHEDULE FOR INSTALLATION IN PANELS ARE TO BE PROVIDED BY THE EC. NEW BREAKERS ARE TO BE UL LISTED FOR USE IN PANEL, MATCHING POWER CHARACTERISTICS, VIF.
6. PROVIDE 3/4" CONDUIT WITH PULL STRING FOR INTERLOCKING CONTROL WIRING.
7. INDOOR UNIT FED VIA OUTDOOR UNIT, PROVIDE INTER-CONNECTING 3/4" CONDUITS FOR POWER AND CONTROL WIRING. MAINTAIN SEPERATION OF POWER AND CONTROL CIRCUITS.
8. PROVIDE FAN SHUT-DOWN RELAY IN POWER HOME-RUN CIRCUIT, AHEAD OF DISCONNECT, WITHIN 36 INCHES OF DISCONNECT. IDENTIFY RELAY LOCATION ON AS-BUILT DRAWINGS.
9. PROVIDE FUSED DISCONNECT WITH AUXILLARY CONTACTS AND SHUT TRIP RELAY. COORDINATE WITH ELEVATOR INSTALLER.
10. WWHP1DP PROVIDED BY AND CONNECTED BY E-CONTRACT.
11. WWHP2DP PROVIDED AND CONNECTED BY E-CONTRACT

"--" INDICATES NOT REQUIRED OR NOT APPLICABLE
"Y" INDICATES YES, REQUIRED
"MFR" INDICATES SUPPLIED/INSTALLED BY MANUFACTURER

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260

KITCHEN EQUIPMENT CONNECTION SCHEDULE B

ITEM TAG	DESCRIPTION	LOAD HP	LOAD KW	LOAD AMPS	VOLTAGE	PHASE	PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE & CONDUIT	CONNECTION TYPE NEMA RECEPT	CONNECTION TYPE HARD WIRED	NEMA 4SS MANUAL DISC SWITCH RATING	NEMA 1 DISC. SWITCH SWITCH AMPS	NEMA 1 DISC. SWITCH FUSE SIZE	NEMA 3R DISC. SWITCH SWITCH AMPS	NEMA 3R DISC. SWITCH FUSE SIZE	NEMA 4SS DISC. SWITCH SWITCH AMPS	NEMA 4SS DISC. SWITCH FUSE SIZE	COMMUNICATIONS CONNECTIONS QNTY / PORT TYPE	REF. NOTES	ITEM TAG
B2	SODA SYSTEM POWER, RM 206	-	1.92	16	120	1	SB2LK1	1	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C		-	-								1, 5	B2
B2.2	SODA SYSTEM CONDUIT ASSEMBLY, RM 206	-	-	-	NA	NA	NA	NA	NA	COMPLETE 6" CONDUIT SYSTEM	-	-	-	-	-	-	-	-	-	-	10	B2.2
-	SPACE	-	-	-	-	-	-	-	-	-		-	-								-	-
B4	WALK-IN COOLER ASSEMBLY, UNIT B4	-	-	-	-	-	SB2LK1	-	-	-		X	-					30	20		2, 6, 9	B4
B4.a	WALK-IN COOLER - DOOR CONNECTIONS, UNIT B4	-	-	16	120	1	SB2LK1	1	20A, 1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B4.a
B4.b	WALK-IN COOLER - DOOR WINDOW, UNIT B4	-	-	-	120	1	SB2LK1	3	20A, 1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B4.b
B4.c	WALK-IN COOLER - TEMP MONITORING / ALARM PNL, UNIT B4	-	-	-	120	1	SB2LK1	5	20A, 1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B4.c
B4.d	WALK-IN COOLER - INTERIOR LIGHTS (ASSUME 4 EA), UNIT B4	-	.22	1	120	1	SB2LK1	1	20A, 1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 6, 9	B4.d
B4.1	WALK-IN COOLER - EVAPORATOR, UNIT B4	-	-	1.8	208	1	SB2LK1	8, 10	20A,2P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 6, 9	B4.1
B4.1a	WALK-IN COOLER - EVAPORATOR DEFROST CNTRL, UNIT B4.1	-	-	-	120	1	SB2LK1	12	20A, 1P	(2)#12, (1)#12 G, 3/4"C		X	-	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B4.1a
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B6	WALK-IN FREEZER ASSEMBLY, UNIT B6	-	-	-	-	-	SB2LK1	-	-	-	-	-	-	-	-	-	-	30	20	-	2, 6, 9	B6
B6.a	WALK-IN FREEZER - DOOR CONNECTIONS, UNIT B6	-	-	-	120	1	SB2LK1	2	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B6.a
B6.b	WALK-IN FREEZER - DOOR WINDOW, UNIT B6	-	-	-	120	1	SB2LK1	4	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B6.b
B6.c	WALK-IN FREEZER - TEMP MONITORING / ALARM PNL, UNIT B6	-	-	-	120	1	SB2LK1	6	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B6.c
B6.d	WALK-IN COOLER - INTERIOR LIGHTS (ASSUME 4 EA), UNIT B6	-	-	-	120	1	SB2LK1	2	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 6, 9	B6.d
B6.1	WALK-IN FREEZER - EVAPORATOR, UNIT B6	-	.22	1	208	1	SB2LK1	7, 9	20A,2P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 6, 9	B6.1
B6.1a	WALK-IN FREEZER - EVAPORATOR DEFROST CNTRL, UNIT B6.1	-	-	9.1	208	1	SB2LK1	11, 13	20A,2P	(2)#12, (1)#12 G, 3/4"C		X	-	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B6.1a
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B15	AGITATING POT SINK MACHINE	-	4.16	20	208	3	SB2LK1	14, 16, 18	20A,3P	(3)#12, (1)#12 G, 3/4"C		X	-	-	-	-	-	30	20	-	2, 4, 6	B15
B27	ICE-MAKER - CUBE STYLE	-	-	12.4	208	1	SB2LK1	15, 17	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	20	-	2	B27
B30	SCALES	-	-	12.4	120	1	SB2LK1	45	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	(2) CAT 6	2, 3	B30
B34	WORK TABLE WITH SINK & RECEPTACLES	-	1.92	16	120	1	SB2LK1	21	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2, 7, 11	B34
B37	REACH-IN UNDER COUNTER FREEZER (4-DRAWERS)	1/2	.89	7.7	120	1	SB2LK1	19	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	B37
B39	UNDER COUNTER REFRIGERATOR (2-DOORS)	1/5	.28	2.5	120	1	SB2LK1	20	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 7	B39
B44	WORK TABLE WITH SINK & RECEPTACLES	-	1.92	16	120	1	SB2LK1	22	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2, 7, 11	B44
B47	REACH-IN UNDER COUNTER REFRIGERATOR (4-DRAWERS)	1/5	-	2.5	120	1	SB2LK1	23	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 7	B47
B48	UNDER COUNTER REFRIGERATOR (2-DOORS)	1/5	-	2.5	120	1	SB2LK1	24	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 7	B48
B51	VACUUM SEALER MACHINE	.75	1.14	9.5	120	1	SB2LK1	25	20A,2P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 7, 11	B51
B56.1	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK1	26	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT 6 DATA	2, 6, 12	B56.1
B56.2	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK1	27	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT 6 DATA	2, 6, 12	B56.2
B56.3	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK1	28	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT 6 DATA	2, 6, 12	B56.3
B56.4	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK1	29	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT 6 DATA	2, 6, 12	B56.4
B56.5	EXHAUST HOOD CONTROL PANEL		-	10	120	1	SB2LK1	29	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	-	-	-	-	-	-	-	-	1 CAT 6 DATA	2, 6, 12	B56.5
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B57.1	HOOD ANSUL SYSTEM, PART 1	-	-	1.5	120	1	SB2LK1	30	20A,1P,ST	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	15	15	-	2, 4, 12	B57.1
B57.2	HOOD ANSUL SYSTEM, PART 2	-	-	1.5	120	1	SB2LK1	30	20A,1P,ST	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	15	15	-	2, 4, 12	B57.1
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B59	FRYER DUMP STATION WITH HEAT LAMP	-	.720	6.3	120	1	SB2LK1	31	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	B59
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B60.a	ELECTRIC FRYER BATTERY - CONNECTION a	-	22	27	480	3	SB2HK1	2, 4, 6	40A,3P	(3)#8, (1)#10 G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	B60.a
B60.b	ELECTRIC FRYER BATTERY - CONNECTION b	-	22	27	480	3	SB2HK1	8, 10, 12	40A,3P	(3)#8, (1)#10 G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	B60.b
B60.C	ELECTRIC FRYER BATTERY - 120V CONNECTION		.8	16	120	1	SB2LK1	70	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C		-									2, 5	B60.C
B61	COUNTER TOP GRIDDLE	-	24	33	480	3	SB2HK1	7, 9, 11	45A,3P	(3)#6, (1)#8 G, 1-1/2"C	-	X	-	-	-	-	-	30	20	-	2, 4	B61
B61.1	REFRIGERATED GRIDDLE STAND	-	.29	2.5	120	1	SB2LK1	32	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	B61.1
B62.a	ELECTRIC INDUCTION RANGE a	-	21.6	69.2	208	3	SB2LK1	43, 45, 47	90A,3P	(3)#2, (1)#8 G, 1"C	-	X	-	-	-	-	-	100	90	-	2, 4	B62.a
B62.b	ELECTRIC INDUCTION RANGE b	-	21.6	69.2	208	3	SB2LK1	44, 46, 48	90A,3P	(3)#2, (1)#8 G, 1"C	-	X	-	-	-	-	-	100	90	-	2, 4	B62.b
B63	COOK - HOLD OVEN CABINET SMOKER	-	6.5	31.4	208	1	SB2LK1	33, 35	40A,3P GFCI	(2)#8, (1)#10 G, 1"C	L6-40R	X	-	-	-	-	-	60	40	-	2, 8	B63
B64	60 GAL. TILTING SKILLET BRAISING PAN	1/2	27	32.5	480	3	SB2HK1	13, 15, 17	45A,3P	(3)#6, (1)#8 G, 1-1/2"C	-	X	-	-	-	-	-	60	45	-	2	B64
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B66	60 GAL. TILTING KETTLE	-	24.08	29	480	3	SB2HK1	14, 16, 18	40A,3P	(3)#8, (1)#10 G, 1"C	-	X	-	-	-	-	-	60	45	-	2, 4, 8	B66
B68	40 GAL. TILTING KETTLE	-	24.08	29	480	3	SB2HK1	19, 21, 23	40A,3P	(3)#8, (1)#10 G, 1"C	-	X	-	-	-	-	-	60	45	-	2, 4, 8	B68
B70	TOP COMBI-OVEN	-	18.7	22.4	480	3	SB2HK1	20, 22, 24	30A,3P	(3)#10, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4, 8	B70
B70.1	BOTTOM COMBI-OVEN	-	33	39.4	480	3	SB2HK1	25, 27, 29	50A,3P	(3)#10, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4, 8	B70.1
B72	TOP COMBI-OVEN	-	18.7	22.4	480	3	SB2HK1	26, 28, 30	25A,3P	(3)#10, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4, 8	B72
B72.1	BOTTOM COMBI-OVEN	-	33	39.7	480	3	SB2HK1	31, 33, 35	40A,3P	(3)#10, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4, 8	B72.1
B74	BLAST CHILLER FREEZER	2.5	4.7	13.4	208	3	SB2LK1	49, 51, 53	20A,3P GFCI	(3)#12, (1)#12 G, 3/4"C	L14-20R	X	-	-	-	-	-	30	20	-	2, 4, 6, 9	B74
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B79	WALK-IN COOLER ASSEMBLY, UNIT B79	-	1.44	12	120	1	SB2LK1	50	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	30	30	-	2, 4, 6, 9	B79
B79.a	WALK-IN COOLER ASSEMBLY DOOR CONNECTIONS, UNIT B79	-	1.44	12	120	1	SB2LK1	50	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	30	20	-	2, 4, 6, 9	B79.a
B79.1	WALK-IN COOLER - EVAPORATOR, UNIT B79.1	-	1.89	.9	120	1	SB2LK1	69	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	(2) CAT 6	2, 4, 6, 9	B79.1
B79.1a	WALK-IN COOLER EVAPORATOR DEFROST CNTRL, UNIT B79.1		.22	1	208	1	SB2LK1	58	20A,1P	(2)#12, (1)#12 G, 3/4"C		X	-	-	-	-	-	30	30	-	2, 4, 6, 9	B79.1a
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B81	WALK-IN FREEZER ASSEMBLY, UNIT B81	-	1.44	12	120	1	SB2LK1	52	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	30	20	-	2, 4, 6, 9	B81
B81.a	WALK-IN FREEZER - DOOR CONNECTIONS, UNIT B81	-	-	-	120	1	SB2LK1	54	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B81.a
B81.b	WALK-IN FREEZER - DOOR WINDOW HEATRM, UNIT B81	-	-	-	120	1	SB2LK1	56	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B81.b
B81.c	WALK-IN FREEZER - TEMP MONITORING / ALARM PNL, UNIT B81	-	-	-	120	1	SB2LK1	55	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B81.c
B81.d	WALK-IN FREEZER - INTERIOR LIGHTS (ASSUME 4 EA), UNIT B81	-	-	-	120	1	SB2LK1	57	20A,1P	(2)#12, (1)#12 G, 3/4"C		X	-	-	-	-	-	-	-	-	2, 6, 9	B81.d
B81.1	WALK-IN FREEZER - EVAPORATOR, UNIT B81	-	.22	1	208	1	SB2LK1	34, 36	20A,2P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4, 6, 9	B81.1
B81.1a	WALK-IN FREEZER - EVAPORATOR DEFROST CNTRL, UNIT B81.1	-	-	9.1	120	1	SB2LK1	84	20A,2P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B81.1a
-	SPACE	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
B85	WALK-IN COOLER ASSEMBLY, UNIT B85	-	1.44	12	120	1	SB2LK1	64	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	30	20	-	2, 4, 6, 9	B85
B85.a	WALK-IN COOLER - DOOR CONNECTIONS, UNIT B85	-	-	-	120	1	SB2LK1	66	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	-	2, 6, 9	B85.a
B85	WALK-IN COOLER - TEMP MONITORING / ALARM PNL, UNIT B85	-	-	-	120	1	SB2LK1	67	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	20	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B85
B85.a	WALK-IN COOLER - INTERIOR LIGHTS (ASSUME 4 EA), UNIT B85	-	-	-	120	1	SB2LK1	69	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 6, 9	B85.a
B85.1	WALK-IN COOLER - EVAPORATOR, UNIT B85	-	.22	1	208	1	SB2LK1	86, 88	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4, 6, 9	B85.1
B85.1a	WALK-IN COOLER - EVAPORATOR DEFROST CNTRL, UNIT B85.1	-	-	1.8	120	1	SB2LK1	84	20A,1P	(2)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	(2) CAT 6	2, 6, 9	B85.1a
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B95	MEAT SLICER	-	.67	5.6	120	1	SB2LK1	71	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	-	B95
B96	RECEPTS - PREP TABLE WITH SINK	-	1.92	16	120	1	SB2LK1	72	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R		-	-	-	-	-	-	-	-	1	B96
B97	ELECTRIC FOOD CUTTER	1	1.92	5.6	120	1	SB2LK1	73	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1	B97
B99	BENCHTOP FOOD PROCESSOR	-	-	7	120	1	SB2LK1	74	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1	B99
B100	BAR BLENDER	3.5	-	13	120	1	SB2LK1	75	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1	B100
B107	WORK TABLE WITH SINK & RECEPTACLES	-	1.92	16	120	1	SB2LK1	76	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R		-	-	-	-	-	-	-	-	1, 2, 6, 11	B107
B108.a	OVERSHELF WITH LIGHTS AND RECEPTS	-	.18	16	120	1	SB2LK1	78	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	(2) CAT 6 DATA	1, 2, 6	B108.a
B108.b	OVERSHELF WITH LIGHTS AND RECEPTS	-	.18	16	120	1	SB2LK1	77	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2, 6	B108.b
B108.c	OVERSHELF WITH LIGHTS AND RECEPTS	-	1.19	16	120	1	SB2LK1	79	20A,1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	(2) CAT 6 DATA	1, 2, 6	B108.c
B115	REFRIGERATION EXTERIOR COMPRESSOR RACK	-	16.03	19.3	480	3	SB2HK1-	32, 34, 36	30A,3P	(3)#10, (1)#10N, (1)#12G, 3/4"C	-	-	-	-	-	-	-	-	-	(2) CAT 6 DATA	2, 4, 6, 9	B115
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

REFERENCE NOTES:

1. GFCI PROTECTED CIRCUIT.
2. COORDINATE ROUGH-IN LOCATIONS AND CHARACTERISTICS FIELD WITH MFR. INSTALLATION INSTRUCTIONS AND ALL TRADES.
3. DOUBLE DUPLEX
4. PROVIDE FUSING PER APPROVIDE MANFACTURER'S NAMEPLATE DATA.
5. SIMPLEX RECEPTACLE
6. COORDINATE INSTALLATION CHARACTERISTICES WITH KEC AND DIV 01.
7. PROVIDE FLOOR MOUNT, RAISED PEDESTAL C276STYLE DOG-HOUSE.
8. CONTRACTOR TO PROVIDE SJO CORD & PLUG.
9. DIV26 TO INSTALL AND CONNECT LV BELDEN TEMPERATURE CONTROL WIRING AND POWER CONNECTIONS TO EACH ENCLOSURE SERVED FROM CONTROLLER, AS FURNISHED BY KEC. SEE DRAWING QF700 AND QF701 FOR REQUIREMENTS.
10. DIV26 TO DESIGN AND PROVIDE CONDUIT SYSTEM ASSOCIATED WITH ITEM B2. SEE FOOD SERVICE DRAWING QF401-3, BC&V NOTES M-C-11 AND M-C-12 FOR INFORMATION.
11. MOUNT (4) FOUR DUPEX RECEPTACLES TO UNDERSIDE OF TABLE TOP.
12. DIV26 TO PROVIDE LV CONTROL AND LINE VOLTAGE WIRING CONNECTIONS PER DRAWINGS QF702 THROUGH QF709-11.

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. COORDINATE ALL INSTALLATION CHARACTERISTICS FOR ALL EQUIPMENT INDICATED THIS SHEET WITH KEC AND DIV 01 PRIOR TO ROUGH-IN.

C. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS.

KITCHEN EQUIPMENT CONNECTION SCHEDULE D

ITEM TAG	DESCRIPTION	LOAD HP	LOAD KW	LOAD AMPS	VOLTAGE	PHASE	PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE & CONDUIT	CONNECTION TYPE NEMA RECEPT	CONNECTION TYPE HARD WIRED	NEMA 4SS MANUAL DISC SWITCH RATING	NEMA 1 DISC. SWITCH SWITCH AMPS	NEMA 1 DISC. SWITCH FUSE SIZE	NEMA 3R DISC. SWITCH SWITCH AMPS	NEMA 3R DISC. SWITCH FUSE SIZE	NEMA 4SS DISC. SWITCH SWITCH AMPS	NEMA 4SS DISC. SWITCH FUSE SIZE	COMMUNICATIONS CONNECTIONS QNTY / PORT TYPE	REF. NOTES	ITEM TAG
D9	DISHWASHER, FLIGHT-TYPE	-	35.3	98.1	480	3	SB1HDP	1, 3, 5	125A, 3P	(4)#1/0, (1)#1/0 G, 2"C	-	X	-	-	-	-	-	-	-	-	2, 6	D9
D17	ACCUMULATOR	-	1.372	6.6	208	1	SB2LK1	87, 89	15A, 3P GFCI	(3)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 6	D17
D17.1	ACCUMULATOR LIGHTS	-	-	-	-	-	SB2LK1	91	20A, 2P GFCI	(3)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 6	D17.1
D17.2	ACCUMULATOR COLLECTOR	-	.686	3.3	208	1	SB1LK1	90, 92	15A, 3P GFCI	(3)#12, (1)#12 G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 6	D17.2
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

REFERENCE NOTES:

1. GFCI PROTECTED CIRCUIT.
2. COORDINATE ROUGH-IN LOCATIONS AND CHARACTERISTICS FIELD WITH MFR. INSTALLATION INSTRUCTIONS AND ALL TRADES.
3. DOUBLE DUPLEX
4. PROVIDE FUSING PER APPROVIDE MANFACTURER'S NAMEPLATE DATA.
5. SIMPLEX RECEPTACLE
6. COORDINATE INSTALLATION CHARACTERISTICES WITH KEC AND DIV 01.
7. PROVIDE FLOOR MOUNT, RAISED PEDESTAL C276STYLE DOG-HOUSE.
8. CONTRACTOR TO PROVIDE SJO CORD & PLUG.
9. DIV26 TO INSTALL AND CONNECT LV BELDEN TEMPERATURE CONTROL WIRING AND POWER CONNECTIONS TO EACH ENCLOSURE SERVED FROM CONTROLLER, AS FURNISHED BY KEC. SEE DRAWING QF700 AND QF701 FOR REQUIREMENTS.
10. DIV26 TO DESIGN AND PROVIDE CONDUIT SYSTEM ASSOCIATED WITH ITEM B2. SEE FOOD SERVICE DRAWING QF401-3, BC&V NOTES M-C-11 AND M-C-12 FOR INFORMATION.
11. MOUNT (4) FOUR DUPEX RECEPTACLES TO UNDERSIDE OF TABLE TOP.
12. DIV26 TO PROVIDE LV CONTROL AND LINE VOLTAGE WIRING CONNECTIONS PER DRAWINGS QF702 THROUGH QF709-11.

KITCHEN EQUIPMENT CONNECTION SCHEDULE A

ITEM TAG	DESCRIPTION	LOAD HP	LOAD KW	LOAD AMPS	VOLTAGE	PHASE	PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE & CONDUIT	CONNECTION TYPE NEMA RECEPT	CONNECTION TYPE HARD WIRED	NEMA 4SS MANUAL DISC SWITCH RATING	NEMA 1 DISC. SWITCH SWITCH AMPS	NEMA 1 DISC. SWITCH FUSE SIZE	NEMA 3R DISC. SWITCH SWITCH AMPS	NEMA 3R DISC. SWITCH FUSE SIZE	NEMA 4SS DISC. SWITCH SWITCH AMPS	NEMA 4SS DISC. SWITCH FUSE SIZE	COMMUNICATIONS CONNECTIONS QNTY / PORT TYPE	REF. NOTES
A2.a	POS CASHIER STATIONS	-	0.48	4	120	1	SB1L3	1	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 6
A2.b	POS CASHIER STATIONS	-	0.48	4	120	1	SB1L3	1	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 6
A3	REFRIDGERATED REACH-IN MERCHANDISER	-	0.98	8.5	120	1	SB1L3	1	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 6
A4	ACCUMULATOR COLLECTOR	-	1.09	9.5	120	1	SB1L3	1	20A, 1P GFCI	(2)#12, (1)#12 G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 6
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

REFERENCE NOTES:

1. GFCI PROTECTED CIRCUIT.
2. COORDINATE ROUGH-IN LOCATIONS AND CHARACTERISTICS FIELD WITH MFR. INSTALLATION INSTRUCTIONS AND ALL TRADES.
3. DOUBLE DUPLEX
4. PROVIDE FUSING PER APPROVIDE MANFACTURER'S NAMEPLATE DATA.
5. SIMPLEX RECEPTACLE
6. COORDINATE INSTALLATION CHARACTERISTICES WITH KEC AND DIV 01.
7. PROVIDE FLOOR MOUNT, RAISED PEDESTAL C276STYLE DOG-HOUSE.
8. CONTRACTOR TO PROVIDE SJO CORD & PLUG.
9. DIV26 TO INSTALL AND CONNECT LV BELDEN TEMPERATURE CONTROL WIRING AND POWER CONNECTIONS TO EACH ENCLOSURE SERVED FROM CONTROLLER, AS FURNISHED BY KEC. SEE DRAWING QF700 AND QF701 FOR REQUIREMENTS.
10. DIV26 TO DESIGN AND PROVIDE CONDUIT SYSTEM ASSOCIATED WITH ITEM B2. SEE FOOD SERVICE DRAWING QF401-3, BC&V NOTES M-C-11 AND M-C-12 FOR INFORMATION.
11. MOUNT (4) FOUR DUPEX RECEPTACLES TO UNDERSIDE OF TABLE TOP.
12. DIV26 TO PROVIDE LV CONTROL AND LINE VOLTAGE WIRING CONNECTIONS PER DRAWINGS QF702 THROUGH QF709-11.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New

KITCHEN EQUIPMENT CONNECTION SCHEDULE C (PART 1)

ITEM TAG	DESCRIPTION	LOAD HP	LOAD KW	LOAD AMPS	VOLTAGE	PHASE	PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE & CONDUIT	CONNECTION TYPE NEMA RECEPT	CONNECTION TYPE HARD WIRED	NEMA 4SS MANUAL DISC SWITCH RATING	NEMA 1 DISC. SWITCH SWITCH AMPS	NEMA 1 DISC. SWITCH FUSE SIZE	NEMA 3R DISC. SWITCH SWITCH AMPS	NEMA 3R DISC. SWITCH FUSE SIZE	NEMA 4SS DISC. SWITCH SWITCH AMPS	NEMA 4SS DISC. SWITCH FUSE SIZE	COMM CONNECTIONS QNTY / PORT TYPE	REF. NOTES	ITEM TAG
C1	WORK TABLE RECEPTS	-	-	16	120	1	SB2LK2	1	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 6	C1
C3	REACH-IN FREEZER	1/2	.87	7.6	120	1	SB2LK2	2	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C3
C4	REACH-IN REFRIGERATOR	1/3	-	8.1	120	1	SB2LK2	3	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C4
C5	WORK COUNTER	-	1.92	16	120	1	SB2LK2	4	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 6	C5
C6	UNDER COUNTER REFRIGERATOR	1/5	-	2.5	120	1	SB2LK2	5	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C6
C8a	HEATED HOLDING CABINET	-	.84	7	120	1	SB2LK2	6	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C8a
C8b	HEATED HOLDING CABINET	-	.84	7	120	1	SB2LK2	8	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C8b
C12	REACH-IN FREEZER	1/2	-	7.6	120	1	SB2LK2	49	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C12
C13	ELECTRIC PIZZA OVEN	-	18.13	50.5	208	3	SB2LK2	7, 9, 11	60A,3P	(3)#4, (1)#8G, 1"C	-	X	-	-	-	-	-	60	60	-	2, 4	C13
C13.1	PIZZA OVEN EXHAUST FAN (ON ROOF ABOVE)	3/4	-	20	208	3	SB2LK2	13, 15, 17	20A,3P	(3)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	60	60	-	2, 4	C13.1
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C15	PIZZA PREP STATION	3/4	.8	6.2	120	1	SB2LK2	10	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C15
C16	REACH-IN FREEZER	1/2	-	7.6	120	1	SB2LK2	12	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C16
C17.1	EXHAUST HOOD (WITH MAKE-UP AIR)	-	-	-	120	1	SB2LK2	14	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT6 DATA	6, 12	C17.1
C17.2	EXHAUST HOOD (WITH MAKE-UP AIR)	-	-	-	120	1	SB2LK2	16	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT6 DATA	6, 12	C17.2
C17.3	EXHAUST HOOD (CONTROL PANEL)	-	-	-	120	1	SB2LK2	18	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT6 DATA	6, 12	C17.3
C18	ANSUL SYSTEM - POWER	-	-	1.5	120	1	SB2LK2	20	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	15	15	-	6, 12	C18
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C20	ELECTRIC FRYER BATTERY - CONNECTION 1	-	22	27	480	3	SB2HK1	44, 46, 48	40A,3P	(3)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C20
C20.1	ELECTRIC FRYER BATTERY - CONNECTION 2	-	22	27	480	3	SB2HK1	50, 52, 54	40A,3P	(3)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C20.1
C20.2	ELECTRIC FRYER BATTERY - CONNECTION 3	-	1.6	6.8	120	1	SB2LK2	22	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C20.2
C20.25	ELECTRIC PANEL SB2LK3	-	-	100	208/120	3	SB2LDP	-	100A,3P	(4)#2, (1)#2G, 1-1/2"C	-	X	-	-	-	-	-	-	-	-	2	C20.5
C21	FRYER DUMP STATION WITH HEAT LAMP	-	.72	6.3	120	1	SB2LK2	19	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C21
C23.a	ELECTRIC CHAR-BOILER 1	-	5.4	22.4	208	3	SB2LK2	23, 25, 27	30A,3P	(3)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4	C23a
C23.b	ELECTRIC CHAR-BOILER 2	-	5.4	22.4	208	3	SB2LK2	24, 26, 28	30A,3P	(3)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4	C23b
C23.1	REFRIGERATED EQUIPMENT STAND	1/5	-	2.5	120	1	SB2LK2	21	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C23.1
C24	ELECTRIC INDUCTION RANGE	-	21.6	69.2	208	3	SB2LK2	29, 31, 33	90A,3P	(3)#2, (1)#8G, 1"C	-	X	-	-	-	-	-	100	90	-	2, 4	C24
C25	COUNTER TOP GRIDDLE	-	18	22	480	3	SB2HK1	43, 45, 47	30A,3P	(3)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	20	-	2, 4	C25
C25.1	REFRIGERATED EQUIPMENT STAND	1/5	-	2.5	120	1	SB2LK2	43	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C25.1
C26a	ELECTRIC CONVECTION OVEN - CONNECTION 1	-	25	30	480	3	SB2HK1	49, 51, 53	40A,3P	(3)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	40	-	2	C26a
C26b	ELECTRIC CONVECTION OVEN - CONNECTION 2	-	25	30	480	3	SB2HK1	55, 57, 59	40A,3P	(3)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	40	-	2	C26b
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C31	WORK TABLE W/ RECEPTACLES	-	1.92	16	120	1	SB2LK2	30	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 6, 11	C31
C32a	UNDER COUNTER REFRIGERATOR	1/5	-	2.5	120	1	SB2LK2	32	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C32a
C32b	UNDER COUNTER REFRIGERATOR	1/5	-	2.5	120	1	SB2LK2	32	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C32b
C37	REACH-IN FREEZER	1/4	.87	7.6	120	1	SB2LK2	46	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C37
C38	REACH-IN REFRIGERATOR	1/3	.93	8.1	120	1	SB2LK2	35	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C38
C39	RECEPTS - WORK TABLE	-	1.92	16	120	1	SB2LK2	44	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 6	C39
C41	HYDROPHONICS CASE	TBD	TBD	TBD	120	1	SB2LK2	38	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	1 CAT6 DATA	1, 2, 6	C41
C42	RECEPTS - WORK COUNTER	-	1.92	16	120	1	SB2LK2	56	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 6	C42
C44a	MICROWAVE OVEN	-	3.6	20	208	1	SB2LK2	57, 59	20A,1P GFCI	(2)#10, (1)#10G, 3/4"C	L6-20R	-	-	-	-	-	-	-	-	-	2, 5	C44a
C44b	MICROWAVE OVEN	-	3.6	20	208	1	SB2LK2	58, 60	20A,1P GFCI	(2)#10, (1)#10G, 3/4"C	L6-20R	-	-	-	-	-	-	-	-	-	2, 5	C44b
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C45a	UNDER COUNTER REFRIGERATOR	1/3	-	2.5	120	1	SB2LK2	45	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C45a
C45b	UNDER COUNTER REFRIGERATOR	1/3	-	2.5	120	1	SB2LK2	45		(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C45b
C50	SERVING COUNTER	-	-	16	120	1	SB2LK3	14	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2, 11	C50
C50.1	FOOD SHIELD WITH HEAT AND LED LIGHT	-	.98	8.1	120	1	SB2LK3	10	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C50.1
C50.2	HOT/COLD DROP-IN	1/4	1.9	9	208	1	SB2LK1	37, 39	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C50.2
C50.4	REFRIGERATOR PREP TABLE - 6	1/4	-	4.8	120	1	SB2LK3	4	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.4
C50.5	HOT/COLD DROP-IN	1/4	1.9	9	208	1	SB2LK1	38, 40	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C50.5
C50.6	REFRIGERATOR PREP TABLE - 5	1/4	-	4.8	120	1	SB2LK3	5	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.6
C50.7	FOOD SHIELD WITH HEAT AND LED LIGHT	-	.98	8.1	120	1	SB2LK3	7	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C50.7
C50.8	REFRIGERATOR PREP TABLE - 4	1/4	-	4.8	120	1	SB2LK3	4	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.8
C50.10	SOUP DROP-IN WELL UNIT	-	.41	3.4	208	1	SB2LK3	9, 11	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	6-15R	-	-	-	-	-	-	-	-	-	2, 5	C50.10
C50.11	HOT/COLD DROP IN	1/4	-	4.9	208	1	SB2LK1	41, 43	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C50.11
C50.12	ELECTRIC INDUCTION RANGE	-	8.5	35.4	208	3	SB2LK2	62, 64	50A,3P GFCI	(3)#6, (1)#10G, 1-1/2"C	14-50R	-	-	-	-	-	-	-	-	-	2, 5	C50.12
C50.13	REFRIGERATOR PREP TABLE - 3	1/4	.55	4.8	120	1	SB2LK3	4	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.13
C50.14	HOT/COLD DROP IN	1/4	1.9	9	208	1	SB2LK1	42, 44	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C50.14
C50.15	FOOD SHIELD WITH HEAT AND LED LIGHT - 2	-	.98	8.1	120	1	SB2LK3	6	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C50.15
C50.16	FOOD SHIELD WITH HEAT AND LED LIGHT - 1	-	.98	8.1	120	1	SB2LK3	8	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C50.16
C50.17	REFRIGERATOR PREP TABLE - 2	1/4	.55	4.5	120	1	SB2LK3	1	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.17
C50.19	FOOD SHIELD WITH HEAT AND LED LIGHT	-	.98	8.1	120	1	SB2LK3	3	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 6	C50.19
C50.20	DROP-IN SOUP WELL	-	.0825	11.5	208	1	SB2LK3	13, 15	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.20
C50.21	HOT/COLD DROP IN	1/4	-	4.9	120	1	SB2LK1	81, 83	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C50.21
C50.22	REFRIGERATOR PREP TABLE - 1	1/4	.576	4.8	120	1	SB2LK3	1	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C50.22
C50.24	ELECTRIC INDUCTION RANGE	-	8.5	35.4	208	3	SB2LK2	63, 65	50A,2P GFCI	(3)#6, (1)#10G, 1-1/2"C	14-50R	-	-	-	-	-	-	-	-	-	2, 5	C50.24
C51	CARVING STATION	-	1.1	9.2	120	1	SB2LK3	2	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C51
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C58.1	REFRIGERATED DESSERT COLD PAN	1/3	-	5.6	120	1	SB2LK2	35	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C58.1
C58.2	DESSERT FOOD SHIELD WITH LED LIGHT	-	.240	2	120	1	SB2LK2	37	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C58.2
C58.3	DESSERT FOOD SHIELD WITH LED LIGHT	-	-	2	120	1	SB2LK2	37	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C58.3
C58.4a	DESSERT DROP-IN SOUP WELL UNIT	-	.41	3.4	208	1	SB2LK2	39, 41	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	6-15R	-	-	-	-	-	-	-	-	-	2, 5	C58.4a
C58.4b	DESSERT DROP-IN SOUP WELL UNIT	-	.41	3.4	208	1	SB2LK2	39, 41	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	6-15R	-	-	-	-	-	-	-	-	-	2, 5	C58.4b
C58.5	REFRIGERATED COLD PAN ASSEMBLY	1/4	-	4.9	120	1	SB2LK2	40	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C58.5
C58.6	DROP-IN COLD PLATE SHELF	1/5	.03	3.8	120	1	SB2LK2	42	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C58.6
C58.7	DESSERT FOOD SHIELD WITH LED LIGHT	-	-	2	120	1	SB2LK2	37	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 5	C58.7
C59	UNDER COUNTER FREEZER	-	.55	4.8	120	1	SB2LK2	44	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C59
C60	WAFFLE MAKER	-	1.4	11.6	120	1	SB2LK2	66	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C60
C61	TWO SLICE TOASTER	-	1.8	.15	120	1	SB2LK2	67	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C61
C62	MILK DISPENSER	1/6	.240	2.1	120	1	SB2LK2	68	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C62
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C69.1	FOOD SHIELD WITH HEAT AND LED LIGHT	-	-	12	120	1	SB2LK2	69	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C69.1
C70	WATER DISPENSER	-	.132	11	120	1	SB2LK2	71	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C70
C70.a	WATER DISPENSER	-	.156	13	120	1	SB2LK2	73	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C70.a
C71	COLD JUICE DISPENSER - 1	1/10	-	8.5	120	1	SB2LK2	74	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C71
C71.1	COLD JUICE DISPENSER - 2	1/10	-	8.5	120	1	SB2LK2	76	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C71.1
C77	BEVERAGE COUNTER W/ SINK	-	1.92	9	120	1	SB2LK2	75	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2	C77
C78	COFFEE BREWER	-	6.1	25.4	208	1	SB2LK2	77, 79	30A,2P GFCI	(2)#10, (1)#10G, 3/4"C	-	X	30	-	-	-	-	-	-	-	2	C78
C79	COFFEE BREWER	-	1.9	15.8	120	1	SB2LK2	78	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	15	-	-	-	-	-	-	-	2	C79
C80	MILK DISPENSER - 1	1/10	.22	1.5	120	1	SB2LK2	80	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C80
C80.1	MILK DISPENSER - 2	1/10	.22	1.5	120	1	SB2LK2	82	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C80.1
C83	ICE / BEVERAGE DISPENSER	-	1.8	15	120	1	SB2LK2	81	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C83
C83.1	ICE MACHINE	-	4.9	12.5	208	1	SB2LK2	70, 72	20A,2P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	30	-	-	-	-	-	-	-	2	C83.1
C83.2	6 INCH BEVERAGE CONDUIT SYSTEM	-	-	-	-	-	-	-	-	6" CONDUIT SYSTEM	-	-	-	-	-	-	-	-	-	-	6, 10	C83.2
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--

REFERENCE NOTES:

1. GFCI PROTECTED CIRCUIT.
2. COORDINATE ROUGH-IN LOCATIONS AND CHARACTERISTICS FIELD WITH MFR. INSTALLATION INSTRUCTIONS AND ALL TRADES.
3. DOUBLE DUPLEX.
4. PROVIDE FUSING PER APPROVED MANUFACTURER'S NAMEPLATE DATA.
5. SIMPLEX RECEPTACLE.
6. COORDINATE INSTALLATION CHARACTERISTICS WITH KEC AND DIV 01.
7. PROVIDE FLOOR MOUNT, RAISED PEDESTAL C276STYLE DOG-HOUSE.
8. CONTRACTOR TO PROVIDE SJO CORD & PLUG.
9. DIV26 TO INSTALL AND CONNECT LV BELDEN TEMPERATURE CONTROL WIRING AND POWER CONNECTIONS TO EACH ENCLOSURE SERVED FROM CONTROLLER, AS FURNISHED BY KEC. SEE DRAWING QF701 FOR REQUIREMENTS.
10. DIV26 TO DESIGN AND PROVIDE CONDUIT SYSTEM ASSOCIATED WITH ITEM B2. SEE FOOD SERVICE DRAWING QF401-3, BC&V NOTES M-C. 11 AND M-C-12 INFORMATION.
11. MOUNT (4) FOUR DUPLEX RECEPTACLES TO UNDERSIDE OF TABLE TOP.
12. DIV26 TO PROVIDE LV CONTROL AND LINE VOLTAGE WIRING CONNECTIONS PER DRAWINGS QF702 THROUGH QF709-11.
13. INTERCONNECT WITH PIZZA OVER TO OPERATE WHN PIZZA OVER IS ON

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. COORDINATE ALL INSTALLATION CHARACTERISTICS FOR ALL EQUIPMENT INDICATED THIS SHEET WITH KEC AND DIV 01 PRIOR TO ROUGH-IN

C. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

EDWARD J. CABEZAS — STATE OF NEW YORK — 093078 — LICENSED PROFESSIONAL ENGINEER

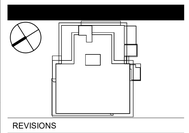
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
KITCHEN EQUIPMENT CONNECTION SCHEDULE C, PART 1

SHEET NUMBER:
E-403

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

B. COORDINATE ALL INSTALLATION CHARACTERISTICS FOR ALL EQUIPMENT INDICATED THIS SHEET WITH KEC AND DIV 01 PRIOR TO ROUGH-IN.

C. VERIFY ELECTRICAL ROUGH-IN LOCATIONS AND CONNECTION REQUIREMENTS WITH QF-SERIES ELECTRICAL ROUGH-IN DRAWINGS.

KITCHEN EQUIPMENT CONNECTION SCHEDULE C (PART 2)

ITEM TAG	DESCRIPTION	LOAD			VOLTAGE	PHASE	PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE & CONDUIT	CONNECTION TYPE		NEMA 4SS MANUAL DISC	NEMA 1 DISC. SWITCH		NEMA 3R DISC. SWITCH		NEMA 4SS DISC. SWITCH		COMM CONNECTIONS	REF. NOTES	ITEM TAG
		HP	KW	AMPS							NEMA RECEPT	HARD WIRED	SWITCH RATING	SWITCH AMPS	FUSE SIZE	SWITCH AMPS	FUSE SIZE	SWITCH AMPS	FUSE SIZE	QNTY / PORT TYPE		
C89	RECEPTS - KULTURE TRIP SERVING COUNTER	-	1.92	16	120	1	SB2LK5	1	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	-	-	-	-	-	-	-	-	-	1, 2	C89
C89.1	FOOD SHIELD WITH HEAT AND LED LIGHT	-	.98	8.1	120	1	SB2LK5	2	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2, 5	C89.1
C89.2	DROP-IN SOUP WELL UNIT	-	.720	3	208	1	SB2LK5	4, 6	20A,2P GFCI	(3)#12, (1)#12G, 3/4"C	6-15	-	-	-	-	-	-	-	-	-	2	C89.2
C89.4	HOT/COLD DROP IN	-	3	13.4	208	1	SB2LK5	3, 5	20A,2P	(3)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.4
C89.5	HOT/COLD DROP IN	-	3	13.4	208	1	SB2LK5	7, 9	20A,2P	(3)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.5
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C89.8	REFRIGERATED PREP TABLE	-	1.27	4.8	120	1	SB2LK5	20	20A,2P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C89.8
C89.9	HOT/COLD PAN, DROP-IN	-	3	10.6	208	1	SB2LK5	19, 21	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C89.9
C89.12	FOOD SHIELD WITH HEAT AND LED LIGHT	-	.980	8.1	120	1	SB2LK5	22	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	-	2	C89.12
C89.13	DROP-IN SOUP WELL UNIT	-	.41	3.4	120	1	SB2LK5	24	20A,1P GFCI	(3)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C89.13
C89.15	HOT/COLD DROP IN	-	1.87	9	208	1	SB2LK5	11, 13	20A,2P	(3)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.15
C89.16	HOT/COLD DROP IN	-	3	13.4	208	1	SB2LK5	12, 14	20A,2P	(3)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.16
C89.17	HOT/COLD DROP IN	-	2	9	208	1	SB2LK5	15, 17	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.17
C89.18	HOT/COLD DROP IN	-	3	14.4	208	1	SB2LK5	16, 18	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C89.18
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C89.21	HOT/COLD PAN, DROP-IN	-	3	13.4	208	1	SB2LK5	23, 25	20A,2P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C89.21
C89.22	REFRIG PREP TABLE	-	.56	4.8	120	1	SB2LK5	25	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C89.22
C89.23	ELECTRIC PANEL SB2LK5	-	-	-	208V/120	-	SB1LDP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C89.23
C90	RICE/GRAIN COOKER	-	1.56	13	120	1	SB2LK5	27	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C90
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C97	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK2	100	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 DATA	2	C97
C97.1	EXHAUST HOOD (CONTROL PANEL)	-	1.44	12	120	1	SB2LK2	102	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 DATA	2	C97.1
C98	ANSUL SYSTEM / FIRE SUPRESSION	-	.2	1.5	120	1	SB2LK2	83	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	15	15	-	2, 4	C98
C100	ELECTRIC FRYER BATTERY - CONNECTION 1	-	22	27	480	3	SB2LK1	56, 58, 60	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C100
C100.a	ELECTRIC FRYER BATTERY - CONNECTION 2	-	22	27	480	3	SB2LK1	62, 64, 66	40A,3P	(3)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C100.1
C100.b	ELECTRIC FRYER BATTERY - CONNECTION 3	-	1.6	6.8	120	1	SB2LK2	88	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C100.2
C102	ELECTRIC CHAR-BROILER	-	5.4	22.4	208	3	SB2LK2	89, 91, 93	30A,3P	(3)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4	C102
C102.1	REFRIGERATED EQUIPMENT STAND	1/5	.29	2.5	120	1	SB2LK2	92	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C102.1
C103	COUNTER TOP GRIDDLE	-	12	13	480	3	SB2LK1	61, 63, 65	30A,3P	(3)#10, (1)#120G, 1"C	-	X	-	-	-	-	-	30	20	-	2, 4	C103
C104	ELECTRIC INDUCTION RANGE	-	19.8	57.6	208	3	SB2LK5	94, 96, 98	75A,3P	(3)#2, (1)#6G, 3/4"C	-	X	-	-	-	-	-	100	90	-	2, 4	C104
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C111	EXHAUST HOOD (WITH MAKE-UP AIR)	-	-	-	120	1	SB2LK2	97	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 DATA	2	C111
C111.1	EXHAUST HOOD (CONTROL PANEL)	-	-	-	120	1	SB2LK2	99	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 DATA	2	C111.1
C112	ANSUL SYSTEM - POWER	-	-	1.5	120	1	SB2LK2	95	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	15	15	-	2, 4	C112
C114	ELECTRIC COMBI-OVEN	-	18.7	22.4	480	3	SB2HK1	67, 69, 71	25A,3P	(4)#10, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4	C114
C114.1	ELECTRIC COMBI-OVEN	-	33	39.7	480	3	SB2HK1	73, 75, 77	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	40	-	2, 4	C114.1
C116	ELECTRIC FRYER BATTERY - CONNECTION 1	-	22	27	480	3	SB2HK1	68, 70, 72	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C116
C116.1	ELECTRIC FRYER BATTERY - CONNECTION 2	-	22	27	480	3	SB2HK1	74, 76, 78	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C116.1
C116.2	ELECTRIC FRYER BATTERY - CONNECTION 3	-	1.6	6.8	120	1	SB2LK2	90	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C116.2
C118a	COUNTER TOP GRIDDLE - CONNECTION - 1	-	18	22	480	3	SB2H1	1, 3	30A,3P	(4)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4	C118a
C118b	COUNTER TOP GRIDDLE - CONNECTION - 2	-	12	13	480	3	SB2H1	2, 4	20A,3P	(4)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	20	-	2, 4	C118b
C118.1	REFRIGERATED EQUIPMENT STAND	1/4	.48	4.2	120	1	SB2LK4	1	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C118.1
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C122	SERVING COUNTER W/ RECEPTS	-	1.92	16	120	1	SB2LK4	2	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2	C122
C122.2c	HOT/COLD DROP IN (COLD OPERATION PS)	1/3	-	5.6	120	1	SB2LK4	20	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	10	-	2, 4	C122.2c
C122.2h	HOT/COLD DROP IN (HOT OPERATION PS)	-	3	14.4	208	1	SB2LK4	22, 24	20A,2P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	15	-	2, 4	C122.2h
C122.4	HOT FOOD WELL UNIT	-	.06	3	208	1	SB2LK4	21, 23	15A,2P GFCI	(2)#12, (1)#12G, 3/4"C	6-15	-	-	-	-	-	-	-	-	-	2	C122.4
C122.6	ELECTRIC PANEL SB2LK4	-	-	100	208/120	3	SB2LDP	XX	100A,1P	(4)#2, (1)#2G, 1-1/2"C	-	-	-	-	-	-	-	-	-	-	-	-
C123	CARVING STATION	-	.75	6.3	120	1	SB2LK4	3	15A,2P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C123
C124	RICE/GRAIN COOKER	-	1.55	13	120	1	SB2LK4	4	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C124
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C130	WORK COUNTER W/ RECEPTS	-	1.92	16	120	1	SB2LK4	5	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2	C130
C131	UNDERCOUNTER REFRIGERATOR	1/5	.28	2.5	120	1	SB2LK4	6	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C131
C137	CHEF'S WORK COUNTER W/ RECEPTS	-	1.92	16	120	1	SB2LK4	7	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	1, 2, 11	C137
C138	UNDER COUNTER REFRIGERATOR W/ DRAWERS	1/5	.28	2.5	120	1	SB2LK4	8	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C138
C139	UNDER COUNTER FREEZER	-	.55	4.8	120	1	SB2LK4	9	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C139
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
C145	EXHAUST HOOD (WITH MAKE-UP AIR)	-	1.92	16	120	1	SB2LK4	11	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT6 DATA	1, 2, 6	C145
C145.1	EXHAUST HOOD (CONTROL CABINET)	-	1.92	16	120	1	SB2LK4	13	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	-	-	1 CAT6 DATA	1, 2, 6	C145.1
C146	ANSUL SYSTEM - POWER	-	-	1.5	120	1	SB2LK4	15	20A,1P	(2)#12, (1)#12G, 3/4"C	-	X	-	-	-	-	-	15	15	-	1, 2, 6	C146
C148	ELECTRIC COMBI-OVEN	-	18.7	22.4	480	3	SB2H1	7, 9, 11	25A,3P	(4)#10, (1)#12G, 3/4"C	-	X	-	-	-	-	-	30	25	-	2, 4	C148
C148.1	ELECTRIC COMBI-OVEN	-	33	39.7	480	3	SB2H1	8, 10, 12	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	40	-	2, 4	C148.1
C150	ELECTRIC INDUCTION RANGE / OVEN	-	19.2	25	480	3	SB2H1	13, 15, 17	30A,3P	(4)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	100	90	-	2, 4	C150
C151	ELECTRIC COUNTER-TOP GRIDDLE	-	18	22	480	3	SB2H1	14, 16, 18	30A,3P	(4)#10, (1)#10G, 3/4"C	-	X	-	-	-	-	-	30	30	-	2, 4	C151
C151.1	REFRIGERATED EQUIPMENT STAND	-	1/5	2.5	120	1	SB2LK4	10	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2, 5	C151.1
C152	ELECTRIC FRYER BATTERY - CONNECTION 1	-	22	27	480	3	SB2H1	19, 21, 23	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C152
C152.1	ELECTRIC FRYER BATTERY - CONNECTION 2	-	22	27	480	3	SB2H1	20, 22, 24	40A,3P	(4)#8, (1)#10G, 1"C	-	X	-	-	-	-	-	60	30	-	2, 4	C152.1
C152.2	ELECTRIC FRYER BATTERY - CONNECTION 3	-	1.6	6.8	120	1	SB2LK4	12	20A,1P GFCI	(2)#12, (1)#12G, 3/4"C	5-20R	-	-	-	-	-	-	-	-	-	2	C152.2
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--
--	SPACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--

REFERENCE NOTES:

1. GFCI PROTECTED CIRCUIT.
2. COORDINATE ROUGH-IN LOCATIONS AND CHARACTERISTICS FIELD WITH MFR. INSTALLATION INSTRUCTIONS AND ALL TRADES.
3. DOUBLE DUPLEX.
4. PROVIDE FUSING PER APPROVED MANUFACTURER'S NAMEPLATE DATA.
5. SIMPLEX RECEPTACLE.
6. COORDINATE INSTALLATION CHARACTERISTICS WITH KEC AND DIV 01.
7. PROVIDE FLOOR MOUNT, RAISED PEDESTAL C276STYLE DOG-HOUSE.
8. CONTRACTOR TO PROVIDE SJO CORD & PLUG.
9. DIV26 TO INSTALL AND CONNECT LV BELDEN TEMPERATURE CONTROL WIRING AND POWER CONNECTIONS TO EACH ENCLOSURE SERVED FROM CONTROLLER, AS FURNISHED BY KEC. SEE DRAWING QF701 FOR REQUIREMENTS.
10. DIV26 TO DESIGN AND PROVIDE CONDUIT SYSTEM ASSOCIATED WITH ITEM B2. SEE FOOD SERVICE DRAWING QF401-3, BC&V NOTES M-C. 11 AND M-C-12 INFORMATION.
11. MOUNT (4) FOUR DUPLEX RECEPTACLES TO UNDERSIDE OF TABLE TOP.
12. DIV26 TO PROVIDE LV CONTROL AND LINE VOLTAGE WIRING CONNECTIONS PER DRAWINGS QF702 THROUGH QF709-11.
13. INTERCONNECT WITH PIZZA OVER TO OPERATE WHN PIZZA OVER IS ON

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

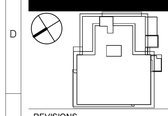
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
KITCHEN EQUIPMENT CONNECTION SCHEDULE C PART 2

SHEET NUMBER:
E-404

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

LS1HDP

LOCATION:	ATS ROOM 115b	BUS/MAIN:	200A MCB / 200A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/227V 3ø4W	FED FROM:	LS1HDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		14,465				A		3218				2
3	LS1LDP-T		11,442		135A,3P	B	100A,3P		3088		LS2H1	4
5				10,983		C				1774		6
7		0				A		0				8
9	SPARE		0		30A,3P	B	20A,3P		0		SPARE	10
11				0		C				0		12
13	SPACE	0			1P	A	1P	0			SPACE	14
15	SPACE		0		1P	B	1P		0		SPACE	16
17	SPACE			0	1P	C	1P			0	SPACE	18
19	SPACE	0			1P	A	1P	0			SPACE	20
21	SPACE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
		14465	11442	10983	PHASE SUB TOTAL			3218	3088	1774		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	14465	3218	L
L	11442	3088	L
L	10983	1774	L

DIVERSIFIED LOAD (W)	
TOTAL A	17683
TOTAL B	14530
TOTAL C	12757
TOTAL	44970

CONNECTED LOAD (W)	44970
DIVERSITY FACTOR	1.00

CURRENT (A)	
TOTAL A	27
TOTAL B	22
TOTAL C	19
TOTAL	68

LS2H1

LOCATION:	ELECTRIC 220	BUS/MAIN:	100A MLO / 100A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	480Y/277V 3ø4W	FED FROM:	LS1HDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	EM LTS - MECH MEZZ, EAST STAIR	569			20A,1P	A	20A,1P	1265			EM LTS - BACK HOUSE KITCH - SERVERY	2
3	EM LTS - S'COND FLR - MID PLAN		760		20A,1P	B	20A,1P		1228		EM LTS - S'COND FLR - WEST	4
5	EM LTS - FRST FLR - EAST			1230	20A,1P	C	20A,1P			544	EM LTS - FRST FLR - NORTH MID PLAN	6
7	EM LTS - FRST FLR - CAFE & COMMNS	1124			20A,1P	A	20A,1P	263			EM LTS - FRST FLR - OFF & CP LAB	8
9	EM LTS - EXTR FIRST FLOOR, N & E		1100		20A,1P	B	20A,1P		0		SPARE	10
11	SPARE			0	20A,1P	C	20A,1P			0	SPARE	12
13	SPARE	0			20A,1P	A	20A,1P	0			SPARE	14
15	SPARE		0		20A,1P	B	20A,1P		0		SPARE	16
17	SPARE			0	20A,1P	C	20A,1P			0	SPARE	18
19	SPACE	0			1P	A	1P	0			SPACE	20
21	SPACE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
		1693	1860	1230	PHASE SUB TOTAL			1525	1228	544		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

DIVERSIFIED LOAD (W)			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	569	1262	L
L	760	1228	L
L	1230	544	L
L	1124	263	L
L	1100		

DIVERSIFIED LOAD (W)	
TOTAL A	3218
TOTAL B	3088
TOTAL C	1774
TOTAL	8080

CONNECTED LOAD (W)	8080

CURRENT (A)	
TOTAL A	5
TOTAL B	5
TOTAL C	3
TOTAL	12

LS2H1

LOCATION:	ELECTRIC 220	BUS/MAIN:	100A MLO / 100A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	480Y/277V 3ø4W	FED FROM:	LS1HDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		4363				A		0				2
3	EXG FREIGHT ELEVATOR #1		4363		50A,3P	B	30A,3P		0		SPARE	4
5				4363		C				0		6
7		4300				A		709121				8
9	DUMPSTERS		4300		60A,3P	B	20A,1P		709121		SB1HDP	10
11				4300		C				709121		12
13		4703				A		17683				14
15	ELEVATOR ELEV #2		4703		60A,3P	B	275A,3P		17683		LS1HDP	16
17				4703		C				17683		18
19		0				A		3350			PANEL SB1REF1	20
21			0			B	70A, 3P		3350		VIA TRANSFORMER	22
23				0		C				3350	SB1REF1-T	24
25		0				A		0				26
27			0			B			0			28
29				0		C				0		30
		13366	13366	13366	PHASE SUB TOTAL			1525	1228	544		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

DIVERSIFIED LOAD (W)			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
M	3272.25		M
M	3272.25		M
M	3272.25		M
M	3225	709121	L
M	3225	724250	L
M	3225	715579	L
L	4703	17683	L
L	4703	14530	L
L	4703	12757	L
		3350	L
		3350	L
		3350	L

DIVERSIFIED LOAD (W)	
TOTAL A	741354
TOTAL B	753330
TOTAL C	743086
TOTAL	2237771

CONNECTED LOAD (W)	2244168

CURRENT (A)	
TOTAL A	1116
TOTAL B	1134
TOTAL C	1119
TOTAL	3369

PANEL: GEN1

LOCATION: STAND-BY GENSET ENCLOSURE
MOUNTING: SURFACE
VOLTAGE/PHASE: 120/240 1 PHASE, 3 WIRE
MIN AIC RATING: 10,000

BUS/MAIN: 100A/100A MCB
FEEDER: (2) #2, (1) #2, 1-1/4" CONDUIT
FED FROM: TRANSFER SWITCH
ACCESSORIES: -
*- GFI BREAKER **- SHUNT TRIP BREAKER

CKT #	LOAD DESCRIPTION	CKT BKR AMP	POLE	CKT BKR AMP	POLE	LOAD DESCRIPTION	CKT #
1	ENCLOSURE LIGHTS	20	1	20	1	BATTERY CHARGER	2
3	ENCLOSURE RECEPTS	*20	1	20	1	WATER JACKET HEATER	4
5	ALTERNATOR HEATER	30 //	2 //	40 //	2 //	ENCLOSURE HEATER	6
7							8
9	SPARE	40	2	20	1	CONTROL CIRCUIT	10
11	SPARE	//	//	20	1	SPARE	12
13	SPARE	20	1	20	1	SPARE	14
15	SPARE	20	1	20	1	SPARE	16
17	SPACE	-	1	1	-	SPACE	18
19	SPACE	-	1	1	-	SPACE	20
21	SPACE	-	1	1	-	SPACE	22
23	SPACE	-	1	1	-	SPACE	24

*-GFCI TYPE

LS1L1

LOCATION:	ATS ROOM 115B	BUS/MAIN:	225A MLO / 225A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3ø4W	FED FROM:	LS1LDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR-IN-DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		4500				A	20A,1P	400			RECEPTS - 115B	2
3	PANEL GEN1		4500		100A,3P	B	20A,1P		0		RECEPTS - NETWORK 108	4
5				4500		C	20A,1P			0	NETWORK RACK 1, 108	6
7		9875				A		3684				8
9	PANEL LS1L1		4575		100A,3P	B	100A,3P		2367		RECEPTS - 108 TELECOM BOARD	10
11				8499		C				878	FRIEGHT ELEC CAB LIGHTS	12
13	SPARE	0			20A,1P	A	20A,1P	0			N. ENTRY 100B - HNDCPD DOOR 2	14
15	SPARE		0		20A,1P	B	20A,1P		0		W. ENTRY 100A - HNDCPD DOOR 2	16
17	SPARE			0	20A,1P	C	20A,1P			0	RECEPTS - 602 TELECOM BOARD	18
19	SPACE	0			1P	A	1P	0			SPARE	20
21	SPACE		0		1P	B	1P		0		SPARE	22
23	SPACE			0	1P	C	1P			0	SPARE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
		14375	9075	12999	PHASE SUB TOTAL			4084	2367	878		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

DIVERSIFIED LOAD (W)			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	4500	300	M
L	4500		
L	4500		
L	9875	3684	L
L	4575	2367	L
L	8499	878	L

DIVERSIFIED LOAD (W)	
TOTAL A	18359
TOTAL B	11442
TOTAL C	13877
TOTAL	43678

CONNECTED LOAD (W)	43778

CURRENT (A)	
TOTAL A	64
TOTAL B	40
TOTAL C	48
TOTAL	152

LS2L1

LOCATION:	ATS ROOM 115B	BUS/MAIN:	100A MLO / 100A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3ø4W	FED FROM:	LS1LDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	RECEPTS - 115B	800			20A,1P	A	20A,1P	800			NETWORK RACK 1, ELEC 220	2
3	RECEPTS - 430		800		20A,1P	B	20A,1P		1000			4
5	NETWORK RACK 1, 108			2350	30A,2P	C	30A,2P			2350	ELEV E100 - CAB LIGHTS	6
7		2350				A		2350			ADA DOOR OPERATORS, 201	8
9	SECURITY/DOOR ACCESS RACK, 108		1250		20A,1P	B	20A,1P		800		SPARE	10
11	FIRE ALARM CONTROL PANEL			650	20A,1P	C	20A,1P			599	SPARE	12
13	N. ENTRY 100B - HNDCPD DOOR 1	1350			20A,1P	A	20A,1P	1350			SPACE	14
15	W. ENTRY 100A - HNDCPD DOOR 1		1350		20A,1P	B	20A,1P		1350		SPACE	16
17	NETWORK RACK 3, 108			2350	30A,2P	C	30A,1P			400	SPACE	18
19		2350				A	30A,1P	0			SPACE	20
21	SPARE		0		20A,1P	B	20A,1P		0		SPACE	22
23	SPARE			0	20A,1P	C	20A,1P			0	SPACE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
		6850	3400	5350	PHASE SUB TOTAL			4500	3150	3349		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	400	400	R
R	400	500	R
L	2350	2350	L
L	2350	2350	L
L	1250	400	R
L	650	599	L
M	1012.5	1012.5	M
M	1012.5	1012.5	M
	2350	200	R
	2350		

DIVERSIFIED LOAD (W)	
TOTAL A	9875
TOTAL B	4575
TOTAL C	8499
TOTAL	22949

CONNECTED LOAD (W)	9223

CURRENT (A)	
TOTAL A	34
TOTAL B	16
TOTAL C	30
TOTAL	80

LS2L1

LOCATION:	ELECTRICAL 220	BUS/MAIN:	100A MLO / 100A BUS
MOUNTING:	SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/227V 3ø4W	FED FROM:	LS1LDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	NETWORK RACK 1, ELEC 220	1578			30A,2P	A	30A,2P	1578			NETWORK RACK 1, ELEC 220	2
3			1578			B			1578			4
5	RECEPTS - ELEC 220			555	20A,1P	C	20A,1P			600	ELEV E100 - CAB LIGHTS	6
7	ADA DOOR OPERATORS, 201	878			20A,1P	A	20A,1P	878			ADA DOOR OPERATORS, 201	8
9	SPARE		0		20A,1P	B	20A,1P		0		SPARE	10
11	SPARE			0	20A,1P	C	20A,1P			0	SPARE	12
13	SPARE	0			20A,1P	A	20A,1P	0			SPARE	14
15	SPARE		0		20A,1P	B	30A,1P		0		SPARE	16
17	SPARE			0	1P	C	1P			0	SPACE	18
19	SPACE	0			1P	A	1P	0			SPACE	20
21	SPACE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
		2456	1578	555	PHASE SUB TOTAL			2456	1578	600		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	1578	789	R
L	1578	789	R
R	277.5	600	L
M	658.5	658.5	M

DIVERSIFIED LOAD (W)	
TOTAL A	3684
TOTAL B	2367
TOTAL C	878
TOTAL	6929

CONNECTED LOAD (W)	9223

CURRENT (A)	
TOTAL A	13
TOTAL B	8
TOTAL C	3
TOTAL	24

NOTES:
A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.
B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
20A - 100A: TYPE FA - SINGLE POLE = 1.5"
20A - 100A: TYPE FA - 2 POLE = 3.0"
20A - 100A: TYPE FC - 3 POLE = 4.5"
70A - 225A: TYPE QB - 3 POLE = 4.5"
300A - 600A: TYPE LC - 3 POLE = 7.5"
300A - 800A: TYPE MJ - 3 POLE = 9.0"
800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0"
(UNLESS OTHERWISE NOTED)
C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXMIATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.
D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).
E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

GENDP
800A MCB, 800A BUS
480/277 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)
NEMA 3R ENCLOSURE

SB1HDP 450A, 3P LSIG	LS1HDP 275A, 3P LSIG
SPARE 50A, 3P	SPARE 100A, 3P
SPARE 60A, 3P	
	SPARE 200A, 3P, LSIG
SPACE 30A, 3P	SPACE 50A, 3P
SPACE 90A, 3P	SPACE 30A, 3P
S/N	800A, 3P MAIN BREAKER, LSIG

4" CONCRETE HOUSEKEEPING PAD

4 GENDP LAYOUT
SCALE: NO SCALE

NOTES:
A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.
B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
20A - 100A: TYPE FA - SINGLE POLE = 1.5"
20A - 100A: TYPE FA - 2 POLE = 3.0"
20A - 100A: TYPE FC - 3 POLE = 4.5"
70A - 225A: TYPE QB - 3 POLE = 4.5"
300A - 600A: TYPE LC - 3 POLE = 7.5"
300A - 800A: TYPE MJ - 3 POLE = 9.0"
800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0"
(UNLESS OTHERWISE NOTED)
C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXMIATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.
D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).
E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

UT1HMDP
4000A MCB, 4000A BUS
480/277 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)
NEMA 3R ENCLOSURE

METERING PACKAGE	FREIGHT ELEVATOR 50A, 3P
PANEL SB1REF1 VIA TRANSFORMER SB1REF1-T 70A, 3P	PUBLIC ELEVATOR ELEV-2 60A, 3P
DOCK DUMPSTERS 60A, 3P	PANEL SB1HDP 450A, 3P, LSIG
PANEL LS1HDP 275A, 3P, LSIG	SPARE 200A, 3P, LSIG
SPARE 30A, 3P	SPARE 50A, 3P
SPARE 90A, 3P	SPARE 30A, 3P
S/N	4000A, 3P MAIN BREAKER, LSIG

4" CONCRETE HOUSEKEEPING PAD

3 UTHMDP LAYOUT
SCALE: NO SCALE

NOTES:
A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.
B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
20A - 100A: TYPE FA - SINGLE POLE = 1.5"
20A - 100A: TYPE FA - 2 POLE = 3.0"
20A - 100A: TYPE FC - 3 POLE = 4.5"
70A - 225A: TYPE QB - 3 POLE = 4.5"
300A - 600A: TYPE LC - 3 POLE = 7.5"
300A - 800A: TYPE MJ - 3 POLE = 9.0"
800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0"
(UNLESS OTHERWISE NOTED)
C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXMIATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.
D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).
E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

LS1DP
250A
208Y/120 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)

METERING PACKAGE	PANEL LS1L1 100A, 3P
PANEL LS2L1 100A, 3P	PANEL GEN1, 100A, 2P
SPARE 100A, 3P	SPACE 30A, 3P
SPARE 40A, 3P	SPACE, 3P
SPACE, 3P	SPACE, 3P
SPACE, 3P	SPACE, 3P
S/N	225A, 3P MAIN BREAKER, LSIG

4" CONCRETE HOUSEKEEPING PAD

2 LS1DP LAYOUT
SCALE: NO SCALE

NOTES:
A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.
B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
20A - 100A: TYPE FA - SINGLE POLE = 1.5"
20A - 100A: TYPE FA - 2 POLE = 3.0"
20A - 100A: TYPE FC - 3 POLE = 4.5"
70A - 225A: TYPE QB - 3 POLE = 4.5"
300A - 600A: TYPE LC - 3 POLE = 7.5"
300A - 800A: TYPE MJ - 3 POLE = 9.0"
800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0"
(UNLESS OTHERWISE NOTED)
C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXMIATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.
D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).
E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

LS1HDP
400A
480/277 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)

METERING PACKAGE	PANEL LS2H1 100A, 3P
PANEL 60A, 3P	SPARE 20A, 3P
PANEL LS1LDP VIA TRANSFORMER LS1DP-T 110A, 3P	SPACE, 3P
SPACE, 3P	SPACE, 3P
SPACE, 3P	SPACE, 3P
SPACE, 3P	SPACE, 3P
S/N	275A, 3P MAIN BREAKER, LSIG

4" CONCRETE HOUSEKEEPING PAD

1 LS1HDP LAYOUT
SCALE: NO SCALE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CASEY · 029076 · LICENSED PROFESSIONAL ENGINEER

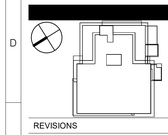
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE:
SHEET NAME: PANEL SCHEDULES
SHEET NUMBER: E-405

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:

A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.

B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
- 20A - 100A: TYPE FA - SINGLE POLE = 1.5"
- 20A - 100A: TYPE FA - 2 POLE = 3.0"
- 20A - 100A: TYPE FC - 3 POLE = 4.5"
- 70A - 225A: TYPE QB - 3 POLE = 4.5"
- 300A - 600A: TYPE LC - 3 POLE = 7.5"
- 300A - 800A: TYPE MJ - 3 POLE = 9.0"
- 800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0" (UNLESS OTHERWISE NOTED)

C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXIMATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.

D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).

E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

SB1LDP
800A
208Y/120 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)

METERING PACKAGE	SB1LB1 400A, 3P, LSIG ETR BAKERY PANEL B1
SB1L2 100A, 3P	SB1L3 100A, 3P
SB2LK1 800A, 3P, LSIG	SB2LK2 800A, 3P, LSIG
SB2LK3 100A, 3P	SB1CPL 100A, 3P
SB2L1 200A, 3P	SB2LK4 100A, 3P
SB1L1 150A, 3P	SB2LK5 200A, 3P
SPARE 90A, 3P	SPARE 30A, 3P
SPARE 60A, 3P	
S/N	800A, 3P MAIN BREAKER

4" CONCRETE HOUSEKEEPING PAD

1 SD1LDP LAYOUT
SCALE: NO SCALE

SB2L1

LOCATION: ELECTRICAL 220 | BUS/MAIN: 200A MCB / 200A BUS
MOUNTING: SURFACE | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1LDP
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	RECEPTS - DINNING 200	800			20A,1P*	A	20A,1P*	1000			RECEPTS - STAIR 598, ROOF	2
3	RECEPTS - DINNING 200		1400		20A,1P*	B	20A,1P*		1400		RECEPTS - MECH MEZZANINE	4
5	RECEPTS - DINNING 200			1000	20A,1P*	C	20A,1P*			1600	RECEPT - DINNING 200	6
7	RECEPTS - DINNING 200	1400			20A,1P*	A	20A,1P*	1400			RECEPT - DINNING 200	8
9	RECEPTS - DINNING 200		1400		20A,1P*	B	20A,1P*		1200		RECEPT - DINNING 200	10
11	RECEPTS - 201, 202, 204			1000	20A,1P*	C	20A,1P*			200	RECEPT AT TOP OF E100 SHAFT	12
13	EWC @ CORR 200B	1600			20A,1P*	A	20A,1P*	1000			RECEPT - DINNING 200	14
15	RECEPTS - 205		1600		20A,1P*	B	20A,1P*		1600		RECEPT - DISHWASH, 206	16
17	RECEPTS - 208			1000	20A,1P*	C	20A,1P*			1600	RECEPT - 210, 221	18
19	RECEPTS - 209, 209A	600			20A,1P*	A	20A,1P*	800			BOILER / PUMP RM 434	20
21	RECEPTS - AT GENERATOR		200		20A,1P*	B	20A,1P*		800		RECEPTS - PLATFORM	22
23	RECEPTS - 220			1200	20A,1P*	C	20A,1P*			1200	ELEV - E100 CNTRL CKT PWR	24
25	GLYCOL FEED GF-2	350			15A,1P	A	20A,1P	300			MEZZANINE UH-1, UH-2, UH-3	26
27	SPARE		0		15A,2P	B	20A,1P		0		SPARE	28
29				0		C				0		30
31	120V LTS - DINNING 200	495			20A,1P	A	20A,1P	250			VAV XFRMR - S. DINNING 200	32
33	KIOSKS - N. ENTRY 201		400		20A,1P	B	20A,1P		250		VAV XFRMR - JC 304	34
35	CORR E-200B - EWC			800	20A,1P	C	20A,1P			250	VAV XFRMR - W. DINNING 200	36
37	TOIL 204 - FAUCET XFMR	200			20A,1P	A	20A,1P	250			VAV XFRMR - N. DINNING 200	38
39	TOIL 202 - FAUCET XFMR		200		20A,1P	B	20A,1P		860		KEF-4	40
41	CUH-E1, CUH-E2, CUH-E3			0	20A,1P	C	20A,1P			756	EF-4	42
43	SPARE	0			20A,1P	A	20A,1P	0			SPARE	44
45	SPARE		0		20A,1P	B	20A,1P		0		SPARE	46
47	SPARE			0	20A,1P	C	20A,1P			0	SPARE	48
49	SPACE	0			1P	A	1P	0			SPACE	50
51	SPACE		0		1P	B	1P		0		SPACE	52
53	SPACE			0	1P	C	1P			0	SPACE	54
*-GFCI TYPE		5445	5200	5000	PHASE SUB TOTAL			5000	6110	5606		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	400	500	R
R	700	700	R
R	500	800	R
R	700	700	R
R	700	600	R
R	500	100	R
M	1200	500	R
R	800	800	R
R	500	800	R
R	300	400	R
R	100	400	R
R	600	1200	L
M	262.5	225	M
L	495	125	R
R	200	125	R
R	400	125	R
R	100	125	R
R	100	645	M
		567	M

DIVERSIFIED LOAD (W)

TOTAL A	6033
TOTAL B	5870
TOTAL C	6092
TOTAL	17995

CONNECTED LOAD (W) | 35757

CURRENT (A)

TOTAL A	29
TOTAL B	28
TOTAL C	29
TOTAL	87

SB1CPL

LOCATION: COMPUTER LAB 101 | BUS/MAIN: 2500A MCB / 2500 BUS
MOUNTING: RECESSED | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1HDP VIA SB1LDP - T
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM W/CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	EXISTING	42699				A			9554			2
3	BAKERY PANEL SB1LB1 (FORMERLY NAMED B1)		42699			B	150A,3P		9581		SB1L1	4
5				42699		C				8738		6
7		4100				A			3142			8
9	SB1L2		6300		100A,3P	B	100A,3P		3432		SB1L3	10
11				6300		C				3376		12
13		11221				A		0				14
15	SB2LK5		11984		200A,3P	B	90A,3P		0		SPARE	16
17				9544		C				0		18
19		1400				A		6033				20
21	SB1CPL		600		100A,3P	B	200A,3P		5870		SB2L1	22
23				600		C				6050		24
25		37385				A		38637				26
27	SB2LK1		41045		800A,3P	B	800A,3P		48645		SB2LK2	28
29				40353		C				50823		30
31		4270				A		3840				32
33	SB2LK3		3470		100A,3P	B	100A,3P		2445		SB3LK4	34
35				3065		C				1880		36
37		0				A		0				38
39	SPARE		0		60A,3P	B	*20A,3P		0		SPARE	40
41				0		C				0		42
43	SPARE	0			20A,1P	A		0				44
45	SPARE		0		20A,1P	B	*20A,3P		0		SPARE	46
47	SPARE			0	20A,1P	C				0		48
49	SPARE	0			20A,1P	A	1P	0			SPACE	50
51	SPARE		0		20A,1P	B	1P		0		SPACE	52
53	SPACE			0	1P	C	1P			0	SPACE	54
*- GFCI TYPE		101075	106098	102561	PHASE SUB TOTAL			61206	69973	70867		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	42699	9554	L
L	42699	9581	L
L	42699	8738	L
L	4100	3142	L
L	6300	3432	L
L	6300	3376	L
L	11221		L
L	11984		L
L	9544		L
L	1400	6033	L
L	600	5870	L
L	600	6050	L
L	37385	38637	L
L	41045	48645	L
L	40353	50823	L
L	4270	3840	L
L	3470	2445	L
L	3065	1880	L
			M
			M
			M
			M
			M
			M

DIVERSIFIED LOAD (W)

TOTAL A	176071
TOTAL B	173428
TOTAL C	173428
TOTAL	511780

CONNECTED LOAD (W) | 511780

CURRENT (A)

TOTAL A	564
TOTAL B	612
TOTAL C	602
TOTAL	1778

SB1CPL

LOCATION: 100A MCB / 100A BUS
MOUNTING: SURFACE | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1LDP
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	RECEPTS - LAB 101	600			20A,1P	A	20A,1P	1200			RECEPTS - LAB 101	2
3	RECEPTS - LAB 101		600		20A,1P	B	20A,1P		400		RECEPTS - LAB 101	4
5	RECEPTS - LAB 101			400	20A,1P	C	20A,1P			800	RECEPTS - LAB 101	6
7	RECEPTS - LAB 101	400			20A,1P	A	20A,1P	600			RECEPTS - LAB 101	8
9	RECEPTS - CLOS 101A		200		20A,1P	B	20A,1P		0		SPARE	10
11	SPARE			0	20A,1P	C	20A,1P			0	SPARE	12
13	SPARE	0			20A,1P	A	20A,1P	0			SPARE	14
15	SPARE		0		20A,1P	B	20A,1P		0		SPARE	16
17	SPARE			0	20A,1P	C	20A,1P			0	SPARE	18
19	SPACE	0			1P	A		0				20
21	SPACE		0		1P	B	60A,1P		0		SPD / TVSS	22
23	SPACE			0	1P	C				0		24
*-GFCI TYPE		1000	800	400	PHASE SUB TOTAL			1800	400	800		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	300	600	R
R	300	200	R
R	200	400	R
R	200	300	R
R	100		

DIVERSIFIED LOAD (W)

TOTAL A	1400
TOTAL B	600
TOTAL C	600
TOTAL	2600

CONNECTED LOAD (W) | 5200

CURRENT (A)

TOTAL A	7
TOTAL B	3
TOTAL C	3
TOTAL	13

SB1L1

LOCATION: FIRST FLR MECHANICAL | BUS/MAIN: 150A MCB / 150 BUS
MOUNTING: SURFACE | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1LDP
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	RECEPTS - NETWORK RM. 108	1000			20A,1P	A	20A,1P	800			RECEPTS - ELEC RM 602	2
3	RECEPTS - MECH 432		1200		20A,1P	B	*20A,1P		1200		RECEPTS - MECH 432	4
5	DOMESTIC HW PUMP DP-1			375	20A,1P	C	20A,1P			375	DOMESTIC HW PUMP DP-2	6
7	DOMESTIC HW PUMP DP-3	275			20A,1P	A	*15A,1P	350			GLYCOL FEED PUMP GF-1	8
9	HK-1		2725		30A,2P	B	30A,2P		2725		HK-2	10
11				2725		C				2725		12
13	HK-3	2725			30A,2P	A	30A,2P	2725			HK-4	14
15			2725			B			2725			16
17	HK-5			2725	30A,2P	C	30A,2P			2725	HK-6	18
19		2725				A		2725				20
21	UH-4 AT PUMP ROOM		275		15A,1P	B	*20A,1P		0		SPARE	22
23	SPARE			0	*20A,1P	C	*20A,1P			0	SPARE	24
25	SPARE	0			20A,1P	A	20A,1P	0			SPARE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
31		0				A		0				32
33			0			B			0			34
35				0		C				0		36
37		0				A		0				38
39			0			B			0			40
41				0		C				0		42
*-GFCI TYPE		6725	6925	5825	PHASE SUB TOTAL			6600	6650	5825		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	500	400	R
R	600	600	R
M	281.25	281.25	M
M	206.25	262.5	M
M	2043.75	2043.75	M
M	2043.75	2043.75	M
M	2043.75	2043.75	M
M	2043.75	2043.75	M
M	2043.75	2043.75	M
M	206.25		M

DIVERSIFIED LOAD (W)

TOTAL A	9544
TOTAL B	9581
TOTAL C	8738
TOTAL	27863

CONNECTED LOAD (W) | 38550

CURRENT (A)

TOTAL A	33
TOTAL B	33
TOTAL C	30
TOTAL	97

SB2LK1 (SECT 1)

LOCATION: KITCHEN 205 | BUS/MAIN: 800A MCB / 800A BUS
MOUNTING: SURFACE | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1LDP
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	WALK-IN COOLR, FRZR, RM 207	1600			20A,1P	A	20A,1P	1600			WALK-IN COOLR, FRZR, RM 207	2
3	WALK-IN FRZR, FRZR, RM 207		1600		20A,1P	B	20A,1P		1600		WALK-IN FRZR, FRZR, RM 207	4
5	COOLR, DOOR HTRS, RM 207			1600	20A,1P	C	20A,1P			1600	COOLR, DOOR HTRS, RM 207	6
7	FREEZER EVAP	104			20A,2P	A	25A,2P	216			COOLER EVAP	8
9			104			B			216			10
11	FREEZER EVAP DEFROST			950	20A,2P	C	20A,1P			112	COOLER EVAP DEFROST	12
13		950				A	20A,3P	1387				14
15	ICE MAKER, RM 208		1289		*20A,2P	B			1387		AGITATING POT SINK, 205	16
17				1289		C				1387		18
19	4 DRAWER FRZR, RM 205	924			*20A,1P	A	*20A,1P	280			UNDR CNTER R'FRIG, RM 205	20
21	WEST WORK TABLE, RM 205		1600		*20A,1P	B	*20A,1P		1600		EAST WORK TABLE, RM 205	22
23	4 DRAWER R'FIG, RM 205			280	*20A,1P	C	*20A,1P			280	2 DOOR R'FIG, RM 205	24
25	VACUUM SEALER MACHINE	1440			*20A,1P	A	20A,1P	1920			EXHAUST HOOD, RM 205	26
27	EXHAUST HOOD, RM 205		1920		20A,1P	B	20A,1P		1920		EXHAUST HOOD, RM 205	28
29	HOOD CONTROL PNL, RM 205			1440	20A,1P	C	20A,1P			1920	HOOD ANSUL PANEL, RM 205	30
31	FRYER DUMP STATION	720			*20A,1P	A	*20A,1P	290			GRIDDLE R'FRIG BASE	32
33	HOLD OVEN / SMOKER		3250		*40A,2P	B	20A,2P		220		FRZR EVAP, UNIT B81.1	34
35				3250		C				220		36
37	DROP-IN HOT/COLD PAN	1900			20A,2P	A	20A,2P	1900			DROP-IN HOT/COLD PAN	38
39			1900			B			1900			40
41	DROP-IN HOT/COLD PAN			1900	20A,2P	C	20A,2P			1900	DROP-IN HOT/COLD PAN	42
43		1900				A		1900				44
45	SCALES AT RECEIVING		200		*20A,1P	B	20A,1P		400		FLATSCREEN DISPLAY - PIZZA OVEN	46
47	SPARE			0	20A,1P	C	20A,1P			0	SPARE	48
49		930				A	20A,1P	0			SPARE	50
51	REACH IN FREEZER		930		*20A,3P	B	20A,1P		0		SPARE	52
53				930		C	20A,1P			0	SPARE	54
*-GFCI TYPE		10468	12793	11639	PHASE SUB TOTAL			9493	9243	7419		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	1600	1600	L
L	1600	1600	L
L	1600	1600	L
M	78	162	M
M	78	162	M
L	950	112	L
L	950	1040.25	M
M	966.75	1040.25	M
M	966.75	1040.25	M
R	462	140	R
R	800	800	R
R	140	140	R
R	720	1440	M
M	1440	1440	M
L	1440	1440	M
R	360	290	L
L	3250	220	L
L	3250	220	L
L	1900	1900	L
L	1900	1900	L
L	1900	1900	L
R	100	200	R
R	465		
R	465		
R	465		

DIVERSIFIED LOAD (W)

TOTAL A	12642
TOTAL B	17197
TOTAL C	16699
TOTAL	46538

CONNECTED LOAD (W) | 61055

CURRENT (A)

TOTAL A	61
TOTAL B	83
TOTAL C	80
TOTAL	224

SB1L2

LOCATION: DRY STORAGE 114B | BUS/MAIN: 100A MCB / 100 BUS
MOUNTING: RECESSED | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB1LDP
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
1	RECEPTS - 118, 121	1600			20A,1P	A	20A,1P	1400			RECEPTS - 127, 128	2
3	RECEPTS - 116, 116A		1200		20A,1P	B	20A,1P		1600		RECEPTS - 116, 128	4
5	RECEPTS - 126, 127			1600	20A,1P	C	20A,1P			1200	RECEPTS - 125, 126	6
7	RECEPTS - 117, 118	1600			20A,1P	A	20A,1P	1400			RECEPTS - 117, 118	8
9	RECEPTS - 124, 125		1600		20A,1P	B	20A,1P		1200		RECEPTS - 123, 124	10
11	RECEPTS - 119, 120			1600	20A,1P	C	20A,1P			1200	RECEPTS - 119, 120	12
13	RECEPTS - 122, 123	1600			20A,1P	A	20A,1P	600			RECEPTS - 122	14
15	EXG UNIDENTIFIED LOAD		1750		20A,1P	B	20A,1P		1750		EXG UNIDENTIFIED LOAD	16
17	EXG UNIDENTIFIED LOAD			1750	20A,1P	C	20A,1P			1750	EXG UNIDENTIFIED LOAD	18
19	SPARE	0			*20A,1P	A	20A,1P	250			VAV XFRMR - N. CORR C118	20
21	SPARE		0		*20A,1P	B	20A,1P		250		VAV XFRMR - N. CORR C118	22
23	SPARE			0	20A,1P	C	20A,1P			0	SPARE	24
25	SPARE	0			20A,1P	A	20A,1P	0			SPARE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
31	SPACE	0			1P	A	1P	0			SPACE	32
33	SPACE		0		1P	B	1P		0		SPACE	34
35	SPACE			0	1P	C	1P			0	SPACE	36
37	SPACE	0			1P	A	1P	0			SPACE	38
39	SPACE		0		1P	B	1P		0		SPACE	40
41	SPACE			0	1P	C	1P			0	SPACE	42
*-GFCI TYPE		4800	4550	4950	PHASE SUB TOTAL			3650	4800	4150		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

DIVERSIFIED LOAD (W)

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	500	700	R
R	600	800	R
R	800	600	R
R	800	700	R
R	800	600	R
R	800	600	R
R	800	300	R
L	1750	1750	L
L	1750	1750	L
		125	R
		125	R

DIVERSIFIED LOAD (W)

TOTAL A	4225
TOTAL B	6425
TOTAL C	6300
TOTAL	16950

CONNECTED LOAD (W) | 26900

CURRENT (A)

TOTAL A	15
TOTAL B	22
TOTAL C	22
TOTAL	59

SB2LK1 (SECT 2)

LOCATION: KITCHEN 205 | BUS/MAIN: 800A MCB / 800A BUS
MOUNTING: RECESSED | FEEDER: SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE: 208Y/120V 3Ø4W | FED FROM: SB2LK1 SECTION 1
MIN AIC RATING: 22,000 | ACCESSORIES: DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT	CKT #
55		7333				A			7333			56
57	INDUCTION RANGE, RM 205		7333		90A,3P	B	90A,3P			7333	INDUCTION RANGE, RM 205	58
59				7333		C				7333		60
61		1567				A	20A,1P	1440			COOLER ASSEMBLY, UNIT B85	62
63	BLAST CHILLER FREEZE, RM 205		1567		20A,3P	B	20A,1P		1440		FRZER ASSEMBLY UNIT B85	64
65				1567		C	20A,1P			1439	DLR, FRZR FOOR CONNECT UNITS B81	66
67	FRZR TEMP CONTROLS PANEL	1600			20A,1P	A	20A,1P	1600			DOOR CONNECT, RM 502	68
69	FRZR / COOLR LIGHTS		400		20A,1P	B	*20A,1P		1670		EVAP DRFROST COIL, UNIT B85	70
71	MEAT SLICER			670	*20A,1P	C	*20A,1P			1900	PREP TABLE RECEPTS	72
73	FOOD CUTTER	1500			*20A,1P	A	*20A,1P	1345			FOOD PROCESSOR	74
75	BAR BLENDER		1600		*20A,1P	B	*20A,1P		1600		WORK TABLE WITH RECEPTS	76
77	OVERSHELF, RM 205			1600	*20A,1P	C	*20A,1P			1600	OVERSHELF, RM 205	78
79	OVERSHELF, RM 205	1600			*20A,1P	A	*20A,1P	400			RECPT - COMPRESSOR RACK	80
81	DROP-IN HOT/COLD PAN		1900		20A,2P	B	*20A,1P		800		DEEP FRYER - 120V CONNECTION	82
83				1900		C	*20A,1P			1200	EVAP DEFROST CTRL, UNIT 85.1	84
85	TOILET 209: EF-3	300			20A,1P	A	20A,2P	220			COOLER EVAP, UNIT 85.1	86
87	DISH ROOM ACCUMULATOR		686		15A,2P	B			220			88
89				686		C	*15A,2P			343	ACCUMULATOR WASTE COLLECTOR	90
91	ACCUMULATOR LIGHTS	400			*20A,1P	A			343			92
93	SPARE		0		20A,1P	B	20A,1P		0		SPARE	94
95	SPARE			0	20A,1P	C	20A,1P			0	SPARE	96
97	SPARE	0			20A,1P	A	20A,1P	0			SPARE	98
99	SPACE		0		1P	B	1P		0		SPACE	100
101	SPACE			0	1P	C	1P			0	SPACE	102
103	SPACE	0			1P	A	1P	0			SPACE	104
105	SPACE		0		1P	B	1P		0		SPACE	106
107	SPACE			0	1P	C	1P			0	SPACE	108
*-GFCI TYPE		14300	11886	13756	PHASE SUB TOTAL			12681	13063	13815		

LOAD TYPE KEY

L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS

LOAD TYPE	LEFT	RIGHT	LOAD TYPE
L	7333	7333	L
L	7333	7333	L
L	7333	7333	L
L	1567	1440	L
L	1567	1440	L
L	1567	1439	L
L	1600	1600	L
L	400	1670	L
R	335	950	R
R	750	672.5	R
R	800	800	R
R	800	800	R
R	800	200	R
M	1425	400	R
M	1425	900	M
M	225	165	M
M	514.5	165	M
M	514.5	257.25	M
L	400	257.25	M

DIVERSIFIED LOAD (W)

TOTAL A	24343
TOTAL B	23848
TOTAL C	23654
TOTAL	71844

LOAD CENTER BY KEC, PANEL FEEDER AND ASSOCIATED CONNECTIONS BY E-CONTRACT

SB2LK5

LOCATION:	KULTURE TRIP CABINET	BUS/MAIN:	200A MCB / 200A BUS
MOUNTING:	CUSTOM	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	SB1LDP
MIN AIC RATING:	10,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	RECEPTS - SERVING COUNTER	1092			*20A,1P	A	*20A,1P	972			REACH-IN FREEZER, RM 205	2
3	HOT / COLD DROP-IN		1500		20A,2P	B	*20A,2P		354		HOT / COLD DROP-IN	4
5	ITEM C89.4			1500		C				354	ITEM C89.2	6
7	HOT / COLD DROP-IN	1500			20A,2P	A	20A,2P	1500			HOT / COLD DROP-IN	8
9	ITEM C89.5		1500			B			1500		ITEM C89.9	10
11	HOT / COLD DROP-IN			1250	20A,2P	C	20A,2P			1500	HOT / COLD DROP-IN	12
13	ITEM C89.15	1250				A		1500			ITEM C89.16	14
15	HOT / COLD DROP-IN		1250		20A,2P	B	20A,2P		1500		HOT / COLD DROP-IN	16
17	ITEM C89.17			1250		C				1500	ITEM C89.18	18
19	HOT / COLD DROP-IN	1500			*20A,1P	A	*20A,1P	1270			REFRIG PREP TABLE C89.6	20
21	ITEM C89.9		1500		*20A,1P	B	*20A,1P		980		SHIELD W/HEAT & LIGHT C89.12	22
23	HOT / COLD DROP-IN			1500	*20A,1P	C	*20A,1P			410	DROP-IN SOUP WELL	24
25	ITEM C89.21	1500			*20A,1P	A	*20A,1P	0			SPARE	26
27	RICE/GRAIN COOKER, ITEM 90		1500		*20A,1P	B	*20A,1P		800		RECEPTS - SERVING COUNTER	28
29	REFRIG. PREP TABLE C-89.22			560	15A,1P	C	15A,1P			0	SPARE	30
*-GFCI TYPE		6842	7250	6060	PHASE SUB TOTAL		5242	5134	3764			

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	546	972	L
L	1500	354	L
L	1500	354	L
L	1500	1500	L
L	1500	1500	L
L	1250	1500	L
L	1250	1500	L
L	1250	1500	L
L	1250	1500	L
L	1500	952.5	M
L	1500	980	L
L	1500	410	L
L	1500		R
L	1500	400	R
R	280		

DIVERSIFIED LOAD (W)	
TOTAL A	11221
TOTAL B	11984
TOTAL C	9544
TOTAL	32749

CONNECTED LOAD (W) 34292

CURRENT (A)	
TOTAL A	54
TOTAL B	58
TOTAL C	46
TOTAL	157

SB1REF1 (EXG TO REMAIN PANEL, FORMERLY NAMED "REF")

LOCATION:	KULTURE TRIP CABINET	BUS/MAIN:	150A MCB / 225A BUS
MOUNTING:	EXG SURFACE	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	UT1HDP VIA TRANSFORMER SB1REF1-T
MIN AIC RATING:	10,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	WALK-IN COOLER - CONDENSOR	EXG			20A,2P	A	20A,2P	EXG			WALK-IN COOLER - CONDENSOR	2
3			EXG			B			EXG			4
5	WALK-IN COOLER - EVAPORATOR			EXG	15A,2P	C	15A,2P			EXG	WALK-IN COOLER - EVAPORATOR	6
7		EXG				A		EXG				8
9	WALK-IN FRZR - CONDENSOR		EXG		40A,2P	B	20A,1P		EXG		BAKERY SUMP PUMP	10
11				EXG		C	20A,1P			EXG	BAKERY SUMP PUMP	12
13	WALK-IN FRZR - EVAPORATOR	EXG			20A,1P	A	20A,1P	EXG			SPARE	14
15			EXG		20A,1P	B	20A,1P		EXG		CARD READER POWER	16
17	WALK-IN COOLER - CONDENSATE PUMP			EXG	20A,1P	C	20A,1P			EXG	CARD READER POWER	18
19	WALK-IN FRZR - HEAT TRACE	EXG			20A,1P	A	20A,1P	EXG			WALK-IN COOLER/FRZR LIGHTS	20
21	RECPT AT SMALL GENERATOR		EXG		20A,1P	B	1P		0		SPACE	22
23	BAKERY COOLER LIGHTS			EXG	20A,1P	C	1P			0	SPACE	24
25	SMALL GENERATOR HEATER	EXG			20A,1P	A	1P	0			SPACE	26
27	IT CLOSET 138 SPLIT SYSTEM		936		15A,2P	B	20A,1P		1270		ELECTRIC ROOM 220 SPLIT	28
29	ACCU-1, AC-1			936		C				1270	SYSTEM ACCU-2, AC-2	30
31	SPACE	0				A		0			SPACE	32
33	SPACE		0			B			0		SPACE	34
35	SPACE			0		C				0	SPACE	36
37	SPACE	0				A		0			SPACE	38
39	SPACE		0			B			0		SPACE	40
41	SPACE			0		C				0	SPACE	42
*-GFCI TYPE			936	936	PHASE SUB TOTAL				1270	1270		

EXISTING TO REMAIN PANEL, E-CONTRACT TO PROVIDE NEW BREAKERS INDICATED ON EQUIPMENT CONNECTION SCHEDULE

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.	EXG.	
	EXG.		
	EXG.		
M	702	952.5	M
M	702	952.5	M

DIVERSIFIED LOAD (W)	
TOTAL A	0
TOTAL B	1655
TOTAL C	1655
TOTAL	3309

CONNECTED LOAD (W) 4412

CURRENT (A)	
TOTAL A	
TOTAL B	
TOTAL C	
TOTAL	

LOAD CENTER BY KEC, PANEL FEEDER AND ASSOCIATED CONNECTIONS BY E-CONTRACT

GENERAL NOTES:
A. REFER TO DRAWING E-000 FOR GERNERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS

SB2LK2 (SECT 1)

LOCATION:	KITCHEN 205	BUS/MAIN:	800A MCB / 800A BUS, FEED THRU LUGS
MOUNTING:	RECESSED	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	SB1LDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	RECEPTS - WORK TABLE RM 205	800			*20A,1P	A	*20A,1P	870			REACH-IN FREEZER, RM 205	2
3	REACH-IN R'FRIG, RM 205		930		*20A,1P	B	*20A,1P		800		RECEPTS - WORK TABLE RM 205	4
5	UNDR COUNTER R'FRIG, RM 205			280	*20A,1P	C	*20A,1P			1900	HEATED HOLDING CABINET	6
7		6043				A	*20A,1P	1900			HEATED HOLDING CABINET	8
9	PIZZA HEARTH OVEN EXHAUST		6043		60A,3P	B	*20A,1P		800		PIZZA PREP STATION	10
11				6043		C	*20A,1P			870	REACH-IN FREEZER, RM 205	12
13		900				A	20A,1P	1900			EXHAUST HOOD, RM 205	14
15	PIZZA HEARTH OVEN EXHAUST		900		20A,3P	B	20A,1P		1900		EXHAUST HOOD, RM 205	16
17				900		C	20A,1P			1900	EXHAUST HOOD CNTRL, RM 205	18
19	DUMP STATION W/ HEAT LAMP	720			*20A,1P	A	20A,1P	800			HOOD ANSUL PANEL	20
21	R'FRGERATED BASE		290		*20A,1P	B	*20A,1P		800		DEEP FRYER 120V CONNECTION	22
23				1800		C				1800		24
25	CHAR BROILER 1	1800			30A,3P	A	30A,3P	1800			CHAR BROILER 2	26
27			1800			B			1800			28
29				7333		C	*20A,1P			1600	RECEPT - WORK TABLE, RM 205	30
31	ELEC RANGE/ OVEN	7333			90A,3P	A	*20A,1P	560			UNDER TABLE REFRIGERATION	32
33			7333			B	20A,1P		870		REACH-IN FREEZER, RM 205	34
35	DESSERT COUNTER COLD PAN 1			630	*20A,1P	C	20A,1P			930	REACH-IN RFRIG, RM 205	36
37	DESSERT FOOD SHIELDS	620			*20A,1P	A	*20A,1P	1600			HYDROPHONICS DISPLAY	38
39	DESSERT DROP-IN SOUP WELLS		820		*20A,2P	B	*20A,1P		650		DESSERT COUNTER COLD PAN 2	40
41				820		C	*20A,1P			300	DESSERT COLD PLATE	42
43	R'FRIG BASE STAND	290			*20A,1P	A	*20A,1P	550			DESSERT UNDR CNTR FREEZER	44
45	UNDER COUNTER REFRIGERATION		560		*20A,1P	B	*20A,1P		1658		REACH-IN FREEZER	46
47	SPARE			0	20A,1P	C	*20A,1P			0	SPARE	48
49	REACH-IN FREEZER	1658			*20A,1P	A	20A,1P	0			SPARE	50
51	SPARE		0		20A,1P	B	20A,1P		0		SPARE	52
53	SPARE			0	20A,1P	C	20A,1P			0	SPARE	54
*-GFCI TYPE		18216	1811	617806	PHASE SUB TOTAL		9430	7530	9300			

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	400	435	R
R	465	400	R
R	140	950	R
L	6043	950	R
L	6043	400	R
L	6043	435	R
M	675	1900	L
M	675	1900	L
M	675	1900	L
R	360	800	L
R	145	400	R
L	1800	1800	L
L	1800	1800	L
L	1800	1800	L
L	7333	800	R
L	7333	280	R
L	7333	435	R
L	472.5	465	R
M	620	1600	L
L	820	280	R
L	300	225	M
L	217.5	412.5	R
M	560	1658	
R	829		

DIVERSIFIED LOAD (W)	
TOTAL A	24996
TOTAL B	22896
TOTAL C	23339
TOTAL	71231

CONNECTED LOAD (W) 80398

CURRENT (A)	
TOTAL A	120
TOTAL B	110
TOTAL C	112
TOTAL	342

SB2LK2 (SECT 2)

LOCATION:	KITCHEN 205	BUS/MAIN:	800A MCB / 800A BUS
MOUNTING:	RECESSED	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	SB2LK2 SECTION 1
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
55	R'FRIGERATED BASE	290			20A,1P	A	*20A,1P	800			REACH - WORK TABLE	56
57	MICROWAVE 1		2000		*20A,2P	B	20A,2P		2000		MICROWAVE 2	58
59				2000		C				2000		60
61	UNDR CNTR R'FRIG	600			20A,1P	A	*50A,1P	4250			INDUCTION RANGE	62
63	INDUCTION RANGE		4250		*50A,2P	B			4250			64
65				4250		C	*20A,1P			1400	WAFFLE MAKER	66
67	TOASTER	180			*20A,1P	A	*20A,1P	240			MILK DISPENSER	68
69	BEV CNTR - FOOD SHIELD		240		*20A,1P	B	*20A,2P		1300		BEV CNTR - ICE MACHINE	70
71	BEV CNTR - WTR DISPENSER - 1			1320	*20A,1P	C				1300		72
73	BEV CNTR - WTR DISPENSER - 2	1560			*20A,1P	A	*20A,1P	1100			BEV CNTR - JUICE DISPENSER 1	74
75	BEC COUNTER W/ RECEPTS		1600		*20A,1P	B	*20A,1P		1100		BEV CNTR - JUICE DISPENSER 1	76
77	COFFEE BREWER 1			3050	*30A,2P	C	*20A,1P			1900	COFFEE BREWER 2	78
79		3050				A	*20A,1P	220			MILK DISPENSER - 1	80
81	ICE / BEVERAGE DISPENSER		1800		*20A,1P	B	*20A,1P		220		MILK DISPENSER - 1	82
83	KULTURE TRIP HOOD ANSUL			200	20A,1P	C	*20A,1P			1550	KULTURE TRIP RICE COOKER	84
85	KULTURE TRIP EXHAUST HOOD	1600			20A,1P	A	*20A,1P	400			RECEPTS - PLATFORM 200A	86
87	KT EXHAUST HOOD CNTRLS		450		20A,1P	B	20A,1P		816		KT BATTERY FRYER CNTRLS	88
89				1553		C	*20A,1P			816	OFG - FRYER CONTROLS	90
91	KT - CHAR BROILER	1553			30A,3P	A	*20A,1P	290			REFRIGERATED BASE	92
93			1553			B			6600			94
95	OFG - HOOD ANSUL			200	20A,1P	C	75A,3P			6600	KT INDUCTION RANGE / OVEN	96
97	OFG - EXHAUST HOOD	1600			20A,1P	A		6600			ITEM C104	98
99	OFG - EXHAUST HOOD CNTRLS		450		20A,1P	B	20A,1P		1920		EXHAUST HOOD, ITEM C97	100
101	SPACE			0	1P	C	20A,1P			1440	EXHAUST HOOD, ITEM C97.1	102
103	SPACE	0			1P	A	20A,1P	0			SPARE	104
105	SPACE		0		1P	B	1P		0		SPACE	106
107	SPACE			0	1P	C	1P			0	SPACE	108
*-GFCI TYPE		8833	11873	12573	PHASE SUB TOTAL		7300	16286	15566			

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
R	145	400	R
L	2000	2000	L
L	2000	2000	L
R	300	4250	L
L	4250	4250	L
L	4250	1400	L
R	90	120	R
L	240	975	M
M	990	975	M
R	780	825	M
R	800	825	M
L	3050	1900	L
L	3050	110	R
R	900	110	R
L	200	1550	L
L	1600	200	R
L	450	816	L
L	1533	816	L
L	1533	217.5	M
L	1533	6600	L
L	200	6600	L
L	1600	6600	L
L	450	1440	M
		1080	M

DIVERSIFIED LOAD (W)	
TOTAL A	13641
TOTAL B	25749
TOTAL C	27484
TOTAL	66874

CONNECTED LOAD (W) 72431

CURRENT (A)	
TOTAL A	66
TOTAL B	124
TOTAL C	132
TOTAL	322

LOAD CENTER BY KEC, PANEL FEEDER AND ASSOCIATED CONNECTIONS BY E-CONTRACT

SB2LK3

LOCATION:	GOOD VIBES UNDER COUNTER CABINET	BUS/MAIN:	100A MCB / 100A BUS
MOUNTING:	CUSTOM	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	SB1LDP
MIN AIC RATING:	22,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	REFRIG PREP TABLES 1&2	1200			*20A,1P	A	*20A,1P	1100			CARVING STATION	2
3	FOOD SHIELD W/ HEAT		970		*20A,1P	B	*20A,1P		1200		REFRIG PREP TABLES 3&4	4
5	REFRIG PREP TABLES 5&6			1200	*20A,1P	C	*20A,1P			980	FOOD SHIELD W/ HEAT	6
7	FOOD SHIELD W/ HEAT	980			*20A,1P	A	*20A,1P	980			FOOD SHIELD W/ HEAT	8
9	DROP-IN SOUP WELL		310		*15A,2P	B	*20A,1P		980		FOOD SHIELD W/ HEAT	10
11				310		C	*20A,1P			1750	RECEPTS - SERVING CNTR	12
13	DROP-IN SOUP WELL	310			*15A,2P	A	*20A,1P	1600			SERVING COUNTER RECPETS	14
15			310			B	*20A,1P		0		SPARE	16
17	SPARE			0	*20A,1P	C	*15A,1P			0	SPARE	18
19	SPARE	0			*15A,1P	A	*15A,1P	0			SPARE	20
21	SPACE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
*-GFCI TYPE		2490	1590	1510	PHASE SUB TOTAL		3680	2180	2730			

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
M	900	1100	L
L	970	900	M
M	900	980	L
L	980	980	L
L	310	980	L
L	310	875	R
L	310	800	R
L	310		

DIVERSIFIED LOAD (W)	
TOTAL A	5070
TOTAL B	3470
TOTAL C	3065
TOTAL	11605

CONNECTED LOAD (W) 14180

CURRENT (A)	
TOTAL A	24
TOTAL B	17
TOTAL C	15
TOTAL	56

LOAD CENTER BY KEC, PANEL FEEDER AND ASSOCIATED CONNECTIONS BY E-CONTRACT

SB2LK4

LOCATION:	SIMPLE PANTRY CABINET	BUS/MAIN:	100A MCB / 100A BUS
MOUNTING:	CUSTOM	FEEDER:	SEE ONE-LINE DIAGRAM
VOLTAGE/PHASE:	208Y/120V 3Ø4W	FED FROM:	SB1LDP
MIN AIC RATING:	10,000	ACCESSORIES:	DOOR IN DOOR TRIM

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	GRIDDLE R'FRIG BASE	480			*20A,1P	A	*20A,1P	1600			RECEPTS - SRVNG CNTR SPL DIET	2
3	CARVING STATION		750		*20A,1P	B	*20A,1P		1560		RICE COOKER	4
5	RECEPT - WORK COUNTER			1600	*20A,1P	C	*20A,1P			280	UNDER CNTR - REFRIG. ITEM C130	6
7	RECEPT - CHEF'S COUNTER	800			*20A,1P	A	*20A,1P	280			UNDER CNTR - REFRIG. ITEM C138	8
9	UNDR CNTR - FRZR. ITEM C139		550		*20A,1P	B	*20A,1P		290		REFRIG GRIDDLE STAND	10
11	SMPL PNTRY - EXHAUST ANSUL			200	*20A,1P	C	*20A,1P			600	DEEP FRYER CONTROLS	12
13	SMPL PNTRY - EXHAUST HOOD	1600			*20A,1P	A	*15A,1P	0			SPARE	14
15	PNTRY - EXHAUST HOOD CNTRLS		450		*20A,1P	B	*15A,1P		0		SPARE	16
17	SPARE			0	*15A,1P	C	*15A,1P			0	SPARE	18
19	SPARE	0			*15A,1P	A	*15A,1P	672			HOT/COLD DROP-IN	20
21	HOT FOOD WELL		946		*15A,1P	B	*20A,2P		1497		HOT/COLD DROP-IN	22
23	ITEM C122.4			946		C				1497	ITEM C122.2H	24
*-GFCI TYPE		2880	2696	2746	PHASE SUB TOTAL		2552	3347	2377			

LOAD TYPE KEY		
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER	
M	(75%) MOTOR	
R	(50%) RECEPTACLE	

LOAD TYPE ASSIGNMENTS			
LOAD TYPE	LEFT	RIGHT	LOAD TYPE
M	360	800	L
R	375	780	M
R	800	140	L
R	400	140	L
R	275	145	L
R	100	300	R
R	800		R
L	450		
		336	R
R	473	748.5	R
R	473	748.5	R

DIVERSIFIED LOAD (W)	
TOTAL A	2836
TOTAL B	3247
TOTAL C	2562
TOTAL	8644

CONNECTED LOAD (W) 16598

CURRENT (A)	
TOTAL A	14
TOTAL B	16
TOTAL C	12
TOTAL	42

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

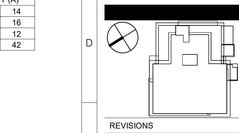
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
PANEL SCHEDULES

SHEET NUMBER:
E-407

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

NOTES:
A. DESIGN AND LAYOUT BASED ON SQUARE 'D' I-LINE DISTRIBUTION SECTIONS. EQUIVALENT MANUFACTRERS: SIEMENS, EATON.

B. FOR PURPOSE OF LAYOUT, FRAME TYPES ARE:
20A - 100A: TYPE FA - SINGLE POLE = 1.5"
20A - 100A: TYPE FA - 2 POLE = 3.0"
20A - 100A: TYPE FC - 3 POLE = 4.5"
70A - 225A: TYPE QB - 3 POLE = 4.5"
300A - 600A: TYPE LC - 3 POLE = 7.5"
300A - 800A: TYPE MJ - 3 POLE = 9.0"
800A - 1200A: TYPE RG,RJ,RL - 3-POLE = 15.0"
(UNLESS OTHERWISE NOTED)

C. BREAKER SIZES INDICATED FOR EXISTING PANELS ARE APPROXIMATE ONLY. EC TO FIELD VERIFY EXISTING PANEL RATINGS AND CONDUCTOR SIZES. ADJUST BREAKER SIZE ACCORDINGLY.

D. TOTAL AVAILABLE MOUNTING SPACE SHALL BE A MINIMUM OF 117". (54" ON LEFT AND 63" RIGHT).

E. ALL UNUSED SPACE SHALL BE FURNISHED WITH FULL LENGTH BUSSING FOR FUTURE PROVISIONS.

SB1HDP
4000A
480/277 VOLT
3 PHASE
4 WIRE
64K AIC (MIN.)

METERING PACKAGE	COUNTERTOP GRIDDLE, RM 103 40A, 3P
DISHWASHER 125A, 3P	BATTERY DEEP FRYER, RM 103 40A, 3P
BATTERY DEEP FRYER, RM 103 40A, 3P	PANEL SB1HB1 200A, 3P, LSIG (ETR BAKERY PANEL HB1)
SB1LDP - T 350A, 3P, LSIG	PANEL SB2HK1 1200A, 3P, LSIG
PANEL SB2H1 600A, 3P, LSIG	PANEL SB1H1 800A, 3P, LSIG
WWHP2DP 400A, 3P, LSIG	WWHP1DP 300A, 3P, LSIG
SB3H1 300A-3P, LSIG	SPARE 60A, 3P
S/N	4000A, 3P MAIN BREAKER LSIG

4" CONCRETE HOUSEKEEPING PAD

1 SB1HDP LAYOUT
SCALE: NO SCALE

SB2HK1 (SECT 1)

LOCATION:	KITCHEN 205
MOUNTING:	RECESSED
VOLTAGE/PHASE:	208Y/120V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	1200A MCB / 1200A BUS FEED THRU
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1HDP
ACCESSORIES:	DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		8300				A		7334				2
3	EXTR COMPRESSOR RACK		8300		40A,3P	B	40A,3P		7334		BATTERY DEEP FRYER, CONN a	4
5				8300		C				7334		6
7		11000				A		7334				8
9	COUNTERTOP GRIDDLE		11000		45A,3P	B	40A,3P		7334		BATTERY DEEP FRYER, CONN b	10
11				11000		C				7334		12
13		9000				A		9000				14
15	60 GAL. TILTING SKILLET		9000		45A,3P	B	40A,3P		9000		40 GAL. TILTING SKILLET	16
17				9000		C				9000		18
19		8026				A		6200				20
21	40 GAL. TILTING SKILLET		8026		40A,3P	B	30A,3P		6200		TOP COMBI-OVEN, EAST	22
23				8026		C				6200		24
25		11000				A		6200				26
27	BOTTOM COMBI-OVEN, WEST		11000		50A,3P	B	30A,3P		6200		TOP COMBI-OVEN, EAST	28
29				11000		C				6200		30
31		11000				A		5343			REFRIGERATION COMPRESSOR RACK	32
33	BOTTOM COMBI-OVEN, EAST		11000		50A,3P	B	30A,3P		5343			34
35				11000		C				5343		36
37						A						38
39	SPARE				15A,3P	B	15A,3P				SPARE	40
41						C						42
43						A						44
45	SPARE				15A,3P	B	15A,3P				SPARE	46
47						C						48
49		0				A		0				50
51	SPARE		0		15A,3P	B	15A,3P		0		SPARE	52
53				0		C				0		54
*-GFCI TYPE		5832	6832	6832	PHASE SUB TOTAL			4141	4141	4141		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
M	6225	7334	L
M	6225	7334	L
M	6225	7334	L
L	11000	7334	L
L	11000	7334	L
L	11000	7334	L
L	9000	9000	L
L	9000	9000	L
L	9000	9000	L
L	8026	6200	L
L	8026	6200	L
L	8026	6200	L
L	11000	6200	L
L	11000	6200	L
L	11000	6200	L
L	11000	4007.25	M
L	11000	4007.25	M
	11000	4007.25	M

DIVERSIFIED LOAD (W)	
TOTAL A	96326
TOTAL B	96326
TOTAL C	96326
TOTAL	288979

CONNECTED LOAD (W) 288979

CURRENT (A)	
TOTAL A	201
TOTAL B	201
TOTAL C	201
TOTAL	602

SB2LK2 (SECT 2)

LOCATION:	KITCHEN 205
MOUNTING:	RECESSED
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	1200A BUS MLO
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SECTION 1
ACCESSORIES:	DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
43	COUNTERTOP GRIDDLE	6000				A		7334			BATTERY DEEP FRYER,	44
45	ITEM C25		6000		30A,3P	B	40A,3P		7334		CONN a ITEM C20	46
47				6000		C				7334		48
49	CONVECTION OVEN - 1	8333				A		7334			BATTERY DEEP FRYER,	50
51	ITEM C26.a		8333		30A,3P	B	40A,3P		7334		CONN a ITEM C20.1	52
53				8333		C				7334		54
55	CONVECTION OVEN - 2	8333				A		7334			KT-BATTERY DEEP FRYER,	56
57	ITEM C26.b		8333		30A,3P	B	40A,3P		7334		CONN a ITEM C100	58
59				8333		C				7334		60
61	KT COUNTER TOP GRIDDLE	9000				A		7334			KT-BATTERY DEEP FRYER,	62
63	ITEM C103		9000		30A,3P	B	40A,3P		7334		CONN b ITEM C100	64
65				9000		C				7334		66
67	OFG - BOTTOM COMBI-OVEN	6233				A		7334			OFG-BATTERY DEEP FRYER,	68
69	ITEM C114		6233		20A,3P	B	40A,3P		7334		CONN a ITEM C116	70
71				6233		C				7334		72
73	OFG - BOTTOM COMBI-OVEN	11000				A		7334			OFG-BATTERY DEEP FRYER,	74
75	ITEM C114.1		11000		40A,3P	B	40A,3P		7334		CONN b ITEM C116	76
77				11000		C				7334		78
79						A					SPARE	80
81	SPARE				15A,3P	B	20A,3P					82
83						C						84
85						A					SPARE	86
87	SPARE				15A,3P	B	15A,3P					88
89						C						90
91						A					SPARE	92
93	SPARE				3P	B	3P					94
95						C						96
*-GFCI TYPE		4889	9489	9489	PHASE SUB TOTAL			4400	4400	4400		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
L	6000	7334	L
L	6000	7334	L
L	6000	7334	L
L	8333	7334	L
L	8333	7334	L
L	8333	7334	L
L	8333	7334	L
L	8333	7334	L
L	9000	7334	L
L	9000	7334	L
L	9000	7334	L
L	6233	7334	L
L	6233	7334	L
L	6233	7334	L
L	11000	7334	L
L	11000	7334	L
L	11000	7334	L
M			M
M			M
M			M
M			M
M			M
M			M
M			M

DIVERSIFIED LOAD (W)	
TOTAL A	92903
TOTAL B	92903
TOTAL C	92903
TOTAL	278709

CONNECTED LOAD (W) 278709

CURRENT (A)	
TOTAL A	194
TOTAL B	194
TOTAL C	194
TOTAL	581

WWHP1DP

LOCATION:	FIRST FLR MECHANICAL EQUIPMENT RM
MOUNTING:	SURFACE
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	300A MCB / 300A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1HDP
ACCESSORIES:	DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		13100				A		1100			CARVING STATION	2
3	WWPH1 - MODULE 1		13100		110A,3P	B	110A,3P		1200		REFRIG PREP TABLES 3&4	4
5				13100		C				980	FOOD SHIELD W/ HEAT	6
7		13100				A		980			FOOD SHIELD W/ HEAT	8
9	WWPH1 - MODULE 3		13100		110A,3P	B	110A,3P		980		FOOD SHIELD W/ HEAT	10
11				13100		C				13100	RECEPTS - SERVING CNTR	12
13	SPARE	0			V	A	20A,1P	0			SERVING COUNTER RECPETS	14
15	SPARE		0		20A,1P	B	20A,1P		0		SPARE	16
17	SPARE			0	20A,1P	C	20A,1P			0	SPARE	18
19	SPARE	0			20A,1P	A	20A,1P	0			SPARE	20
21	SPACE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
25	SPACE	0			1P		1P	0			SPACE	26
27	SPACE		0		1P		1P		0		SPACE	28
29	SPACE			0	1P		1P			0	SPACE	30
31	SPACE	0			1P		1P	0			SPACE	32
*-GFCI TYPE		2620	0262	0262	PHASE SUB TOTAL			2620	0262	0262		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
M	9825	9825	M
M	9825	9825	M
M	9825	9825	M
M	9825	9825	M
M	9825	9825	M

DIVERSIFIED LOAD (W)	
TOTAL A	39300
TOTAL B	39300
TOTAL C	39300
TOTAL	117900

CONNECTED LOAD (W) 157200

CURRENT (A)	
TOTAL A	82
TOTAL B	82
TOTAL C	82
TOTAL	246

SB2LK4

LOCATION:	SECOND FLR BOILER RM
MOUNTING:	CUSTOM
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	400A MCB / 400A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1LDP
ACCESSORIES:	DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		19476				A		19476				2
3	WWPH2 - MODULE 1		19576		175A,3P	B	175A,3P		19576		WWPH2 - MODULE 2	4
5				19476		C				19476		6
7		19476				A		19476				8
9	WWPH2 - MODULE 3		19476		175A,3P	B	175A,3P		19476		WWPH2 - MODULE 4	10
11				19476		C				19476		12
13	SPARE	0			20A,1P	A	20A,1P	0			SPACE	14
15	SPARE		0		20A,1P	B	20A,1P		0		SPACE	16
17	SPARE			0	20A,1P	C	20A,1P			0	SPACE	18
19	SPARE	0			20A,1P	A	20A,1P	0			SPACE	20
21	SPARE		0		1P	B	1P		0		SPACE	22
23	SPACE			0	1P	C	1P			0	SPACE	24
25	SPACE	0			1P	A	1P	0			SPACE	26
27	SPACE		0		1P	B	1P		0		SPACE	28
29	SPACE			0	1P	C	1P			0	SPACE	30
*-GFCI TYPE		3895	2390	5238	PHASE SUB TOTAL			3895	2390	5238		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
M	14607	14607	M
M	14682	14682	M
M	14607	14607	M
M	14607	14607	M
M	14607	14607	M
M	14607	14607	M

DIVERSIFIED LOAD (W)	
TOTAL A	58428
TOTAL B	58578
TOTAL C	58428
TOTAL	175434

CONNECTED LOAD (W) 233912

CURRENT (A)	
TOTAL A	122
TOTAL B	122
TOTAL C	122
TOTAL	365

GENERAL NOTES:
A. REFER TO DRAWING E-000 FOR GERNERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS

SB1HDP

LOCATION:	ATS ROOM 115
MOUNTING:	SURFACE
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	4000A MCB / 4000A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB-ATS
ACCESSORIES:	DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		11766				A			138606			2
3	DISHWAHER, RM 205		11766		125A,3P	B	800A,3P			139945	SB1H1	4
5				11766		C					140343	6
7		7333				A		7333				8
9	BATTERY DEEP FRYER, RM 103		7333		40A,3P	B	40A,3P		7333		BATTERY DEEP FRYER, RM 103	10
11				7333		C				7333		12
13	PANEL SB1LDP VIA	162282				A			26076		EXISTING BAKERY	14
15	TRANSFORMER SB1LD - T		176072		350A,3P	B	400A,3P			26076	PANEL SB1HB1	16
17				173429		C					26076	18
19		75605				A		189229				20
21	SB2H1		75605		200A,3P	B	1200A, 3P		189229		SB2HK1	22
23				75605		C				189229		24
25	WWHP1DP BASES	74147				A		0			WWHP2DP	26
27	OF DESIGN		74147		300A,3P	B	500A,3P		0		(OPTIONAL DESIGN)	28
29				74147		C				0		30
31		38222				A		0				32
33	SB3H1		38222		300A,3P	B	40A,3P		0		SPARE	34
35				31796		C				0		36
37		0				A		0				38
39	SPARE		0		60A,3P	B	20A,3P		0		SPACE	40
41				0		C				0		42
43	SPACE	0			1P	A	1P	0			SPACE	44
45	SPACE		0		1P	B	1P		0		SPACE	46
47	SPACE			0	1P	C	1P			0	SPACE	48
49	SPACE	0			1P	A	1P	0			SPACE	50
51	SPACE		0		1P	B	1P		0		SPACE	52
53	SPACE			0	1P	C	1P			0	SPACE	54
*-GFCI TYPE		3260	6326	0326	PHASE SUB TOTAL			4299	9942	9942		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
L	6000	4000	L
L	6000	4000	L
L	6000	4000	L
L	6233	11000	L
L	6233	11000	L
L	6233	11000	L
L	6400	6000	L
L	6400	6000	L
L	6400	6000	L
L	7333	7333	L
L	7333	7333	L
L	7333	7333	L
L	6640	7333	L
L	6640	7333	L
L	6640	7333	L
		7333	L
		7333	L
			M
			M
L		3848	L
L		956.5	L
L		3648	L
L		956	L
L		950	L
L		1050	L

DIVERSIFIED LOAD (W)	
TOTAL A	709121
TOTAL B	724250
TOTAL C	715579
TOTAL	2148949

CONNECTED LOAD (W) 2213384

CURRENT (A)	
TOTAL A	1067
TOTAL B	1090
TOTAL C	1077
TOTAL	3235

SB1H1

LOCATION:	FIRST FLR MECHANICAL
MOUNTING:	SURFACE
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	800A MCB / 800A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1HDP
ACCESSORIES:	

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	DOMESTIC WATER	90000				A		0			PUMP P2/P2A (OPTIONAL DESIGN)	2
3	HEATER DWH-1		90000		325A,3P	B	20A,3P		0			4
5				90000		C				0		6
7	PUMP P3 / P3A (BASES	0				A		3043			PUMP P4/P4A (OPTIONAL DESIGN)	8
9	OF DESIGN)		0		15A,3P	B	15A,3P		3043			10
11				0		C				3043		12
13	PUMP P1 / P1A (BASES	11067				A		0			PUMP P5/P5A (OPTIONAL DESIGN)	14
15	OF DESIGN)		11067		80A,3P	B	15A,3P		0			16
17				11067		C				0		18
19		17458				A		0			PUMP P6/P6A (OPTIONAL DESIGN)	20
21	DHW-ACCU-1		17458		80A,3P	B	15A,3P		0			22
23				17458		C				0		24
25		17458				A	20A,2P	0			SPARE	26
27	DHW-ACCU-2		17458		80A,3P	B			0			28
29				17458		C				1207	LTS - FRST FLR, SOUTH PLAN	30
31		0				A		855			LTS - FRST FLR, COMNS	32
33	SPARE		0		15A,3P				2413		LTS - FRST FLR, COMNS LINEAR PENDANTS	34
35				0						1777	LTS - FRST FLR, CENTER	36
37	SPARE	0			20A,3P			2142			LTS - FRST FLR, MID PLAN	38
39	SPARE		0		20A,3P				1923		LTS - FRST FLR, EAST	40
41	SPARE			0	20A,3P					1750	LTS - FRST FLR, EXG BAKERY	42
*-GFCI TYPE		1359	8313	5983	PHASE SUB TOTAL			6040	7379	7777		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
L	90000		M
L	90000		M
L	90000		M
M		2282.25	M
M		2282.25	M
M		2282.25	M
M	8300.25		M
M	8300.25		M
M	8300.25		M
M	13093.5		
M	13093.5		
M	13093.5		
M	13093.5		
M	13093.5	1207	L
		855	L
		2413	L
		1777	L
		2142	L
		1923	L
		1750	L

DIVERSIFIED LOAD (W)	
TOTAL A	129767
TOTAL B	131106
TOTAL C	131504
TOTAL	392376

CONNECTED LOAD (W) 429145

CURRENT (A)	
TOTAL A	195
TOTAL B	196
TOTAL C	197
TOTAL	591

SB2H1

LOCATION:	ELECTRICAL 202
MOUNTING:	SURFACE
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	600A MCB / 800A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1HDP
ACCESSORIES:	DOOR IN DOOR TRIM W/ CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1	ELEC GRIDDLE ITEM	6000				A			4000		ELEC GRIDDLE ITEM C118.b	2
3	C118.a		6000		30A,3P	B	20A,3P			4000		4
5				6000		C				4000		6
7	COMBI-OVEN (TOP)	6233				A			11000		COMBI-OVEN (BOTTOM)	8
9	ITEM C148		6233		25A,3P	B	40A,3P			11000	ITEM C148.1	10
11				6233		C				11000		12
13	INDUCTION RANGE / OVEN	6400				A		6000			ELEC GRIDDLE ITEM C151	14
15	ITEM C150		6400		30A,3P	B	30A,3P		6000			16
17				6400		C				6000		18
19	BATTERY FRYER	7333				A		7333			BATTERY FRYER CONNECTION 2	20
21	CONNECTION 1 ITEM C152		7333		40A,3P	B	40A,3P		7333		ITEM C152	22
23				7333		C				7333		24
25	COUNTER TOP GRIDDLE	6640				A		7333				26
27	ITEM A27		6640		40A,3P	B	40A,3P		7333		BATTERY DEEP FRYER, RM 103	28
29				6640		C				7333		30
31	SPARE	0			20A,1P	A	7333					32
33	SPARE		0		20A,1P	B	40A,3P		7333		BATTERY DEEP FRYER, RM 103	34
35	SPARE			0	20A,1P	C				7333		36
37	SPARE	0			20A,1P	A	20A,1P	0			SPARE	38
39	SPARE		0		20A,1P	B	15A,1P		0		SPARE	40
41	SPACE			0	1P	C	15A,1P			0	SPARE	42
43	SPACE	0			1P	A	20A,1P	3848			LTS - SCND FLR, HOUSE KITCH - SERVERY	44
45	SPACE		0		1P	B	20A,1P		956.5		LTS - SCND FLR, MID PLAN/ DINNING 200	46
47	SPACE			0	1P	C	20A,1P			3648	LTS - SCND FLR, DINNING LINEAR PEDANTS	48
49	SPACE	0			1P	A	20A,1P	956			LTS - SCND FLR, DINNING LARGE PENDANTS	50
51	SPACE		0		1P	B	20A,1P		950		LTS - SCND FLR DINNING 200	52
53	SPACE			0	1P	C	20A,1P			1050	LTS - EXTERIOR	54
*-GFCI TYPE		3260	6326	0326	PHASE SUB TOTAL			4299	9942	9942		

LOAD TYPE KEY	
L	(100%) LIGHTING, COMPUTER RECEPTACLES, OTHER
M	(75%) MOTOR
R	(50%) RECEPTACLE

LOAD TYPE ASSIGNMENTS	LEFT	RIGHT	LOAD TYPE
L	6000	4000	L
L	6000	4000	L
L	6000	4000	L
L	6233	11000	L
L	6233	11000	L
L	6233	11000	L
L	6400	6000	L
L	6400	6000	L
L	6400	6000	L
L	7333	7333	L
L	7333	7333	L
L	7333	7333	L
L	6640	7333	L
L	6640	7333	L
L	6640	7333	L
		7333	L
		7333	L
			M
			M
L		3848	L
L		956.5	L
L		3648	L
L		956	L
L		950	L
L		1050	L

DIVERSIFIED LOAD (W)	
TOTAL A	75605
TOTAL B	75605
TOTAL C	75605
TOTAL	226815

CONNECTED LOAD (W) 226815

CURRENT (A)	
TOTAL A	158
TOTAL B	158
TOTAL C	158
TOTAL	474

SB3H1

LOCATION:	MECHANICAL MEZZANINE
MOUNTING:	SURFACE
VOLTAGE/PHASE:	480Y/277V 3Ø4W
MIN AIC RATING:	22,000
BUS/MAIN:	300A MLO / 300A BUS
FEEDER:	SEE ONE-LINE DIAGRAM
FED FROM:	SB1HDP
ACCESSORIES:	DOOR IN DOOR TRIM WITH CYLINDER LOCK

CKT #	BRANCH CIRCUIT LOAD DESCRIPTION	LOAD (W) A	B	C	TRIP POLE#	PHASE	TRIP POLE#	LOAD (W) A	B	C	BRANCH CIRCUIT LOAD DESCRIPTION	CKT #
1		8576				A		8576				2
3	AHU-1S		8576		40A,3P	B	40A,3P		8576		AHU - 1R	4
5				8576		C				8575		6
7		9960				A		8576				8
9	AHU-2S		9960		45A,3P	B	40A,3P		8576		AHU - 2R	10
11				9960		C				8575		12
13		2407				A		2352				14
15	MAU-1		2407		15A,3P	B	15A,3P		2352		MAU - 2	16
17				2407		C				2352		18
19		940				A		1				20
21	MUA - 3		940		15A,3P	B	15A,3P		1		SPARE	22
23				940		C				1		24
25		2103				A		1328				26
27	KEF - 1A		2103		30A,3P	B	20A,3P		1328		KEF-1B

RACEWAY SCHEDULE

RACEWAY TYPE	USES PERMITTED	USES RESTRICED
ELECTRIC METALLIC TUBING (EMT)	ALL ESSENTIAL CIRCUITS ORIGINATING FROM CRITICAL, LIFE SAFETY, OR ESSENTIAL EQUIPMENT BRANCHES OF THE ELECTRICAL DISTRIBUTION SYSTEM.	AREAS WHERE RACEWAY MAY BE SUBJECT TO PHYSICAL DAMAGE
RIGID METAL CONDUIT (RMC)	INTERIOR AREAS BELOW 10'-0" WHERE SUBJECT TO PHYSICAL DAMAGE, AS DIRECTED BY OWNER OR ENGINEER.	
LIQUID TIGHT FLEXIBLE NON METALLIC	FINAL CONNECTIONS TO EXTERIOR MECHANICAL EQUIPMENT	EXTERIOR AREAS AND AREAS WHERE SUBJECT TO PHYSICAL DAMAGE
FLEXIBLE MATELLIC CONDUIT	• WHERE NECESSARY FOR FLEXIBLE CONNECTIONS TO EQUIPMENT • WHERE FISHED INTO EXISTING WALLS OR CEILINGS NOT OTHERWISE ACCESSIBLE AND NOT SUBJECT TO PYSICAL DAMAGE. • POWER AND LIGHTING CIRCUITS ORIGINATING FROM NON ESSENTIAL PANELBOARDS	WHERE SPECIFICALLY PROHIBITED PER 2017 NEC A.517.30(C)(3).
RIGID PVC SCHEDULE 80	EXTERIOR CONDUIT RUNS, SITE LIGHTING.	NEW CONSTRUCTION AND FISHABLE EXISTING CONSTRUCTION
SURFACE SINGLE CHANNEL STEEL RACEWAY	SHALL BE PERMITTED ONLY WHERE SPECIFICALLY INDICATED ON THE CONTRACT DRAWINGS "WM" OR "WIREMOLD" PERMITTED.	

GENERAL NOTES:
1. ESSENTIAL ELECTRIC SYSTEM SHALL BE AS DEFINED BY ARTICLE 517, OF THE NEC. REFER TO LEGEND FOR CLASSIFICATION OF INDIVIDUAL PANELBOARDS
2. AC-HCF CABLES SHALL BE UL LISTED FOR USE IN HEALTHCARE FACILITIES, PROVIDE SOUTHWIRE DURACLAD TYPE AC-HCF OR APPROVED EQUAL.
3. FLEXIBLE AC-HCF CABLES SHALL BE ADEQUATELY GROUPED, LABELED AND SUPPORTED IN ACCORDANCE WITH NECA 1 REQUIREMENTS AND SHALL BE SUBJECT TO OWNER APPROVAL.
4. PRE-PAINTED RED EMT SHALL BE PROVIDED FOR ALL LIFE SAFETY CIRCUITS

BRANCH CIRCUIT SCHEDULE

CIRCUIT BREAKER	PHASE CONDUCTORS AND/OR NEUTRAL CONDUCTORS	GROUND CONDUCTOR	CONDUIT
3 POLE CIRCUITS			
50/3	(3)#6	#10	1"C OR AC-HCF CABLE
40/3	(3)#8	#10	1"C OR AC-HCF CABLE
30/3	(3)#10	#10	3/4"C OR AC-HCF CABLE
20/3	(3)#12	#12	3/4"C OR AC-HCF CABLE
15/3	(3)#12	#12	3/4"C OR AC-HCF CABLE
2 POLE CIRCUITS			
50/2	(2)#6	#10	1"C OR AC-HCF CABLE
40/2	(2)#8	#10	3/4"C OR AC-HCF CABLE
30/2	(2)#10	#10	3/4"C OR AC-HCF CABLE
20/2	(2)#12	#12	3/4"C OR AC-HCF CABLE
15/2	(2)#12	#12	3/4"C OR AC-HCF CABLE
1 POLE CIRCUITS			
50/1	(2)#6	#10	1"C OR AC-HCF CABLE
40/1	(2)#8	#10	3/4"C OR AC-HCF CABLE
30/1	(2)#10	#10	3/4"C OR AC-HCF CABLE
20/1	(2)#12	#12	3/4"C OR AC-HCF CABLE
15/1	(2)#12	#12	3/4"C OR AC-HCF CABLE

NOTES REGARDING THE USE OF THIS SCHEDULE:

1. USE THIS SCHEDULE FOR:
   - WHERE SPECIFIC CONDUCTOR/CONDUIT SIZING IS NOT INDICATED ELSE WHERE ON THE DRAWING SET.
   - FOR ANY BRANCH CIRCUITS THAT ARE REQUIRED TO BE RELOCATED/EXTENDED, ETC.
2. DO NOT USE THIS SCHEDULE:
   - FOR LARGE MECHANICAL LOADS.
   - WHERE SPECIFIC CONDUCTOR/CONDUIT IS CALLED FOR ON SCHEDULES, SINGLE LINES OR DETAILS, ETC.
3. WHERE CIRCUIT LENGTH EXCEEDS 100' - CONTRACTOR SHALL USE NEXT HIGHER PHASE/NEUTRAL CONDUCTOR SIZE, TO COMPENSATE FOR VOLTAGE DROP

NEC TABLE 250.66

SIZE OF LARGEST UNGROUNDED SERVICE-ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARELLEL CONDUCTORS (AWG/KCMIL)		SIZE OF GROUNDING ELECTRODE CONDUCTOR (AWG/LVMIL)	
COPPER	ALUMINUM OR COPPER-CLAD ALUMINUM	COPPER	ALUMINUM OR COPPER-CLAD ALUMINUM
2 OR SMALLER	1/0 OR SMALLER	8	6
1 OR 1/0	1/0 OR 3/0	6	4
2/0 OR 3/0	4/0 OR 500	4	2
OVER 3/0 THROUGH 350	OVER 250 THROUGH 500	2	1/0
OVER 350 THROUGH 600	OVER 500 THROUGH 900	1/0	3/0
OVER 600 THROUGH 1100	OVER 900 THROUGH 1750	2/0	4/0
OVER 1100	OVER 1750	3/0	250

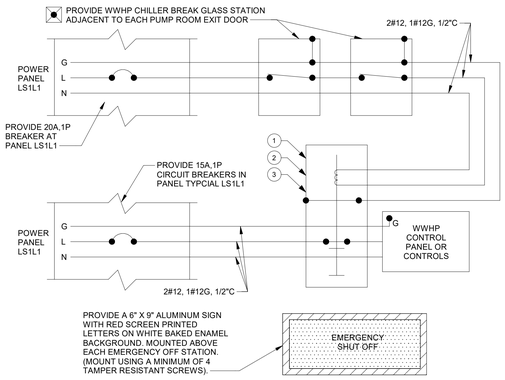


DIAGRAM KEYED NOTES:

1. PROVIDE NEMA 1, SIZE 00, 3P, 120V, 60 HZ CONTROL CONTRACTOR.
2. WHERE MORE THAN TWO BOILERS ARE TO BE WIRED, PROVIDE CONTRACTS AND WIRING TO EACH ADDITIONAL BOILERS.
3. INSTALL CONTROL CONTRACTOR ADJACENT TO PANEL OR WHERE OTHERWISE INDICATED ON THE PLANS.
4. PROVIDE NON-FUSED DISCONNECT SWITCH AT AHEAD OF BOILER CONTROL PANEL. BOILER CONTROL PANEL(S) BY CONTRACTOR RESPONSIBLE FOR H-CONTRACT, COORDINATE LOCATIONS IN FIELD.

HORIZONTAL UTP CABLING SCHEDULE

	JACKET COLOR					CABLE TYPE					INSULATION		KEYSTONE COLOR			PIN OUT			
	BLUE	WHITE	PURPLE	ORANGE	GREEN	CAT 5e	CAT 6	CAT 6A	CAT 3 PER	RG-6	PLENUM	RISER	GENERAL	ORANGE	BLACK	WHITE	BLUE	GREEN	T568A	T568B	CONFIRM	
DATA	●						●				●						●			●		REFER TO FLOOR PLANS
VOICE	●						●				●						●			●		REFER TO FLOOR PLANS
WAP			●				●				●							●		●		REFER TO FLOOR PLANS
COAXIAL	●									●	●						●			●		REFER TO FLOOR PLANS

GENERAL SCHEDULE NOTES:

1. PROVIDE A DEDICATED CABLE FOR EACH JACK IDENTIFIED ON THE PLANS/DETAILS.
2. PROVIDE 10' OF SERVICE LOOP (CABLE SLACK) AT THE TELECOM ROOM LOCATION & 3-1/2' IN THE SUSPENDED CEILING ABOVE EACH DROP.
3. UTP CABLE SHALL BE APPROVED FOR USE WITH HUBBELL PREMISE DEVICES. SEE SPECIFICATIONS FOR INFORMATION.
4. PIN OUT REQUIRED FOR FETAL MONITOR IS UNKNOWN, AND MAY NOT BE INDUSTRY STANDARD - COORDINATE IN FIELD.

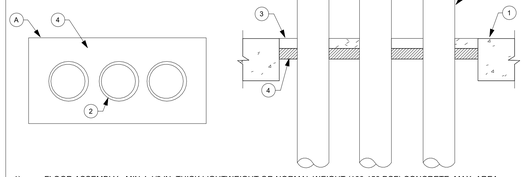
FIRESTOP METHOD

NOTE:
PENETRATIONS OF FIRE RATED ASSEMBLIES MUST BE PROTECTED BY U.L. SYSTEM WL 1001, 1002, OR 1003. SUCH PENETRATIONS ARE TYPICALLY FOUND AT:

A) OCCUPANCY SEPARATIONS
B) EXTERIOR WALLS
C) AREA SEPARATIONS
D) JANITOR CLOSETS
E) SHAFT ENCLOSURES
F) CORRIDORS
G) STAIR ENCLOSURES
H) EXIT PASSAGEWAYS
I) "TYPE OF CONSTRUCTION SEPARATION"
J) BOILER, CENTRAL HEATING PLANT, OR HOT WATER SUPPLY ROOM ENCLOSURES.

THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ)

SYSTEMS NO. WL1001-CAULK ONLY
(FORMERLY SYSTEM NO. 147A)
F RATING– 1,2,3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS–0,1,2,3 AND 4 HR (SEE ITEM 3)



1) FLOOR ASSEMBLY - MIN 4-1/2 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. MAX. AREA OF OPENING 192 SQ. IN. WITH MAX. LENGTH OF 24 IN. AND MAX WIDTH OF 8 IN.

2) PIPE - NOM 4 IN. DIAMETER (OR SMALLER) TYPE L (OR HEAVIER(COPPER TUBING SCHEDULE 10 (OR HEAVIER) STEEL PIPE, STEEL CONDUIT OR STEEL EMT TO BE INSTALLED WITH A MIN. CLEARANCE OF 1 IN. AND A MAX. CLEARANCE OF 2 IN. FROM THE SIDES OF THE THROUGH OPENING. A MIN. SEPARATION OF 1 IN. SHALL BE MAINTAINED BETWEEN ADJACENT PIPES. PIPES TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR ASSEMBLY.

3) PACKING MATERIAL - MIN. 1 IN. THICK MINERAL-WOOL BATT MATERIAL INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM WITH ITS TOP SURFACE RECESSED MIN. 1 IN. FROM TOP SURFACE OF FLOOR.

4) FILL, VOID, OR CAVITY MATERIALS* - CAULK - APPLIED TO FILL THROUGH OPENING TO A MIN. DEPTH OF 1 IN., FLUSH WITH TOP SURFACE OF FLOOR.
MINNESOTA MINING & MFG. CO - TYPES CP-25 WB. CP-25 WB +. (NOTE: L RATINGS APPLY ONLY WHEN TYPE CP-25 WB+ CAULK IS USED).

*BEARING THE UL CLASSIFICATION MARKING

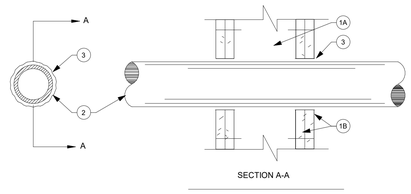
8 THROUGH-PENETRATION FIRE STOP SYSTEMS DETAIL
SCALE: NONE

THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ)

SYSTEM NO. FA1002
(FORMERLY SYSTEM NO. 152)
F RATING-2 HR
T RATING-0 HR
L RATING AT AMBIENT-2 CFM/SQ FT (SEE ITEM 4)
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 4)

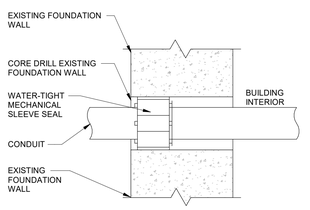
MAX PIPE OR CONDUIT DIAMETER, IN.	ANNULAR SPACE, IN.	F RATING HOUR	T RATING HOUR
1	0 TO 3/16	1 OR 2	0+, 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1/4	1 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

+WHEN COPPER PIPE IS USED, T RATING IS 0 HOUR.
*BEARING THE UL CLASSIFICATION MARKING.
**MING & MFG. CO. - TYPES CP-25 S/L, CP-25 N/S, CP-25 WB, CP-25 WB+.

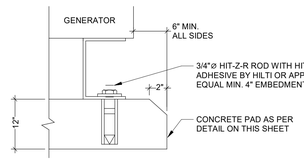


SECTION A-A

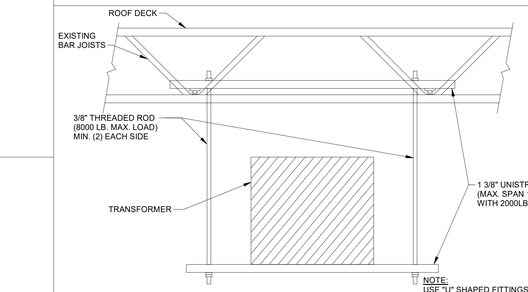
1. WALL ASSEMBLY - THE 1,2,3 OR 4 HR. FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS-WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX. 2 HR. FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOMINAL 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOMINAL 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MINIMUM 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX. 24 IN. O.C.
   B. WALLBOARD, GYPSUM* -NOM 1/2 OR 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE U.L. FIRE RESISTANCE DIRECTORY. MAXIMUM DIAMETER OF OPENING IS 13-1/2"
2. PIPE OR CONDUIT-NOM 12 IN. DIA. (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM.6 IN. DIA. (OR SMALLER) STEEL CONDUIT, NOM. 4 IN. DIA. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR TYPE L (OR HEAVIER) COPPER TUBING OR NOM 1 IN. DIA. (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE OR FLEXIBLE STEEL CONDUIT IS USED, MAX. F RATING OR FIRESTOP SYSTEM (ITEM 3) IS 2 HR. STEEL PIPES OR CONDUITS LARGER THAN NOM 4 IN. DIA. MAY ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT OS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.
3. FILL, VOID OR CAVITY MATERIAL* - CAULK** - CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN. 1/4 IN. DIA. BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF WALL ASSEMBLY IN WHICH IT IS INSTALLED AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRE STOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW:



5 TYPICAL EXISTING FOUNDATION PENETRATION DETAIL
SCALE: NONE



4 CONCRETE ANCHOR CONNECTION DETAIL
SCALE: NONE



10 SUSPENDED TRANSFORMER MOUNTING DETAIL
SCALE: NONE

DETAILS NOTES:

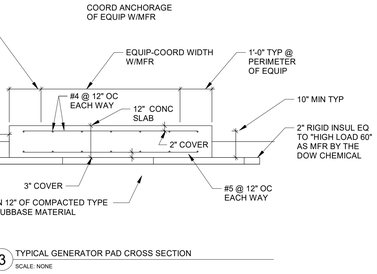
1. REFER TO IDENTIFICATION SPECIFICATION 26 0553 FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE SHALL BE LAMINATED THREE LAYER PLASTIC WITH ENGRAVED BLACK LETTERS ON WHITE CONTRASTING BACKGROUND. LETTER SIZE SHALL BE 1/8", MINIMUM PLATE THICKNESS 1/8".
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS ADHESIVE CEMENT SHALL NOT BE ALLOWED. NAMEPLATES SHALL BE USED TO IDENTIFY ANY NEW EQUIPMENT INSTALL UNDER THIS PROJECT INCLUDING BUT NOT LIMITED TO ANY OF THE FOLLOWING:
   - PANELBOARDS
   - SWITCHBOARDS
   - SWITCHGEAR
   - TRANSFORMERS
   - SERVICE DISCONNECTS
   - EQUIPMENT SAFETY SWITCHES / DISCONNECTS
   - CIRCUIT BREAKERS IN DISTRIBUTION PANEL BOARDS
   - TIME CLOCKS CONTACTOR PANELS
   - MOTOR STARTERS
   - VFDS

EXAMPLE:

PANEL LP4A
120/208V
FED FROM MDP

1/4" LETTERS (TYPICAL)
1/8" LETTERS (TYPICAL)
1/8" LETTERS (TYPICAL)

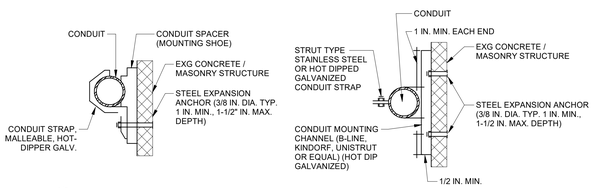
7 NAME PLATE DETAIL
SCALE: NONE



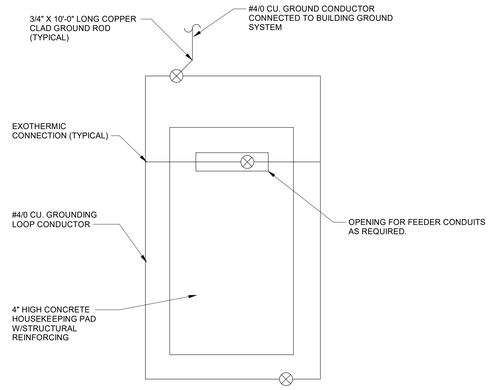
3 TYPICAL GENERATOR PAD CROSS SECTION
SCALE: NONE

CONDUIT INSTALLATION NOTES:

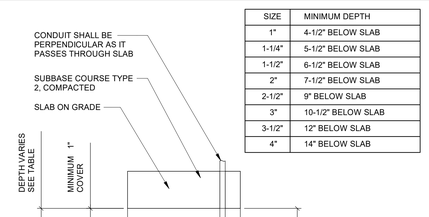
1. CONDUIT IN STRUCTURES SHALL HAVE EXPANSION FITTINGS AT STRUCTURE EXPANSION JOINTS. ALL STRAIGHT RUNS OF RMC CONDUIT EXPOSED ON STRUCTURES SUCH AS BRIDGES SHALL HAVE EXPANSION JOINTS INSTALLED AT MAXIMUM INTERVALS OF 150 FEET. EXPANSION JOINTS SHALL BE INSTALLED SO THEY ALLOW FOR MOVEMENT OF THE CONDUIT. INSTALLATION OF THE JOINT IN SUCH A MANNER THAT WILL NOT ALLOW FOR MOVEMENT SHALL BE REPAIRED AT NO EXPENSE TO THE STATE. THE METHOD OF DETERMINING THE FINAL SETTING LENGTH OF THE EXPANSION JOINT SHALL BE PROVIDED TO THE ENGINEER UPON REQUEST.
2. CONDUIT SUPPORTS SHALL BE SPACED AT MAXIMUM INTERVALS OF 5 FEET. CONDUIT SPACERS SHALL BE USED WITH METAL CONDUIT PLACED ON SURFACES OF CONCRETE STRUCTURES (SEE CONDUIT MOUNTING OPTIONS).
3. OPEN ENDS OF ALL CONDUIT AND RACEWAYS SHALL BE FITTED WITH TEMPORARY CAPS OR PLUGS TO PREVENT ENTRY OF DIRT, DEBRIS AND RODENTS DURING CONSTRUCTION. THE TEMPORARY CAP MAY BE CONSTRUCTED OF DUCT TAPE, BUT IN ALL CASES SHALL BE TIGHTLY FIXED TO THE CONDUIT AND SHALL BE DURABLE. THE CONTRACTOR SHALL CLEAN OUT THE CONDUIT AND PROVE IT CLEAR IN ACCORDANCE WITH STANDARD SPECIFICATIONS PRIOR TO INSTALLING ANY CONDUCTORS.
4. CONDUIT ENTRY INTO THE TOP OF ENCLOSURES SUCH AS SAFETY SWITCHES, METER CANS, SERVICE ENCLOSURES, AUXILIARY ENCLOSURES AND JUNCTION BOXES SHALL BE MADE WEATHERPROOF USING CONDUIT SEALING HUBS, OR THREADED BOSSES.
5. A BONDING JUMPER SHALL BE INSTALLED FROM EACH GROUNDING BUSHING TO THE NEAREST GROUNDING ROD, GROUNDING LUG, AND/OR EQUIPMENT GROUNDING CONDUCTOR. ALL JUMPERS SHALL BE THE SAME SIZE AS EQUIPMENT GROUNDING CONDUCTOR. AT ELECTRICAL SERVICES, GROUNDING ELECTRODE CONDUCTOR SHALL BE A SOLID COPPER #6 AWG.
6. METAL JUNCTION BOXES SHALL BE BONDED TO THE GROUNDING CONDUCTOR IN ACCORDANCE WITH THE NEC.
7. CONDUIT ENDS SHALL BE SEALED WITH HEAT SHRINK BOOTS WITH WATERPROOF SEALANT, URETHANE FOAM, OR BY OTHER METHODS APPROVED BY THE ENGINEER. SEALING SHALL BE DONE AFTER COMPLETION OF ANY REQUIRED. DUCT TAPE SHALL NOT BE USED AS A PERMANENT CONDUIT SEALANT. SILICONE CAULKING SHALL NOT BE USED AS A SEALANT.
8. ALL STRUT MOUNTING MATERIAL AND HARDWARE SHALL BE HOT-DIP GALVANIZED OR SHALL BE STAINLESS STEEL. THE CUT ENDS OF STRUT AND NON-GALVANIZED RIGID METAL CONDUIT THREADS SHALL BE COATED WITH A ZINC RICH PAINT (90% OR MORE ZINC CONTENT). ZINC RICH PAINT MAY ONLY BE USED TO TOUCH UP GALVANIZED MATERIAL. THE PAINTING OF NON-GALVANIZED MATERIAL WITH A ZINC RICH PAINT SHALL NOT BE CONSIDERED AS AN APPROVED ALTERNATIVE FOR GALVANIZED MATERIALS.
9. ALL METAL CONDUIT TERMINATIONS SHALL BE FITTED WITH A GROUNDING TYPE BUSHING.
10. ALL BOXES EXPOSED TO THE EXTERIOR ENVIRONMENT ARE TO BE RAIN-TIGHT AND HAVE DRAIN ASSEMBLY IN ACCORDANCE WITH NEC ARTICLE 255.22. SEE SPECIFICATIONS SECTION 260534 FOR INFORMATION.



9 CONDUIT WALL SURFACE MOUNTING OPTIONS
SCALE: NONE

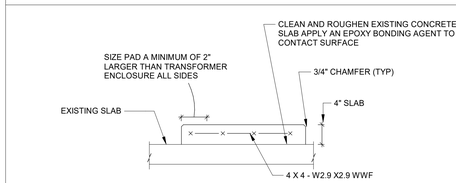


6 TYPICAL GENERATOR PAD GROUNDING DETAIL
SCALE: NONE



SIZE	MINIMUM DEPTH
1"	4-1/2" BELOW SLAB
1-1/4"	5-1/2" BELOW SLAB
1-1/2"	6-1/2" BELOW SLAB
2"	7-1/2" BELOW SLAB
2-1/2"	9" BELOW SLAB
3"	10-1/2" BELOW SLAB
3-1/2"	12" BELOW SLAB
4"	14" BELOW SLAB

2 TYPICAL CONDUIT PLACEMENT AT SLAB ON GRADE INSTALLATION DETAIL
SCALE: NONE



1 INTERIOR EQUIPMENT PAD MOUNTING DETAIL
SCALE: NONE

GENERAL NOTES:

A. SEE DRAWING SHEET E-000 FOR APPLICABLE GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABAZA · LICENSED PROFESSIONAL ENGINEER · 090176

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

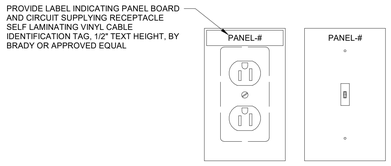
ISSUED: BID SET
DATE: 8/17/26
SCALE:
SHEET NAME:
Details and Schedules

SHEET NUMBER:
E-500

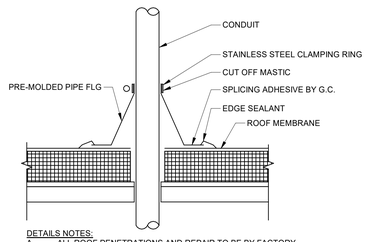
BID SET

PROJECT NUMBER: 2333601.00

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



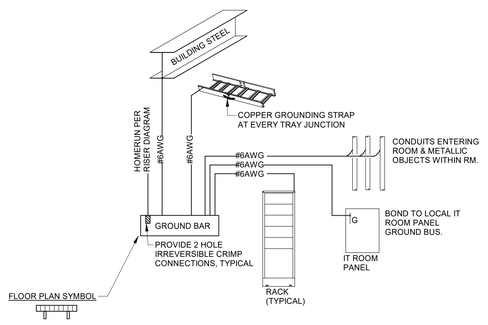
12 ACCESS CONTROL - TYPICAL RISER DIAGRAM
SCALE: NOT TO SCALE



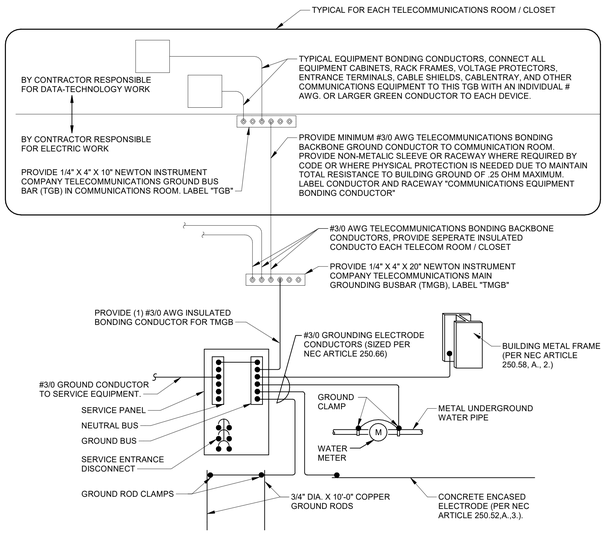
DETAILS NOTES:
A. ALL ROOF PENETRATIONS AND REPAIR TO BE BY FACTORY CERTIFIED ROOFING CONTRACTORS TO MAINTAIN FACTORY ROOF WARRANTY, AS WITNESSED BY DIRECTOR'S REPRESENTATIVE. COORDINATE WITH C CONTRACTOR.

B. ALL MATERIALS AND INSTALLATION METHODS TO BE FULLY COMPATABLE WITH APPROVED ROOFING MANUFACTURER'S PRODUCTS.

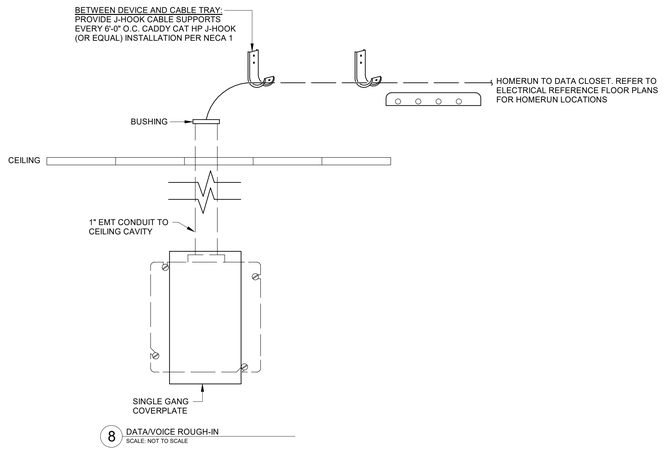
11 TYPICAL THROUGH ROOF CONDUIT PENETRATION DETAIL
SCALE: NOT TO SCALE



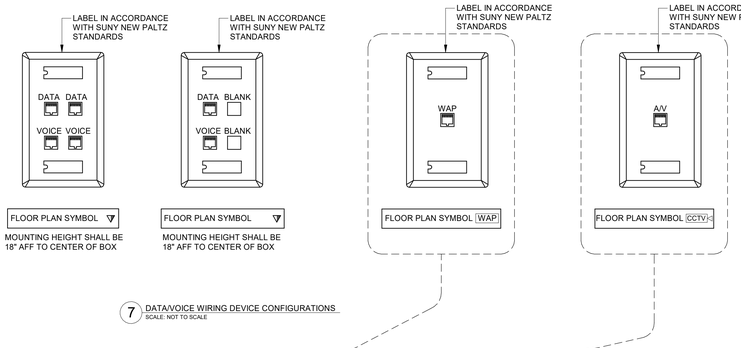
10 TYPICAL IT ROOM BONDING REQUIREMENTS
SCALE: NOT TO SCALE



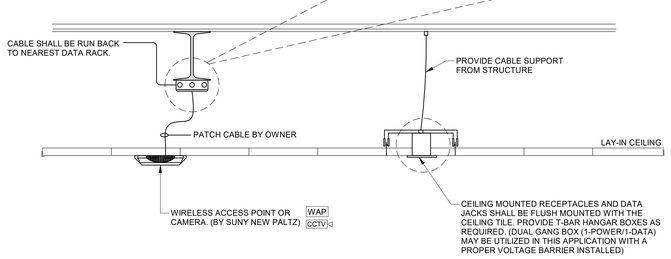
9 TYPICAL SYSTEM GROUNDING CONNECTION DETIAL
SCALE: NOT TO SCALE



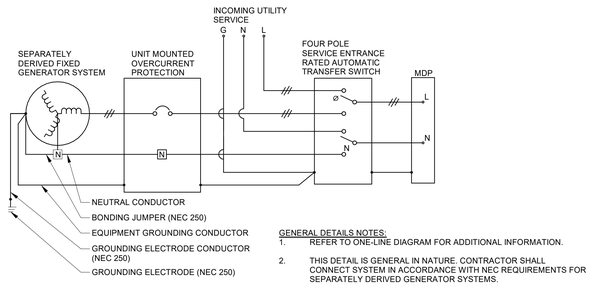
8 DATA/VOICE ROUGH-IN
SCALE: NOT TO SCALE



7 DATA/VOICE WIRING DEVICE CONFIGURATIONS
SCALE: NOT TO SCALE



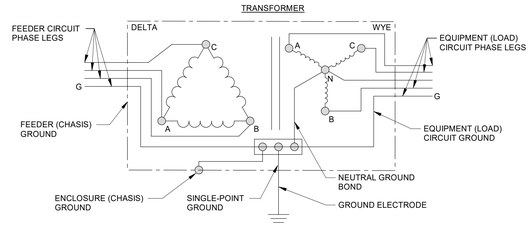
6 WAP/CAMERA ROUGH-IN DETAIL
SCALE: NOT TO SCALE



GENERAL DETAILS NOTES:
1. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
2. THIS DETAIL IS GENERAL IN NATURE. CONTRACTOR SHALL CONNECT SYSTEM IN ACCORDANCE WITH NEC REQUIREMENTS FOR SEPARATELY DERIVED GENERATOR SYSTEMS.

5 SEPARATELY DERIVED GENERATOR GROUNDING
SCALE: NOT TO SCALE

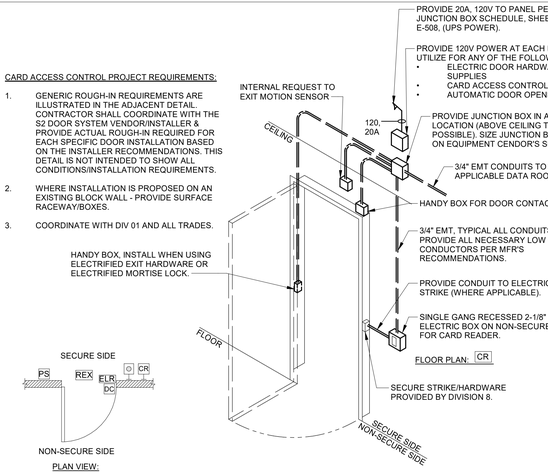
GENERAL NOTES:
1. REFER TO EG000 FOR ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES.
2. ALL CABLING SHALL BE LABELED AT EACH END, AND AT FACEPLATE. FOLLOW ADJACENT LABELING SCHEME. CABLE LABELS SHALL BE SELF LAMINATING, PANDUIT OR EQUAL.
3. ALL CABLING SHALL BE NEATLY RUN SELF RUN AND SUFFICIENTLY SUPPORTED. FOLLOW NECA 1-2010 GUIDELINES.
4. PROVIDE GROUNDING PER NEC FOR ALL ELECTRICAL EQUIPMENT AND ASSOCIATED EQUIPMENT.
5. CONTRACTOR TO COORDINATE ALL PROPOSED WORK WITH THE LCGH IS STAFF.
6. EXACT ROUTING OF HORIZONTAL CABLING SHALL BE DETERMINED BY CONTRACTOR IN FIELD. REFER TO FLOOR PLAN SHEETS FOR DATA CLOSET LOCATIONS.
7. CONTRACTOR SHALL SUBMIT PRODUCT/SUBMITTAL DATA ON ALL MATERIALS SHOWN ON THIS SHEET FOR APPROVAL BY ENGINEER.



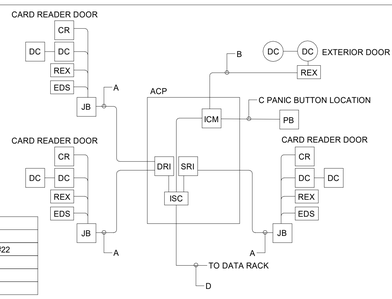
4 TRANSFORMER GROUNDING DETAIL
SCALE: NONE

CARD ACCESS CONTROL PROJECT REQUIREMENTS:

1. GENERIC ROUGH-IN REQUIREMENTS ARE ILLUSTRATED IN THE ADJACENT DETAIL. CONTRACTOR SHALL COORDINATE WITH THE S2 DOOR SYSTEM VENDOR/INSTALLER & PROVIDE ACTUAL ROUGH-IN REQUIRED FOR EACH SPECIFIC DOOR INSTALLATION BASED ON THE INSTALLER RECOMMENDATIONS. THIS DETAIL IS NOT INTENDED TO SHOW ALL CONDITIONS/INSTALLATION REQUIREMENTS.
2. WHERE INSTALLATION IS PROPOSED ON AN EXISTING BLOCK WALL - PROVIDE SURFACE RACEWAY/BOXES.
3. COORDINATE WITH DIV 01 AND ALL TRADES.

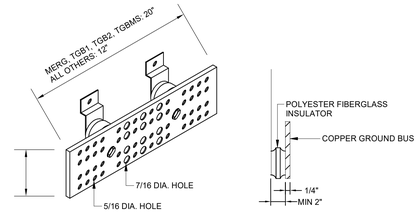


3 TYPICAL ACCESS CONTROL DOOR ROUGH-IN DETAILS AND DIAGRAM
SCALE: NOT TO SCALE



WIRE LEGEND	
TYPE	DESCRIPTION
A	COMPOSITE 1 PAIR #18 & 5 PAIR #22
B	2 PAIR TSP #22
C	1 PAIR TSP #22
D	4 PAIR UTP CAT 6

2 ACCESS CONTROL - TYPICAL RISER DIAGRAM
SCALE: NOT TO SCALE



REQUIREMENTS:
1. PROVIDE A GROUND BAR IN EACH ELECTRICAL ROOM (PER RISER DIAGRAM, THIS SHEET). BOND EACH PANELBOARD GROUND BUS TO GROUND BAR WITH A #2 INSULATED (GREEN) GROUNDING CONDUCTOR. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE A GROUND BAR IN EACH DATA ROOM (PER RISER DIAGRAM). CONNECT EACH GROUND BAR, AS DIRECTED ON GROUNDING DETAILS.

1 TYPICAL GROUND BAR DETAIL
SCALE: NOT TO SCALE

GENERAL NOTES:
A. SEE DRAWING SHEET E-000 FOR APPLICABLE GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

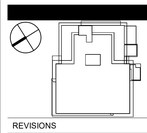
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



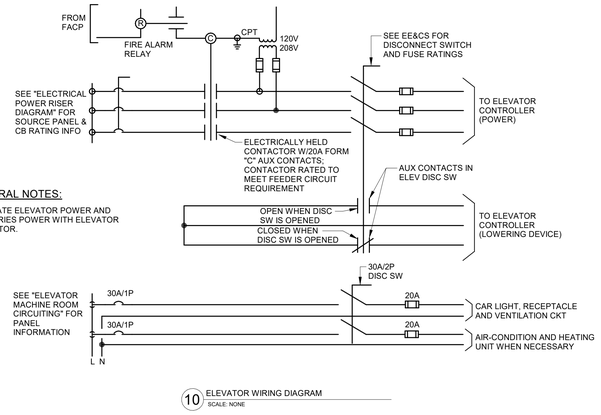
REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE:
SHEET NAME: Details and Diagrams
SHEET NUMBER: E-501

BID SET

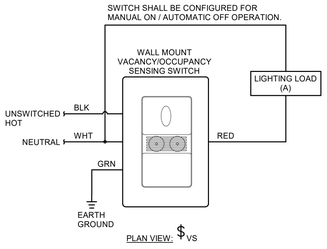
PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



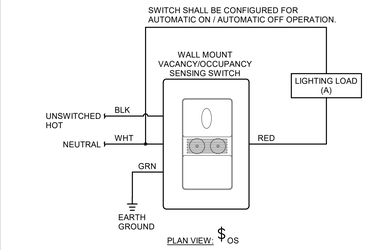
DETAIL GENERAL NOTES:

A. COORDINATE ELEVATOR POWER AND ACCESSORIES POWER WITH ELEVATOR CONTRACTOR.

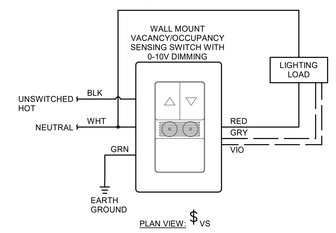
10 ELEVATOR WIRING DIAGRAM
SCALE: NONE



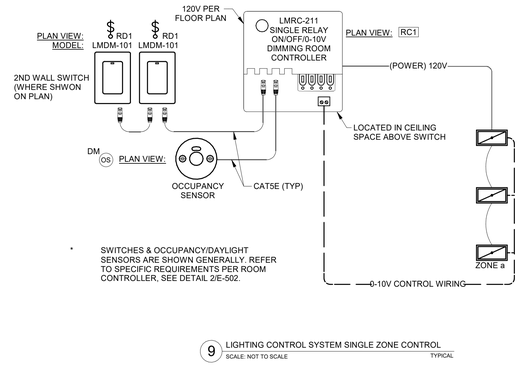
5 WALL MOUNT VACANCY SENSOR DETAIL
SCALE: NOT TO SCALE TYPICAL



4 WALL MOUNT OCCUPANCY SENSOR DETAIL
SCALE: NOT TO SCALE TYPICAL

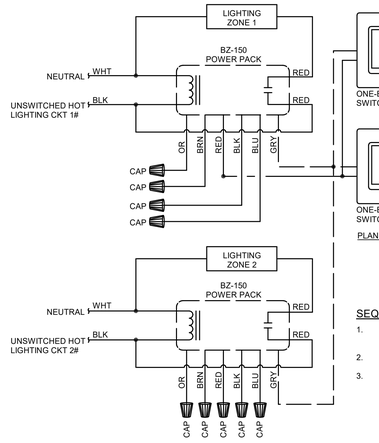


3 WALL MOUNT VACANCY/OCCUPANCY SENSOR WITH 0-10V DIMMING DETAIL
SCALE: NOT TO SCALE TYPICAL



* SWITCHES & OCCUPANCY/DAYLIGHT SENSORS ARE SHOWN GENERALLY. REFER TO SPECIFIC REQUIREMENTS PER ROOM CONTROLLER, SEE DETAIL 2/E-502.

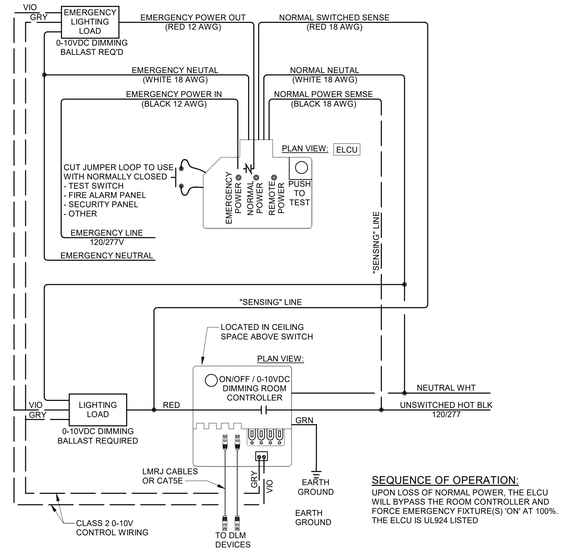
9 LIGHTING CONTROL SYSTEM SINGLE ZONE CONTROL
SCALE: NOT TO SCALE TYPICAL



SEQUENCE OF OPERATION:

1. OCCUPANCY SENSOR SHALL BE SET TO 20 MINUTE TIME DELAY. SENSOR SHALL BE SET FOR AUTOMATIC ON OPERATION.
2. LOW VOLTAGE SWITCH SHALL TOGGLE ON/OFF LIGHTING FIXTURES.
3. REFER TO FLOOR PLANS FOR EXACT QUANTITIES REQUIRED PER ROOM.

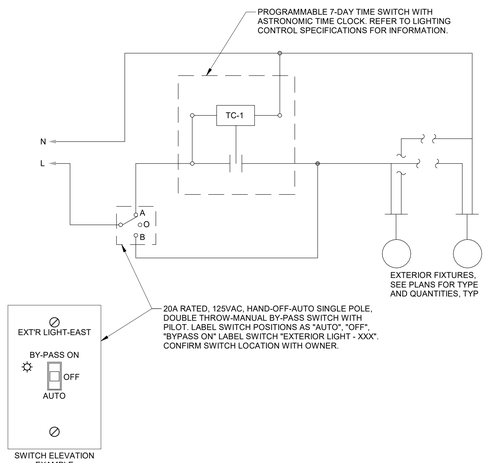
7 LOW VOLTAGE SWITCHING MULTI CIRCUIT CONTROL
SCALE: NOT TO SCALE TYPICAL



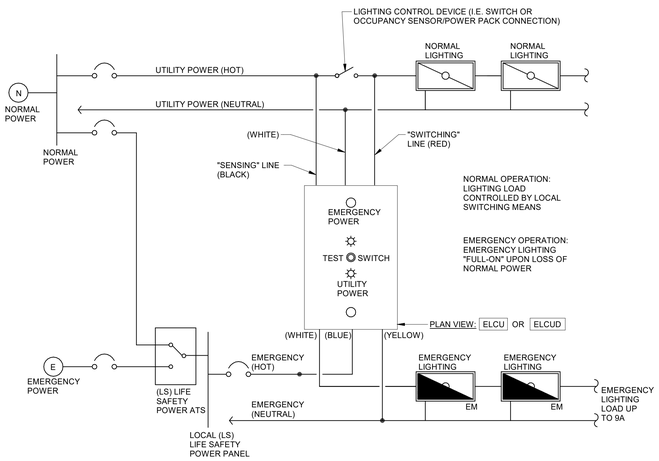
SEQUENCE OF OPERATION:

UPON LOSS OF NORMAL POWER, THE ELCU WILL BYPASS THE ROOM CONTROLLER AND FORCE EMERGENCY FIXTURE(S) 'ON' AT 100%. THE ELCU IS UL924 LISTED

2 ROOM CONTROLLER SYSTEM WITH EMERGENCY ELCU RELAY CONFIGURATION
SCALE: NOT TO SCALE



10 TYPICAL EXTERIOR LIGHTING - TIME CLOCK CONTROL DIAGRAM
SCALE: NONE

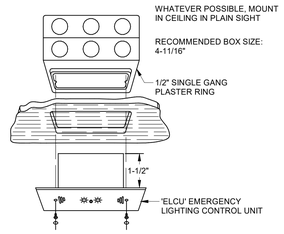


8 EMERGENCY SUPERVISORY BYPASS RELAY WIRING DETAIL - GENERAL
SCALE: NOT TO SCALE

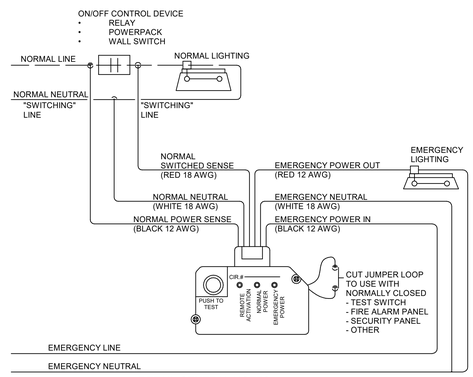
LIFE SAFETY UL LISTED TRANSITION RELAYS:

ELCU EMERGENCY LIGHTING CONTROL RELAY - REFER TO SHEET E-502 FOR DETAILS.

ELCUD EMERGENCY LIGHTING CONTROL RELAY FOR USE WITH DIMMABLE FIXTURES/SWITCHES - REFER TO SHEET E-502 FOR DETAILS.



6 GENERAL 'ELCU' MOUNTING DETAIL
SCALE: NOT TO SCALE



DETAIL GENERAL NOTES:

A. PROVIDE IN AREAS WHERE LIGHTING FIXTURES ARE CONNECTED TO AN EMERGENCY CIRCUIT.

B. DESIGN MAKE: WATTSTOPPER ELCU2000

1 EMERGENCY LIGHTING CONTROL UNIT
SCALE: NOT TO SCALE

GENERAL NOTES:

A. SEE DRAWING SHEET E-000 FOR APPLICABLE GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD T. FASANO · LICENSED PROFESSIONAL ENGINEER · 090176

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

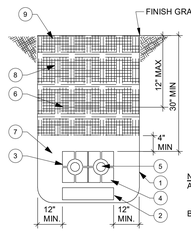
SCALE:

SHEET NAME:
Details and Diagrams

SHEET NUMBER:
E-502

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



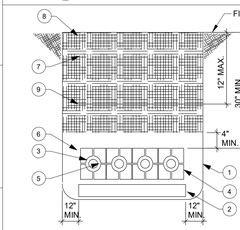
NOTES:
A. PROVIDE ONE SPARE CONDUIT FOR EACH ACTIVE CONDUIT.
B. REFER TO EARTHWORK AND TRENCHING SPECIFICATION SECTION FOR FILL REQUIREMENTS.

12 CONCRETE ENCASED PRIMARY VOLTAGE DUCT BANK DETAIL
SCALE: NOT TO SCALE

KEYED DETAIL NOTES, THIS DETAIL:

1. EXCAVATE AS REQUIRED FOR DUCTBANK, SLOPE AWAY FROM BUILDING TOWARDS MANHOLES AT .125"/FOOT SLOPE.
2. CONCRETE BLOCK TO SUPPORT SPACERS.
3. CONDUIT SPACERS, 3" BETWEEN CONDUITS, 3" ALL AROUND CONDUITS, SPACED 5'-0" OC MAX.
4. #4 REBARS ON 6" CENTERS, BUT NOT LESS THAN 2 PER RUN. PROVIDE ADDITIONAL RODS ACROSS TOP OF DUCTBANK WHERE CROSSING BENEATH ROADWAY.
5. (1)-5" RNC SCH. 80 PRIMARY POWER CONDUIT, AND (1)5" RNC SCH 80 SPARE POWER CONDUIT
6. DETECTABLE UNDERGROUND WIRING TAPE, SEE IDENTIFICATIONS FOR ELECTRIC SYSTEM SPECIFICATIONS.
7. 6" CONCRETE ENCASEMENT AROUND AND BETWEEN CONDUITS
8. CLEAN FILL MACHINE COMPACTED IN 4" LIFTS.
9. FINISH GRADE SHALL MATCH FINAL SURROUNDING CONDITIONS (PAVING, TOPSOIL, GRASS, SIDEWALK, ETC. UNO)

MV FEEDERS
A ALL NEW FEEDERS SHALL BE PROVIDED WITH SINGLE SHIELDED COPPER CONDUCTORS WITH ETHYLENE-PROPYLENE-RUBBER (EPR) INSULATION. CONDUCTORS SHALL BE MV-105 RATED WITH 133% INSULATION LEVEL CONFIRM CONDUCTOR REQUIREMENTS WITH CAMPUS STANDARDS.



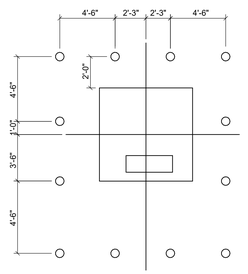
(CONFORM TO NEC AND UTILITY COMPANY REQUIREMENTS)

DETAIL GENERAL NOTES:
A. PROVIDE ONE SPARE CONDUIT FOR EACH ACTIVE CONDUIT.
B. REFER TO EARTHWORK AND TRENCHING SPECIFICATION SECTION FOR FILL REQUIREMENTS.

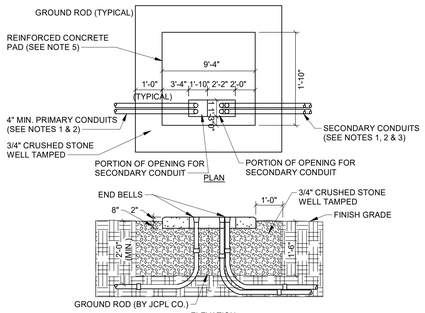
11 CONCRETE ENCASED DUCT BANK DETAIL
SCALE: NOT TO SCALE

KEYED DETAIL NOTES, THIS DETAIL:

1. EXCAVATE AS REQUIRED FOR DUCTBANK, SLOPE AWAY FROM BUILDING TOWARDS MANHOLES AT .125"/FOOT SLOPE.
2. CONCRETE BLOCK TO SUPPORT SPACERS.
3. CONDUIT SPACERS, 3" BETWEEN CONDUITS, 3" ALL AROUND CONDUITS, SPACED 5'-0" OC MAX.
4. #4 REBARS ON 6" CENTERS, BUT NOT LESS THAN 2 PER RUN. PROVIDE ADDITIONAL RODS ACROSS TOP OF DUCTBANK WHERE CROSSING BENEATH ROADWAY.
5. SEE PLANS SITE PLAN AND DIAGRAMS FOR CONDUIT SIZING AND QUANTITIES.
6. 6" CONCRETE ENCASEMENT AROUND AND BETWEEN CONDUITS
7. CLEAN FILL MACHINE COMPACTED IN 4" LIFTS.
8. FINISH GRADE SHALL MATCH FINAL SURROUNDING CONDITIONS (PAVING, TOPSOIL, GRASS, SIDEWALK, ETC. UNO)
9. DETECTABLE UNDERGROUND WIRING TAPE, SEE IDENTIFICATIONS FOR ELECTRICAL SYSTEMS SPECIFICATIONS.



BARRIER POST LAYOUT

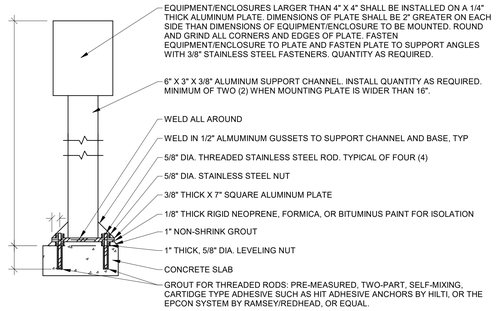


ELEVATION

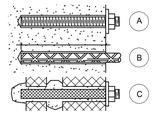
DETAIL NOTES:

1. DIRECTION OF CONDUIT TO BE DETERMINED BY FIELD APPLICATION.
2. NUMBER AND SIZE OF SECONDARY CONDUITS SHOWN ON DRAWINGS AND RISER DIAGRAM.
3. IF FENDER POSTS ARE REQUIRED EXTEND CONDUITS 18 INCHES BEYOND THE FENDER POSTS.
4. IF PULL BOXES ARE REQUIRED TO FACILITATE INSTALLATION OF THE CABLE, THEY SHALL BE LOCATED 18" BEYOND FENDER POS.
5. FINISH GRADE SHALL SLOPE AWAY FROM BUILDINGS.
6. ALL BACKFILL SHALL BE WELL TAMPED.
7. CONCRETE 5000 PSI @ 28 DAYS.
8. PAD SHALL MEET H-20 BRIDGE LOADING PLUS 30% IMPACT, REPETITVE LOADING CONDITION PER AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS SPECIFICATIONS.
9. 3/4" CHAMFER ALL EXPOSED EDGES, INCLUDING OPENING.
10. ALL BURRS AND SHARP POINT PROJECTIONS ARE TO BE REMOVED.
11. BARRIER POSTS SHALL BE 7'-0" IN LENGTH, 4" MINIMUM DIAMETER GALVANIZED STEEL (OR PAINTED STEEL) PIPE FILLED WITH CONCRETE. SET AT A DEPTH OF 3'-0" BELOW FINAL GRADE AND ENCASED IN A 12" DIAMETER CONCRETE BASE.

10 TRANSFORMER PAD DETAIL
SCALE: NOT TO SCALE



8 TYPICAL MOUNTING PEDESTAL AT SLAB ON-GRADE-DETAIL
SCALE: NOT TO SCALE



A THREADED ROD IN SOLID CONCRETE OR SOLIDLY GROUTED CONCRETE BLOCK 3/4" DIA ROD UNO

B REINFORCING BAR IN SOLID CONCRETE #6 BAR UNO

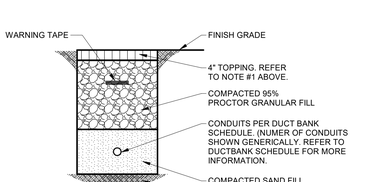
C REINFORCING BAR OR THREADED ROD IN HOLLOW MASONRY #6 BAR OR 3/4" DIA ROD - UNO. WITH 3/4" NOMINAL STAINLESS STEEL SCREEN TUBE

BAR/ROD SIZE	EMBEDMENT DEPTH
#4 OR 1/2"	5"
#5 OR 5/8"	6"
#6 OR 3/4"	7"
#7 OR 7/8"	8"
#8 OR 1"	9"

GENERAL NOTES

1. COMPLY WITH MANUFACTURERS REQUIREMENTS FOR INSTALLATION.
2. ADHESIVE ANCHOR: DRILLED-IN AND CAPSULE ANCHOR SYSTEM CONTAINING POLYVINYL OR URETHANE METHACRYLATE-BASED RESIN AND ACCELERATOR, OR INJECTED POLYMER OR FYBRID MORTAR ADHESIVE. PROVIDE ANCHOR BOLTS AND HARDWARE WITH ZINC-COATED STEEL FOR INTERIOR APPLICATIONS AND STAINLESS STEEL FOR EXTERIOR APPLICATIONS. SELECT ANCHOR BOLTS WITH STRENGTH REQUIRED FOR ANCHOR AND AS TESTED ACCORDING TO ASTM E 488, "TEST METHODS FOR STRENGTH OF ANCHORS IN CONCRETE AND MASONRY ELEMENTS", OR EQUIVALENT INDUSTRY STANDARD.

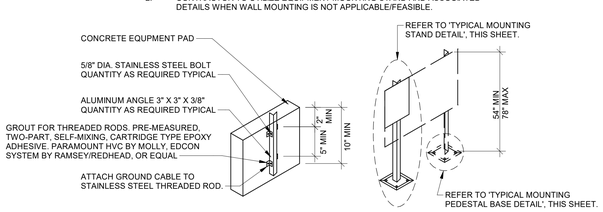
7 TYPICAL CHEMICAL ANCHORS
SCALE: NOT TO SCALE



6 TYPICAL SAND-FILLED TRENCH
SCALE: NOT TO SCALE

NOTES:

1. EQUIPMENT/ENCLOSURES LARGER THAN 4" X 4" SHALL BE INSTALLED ON A 1/4" THICK ALUMINUM MOUNTING PLATE. TWO POSTS ARE REQUIRED FOR EQUIPMENT/ENCLOSURES WIDER THAN 12". MOUNTING PLATE SHALL BE 2" GREATER ON EACH SIDE THAN DIMENSION OF EQUIPMENT/ENCLOSURE TO BE MOUNTED. ROUND AND GRIND ALL CORNERS AND EDGES OF PLATE. FASTEN EQUIPMENT/ENCLOSURE TO PLATE AND FASTEN PLATE TO SUPPORT ANGLES WITH 3/8" STAINLESS STEEL FASTENERS. QUANTITY AS REQUIRED. PROVIDE #2 GROUND TO GROUND GRID.
2. CONTRACTOR TO UTILIZE EQUIPMENT MOUNTING STAND AND ASSOCIATED DETAILS WHEN WALL MOUNTING IS NOT APPLICABLE/FEASIBLE.

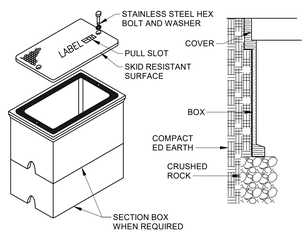


SIDE MOUNTED ON CONCRETE EQUIPMENT PAD FREE STANDING

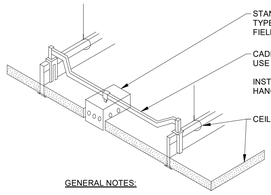
9 TYPICAL MOUNTING PEDESTAL INSTALLATION DETAIL
SCALE: NOT TO SCALE

GENERAL NOTES:

1. CONSTRUCTION SHALL BE A POLYMER CONCRETE
2. HANDHOLE TO HAVE 15,000 LB DESIGN LOAD AND 22,500LB TEST LOAD
3. ALL HARDWARE SHALL BE STAINLESS STEEL. PROVIDE SLEEVES FOR ALL PENETRATIONS AS NECESSARY.
4. BOTTOM SHALL BE OPEN FOR DRAINAGE.
5. PROVIDE LOGO ON COVER 'ELECTRIC'. COVER TO BE SECURED WITH PENTA BOLTS.
6. HANDHOLES MUST MEET ALL APPLICABLE REQUIREMENTS OF ANSI/SCTE 77.
7. HANDHOLES SHALL MEET MINIMUM SIZE REQUIREMENTS IN ACCORDANCE WITH NEC ARTICLE 314.30.
8. PROVIDE AS SPLIT HANDHOLE WHERE BOTH POWER AND COMMUNICATION ARE PRESENT CONTRACTOR TO FIELD VERIFY



5 TYPICAL HANDHOLE DETAIL
SCALE: NOT TO SCALE

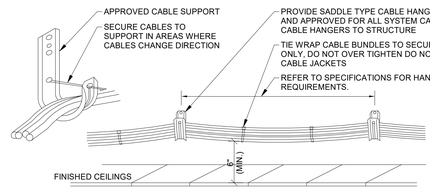


GENERAL NOTES:

A. IN AREAS RECEIVING CEILINGS ALL CEILING MOUNTED ITEMS DETECTORS, SPEAKERS, ETC) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'X4' PANEL SCORED TO A 2'X2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'X2' PORTION.

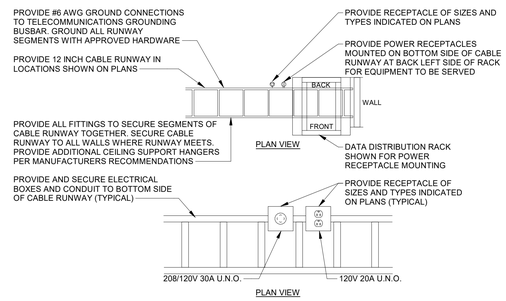
B. PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

4 CEILING MOUNTING DEVICE DETAIL
SCALE: NOT TO SCALE

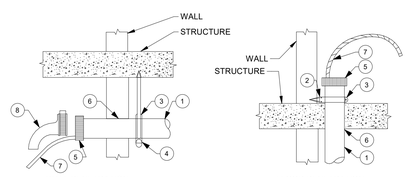


INSTALLATION NOTES:
1. LOCATE CABLE BUNDLES A MINIMUM OF 6" ABOVE REMOVABLE CEILINGS TO MAINTAIN CLEARANCE (ALONG WALLS WHERE POSSIBLE). LOCATE IN AREAS THAT ARE ACCESSIBLE
2. USE 2 OR MORE CABLE HANGERS AT ALL TURNS TO MAINTAIN MANUFACTURER'S BEND RADIUS REQUIREMENTS.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLE AND HANGER INSTALLATION REQUIREMENTS.

3 LOW VOLTAGE CABLING INSTALLATION WITH CABLE HANGERS
SCALE: NOT TO SCALE



2 TYPICAL TELECOMMUNICATIONS ROOM CABLE RUNWAY
SCALE: NOT TO SCALE



1. EMT CONDUIT 6"-8" PENETRATION BOTH SIDES
2. SECUTLEY ANCHOR 12GA. CHANNEL TO WALL.
3. EMT STRAPS.
4. CHANNEL AND STRAP SUPPORT SECURELY ANCHORED TO STRUCTURE ABOVE.
5. PLASTIC INSULATING BUSHING. BRIDGEPORT CATALOG # TWB-53 FOR 1". (WW.BPTFITTINGS.COM)
6. FIRESTOP AS REQUIREED BY LOCAL FIRE CODE.
7. PROVIDE PULL STRINGS AND SECURE AT BOTH ENDS.
8. PROVIDE 4" CABLE SPILLWAY FOR USE WITH 4" SLEEVES IN DATA ROOMS IN LEU OF INSULATING BUSHING. CABLE MANAGEMENT CORP. PART # CM-1004A. (WWW.CABLEMANAGEMENTCORP.COM)

1 TYPICAL PENETRATION FOR COMMUNICATIONS CABLING
SCALE: NOT TO SCALE

GENERAL NOTES:

A. SEE DRAWING SHEET FOR APPLICABLE GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · 090178 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET
DATE: 8/17/26
SCALE:
SHEET NAME: Details and Diagrams
SHEET NUMBER: E-503

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

IT / AV RESPONSIBILITY MATRIX

ELECTRICAL CONTRACTOR	SUNY NEW PALTZ IT SERVICES
• PROVIDE TEST, AND TERMINATE ALL CAT 6 AND 6A DATA CABLING. • EXTEND EXISTING FIBER-OPTIC CABLES FROM TELECOMMUNICATIONS ROOM 609 TO ELECTRIC CLOSET 108, TEST, AND TERMINATE FIBER OPTIC CABLES WITH TYPE LC/APC CONNECTORS. • EXTEND EXISTING NETWORK COPPER CABLES FROM TELECOMMUNICATIONS ROOM 609 TO ELECTRIC CLOSET 108, TEST, AND TERMINATE. • EXTEND EXISTING TELEPHONE COMMUNICATION CABLES FROM TELECOMMUNICATIONS ROOM 609 TO ELECTRIC CLOSET 108, TEST, AND TERMINATE. • PROVIDE MASS NOTIFICATION SYSTEM IN ACCORDANCE WITH SPECIFICATIONS 275117. • PROVIDE TWO WAY RESCUE COMMUNICATIONS SYSTEM IN ACCORDANCE WITH SPECIFICATIONS 255322. • PROVIDE MASS NOTIFICATION SYSTEM / FIRE ALARM SYSTEM INTERFACE COMMUNICATIONS CABLING, TERMINATED AND TESTED. • PROVIDE DOOR ACCESS AND CONTROL SYSTEM, SYSTEM CABLING, AND ASSOCIATED COMPONENTS.	• PROVIDE NETWORK RACK ENCLOSURES. • PROVIDE, TEST, AND COMMISSION ALL NETWORK HEAD ELECTRONICS. • PROVIDE WIRELESS ACCESS POINTS, HARDWARE, AND HEAD-END EQUIPMENT, SOFTWARE, AND LICENSES, AND APPURTENANCES. • PROVIDE DOOR ACCESS CONTROL SOFTWARE AND LICENSES. • PROVIDE CCTV HEAD-END ELECTRONICS, SOFTWARE, CAMERAS, AND LICENCES. • PROVIDE MASS NOTIFICATION SYSTEM HEADEND ELECTRONICS, SOFTWARE, LICENSES, HARDWARE, ZONE CONTROL MODULE FOR FIRE ALARM INTERFCE.

GENERAL NOTES:

A. SEE DRAWING SHEET FOR APPLICABLE GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

RIcca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



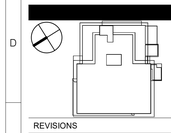
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
Tables, Details and Diagrams

SHEET NUMBER:
E-504

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

GENERAL NOTES:

(D1) DISCONNECT AND REMOVE PACKAGED UNIT SUBSTATION AND ALL ASSOCIATED COMPONENTS, IN ITS ENTIRETY. SEE ONE-LINE DIAGRAMS AND SPECIFICATIONS FOR INFORMATION

(D2) BREAKER IDENTIFIED AS "PANEL B" COULD NOT BE LOCATED IN BUILDING DURING CASUAL FIELD INVESTIGATIONS. CONTRACTOR IS TO TRACE CIRCUITRY BACK TO ACTUAL LOAD AND INDENTIFY. PROVIDE BREAKER ASSIGNMENT ID AT LOAD AND LOAD DESCRIPTION AT MDP1 BREAKER. PROVIDE WRITTEN REPORT TO ENGINEER.

(D3) DISCONNECT AND REMOVE POWER PANEL, PANEL FEEDER, AND ALL ASSOCIATED BRANCH CIRCUITRY COMPLETE TO SOURCE, UNO. IDENTIFY ABANDONED SOURCE BREAKER AS SPARE.

(D4) DISCONNECT AND REMOVE GENERATOR, ATS, AND ASSOCIATED COMPONENTS COMPLETE TO SOURCE.

(D5) DISCONNECT PANEL FEEDER SERVING PANEL REF-1 AND ASSOCIATED COMPONENTS, PULL BACK, SECURE, IDENTIFY, AND PREPARE FOR EXTENSION TO NEW POWER SOURCE. SEE ONE-LINE DIAGRAM FOR INFORMATION.

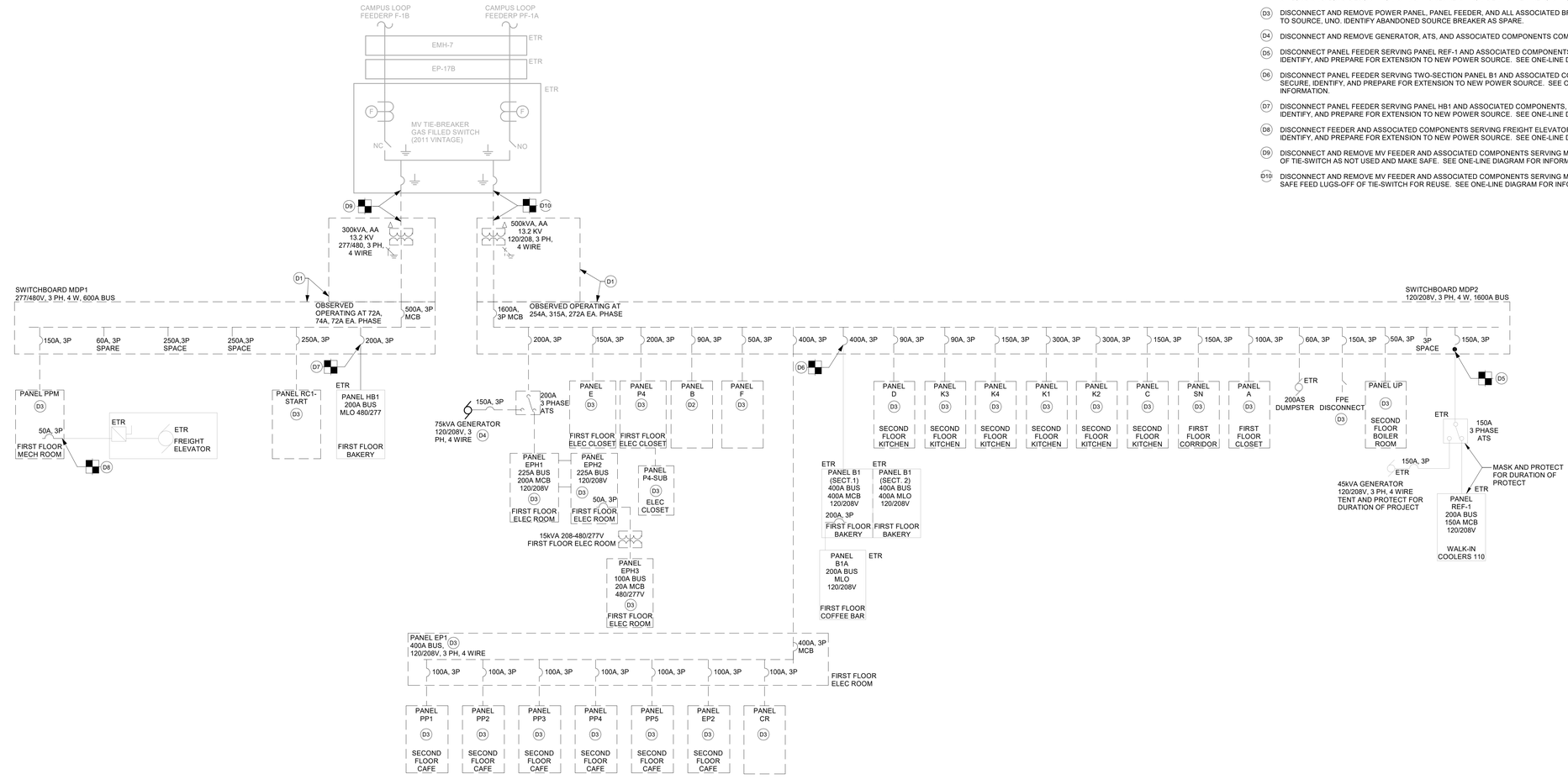
(D6) DISCONNECT PANEL FEEDER SERVING TWO-SECTION PANEL B1 AND ASSOCIATED COMPONENTS, PULL BACK, SECURE, IDENTIFY, AND PREPARE FOR EXTENSION TO NEW POWER SOURCE. SEE ONE-LINE DIAGRAM FOR INFORMATION.

(D7) DISCONNECT PANEL FEEDER SERVING PANEL HB1 AND ASSOCIATED COMPONENTS, PULL BACK, SECURE, IDENTIFY, AND PREPARE FOR EXTENSION TO NEW POWER SOURCE. SEE ONE-LINE DIAGRAM FOR INFORMATION

(D8) DISCONNECT FEEDER AND ASSOCIATED COMPONENTS SERVING FREIGHT ELEVATOR, PULL BACK, SECURE, IDENTIFY, AND PREPARE FOR EXTENSION TO NEW POWER SOURCE. SEE ONE-LINE DIAGRAM FOR INFORMATION.

(D9) DISCONNECT AND REMOVE MV FEEDER AND ASSOCIATED COMPONENTS SERVING MDP1. LABEL FEED LUGS-OFF OF TIE-SWITCH AS NOT USED AND MAKE SAFE. SEE ONE-LINE DIAGRAM FOR INFORMATION.

(D10) DISCONNECT AND REMOVE MV FEEDER AND ASSOCIATED COMPONENTS SERVING MDP2. PREPARE AND MAKE SAFE FEED LUGS-OFF OF TIE-SWITCH FOR REUSE. SEE ONE-LINE DIAGRAM FOR INFORMATION.



UTILITY NOTE:
CONTRACTOR TO THOROUGHLY COORDINATE ALL WORK AND PAHSING ASSOCIATED WITH MV CAMPUS LOOP CONNECTIONS WITH CAMPUS REPRESENTATIVE AND ELECTRIC UTILITY CONTACT.
CENTRAL HUDSON GAS & ELECTRIC
JASON MALIZIA
jmalizia@cenhud.com
TELE: 845-563-4529

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZAS · LICENSED PROFESSIONAL ENGINEER · 090178

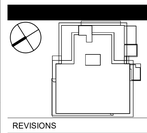
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE: 1/8" = 1'-0"

SHEET NAME:
ONE-LINE DIAGRAM DEMOLITION

SHEET NUMBER:

E-601

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

GENERAL DIAGRAM NOTES:

A ZONE SELECTIVE INTERLOCK CONTROL CIRCUITRY NOT SHOWN FOR CLARIFY, PROVIDE ZONE INTERLOCK CIRCUITRY AND ASSOCIATED COMPONENTS. SEE SPECIFICATIONS FOR INFORMATION.

B PROVIDE THERMAL MAGNETIC TRIP FOR BREAKERS HAVING TRIP RATINGS UP TO 249AMPS. SQUARE D (OR EQUAL BY SIEMENS, EATON), UNLESS NOTED OTHERWISE

C PROVIDE 100% RATED BREAKERS FOR FRAME SIZES OF 250 AMPS AND ABOVE. SQUARE D (OR EQUAL BY SIEMENS, EATON)

D PROVIDE FIELD ADJUSTABLE LSI ELECTRONIC TRIP UNITS ON BREAKERS RATED 250A UP TO 800A. SQUARE D (OR EQUAL BY SIEMENNS, EATON)

E PROVIDE FIELD ADJUSTABLE LSIG ELECTRONIC TRIP UNITS ON BREAKERS RATED 800A AND LARGER. SQUARE D (OR EQUAL BY SIEMENS, EATON)

F PROVIDE FIELD ADJUSTABLE LSIG ELECTRONIC TRIP UNITS ON BREAKERS RATED 800A AND LARGER. SQUARE D MICROLOGIC 6.0 (OR EQUAL BY SIEMENS, EATON)

G FIELD CONFIGURE ADJUSTABLE ELECTRONIC TRIP SETTINGS BASED ON POWER COORDINATION STUDY AND APPROVED EQUIPMENT SUBMITTALS.

H PROVIDE PERMANENT EQUIPMENT LABELS MATCHING NOMANCLATURE INDICATED IN ACCODANCE WITH IDENTIFICATION FOR ELECTRICAL SYSTEMS SPECIFICATIONS.

I PROVIDE ARC FLASH IDENTIFICATION LABELS ON ALL DISTRIBUTION EQUIPMENT IN ACCORDANCE WITH IDENTIFICATION FOR ELECTRICAL SYSTEMS SPECIFICATIONS.

J COORDINATE ALL WORK ON SITE WITH CAMPUS PROJECT REPRESENTATIVE AND LOCAL UTILITY REPRESENTATIVE.

K SEE PANEL SCHEDULES AND LAYOUTS FOR EQUIPMENT INTERRUPT AIC RATINGS.

L SET ADJUST SETTINGS IN ACCORDANCE WITH SECTION 26057 " OVERCURRENT PROTECTIVE DEVICE SHORT-CIRCUIT STUDY" AND SECTION 260573.16" COORDIANATION STUDIES.

M DISTRIBUTION EQUIPMENT TO BE CONFIGURED TO ALLOW METERING OF THE TOTAL BUILDING-ELECTRICAL ENERGY, HVAC SYSTEMS, INTERIOR LIGHTING, EXTERIOR LIGHTING, AND RECEPTACLE LOADS.

KEYED POWER NOTES THIS PLAN:

P12 PROVIDE MANUFACTURER SPECIFIED CONTROL CIRCUITRY IN 1" CONDUIT AND CONNECT, (1) CAT 6 AND (2) #14 STP, VERIFY WITH APPROVED MANUFACTURER. CONFIRM LOCATIONS WITH DIRECTORS REPRESENTATIVE PRIOR TO ROUGH-IN. ALLOW 400 LF OF CIRCUITRY FOR BIDDING PURPOSES.

P13 GROUND AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH NEC ARTICLE 250. SEE DETAIL 5/E-501

P14 PROVIDE POWER SYSTEM COORDINATION STUDY ASSOCIATED WITH WORK PERFORMED THIS PROJECT. SEE SPECIFICATIONS SECTION 260573 FOR INFORMATION AND ADDITIONAL REQUIREMENTS.

P15 SEE KITCHEN CONNECTION SCHEDULE.

P16 PROVIDE LOAD BANK, MAJOR FAULT PROTECTION, BRANCH FUSES SHALL BE PROVIDED ON ALL THREE PHASES OF SWITCHED OF ALL LOAD STEPS. BRANCH FUSES SHALL BE CURRENT LIMITING TYPE WITH AN INTERRUPTING RATING OF 200K A.I.C.

P17 PROVIDE CUSTOMER METERING PACKAGE AND ASSOCIATED COMPONENTS.

P18 PROVIDE EQUIPMENT PAD FOR DOCKING STATION. COORDINATE INSTALLATION WITH ALL TRADES AND DIRECTOR OF FACILITIES PRIOR TO START OF WORK.

P19 PROVIDE MANUFACTURER'S FURNISHED MOUNTING RACK / BRACKETS / DUNNAGE, SIZED PER APPROVED EQUIPMENT SUBMITTALS.

P20 PROVIDE IP COMMUNICATIONS MODULE AND COMMUNICATIONS MODULE AND CAT6 ETHERNET CABLING AND CONNECTIONS WITHIN DISTRIBUTION PANEL. PROVIDE SOFTWARE AND PROGRAMING TO CONFIGURE SETTINGS IN ACCORDANCE WITH POWER COORDINATION STUDIES OVER-CURRENT SELECTION RECOMMENDATIONS.

P21 PROVIDE TIME DELAY ON LOAD BANK FOR AUTOMATIC TESTING IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, TO ALLOW FOR GENSET TO STABILIZE PRIOR LOAD TRANSFER UPON START UP,

P22 INTERLOCK TRANSFER SWITCH AUXILLARY SWITCHES WITH LOAD BANK DUMP CIRCUIT, SO TO DISCONNECT LOAD BANK DURING UTILITY POWER OUTAGES.

P23 PROVIDE (9) 4" CONDUITS WITH PULL STRINGS FOR FUTURE USE.

P24 PROVIDE TRANSFER SWITCH WITH SPECIFIC BREAKER COMBINATION TO PROVIDE MINIMUM WCR OF 65KA AT 480V

P1 PANEL RE-NAMED AS PART OF THIS PROJECT. REMOVE PANEL INDENTIFICATION LABEL AND REPLACE WITH NEW LABEL MATCHING IDENTIFICATION SHOWN

P2 PROVIDE TYPE-WRITTEN PANEL DIRECTORY ACCURRATELY IDENTIFYING ALL LOADS SERVED FROM PANEL. IDENTIFY ALL UNUSED BREAKERS AS "SPARE" AND SWITCH TO THE OFF POSITION.

P3 PROVIDE COMPLETE MV PACKAGED UNIT-SUBSTATION AND ASSOCIATED COMPONENTS ON 4" CONCRETE HOUSE KEEPING PAD. TEST, ADJUST AND PROGRAM FOR COMPLETE AND PROPER OPERATION. ADHERE TO CENTRAL HUDSON SPECIFICATIONS

P4 MODIFY/EXTEND PANEL FEEDER SERVING PANEL SB1REF-1 FOR CONNECTION TO UT1HMDP THROUGH TRANSFORMER SB1RED1-T

P5 MODIFY/EXTEND PANEL FEEDER SERVING TWO SECTION PANEL SB1LB1 FOR CONNECTION TO SB1LDP.

P6 MODIFY/EXTEND PANEL FEEDER SERVING PANEL UTHB1 FOR CONNECTION TO SB1HDP.

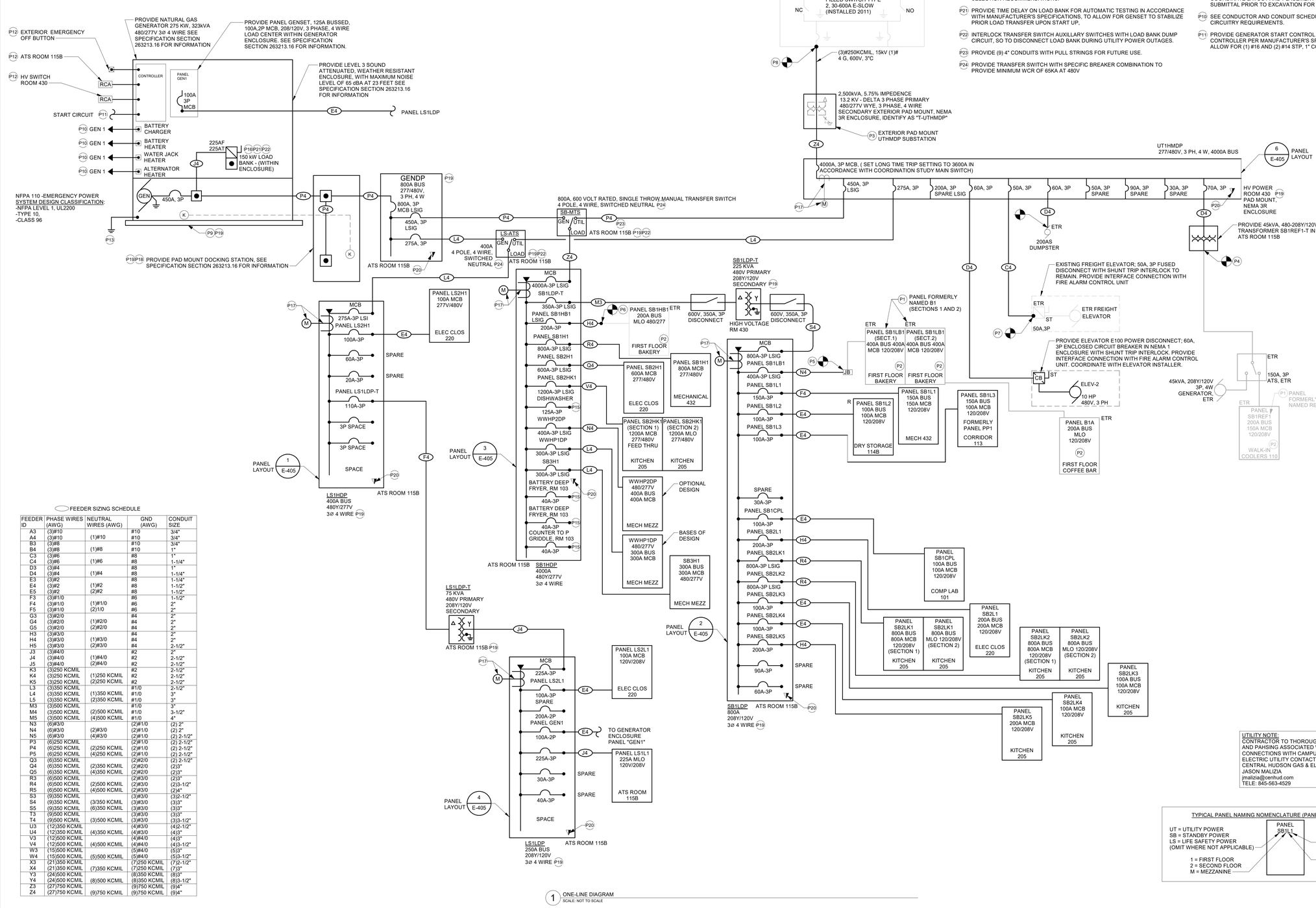
P7 MODIFY/EXTEND FEEDER AND ASSOCIATED COMPONENTS SERVING FREIGHT ELEVATOR FOR CONNECTION TO UTHMDP.

P8 PROVIDE 15kV MV FEEDER AND ASSOCIATED COMPONENTS FROM LUGS-OFF OF TIE-SWITCH TO SERVE UTHMDP SUBSTATION. ADJUST TRIP SETTINGS AT FUSED TIE-SWITCH IN ACCORDANCE WITH POWER COORDINATION STUDY. COORDINATE ON SITE WITH CENTRAL HUDSON REPRESENTATIVE

P9 PROVIDE GENERATOR PAD, COORDINATE INSTALLATION OF EQUIPMENT PAD WITH ALL TRADES AND DIRECTOR OF FACILITIES PRIOR TO START OF WORK. COORDINATE LAYOUT AND PLACEMENT OF UTILITY STUB-UPS WITH APPROVED SUBMITTAL PRIOR TO EXCAVATION FOR GENERATOR.

P10 SEE CONDUCTOR AND CONDUIT SCHEDULE AND SPECIFICATIONS FOR CIRCUITRY REQUIREMENTS.

P11 PROVIDE GENERATOR START CONTROL CIRCUITRY FROM ATS TO GENERATOR CONTROLLER PER MANUFACTURER'S SPECIFICATIONS FOR BIDDING PURPOSES ALLOW FOR (1) #16 AND (2) #14 STP, 1" CONDUIT, VERIFY IN FIELD.



FEEDER SIZING SCHEDULE

FEEDER ID	PHASE WIRES (AWG)	NEUTRAL WIRES (AWG)	GND (AWG)	CONDUIT SIZE
A3	(3)#10		#10	3/4"
A4	(3)#10	(1)#10	#10	3/4"
B3	(3)#8		#10	3/4"
B4	(3)#8	(1)#8	#10	1"
C3	(3)#6		#8	1"
C4	(3)#6	(1)#6	#8	1-1/4"
D3	(3)#4		#8	1"
D4	(3)#4	(1)#4	#8	1-1/4"
E3	(3)#2		#8	1-1/4"
E4	(3)#2	(1)#2	#8	1-1/2"
E5	(3)#2	(2)#2	#8	1-1/2"
F3	(3)#1/0		#6	1-1/2"
F4	(3)#1/0	(1)#1/0	#6	2"
F5	(3)#1/0	(2)1/0	#6	2"
G3	(3)#2/0		#4	2"
G4	(3)#2/0	(1)#2/0	#4	2"
G5	(3)#2/0	(2)#2/0	#4	2"
H3	(3)#3/0		#4	2"
H4	(3)#3/0	(1)#3/0	#4	2"
H5	(3)#3/0	(2)#3/0	#4	2-1/2"
J3	(3)#4/0		#2	2"
J4	(3)#4/0	(1)#4/0	#2	2-1/2"
J5	(3)#4/0	(2)#4/0	#2	2-1/2"
K3	(3)250 KCMIL		#2	2-1/2"
K4	(3)250 KCMIL	(1)250 KCMIL	#2	2-1/2"
K5	(3)250 KCMIL	(2)250 KCMIL	#2	2-1/2"
L3	(3)350 KCMIL		#1/0	2-1/2"
L4	(3)350 KCMIL	(1)350 KCMIL	#1/0	3"
L5	(3)350 KCMIL	(2)350 KCMIL	#1/0	3"
M3	(3)500 KCMIL		#1/0	3"
M4	(3)500 KCMIL	(2)500 KCMIL	#1/0	3-1/2"
M5	(3)500 KCMIL	(4)500 KCMIL	#1/0	4"
N3	(6)#3/0		(2)#1/0	(2) 2"
N4	(6)#3/0	(2)#3/0	(2)#1/0	(2) 2"
N5	(6)#3/0	(4)#3/0	(2)#1/0	(2) 2-1/2"
P3	(6)250 KCMIL		(2)#1/0	(2) 2-1/2"
P4	(6)250 KCMIL	(2)250 KCMIL	(2)#1/0	(2) 2-1/2"
P5	(6)250 KCMIL	(4)250 KCMIL	(2)#1/0	(2) 2-1/2"
Q3	(6)350 KCMIL		(2)#2/0	(2) 2-1/2"
Q4	(6)350 KCMIL	(2)350 KCMIL	(2)#2/0	(2)3"
Q5	(6)350 KCMIL	(4)350 KCMIL	(2)#2/0	(2)3"
R3	(6)500 KCMIL		(2)#3/0	(2)3"
R4	(6)500 KCMIL	(2)500 KCMIL	(2)#3/0	(2)3-1/2"
R5	(6)500 KCMIL	(4)500 KCMIL	(2)#3/0	(2)4"
S3	(9)350 KCMIL		(3)#3/0	(3)2-1/2"
S4	(9)350 KCMIL	(3)350 KCMIL	(3)#3/0	(3)3"
S5	(9)350 KCMIL	(6)350 KCMIL	(3)#3/0	(3)3"
T3	(9)500 KCMIL		(3)#3/0	(3)3"
T4	(9)500 KCMIL	(3)500 KCMIL	(3)#3/0	(3)3-1/2"
U3	(12)350 KCMIL		(4)#3/0	(4)2-1/2"
U4	(12)350 KCMIL	(4)350 KCMIL	(4)#3/0	(4)3"
V3	(12)500 KCMIL		(4)#4/0	(4)3"
V4	(12)500 KCMIL	(4)500 KCMIL	(4)#4/0	(4)3-1/2"
W3	(15)500 KCMIL		(5)#4/0	(5)3"
W4	(15)500 KCMIL	(5)500 KCMIL	(5)#4/0	(5)3-1/2"
X3	(21)350 KCMIL		(7)250 KCMIL	(7)2-1/2"
X4	(21)350 KCMIL	(7)350 KCMIL	(7)250 KCMIL	(7)3"
Y3	(24)500 KCMIL		(8)350 KCMIL	(8)3"
Y4	(24)500 KCMIL	(8)500 KCMIL	(8)350 KCMIL	(8)3-1/2"
Z3	(27)750 KCMIL		(9)750 KCMIL	(9)4"
Z4	(27)750 KCMIL	(9)750 KCMIL	(9)750 KCMIL	(9)4"

1 ONE-LINE DIAGRAM
SCALE: NOT TO SCALE

UTILITY NOTE:
CONTRACTOR TO THOROUGHLY COORDINATE ALL WORK AND PAHSING ASSOCIATED WITH MV CAMPUS LOOP CONNECTIONS WITH CAMPUS REPRESENTATIVE AND ELECTRIC UTILITY CONTACT,
CENTRAL HUDSON GAS & ELECTRIC
JASON MALIZIA
jmalizia@cenhud.com
TELE: 845-563-4529

TYPICAL PANEL NAMING NOMENCLATURE (PANEL ADDED THIS PROJECT)

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · EDWARD J. CABEZAS · 090478 · LICENSED PROFESSIONAL ENGINEER

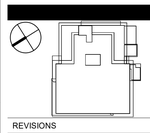
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

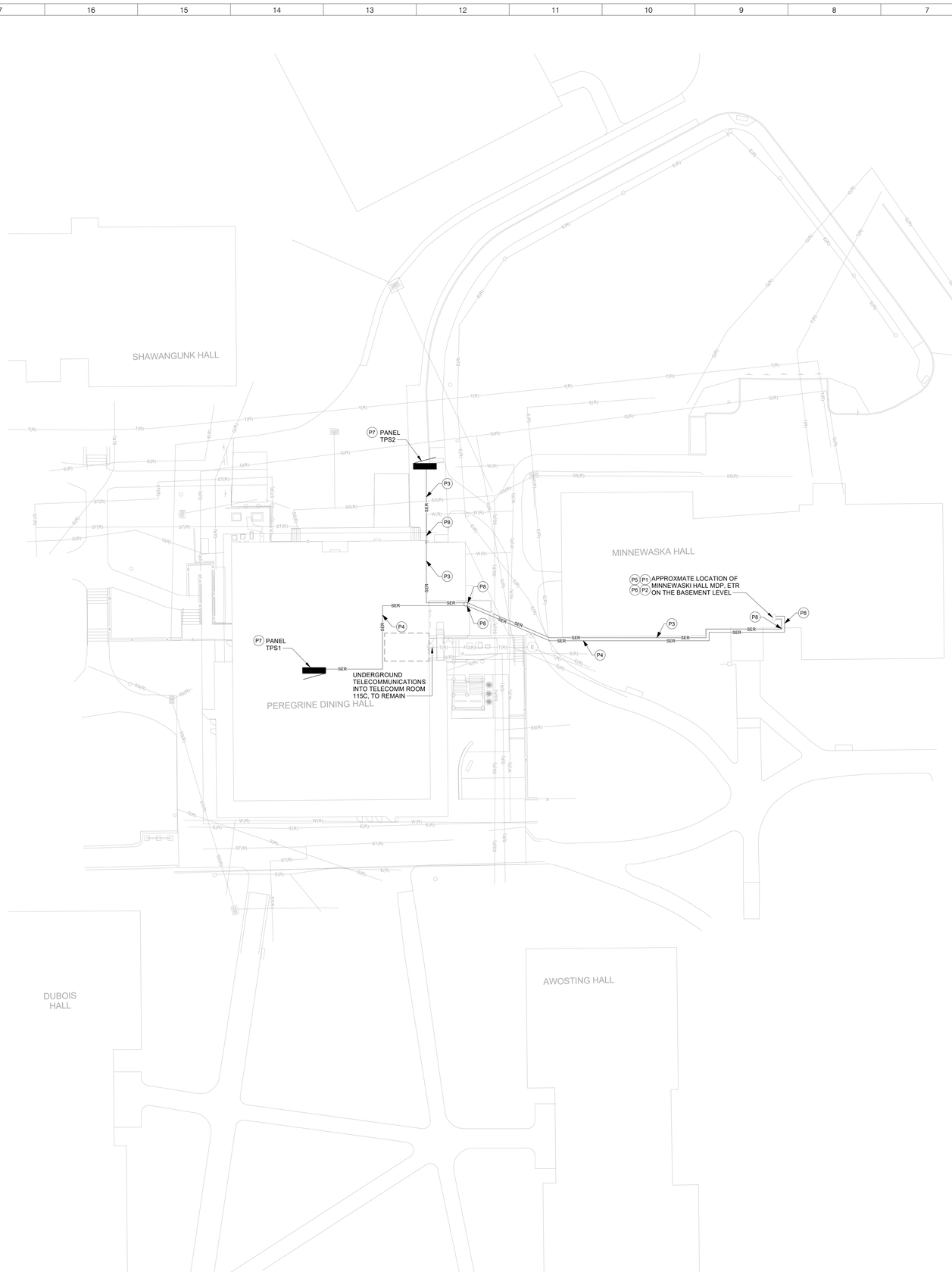
SCALE: 1/8" = 1'-0"

SHEET NAME: ONE-LINE DIAGRAM

SHEET NUMBER: E-602

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY PLAN
30" = 1'-0"

SCALE: 1" = 30'-0"
0' 15' 30' 60'

GENERAL NOTES:

A. ALL EXISTING CONDITIONS HAVE BEEN SURVEYED OR DESIGNED BY OTHERS. NO WARRANTY OF THE ACCURACY OF THE LOCATIONS OF EXISTING SITE IMPROVOMENTS BY OTHERS AS SHOWN HEREON IS EXPRESSED OR IMPLIED BY WATTS ENGINEERS.

B. THE CONTRACTOR SHALL VERIFY ALL GRADES, ELEVAATIONS AND DIMENSIONS IN THE FIELD. ANY DISCREPANCIES AND/OR CONFICTS WITH OTHER EXISTING OR PROPOSED IMPROVEMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER FOR RESOLUTION.

C. THE CONTRACTOR SHALL RESTORE ALL EXISTING SITE IMPROVEMENTS TO THEIR ORGINAL CONDITION AS NECESSARY INCLUDING EXISTING UTILITIES, LAWN AREAS, SIDEWALKS, PAVEMENT, CURBS, SIGNS, FENCES, ETC.

D. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING SITE UTILITIES DURING CONSTRUCTION. THE CONTRACTOR IS REPONSIBLE FOR ANY DISRUPTION OF UTILITY SERVICES AND DAMAGE TO EXISTING SITE IMPROVEMENTS, INCLUDING UNDERGROUND UTILITIES, RESULTING FROM THE OPERATIONS IN EXECUTION OF THE WORK.

E. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE WORK AREA AND PROVIDE SAFETY BARRIERS AROUND ANY AREAS OF INCOMPLETE WORK. MINIMUM REQUIREMENTS SHALL BE THAT ANY OPEN TRENCHES SHALL BE SURROUNDED BY CONTINOUS FOUR-FOOT HIGH ORANGE PLASITC CONSTRUCTION BARRIER FENCING OR COVERED WITH 1-INCH THICK STEEL PLATE

F. UPON SUBSTANTIAL COMPLETION, ALL TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITES ARE TO BE REMOVED AND PROPERLY DISPOSED OF. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL IMPACTED EXISTING TO REMAIN EQUIPMENT AND COMPONENTS TO PRE-CONSTRUCTION CONDITION.

G. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGEND, AND ABBREVIATIONS.

H. CONTRACTOR IS TO THOROUGHLY COORDINATE ALL WORK AND PROJECT PHASING ON SITE WITH OWNER'S REPRESENTATIVE AND ALL TRADES.

J. CONTRACTOR TO IDENTIFY ALL SUB-SURFACE UTILIYIES ON SITE PRIOR TO BEGINNING ANY EXCAVATIONS.

K. CONTRACTIR IS SOLELY RESPONSIBLE FOR ALL ASPECTS OF TEMPORARY CONSTRUCTION UTILITIES DURING THE CONSTRUCTION PHASE.

L. CONTRACTOR TO THOROUGHLY COORDINATE THE ROUTING OF ALL CONDUITS AND PULL BOX LOCATIONS ON SITE WITH ALL TRADES AND UTILITY PROVIDERS, PRIOR TO START OF WORK, TO AVOID CONFLICTS.

KEYED POWER AND SYSTEMS NOTES, THIS SHEET:

(P1) UTILIZE ONE (1) EXISTING SPARE UN-USED 208V, 3 PHASE - 200A, 3P, EATON TYPE EDS BREAKER WITHIN MINNEWASKA HALL MDP, TO SERVE AS TEMPORARY POWER SOURCE FOR CONTRACTORS TRAILERS PANEL TPS2. SEE TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION. PROVIDE TEMPORARY INDENTIFICATION.

(P2) UTILIZE ONE (1) EXISTING SPARE UN-USED 208V, 3 PHASE - 200A, 3P, EATON TYPE EDS BREAKER WITHIN MINNEWASKA HALL MDP, TO SERVE AS TEMPORARY POWER SOURCE FOR INTERIOR POWER PANNEL TPS1. SEE TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION. PROVIDE TEMPORARY INDETIFICATION.

(P3) PROVIDE TEMPORARY, ABOVE GROUND CONSTRUCTION PHASE POWER CIRCUITRY FEEDER AND APPURTENCES FROM MINNEWASKA HALL MDP TO CONTRACTOR'S TRAILERS TEMPORARY PANEL TPS2. APPROXIMATE ROUTING OF FEEDER SHOWN FOR BIDDING PURPOSES. E-CONTRACTOR TO CONFIRM ROUTING IN FIELD WITH CAMPUS REPRESENTATIVE. SEE TEMPORARY CONSTRUCTION ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION.

(P4) PROVIDE TEMPORARY, ABOVE GROUND CONSTRUCTION PHASE POWER CIRCUITRY FEEDER AND APPURTENCES FROM MINNEWASKA HALL MDP TO CONTRACTOR'S INTERIOR TEMPORARY PANEL TPS1. APPROXIMATE ROUTING OF FEEDER SHOWN FOR BIDDING PURPOSES. E-CONTRACTOR TO CONFIRM ROUTING IN FIELD WITH CAMPUS REPRESENTATIVE. SEE TEMPORARY CONSTRUCTION ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION.

(P5) PROVIDE TEMPORARY, CONSTRUCTION PHASE CT-CABINET, METER SOCKET, UTILITY METERING, AND APPURTENCES TO METER CONTRACTOR'S INTERIOR TEMPORARY PANEL TPS1 USEAGE.

(P6) PROVIDE TEMPORARY, CONSTRUCTION PHASE CT-CABINET, METER SOCKET, UTILITY METERING, AND APPURTENCES TO METER CONTRACTOR'S TRAILERS TEMPORARY PANEL TPS2 USEAGE.

(P7) PROVIDE TEMPORARY CONSTRUCTION PHASE POWER PANEL INDICATED AND ASSOCIATED PESDESTAL MOUNTING ASSEMBLY. COMFORM TO PROJECT SPECIFICATIONS AND PEDESTAL DETAILS. SEE TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION. CONFIRM LOCATION ON SITE WITH ALL TRADES AND CAMPUS REPRESENTATIVE.

(P8) PROVIDE WATER-TIGHT SLEEVE AND SEAL AT TEMPORARY CONSTRUCTION PHASE CIRCUITRY INTERIOR/EXTERIOR PENETRATION. UPON COMPLETION OF WORK, REMOVE TEMPORARY CONSTRUCTION PHASE CIRCUITRY AND RESTORE EXTERIOR WALL TO PRE-CONSTRUCTION CONDITIONS.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · RICHARD J. CABEZA · 090176 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

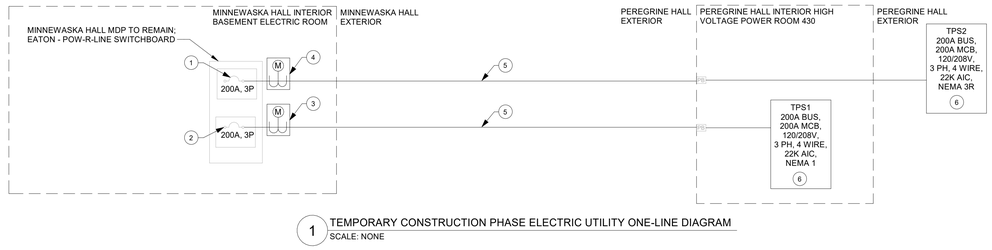
SCALE: 1/4" = 1'-0"

SHEET NAME:
TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY PLAN

SHEET NUMBER:
ETS-1

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM
SCALE: NONE

GENERAL NOTES:

A. THE CONTRACTOR SHALL MAINTAIN SERVICE OF ALL EXISTING SITE UTILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DISTRUPTION OF UTILITY SERVICES AND DAMAGE TO EXISTING SITE IMPROVEMENTS, INCLUDING UNDERGROUND UTILITIES, RESULTING FROM THE OPERATIONS IN EXECUTION OF THE WORK.

B. UPON SUBSTANTIAL COMPLETION, ALL TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITES ARE TO BE REMOVED AND PROPERLY DISPOSED OF. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL IMPACTED EXISTING TO REMAIN EQUIPMENT AND COMPONENTS TO PRE-CONSTRUCTION CONDITION.

C. REFER TO DRAWING E-000 FOR GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS.

D. CONTRACTOR IS TO THOROUGHLY COORDINATE ALL WORK AND PROJECT PHASING ON SITE WITH OWNER'S REPRESENTATIVE AND ALL TRADES.

E. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL ASPECTS OF TEMPORARY CONSTRUCTION UTILITIES DURING THE CONSTRUCTION PHASE.

F. CONTRACTOR TO THOROUGHLY COORDINATE THE ROUTING OF ALL CONDUITS AND PULL BOX LOCATIONS ON SITE WITH ALL TRADES AND UTILITY PROVIDERS, PRIOR TO START OF WORK, TO AVOID CONFLICTS.

KEYED POWER AND SYSTEMS NOTES, THIS SHEET:

1. UTILIZE ONE (1) EXISTING SPARE UN-USED 208V, 3 PHASE - 200A, 3P, EATON TYPE EDS BREAKER WITHIN MINNEWASKA HALL MDP, TO SERVE AS TEMPORARY POWER SOURCE FOR CONTRACTORS TRAILERS PANEL TPS2. SEE TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION. PROVIDE TEMPORARY INDENTIFICATION.
2. UTILIZE ONE (1) EXISTING SPARE UN-USED 208V, 2 PHASE - 200A, 3P, EATON TYPE EDS BREAKER WITHIN MINNEWASKA HALL MDP, TO SERVE AS TEMPORARY POWER SOURCE FOR INTERIOR POWER PANEL TPS1. SEE TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM FOR INFORMATION. PROVIDE TEMPORARY INDENTIFICATION.
3. PROVIDE TEMPORARY. CONSTRUCTION PHASE CT-CABINET, METER SOCKET, UTILITY METERING, AND APPURTENCES TO METER CONTRACTOR'S INTERIOR TEMPORARY PANEL TPS1 USEAGE.
4. PROVIDE TEMPORARY. CONSTRUCTION PHASE CT-CABINET, METER SOCKET, UTILITY METERING, AND APPURTENCES TO METER
5. PROVIDE TEMPORARY CONSTRUCTION PHASE POWER CIRCUITRY AND APPURTENCES FROM MINNEWASKA HALL MDP TO TEMPORARY PANEL INDICATED USING (3)#4/0, (1)#4/0N., (1)#2G. CU SER CABLE. MOUNT AND PROTECT IN ACCORDANCE WITH PROJECT SPECIFICATIONS. DISCONNECT AND REMOVED UPON COMPLETION OF PROJECT.
6. PROVIDE TEMPORARY ABOVE GROUND CONSTRUCTION PHASE POWER PANEL INDICATED AND ASSOCIATED PEDESTAL MOUNTING ASSEMBLY. COMFORM TO PROJECT SPECIFICATIONS AND PEDESTAL DETAILS FOR INFORMATION. CONFIRM LOCATION ON SITE WITH ALL TRADES AND CAMPUS REPRESENTATIVE.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



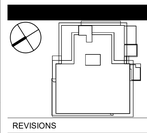
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: BID SET

DATE: 8/17/26

SCALE:

SHEET NAME:
TEMP CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAG.

SHEET NUMBER:
ETS-2

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



ricca design STUDIOS creating what's next...

Sheet Number	Sheet Name	2024-02-20 Progress Print	2024-03-28 PRELIMINARY SET	2024-04-09 100% SD	2024-07-22 100% Design Manual Phase Progress	2024-08-09 95% Design Manual Phase	2024-09-27 Dsign Manual Submission	2024-12-13 60% Construction Documents	2025-01-27 95% Pre Bid Set	2025-04-01 100% Construction Documents	2025-07-31 PRE-BID - 100%	2025-11-26 PRE-BID - 100%
QF000-1	Index Sheet	X	X	X	X	X	X	X	X	X	X	X
QF100-1	Foodservice Key Plan (A)	X	X	X	X	X	X	X	X	X	X	X
QF100-2	Foodservice Key Plan (B,C,D)	X	X	X	X	X	X	X	X	X	X	X
QF400-1	Foodservice Equipment Plan (A)	X	X	X	X	X	X	X	X	X	X	X
QF400-1A	Foodservice 3D Views (A)				X	X	X	X	X	X	X	X
QF400-2A	Foodservice Utility Schedule (A)							X	X	X	X	X
QF400-3	Foodservice Building Conditions & Ventilation Plan (A)							X	X	X	X	X
QF400-4	Foodservice Plumbing Plan (A)							X	X	X	X	X
QF400-5	Foodservice Electrical Plan (A)							X	X	X	X	X
QF401-1	Foodservice Equipment Plan (B)	X	X	X	X	X	X	X	X	X	X	X
QF401-1A	Foodservice 3D Views (B)				X	X	X	X	X	X	X	X
QF401-2A	Foodservice Utility Schedule (B)							X	X	X	X	X
QF401-2B	Foodservice Utility Schedule (B)							X	X	X	X	X
QF401-3	Foodservice Building Conditions & Ventilation (B)							X	X	X	X	X
QF401-4	Foodservice Plumbing Plan (B)							X	X	X	X	X
QF401-5	Foodservice Electrical Plan (B)							X	X	X	X	X
QF402-1	Foodservice Equipment Plan (C)	X	X	X	X	X	X	X	X	X	X	X
QF402-1A	Foodservice Equipment Schedule (C)				X	X	X	X	X	X	X	X
QF402-1B	Foodservice 3D Views (C)				X	X	X	X	X	X	X	X
QF402-2A	Foodservice Utility Schedules (C)							X	X	X	X	X
QF402-2B	Foodservice Utility Schedules (C)							X	X	X	X	X
QF402-2C	Foodservice Utility Schedules (C)							X	X	X	X	X
QF402-2D	Foodservice Utility Schedules (C)							X	X	X	X	X
QF402-3A	Foodservice Building Conditions & Ventilation Plan (C)							X	X	X	X	X
QF402-3B	Foodservice Building Conditions & Ventilation Plan (C)							X	X	X	X	X
QF402-4A	Foodservice Plumbing Plan (C)							X	X	X	X	X
QF402-4B	Foodservice Plumbing Plan (C)							X	X	X	X	X
QF402-5	Foodservice Electrical Plan (C)							X	X	X	X	X
QF402-6	Foodservice Electrical Plan (C)							X	X	X	X	X
QF403-1	Foodservice Equipment Plan (D)				X	X	X	X	X	X	X	X
QF403-2	Foodservice Utility Schedule (D)							X	X	X	X	X
QF403-3	Foodservice Building Conditions & Ventilation (D)							X	X	X	X	X
QF403-4	Foodservice Plumbing Plan (D)							X	X	X	X	X
QF403-5	Foodservice Electrical Plan (D)							X	X	X	X	X
QF501-1	Foodservice Elevation Key Plan (A)							X	X	X	X	X
QF501-2	Foodservice Elevation Key Plan (B,C,D)							X	X	X	X	X
QF501-3	Foodservice Elevation Plan (A)							X	X	X	X	X

ricca design STUDIOS creating what's next...

Sheet Number	Sheet Name	2024-02-20 Progress Print	2024-03-28 PRELIMINARY SET	2024-04-09 100% SD	2024-07-22 100% Design Manual Phase Progress	2024-08-09 95% Design Manual Phase	2024-09-27 Dsign Manual Submission	2024-12-13 60% Construction Documents	2025-01-27 95% Pre Bid Set	2025-04-01 100% Construction Documents	2025-07-31 PRE-BID - 100%	2025-11-26 PRE-BID - 100%
QF501-4	Foodservice Elevation Plan (B)							X	X	X	X	X
QF501-5	Foodservice Elevation Plan (B,C)							X	X	X	X	X
QF501-6	Foodservice Elevation Plan (C)							X	X	X	X	X
QF501-7	Foodservice Elevation Plan (C)							X	X	X	X	X
QF501-8	Foodservice Elevation Plan (C)							X	X	X	X	X
QF600-1	Foodservice Standard Details									X	X	X
QF600-2	Foodservice Standard Details									X	X	X
QF600-3	Foodservice Standard Details									X	X	X
QF600-4	Foodservice Standard Details									X	X	X
QF600-5	Foodservice Standard Details									X	X	X
QF600-6	Foodservice Standard Details									X	X	X
QF600-7	Foodservice Standard Details									X	X	X
QF700-1	Foodservice Refrigeration Systems Drawing					X		X	X	X	X	X
QF701-1	Foodservice Walk-In Drawings						X	X	X	X	X	X
QF701-2	Foodservice Walk-In Drawings						X	X	X	X	X	X
QF701-3	Foodservice Walk-In Drawings						X	X	X	X	X	X
QF701-4	Foodservice Walk-In Drawings						X	X	X	X	X	X
QF702-1	Foodservice Exhaust Hood Make-Up Air Planning Guide					X	X	X	X	X	X	X
QF702-4	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-5	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-6	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-7	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-8	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-9	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-10	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-11	Foodservice Exhaust Hood Detail					X	X	X	X	X	X	X
QF702-12	Foodservice Exhaust Hood Detail									X	X	X
QF702-13	Foodservice Exhaust Hood Detail									X	X	X
QF800-1	Flight Type Dishwasher Drawing					X	X	X	X	X	X	X
QF800-2	Accumulator Drawing					X	X	X	X	X	X	X
QF800-3	Accumulator Drawing					X	X	X	X	X	X	X
QF800-4	Power Wash Pot Sink Drawing					X	X	X	X	X	X	X
QF800-5	Power Wash Pot Sink Drawing					X	X	X	X	X	X	X

Total Sheets: 70

ABBREVIATIONS

ADA	Americans with Disabilities Act	EC	Electrical Contractor/Division	LEC	Laundry Equipment Contractor	QT	Quart
ADJ	Adjustable	EE	Electrical Engineer	LC	Load Center	QTY	Quantity
AMP	Amperage	EM	Emergency Power	LF	Linear Foot (or Feet)		
AFF	Above Finished Floor	EQ	Equal	LPH	Liters per Hour	RAD	Radius
ALT	Alternate	EQUIP	Equipment	LPG	Liquid Propane Gas	RCP	Receptacle
		ETR	Existing to Remain				
BFD	Backflow Prevention Device	ETL	Listing Equal to UL (Intertek)	MBH	Thousand British Thermal Units Per Hour	SC	Self-Contained
BFF	Below Finished Floor	EXH	Exhaust	MC	Mechanical Contractor/Mechanical Division	SF	Square Foot (or Feet)
BHP	Boiler Horsepower	EXIST	Existing	ME	Mechanical Engineer	SP	Static Pressure
BOH	Back of House			MFR	Manufacturer	SPEC	Specifications
BTC	Branch to Connection	°F	Degree Fahrenheit	MIN	Minimum	SST	Stainless Steel
BTU	British Thermal Unit	FAB	Fabricated	MISC	Miscellaneous	STD	Standard
BTUH	British Thermal Unit Per Hour	FD	Floor Drain	MUA	Make-Up Air	SW	Switch
		FFD	Funnel Floor Drain	MTD	Mounted	SYS	System
°C	Degree Centigrade	FP	Fire Protection				
CFH	Cubic Feet Per Hour	FPM	Feet Per Minute	N2	Compressed Nitrogen Gas	TDO	Tangent Draw-Off
CFM	Cubic Feet Per Minute	FR	From	NA	Not Applicable	TLS	Table Limit Switch
CHR	Chilled or Condenser Water Return	FS	Floor Sink	NIC	Not in Contract	TYP	Typical
CHS	Chilled or Condenser Water Supply			NIKEC	Not in Kitchen Equipment Contract		
CLG	Ceiling	GA	Gauge	NSF	National Sanitation Foundation	UDS	Utility Distribution System
C02	Compressed Carbon Dioxide Gas	GAL	Gallon			UL	Underwriters Laboratory
CONN	Connection	GC	General Contractor	OC	On-Center	UV	Ultraviolet
CONV	Convenience Receptacle	GFCI	Ground Fault Circuit Interrupter	OFI	Owner or Operator Furnished Item		
CW	Cold Water	GPH	Gallon(s) Per Hour	OFCI	Owner or Operator Furnished/Contractor Installed	V	Volt
		GPM	Gallon(s) Per Minute	OFOI	Owner or Operator Furnished/Owner or Operator Installed	VAV	Variable Air Volume
DCR	Duplex Convenience Receptacle					VD	Volume Damper
DCV	Demand Control Ventilation	HVAC	Heating Ventilation & Air Conditioning	PB	Pull Box	VFD	Variable Frequency Drive
DEG	Degree (or Degrees)	HW	Hot Water	PC	Plumbing Contractor/Plumbing Division	VIF	Verify in Field
DFA	Down From Above	HZ	Hertz	PE	Plumbing Engineer		
DIA	Diameter			PH	Phase	W	Watts
DIM	Dimension	IW	Indirect Waste	POC	Point of Connection	WC	Water Column
DISC	Disconnect			POS	Point of Sale		
DWG	Drawing	JB	Junction Box	PREP	Preparation		
DW	Direct Waste			PRV	Pressure Regulating/Reducing Valve		
		KEC	Kitchen Equipment Contractor	PSI	Pounds-Per-Square-Inch		
EA	Each	KCAL	Kilocalorie				
		KW	Kilowatt				

NOTE: REFER TO ARCHITECTURAL / MECHANICAL / ELECTRICAL / PLUMBING / INTERIOR DESIGN DRAWINGS FOR ADDITIONAL ABBREVIATIONS SHOWN ON FOODSERVICE DRAWINGS BUT NOT INCLUDED IN THIS LIST.

TYPICAL HEALTH/HYGIENE-AUTHORITY FIT-OUT REQUIREMENTS

What follows are typical requirements from review authorities within food/beverage storage, preparation and service zones. These are offered for reference-only and do not necessarily constitute design or construction direction from Ricca Design Studios.

- Flooring surfaces/systems should be smooth, non-slip with commercial-grade durability, made of non-absorbent material, and easily cleanable in all the following zones:
  1. where food is prepared, packaged or stored
  2. where utensils are washed
  3. where refuse is stored
  4. within janitor rooms
  5. within washroom and hand washing areas
- Flooring surfaces should be coved at the intersection of the floor and wall with 3/8" (10mm) minimum radius and should extend up the wall minimum of six inches (6" or 152mm) in all foodservice rooms/zones. Mastic-applied vinyl is not acceptable.
- Floor drains should be installed in culinary zones for general area cleaning. Additional drains should be installed in floors that are more frequently sprayed-down in the cleaning process. Flooring should be sloped to the drain 1/16" (2mm) per foot within a six-foot (6' or 1.8 M) radius.
- Wall and ceiling finishes within all foodservice rooms/zones where food is stored in unopened containers, and in dining and sales areas should be durable, smooth, non-absorbent, impervious and washable. Wall and ceiling finishes within food preparation and utensil washing areas should be light-colored with durability equal to demand. Wall finishes on interior surfaces of walk-in refrigeration cavities should also be light-colored with durability equal to demand. Cement board with Fiberglass Reinforced Panel finish is typical minimum wall finish in all preparation/wash-up zones. Wall areas adjacent to bar sinks should be smooth and easily cleanable. Conduits of all types should be installed within walls; when installed on surface of walls, they should be shrouded to facilitate ease of cleaning.
- Lighting in every zone where food is prepared, processed or packaged or where utensils are cleaned should be provided in an intensity of no less than 50 foot candles as measured 30" (762mm) above the finished floor, except the working surfaces of bars and bar work-boards where at least 10 foot-candles of light are required. Required light source must be shrouded with shatter-proof covers.
- Exhaust ventilation should be provided at or above all electric or gas cooking equipment and dishwashers that utilize hot water or chemicals for sanitization per local, regional and national code. Exhaust ventilation may be required above hot beverage equipment – confirm with local code. Washrooms, dressing rooms should be vented to the atmosphere by means of an openable, screened window, and air shaft or switch-activated exhaust fan per local building codes.
- Foodservice facility should be constructed, and maintained and operated to prevent entrance of animals, birds and vermin including rodents and insects.
- Delivery Doors leading to the exterior should be self-closing and open outward. Vestibules are typically required where large double-doors may enter-into a food preparation area. All exterior doors should be provided with an overhead air curtain, air curtain should produce a downward and outward airflow not less than three inches (3" of 75mm) thick at the nozzle with an air velocity no less than 1600FPM across entire opening.
- Circulation- minimum of thirty-six inches (36" or 914mm) is required for all aisles and working areas within foodservice and beverage preparation zones.
- Hand Washing sinks with single-use towels and hand cleanser should be provided within, or adjacent to, washrooms and should be equipped with an adequate supply of hot/cold running water. A dedicated hand washing station should be provided within each food preparation zone.
- Washrooms for use by foodservice employees should be provided and should be fit-out with self-closing doors.
- Ware Washing machines using hot water or chemical sanitizing rinse must conform to applicable National Sanitation Foundation (NSF) standards and shall be installed and operated in accordance with those standards.
- Refrigeration cavities must be equipped with a thermometer that is easily-readable and in proper working condition.
- Equipment installation- all equipment must meet National Sanitation Foundation (NSF) design and installation requirements. All foodservice equipment should be easily moveable, light enough to be easily-moved by one (1) person or installed on a raised minimum six inches (6" or 152mm) rounded stainless steel legs or sealed to a minimum four inches (4" or 101mm) stainless steel or galvanized steel channel base filled with lightweight concrete with minimum 3/8" (10mm) coved radius. If on an island, equipment should overhang the base at least three inches (3" or 75mm), but not more than the height of the base. Sealing to the finished floor is acceptable for equipment designed to be on level with floor such as roll-in refrigerator/freezers, large blast chiller/freezers, roll-in ovens and proofers.

Gaps between equipment base and top of channel base should be sealed with non-hardening silicone sealant. All equipment on counters, tables and shelves that are not easily moved are to be installed on approved four inch (4" of 101mm) legs or sealed to table, shelf, etc. (Verify with local code). All fabricated equipment, flashing, and back splashes must be sealed to walls and abutting equipment or moved away from adjacent fabricated equipment minimum of three inches (3" or 75 mm) or adjacent wall minimum of six inches (6" or 152mm). Dipper wells with running water should be provided for ice cream/frozen dessert with scooping required.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARAS EMANUEL DUMSHY STATE OF NEW YORK 022313

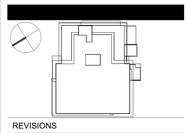
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



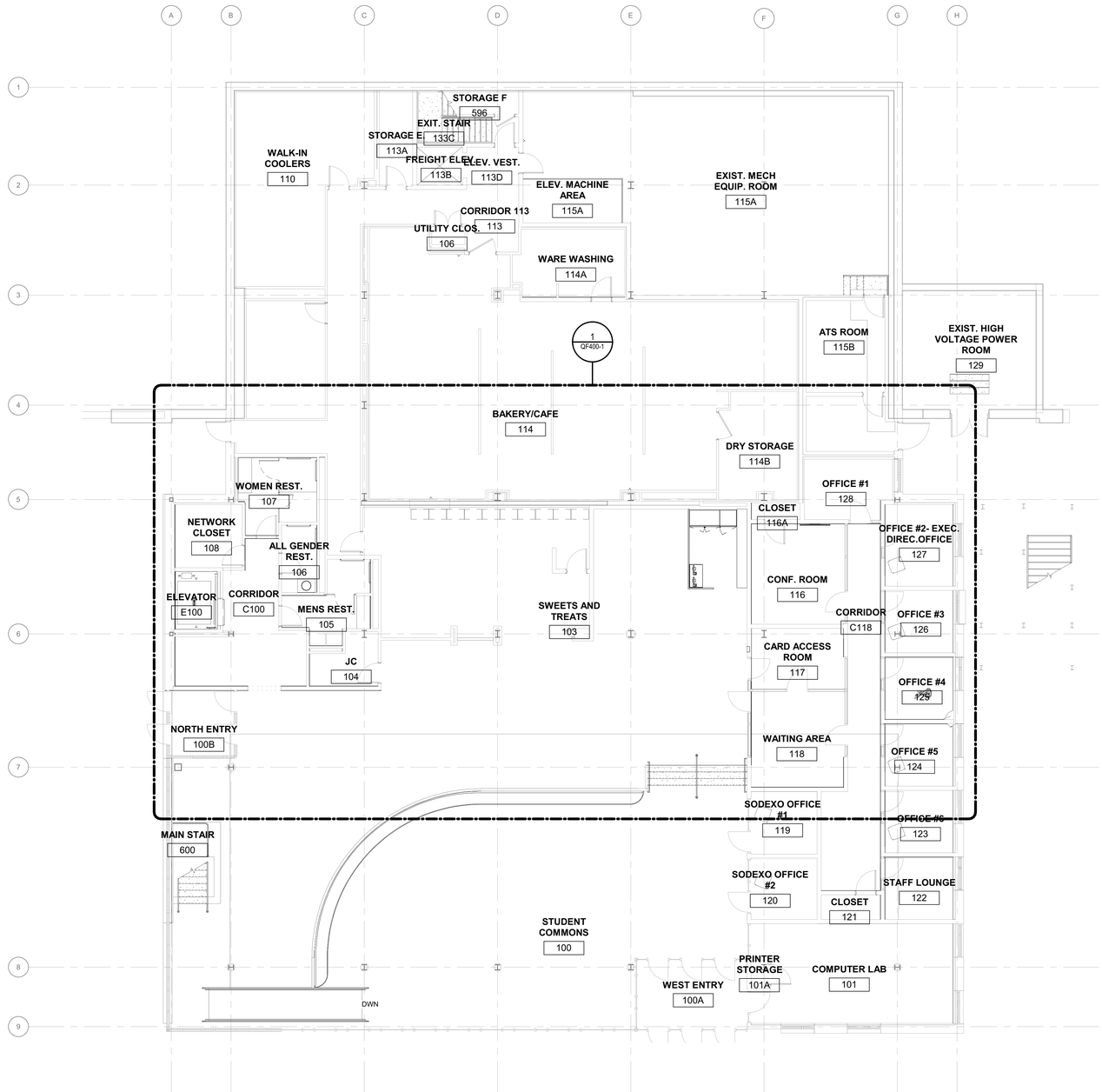
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1" = 1'-0"
SHEET NAME: Index Sheet
SHEET NUMBER: QF000-1

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Level 1 Key Plan
SCALE: 1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 023313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

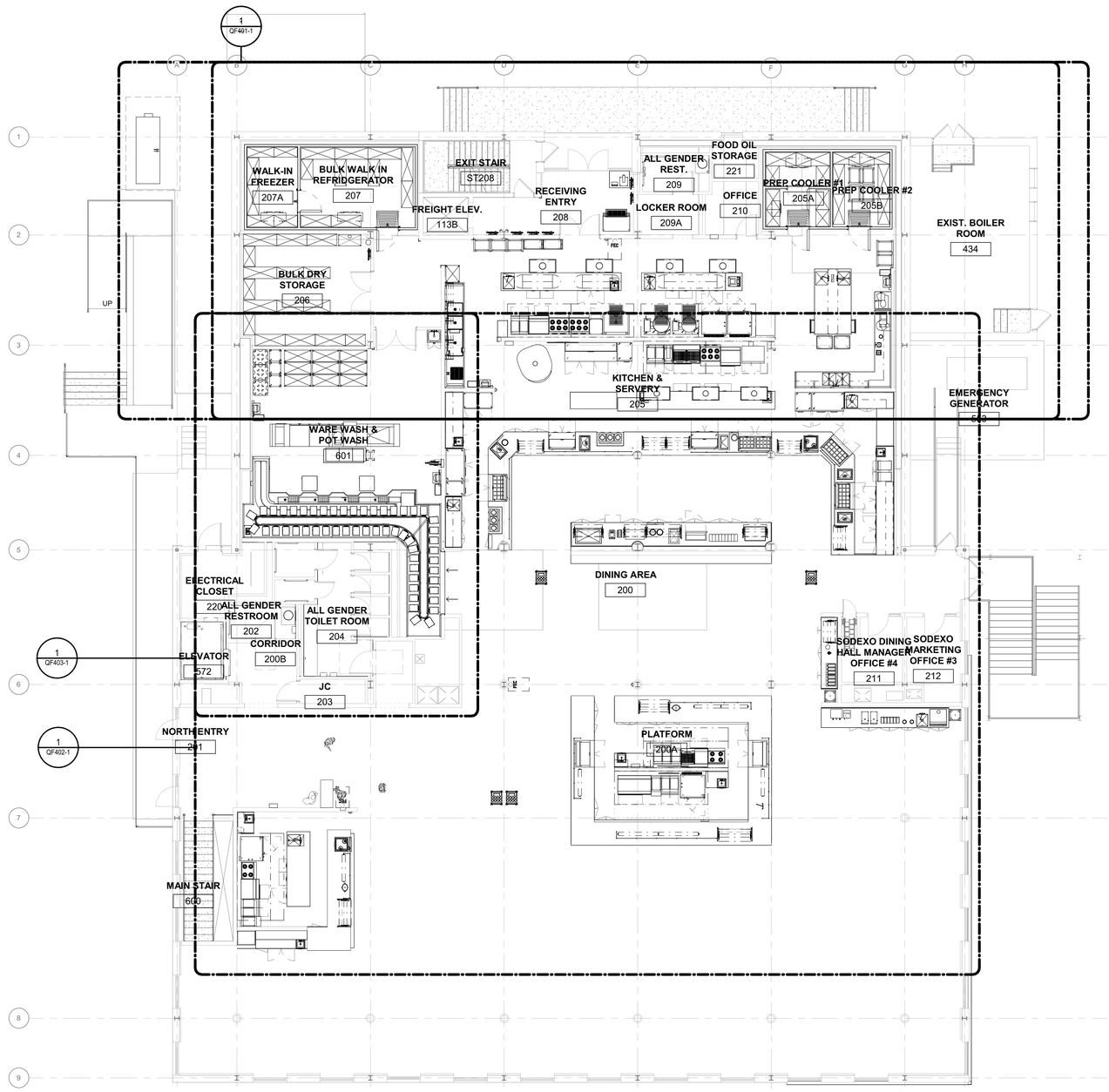
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
Foodservice Key Plan (A)

SHEET NUMBER:
QF100-1

BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Level 2 Key Plan

SCALE: 1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIANA 023173 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

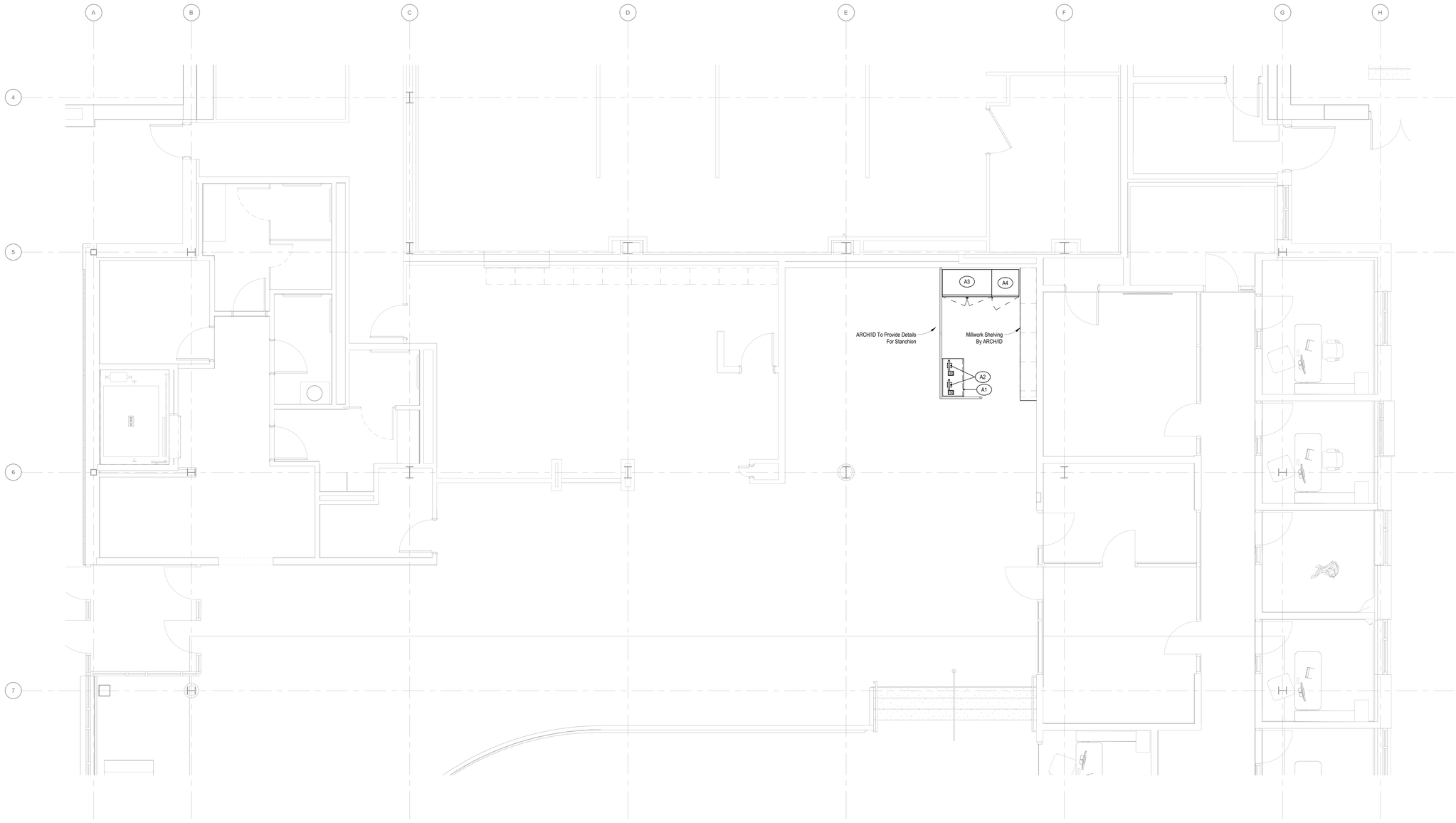
SCALE: 1/8" = 1'-0"

SHEET NAME:
Foodservice Key Plan (B,C,D)

SHEET NUMBER:
QF100-2

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Diner/Cafe Equipment Plan

SCALE: 1/4" = 1'-0"

Foodservice Equipment Schedule - (A)

Item Number	Qty	Description	Remarks
A1	1	Check-Out Counter	By Architect/ID
A2	2	POS Computer	By Owner/Operator
A3	1	Refrigerated Merchandiser, Reach-In	Glass Doors
A4	1	Frozen Merchandiser, Reach-In	Glass Door

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL DUMON 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

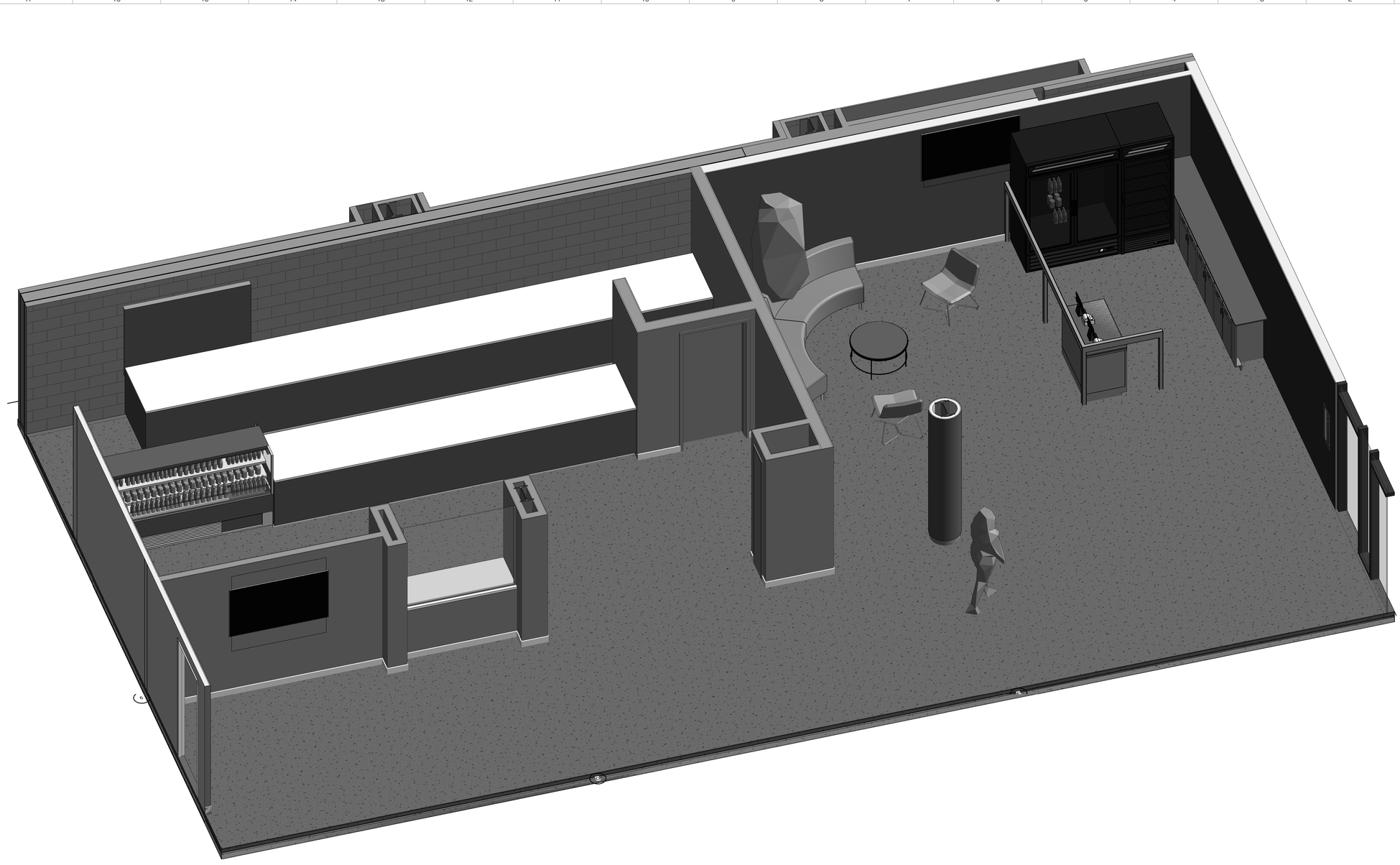
SCALE: 1/4" = 1'-0"

SHEET NAME:
Foodservice Equipment Plan (A)

SHEET NUMBER:
QF400-1

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 3D - Diner (A)
SCALE:

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMAND SAMUEL QUADRINI
022313
STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME:
Foodservice 3D Views (A)

SHEET NUMBER:
QF400-1A

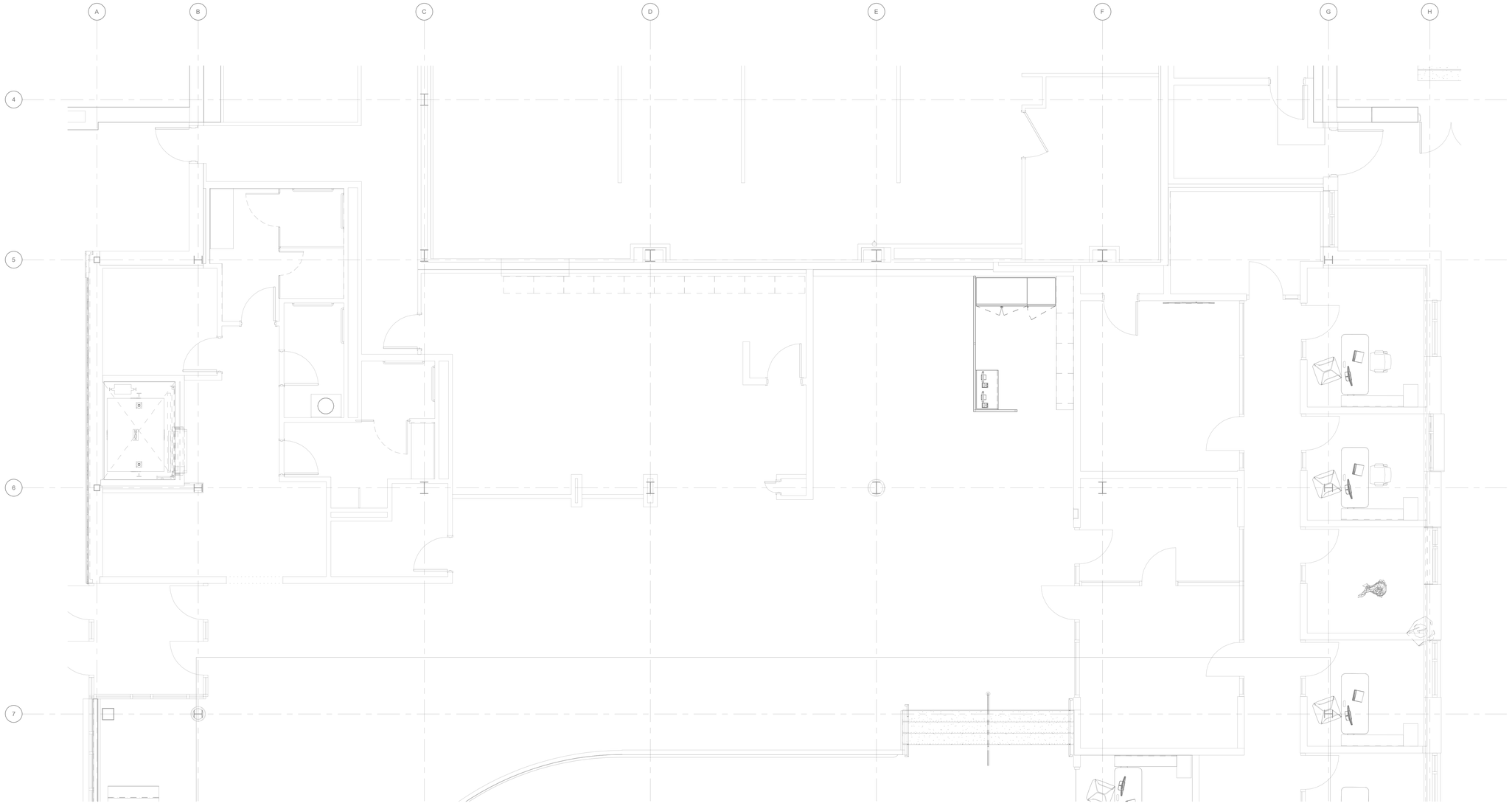
BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (A)

| Item Number | QTY | Description | Remarks | Electrical | | | | | | | | Plumbing | | | | | | | | | | | | | | Ventilation | | | | | | | | | | | | | |



1 Diner/Cafe Equipment Plan

SCALE: 1/4" = 1'-0"

BUILDING CONDITIONS & VENTILATION NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

M-A GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL CONSTRUCTION AND MECHANICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING CURRENT INTERNATIONAL MECHANICAL CODE, AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW SPECIAL BUILDING AND VENTILATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. RECOMMEND TO PROVIDE MINIMUM LIVE LOADS OF 150 LBS. PER SQUARE FOOT (68KG PER.09 SQUARE METERS). PROVIDE REINFORCED SLAB FOR ANY FOODSERVICE EQUIPMENT THAT MAY EXCEED 150 LBS. PER SQUARE FOOT, SUCH AS A LARGE COMPRESSOR RACK, LARGE DISH MACHINE, LARGE OVENS, ETC.
9. RECOMMENDED MINIMUM FINISHED CEILING HEIGHTS IN KITCHEN AREAS AND FOR SPECIFIC FOODSERVICE EQUIPMENT ARE AS FOLLOWS:
   - A. KITCHEN AREAS WITH EXHAUST HOODS 9'-0" (2.75M)
   - B. WALK-IN COOLER/FREEZER AREAS 9'-0" (2.75M)
   - C. GENERAL AREAS 9'-0" (2.75M)
   - D. ICE MACHINE AREAS 10'-6" (3.2M)
10. ADEQUATE SPACE IS NEEDED ABOVE THE FINISHED CEILINGS FOR MECHANICAL AND ELECTRICAL WORK, ESPECIALLY ABOVE EXHAUST HOODS AND WALK-IN COOLER/FREEZERS. NOTIFY RICCA DESIGN STUDIOS IF HEIGHTS ARE LESS THAN RECOMMENDED MINIMUMS.
    - A. WALK-IN COOLER/FREEZER CEILING PANELS REQUIRE ADDITIONAL 18" (457MM) CLEARANCE ABOVE FOR INSTALLATION
    - B. ICE MACHINES REQUIRE 24" (609 MM) CLEARANCE ABOVE FOR INSTALLATION
11. ALL FLOOR SINKS AND FLOOR TROUGHS TO BE SET FLUSH WITH FINISHED FLOOR - UNLESS OTHERWISE DIRECTED BY LOCAL CODE. ALL FLOOR TROUGHS SERVING FOODSERVICE EQUIPMENT WITH LIQUID VOLUME IN TILTING OR IN VALVED DUMPING MANNER SHALL BE PLACED IN A LOCATION DIRECTLY RELATED TO MANUFACTURER'S REQUIRED POUR-PATH FOR EQUIPMENT TO BE SET IN PLACE. KITCHEN EQUIPMENT CONTRACTOR AND GENERAL CONTRACTOR TO FIELD-VERIFY LOCATION IN RELATION TO REQUIRED POUR PATH, AND IN HEIGHT PER PITCH-TO-DRAIN REQUIRED.
12. THE MOUNTED HEIGHT FOR THE BOTTOM EDGE OF EXHAUST HOODS TO BE SET AT 6'-8" MINIMUM (2032MM) ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THE BOTTOM EDGE OF EXHAUST HOODS SHALL BE NO HIGHER THAN 7'-0" (2134MM) ABOVE FINISHED FLOOR.
13. MANUAL-PULL EXHAUST HOOD FIRE EVENT PULL STATION AND CONDUIT TO BE MOUNTED WITHIN WALL CAVITY AND SET TO 48" ABOVE FINISHED FLOOR (1220MM) AT CENTER. CONDUIT TO TERMINATE PER MANUFACTURER'S DRAWINGS. KITCHEN EQUIPMENT CONTRACTOR AND MECHANICAL CONTRACTOR TO VERIFY LOCATION WITH APPLICABLE FIRE CODE OFFICIALS PRIOR TO INSTALLATION.
14. GENERAL CONTRACTOR TO CONFIRM FOLLOWING IS COMPLETED PRIOR TO THE FOODSERVICE EQUIPMENT DELIVERY AND SET-IN-PLACE:
    - A. THE WALLS AND CEILINGS ARE INSTALLED AND FINISHED. WALLS AND CEILINGS MUST BE SMOOTH, EASILY CLEANABLE, NON-ABSORBENT, DURABLE, WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS.
    - B. THE FLOORING IS INSTALLED AND WASHED CLEAN. FLOORS MUST BE NON-SLIP, EASILY CLEANABLE, NON-POROUS, NON-ABSORBENT, AND DURABLE WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS. ALL VERTICAL INTERSECTIONS OF FLOORS-TO-WALLS SHALL HAVE COVED BASES INSTALLED.
    - C. CONFIRM IF A LOADING DOCK IS AVAILABLE.
    - D. COORDINATION WITH APPLICABLE TRADESPEOPLE FOR ANY DOOR/WINDOW OPENINGS AND/OR PASSAGEWAYS REQUIRED FOR THE DELIVERY OF FOODSERVICE EQUIPMENT.

M-B MECHANICAL NOTES

MECHANICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING APPLICABLE EQUIPMENT AND PROVIDING THE FOLLOWING CONDITIONS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT PER BELOW INSTRUCTIONS.

1. ALL COOKING EXHAUST HOOD ASSEMBLIES. DUCTING, COMPONENTS, ETC. SHALL BE TYPE I. ALL WARE WASHING ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE II AS REQUIRED PER N.F.P.A.-96.
2. EXHAUST HOOD DUCT TRANSITIONS TO HOODS, FANS, MAKE-UP AIR UNITS, POLLUTION CONTROL UNITS, FIRE-RATED MATERIALS, COMPONENTS, ETC. MAKE ALL FINAL CONNECTIONS ON ALL HOODS.
3. BALANCED TEMPERED SUPPLY AIR AND EXHAUST AIR IN KITCHEN AREAS TO CONTAIN COOKING ODORS AND EFFLUENT AND PROVIDE A COMFORTABLE WORKING ENVIRONMENT. THESE ZONES SHALL BE DESIGNED FOR SLIGHTLY NEGATIVE PRESSURE PER CODE.
4. INDEPENDENT OF EXHAUST HOOD MAKE-UP AIR PLENUM DIFFUSERS AT A LOCATION MINIMUM 8'-0" (2.4M) (CASTING NO GREATER THAN 150 FPM VELOCITY) TO 15'-0" (4.6M) (CASTING NO GREATER THAN 300 FPM VELOCITY) AWAY FROM THE EXHAUST HOOD IN PLAN. 4-WAY CEILING DIFFUSERS SHALL NOT BE UTILIZED IN ANY COOKING ZONE WITHIN KITCHENS.
5. ALL EXHAUST DUCTWORK SEAMS AND JOINTS MUST BE FULLY-WELDED AND WATER/GREASE-TIGHT. ALL EXHAUST DUCTS MUST BE PITCHED PER CODES. ALUMINUM EXHAUST DUCTWORK SHALL NOT BE USED AS DUCTING MATERIAL.
6. ALL FIRE-RATED MATERIALS FOR EXHAUST HOODS, VENT DUCTS, VENT STACKS, AND HEAT-PRODUCING FOODSERVICE EQUIPMENT.
7. SWITCHES, CONTROLS FOR SUPPLY FANS AND EXHAUST FANS, DEMAND CONTROL VENTILATION SYSTEMS, AND HVAC COMPONENTS.
8. AUTOMATIC ACTIVATION OF THE EXHAUST HOOD(S) WHENEVER COOKING OCCURS PER CURRENT INTERNATIONAL MECHANICAL CODE IS THE RESPONSIBILITY OF THE MECHANICAL ENGINEER OF RECORD. VERIFY SPECIFIC REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
9. ENSURE THAT ENTIRE KITCHEN EXHAUST SYSTEM FROM EXHAUST HOOD CANOPY TO FAN IS ASHRAE 90.1 SECTION 5.6.7-COMPLIANT PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN AND WHERE APPLICABLE. WHERE DEMAND CONTROL VENTILATION IS PLANNED, MECHANICAL ENGINEER TO VERIFY THAT VOLUME DAMPERS AND PEAK-DEMAND LIMITERS IN SIZE AND IN LOCATION ARE PLANNED AND CONTROLLED TO PROVIDE A FULLY-FUNCTIONAL SYSTEM AT TIME OF COMMISSIONING AND TURN-OVER.
10. ADDITIONAL AIR CHANGES/HEAT REMOVAL FOR AIR-COOLED AND FOR WATER-COOLED CONDENSING UNITS AND ICE MACHINES SHALL BE SUPPLIED PER MANUFACTURER'S RECOMMENDATIONS.
11. AT LEAST 1.5 TIMES ADDITIONAL VS STANDARD ROOM AIR CHANGES SHALL BE PLANNED WITHIN WARE WASHING ROOMS/ZONES.
12. WHERE DIRECT EXHAUST VENTING IS PERMITTED, PROVIDE A DOUBLE-WALLED GAS CHIMNEY TO THE ATMOSPHERE AS ALLOWED/REQUIRED BY LOCAL CODE. ANY FLUE OF EXCESSIVE LENGTH WITH BENDS OR OTHER RESTRICTIONS SHALL BE PROVIDED WITH A BOOSTER EXHAUST FAN INTERWIRED TO OPERATE WITH THE EQUIPMENT SERVED. BOOSTER FAN SHALL PROVIDE 0" S.P. AT CONNECTION TO EQUIPMENT.

M-C GENERAL CONTRACTOR NOTES

THE ARCHITECT IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING.

1. THE IN-WALL REINFORCING OR WALL BACKING FOR ALL WALL-MOUNTED AND RECESSED FOODSERVICE EQUIPMENT AND CONTROL PANELS.
2. TROUGH DIMENSIONS AND LOCATIONS ON THIS PLAN ARE FOR USE IN SLAB BLOCK-OUT PLANNING IF REQUIRED BY CONSTRUCTION SCHEDULE. FINAL SIZE AND LOCATION TO BE PROVIDED BY KEC WITHIN ISSUED SUBMITTALS.
3. REFER TO MANUFACTURER'S DRAWINGS SHEET SERIES FOR NECESSARY FLOOR CONDITIONS - INCLUDING DEPTHS, FLOOR CONSTRUCTION, AND FINISHES. ALL SUB-SLAB, SLAB, OR DEPRESSIONS SHALL BE PROVIDED WITH A SMOOTH AND TRANSIT-LEVEL FINISH ONCE EQUIPMENT IS SET IN PLACE, REMAINING DEPRESSION TO BE INFILLED WITH GROUT.
4. MANDATORY FOR ALL WALK-IN FREEZER COMPARTMENTS THAT MEASURE OVER 30'-0" (9.144M) IN BOTH LENGTH AND WIDTH: PROVIDE FREEZE PREVENTION BELOW THE INSULATED FLOOR SLAB ON GRADE. SUGGESTIONS ARE DRAINAGE/VENTING SYSTEM, HEAT TRACE SYSTEM, AND/OR REFRIGERATION HEAT GAIN GLYCOL SYSTEM.
5. ALL OPENINGS IN WALLS AS INDICATED ON THIS PLAN.
6. ALL PADS OR CURBS FOR FOODSERVICE EQUIPMENT AND/OR ROOF-MOUNTED COMPRESSOR RACKS PER MANUFACTURER'S INSTRUCTIONS AND/OR DETAILS SHOWN IN THIS DOCUMENT SET.
7. ALL HOLES OR SLEEVES THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS AS REQUIRED FOR THE INSTALLATION OF REFRIGERATION, DRINK, ELECTRICAL, OR PLUMBING LINES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING HOLES AND SLEEVES AFTER INSTALLATION OF THE LINES TO ENSURE A VERMIN-PROOF INSTALLATION.
8. WALL(S) AND CEILING, BEHIND, BELOW, AND AROUND TYPE 1 EXHAUST HOOD(S) SHALL CONFORM TO CURRENT N.F.P.A.- 96 AND ANY OTHER APPLICABLE CODE DEFINITION IN REGARD TO REQUIRED CLEARANCES TO COMBUSTIBLE, LIMITED, OR NON-COMBUSTIBLE MATERIALS. ARCHITECT, MECHANICAL ENGINEER, AND KEC TO VERIFY THAT PLANNED CLEARANCES CONFORM TO CODE PRIOR TO INSTALLATION OF EXHAUST CANOPY.
9. PROVIDE A TRANSIT-LEVEL FINISH BELOW THIS EQUIPMENT TO THE OUTER EDGE AS INDICATED IN PLAN.
10. ALL CONDUITS AND ROUTING OF CONDUITS FOR REMOTE REFRIGERATION LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CONDUITS THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH KITCHEN EQUIPMENT CONTRACTOR.
11. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BEVERAGE LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASES THROUGH BUILDING. CONDUITS/CHASES SHALL HAVE A SMOOTH INTERIOR FINISH AND MUST BE SEALED WATER-TIGHT. A MINIMUM RADIUS OF 30" (762 MM) AT ALL BENDS WITH SWEEPS WIDENING AS DIAMETER WIDENS (45-DEGREE JOINTS ARE NOT ALLOWED). AN ACCESSIBLE PULL BOX/PULL SLEEVE MAY BE REQUIRED IF OVER 75'-0" (23M) (VERIFY WITH OWNER/OPERATOR'S PURVEYOR) OR WHERE LOCATED IN FLOORS OR CONCEALED SPACES. THE TOTAL OF ALL BENDS BETWEEN PULL BOXES NOT TO EXCEED 180 DEGREES. STUB CONDUIT ENDS OUT 4" (100MM) FROM WALLS, CEILING, OR FINISHED FLOORS. RECOMMENDED CONDUIT SIZE IS 8" (200MM) DIAMETER FOR BEER, 6" (152MM) DIAMETER MINIMUM FOR OTHER BEVERAGES. SCHEDULE 40 PVC IS STANDARD FOR UNDER-SLAB APPLICATIONS, BUT METAL MAY BE REQUIRED ABOVE GRADE AND WITHIN CEILING PLENUMS. GENERAL CONTRACTOR TO VERIFY MATERIAL TYPE WITH LOCAL CODES AND REGULATIONS. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION. WHERE BEVERAGE CONDUITS ARE REQUIRED TO RUN EXTERIOR OR OUTSIDE OF A TEMPERATURE-CONTROLLED SPACE, THEY SHALL BE INSTALLED IN A WEATHER-PROOF AND TEMPERATURE-RESISTANT MANNER.
12. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BULK CO2 TANK LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASE THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH OWNER/OPERATOR'S LOCAL GAS (CO2) COMPANY. EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M) FROM DELIVERY TRUCK. TOTAL LINE RUN FROM BULK CO2 TANK TO EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M). PROVIDE CO2 DETECTOR AT THE BULK CO2. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION.

M-D ADDITIONAL NOTES

1. RUN REFRIGERATION LINES TO REMOTE REFRIGERATION SYSTEM AS INDICATED ON THE EQUIPMENT SCHEDULE. KEC TO FURNISH FIELD-COORDINATED REFRIGERATIONS RUN LINE DRAWINGS.
2. REMOTE REFRIGERATION SYSTEM ON WALK-IN BOX, KEC TO PROVIDE STRUCTRURAL SUPPORT FOR WEIGHT AND FOR MAINTENANCE. ARCHITECT TO PROVIDE ADEQUATE ACCESS FOR MAINTENANCE.
3. CEILING MOUNTED EQUIPMENT SHALL BE FULLY SUPPORTED FROM STRUCTURAL CEILING ABOVE, AND PROVIDE ANTI-SWAY BRACING WELDED TO VERTICAL SUPPORTS. ADDITIONAL STRUCTURAL SUPPORT ABOVE CEILING TO BE PROVIDED BY GC FOR CEILING HUNG EQUIPMENT. KEC TO COORDINATE WITH GC.
4. KEC TO PROVIDE STAINLESS-STEEL CHANNEL BASE WHERE CALLED OUT. CHANNEL BASE FILLED WITH LIGHT WEIGHT CONCRETE, BY GC.

BC&V Symbol Legend

- FLOOR DEPRESSION
- MASONRY PAD
- TRANSIT - LEVEL FINISH
- NON-COMBUSTIBLE WALL & CEILING MATERIAL (VERIFY REQUIREMENTS with LOCAL CODES)
- FINISHED WALL OPENING
- WALL BACKING
- SUPPLY DUCT
- EXHAUST DUCT
- DIRECT CONNECT FLUE
- AIR MOVEMENT / HEAT REMOVAL
- BEVERAGE CONDUIT
- REFRIGERATION LINE CONNECTION
- TAG INDICATING REMOTE REFRIGERATION LINE (ITEM# R)
- AFF ABOVE FINISHED FLOOR
- BFF BELOW FINISHED FLOOR
- DFA DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL PERNIN 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

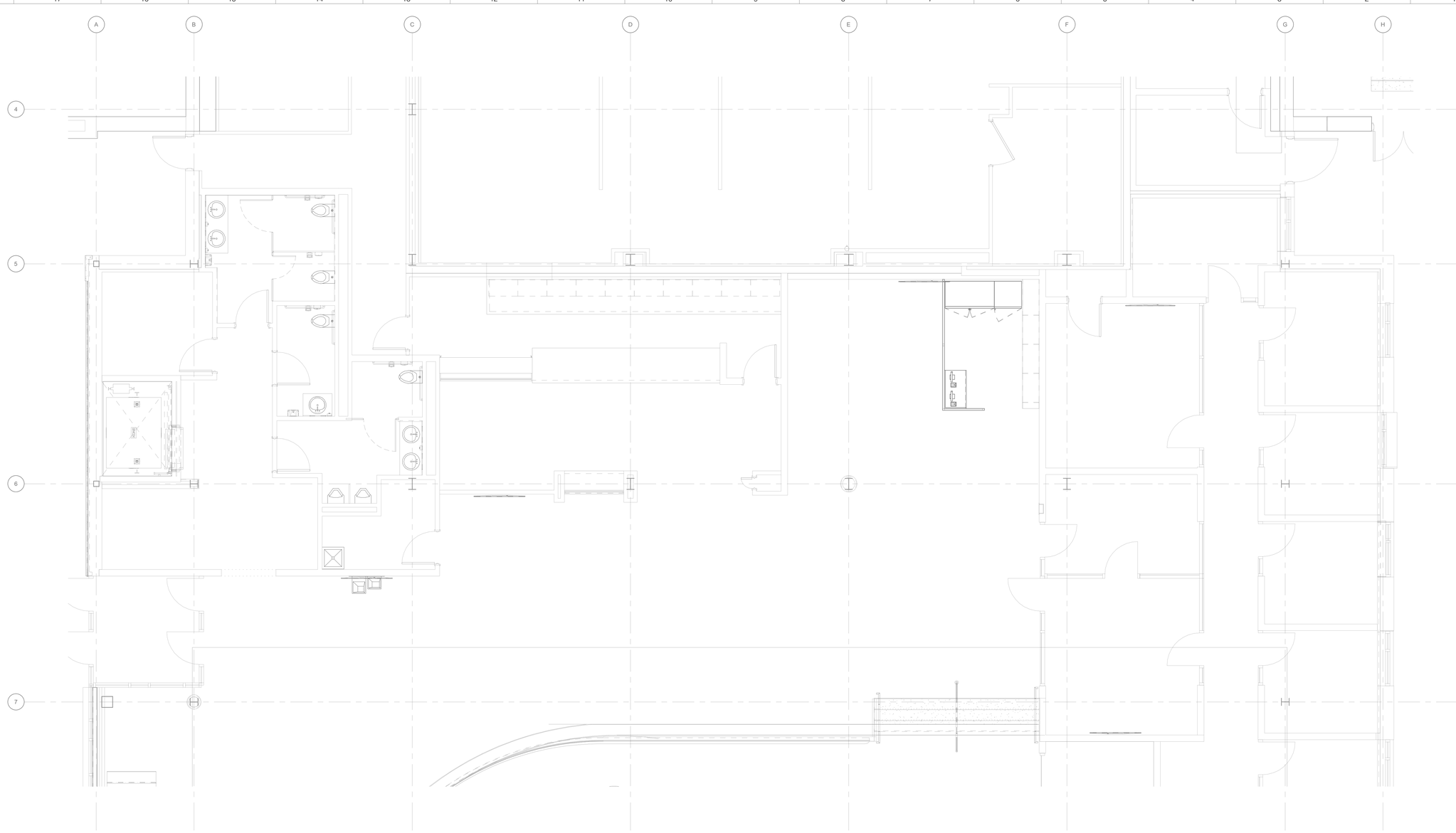
SCALE: As indicated

SHEET NAME:
Foodservice Building Conditions & Ventilation Plan (A)

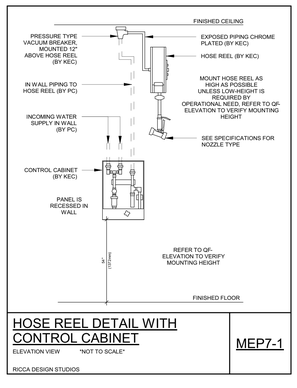
SHEET NUMBER:
QF400-3

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Diner/Cafe Equipment Plan
SCALE: 1/4" = 1'-0"



HOSE REEL DETAIL WITH CONTROL CABINET — MEP7-1

ELEVATION VIEW "NOT TO SCALE"

RICCA DESIGN STUDIOS

PLUMBING NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

P-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL PLUMBING WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.

P-B. PLUMBING NOTES

PLUMBING ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. DRAIN-LINES, FITTINGS, VALVES, AND ALL PLUMBING COMPONENTS SERVICING FOODSERVICE EQUIPMENT SHALL BE CAPABLE TO WITHSTAND HOT WATER TEMPERATURES MORE THAN 140-200 DEGREES FAHRENHEIT, DRAIN TEMPERATURES OF 130 DEGREES FAHRENHEIT TO BOILING (SOMETIMES UNDER PRESSURE), AND STEAM (IF APPLICABLE) TEMPERATURES AS PER DESIGN PRESSURES. PROVIDE MINIMUM 6'-0" (1.8M) LENGTH CAST IRON PIPING FROM FLOOR SINKS TO WITHSTAND HOT WATER TEMPERATURES.
2. PRESSURE-REDUCING OR REGULATING VALVES, FAUCETS AND WATER INLETS, IN-LINE WATER FILTERS, VACUUM BREAKERS, BACKFLOW PREVENTION DEVICES, REDUCED PRESSURE ZONE BACKFLOR PREVENTORS, ANTI-SCALD VALVES, STAINLESS STEEL DOUBLE CHECK VALVES FOR SODA SYSTEM, ETC. NOT OTHERWISE SUPPLIED TO FOODSERVICE EQUIPMENT AS REQUIRED BY LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS.
3. WASTE LINES, DIRECT AND INDIRECT, TO BE PITCHED DOWNWARD AND TO HAVE ADEQUATE CLEAN-OUT PROVISIONS PER CODE.
4. FLOOR SINKS SHOULD BE SPECIFIED AND INSTALLED WITH TOP GRATES AND REMOVABLE SEDIMENT BUCKET INCLUDED. FLOOR SINK TOP TO BE SET FLUSH WITH FINISHED FLOOR UNLESS DIRECTED OTHERWISE BY LOCAL CODE. PROVIDE ACID-RESISTANT FLOOR SINKS FOR EQUIPMENT THAT DISCHARGES CO2 (I.E. SODA AND WATER DISPENSERS). VERIFY COMPLIANCE WITH LOCAL CODES AND REGULATIONS.
5. AREA FLOOR DRAINS IN QUANTITY AND PROPOSED LOCATION AS COORDINATED WITH OWNER/OPERATOR. SLOPE FLOORS TO AREA DRAINS AT MINIMUM OF 1/16" (.40MM) PER FOOT (304MM) WITHIN A 6' (1.8M) RADIUS OR PER LOCAL CODE.
6. GREASE TRAPS, INCLUDING SIZING, AS REQUIRED. INSTALL GREASE TRAPS OUTSIDE OF BUILDING WHENEVER POSSIBLE. INSTALLATION WITHIN THE BUILDING MUST COMPLY WITH LOCAL CODES AND REGULATIONS. NOTIFY RICCA DESIGN STUDIOS WHEN INSTALLATION MUST BE WITHIN ANY KITCHEN AREAS OR FOODSERVICE ZONES.
7. PROVIDE AND INSTALL INDIRECT DRAIN LINE FROM WALK-IN OR ROOM COOLING EVAPORATOR COILS TO ASSIGNED FLOOR SINK. DRAIN LINES TO BE P-TRAPPED AT EJECTION POINT OUTSIDE OF COLD ZONE. DRAIN LINES WITHIN FREEZER CAVITIES TO BE INSULATED AND WRAPPED WITH HEAT TAPE PROVIDED BY E.C.
8. NOTES CONCERNING PLUMBING ROUGH-INS:
   A. FURNISH AND INSTALL ALL WATER, WASTE, GAS, AND STEAM LINES AND SIZE SERVICE LINES TO PROVIDE FULL-FLOW VOLUME FOR ALL EQUIPMENT SUPPLIED BY RESPECTIVE MAINS AND BRANCHES. PROVIDE BRASS BALL VALVE (MINIMUM) STOP VALVES AND TAG ROUGH-INS WITH THE APPROPRIATE IDENTIFYING LABELS. SERVICE LINES STUBBED OUT OF WALLS, UP FROM FINISHED FLOORS, OR A CONCRETE CURB A MINIMUM OF 2" (50MM). VENT PIPES MUST BE CONCEALED IN WALLS OR COLUMN CHASE. USE A LOOP-VENT OR AIR GAP ASSEMBLY FOR ISLAND FIXTURES. ALL FLOOR PENETRATIONS MUST BE SEALED WATERTIGHT.
   B. WASTE LINES SHOWN ARE DESIGNED TO COMPLY WITH THE BEST KNOWN AND GENERALLY-ACCEPTED HEALTH AND SANITARY CONDITIONS AND CODES. PLUMB LINES TO ENSURE NO INTERFERENCE WITH THE INTENDED USE OR SERVICING OF FOODSERVICE EQUIPMENT. RUN LINES BELOW EQUIPMENT AT THE HIGHEST POSSIBLE ELEVATION ABOVE FINISHED FLOOR. NO LINES ARE TO LAY ON OR BE SECURED TO THE FLOOR. FIELD-CUTTING OF ANY FOODSERVICE EQUIPMENT TO MAKE WAY FOR WASTE LINES WITHOUT CONSENT OF KITCHEN EQUIPMENT CONTRACTOR IS PROHIBITED.
   C. SUPPLY 140-DEGREE FAHRENHEIT HOT WATER TO ALL WAREWASHING EQUIPMENT AND 120-DEGREE FAHRENHEIT HOT WATER TO ALL OTHER EQUIPMENT UNLESS OTHERWISE INSTRUCTED BY CODE. INSULATE WATER AND STEAM LINES (IF REQUIRED) TO CONFORM WITH ACCEPTED PRACTICE. EXPOSED PIPES AND FITTINGS ABOVE A WORKING HEIGHT OF 12' (863MM) ABOVE FINISHED FLOOR SHALL BE CHROME-PLATED OR COVERED WITH A STAINLESS-STEELSLEEVE.
   D. SIZE FUEL GAS SERVICE LINES TO PROVIDE THE REQUIRED BTU RATING INDICATED FOR SPECIFIED GAS-FIRED EQUIPMENT AT A LOW PRESSURE OF APPROXIMATELY 7" TO 9" WATER COLUMN. EACH PIECE OF GAS-FIRED COOKING EQUIPMENT SHALL BE FURNISHED WITH A PROPERLY-SIZED GAS REULATOR WITH VENT LIMITING DEVICE. GAS REGULAROR SHALL BE PROVIDED BY PLUMBING ENGINEER IF NOT PROVIDED BY KEC. INSTALL AUTOMATIC MECHANICAL SHUT-OFF VALVES - FURNISHED BY FIRE SUPPRESSION CONTRACTOR - IN GAS SUPPLY LINES TO EQUIPMENT UNDER EXHAUST HOOD ASSEMBLIES.
   E. PROVIDE CHILLED WATER (OR CONDENSER WATER) TO AND FROM COMPRESSOR FROM COOLING TOWER (OR BUILDING'S CONDENSER SYSTEM) AS SHOWN. PROVIDE RICCA DESIGN STUDIOS WITH CHILLED WATER TEMPERATURE TO PROPERLY ENGINEER REFRIGERATION EQUIPMENT. CHILLED WATER PRESSURE SHALL BE PROVIDED AT NO GREATER THAN 150 PSI.
9. NOTES CONCERNING PLUMBING CONNECTIONS:
   A. ALL WATER, GAS, AND STEAM (WHERE APPLICABLE) SERVICES FOR PORTABLE AND COUNTERTOP EQUIPMENT MUST BE CONNECTED TO THE EQUIPMENT WITH A COMMERCIAL TYPE FLEXIBLE HOSE AND QUICK DISCONNECT FITTINGS TO MEET A.G.A. APPROVAL FOR COMMERCIAL KITCHEN EQUIPMENT.
   B. WATER PROVIDED FOR STEAM-PRODUCING EQUIPMENT MUST HAVE A WATER HARDNESS NO GREATER THAN 2.0 GRAINS AND A PH LEVEL BETWEEN 7.0 AND 7.5.
   C. WATER USED FOR COOLING WATER TO CONDENSING UNITS OR COMPRESSORS MUST BE TREATED TO INHIBIT THE FORMATION OF DEPOSITS IN THE CONDENSING TUBES.
   D. STEAM (WHERE APPLICABLE) THAT COMES IN DIRECT CONTACT WITH FOOD, FOOD HOLDING EQUIPMENT, OR WAREWASHING EQUIPMENT MUST BE POTABLE STEAM.
   E. INTERPIPE HOT WATER SUPPLY LINES BETWEEN BOOSTER HEATER AND WAREWASHING EQUIPMENT WHEN SPECIFIED SEPARATELY. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN.
   F. INTERPIPE HOT WATER LINES BETWEEN WATER WASH VENTILATOR ASSEMBLIES AND CONTROL PANELS. SUPPLY A MINIMUM OF 140-DEGREE FAHRENHEIT HOT WATER AT CONTROL PANEL. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN. REFER TO MANUFACTURER DRAWINGS FOR EXACT REQUIREMENTS.
   G. INTERPIPE CENTRALIZED WASTE GREASE PLUMBING LINE FROM PUMPING/COLLECTION STATION TO GREASE WASTE COLLECTION TANK IN PITCHED MANNER PER MANUFACTURER'S DIRECTION. PROVIDE HEAT TRACE CABLE/TAPE ON LINE-RUN WHERE AMBIENT AIR TEMPERATURE ALONG LINE- RUN IS BELOW 70 DEGRESS FAHRENHEIT. HEAT TRACE CABLE/TAPE SHALL BE PROVIDED BY E.C.
   H. WASTE CONNECTIONS FOR INDIVIDUAL SECTIONS OF WATER WASH VENTILATORS TO A MAIN DRAIN CONNECTION. REFER TO MANUFACTURER'S DRAWINGS FOR EXACT REQUIREMENTS.
   I. INSTALL IN-LINE WATER FILTERS AS WELL AS INCOMING AND OUTGOING LINES AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.
   J. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTERS SHALL BE STAINLESS STEEL. NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS).
9. NOTES CONCERNING PLUMBING CONNECTIONS:
   K. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTER, AND FROM CARBONATOR TO SODA DISPENSER; AT SODA SYSTEM CARBONATOR, SHALL BE STAINLESS STEEL - NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS). DRAIN PIPE AT SODA DISPENSERS SHALL BE STAINLESS STEEL OR PLASTIC PIPE WASTE LINE UNTIL A POINT WHERE THE WASTE HAS BEEN DILUTED BY AN UPSTREAM FIXTURE.
   L. INTERCONNECT FOOD WASTE SYSTEMS PER MANUFACTURER'S DRAWINGS.
   M. EQUIPMENT THAT IS CONNECTED TO POTABLE WATER AND UTILIZES AUTOMATICALLY DISPENSED CHEMICALS FOR CLEANING SHALL HAVE AN ACCESSIBLE BACK FLOW PREVENTION DEVICE INSTALLED.
   N. DRAIN LINES FROM ICE BINS ARE TO BE INSULATED THE ENTIRE LINE-RUN TO FLOOR SINK.

P-C. ADDITIONAL NOTES

Plumbing Symbol Legend

- HOT / COLD WATER ROUGH-IN and CONNECTION
- DIRECT WASTE (DW) ROUGH-IN and CONNECTION
- INDIRECT WASTE (IW)
- FUEL GAS ROUGH-IN and CONNECTION
- STEAM SUPPLY ROUGH-IN and CONNECTION
- STEAM CONDENSATE RETURN ROUGH-IN and CONNECTION
- CS — COOLING WATER SUPPLY ROUGH-IN and CONNECTION
- CR — COOLING WATER RETURN ROUGH-IN and CONNECTION
- HOSE BIBB, HOT or COLD WATER
- HOSE BIBB, HOT and COLD WATER with MIXING VALVE and VACUUM BREAKER
- A — COMPRESSED AIR CONNECTION
- FS — FLOOR SINK AND GRATE (FS)
- FD — AREA FLOOR DRAIN (FD)
- FFD — FUNNEL FLOOR DRAIN (FFD)
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL PERMAN 022317 STATE OF NEW YORK

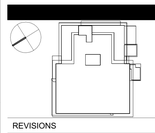
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



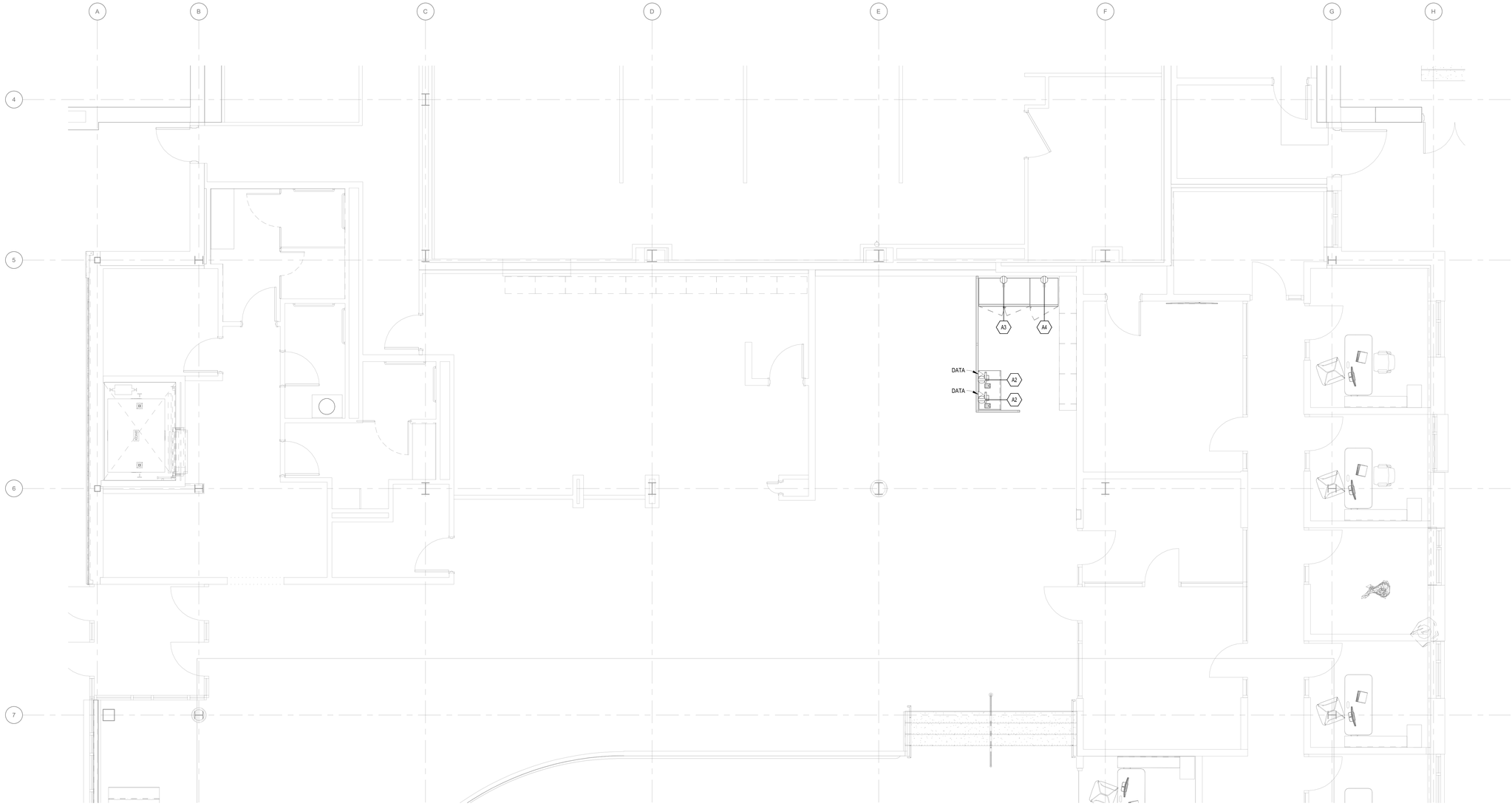
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Plumbing Plan (A)
SHEET NUMBER: QF400-4

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Diner/Cafe Equipment Plan

SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

E-A. GENERAL NOTES:

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL ELECTRICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. ELECTRICAL INFORMATION IS BASED ON A 60 HERTZ ELECTRICAL SYSTEM AND IS INTENDED TO SHOW FOODSERVICE FIXTURES AND EQUIPMENT RECEPTACLE TYPES, LOCATIONS, LOADS, AND CONNECTION POSITIONS ONLY. FURNISH ANY ADDITIONAL RECEPTACLES AS REQUIRED BY LOCAL CODES OR AS REQUESTED BY OWNER. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. ENGINEERS SHALL PROVIDE AT LEAST 15% ADDITIONAL POWER THAN THE MINIMUM REQUIRED WITHIN KITCHEN/CULINARY ZONES FOR CURRENT OR FUTURE EQUIPMENT NEEDS.
9. ANY EXPOSED LOCATION SERVICE STUBBED UP OUT OF THE FLOOR MUST BE PROTECTED AND INSTALLED IN A MANNER THAT WILL PREVENT DAMAGE FROM WATER OR BY COLLISION WITH PORTABLE KITCHEN EQUIPMENT, HEAVILY-LOADED CARTS, OR FLOOR CLEANING EQUIPMENT.
10. PRIOR TO THE INSTALLATION OF FOODSERVICE EQUIPMENT, THE KITCHEN EQUIPMENT CONTRACTOR MUST CONFIRM THAT ELECTRICAL WIRING HAS BEEN PULLED THROUGH JUNCTION BOXES AND THAT LIGHTING FIXTURES ARE WORKING.

E-B. ELECTRICAL NOTES:

ELECTRICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. ALL WIRING, WIRING CONDUITS, JUNCTION BOXES, ELECTRICAL RECEPTACLES, SWITCHES, COVER PLATES, PLUG MOLDING, ETC. AS SHOWN ON PLAN AND NOT PROVIDED BY OTHERS. RUN ALL OF THE ELECTRICAL SERVICE LINES IN WALLS OR CONCEALED WHEREVER POSSIBLE. ALL EXPOSED SERVICES, COMPONENTS, AND CONNECTIONS SHALL BE VAPOR AND WATER-TIGHT.
2. ALL DISCONNECTS OR OTHER DEVICES AS REQUIRED BY LOCAL CODES. DO NOT LOCATE DISCONNECTS OR OTHER DEVICES (OTHER THAN JUNCTION BOX CONNECTIONS OR CORD & PLUG RECEPTACLES) BEHIND COOKING EQUIPMENT OR BELOW EXHAUST HOOD ASSEMBLIES.
3. ALL SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTIONS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OF ALL ELECTRICAL BELOW AND IN EXHAUST HOODS INTERWIRED WITH FIRE SUPPRESSION AS REQUIRED BY N.F.P.A. STANDARDS.
4. ALL RECEPTACLES, CORD & PLUG ASSEMBLIES TO BE NEMA-SIZED, UL-APPROVED, AND RATED FOR THE SERVICE INDICATED ON THESE PLANS. PROVIDE GFCI RECEPTACLES AS REQUIRED BY THE NEC AND LOCAL CODES. ENSURE THAT GFCI RECEPTACLES AND NOT BREAKERS-ONLY ARE ALLOWED FOR APPLICABLE FOODSERVICE EQUIPMENT.
5. AT ALL WALK-IN COOLER/FREEZER LOCATIONS SHOWN ON THIS PLAN:
   A. ALL VAPOR-PROOF LIGHT FIXTURES, AS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
   B. ALL DISCONNECTS AND SWITCHES AT BLOWER COILS.
   C. ALL VAPOR-PROOF DUPLEX CONVENIENCE RECEPTACLES AS INDICATED ON THIS PLAN.
   D. ALL INTERCONNECTIONS FOR ELECTRICAL COMPONENTS IN THE WALK-IN COOLER/FREEZER COMPARTMENTS.
   E. ALL INTERCONNECTIONS AND SWITCHES FOR FREEZER EVAPORATORS AND COMPRESSORS.
   F. VERIFY EXACT WIRE SIZES WITH MANUFACTURERS SPECIFICATIONS. KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE WIRING DIAGRAM FOR ALL WIRING REQUIRED FOR WALK-IN COOLER/FREEZER COMPARTMENTS.
6. ALL WIRING AND CONDUITS INTO WALK-IN COOLER/FREEZER COMPARTMENTS FOR THE FOLLOWING:
   A. EACH EVAPORATOR COIL
   B. EACH VAPOR-PROOF CEILING LIGHT
   C. EACH PERSONNEL ALARM SWITCH AND LIGHT
   D. EACH DOOR HEATER AND ANY FREEZER COIL DRAIN HEATERS REQUIRED
   E. EACH HIGH-TEMPERATURE WARNING ALARM SYSTEM ALL PENETRATIONS MUST BE MADE THROUGH THE CEILING INSULATION AND ARE REQUIRED TO BE VAPOR-TIGHT. ALL CONDUIT TO RUN ABOVE THE WALK-IN COMPARTMENTS. INSTALLATION OF CONDUIT LINE-RUNS INSIDE OF WALK-IN COMPARTMENTS IS PROHIBITED.
7. ALL WIRING TO AND INTERWIRING BETWEEN EXHAUST HOOD COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONTROL SYSTEMS AND WIRING, DAMPERS, SOLENOIDS, LIGHTS, VFDS, FIRE SUPPRESSION SYSTEMS, BUILDING MANAGEMENT SYSTEM, ETC. AS SHOWN ON MANUFACTURER'S DRAWINGS AND ON MECHANICAL ENGINEER'S DRAWINGS.
8. SWITCHES/CONTROLS FOR EXHAUST HOODS, EXHAUST FANS, SUPPLY FANS, MAKEUP FANS, AND HVAC COMPONENTS AS SPECIFIED BY THE MECHANICAL ENGINEER.
9. ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN.
10. FOR FLOOR PENETRATION ROUGH-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULTIPLE CIRCUITS WHEREVER POSSIBLE.
11. FLOOR RECEPTACLES IN FRONT-OF-HOUSE, NON-KITCHEN AREAS, BUT UTILIZED BY SERVICE TEAM, SHOULD BE VAPOR-PROOF FLUSH TYPE, UNLESS OTHERWISE NOTED. NO FLUSH TYPE RECEPTACLES SHALL BE INSTALLED IN KITCHEN AREAS.
12. INTERCONNECT/INTERWIRE FOOD WASTE SYSTEM CONTROL PANEL WITH FOOD WASTE SYSTEM COMPONENTS AS SHOWN ON MANUFACTURER'S DRAWINGS.
13. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED WITH A BUILT-IN CIRCUIT BREAKER MINI-PANEL/LOAD CENTER- SIZED AS SPECIFIED BY THE ELECTRICAL ENGINEER- PER THE INDIVIDUAL EQUIPMENT REQUIREMENTS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
14. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
15. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE GENERAL CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
16. CEILING-MOUNTED RETRACTABLE DROP CORD ASSEMBLY IN LOCATIONS SHOWN ON PLANS AND ELEVATIONS. RETRACTED CORD HEIGHT TO BE 6'-6" (2M) ABOVE FINISHED FLOOR. OVERALL CORD LENGTH NOT TO EXCEED FINISHED FLOOR TO FINISHED CEILING HEIGHT. E.C. TO PROVIDE CONCEALED UNI -STRUT REINFORCED SUPPORT TO STRUCTURE FOR DROP CORD OR RETRACTABLE CORD ASSEMBLY.

E-C. ADDITIONAL NOTES

Electrical Symbol Legend

- TAG INDICATING DEVICE INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PRE-WIRED BREAKER PANEL INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PB — PULL BOX INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- CONDUIT STUB with FINAL CONNECTIONS to EQUIPMENT
- JUNCTION BOX (JB) with FINAL CONNECTIONS to EQUIPMENT
- DUPLEX CONVENIENCE RECEPTACLE (DCR)
- DUPLEX RECEPTACLE (DR)
- POWER RECEPTACLE, 1 PHASE
- POWER RECEPTACLE, 3 PHASE
- DRC — DROP RECEPTACLE - CORD (DRC)
- DRR — DROP RECEPTACLE - REEL (DRR)
- FLOOR RECEPTACLE, FLUSH OR PEDESTAL MOUNTED
- VAPOR-PROOF LIGHT FIXTURE
- DATA
- SWITCH (SW)
- LOW TEMP. LED LIGHT FIXTURE
- PLUG MOULDING
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER TO INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL PERGAMENT 022313 STATE OF NEW YORK

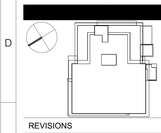
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

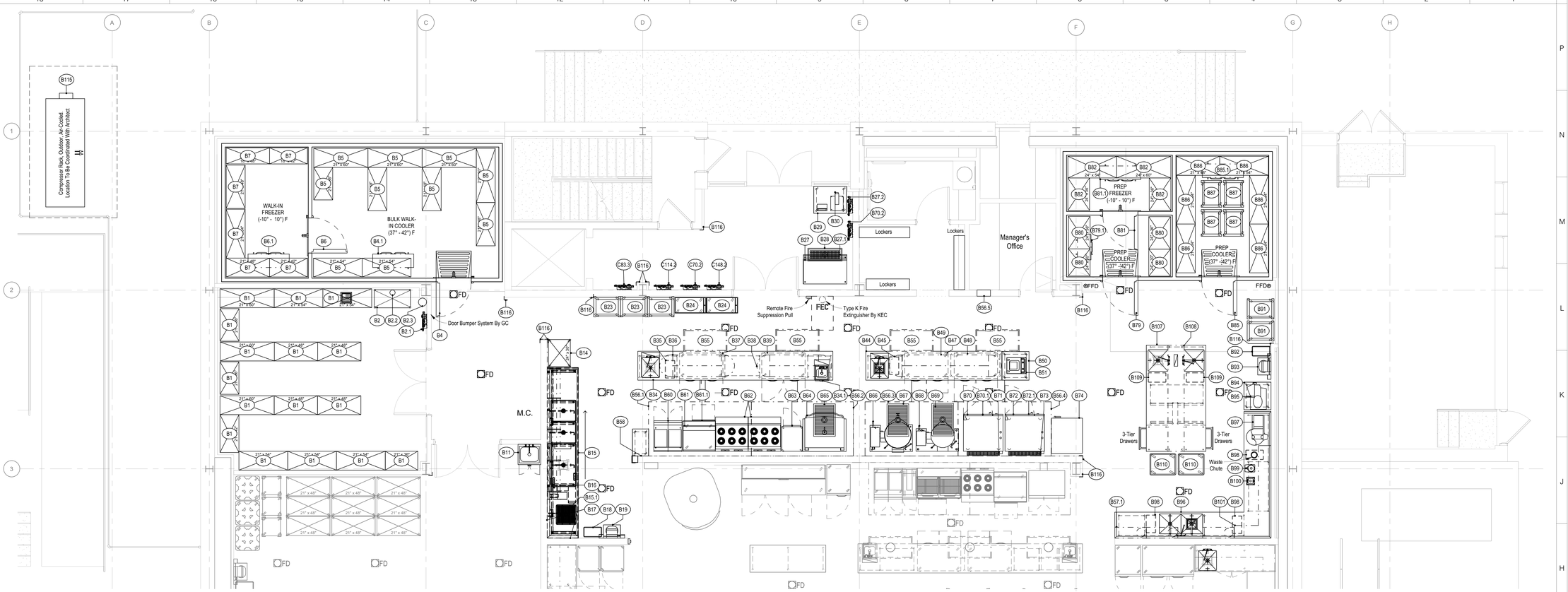
SCALE: As indicated

SHEET NAME:
Foodservice Electrical Plan (A)

SHEET NUMBER:
QF400-5

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 BOH Bulk Production

SCALE: 1/4" = 1'-0"

Foodservice Equipment Schedule - (B)

Item Number	Qty	Description	Remarks
B1	16	Dry Storage Shelving	
B2	1	Bag-N-Box Soda Rack	By Purveyor
B2.1	1	Water Filtration System	Services B2
B2.2	1	Soda System Conduit Entrance	To C83, By EC
B2.3	1	75lb CO2 Tank	By Purveyor
B3	1	Spare Number	
B4	1	Walk-In Cooler	Air-Cooled
B4.1	1	Cooler Evaporator Coil	Remote To Item #B105
B5	10	Cooler Storage Shelving	
B6	1	Walk-In Freezer	Air-Cooled
B6.1	1	Freezer Evaporator Coil	Remote To Item #B105
B7	6	Freezer Storage Shelving	
B8	1	Spare Number	
B9	1	Spare Number	
B10	1	Spare Number	
B11	1	Mop Sink Cabinet	
B12	1	Spare Number	
B13	1	Spare Number	
B14	1	Clean Dish Storage Shelving	
B15	1	Agitating Pot Sink	
B15.1	1	Pre-Rinse Facuet	
B16	1	Wall Shelf, Tubular	
B17	1	Wall Flashing	
B18	1	Trash Receptacle, 23 Gallon	By Owner/Operator
B19	1	Hand Sink Assembly	W/ Soap & Towel Dispenser
B20	1	Spare Number	
B21	1	Spare Number	
B22	1	Spare Number	
B23	3	Pan Rack Cart	
B24	2	Utility Cart	
B25	1	Spare Number	
B26	1	Spare Number	
B27	1	Ice Machine	
B27.1	1	Ice Bin	
B27.2	1	Water Filtration System	Services B27
B28	1	Floor Trough With Grate	
B29	1	Work Table, Mobile	
B30	1	Scale	
B31	1	Spare Number	
B32	1	Spare Number	
B33	1	Spare Number	
B34	1	Work Table W/ Sink	
B34.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
B35	1	Trash Receptacle, 23 Gallon	By Owner/Operator
B36	1	Utensil Rack, Ceiling Mounted	
B37	1	Freezer, Undercounter With Drawers	

Foodservice Equipment Schedule - (B)

Item Number	Qty	Description	Remarks
B38	1	Utensil Rack, Ceiling Mounted	
B39	1	Refrigerator, Undercounter	
B40	1	Spare Number	
B41	1	Spare Number	
B42	1	Spare Number	
B43	1	Spare Number	
B44	1	Work Table W/ Sink	
B45	1	Trash Receptacle, 23 Gallon	By Owner/Operator
B46	1	Spare Number	
B47	1	Refrigerator, Undercounter With Drawers	
B48	1	Refrigerator, Undercounter	
B49	1	Utensil Rack, Ceiling Mounted	
B50	1	Work Table, Mobile	
B51	1	Vacuum Sealer	
B52	1	Spare Number	
B53	1	Spare Number	
B54	1	Spare Number	
B55	4	Make-Up Air Diffuser	
B56.1	1	Exhaust Hood	
B56.2	1	Exhaust Hood	
B56.3	1	Exhaust Hood	
B56.4	1	Exhaust Hood	
B56.5	1	Hood Control Panel	
B57.1	1	Fire Suppression System, Wall Mounted	
B57.2	1	Fire Suppression System, Wall Mounted	
B58	1	Wall Flashing	
B59	1	Work Table, Mobile	
B60	1	Fryer Battery With Filter	
B61	1	36" Griddle, Electric	
B61.1	1	Refrigerated Base	
B62	2	4-Burner Induction Range W/ Convection Oven, Electric	
B63	1	Cook Hold Oven/Smoker	
B64	1	Tilt Skillet, 60 Gal. With Fill Faucet	
B65	1	Floor Trough	
B66	1	Tilting Kettle, 60-Gal. With Fill Faucet	
B67	1	Floor Trough	
B68	1	Tilting Kettle, 40 Gal. With Fill Faucet	
B69	1	Floor Trough	
B70	1	Combi Oven	Top Oven
B70.1	1	Combi Oven	Bottom Oven
B70.2	1	Water Filtration System	Services B70, B70.1, B72, & B72.1
B71	1	Trench Drain	
B72	1	Combi Oven	Top Oven
B72.1	1	Combi Oven	Bottom Oven

Foodservice Equipment Schedule - (B)

Item Number	Qty	Description	Remarks
B73	1	Trench Drain	
B74	1	Blast Chiller / Shock Freezer, Reach-In	
B75	1	Spare Number	
B76	1	Spare Number	
B77	1	Spare Number	
B78	1	Spare Number	
B79	1	Walk-In Cooler	Air-Cooled
B79.1	1	Cooler Evaporator Coil	Remote To Item #B105
B80	4	Cooler Storage Shelving	
B81	1	Walk-In Freezer	Air-Cooled
B81.1	1	Freezer Evaporator Coil	Remote To Item #B105
B82	4	Freezer Storage Shelving	
B83	1	Spare Number	
B84	1	Spare Number	
B85	1	Walk-In Cooler	Air-Cooled
B85.1	1	Cooler Evaporator Coil	Remote To Item #B105
B86	6	Cooler Storage Shelving	
B87	4	Pan Rack Cart	
B88	1	Spare Number	
B89	1	Spare Number	
B90	1	Spare Number	
B91	2	Pan Rack Cart	
B92	1	Trash Receptacle, 23 Gallon	By Owner/Operator
B93	1	Hand Sink Assembly	W/ Soap & Towel Dispenser
B94	1	Work Table, Mobile	
B95	1	Slicer	
B96	1	Prep Table W/ Sinks	
B97	1	Food Cutter	
B98	3	Trash Receptacle, 23 Gallon	By Owner/Operator
B99	1	Food Processor	
B100	1	Blender	
B101	1	Wall Shelf, Double	
B102	1	Spare Number	
B103	1	Spare Number	
B104	1	Spare Number	
B105	1	Spare Number	
B106	1	Spare Number	
B107	1	Work Table W/ Sinks	
B108	1	Overshelf, Single Tier	
B109	2	Trash Receptacle, 23 Gallon	By Owner/Operator
B110	2	Short Pan Rack Cart	
B111	1	Spare Number	
B112	1	Spare Number	
B113	1	Spare Number	
B114	1	Spare Number	
B115	1	Compressor Rack	
B116	13	Corner Guard	

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL FUMERO 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

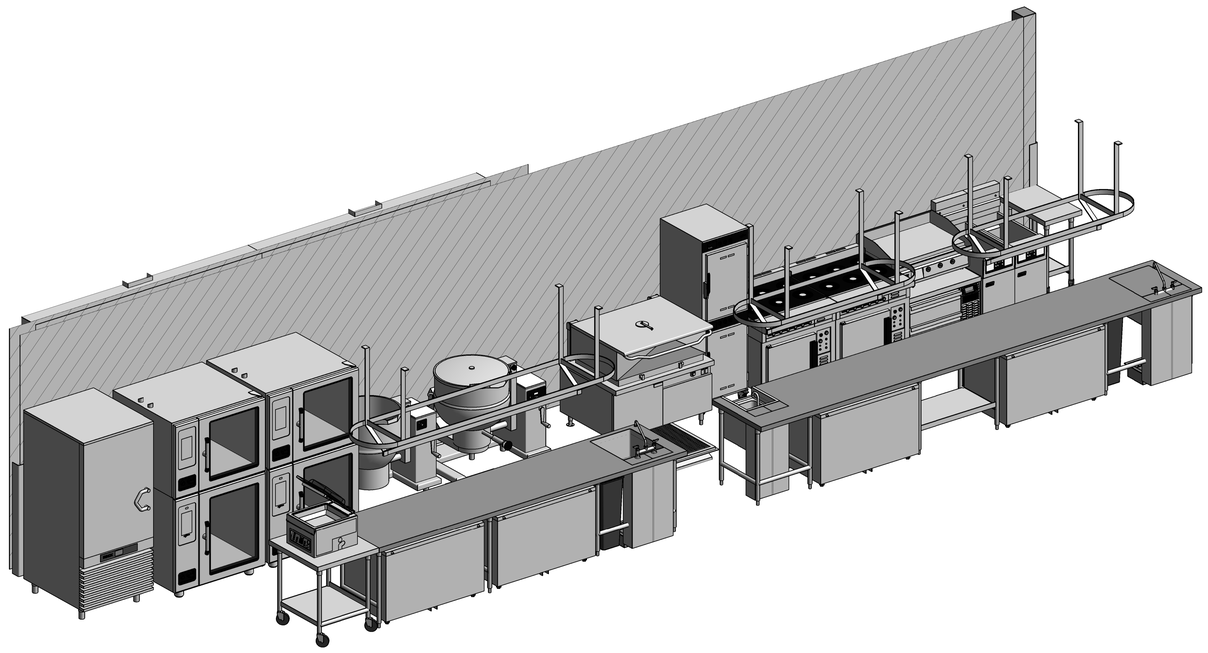
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME: Foodservice Equipment Plan (B)
SHEET NUMBER: QF401-1

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 3D - BOH Kitchen
SCALE:

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUADRINI 023315 STATE OF NEW YORK

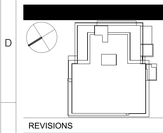
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME:
Foodservice 3D Views (B)

SHEET NUMBER:
QF401-1A

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (B)

Item Number	QTY	Description	Remarks	Electrical: Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Plumbing: Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Ventilation: Exhaust Collar Size Width	Exhaust Collar Size Depth	Exhaust Collar Size DIA	Exhaust Volume	Exhaust Static Pressure	Supply Collar Size Width	Supply Collar Size Depth	Supply Volume	Supply Static Pressure	Ventilation Remarks	OFOI	OFCI	CFCI	Item Number
B1	16	Dry Storage Shelving																																					Yes	No	No	B1
B2	1	Bag-N-Box Soda Rack	By Purveyor		120	1	16	1.92	60	PLUG	90"	Refer To Electrical Note E-A.6															Refer To Plumbing Note P-B.9K. PC To Inter-Connect Water Filter To Equipment In Walls											No	No	No	B2
B2.1	1	Water Filtration System	Services B2										3/4"	90"													PC To Inter-Connect Water Filter To Equipment In Walls											No	Yes	No	B2.1
B2.2	1	Soda System Conduit Entrance	To C83, By EC									EC To Provide Conduit Design And Routing, BC&V Note M-C.11																										No	Yes	No	B2.2
B2.3	1	75lb CO2 Tank	By Purveyor																																			No	No	No	B2.3
B3	1	Spare Number																																				No	No	No	B3
B4	1	Walk-In Cooler	Air-Cooled	■	120	1	12	1.44	60	DIRECT		DFA, Refer To QF701 Series For Further Information On Walk-In																										No	No	Yes	B4
B4.1	1	Cooler Evaporator Coil	Remote To Item #B105	■	120	1	1.8	0.22	60	DIRECT		DFA, Refer To QF700 Series For Further Information On Refrigeration System								1"							Refer To QF700 Series For Further Information On Refrigeration System, IW To Floor Sink											No	No	Yes	B4.1
B5	10	Cooler Storage Shelving																																				Yes	No	No	B5
B6	1	Walk-In Freezer	Air-Cooled	■	120	1	12	1.44	60	DIRECT		DFA, Refer To QF701 Series For Further Information On Walk-In																										No	No	Yes	B6
B6.1	1	Freezer Evaporator Coil	Remote To Item #B105	■	208	1	9.1	1.89	60	DIRECT		DFA, Refer To QF700 Series For Further Information On Refrigeration System								1"							Refer To QF700 Series For Further Information On Refrigeration System, IW To Floor Sink											No	No	Yes	B6.1
B7	6	Freezer Storage Shelving																																				Yes	No	No	B7
B8	1	Spare Number																																				No	No	No	B8
B9	1	Spare Number																																				No	No	No	B9
B10	1	Spare Number																																				No	No	No	B10
B11	1	Mop Sink Cabinet											1/2"	36"	1/2"	5	36"	2"	0"																			No	No	Yes	B11
B12	1	Spare Number																																				No	No	No	B12
B13	1	Spare Number																																				No	No	No	B13
B14	1	Clean Dish Storage Shelving																																				Yes	No	No	B14
B15	1	Agitating Pot Sink			208	3	20	4.16	60	DIRECT	24"		3/4"	6"	3/4"	90	6"			1 1/2"							IW To Floor Sink											No	No	Yes	B15
B15.1	1	Pre-Rinse Facuet											1/2"	18"	1/2"	25	18"																					No	No	Yes	B15.1
B16	1	Wall Shelf, Tubular																																				No	Yes	No	B16
B17	1	Wall Flashing																																				No	Yes	No	B17
B18	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																			Yes	No	No	B18
B19	1	Hand Sink Assembly	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																			No	No	Yes	B19
B20	1	Spare Number																																				No	No	No	B20
B21	1	Spare Number																																				No	No	No	B21
B22	1	Spare Number																																				No	No	No	B22
B23	3	Pan Rack Cart																																				Yes	No	No	B23
B24	2	Utility Cart																																				Yes	No	No	B24
B25	1	Spare Number																																				No	No	No	B25
B26	1	Spare Number																																				No	No	No	B26
B27	1	Ice Machine			208	1	12.4	2.58	60	DIRECT	66"		1/2"	66"						3/4"							PC To Inter-Connect Water Filter To Equipment In walls, IW To Floor Sink										19,400 BTU/H Heat Removal	No	Yes	No	B27
B27.1	1	Ice Bin																		3/4"							IW To Floor Sink											No	Yes	No	B27.1
B27.2	1	Water Filtration System	Services B27										3/4"	66"													PC To Inter-Connect Water Filter To Equipment In Walls											No	Yes	No	B27.2
B28	1	Floor Trough With Grate																4"	-4"								Waste In Depression											No	No	Yes	B28
B29	1	Work Table, Mobile																																				Yes	No	No	B29
B30	1	Scale			120	1	16	1.92	60	PLUG	48"																												Yes	No	No	B30
B31	1	Spare Number																																				No	No	No	B31
B32	1	Spare Number																																				No	No	No	B32
B33	1	Spare Number																																				No	No	No	B33
B34	1	Work Table W/ Sink			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Table	1/2"	18"	1/2"	25	18"			1 1/2"							IW To Floor Sink											No	No	Yes	B34
B34.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																			No	No	Yes	B34.1
B35	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																			Yes	No	No	B35
B36	1	Utensil Rack, Ceiling Mounted																																				No	Yes	No	B36
B37	1	Freezer, Undercounter With Drawers			115	1	7.7	0.89	60	PLUG	24"																												Yes	No	No	B37
B38	1	Utensil Rack, Ceiling Mounted																																				No	Yes	No	B38
B39	1	Refrigerator, Undercounter			115	1	2.5	0.28	60	PLUG	24"																												Yes	No	No	B39
B40	1	Spare Number																																				No	No	No	B40
B41	1	Spare Number																																				No	No	No	B41
B42	1	Spare Number																																				No	No	No	B42
B43	1	Spare Number																																				No	No	No	B43
B44	1	Work Table W/ Sink			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Table	1/2"	18"	1/2"	25	18"			1 1/2"							IW To Floor Sink											No	No	Yes	B44
B45	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																			Yes	No	No	B45
B46	1	Spare Number																																				No	No	No	B46
B47	1	Refrigerator, Undercounter With Drawers			115	1	2.5	0.28	60	PLUG	24"																												Yes	No	No	B47
B48	1	Refrigerator, Undercounter			115	1	2.5	0.28	60	PLUG	24"																												Yes	No	No	B48
B49	1	Utensil Rack, Ceiling Mounted																																				No	Yes	No	B49
B50	1	Work Table, Mobile																																				Yes	No	No	B50
B51	1	Vacuum Sealer			120	1	9.5	1.14	60	PLUG	36"	Mounted To Underside Of Table																												Yes	No	No	B51
B52	1	Spare Number																																				No	No	No	B52
B53	1	Spare Number																																				No	No	No	B53
B54	1	Spare Number																																				No	No	No	B54
B55	4	Make-Up Air Diffuser																																	1009	0.23			No	No	Yes	B55
B56.1	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																12"	11"		1613	0.29					Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	B56.1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAURO QUIMBY 022313 STATE OF NEW YORK

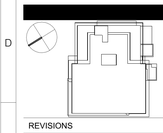
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

SHEET NAME:
Foodservice Utility Schedule (B)

SHEET NUMBER:
QF401-2A

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (B)

				Electrical								Plumbing														Ventilation																	
																										Exhaust Collar Size					Supply Collar Size												
Item Number	QTY	Description	Remarks	Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Width	Depth	DIA	Exhaust Volume	Exhaust Static Pressure	Width	Depth	Supply Volume	Supply Static Pressure	Ventilation Remarks	OFOI	OFCI	CFCI	Item Number
B56.2	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																12"	9"		1206	0.24					Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	B56.2
B56.3	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																11"	8"		1082	0.27					Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	B56.3
B56.4	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																12"	8"		1142	0.22					Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	B56.4
B56.5	1	Hood Control Panel		■	120	1	12	1.44	60	DIRECT	66"																											No	No	Yes	B56.5
B57.1	1	Fire Suppression System, Wall Mounted			120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Fire Suppresion System																											No	No	Yes	B57.1
B57.2	1	Fire Suppression System, Wall Mounted			120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Fire Suppresion System																											No	No	Yes	B57.2
B58	1	Wall Flashing																																					No	Yes	No	B58
B59	1	Work Table, Mobile																																								B59
B60	1	Fryer Battery With Filter			480	3	27	22	60	DIRECT	24"	Two (2) 480V Connections Plus, One (1) 120V 6.8A Plug																											No	Yes	No	B60
B61	1	36" Griddle, Electric			480	3	22	18	60	DIRECT	24"																													No	Yes	No	B61
B61.1	1	Refrigerated Base			115	1	2.5	0.29	60	PLUG	24"																													Yes	No	No	B61.1
B62	2	4-Burner Induction Range W/ Convection Oven, Electric			208	3	69.2	21.6	60	DIRECT	24"																													No	Yes	No	B62
B63	1	Cook Hold Oven/Smoker			208	1	31.4	6.53	60	PLUG	24"	EC Provide Cord And Plug																													No	Yes	No	B63
B64	1	Tilt Skillet, 60 Gal. With Fill Faucet			480	3	32.5	26.99	60	DIRECT	24"		1/2"	18"	1/2"	5	18"																							No	Yes	No	B64
B65	1	Floor Trough																4"	-6"								Waste In Depression											No	No	Yes	B65
B66	1	Tilting Kettle, 60-Gal. With Fill Faucet			480	3	29	24.08	60	DIRECT	24"		1/2"	18"	1/2"	25	18"																							No	Yes	No	B66
B67	1	Floor Trough																4"	-6"								Waste In Depression											No	No	Yes	B67
B68	1	Tilting Kettle, 40 Gal. With Fill Faucet			480	3	29	24.08	60	DIRECT	24"		1/2"	18"	1/2"	5	18"																							No	Yes	No	B68
B69	1	Floor Trough																4"	-6"								Waste In Depression											No	No	Yes	B69
B70	1	Combi Oven	Top Oven		480	3	22.4	18.6	60	DIRECT	48"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	B70
B70.1	1	Combi Oven	Bottom Oven		480	3	39.7	32.97	60	DIRECT	24"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	B70.1
B70.2	1	Water Filtration System	Services B70, B70.1, B72, & B72.1										3/4"	90"													PC To Inter-Connect Water Filter To Equipment In Walls													No	Yes	No	B70.2
B71	1	Trench Drain																2"	-4"								Waste In Depression											No	No	Yes	B71
B72	1	Combi Oven	Top Oven		480	3	22.4	18.6	60	DIRECT	48"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	B72
B72.1	1	Combi Oven	Bottom Oven		480	3	39.7	32.97	60	DIRECT	24"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	B72.1
B73	1	Trench Drain																2"	-4"								Waste In Depression											No	No	Yes	B73
B74	1	Blast Chiller / Shock Freezer, Reach-In			208	3	12	4.7	60	DIRECT	24"									1 1/4"							IW To Floor Sink													Yes	No	No	B74
B75	1	Spare Number																																					No	No	No	B75
B76	1	Spare Number																																					No	No	No	B76
B77	1	Spare Number																																					No	No	No	B77
B78	1	Spare Number																																					No	No	No	B78
B79	1	Walk-In Cooler	Air-Cooled	■	120	1	12	1.44	60	DIRECT		DFA, Refer To QF701 Series For Further Information On Walk-In																											No	No	Yes	B79
B79.1	1	Cooler Evaporator Coil	Remote To Item #B105	■	120	1	0.9	0.11	60	DIRECT		DFA, Refer To QF700 Series For Further Information On Refrigeration System								1"							Refer To QF700 Series For Further Information On Refrigeration System, IW To Floor Sink													Yes	No	No	B79.1
B80	4	Cooler Storage Shelving																																					No	No	Yes	B80
B81	1	Walk-In Freezer	Air-Cooled	■	120	1	12	1.44	60	DIRECT		DFA, Refer To QF701 Series For Further Information On Walk-In																											No	No	Yes	B81
B81.1	1	Freezer Evaporator Coil	Remote To Item #B105	■	208	1	9.1	1.89	60	DIRECT		DFA, Refer To QF700 Series For Further Information On Refrigeration System								1"							Refer To QF700 Series For Further Information On Refrigeration System, IW To Floor Sink													No	No	Yes	B81.1
B82	4	Freezer Storage Shelving																																					Yes	No	No	B82
B83	1	Spare Number																																					No	No	No	B83
B84	1	Spare Number																																					No	No	No	B84
B85	1	Walk-In Cooler	Air-Cooled	■	120	1	12	1.44	60	DIRECT		DFA, Refer To QF701 Series For Further Information On Walk-In																											No	No	Yes	B85
B85.1	1	Cooler Evaporator Coil	Remote To Item #B105	■	120	1	1.8	0.22	60	DIRECT		DFA, Refer To QF700 Series For Further Information On Refrigeration System								1"							Refer To QF700 Series For Further Information On Refrigeration System, IW To Floor Sink													No	No	Yes	B85.1
B86	6	Cooler Storage Shelving																																					Yes	No	No	B86
B87	4	Pan Rack Cart																																					Yes	No	No	B87
B88	1	Spare Number																																					No	No	No	B88
B89	1	Spare Number																																					No	No	No	B89
B90	1	Spare Number																																					No	No	No	B90
B91	2	Pan Rack Cart																																					Yes	No	No	B91
B92	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																				Yes	No	No	B92
B93	1	Hand Sink Assembly	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																					No	No	Yes	B93
B94	1	Work Table, Mobile																																					Yes	No	No	B94
B95	1	Slicer			120	1	5.6	0.67	60	PLUG	48"																													Yes	No	No	B95
B96	1	Prep Table W/ Sinks			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit	1/2"	18"	1/2"	50	18"			1 1/2"							IW To Floor Sink													No	No	Yes	B96
B97	1	Food Cutter			115	1	13	1.5	60	PLUG	48"																													Yes	No	No	B97
B98	3	Trash Receptacle, 23 Gallon	By Owner/Operator																																				Yes	No	No	B98
B99	1	Food Processor			120	1	7	0.84	60	PLUG	48"																													Yes	No	No	B99
B100	1	Blender			120	1	13	1.56	60	PLUG	48"																													Yes	No	No	B100
B101	1	Wall Shelf, Double																																					No	Yes	No	B101
B102	1	Spare Number																																					No	No	No	B102
B103	1	Spare Number																																					No	No	No	B103
B104	1	Spare Number																																					No	No	No	B104
B105	1	Spare Number																																					No	No	No	B105
B106	1	Spare Number																																					No	No	No	B106
B107	1	Work Table W/ Sinks			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit	1/2"	18"	1/2"	50	18"			1 1/2"							IW To Floor Sink													No	No	Yes	B107
B108	1	Overshelf, Single Tier																																					No	Yes	No	B108
B109	2	Trash Receptacle, 23 Gallon	By Owner/Operator																																				Yes	No	No	B109
B110	2	Short Pan Rack Cart																																					Yes	No	No	B110
B111	1	Spare Number																																					No	No	No	B111
B112	1	Spare Number																																					No	No	No	B112
B113	1	Spare Number																																					No	No	No	B113
B114	1	Spare Number																																					No	No	No	B114
B115	1	Compressor Rack			480	3	19.3	16.03	60	DIRECT	36"	Refer To QF700 Series For Further Information On Refrigeration System																											No	No	Yes	B115
B116	13	Corner Guard																																					No	Yes	No	B116

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 012313 STATE OF NEW YORK

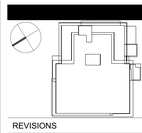
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

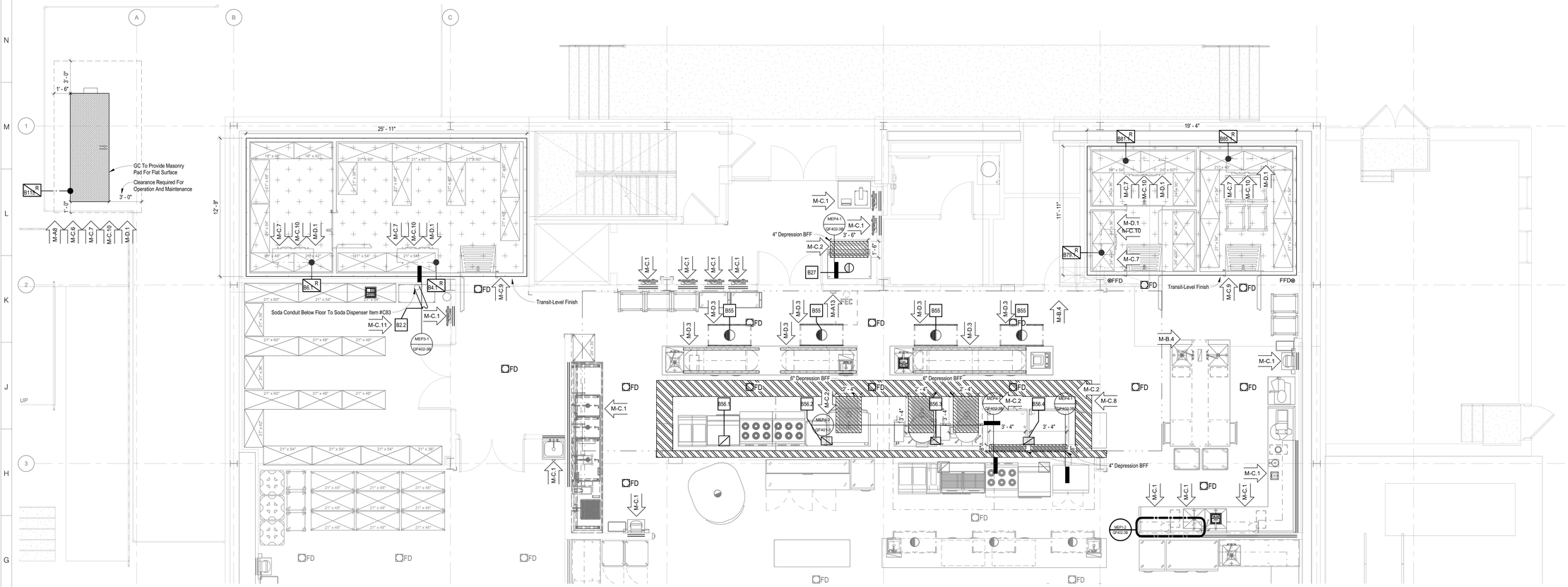
SCALE:

SHEET NAME:
Foodservice Utility Schedule (B)

SHEET NUMBER:
QF401-2B

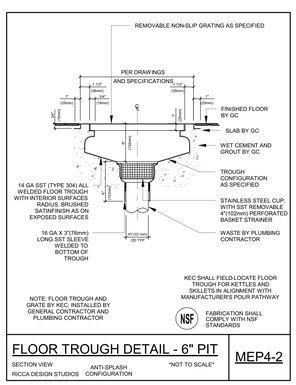
BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 BOH Bulk Production BC&V Plan

SCALE: 1/4" = 1'-0"



FLOOR TROUGH DETAIL - 6" PIT

MEP4-2

SECTION VIEW — ANTI-SPLASH CONFIGURATION — "NOT TO SCALE"

RICCA DESIGN STUDIOS

BUILDING CONDITIONS & VENTILATION NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

M-A GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER 'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL CONSTRUCTION AND MECHANICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING CURRENT INTERNATIONAL MECHANICAL CODE, AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW SPECIAL BUILDING AND VENTILATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. RECOMMEND TO PROVIDE MINIMUM LIVE LOADS OF 150 LBS. PER SQUARE FOOT (68KG PER.09 SQUARE METERS). PROVIDE REINFORCED SLAB FOR ANY FOODSERVICE EQUIPMENT THAT MAY EXCEED 150 LBS. PER SQUARE FOOT, SUCH AS A LARGE COMPRESSOR RACK, LARGE DISH MACHINE, LARGE OVENS, ETC.
9. RECOMMENDED MINIMUM FINISHED CEILING HEIGHTS IN KITCHEN AREAS AND FOR SPECIFIC FOODSERVICE EQUIPMENT ARE AS FOLLOWS:
   A. KITCHEN AREAS WITH EXHAUST HOODS 9'-0" (2.75M)
   B. WALK-IN COOLER/FREEZER AREAS 9'-0" (2.75M)
   C. GENERAL AREAS 9'-0" (2.75M)
   D. ICE MACHINE AREAS 10'-6" (3.2M)
10. ADEQUATE SPACE IS NEEDED ABOVE THE FINISHED CEILINGS FOR MECHANICAL AND ELECTRICAL WORK, ESPECIALLY ABOVE EXHAUST HOODS AND WALK-IN COOLER/FREEZERS. NOTIFY RICCA DESIGN STUDIOS IF HEIGHTS ARE LESS THAN RECOMMENDED MINIMUMS.
    A. WALK-IN COOLER/FREEZER CEILING PANELS REQUIRE ADDITIONAL 18" (457MM) CLEARANCE ABOVE FOR INSTALLATION
    B. ICE MACHINES REQUIRE 24" (609 MM) CLEARANCE ABOVE FOR INSTALLATION
11. ALL FLOOR SINKS AND FLOOR TROUGHS TO BE SET FLUSH WITH FINISHED FLOOR - UNLESS OTHERWISE DIRECTED BY LOCAL CODE. ALL FLOOR TROUGHS SERVING FOODSERVICE EQUIPMENT WITH LIQUID VOLUME IN TILTING OR IN VALVED DUMPING MANNER SHALL BE PLACED IN A LOCATION DIRECTLY RELATED TO MANUFACTURER'S REQUIRED POUR-PATH FOR EQUIPMENT TO BE SET IN PLACE. KITCHEN EQUIPMENT CONTRACTOR AND GENERAL CONTRACTOR TO FIELD-VERIFY LOCATION IN RELATION TO REQUIRED POUR PATH, AND IN HEIGHT PER PITCH-TO-DRAIN REQUIRED.
12. THE MOUNTED HEIGHT FOR THE BOTTOM EDGE OF EXHAUST HOODS TO BE SET AT 6'-6" MINIMUM (2.0M) ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THE BOTTOM EDGE OF EXHAUST HOODS SHALL BE NO HIGHER THAN 7'-0" (2134MM) ABOVE FINISHED FLOOR.
13. MANUAL-PULL EXHAUST HOOD FIRE EVENT PULL STATION AND CONDUIT TO BE MOUNTED WITHIN WALL CAVITY AND SET TO 48" ABOVE FINISHED FLOOR (1220MM) AT CENTER. CONDUIT TO TERMINATE PER MANUFACTURER'S DRAWINGS. KITCHEN EQUIPMENT CONTRACTOR AND MECHANICAL CONTRACTOR TO VERIFY LOCATION WITH APPLICABLE FIRE CODE OFFICIALS PRIOR TO INSTALLATION.
14. GENERAL CONTRACTOR TO CONFIRM FOLLOWING IS COMPLETED PRIOR TO THE FOODSERVICE EQUIPMENT DELIVERY AND SET-IN-PLACE:
    A. THE WALLS AND CEILINGS ARE INSTALLED AND FINISHED. WALLS AND CEILINGS MUST BE SMOOTH, EASILY CLEANABLE, NON-ABSORBENT, DURABLE, WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS.
    B. THE FLOORING IS INSTALLED AND WASHED CLEAN. FLOORS MUST BE NON-SLIP, EASILY CLEANABLE, NON-POROUS, NON-ABSORBENT, AND DURABLE WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS, ALL VERTICAL INTERSECTIONS OF FLOORS-TO-WALLS SHALL HAVE COVED BASES INSTALLED.
    C. CONFIRM IF A LOADING DOCK IS AVAILABLE.
    D. COORDINATION WITH APPLICABLE TRADESPEOPLE FOR ANY DOOR/WINDOW OPENINGS AND/OR PASSAGEWAYS REQUIRED FOR THE DELIVERY OF FOODSERVICE EQUIPMENT.

M-B MECHANICAL NOTES

MECHANICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING APPLICABLE EQUIPMENT AND PROVIDING THE FOLLOWING CONDITIONS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT PER BELOW INSTRUCTIONS.

1. ALL COOKING EXHAUST HOOD ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE I; ALL WARE WASHING ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE II AS REQUIRED PER N.F.P.A. -96.
2. EXHAUST HOOD DUCT TRANSITIONS TO HOODS, FANS, MAKE-UP AIR UNITS, POLLUTION CONTROL UNITS, FIRE-RATED MATERIALS, COMPONENTS, ETC. MAKE ALL FINAL CONNECTIONS ON ALL HOODS.
3. BALANCED TEMPERED SUPPLY AIR AND EXHAUST AIR IN KITCHEN AREAS TO CONTAIN COOKING ODORS AND EFFLUENT AND PROVIDE A COMFORTABLE WORKING ENVIRONMENT. THESE ZONES SHALL BE DESIGNED FOR SLIGHTLY NEGATIVE PRESSURE PER CODE.
4. INDEPENDENT OF EXHAUST HOOD MAKE-UP AIR PLENUM DIFFUSERS AT A LOCATION MINIMUM 8'-0" (2.4M) (CASTING NO GREATER THAN 150 FPM VELOCITY) TO 15'-0" (4.6M) (CASTING NO GREATER THAN 300 FPM VELOCITY) AWAY FROM THE EXHAUST HOOD IN PLAN. 4-WAY CEILING DIFFUSERS SHALL NOT BE UTILIZED IN ANY COOKING ZONE WITHIN KITCHENS.
5. ALL EXHAUST DUCTWORK SEAMS AND JOINTS MUST BE FULLY-WELDED AND WATER/GREASE-TIGHT. ALL EXHAUST DUCTS MUST BE PITCHED PER CODES. ALUMINUM EXHAUST DUCTWORK SHALL NOT BE USED AS DUCTING MATERIAL.
6. ALL FIRE-RATED MATERIALS FOR EXHAUST HOODS, VENT DUCTS, VENT STACKS, AND HEAT-PRODUCING FOODSERVICE EQUIPMENT.
7. SWITCHES, CONTROLS FOR SUPPLY FANS AND EXHAUST FANS, DEMAND CONTROL VENTILATION SYSTEMS, AND HVAC COMPONENTS.
8. AUTOMATIC ACTIVATION OF THE EXHAUST HOOD(S) WHENEVER COOKING OCCURS PER CURRENT INTERNATIONAL MECHANICAL CODE IS THE RESPONSIBILITY OF THE MECHANICAL ENGINEER OF RECORD. VERIFY SPECIFIC REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
9. ENSURE THAT ENTIRE KITCHEN EXHAUST SYSTEM FROM EXHAUST HOOD CANOPY TO FAN IS ASHRAE 90.1 SECTION 5,6,7-COMPLIANT PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN AND WHERE APPLICABLE. WHERE DEMAND CONTROL VENTILATION IS PLANNED, MECHANICAL ENGINEER TO VERIFY THAT VOLUME DAMPERS AND PEAK-DEMAND LIMITERS IN SIZE AND IN LOCATION ARE PLANNED AND CONTROLLED TO PROVIDE A FULLY-FUNCTIONAL SYSTEM AT TIME OF COMMISSIONING AND TURN-OVER.
10. ADDITIONAL AIR CHANGES/HEAT REMOVAL FOR AIR-COOLED AND FOR WATER-COOLED CONDENSING UNITS AND ICE MACHINES SHALL BE SUPPLIED PER MANUFACTURER'S RECOMMENDATIONS.
11. AT LEAST 1.5 TIMES ADDITIONAL VS STANDARD ROOM AIR CHANGES SHALL BE PLANNED WITHIN WARE WASHING ROOMS/ZONES.
12. WHERE DIRECT EXHAUST VENTING IS PERMITTED, PROVIDE A DOUBLE-WALLED GAS CHIMNEY TO THE ATMOSPHERE AS ALLOWED/REQUIRED BY LOCAL CODE. ANY FLUE OF EXCESSIVE LENGTH WITH BENDS OR OTHER RESTRICTIONS SHALL BE PROVIDED WITH A BOOSTER EXHAUST FAN INTERWIRED TO OPERATE WITH THE EQUIPMENT SERVED. BOOSTER FAN SHALL PROVIDE 0" S.P. AT CONNECTION TO EQUIPMENT.

M-C GENERAL CONTRACTOR NOTES

THE ARCHITECT IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING.

1. THE IN-WALL REINFORCING OR WALL BACKING FOR ALL WALL-MOUNTED AND RECESSED FOODSERVICE EQUIPMENT AND CONTROL PANELS.
2. TROUGH DIMENSIONS AND LOCATIONS ON THIS PLAN ARE FOR USE IN SLAB BLOCK-OUT PLANNING IF REQUIRED BY CONSTRUCTION SCHEDULE. FINAL SIZE AND LOCATION TO BE PROVIDED BY KEC WITHIN ISSUED SUBMITTALS.
3. REFER TO MANUFACTURERS DRAWINGS SHEET SERIES FOR NECESSARY FLOOR CONDITIONS - INCLUDING DEPTHS, FLOOR CONSTRUCTION, AND FINISHES. ALL SUB-SLAB, SLAB, OR DEPRESSIONS SHALL BE PROVIDED WITH A SMOOTH AND TRANSIT-LEVEL FINISH. ONCE EQUIPMENT IS SET IN PLACE, REMAINING DEPRESSION TO BE INFILLED WITH GROUT.
4. MANDATORY FOR ALL WALK-IN FREEZER COMPARTMENTS THAT MEASURE OVER 30'-0" (9.144M) IN BOTH LENGTH AND WIDTH: PROVIDE FREEZE PREVENTION BELOW THE INSULATED FLOOR SLAB ON GRADE. SUGGESTIONS ARE DRAINAGE/VENTING SYSTEM, HEAT TRACE SYSTEM, AND/OR REFRIGERATION HEAT GAIN GLYCOL SYSTEM.
5. ALL OPENINGS IN WALLS AS INDICATED ON THIS PLAN.
6. ALL PADS OR CURBS FOR FOODSERVICE EQUIPMENT AND/OR ROOF -MOUNTED COMPRESSOR RACKS PER MANUFACTURER'S INSTRUCTIONS AND/OR DETAILS SHOWN IN THIS DOCUMENT SET.
7. ALL HOLES OR SLEEVES THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS AS REQUIRED FOR THE INSTALLATION OF REFRIGERATION, DRINK, ELECTRICAL, OR PLUMBING LINES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING HOLES AND SLEEVES AFTER INSTALLATION OF THE LINES TO ENSURE A VERMIN-PROOF INSTALLATION.
8. WALL(S) AND CEILING, BEHIND, BELOW, AND AROUND TYPE 1 EXHAUST HOOD(S) SHALL CONFORM TO CURRENT N.F.P.A.- 96 AND ANY OTHER APPLICABLE CODE. DEFINITION IN REGARD TO REQUIRED CLEARANCES TO COMBUSTIBLE, LIMITED, OR NON-COMBUSTIBLE MATERIALS. ARCHITECT, MECHANICAL ENGINEER, AND KEC TO VERIFY THAT PLANNED CLEARANCES CONFORM TO CODE PRIOR TO INSTALLATION OF EXHAUST CANOPY.
9. PROVIDE A TRANSIT-LEVEL FINISH BELOW THIS EQUIPMENT TO THE OUTER EDGE AS INDICATED IN PLAN.
10. ALL CONDUITS AND ROUTING OF CONDUITS FOR REMOTE REFRIGERATION LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CONDUITS THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH KITCHEN EQUIPMENT CONTRACTOR.
11. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BEVERAGE LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASES THROUGH BUILDING. CONDUITS/CHASES SHALL HAVE A SMOOTH INTERIOR FINISH AND MUST BE SEALED WATER-TIGHT. A MINIMUM RADIUS OF 30" (762 MM) AT ALL BENDS WITH SWEEPS WIDENING AS DIAMETER WIDENS (45-DEGREE JOINTS ARE NOT ALLOWED). AN ACCESSIBLE PULL BOX/PULL SLEEVE MAY BE REQUIRED IF OVER 75'-0" (23M) (VERIFY WITH OWNER/OPERATOR 'S PURVEYOR) OR WHERE LOCATED IN FLOORS OR CONCEALED SPACES. THE TOTAL OF ALL BENDS BETWEEN PULL BOXES NOT TO EXCEED 180 DEGREES. STUB CONDUIT ENDS OUT 4" (100MM) FROM WALLS, CEILING, OR FINISHED FLOORS. RECOMMENDED CONDUIT SIZE IS 8" (200MM) DIAMETER FOR BEER, 6" (152MM) DIAMETER MINIMUM FOR OTHER BEVERAGES. SCHEDULE 40 PVC IS STANDARD FOR UNDER-SLAB APPLICATIONS, BUT METAL MAY BE REQUIRED ABOVE GRADE AND WITHIN CEILING PLENUMS. GENERAL CONTRACTOR TO VERIFY MATERIAL TYPE WITH LOCAL CODES AND REGULATIONS. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION. WHERE BEVERAGE CONDUITS ARE REQUIRED TO RUN EXTERIOR OR OUTSIDE OF A TEMPERATURE-CONTROLLED SPACE, THEY SHALL BE INSTALLED IN A WEATHER-PROOF AND TEMPERATURE-RESISTANT MANNER.
12. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BULK CO2 TANK LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASE THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH OWNER/OPERATOR'S LOCAL GAS.(CO2) COMPANY. EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M) FROM DELIVERY TRUCK. TOTAL LINE RUN FROM BULK CO2 TANK TO EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M). PROVIDE CO2 DETECTOR AT THE BULK CO2. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION.

M-D ADDITIONAL NOTES

1. RUN REFRIGERATION LINES TO REMOTE REFRIGERATION SYSTEM AS INDICATED ON THE EQUIPMENT SCHEDULE. KEC TO FURNISH FIELD-COORDINATED REFRIGERATIONS RUN LINE DRAWINGS.
2. REMOTE REFRIGERATION SYSTEM ON WALK-IN BOX, KEC TO PROVIDE STRUCTURAL SUPPORT FOR WEIGHT AND FOR MAINTENANCE. ARCHITECT TO PROVIDE ADEQUATE ACCESS FOR MAINTENANCE.
3. CEILING MOUNTED EQUIPMENT SHALL BE FULLY SUPPORTED FROM STRUCTURAL CEILING ABOVE, AND PROVIDE ANTI- SWAY BRACING WELDED TO VERTICAL SUPPORTS. ADDITIONAL STRUCTURAL SUPPORT ABOVE CEILING TO BE PROVIDED BY GC FOR CEILING HUNG EQUIPMENT. KEC TO COORDINATE WITH GC.
4. KEC TO PROVIDE STAINLESS-STEEL CHANNEL BASE WHERE CALLED OUT. CHANNEL BASE FILLED WITH LIGHT WEIGHT CONCRETE, BY GC.

BC&V Symbol Legend

- FLOOR DEPRESSION
- MASONRY PAD
- TRANSIT - LEVEL FINISH
- NON-COMBUSTIBLE WALL & CEILING MATERIAL (VERIFY REQUIREMENTS with LOCAL CODES)
- FINISHED WALL OPENING
- WALL BACKING
- SUPPLY DUCT
- EXHAUST DUCT
- DIRECT CONNECT FLUE
- AIR MOVEMENT / HEAT REMOVAL
- BEVERAGE CONDUIT
- REFRIGERATION LINE CONNECTION
- R / ITEM# — TAG INDICATING REMOTE REFRIGERATION LINE
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARAM SAMUEL GORGINIAN — 023231 — STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

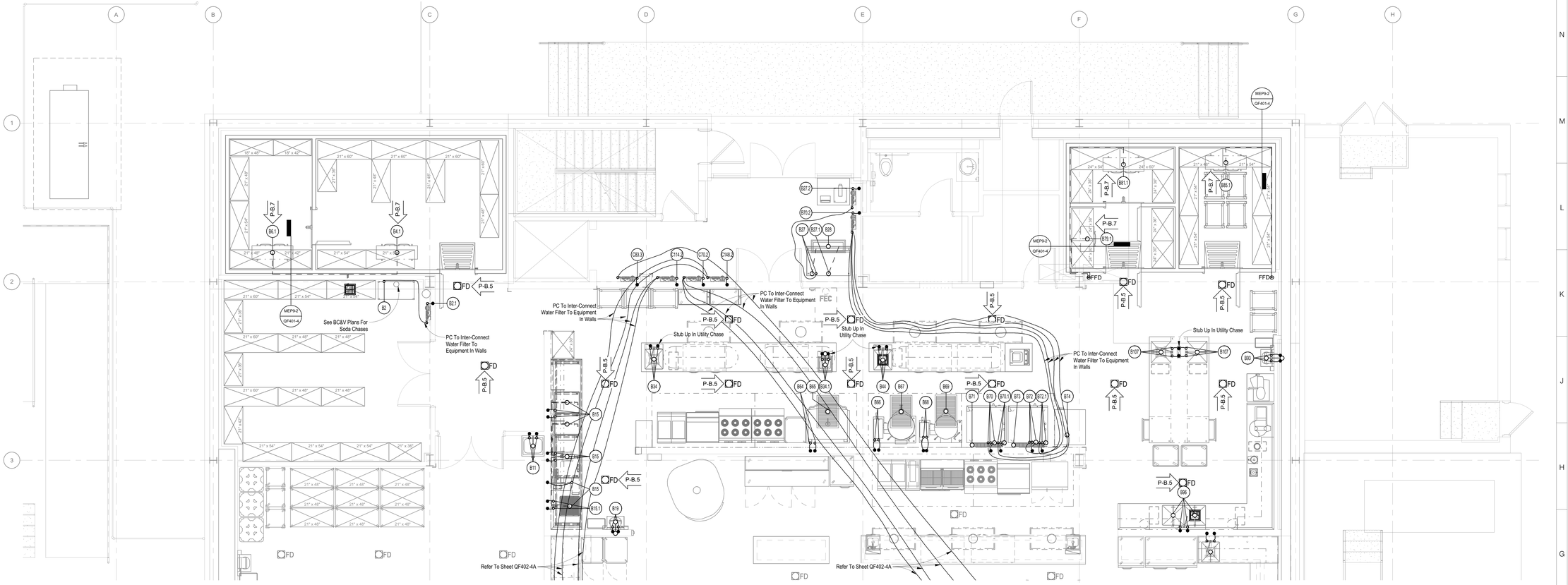
SCALE: As indicated

SHEET NAME:
Foodservice Building Conditions & Ventilation (B)

SHEET NUMBER:
QF401-3

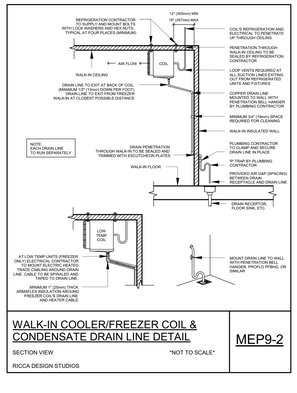
BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 BOH Bulk Production Plumbing Plan

SCALE: 1/4" = 1'-0"



WALK-IN COOLER/FREEZER COIL & CONDENSATE DRAIN LINE DETAIL

SECTION VIEW "NOT TO SCALE"

RICCA DESIGN STUDIOS

MEP9-2

PLUMBING NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

P-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL PLUMBING WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.

P-B. PLUMBING NOTES

PLUMBING ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. DRAIN-LINES, FITTINGS, VALVES, AND ALL PLUMBING COMPONENTS SERVICING FOODSERVICE EQUIPMENT SHALL BE CAPABLE TO WITHSTAND HOT WATER TEMPERATURES MORE THAN 140-200 DEGREES FAHRENHEIT, DRAIN TEMPERATURES OF 130 DEGREES FAHRENHEIT TO BOILING (SOMETIMES UNDER PRESSURE), AND STEAM (IF APPLICABLE) TEMPERATURES AS PER DESIGN PRESSURES. PROVIDE MINIMUM 6'-0" (1.8M) LENGTH CAST IRON PIPING FROM FLOOR SINKS TO WITHSTAND HOT WATER TEMPERATURES.
2. PRESSURE-REDUCING OR REGULATING VALVES, FAUCETS AND WATER INLETS, IN-LINE WATER FILTERS, VACUUM BREAKERS, BACKFLOW PREVENTION DEVICES, REDUCED PRESSURE ZONE BACKFLOR PREVENTORS, ANTI-SCALD VALVES, STAINLESS STEEL DOUBLE CHECK VALVES FOR SODA SYSTEM, ETC. NOT OTHERWISE SUPPLIED TO FOODSERVICE EQUIPMENT AS REQUIRED BY LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS.
3. WASTE LINES, DIRECT AND INDIRECT, TO BE PITCHED DOWNWARD AND TO HAVE ADEQUATE CLEAN-OUT PROVISIONS PER CODE.
4. FLOOR SINKS SHOULD BE SPECIFIED AND INSTALLED WITH TOP GRATES AND REMOVABLE SEDIMENT BUCKET INCLUDED. FLOOR SINK TOP TO BE SET FLUSH WITH FINISHED FLOOR UNLESS DIRECTED OTHERWISE BY LOCAL CODE. PROVIDE ACID-RESISTANT FLOOR SINKS FOR EQUIPMENT THAT DISCHARGES CO2 (I.E. SODA AND WATER DISPENSERS). VERIFY COMPLIANCE WITH LOCAL CODES AND REGULATIONS.
5. AREA FLOOR DRAINS IN QUANTITY AND PROPOSED LOCATION AS COORDINATED WITH OWNER/OPERATOR. SLOPE FLOORS TO AREA DRAINS AT MINIMUM OF 1/16" (.40MM) PER FOOT (304MM) WITHIN A 6' (1.8M) RADIUS OR PER LOCAL CODE.
6. GREASE TRAPS, INCLUDING SIZING, AS REQUIRED. INSTALL GREASE TRAPS OUTSIDE OF BUILDING WHENEVER POSSIBLE. INSTALLATION WITHIN THE BUILDING MUST COMPLY WITH LOCAL CODES AND REGULATIONS. NOTIFY RICCA DESIGN STUDIOS WHEN INSTALLATION MUST BE WITHIN ANY KITCHEN AREAS OR FOODSERVICE ZONES.
7. PROVIDE AND INSTALL INDIRECT DRAIN LINE FROM WALK-IN OR ROOM COOLING EVAPORATOR COILS TO ASSIGNED FLOOR SINK. DRAIN LINES TO BE P-TRAPPED AT EJECTION POINT OUTSIDE OF COLD ZONE. DRAIN LINES WITHIN FREEZER CAVITIES TO BE INSULATED AND WRAPPED WITH HEAT TAPE PROVIDED BY E.C.
8. NOTES CONCERNING PLUMBING ROUGH-INS:
   - A. FURNISH AND INSTALL ALL WATER, WASTE, GAS, AND STEAM LINES AND SIZE SERVICE LINES TO PROVIDE FULL-FLOW VOLUME FOR ALL EQUIPMENT SUPPLIED BY RESPECTIVE MAINS AND BRANCHES. PROVIDE BRASS BALL VALVE (MINIMUM) STOP VALVES AND TAG ROUGH-INS WITH THE APPROPRIATE IDENTIFYING LABELS. SERVICE LINES STUBBED OUT OF WALLS, UP FROM FINISHED FLOORS, OR A CONCRETE CURB A MINIMUM OF 2" (50MM). VENT PIPES MUST BE CONCEALED IN WALLS OR COLUMN CHASE. USE A LOOP-VENT OR AIR GAP ASSEMBLY FOR ISLAND FIXTURES. ALL FLOOR PENETRATIONS MUST BE SEALED WATERTIGHT.
   - B. WASTE LINES SHOWN ARE DESIGNED TO COMPLY WITH THE BEST KNOWN AND GENERALLY-ACCEPTED HEALTH AND SANITARY CONDITIONS AND CODES. PLUMB LINES TO ENSURE NO INTERFERENCE WITH THE INTENDED USE OR SERVICING OF FOODSERVICE EQUIPMENT. RUN LINES BELOW EQUIPMENT AT THE HIGHEST POSSIBLE ELEVATION ABOVE FINISHED FLOOR. NO LINES ARE TO LAY ON OR BE SECURED TO THE FLOOR. FIELD-CUTTING OF ANY FOODSERVICE EQUIPMENT TO MAKE WAY FOR WASTE LINES WITHOUT CONSENT OF KITCHEN EQUIPMENT CONTRACTOR IS PROHIBITED.
   - C. SUPPLY 140-DEGREE FAHRENHEIT HOT WATER TO ALL WAREWASHING EQUIPMENT AND 120-DEGREE FAHRENHEIT HOT WATER TO ALL OTHER EQUIPMENT UNLESS OTHERWISE INSTRUCTED BY CODE. INSULATE WATER AND STEAM LINES (IF REQUIRED) TO CONFORM WITH ACCEPTED PRACTICE. EXPOSED PIPES AND FITTINGS ABOVE A WORKING HEIGHT OF 34" (863MM) ABOVE FINISHED FLOOR SHALL BE CHROME-PLATED OR COVERED WITH A STAINLESS-STEELSLEEVE.
   - D. SIZE FUEL GAS SERVICE LINES TO PROVIDE THE REQUIRED BTU RATING INDICATED FOR SPECIFIED GAS-FIRED EQUIPMENT AT A LOW PRESSURE OF APPROXIMATELY 21 TO 9" WATER COLUMN. EACH PIECE OF GAS-FIRED COOKING EQUIPMENT SHALL BE FURNISHED WITH A PROPERLY-SIZED GAS REULATOR WITH VENT LIMITING DEVICE. GAS REGULAROR SHALL BE PROVIDED BY PLUMBING ENGINEER IF NOT PROVIDED BY KEC. INSTALL AUTOMATIC MECHANICAL SHUT-OFF VALVES - FURNISHED BY FIRE SUPPRESSION CONTRACTOR - IN GAS SUPPLY LINES TO EQUIPMENT UNDER EXHAUST HOOD ASSEMBLIES.
   - E. PROVIDE CHILLED WATER (OR CONDENSER WATER) TO AND FROM COMPRESSOR FROM COOLING TOWER (OR BUILDING'S CONDENSER SYSTEM) AS SHOWN. PROVIDE RICCA DESIGN STUDIOS WITH CHILLED WATER TEMPERATURE TO PROPERLY ENGINEER REFRIGERATION EQUIPMENT. CHILLED WATER PRESSURE SHALL BE PROVIDED AT NO GREATER THAN 150 PSI.
9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - A. ALL WATER, GAS, AND STEAM (WHERE APPLICABLE) SERVICES FOR PORTABLE AND COUNTERTOP EQUIPMENT MUST BE CONNECTED TO THE EQUIPMENT WITH A COMMERCIAL TYPE FLEXIBLE HOSE AND QUICK DISCONNECT FITTINGS TO MEET A.G.A. APPROVAL FOR COMMERCIAL KITCHEN EQUIPMENT.
   - B. WATER PROVIDED FOR STEAM-PRODUCING EQUIPMENT MUST HAVE A WATER HARDNESS NO GREATER THAN 2.0 GRAINS AND A PH LEVEL BETWEEN 7.0 AND 7.5.
   - C. WATER USED FOR COOLING WATER TO CONDENSING UNITS OR COMPRESSORS MUST BE TREATED TO INHIBIT THE FORMATION OF DEPOSITS IN THE CONDENSING TUBES.
   - D. STEAM (WHERE APPLICABLE) THAT COMES IN DIRECT CONTACT WITH FOOD, FOOD HOLDING EQUIPMENT, OR WAREWASHING EQUIPMENT MUST BE POTABLE STEAM.
   - E. INTERPIPE HOT WATER SUPPLY LINES BETWEEN BOOSTER HEATER AND WAREWASHING EQUIPMENT WHEN SPECIFIED SEPARATELY. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN.
   - F. INTERPIPE WATER LINES BETWEEN WATER WASH VENTILATOR ASSEMBLIES AND CONTROL PANELS. SUPPLY A MINIMUM OF 140-DEGREE FAHRENHEIT HOT WATER AT CONTROL PANEL. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN. REFER TO MANUFACTURER DRAWINGS FOR EXACT REQUIREMENTS.
   - G. INTERPIPE CENTRALIZED WASTE GREASE PLUMBING LINE FROM PUMPING/COLLECTION STATION TO GREASE WASTE COLLECTION TANK IN PITCHED MANNER PER MANUFACTURER'S DIRECTION. PROVIDE HEAT TRACE CABLE/TAPE ON LINE-RUN WHERE AMBIENT AIR TEMPERATURE ALONG LINE- RUN IS BELOW 70 DEGREES FAHRENHEIT. HEAT TRACE CABLE/TAPE SHALL BE PROVIDED BY E.C.
   - H. WASTE CONNECTIONS FOR INDIVIDUAL SECTIONS OF WATER WASH VENTILATORS TO A MAIN DRAIN CONNECTION. REFER TO MANUFACTURER'S DRAWINGS FOR EXACT REQUIREMENTS.
   - I. INSTALL IN-LINE WATER FILTERS AS WELL AS INCOMING AND OUTGOING LINES AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.
   - J. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTERS SHALL BE STAINLESS STEEL, NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS).
9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - K. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTER, AND FROM CARBONATOR TO SODA DISPENSER, AT SODA SYSTEM CARBONATOR, SHALL BE STAINLESS STEEL - NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS). DRAIN PIPE AT SODA DISPENSERS SHALL BE STAINLESS STEEL OR PLASTIC PIPE WASTE LINE UNTIL A POINT WHERE THE WASTE HAS BEEN DILUTED BY AN UPSTREAM FIXTURE.
   - L. INTERCONNECT FOOD WASTE SYSTEMS PER MANUFACTURER'S DRAWINGS.
   - M. EQUIPMENT THAT IS CONNECTED TO POTABLE WATER AND UTILIZES AUTOMATICALLY DISPENSED CHEMICALS FOR CLEANING SHALL HAVE AN ACCESSIBLE BACK FLOW PREVENTION DEVICE INSTALLED.
   - N. DRAIN LINES FROM ICE BINS ARE TO BE INSULATED THE ENTIRE LINE-RUN TO FLOOR SINK.

P-C. ADDITIONAL NOTES

Plumbing Symbol Legend

- HOT / COLD WATER ROUGH-IN and CONNECTION
- DIRECT WASTE (DW) ROUGH-IN and CONNECTION
- INDIRECT WASTE (IW)
- FUEL GAS ROUGH-IN and CONNECTION
- STEAM SUPPLY ROUGH-IN and CONNECTION
- STEAM CONDENSATE RETURN ROUGH-IN and CONNECTION
- CS — COOLING WATER SUPPLY ROUGH-IN and CONNECTION
- CR — COOLING WATER RETURN ROUGH-IN and CONNECTION
- HOSE BIBB, HOT or COLD WATER
- HOSE BIBB, HOT and COLD WATER with MIXING VALVE and VACUUM BREAKER
- A — COMPRESSED AIR CONNECTION
- FLOOR SINK AND GRATE (FS)
- FD — AREA FLOOR DRAIN (FD)
- FFD — FUNNEL FLOOR DRAIN (FFD)
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDGSMUEL QUAGLIATA 023313 STATE OF NEW YORK

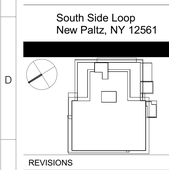
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

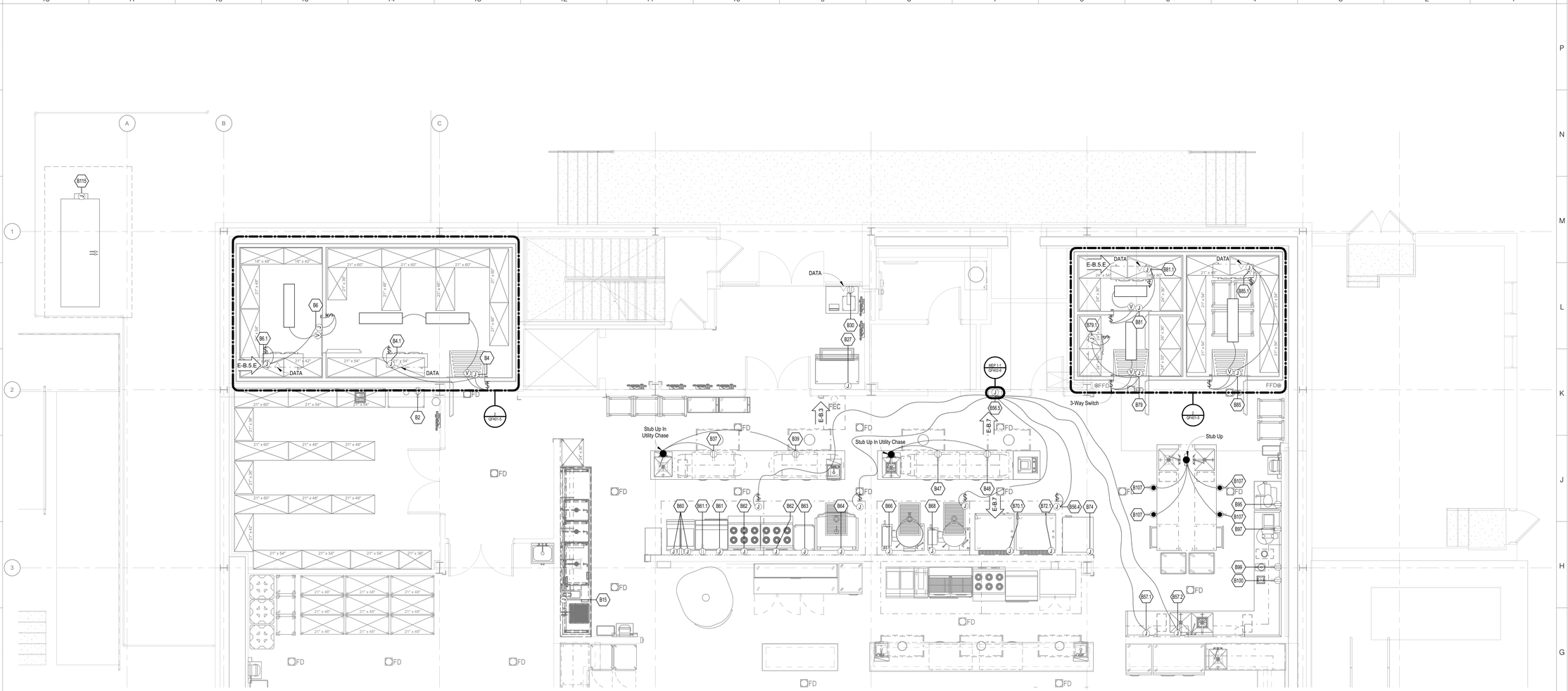
SCALE: As indicated

SHEET NAME:
Foodservice Plumbing Plan (B)

SHEET NUMBER:
QF401-4

BID SET

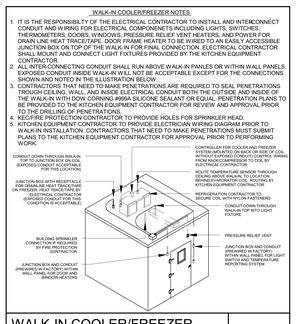
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 BOH Bulk Production Electrical Plan
SCALE: 1/4" = 1'-0"

WALK-IN COOLER/FREEZER NOTES:

1. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INSTALL AND INTERCONNECT CONDUIT AND WIRING FOR ELECTRICAL COMPONENTS INCLUDING LIGHTS, SWITCHES, THERMOMETERS, DOORS, WINDOWS, PRESSURE RELIEF VENT HEATERS, AND POWER FOR DRAIN LINE HEAT TRACE/TAPE, DOOR FRAME HEATER TO BE WIRED TO AN EASILY ACCESSIBLE JUNCTION BOX ON TOP OF THE WALK-IN FOR FINAL CONNECTION. ELECTRICAL CONTRACTOR SHALL MOUNT AND CONNECT LIGHT FIXTURES PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR.
2. ALL INTERCONNECTING CONDUIT SHALL RUN ABOVE WALK-IN PANLES OR WITHIN WALL PANELS. EXPOSED CONDUIT INSIDE WALK-IN WILL NOT BE ACCEPTABLE EXCEPT FOR THE CONNECTIONS SHOWN AND NOTED IN THE ILLUSTRATION BELOW.
3. CONTRACTORS THAT NEED TO MAKE PENETRATIONS ARE REQUIRED TO SEAL PENETRATIONS WITH DOW CORNING #3-6548 SILICONE ELECTRICAL CONDUIT SEAL AT BOTH THE OUTSIDE AND INSIDE OF THE WALK-IN WITH DOW CORNING #3-6548 SILICONE SEALANT OR EQUAL. PENETRATION PLANS TO BE PROVIDED TO THE KITCHEN EQUIPMENT CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO THE DRILLING OF PENETRATIONS.
4. KEC/FIRE PROTECTION CONTRACTOR TO PROVIDE HOLES FOR SPRINKLER HEAD.
5. KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE ELECTRICIAN WIRING DIAGRAM PRIOR TO WALK-IN INSTALLATION. CONTRACTORS THAT NEED TO MAKE PENETRATIONS MUST SUBMIT PLANS TO THE KITCHEN EQUIPMENT CONTRACTOR FOR APPROVAL PRIOR TO PERFORMING WORK.



WALK-IN COOLER/FREEZER CONNECTION DETAIL — MEP9-1

ISOMETRIC VIEW "NOT TO SCALE"

RICCA DESIGN STUDIOS

ELECTRICAL NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

E-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL ELECTRICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. ELECTRICAL INFORMATION IS BASED ON A 60 HERTZ ELECTRICAL SYSTEM AND IS INTENDED TO SHOW FOODSERVICE FIXTURES AND EQUIPMENT RECEPTACLE TYPES, LOCATIONS, LOADS, AND CONNECTION POSITIONS ONLY. FURNISH ANY ADDITIONAL RECEPTACLES AS REQUIRED BY LOCAL CODES OR AS REQUESTED BY OWNER. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. ENGINEERS SHALL PROVIDE AT LEAST 15% ADDITIONAL POWER THAN THE MINIMUM REQUIRED WITHIN KITCHEN/CULINARY ZONES FOR CURRENT OR FUTURE EQUIPMENT NEEDS.
9. ANY EXPOSED LOCATION SERVICE STUBBED UP OUT OF THE FLOOR MUST BE PROTECTED AND INSTALLED IN A MANNER THAT WILL PREVENT DAMAGE FROM WATER OR BY COLLISION WITH PORTABLE KITCHEN EQUIPMENT, HEAVILY-LOADED CARTS, OR FLOOR CLEANING EQUIPMENT.
10. PRIOR TO THE INSTALLATION OF FOODSERVICE EQUIPMENT, THE KITCHEN EQUIPMENT CONTRACTOR MUST CONFIRM THAT ELECTRICAL WIRING HAS BEEN PULLED THROUGH JUNCTION BOXES AND THAT LIGHTING FIXTURES ARE WORKING.

E-B. ELECTRICAL NOTES

ELECTRICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. ALL WIRING, WIRING CONDUITS, JUNCTION BOXES, ELECTRICAL RECEPTACLES, SWITCHES, COVER PLATES, PLUG MOLDING, ETC. AS SHOWN ON PLAN AND NOT PROVIDED BY OTHERS. RUN ALL OF THE ELECTRICAL SERVICE LINES IN WALLS OR CONCEALED WHEREVER POSSIBLE. ALL EXPOSED SERVICES, COMPONENTS, AND CONNECTIONS SHALL BE VAPOR AND WATER-TIGHT.
2. ALL DISCONNECTS OR OTHER DEVICES AS REQUIRED BY LOCAL CODES. DO NOT LOCATE DISCONNECTS OR OTHER DEVICES (OTHER THAN JUNCTION BOX CONNECTIONS OR CORD & PLUG RECEPTACLES) BEHIND COOKING EQUIPMENT OR BELOW EXHAUST HOOD ASSEMBLIES.
3. ALL SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTIONS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OF ALL ELECTRICAL BELOW AND IN EXHAUST HOODS INTERWIRED WITH FIRE SUPPRESSION AS REQUIRED BY N.F.P.A. STANDARDS.
4. ALL RECEPTACLES, CORD & PLUG ASSEMBLIES TO BE NEMA-SIZED, UL-APPROVED, AND RATED FOR THE SERVICE INDICATED ON THESE PLANS. PROVIDE GFCI RECEPTACLES AS REQUIRED BY THE NEC AND LOCAL CODES. ENSURE THAT GFCI RECEPTACLES AND NOT BREAKERS-ONLY ARE ALLOWED FOR APPLICABLE FOODSERVICE EQUIPMENT.
5. AT ALL WALK-IN COOLER/FREEZER LOCATIONS SHOWN ON THIS PLAN:
   A. ALL VAPOR-PROOF LIGHT FIXTURES, AS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
   B. ALL DISCONNECTS AND SWITCHES AT BLOWER COILS.
   C. ALL VAPOR-PROOF DUPLEX CONVENIENCE RECEPTACLES AS INDICATED ON THIS PLAN.
   D. ALL INTERCONNECTIONS FOR ELECTRICAL COMPONENTS IN THE WALK-IN COOLER/FREEZER COMPARTMENTS.
   E. ALL INTERCONNECTIONS AND SWITCHES FOR FREEZER EVAPORATORS AND COMPRESSORS.
   F. VERIFY EXACT WIRE SIZES WITH MANUFACTURERS SPECIFICATIONS. KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE WIRING DIAGRAM FOR ALL WIRING REQUIRED FOR WALK-IN COOLER/FREEZER COMPARTMENTS.
6. ALL WIRING AND CONDUITS INTO WALK-IN COOLER/FREEZER COMPARTMENTS FOR THE FOLLOWING:
   A. EACH EVAPORATOR COIL
   B. EACH VAPOR-PROOF CEILING LIGHT
   C. EACH PERSONNEL ALARM SWITCH AND LIGHT
   D. EACH DOOR HEATER AND ANY FREEZER COIL DRAIN HEATERS REQUIRED
   E. EACH HIGH-TEMPERATURE WARNING ALARM SYSTEM ALL PENETRATIONS MUST BE MADE THROUGH THE CEILING INSULATION AND ARE REQUIRED TO BE VAPOR-TIGHT. ALL CONDUIT TO RUN ABOVE THE WALK-IN COMPARTMENTS. INSTALLATION OF CONDUIT LINE-RUNS INSIDE OF WALK-IN COMPARTMENTS IS PROHIBITED.
7. ALL WIRING TO AND INTERWIRING BETWEEN EXHAUST HOOD COMPONENTS. INCLUDING, BUT NOT LIMITED TO: CONTROL SYSTEMS AND WIRING, DAMPERS, SOLENOIDS, LIGHTS, VFDS, FIRE SUPPRESSION SYSTEMS, BUILDING MANAGEMENT SYSTEM, ETC. AS SHOWN ON MANUFACTURER'S DRAWINGS AND ON MECHANICAL ENGINEER'S DRAWINGS.
8. SWITCHES/CONTROLS FOR EXHAUST HOODS, EXHAUST FANS, SUPPLY FANS, MAKEUP FANS, AND HVAC COMPONENTS AS SPECIFIED BY THE MECHANICAL ENGINEER.
9. ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN.
10. FOR FLOOR PENETRATION ROUGH-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULITPLE CIRCUITS WHEREVER POSSIBLE.
11. FLOOR RECEPTACLES IN FRONT-OF-HOUSE, NON-KITCHEN AREAS, BUT UTILIZED BY SERVICE TEAM, SHOULD BE VAPOR-PROOF FLUSH TYPE, UNLESS OTHERWISE NOTED. NO FLUSH TYPE RECEPTACLES SHALL BE INSTALLED IN KITCHEN AREAS.
12. INTERCONNECT/INTERWIRE FOOD WASTE SYSTEM CONTROL PANEL WITH FOOD WASTE SYSTEM COMPONENTS AS SHOWN ON MANUFACTURER'S DRAWINGS.
13. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED WITH A BUILT-IN CIRCUIT BREAKER MINI-PANEL/LOAD CENTER- SIZED AS SPECIFIED BY THE ELECTRICAL ENGINEER. PER THE INDIVIDUAL EQUIPMENT REQUIREMENTS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
14. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
15. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE GENERAL CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
16. CEILING-MOUNTED RETRACTABLE DROP CORD ASSEMBLY IN LOCATIONS SHOWN ON PLANS AND ELEVATIONS. RETRACTED CORD HEIGHT TO BE 8'-6" (2M) ABOVE FINISHED FLOOR. OVERALL CORD LENGTH NOT TO EXCEED FINISHED FLOOR TO FINISHED CEILING HEIGHT. E.C. TO PROVIDE CONCEALED UNI-STRUT REINFORCED SUPPORT TO STRUCTURE FOR DROP CORD OR RETRACTABLE CORD ASSEMBLY.

E-C. ADDITIONAL NOTES

Electrical Symbol Legend

- TAG INDICATING DEVICE INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PRE-WIRED BREAKER PANEL INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PB — PULL BOX INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- CONDUIT STUB with FINAL CONNECTIONS to EQUIPMENT
- JUNCTION BOX (JB) with FINAL CONNECTIONS to EQUIPMENT
- DUPLEX CONVENIENCE RECEPTACLE (DCR)
- DUPLEX RECEPTACLE (DR)
- POWER RECEPTACLE, 1 PHASE
- POWER RECEPTACLE, 3 PHASE
- DRC — DROP RECEPTACLE - CORD (DRC)
- DRR — DROP RECEPTACLE - REEL (DRR)
- FLOOR RECEPTACLE, FLUSH OR PEDESTAL MOUNTED
- VAPOR-PROOF LIGHT FIXTURE
- DATA
- SWITCH (SW)
- LOW TEMP. LED LIGHT FIXTURE
- PLUG MOULDING
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER TO INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARNOLD SAMUEL GOLDSTEIN — 032314 — STATE OF NEW YORK

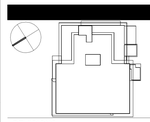
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

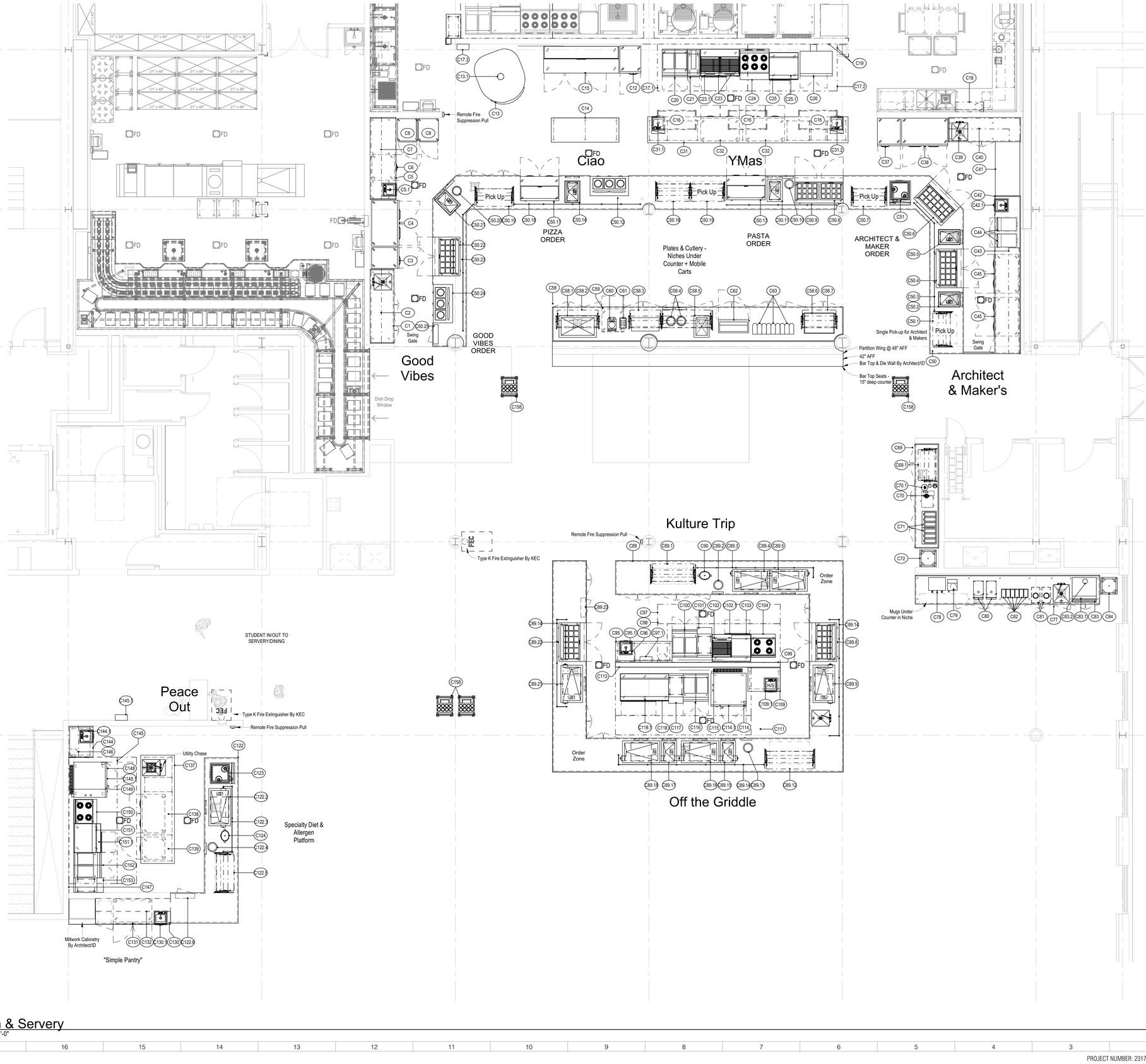
No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Electrical Plan (B)
SHEET NUMBER: QF401-5

BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Kitchen & Servery
SCALE: 1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO CARLO QUIMPO — 032313 — STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME: Foodservice Equipment Plan (C)
SHEET NUMBER: QF402-1

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Equipment Schedule - (C)

Item Number	Qty	Description	Remarks
C1	1	Work Counter W/ Sink	
C2	1	Wall Shelf, Double With Concealed Brackets	
C3	1	Freezer, Reach-In	
C4	1	Refrigerator, Reach-In	
C5	1	Work Counter	
C5.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C6	1	Refrigerator, Undercounter	
C7	1	Wall Shelf, Double With Concealed Brackets	
C8	2	Heated Holding Cabinet	
C9	1	Spare Number	
C10	1	Spare Number	
C11	1	Spare Number	
C12	1	Freezer, Reach-In	
C13	1	Hearth Oven	
C13.1	1	Direct Vent And Fan	
C14	1	Work Table, Island	
C15	1	Pizza Prep Table	
C16	3	Make-Up Air Diffuser	
C17.1	1	Exhaust Hood	
C17.2	1	Exhaust Hood	
C17.3	1	Hood Control Panel	
C18	1	Fire Suppression System, Wall Mounted	
C19	1	Wall Flashing	
C20	1	Fryer Battery With Filter	
C21	1	Dump Station With Heat Lamp	
C22	1	Spare Number	
C23	2	Countertop Char Broiler	
C23.1	1	Refrigerated Base	
C24	1	4-Burner Induction Range W/ Convection Oven, Electric	
C25	1	36" Griddle, Electric	
C25.1	1	Refrigerated Base	
C26	1	Double-Deck Convection Oven	
C27	1	Spare Number	
C28	1	Spare Number	
C29	1	Spare Number	
C30	1	Spare Number	
C31	1	Work Table	
C31.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C31.2	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C32	2	Refrigerator, Undercounter With Drawers	
C33	1	Spare Number	
C34	1	Spare Number	
C35	1	Spare Number	
C36	1	Spare Number	
C37	1	Freezer, Reach-In	
C38	1	Refrigerator, Reach-In	
C39	1	Work Counter W/ Sink	
C40	1	Wall Shelf, Double With Concealed Brackets	
C41	1	Hydrophonic Case	
C42	1	Work Counter	
C42.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C43	1	Wall Shelf, Double With Concealed Brackets	
C44	2	Microwave/Convection Oven, Countertop	
C45	2	Refrigerator, Undercounter	
C46	1	Spare Number	
C47	1	Spare Number	
C48	1	Spare Number	
C49	1	Spare Number	
C50	1	Serving Counter	
C50.1	1	Food Shield With Heat And Light	
C50.2	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C50.3	3	Food Shield, Vertical	
C50.4	1	Refrigerated Prep Table	
C50.5	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C50.6	1	Refrigerated Prep Table	
C50.7	1	Food Shield With Heat And Light	
C50.8	1	Refrigerated Prep Table	
C50.9	4	Food Shield, Vertical	
C50.10	1	Soup Well, Drop-In	W/ Auto Fill
C50.11	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C50.12	1	Induction Range	W/ Down Draft System
C50.13	1	Refrigerated Prep Table	
C50.14	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C50.15	1	Food Shield With Heat And Light	
C50.16	1	Food Shield With Heat And Light	
C50.17	1	Refrigerated Prep Table	
C50.18	5	Food Shield, Vertical	
C50.19	1	Food Shield With Heat And Light	
C50.20	1	Soup Well, Drop-In	W/ Auto Fill
C50.21	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C50.22	1	Refrigerated Prep Table	
C50.23	1	Food Shield, Vertical	

Foodservice Equipment Schedule - (C)

Item Number	Qty	Description	Remarks
C50.24	1	Induction Range	W/ Down Draft System
C50.25	1	Load Center	
C51	1	Carving Station	
C52	1	Spare Number	
C53	1	Spare Number	
C54	1	Spare Number	
C55	1	Spare Number	
C56	1	Spare Number	
C57	1	Spare Number	
C58	1	Dessert Counter	
C58.1	1	Cold Pan	
C58.2	1	Food Shield With Light	
C58.3	1	Food Shield With Light	
C58.4	2	Soup Well, Drop-In	
C58.5	1	Cold Pan	
C58.6	1	Cold Plate, Drop-In	
C58.7	1	Food Shield With Light	
C59	1	Refrigerator, Undercounter With Drawers	
C60	1	Waffle Maker	
C61	1	Toaster	
C62	1	Milk Dispenser	
C63	3	Cereal Dispenser	Groups of 3
C64	1	Spare Number	
C65	1	Spare Number	
C66	1	Spare Number	
C67	1	Spare Number	
C68	1	Spare Number	
C69	1	Beverage Counter	
C69.1	1	Food Shield With Light	
C70	1	Water Dispenser	
C70.1	1	20lb CO2 Tank	By Purveyor
C70.2	1	Water Filtration System	Services C70, C78, & C79
C71	2	Juice Dispenser	
C72	1	Glass Rack Dolly	
C73	1	Spare Number	
C74	1	Spare Number	
C75	1	Spare Number	
C76	1	Spare Number	
C77	1	Beverage Counter W/ Sink	
C78	1	Coffee Brewer	
C79	1	Coffee Brewer	
C80	2	Milk Dispenser	
C81	2	Trash Receptacle, 23 Gallon	By Owner/Operator
C82	6	Condiment Bin	By Owner/Operator
C83	1	Soda/Ice Dispenser	By Purveyor
C83.1	1	Ice Machine	
C83.2	1	Soda System Conduit Exit	By EC, From B2.2
C83.3	1	Water Filtration System	Services C83.1
C84	1	Glass Rack Dolly	
C85	1	Spare Number	
C86	1	Spare Number	
C87	1	Spare Number	
C88	1	Spare Number	
C89	1	Serving Counter	
C89.1	1	Food Shield With Heat And Light	
C89.2	1	Soup Well, Drop-In	W/ Auto Fill
C89.3	1	Food Shield, Vertical	
C89.4	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.5	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.6	1	Spare Number	
C89.7	1	Spare Number	
C89.8	1	Refrigerated Prep Table	
C89.9	1	Hot/Cold Pan, Drop-In	
C89.10	1	Spare Number	
C89.11	1	Spare Number	
C89.12	1	Food Shield With Heat And Light	
C89.13	1	Soup Well, Drop-In	W/ Auto Fill
C89.14	10	Food Shield, Vertical	
C89.15	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.16	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.17	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.18	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C89.19	1	Spare Number	
C89.20	1	Spare Number	
C89.21	1	Hot/Cold Pan, Drop-In	
C89.22	1	Refrigerated Prep Table	
C89.23	1	Load Center	
C90	1	Rice Cooker	
C91	1	Spare Number	
C92	1	Spare Number	
C93	1	Spare Number	
C94	1	Spare Number	

Foodservice Equipment Schedule - (C)

Item Number	Qty	Description	Remarks
C95	1	Work Counter	
C95.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C96	1	Wall Shelf, Double With Concealed Brackets	
C97	1	Exhaust Hood With MUA	
C97.1	1	Hood Control Panel	
C98	1	Fire Suppression System	
C99	1	Wall Flashing	
C100	1	Fryer Battery With Filter	
C101	1	Spreader	
C102	1	Countertop Char Broiler	
C102.1	1	Refrigerated Base	
C103	1	24" Griddle, Electric	
C104	1	4-Burner Induction Range W/ Convection Oven, Electric	
C105	1	Spare Number	
C106	1	Spare Number	
C107	1	Spare Number	
C108	1	Spare Number	
C109	1	Work Counter	
C109.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C110	1	Spare Number	
C111	1	Exhaust Hood With MUA	
C112	1	Spare Number	
C113	1	Wall Flashing	
C114	1	Combi Oven	Top Oven
C114.1	1	Combi Oven	Bottom Oven
C114.2	1	Water Filtration System	Services C114 & C114.1
C115	1	Trench Drain	
C116	1	Fryer Battery With Filter	
C117	1	Spreader	
C118	1	60" Griddle, Electric	
C118.1	1	Refrigerated Base	
C119	1	Spare Number	
C120	1	Spare Number	
C121	1	Spare Number	
C122	1	Serving Counter	
C122.2	1	Hot/Cold Pan, Drop-In	W/ Auto Fill
C122.3	1	Food Shield, Vertical	
C122.4	1	Soup Well, Drop-In	W/ Auto Fill
C122.5	1	Food Shield With Heat And Light	
C122.6	1	Load Center	
C123	1	Carving Station	
C124	1	Rice Cooker	
C125	1	Spare Number	
C126	1	Spare Number	
C127	1	Spare Number	
C128	1	Spare Number	
C129	1	Spare Number	
C130	1	Work Counter	
C130.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C131	1	Refrigerator, Undercounter, Glass Door	
C132	1	Lockable Cabinetry	By Architect/ID
C133	1	Spare Number	
C134	1	Spare Number	
C135	1	Spare Number	
C136	1	Spare Number	
C137	1	Chefs Table W/ Sink	
C138	1	Refrigerator, Undercounter With Drawers	
C139	1	Freezer, Undercounter	
C140	1	Spare Number	
C141	1	Spare Number	
C142	1	Spare Number	
C143	1	Spare Number	
C144	1	Work Table	
C144.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser
C145	1	Exhaust Hood With MUA	
C145.1	1	Hood Control Panel	
C146	1	Fire Suppression System, Wall Mounted	
C147	1	Wall Flashing	
C148	1	Combi Oven	Top Oven
C148.1	1	Combi Oven	Bottom Oven
C148.2	1	Water Filtration System	Services C148 & C148.1
C149	1	Trench Drain	
C150	1	4-Burner Induction Range W/ Convection Oven, Electric	
C151	1	36" Griddle, Electric	
C151.1	1	Refrigerated Base	
C152	1	Fryer Battery With Filter	
C153	1	Spreader	
C154	1	Spare Number	
C155	1	Spare Number	
C156	1	Spare Number	
C157	1	Spare Number	
C158	4	Tray And Silverware Dispenser	

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SANTIAGO QUIMBAYO 022313 STATE OF NEW YORK

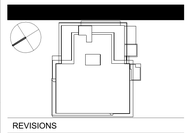
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

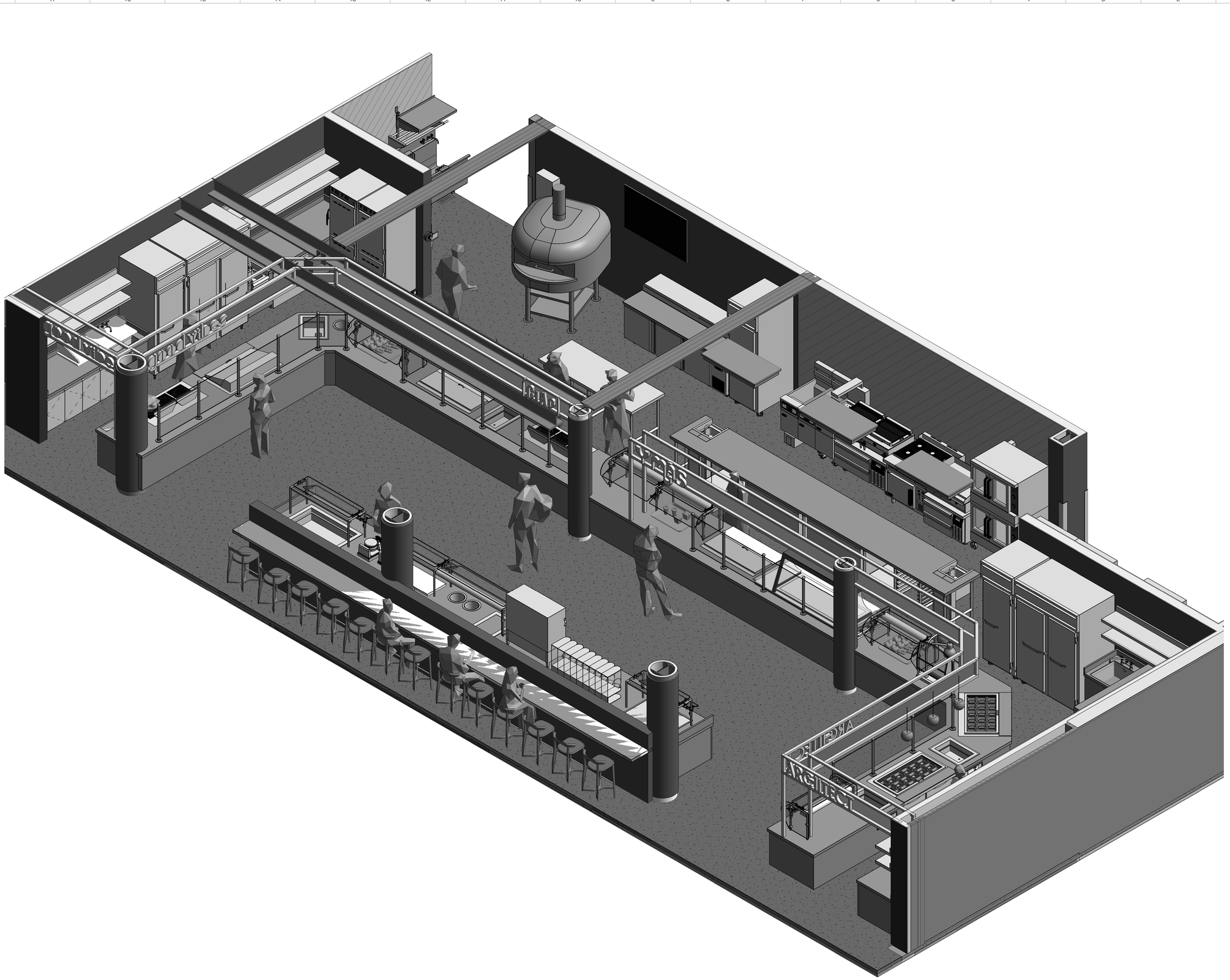
SCALE:

SHEET NAME:
Foodservice Equipment Schedule (C)

SHEET NUMBER:
QF402-1A

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 3D - Servery (C)
SCALE:

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO CABEZAS, JR. NUMBER 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

SHEET NAME:
Foodservice 3D Views (C)

SHEET NUMBER:
QF402-1B

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (C)

				Electrical								Plumbing														Ventilation																	
																										Exhaust Collar Size					Supply Collar Size													
Item Number	QTY	Description	Remarks	Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Width	Depth	DIA	Exhaust Volume	Exhaust Static Pressure	Width	Depth	Supply Volume	Supply Static Pressure	Ventilation Remarks	OFOI	OFCI	CFCI	Item Number
C1	1	Work Counter W/ Sink			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit	1/2"	18"	1/2"	25	18"			1 1/2"						IW To Floor Sink											No	Yes	No	C1
C2	1	Wall Shelf, Double With Concealed Brackets																																	No	Yes	No	C2
C3	1	Freezer, Reach-In			115	1	7.6	0.87	60	PLUG	84"																									Yes	No	No	C3
C4	1	Refrigerator, Reach-In			115	1	8.1	0.93	60	PLUG	84"																									Yes	No	No	C4
C5	1	Work Counter			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit																									No	Yes	No	C5
C5.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C5.1
C6	1	Refrigerator, Undercounter			115	1	2.5	0.28	60	PLUG	24"																									Yes	No	No	C6
C7	1	Wall Shelf, Double With Concealed Brackets																																	No	Yes	No	C7
C8	2	Heated Holding Cabinet			120	1	7	0.84	60	PLUG	24"																									Yes	No	No	C8
C9	1	Spare Number																																	No	No	No	C9
C10	1	Spare Number																																	No	No	No	C10
C11	1	Spare Number																																	No	No	No	C11
C12	1	Freezer, Reach-In			115	1	7.6	0.87	60	PLUG	84"																									Yes	No	No	C12
C13	1	Hearth Oven			208	3	50.5	18.13	60	DIRECT	24"																			8"	150					No	Yes	No	C13
C13.1	1	Direct Vent And Fan			120	1	15	1.8	60	DIRECT		On Building Roof. EC To Wire To Oven																									No	No	Yes	C13.1
C14	1	Work Table, Island																																	No	No	No	C14
C15	1	Pizza Prep Table			115	1	7.7	0.89	60	PLUG	24"																									Yes	No	No	C15
C16	3	Make-Up Air Diffuser																															922	0.23					C16
C17.1	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood															13"	12"		1941	0.43				Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	C17.1
C17.2	1	Exhaust Hood		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood															12"	11"		1515	0.29				Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	C17.2
C17.3	1	Hood Control Panel		■	120	1	12	1.44	60	DIRECT	66"																									No	No	Yes	C17.3
C18	1	Fire Suppression System, Wall Mounted			120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Fire Suppresion System																													C18
C19	1	Wall Flashing																																	No	Yes	No	C19
C20	1	Fryer Battery With Filter			480	3	27	22	60	DIRECT	24"																									No	Yes	No	C20
C21	1	Dump Station With Heat Lamp			115	1	6.3	0.72	60	PLUG	24"																									No	Yes	No	C21
C22	1	Spare Number																																				C22
C23	2	Countertop Char Broiler			208	3	22.4	4.66	60	DIRECT	24"																									No	Yes	No	C23
C23.1	1	Refrigerated Base			115	1	2.5	0.29	60	PLUG	24"																									Yes	No	No	C23.1
C24	1	4-Burner Induction Range W/ Convection Oven, Electric			208	3	69.2	21.6	60	DIRECT	24"																									No	Yes	No	C24
C25	1	36" Griddle, Electric			480	3	22	18	60	DIRECT	24"																									No	Yes	No	C25
C25.1	1	Refrigerated Base			115	1	2.5	0.29	60	PLUG	24"																									Yes	No	No	C25.1
C26	1	Double-Deck Convection Oven			480	3	30	25	60	DIRECT	24"																									No	Yes	No	C26
C27	1	Spare Number																																	No	No	No	C27
C28	1	Spare Number																																	No	No	No	C28
C29	1	Spare Number																																	No	No	No	C29
C30	1	Spare Number																																	No	No	No	C30
C31	1	Work Table			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Table																									No	Yes	No	C31
C31.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C31.1
C31.2	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C31.2
C32	2	Refrigerator, Undercounter With Drawers			115	1	2.5	0.28	60	PLUG	24"	Receptacle In Table																									Yes	No	No	C32
C33	1	Spare Number																																	No	No	No	C33
C34	1	Spare Number																																	No	No	No	C34
C35	1	Spare Number																																	No	No	No	C35
C36	1	Spare Number																																	No	No	No	C36
C37	1	Freezer, Reach-In			115	1	7.6	0.87	60	PLUG	84"																									Yes	No	No	C37
C38	1	Refrigerator, Reach-In			115	1	8.1	0.93	60	PLUG	84"																									Yes	No	No	C38
C39	1	Work Counter W/ Sink			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit	1/2"	18"	1/2"	25	18"			1 1/2"						IW To Floor Sink											No	Yes	No	C39
C40	1	Wall Shelf, Double With Concealed Brackets																																	No	No	No	C40
C41	1	Hydrophonic Case			120	1	15	1.8	60	PLUG	24"	DATA	1/4"	18"																							Yes	No	No	C41
C42	1	Work Counter			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit																									No	Yes	No	C42
C42.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C42.1
C43	1	Wall Shelf, Double With Concealed Brackets																																	No	Yes	No	C43
C44	2	Microwave/Convection Oven, Countertop			208	1	20	3.6	60	PLUG	48"																									Yes	No	No	C44
C45	2	Refrigerator, Undercounter			115	1	2.5	0.28	60	PLUG	24"																									Yes	No	No	C45
C46	1	Spare Number																																	No	No	No	C46
C47	1	Spare Number																																	No	No	No	C47
C48	1	Spare Number																																	No	No	No	C48
C49	1	Spare Number																																	No	No	No	C49
C50	1	Serving Counter			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Table, Power Supplied From Load Center Item #C50.25																									No	Yes	No	C50
C50.1	1	Food Shield With Heat And Light			120	1	8.1	0.98	60	DIRECT	24"	Power Supplied From Load Center Item #C50.25																									No	Yes	No	C50.1
C50.2	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	9	1.87	60	DIRECT	24"	Power Supplied From Load Center Item #C50.25	1/4"	18"						1"						IW To Floor Sink											No	Yes	No	C50.2
C50.3	3	Food Shield, Vertical																																	No	Yes	No	C50.3
C50.4	1	Refrigerated Prep Table			115	1	4.8	0.55	60	PLUG	24"	Power Supplied From Load Center Item #C50.25																									Yes	No	No	C50.4
C50.5	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	9	1.87	60	DIRECT	24"	Power Supplied From Load Center Item #C50.25	1/4"	18"						1"						IW To Floor Sink											No	Yes	No	C50.5

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLDO GUARDIA-QUIROS 022313 STATE OF NEW YORK

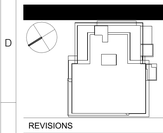
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

SHEET NAME:
Foodservice Utility Schedules (C)

SHEET NUMBER:
QF402-2A

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (C)

| Item Number | QTY | Description | Remarks | Electrical | | | | | | | | Plumbing | | | | | | | | | | | | | | Ventilation | | | | | | | | | | | | | |

Foodservice Utility Schedule - (C)

Item Number	QTY	Description	Remarks	Electrical								Plumbing													Ventilation									OFOI	OFCI	CFCI	Item Number
				Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Exhaust Collar Size			Exhaust Volume	Exhaust Static Pressure	Supply Collar Size		Supply Volume	Supply Static Pressure	Ventilation Remarks				
																										Width	Depth	DIA			Width	Depth						
C84	1	Glass Rack Dolly																																	No	No	No	C84
C85	1	Spare Number																																	No	No	No	C85
C86	1	Spare Number																																	No	No	No	C86
C87	1	Spare Number																																	No	No	No	C87
C88	1	Spare Number																																	No	No	No	C88
C89	1	Serving Counter			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Counter, Power Supplied From Load Center Item #C89.23	1/2"	18"	1/2"	25	18"			1 1/2"							IW To Floor Sink									No	Yes	No	C89
C89.1	1	Food Shield With Heat And Light			120	1	8.1	0.98	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23																									No	Yes	No	C89.1
C89.2	1	Soup Well, Drop-In	W/ Auto Fill		208	1	3.4	0.72	60	PLUG	24"	Power Supplied From Load Center Item #C89.23	1/2"	18"						1/2"							IW to Floor Sink									No	Yes	No	C89.2
C89.3	1	Food Shield, Vertical																																	No	Yes	No	C89.3
C89.4	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.4
C89.5	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.5
C89.6	1	Spare Number																																				C89.6
C89.7	1	Spare Number																																				C89.7
C89.8	1	Refrigerated Prep Table			115	1	4.8	0.55	60	PLUG	24"	Power Supplied From Load Center Item #C89.23																												C89.8
C89.9	1	Hot/Cold Pan, Drop-In			208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink												C89.9
C89.10	1	Spare Number																																	No	No	No	C89.10
C89.11	1	Spare Number																																	No	No	No	C89.11
C89.12	1	Food Shield With Heat And Light			120	1	8.1	0.98	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23																									No	Yes	No	C89.12
C89.13	1	Soup Well, Drop-In	W/ Auto Fill		120	1	3.4	0.41	60	PLUG	24"	Power Supplied From Load Center Item #C89.23	1/2"	18"						1/2"							IW to Floor Sink									No	Yes	No	C89.13
C89.14	10	Food Shield, Vertical																																	No	<varies>	No	C89.14
C89.15	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	9	1.87	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.15
C89.16	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.16
C89.17	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	9	1.87	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.17
C89.18	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink									No	Yes	No	C89.18
C89.19	1	Spare Number																																	No	No	No	C89.19
C89.20	1	Spare Number																																	No	No	No	C89.20
C89.21	1	Hot/Cold Pan, Drop-In			208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C89.23	1/4"	18"						1"							IW To Floor Sink												C89.21
C89.22	1	Refrigerated Prep Table			115	1	4.8	0.55	60	PLUG	24"	Power Supplied From Load Center Item #C89.23																												C89.22
C89.23	1	Load Center										Stub Up, BTC- Load Center In Equipment By KEC, 4-Wire 120/208V - 60 Hertz - 3PH Service Required. Refer To Electrical Notes E-B.13 & EC Drawing Package																												C89.23
C90	1	Rice Cooker			120	1	13	1.56	60	PLUG	48"	Power Supplied From Load Center Item #C89.23																									Yes	No	No	C90
C91	1	Spare Number																																	No	No	No	C91
C92	1	Spare Number																																	No	No	No	C92
C93	1	Spare Number																																	No	No	No	C93
C94	1	Spare Number																																	No	No	No	C94
C95	1	Work Counter			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit																									No	Yes	No	C95
C95.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C95.1
C96	1	Wall Shelf, Double With Concealed Brackets																																	No	Yes	No	C96
C97	1	Exhaust Hood With MUA		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																	18"	12"		1683	0.41	24"	12"	2147	0.09	Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	C97
C97.1	1	Hood Control Panel		■	120	1	12	1.44	60	DIRECT	66"																												C97.1
C98	1	Fire Suppression System			120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Fire Suppresion System																									No	No	Yes	C98
C99	1	Wall Flashing																																	No	Yes	No	C99
C100	1	Fryer Battery With Filter			480	3	27	22	60	DIRECT	24"	Two (2) 480V Connections Plus, One (1) 120V 6.8A Plug																									No	Yes	No	C100
C101	1	Spreader																																	Yes	No	No	C101
C102	1	Countertop Char Broiler			208	3	22.4	4.66	60	DIRECT	24"																									No	Yes	No	C102
C102.1	1	Refrigerated Base			115	1	2.5	0.29	60	PLUG	24"																									Yes	No	No	C102.1
C103	1	24" Griddle, Electric			480	3	22	18.27	60	PLUG	24"																									No	Yes	No	C103
C104	1	4-Burner Induction Range W/ Convection Oven, Electric			208	3	69.2	21.6	60	DIRECT	24"																									No	Yes	No	C104
C105	1	Spare Number																																	No	No	No	C105
C106	1	Spare Number																																	No	No	No	C106
C107	1	Spare Number																																	No	No	No	C107
C108	1	Spare Number																																	No	No	No	C108
C109	1	Work Counter																																	No	Yes	No	C109
C109.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																	No	No	Yes	C109.1
C110	1	Spare Number																																				C110
C111	1	Exhaust Hood With MUA		■	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																	10"	10"		1931	0.2	12"	10"	1545	0.05	Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	C111
C112	1	Spare Number																																				C112
C113	1	Wall Flashing																																	No	Yes	No	C113
C114	1	Combi Oven	Top Oven		480	3	22.4	18.6	60	DIRECT	48"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink									No	Yes	No	C114
C114.1	1	Combi Oven	Bottom Oven		480	3	39.7	32.97	60	DIRECT	24"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink									No	Yes	No	C114.1
C114.2	1	Water Filtration System	Services C114 & C114.1										3/4"	66"													PC To Inter-Connect Water Filter To Equipment In Walls									No	Yes	No	C114.2
C115	1	Trench Drain																2"	-4"								Waste In Depression									No	No	Yes	C115

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL GIORDANO 032313 STATE OF NEW YORK

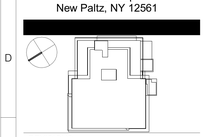
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Utility Schedules (C)
SHEET NUMBER: QF402-2C

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (C)

Item Number	QTY	Description	Remarks	Electrical								Plumbing														Ventilation																Item Number
				Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Exhaust Collar Size			Exhaust Volume	Exhaust Static Pressure	Supply Collar Size		Supply Volume	Supply Static Pressure	Ventilation Remarks	OFOI	OFCI	CFCI	
																											Width	Depth	DIA			Width	Depth						
C116	1	Fryer Battery With Filter			480	3	27	22	60	DIRECT	24"	Two (2) 480V Connections Plus, One (1) 120V 6.8A Plug																											No	Yes	No	C116
C117	1	Spreader																																					Yes	No	No	C117
C118	1	60" Griddle, Electric			480	3	22	18	60	DIRECT	24"	Requires Two (2) Electrical Connections, One (1) 22 AMP And One (1) 22 AMP																											No	Yes	No	C118
C118.1	1	Refrigerated Base			115	1	4.2	0.48	60	PLUG	24"																													Yes	No	No	C118.1
C119	1	Spare Number																																					No	No	No	C119
C120	1	Spare Number																																					No	No	No	C120
C121	1	Spare Number																																					No	No	No	C121
C122	1	Serving Counter			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Counter, Power Supplied From Load Center Item #C122.6																															No	Yes	No	C122
C122.2	1	Hot/Cold Pan, Drop-In	W/ Auto Fill		208	1	13.4	3	60	DIRECT	24"	Power Supplied From Load Center Item #C122.6	1/4"	18"						1"							IW To Floor Sink													No	Yes	No	C122.2
C122.3	1	Food Shield, Vertical																																					No	Yes	No	C122.3
C122.4	1	Soup Well, Drop-In	W/ Auto Fill		120	1	3.4	0.41	60	PLUG	24"	Power Supplied From Load Center Item #C122.6	1/2"	18"						1/2"							IW to Floor Sink													No	Yes	No	C122.4
C122.5	1	Food Shield With Heat And Light			120	1	8.1	0.98	60	DIRECT	24"	Power Supplied From Load Center Item #C122.6																											No	Yes	No	C122.5
C122.6	1	Load Center										Stub Up, BTC- Load Center In Equipment By KEC, 4-Wire 120/208V - 60 Hertz - 3PH Service Required. Refer To Electrical Notes E-B.13 & EC Drawing Package																														C122.6
C123	1	Carving Station			120	1	6.3	0.75	60	PLUG	24"	Power Supplied From Load Center Item #C122.6																											Yes	No	No	C123
C124	1	Rice Cooker			120	1	13	1.56	60	PLUG	24"	Power Supplied From Load Center Item #C122.6																											Yes	No	No	C124
C125	1	Spare Number																																					No	No	No	C125
C126	1	Spare Number																																					No	No	No	C126
C127	1	Spare Number																																					No	No	No	C127
C128	1	Spare Number																																					No	No	No	C128
C129	1	Spare Number																																								C129
C130	1	Work Counter			120	1	16	1.92	60	PLUG	48"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit																											No	Yes	No	C130
C130.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																					No	No	Yes	C130.1
C131	1	Refrigerator, Undercounter, Glass Door			115	1	2.5	0.28	60	PLUG	24"	Power Supplied From Load Center Item #C122.6																											Yes	No	No	C131
C132	1	Lockable Cabinetry	By Architect/ID																																				Yes	No	No	C132
C133	1	Spare Number																																					No	No	No	C133
C134	1	Spare Number																																					No	No	No	C134
C135	1	Spare Number																																					No	No	No	C135
C136	1	Spare Number																																					No	No	No	C136
C137	1	Chefs Table W/ Sink			120	1	16	1.92	60	PLUG	36"	GFCI Convenience Receptacles - Rating Assumes 20.0 Amp Circuit, Mounted To Underside Of Table	1/2"	18"	1/2"	25	18"			1 1/2"							IW To Floor Sink													No	Yes	No	C137
C138	1	Refrigerator, Undercounter With Drawers			115	1	2.5	0.28	60	PLUG	24"																													Yes	No	No	C138
C139	1	Freezer, Undercounter			115	1	4.8	0.55	60	PLUG	24"																													Yes	No	No	C139
C140	1	Spare Number																																					No	No	No	C140
C141	1	Spare Number																																					No	No	No	C141
C142	1	Spare Number																																					No	No	No	C142
C143	1	Spare Number																																					No	No	No	C143
C144	1	Work Table																																					No	Yes	No	C144
C144.1	1	Hand Sink With Soap And Towel Dispenser, Drop-In	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																					No	No	Yes	C144.1
C145	1	Exhaust Hood With MUA		[redacted]	120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Exhaust Hood																									12"	10"		2275	0.27	12"	10"	1820	0.07	Connect At Collar, Refer To QF702 Series For Further Information On Exhaust Hood	No	No	Yes	C145
C145.1	1	Hood Control Panel		[redacted]	120	1	12	1.44	60	DIRECT	66"																													No	No	Yes	C145.1
C146	1	Fire Suppression System, Wall Mounted			120	1	16	1.92	60	DIRECT		DFA, Refer To QF702 Series For Further Information On Fire Suppresion System																													No	No	Yes	C146
C147	1	Wall Flashing																																					No	Yes	No	C147
C148	1	Combi Oven	Top Oven		480	3	22.4	18.6	60	DIRECT	48"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	C148
C148.1	1	Combi Oven	Bottom Oven		480	3	39.7	32.97	60	DIRECT	24"		3/4"	18"						1 1/2"							Requires Two (2) CW Connections; One (1) From Filter, One (1) From Wall, IW To Floor Sink													No	Yes	No	C148.1
C148.2	1	Water Filtration System	Services C148 & C148.1										3/4"	66"													PC To Inter-Connect Water Filter To Equipment In Walls													No	Yes	No	C148.2
C149	1	Trench Drain																2"	-4"								Waste In Depression													No	No	Yes	C149
C150	1	4-Burner Induction Range W/ Convection Oven, Electric			208	3	69.2	21.6	60	DIRECT	24"																													No	Yes	No	C150
C151	1	36" Griddle, Electric			480	3	22	18	60	DIRECT	24"																													No	Yes	No	C151
C151.1	1	Refrigerated Base			115	1	2.5	0.29	60	PLUG	24"																													Yes	No	No	C151.1
C152	1	Fryer Battery With Filter			480	3	27	22	60	DIRECT	24"	Two (2) 480V Connections Plus One (1) 120V 6.8A Plug																											No	Yes	No	C152
C153	1	Spreader																																					Yes	No	No	C153
C154	1	Spare Number																																					No	No	No	C154
C155	1	Spare Number																																					No	No	No	C155
C156	1	Spare Number																																					No	No	No	C156
C157	1	Spare Number																																					No	No	No	C157
C158	4	Tray And Silverware Dispenser																																					Yes	No	No	C158

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIANA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

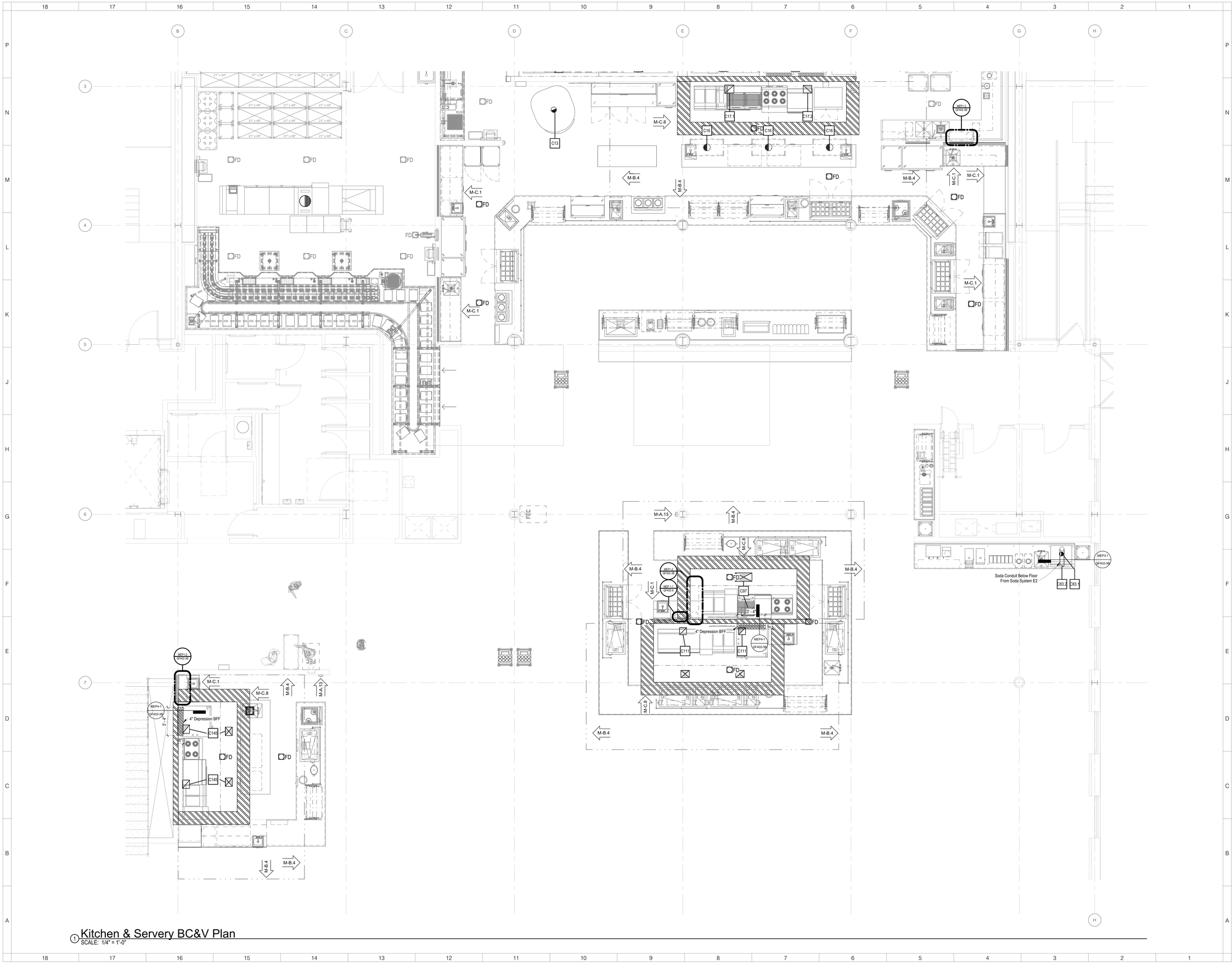
SCALE:

SHEET NAME:
Foodservice Utility Schedules (C)

SHEET NUMBER:
QF402-2D

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Kitchen & Servery BC&V Plan
SCALE: 1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMAND SAMUEL QUADRINI
022313
STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

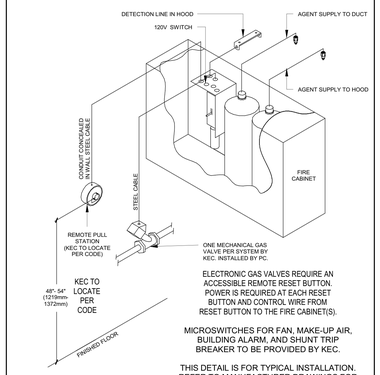
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME:
Foodservice Building Conditions & Ventilation Plan (C)
SHEET NUMBER:
QF402-3A

BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

PULL STATION TO BE RECESS-MOUNTED IN WALL. EC TO PROVIDE EMPTY CONDUIT AND OCTAGON J-BOX WITHIN WALL. PULL STATION LOCATION TO BE DETERMINED BY PREVAILING CODE



ELECTRONIC GAS VALVES REQUIRE AN ACCESSIBLE REMOTE RESET BUTTON. POWER IS REQUIRED AT EACH RESET BUTTON AND CONTROL WIRE FROM RESET BUTTON TO THE FIRE CABINET(S).

MICROSWITCHES FOR FAN, MAKE-UP AIR, BUILDING ALARM, AND SHUNT TRIP BREAKER TO BE PROVIDED BY KEC.

THIS DETAIL IS FOR TYPICAL INSTALLATION. REFER TO MANUFACTURER DRAWINGS FOR PROJECT-SPECIFIC ENGINEERED SYSTEM.

FIRE SUPPRESSION SYSTEM

ISOMETRIC VIEW *NOT TO SCALE*

RICCA DESIGN STUDIOS

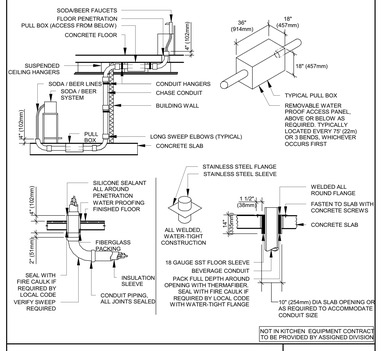
MEP1-2

MEP1-2_Fire Suspression System_24X36

SCALE: 8"=1'-0"

BEVERAGE CONDUIT/CHASEWAY NOTES

01. ALL CONDUIT TO BE 6"(152mm) (SODA) OR 8"(203mm) OD (BEER) MINIMUM- WATER PROOF, VERIFY SIZING WITH PURVEYOR OR BEER SYSTEM MANUFACTURER.
02. ALL BENDS TO BE "LONG SWEEP" - 24"(610mm) MINIMUM (CL) RADIUS FOR 6"(152mm); 32"(812mm) (CL) FOR 8"(203mm); No 45's.
03. UTILIZE THE MOST DIRECT PATH WITH THE FEWEST BENDS/ELBOWS AS POSSIBLE.
04. INSTALL PULL BOXES/ACCESS COVER OR PULL SLEEVES EVERY 75' (22m) OR THREE (3) BENDS WHICHEVER OCCURS FIRST; MAINTAIN ACCESS TO BOXES UNTIL BEVERAGE LINES ARE PULLED.
05. DEBUR ALL SHARP EDGES AND SAW CUTS ON INTERIOR OF CONDUIT.
06. STUB-UPS TO BE TERMINATED 4"(102mm) ABOVE FINISHED FLOOR.
07. CAP ENDS OF CONDUIT DURING CONSTRUCTION.
08. VERIFY FLOOR/CEILING STUB LOCATIONS WITH CONTRACTOR.
09. CONDUIT SHALL BE OF METAL CONSTRUCTION WHERE RUNNING IN AIR PLENUMS.
10. CONDUIT SHALL BE FILLED AFTER INSTALLATION WITH EXPANDABLE FOAM INSULATION AT ENDS AND SEALED TO A CLEANABLE CONDITION.



NOT IN KITCHEN EQUIPMENT CONTRACT TO BE PROVIDED BY ASSIGNED DIVISION

BEVERAGE CONDUIT DETAILS

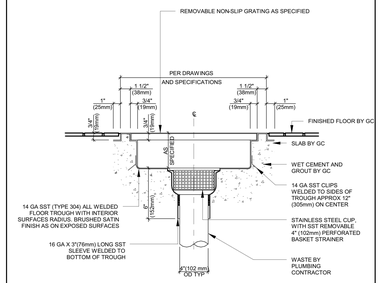
NOT TO SCALE- NOT ALL DETAILS WILL APPLY

RICCA DESIGN STUDIOS

MEP3-1

MEP3-1-Beverage Conduit Detail_24X36

SCALE: 8"=1'-0"



NOTE: FLOOR TROUGH AND GRATE BY KEC; INSTALLED BY GENERAL CONTRACTOR AND PLUMBING CONTRACTOR

KEC SHALL FIELD-LOCATE FLOOR TROUGH FOR KETTLES AND SKILLETS IN ALIGNMENT WITH MANUFACTURER'S POUR PATHWAY

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

FLOOR TROUGH DETAIL

SECTION VIEW *NOT TO SCALE*

MEP4-1

MEP4-1_Floor Trough And Grate Detail_24X36

SCALE: 8"=1'-0"

BUILDING CONDITIONS & VENTILATION NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

M-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER 'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL CONSTRUCTION AND MECHANICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING CURRENT INTERNATIONAL MECHANICAL CODE, AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW SPECIAL BUILDING AND VENTILATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. RECOMMEND TO PROVIDE MINIMUM LIVE LOADS OF 150 LBS. PER SQUARE FOOT (68KG PER.09 SQUARE METERS). PROVIDE REINFORCED SLAB FOR ANY FOODSERVICE EQUIPMENT THAT MAY EXCEED 150 LBS. PER SQUARE FOOT, SUCH AS A LARGE COMPRESSOR RACK, LARGE DISH MACHINE, LARGE OVENS, ETC.
9. RECOMMENDED MINIMUM FINISHED CEILING HEIGHTS IN KITCHEN AREAS AND FOR SPECIFIC FOODSERVICE EQUIPMENT ARE AS FOLLOWS:
   A. KITCHEN AREAS WITH EXHAUST HOODS 9'-0" (2.75M)
   B. WALK-IN COOLER/FREEZER AREAS 9'-0" (2.75M)
   C. GENERAL AREAS 9'-0" (2.75M)
   D. ICE MACHINE AREAS 10'-6" (3.2M)
10. ADEQUATE SPACE IS NEEDED ABOVE THE FINISHED CEILINGS FOR MECHANICAL AND ELECTRICAL WORK, ESPECIALLY ABOVE EXHAUST HOODS AND WALK-IN COOLER/FREEZERS. NOTIFY RICCA DESIGN STUDIOS IF HEIGHTS ARE LESS THAN RECOMMENDED MINIMUMS.
    A. WALK-IN COOLER/FREEZER CEILING PANELS REQUIRE ADDITIONAL 18" (457MM) CLEARANCE ABOVE FOR INSTALLATION
    B. ICE MACHINES REQUIRE 24" (609 MM) CLEARANCE ABOVE FOR INSTALLATION
11. ALL FLOOR SINKS AND FLOOR TROUGHS TO BE SET FLUSH WITH FINISHED FLOOR - UNLESS OTHERWISE DIRECTED BY LOCAL CODE. ALL FLOOR TROUGHS SERVING FOODSERVICE EQUIPMENT WITH LIQUID VOLUME IN TILTING OR IN VALVED DUMPING MANNER SHALL BE PLACED IN A LOCATION DIRECTLY RELATED TO MANUFACTURER'S REQUIRED POUR-PATH FOR EQUIPMENT TO BE SET IN PLACE. KITCHEN EQUIPMENT CONTRACTOR AND GENERAL CONTRACTOR TO FIELD-VERIFY LOCATION IN RELATION TO REQUIRED POUR PATH, AND IN HEIGHT PER PITCH-TO-DRAIN REQUIRED.
12. THE MOUNTED HEIGHT FOR THE BOTTOM EDGE OF EXHAUST HOODS TO BE SET AT 6'-8" MINIMUM (2032MM) ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THE BOTTOM EDGE OF EXHAUST HOODS SHALL BE NO HIGHER THAN 7'-0" (2134MM) ABOVE FINISHED FLOOR.
13. MANUAL-PULL EXHAUST HOOD FIRE EVENT PULL STATION AND CONDUIT TO BE MOUNTED WITHIN WALL CAVITY AND SET TO 48" ABOVE FINISHED FLOOR (1220MM) AT CENTER. CONDUIT TO TERMINATE PER MANUFACTURER'S DRAWINGS. KITCHEN EQUIPMENT CONTRACTOR AND MECHANICAL CONTRACTOR TO VERIFY LOCATION WITH APPLICABLE FIRE CODE OFFICIALS PRIOR TO INSTALLATION.
14. GENERAL CONTRACTOR TO CONFIRM FOLLOWING IS COMPLETED PRIOR TO THE FOODSERVICE EQUIPMENT DELIVERY AND SET-IN-PLACE:
    A. THE WALLS AND CEILINGS ARE INSTALLED AND FINISHED. WALLS AND CEILINGS MUST BE SMOOTH, EASILY CLEANABLE, NON-ABSORBENT, DURABLE, WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS.
    B. THE FLOORING IS INSTALLED AND WASHED CLEAN. FLOORS MUST BE NON-SLIP, EASILY CLEANABLE, NON-POROUS, NON-ABSORBENT, AND DURABLE WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS. ALL VERTICAL INTERSECTIONS OF FLOORS-TO-WALLS SHALL HAVE COVED BASES INSTALLED.
    C. CONFIRM IF A LOADING DOCK IS AVAILABLE.
    D. COORDINATION WITH APPLICABLE TRADESPEOPLE FOR ANY DOOR/WINDOW OPENINGS AND/OR PASSAGEWAYS REQUIRED FOR THE DELIVERY OF FOODSERVICE EQUIPMENT.

M-B. MECHANICAL NOTES

MECHANICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING APPLICABLE EQUIPMENT AND PROVIDING THE FOLLOWING CONDITIONS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT PER BELOW INSTRUCTIONS.

1. ALL COOKING EXHAUST HOOD ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE I; ALL WARE WASHING ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE II AS REQUIRED PER N.F.P.A. -96.
2. EXHAUST HOOD DUCT TRANSITIONS TO HOODS, FANS, MAKE-UP AIR UNITS, POLLUTION CONTROL UNITS, FIRE-RATED MATERIALS, COMPONENTS, ETC. MAKE ALL FINAL CONNECTIONS ON ALL HOODS.
3. BALANCED TEMPERED SUPPLY AIR AND EXHAUST AIR IN KITCHEN AREAS TO CONTAIN COOKING ODORS AND EFFLUENT AND PROVIDE A COMFORTABLE WORKING ENVIRONMENT. THESE ZONES SHALL BE DESIGNED FOR SLIGHTLY NEGATIVE PRESSURE PER CODE.
4. INDEPENDENT OF EXHAUST HOOD MAKE-UP AIR PLENUM DIFFUSERS AT A LOCATION MINIMUM 8'-0" (2.4M) (CASTING NO GREATER THAN 150 FPM VELOCITY) TO 15'-0' (4.6M) (CASTING NO GREATER THAN 300 FPM VELOCITY) AWAY FROM THE EXHAUST HOOD IN PLAN. 4-WAY CEILING DIFFUSERS SHALL NOT BE UTILIZED IN ANY COOKING ZONE WITHIN KITCHENS.
5. ALL EXHAUST DUCTWORK SEAMS AND JOINTS MUST BE FULLY-WELDED AND WATER/GREASE-TIGHT. ALL DUCTWORK MUST BE PITCHED PER CODES. ALUMINUM EXHAUST DUCTWORK SHALL NOT BE USED AS DUCTING MATERIAL.
6. ALL FIRE-RATED MATERIALS FOR EXHAUST HOODS, VENT DUCTS, VENT STACKS, AND HEAT-PRODUCING FOODSERVICE EQUIPMENT.
7. SWITCHES, CONTROLS FOR SUPPLY FANS AND EXHAUST FANS, DEMAND CONTROL VENTILATION SYSTEMS, AND HVAC COMPONENTS.
8. AUTOMATIC ACTIVATION OF THE EXHAUST HOOD(S) WHENEVER COOKING OCCURS PER CURRENT INTERNATIONAL MECHANICAL CODE IS THE RESPONSIBILITY OF THE MECHANICAL ENGINEER OF RECORD. VERIFY SPECIFIC REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
9. ENSURE THAT ENTIRE KITCHEN EXHAUST SYSTEM FROM EXHAUST HOOD CANOPY TO FAN IS ASHRAE 90.1 SECTION 5,6,7-COMPLIANT PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN AND WHERE APPLICABLE. WHERE DEMAND CONTROL VENTILATION IS PLANNED, MECHANICAL ENGINEER TO VERIFY THAT VOLUME DAMPERS AND PEAK-DEMAND LIMITERS IN SIZE AND IN LOCATION ARE PLANNED AND CONTROLLED TO PROVIDE A FULLY-FUNCTIONAL SYSTEM AT TIME OF COMMISSIONING AND TURN-OVER.
10. ADDITIONAL AIR CHANGES/HEAT REMOVAL FOR AIR-COOLED AND FOR WATER-COOLED CONDENSING UNITS AND ICE MACHINES SHALL BE SUPPLIED PER MANUFACTURER'S RECOMMENDATIONS.
11. AT LEAST 1.5 TIMES ADDITIONAL VS STANDARD ROOM AIR CHANGES SHALL BE PLANNED WITHIN WARE WASHING ROOMS/ZONES.
12. WHERE DIRECT EXHAUST VENTING IS PERMITTED, PROVIDE A DOUBLE-WALLED GAS CHIMNEY TO THE ATMOSPHERE AS ALLOWED/REQUIRED BY LOCAL CODE. ANY FLUE OF EXCESSIVE LENGTH WITH BENDS OR OTHER RESTRICTIONS SHALL BE PROVIDED WITH A BOOSTER EXHAUST FAN INTERWIRED TO OPERATE WITH THE EQUIPMENT SERVED. BOOSTER FAN SHALL PROVIDE 0" S.P. AT CONNECTION TO EQUIPMENT.

M-C. GENERAL CONTRACTOR NOTES

THE ARCHITECT IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING.

1. THE IN-WALL REINFORCING OR WALL BACKING FOR ALL WALL-MOUNTED AND RECESSED FOODSERVICE EQUIPMENT AND CONTROL PANELS.
2. TROUGH DIMENSIONS AND LOCATIONS ON THIS PLAN ARE FOR USE IN SLAB BLOCK-OUT PLANNING IF REQUIRED BY CONSTRUCTION SCHEDULE. FINAL SIZE AND LOCATION TO BE PROVIDED BY KEC WITHIN ISSUED SUBMITTALS.
3. REFER TO MANUFACTURER'S DRAWINGS SHEET SERIES FOR NECESSARY FLOOR CONDITIONS - INCLUDING DEPTHS, FLOOR CONSTRUCTION, AND FINISHES. ALL SUB-SLAB, SLAB, OR DEPRESSIONS SHALL BE PROVIDED WITH A SMOOTH AND TRANSIT-LEVEL FINISH. ONCE EQUIPMENT IS SET IN PLACE, REMAINING DEPRESSION TO BE INFILLED WITH GROUT.
4. MANDATORY FOR ALL WALK-IN FREEZER COMPARTMENTS THAT MEASURE OVER 30'-0" (9.144M) IN BOTH LENGTH AND WIDTH TO PROVIDE FREEZE PREVENTION BELOW THE INSULATED FLOOR SLAB ON GRADE. SUGGESTIONS ARE DRAINAGE/VENTING SYSTEM, HEAT TRACE SYSTEM, AND/OR REFRIGERATION HEAT GAIN GLYCOL SYSTEM.
5. ALL OPENINGS IN WALLS AS INDICATED ON THIS PLAN.
6. ALL PADS OR CURBS FOR FOODSERVICE EQUIPMENT AND/OR ROOF -MOUNTED COMPRESSOR RACKS PER MANUFACTURER'S INSTRUCTIONS AND/OR DETAILS SHOWN IN THIS DOCUMENT SET.
7. ALL HOLES OR SLEEVES THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS AS REQUIRED FOR THE INSTALLATION OF REFRIGERATION, DRINK, ELECTRICAL, OR PLUMBING LINES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING HOLES AND SLEEVES AFTER INSTALLATION OF THE LINES TO ENSURE A VERMIN-PROOF INSTALLATION.
8. WALL(S) AND CEILING, BEHIND, BELOW, AND AROUND TYPE 1 EXHAUST HOOD(S) SHALL CONFORM TO CURRENT N.F.P.A.- 96 AND ANY OTHER APPLICABLE CODE DEFINITION IN REGARD TO REQUIRED CLEARANCES TO COMBUSTIBLE, LIMITED, OR NON-COMBUSTIBLE MATERIALS. ARCHITECT, MECHANICAL ENGINEER, AND KEC TO VERIFY THAT PLANNED CLEARANCES CONFORM TO CODE PRIOR TO INSTALLATION OF EXHAUST CANOPY.
9. PROVIDE A TRANSIT-LEVEL FINISH BELOW THIS EQUIPMENT TO THE OUTER EDGE AS INDICATED IN PLAN.
10. ALL CONDUITS AND ROUTING OF CONDUITS FOR REMOTE REFRIGERATION LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CONDUITS THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH KITCHEN EQUIPMENT CONTRACTOR.
11. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BEVERAGE LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASES THROUGH BUILDING. CONDUITS/CHASES SHALL HAVE A SMOOTH INTERIOR FINISH AND MUST BE SEALED WATER-TIGHT. A MINIMUM RADIUS OF 30" (762 MM) AT ALL BENDS WITH SWEEPS WIDENING AS DIAMETER WIDENS (45-DEGREE JOINTS ARE NOT ALLOWED). AN ACCESSIBLE PULL BOX/PULL SLEEVE MAY BE REQUIRED IF OVER 75 -0" (22M) (VERIFY WITH OWNER/OPERATOR 'S PURVEYOR) OR WHERE LOCATED IN FLOORS OR CONCEALED SPACES. THE TOTAL OF ALL BENDS BETWEEN PULL BOXES NOT TO EXCEED 180 DEGREES. STUB CONDUIT ENDS OUT 4" (100MM) FROM WALLS, CEILING, OR FINISHED FLOORS. RECOMMENDED CONDUIT SIZE IS 8" (200MM) DIAMETER FOR BEER, 6" (152MM) DIAMETER MINIMUM FOR OTHER BEVERAGES. SCHEDULE 40 PVC IS STANDARD FOR UNDER-SLAB APPLICATIONS, BUT METAL MAY BE REQUIRED ABOVE GRADE AND WITHIN CEILING PLENUMS. GENERAL CONTRACTOR TO VERIFY MATERIAL TYPE WITH LOCAL CODES AND REGULATIONS. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION. WHERE BEVERAGE CONDUITS ARE REQUIRED TO RUN EXTERIOR OR OUTSIDE OF A TEMPERATURE-CONTROLLED SPACE, THEY SHALL BE INSTALLED IN A WEATHER-PROOF AND TEMPERATURE-RESISTANT MANNER.
12. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BULK CO2 TANK LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASE THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH OWNER/OPERATOR'S LOCAL GAS (CO2) COMPANY. EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M) FROM DELIVERY TRUCK TOTAL LINE RUN FROM BULK CO2 TANK TO EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M). PROVIDE CO2 DETECTOR AT THE BULK CO2. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION.

M-D. ADDITIONAL NOTES

1. RUN REFRIGERATION LINES TO REMOTE REFRIGERATION SYSTEM AS INDICATED ON THE EQUIPMENT SCHEDULE. KEC TO FURNISH FIELD-COORDINATED REFRIGERATIONS RUN LINE DRAWINGS.
2. REMOTE REFRIGERATION SYSTEM ON WALK-IN BOX. KEC TO PROVIDE STRUCTURAL SUPPORT FOR WEIGHT AND FOR MAINTENANCE. ARCHITECT TO PROVIDE ADEQUATE ACCESS FOR MAINTENANCE.
3. CEILING MOUNTED EQUIPMENT SHALL BE FULLY SUPPORTED FROM STRUCTURAL CEILING ABOVE, AND PROVIDE ANTI -SWAY BRACING WELDED TO VERTICAL SUPPORTS. ADDITIONAL STRUCTURAL SUPPORT ABOVE CEILING TO BE PROVIDED BY GC FOR CEILING HUNG EQUIPMENT. KEC TO COORDINATE WITH GC.
4. KEC TO PROVIDE STAINLESS-STEEL CHANNEL BASE WHERE CALLED OUT. CHANNEL BASE FILLED WITH LIGHT WEIGHT CONCRETE, BY GC.

BC&V Symbol Legend

- FLOOR DEPRESSION
- MASONRY PAD
- TRANSIT - LEVEL FINISH
- NON-COMBUSTIBLE WALL & CEILING MATERIAL (VERIFY REQUIREMENTS with LOCAL CODES)
- FINISHED WALL OPENING
- WALL BACKING
- SUPPLY DUCT
- EXHAUST DUCT
- DIRECT CONNECT FLUE
- AIR MOVEMENT / HEAT REMOVAL
- BEVERAGE CONDUIT
- REFRIGERATION LINE CONNECTION
- R ITEM# — TAG INDICATING REMOTE REFRIGERATION LINE
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL FABIAN 022317 STATE OF NEW YORK

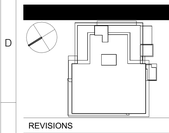
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

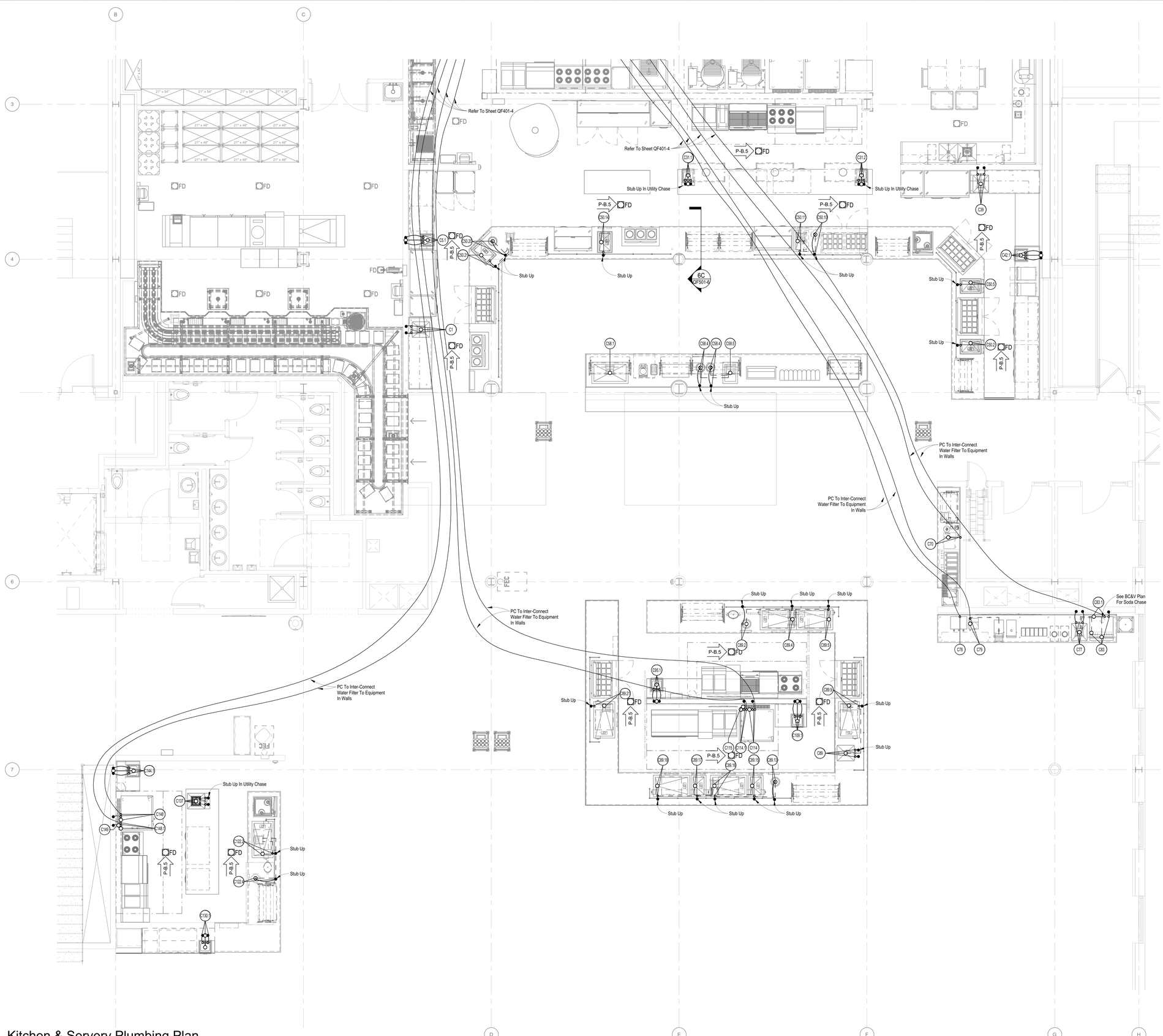
SCALE: As indicated

SHEET NAME:
Foodservice Building Conditions & Ventilation Plan (C)

SHEET NUMBER:
QF402-3B

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC


Refer To Sheet QF401-4
Refer To Sheet QF401-4
Stub Up In Utility Chase
Stub Up In Utility Chase
Stub Up
Stub Up
Stub Up

PLUMBING NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

P-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL PLUMBING WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO -REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.

P-B. PLUMBING NOTES

PLUMBING ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. DRAIN-LINES, FITTINGS, VALVES, AND ALL PLUMBING COMPONENTS SERVICING FOODSERVICE EQUIPMENT SHALL BE CAPABLE TO WITHSTAND HOT WATER TEMPERATURES MORE THAN 140-200 DEGREES FAHRENHEIT, DRAIN TEMPERATURES OF 130 DEGREES FAHRENHEIT TO BOILING (SOMETIMES UNDER PRESSURE), AND STEAM (IF APPLICABLE) TEMPERATURES AS PER DESIGN PRESSURES. PROVIDE MINIMUM 6'-0" (1.8M) LENGTH CAST IRON PIPING FROM FLOOR SINKS TO WITHSTAND HOT WATER TEMPERATURES.
2. PRESSURE-REDUCING OR REGULATING VALVES, FAUCETS AND WATER INLETS, IN-LINE WATER FILTERS, VACUUM BREAKERS, BACKFLOW PREVENTION DEVICES, REDUCED PRESSURE ZONE BACKFLOR PREVENTORS, ANTI-SCALD VALVES, STAINLESS STEEL DOUBLE CHECK VALVES FOR SODA SYSTEM, ETC. NOT OTHERWISE SUPPLIED TO FOODSERVICE EQUIPMENT AS REQUIRED BY LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS.
3. WASTE LINES, DIRECT AND INDIRECT, TO BE PITCHED DOWNWARD AND TO HAVE ADEQUATE CLEAN-OUT PROVISIONS PER CODE.
4. FLOOR SINKS SHOULD BE SPECIFIED AND INSTALLED WITH TOP GRATES AND REMOVABLE SEDIMENT BUCKET INCLUDED. FLOOR SINK TOP TO BE SET FLUSH WITH FINISHED FLOOR UNLESS DIRECTED OTHERWISE BY LOCAL CODE. PROVIDE ACID-RESISTANT FLOOR SINKS FOR EQUIPMENT THAT DISCHARGES CO2 (I.E. SODA AND WATER DISPENSERS). VERIFY COMPLIANCE WITH LOCAL CODES AND REGULATIONS.
5. AREA FLOOR DRAINS IN QUANTITY AND PROPOSED LOCATION AS COORDINATED WITH OWNER/OPERATOR. SLOPE FLOORS TO AREA DRAINS AT MINIMUM OF 1/16" (.40MM) PER FOOT (20MM) WITHIN A 6' (1.8M) RADIUS OR PER LOCAL CODE.
6. GREASE TRAPS, INCLUDING SIZING, AS REQUIRED. INSTALL GREASE TRAPS OUTSIDE OF BUILDING WHENEVER POSSIBLE. INSTALLATION WITHIN THE BUILDING MUST COMPLY WITH LOCAL CODES AND REGULATIONS. NOTIFY RICCA DESIGN STUDIOS WHEN INSTALLATION MUST BE WITHIN ANY KITCHEN AREAS OR FOODSERVICE ZONES.
7. PROVIDE AND INSTALL INDIRECT DRAIN LINE FROM WALK-IN OR ROOM COOLING EVAPORATOR COILS TO ASSIGNED FLOOR SINK. DRAIN LINES TO BE P-TRAPPED AT EJECTION POINT OUTSIDE OF COLD ZONE. DRAIN LINES WITHIN FREEZER CAVITIES TO BE INSULATED AND WRAPPED WITH HEAT TAPE PROVIDED BY E.C.

8. NOTES CONCERNING PLUMBING ROUGH-INS:
   - A. FURNISH AND INSTALL ALL WATER, WASTE, GAS, AND STEAM LINES AND SIZE SERVICE LINES TO PROVIDE FULL-FLOW VOLUME FOR ALL EQUIPMENT SUPPLIED BY RESPECTIVE MAINS AND BRANCHES. PROVIDE BRASS BALL VALVE (MINIMUM) STOP VALVES AND TAG ROUGH-INS WITH THE APPROPRIATE IDENTIFYING LABELS. SERVICE LINES STUBBED OUT OF WALLS, UP FROM FINISHED FLOORS, OR A CONCRETE CURB A MINIMUM OF 2" (50MM). VENT PIPES MUST BE CONCEALED IN WALLS OR COLUMN CHASE. USE A LOOP-VENT OR AIR GAP ASSEMBLY FOR ISLAND FIXTURES. ALL FLOOR PENETRATIONS MUST BE SEALED WATERTIGHT.
   - B. WASTE LINES SHOWN ARE DESIGNED TO COMPLY WITH THE BEST KNOWN AND GENERALLY-ACCEPTED HEALTH AND SANITARY CONDITIONS AND CODES. PLUMB LINES TO ENSURE NO INTERFERENCE WITH THE INTENDED USE OR SERVICING OF FOODSERVICE EQUIPMENT. RUN LINES BELOW EQUIPMENT AT THE HIGHEST POSSIBLE ELEVATION ABOVE FINISHED FLOOR. NO LINES ARE TO LAY ON OR BE SECURED TO THE FLOOR. FIELD-CUTTING OF ANY FOODSERVICE EQUIPMENT TO MAKE WAY FOR WASTE LINES WITHOUT CONSENT OF KITCHEN EQUIPMENT CONTRACTOR IS PROHIBITED.
   - C. SUPPLY 140-DEGREE FAHRENHEIT HOT WATER TO ALL WAREWASHING EQUIPMENT AND 120-DEGREE FAHRENHEIT HOT WATER TO ALL OTHER EQUIPMENT UNLESS OTHERWISE INSTRUCTED BY CODE. INSULATE WATER AND STEAM LINES (IF REQUIRED) TO CONFORM WITH ACCEPTED PRACTICE. EXPOSED PIPES AND FITTINGS ABOVE A WORKING HEIGHT OF 34" (86MM) ABOVE FINISHED FLOOR SHALL BE CHROME-PLATED OR COVERED WITH A STAINLESS-STEELSLEEVE.
   - D. SIZE FUEL GAS SERVICE LINES TO PROVIDE THE REQUIRED BTU RATING INDICATED FOR SPECIFIED GAS-FIRED EQUIPMENT AT A LOW PRESSURE OF APPROXIMATELY 7" TO 9" WATER COLUMN. EACH PIECE OF GAS-FIRED COOKING EQUIPMENT SHALL BE FURNISHED WITH A PROPERLY-SIZED GAS REULATOR WITH VENT LIMITING DEVICE. GAS REGULAROR SHALL BE PROVIDED BY PLUMBING ENGINEER IF NOT PROVIDED BY KEC. INSTALL AUTOMATIC MECHANICAL SHUT-OFF VALVES - FURNISHED BY FIRE SUPPRESSION CONTRACTOR - IN GAS SUPPLY LINES TO EQUIPMENT UNDER EXHAUST HOOD ASSEMBLIES.
   - E. PROVIDE CHILLED WATER (OR CONDENSER WATER) TO AND FROM COMPRESSOR FROM COOLING TOWER (OR BUILDING'S CONDENSER SYSTEM) AS SHOWN. PROVIDE RICCA DESIGN STUDIOS WITH CHILLED WATER TEMPERATURE TO PROPERLY ENGINEER REFRIGERATION EQUIPMENT. CHILLED WATER PRESSURE SHALL BE PROVIDED AT NO GREATER THAN 150 PSI.

9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - A. ALL WATER, GAS, AND STEAM (WHERE APPLICABLE) SERVICES FOR PORTABLE AND COUNTERTOP EQUIPMENT MUST BE CONNECTED TO THE EQUIPMENT WITH A COMMERCIAL TYPE FLEXIBLE HOSE AND QUICK DISCONNECT FITTINGS TO MEET A.G.A. APPROVAL FOR COMMERCIAL KITCHEN EQUIPMENT.
   - B. WATER PROVIDED FOR STEAM-PRODUCING EQUIPMENT MUST HAVE A WATER HARDNESS NO GREATER THAN 2.0 GRAINS AND A PH LEVEL BETWEEN 7.0 AND 7.5.
   - C. WATER USED FOR COOLING WATER TO CONDENSING UNITS OR COMPRESSORS MUST BE TREATED TO INHIBIT THE FORMATION OF DEPOSITS IN THE CONDENSING TUBES.
   - D. STEAM (WHERE APPLICABLE) THAT COMES IN DIRECT CONTACT WITH FOOD, FOOD HOLDING EQUIPMENT, OR WAREWASHING EQUIPMENT MUST BE POTABLE STEAM.
   - E. INTERRPE HOT WATER SUPPLY LINES BETWEEN BOOSTER HEATER AND WAREWASHING EQUIPMENT WHEN SPECIFIED SEPARATELY. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN.
   - F. INTERRPIE WATER LINES BETWEEN WATER WASH VENTILATOR ASSEMBLIES AND CONTROL PANELS. SUPPLY A MINIMUM OF 140-DEGREE FAHRENHEIT HOT WATER AT CONTROL PANEL. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN. REFER TO MANUFACTURER DRAWINGS FOR EXACT REQUIREMENTS.
   - G. INTERRPIE CENTRALIZED WASTE GREASE PLUMBING LINE FROM PUMPING/COLLECTION STATION TO GREASE WASTE COLLECTION TANK IN PITCHED MANNER PER MANUFACTURER'S DIRECTION. PROVIDE HEAT TRACE CABLE/TAPE ON LINE-RUN WHERE AMBIENT AIR TEMPERATURE ALONG LINE- RUN IS BELOW 70 DEGRESS FAHRENHEIT. HEAT TRACE CABLE/TAPE SHALL BE PROVIDED BY E.C.
   - H. WASTE CONNECTIONS FOR INDIVIDUAL SECTIONS OF WATER WASH VENTILATORS TO A MAIN DRAIN CONNECTION. REFER TO MANUFACTURER'S DRAWINGS FOR EXACT REQUIREMENTS.
   - I. INSTALL IN-LINE WATER FILTERS AS WELL AS INCOMING AND OUTGOING LINES AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.
   - J. WATER PIPES BETWEEN THE BACKFLOW PREVENTERN AND WATER FILTERS SHALL BE STAINLESS STEEL, NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS).

9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - K. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTER, AND FROM CARBONATOR TO SODA DISPENSER, AT SODA SYSTEM CARBONATOR, SHALL BE STAINLESS STEEL - NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS). DRAIN PIPE AT SODA DISPENSERS SHALL BE STAINLESS STEEL OR PLASTIC PIPE WASTE LINE UNTIL A POINT WHERE THE WASTE HAS BEEN DILUTED BY AN UPSTREAM FIXTURE.
   - L. INTERCONNECT FOOD WASTE SYSTEMS PER MANUFACTURER'S DRAWINGS.
   - M. EQUIPMENT THAT IS CONNECTED TO POTABLE WATER AND UTILIZES AUTOMATICALLY DISPENSED CHEMCALS FOR CLEANING SHALL HAVE AN ACCESSIBLE BACK FLOW PREVENTION DEVICE INSTALLED.
   - N. DRAIN LINES FROM ICE BINS ARE TO BE INSULATED THE ENTIRE LINE-RUN TO FLOOR SINK.

P-C. ADDITIONAL NOTES

Plumbing Symbol Legend

	HOT / COLD WATER ROUGH-IN and CONNECTION
	DIRECT WASTE (DW) ROUGH-in and CONNECTION
	INDIRECT WASTE (IW)
	FUEL GAS ROUGH-IN and CONNECTION
	STEAM SUPPLY ROUGH-IN and CONNECTION
	STEAM CONDENSATE RETURN ROUGH-in and CONNECTION
CS	COOLING WATER SUPPLY ROUGH-IN and CONNECTION
CR	COOLING WATER RETURN ROUGH-IN and CONNECTION
	HOSE BIBB, HOT or COLD WATER
	HOSE BIBB, HOT and COLD WATER with MIXING VALVE and VACUUM BREAKER
A	COMPRESSED AIR CONNECTION
	FLOOR SINK AND GRATE (FS)
FD	AREA FLOOR DRAIN (FD)
FFD	FUNNEL FLOOR DRAIN (FFD)
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
BTC	BRANCH TO CONNECTION
DFA	DOWN FROM ABOVE
	REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL PEREZ 022317 STATE OF NEW YORK

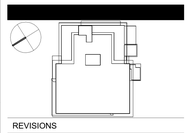
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

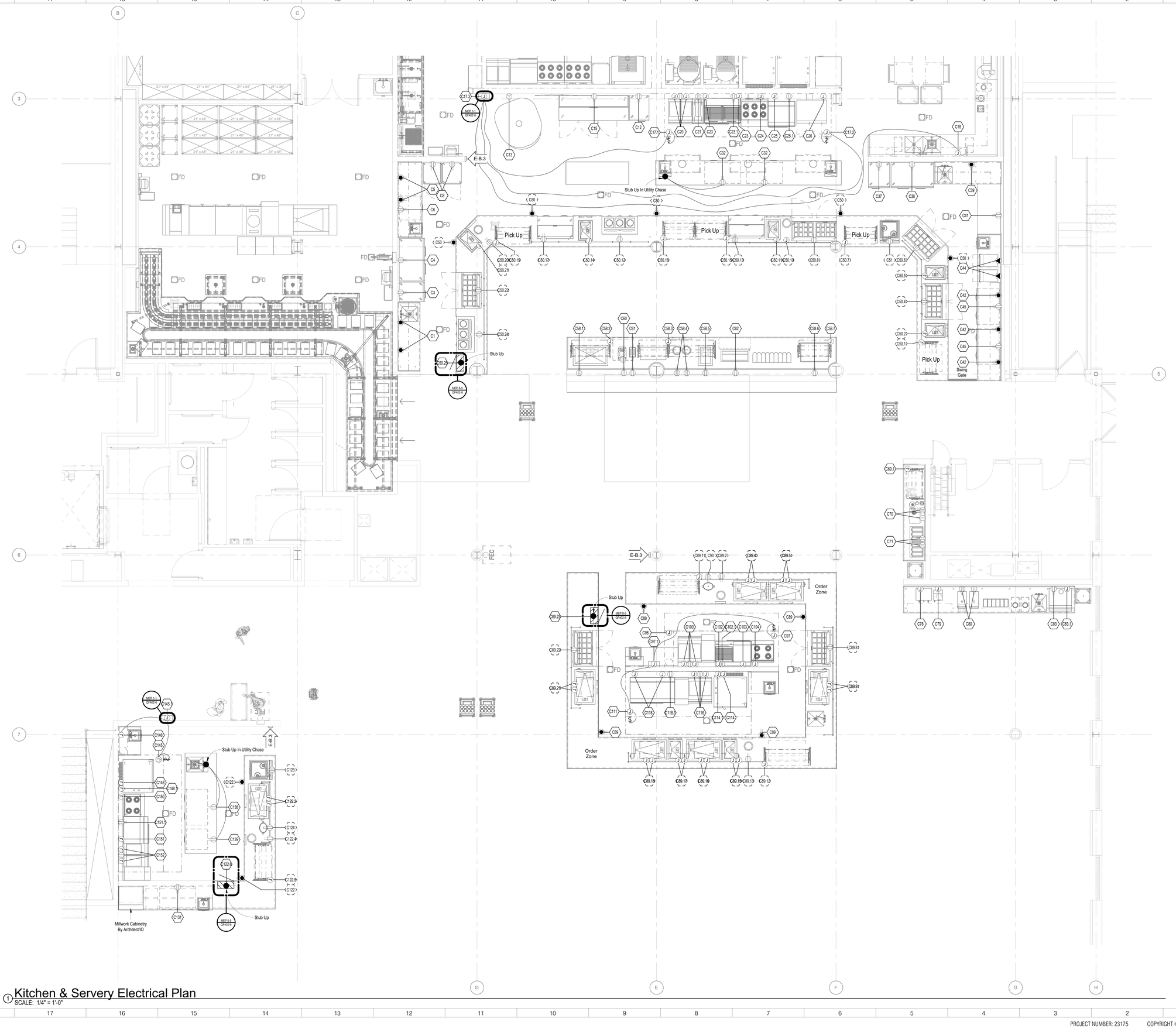
SCALE: 12" = 1'-0"

SHEET NAME:
Foodservice Plumbing Plan (C)

SHEET NUMBER:
QF402-4B

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Kitchen & Servery Electrical Plan
SCALE: 1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIMBO 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

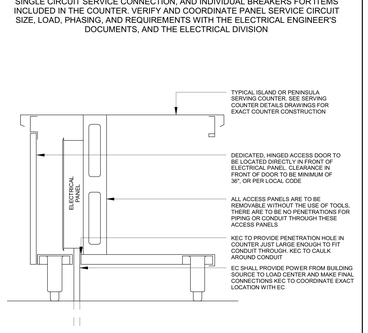
No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME:
Foodservice Electrical Plan (C)
SHEET NUMBER:
QF402-5

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

COUNTER WILL BE PROVIDED BY THE KEC COMPLETELY PREWIRED TO A BUILT-IN CIRCUIT BREAKER PANEL. THIS SHALL INCLUDE ALL OUTLETS, JBOXES, CONDUIT, WIRING, ELECTRICAL COMPONENTS, AND ACCESSORIES ATTACHED TO, OR BUILT INTO THE COUNTER. ALL CONDUIT, WITH WIRING, SHALL BE CONCEALED FROM VIEW, AND INSTALLED IN A MANNER WHICH WILL NOT INTERFERE WITH THE INTENDED USE OF THE COUNTER. PANEL TO INCLUDE A MAIN BREAKER FOR SINGLE CIRCUIT SERVICE CONNECTION, AND INDIVIDUAL BREAKERS FOR ITEMS INCLUDED IN THE COUNTER. VERIFY AND COORDINATE PANEL SERVICE CIRCUIT SIZE, LOAD, PHASING, AND REQUIREMENTS WITH THE ELECTRICAL ENGINEER'S DOCUMENTS, AND THE ELECTRICAL DIVISION



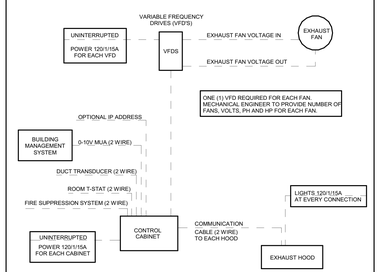
ELECTRICAL DETAIL FOR LOAD CENTER

SECTION VIEW *NOT TO SCALE*

RICCA DESIGN STUDIOS

MEP8-5

THE DEMAND CONTROL VENTILATION SYSTEM IS DESIGNED TO VARY THE EXHAUST AIRFLOW BASED UPON COOKING PROCESSES
REFER TO MANUFACTURER DRAWINGS FOR PROJECT-SPECIFIC ENGINEERED SYSTEM



VARIABLE FREQUENCY DRIVES (VFDS) MUST BE LOCATED WITHIN 150'-0" (46m) FROM EXHAUST FAN IT SERVES. EC TO LOCATED VFDS. TYPICAL SIZE: 10" (254mm) W X 8" (203mm) D X 24" (610mm) H. SEE HOOD DRAWINGS FOR FURTHER INFORMATION.

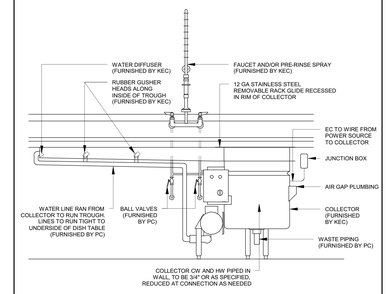
CONTROL CABINET MUST BE LOCATED WITHIN 250'-0" (76m) FROM EXHAUST HOOD. EC TO LOCATE CONTROL PANEL. TYPICAL SIZE: 15" (381mm) W X 8" (203mm) D X 24" (610mm)H. SEE HOOD DRAWINGS. ALL CONDUIT, LOW VOLTAGE WIRING BY EC OR ASSIGNED LVC.

DEMAND CONTROL SYSTEM

WIRING SCHEMATIC *NOT TO SCALE*

RICCA DESIGN STUDIOS

MEP1-1



NOTE: EQUIPMENT SHOWN OFFSET FROM ACTUAL LOCATIONS FOR CLARITY OF DETAILS

PLUMBING CONTRACTOR TO PROVIDE ALL COMPONENTS AND PIPING UNLESS OTHERWISE NOTED ABOVE. PLUMBING CONTRACTOR TO INSTALL & PIPE ALL COMPONENTS

COLLECTOR DETAIL

ELEVATION VIEW *NOT TO SCALE*

RICCA DESIGN STUDIOS

MEP6-2

ELECTRICAL NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

E-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL ELECTRICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. ELECTRICAL INFORMATION IS BASED ON A 60 HERTZ ELECTRICAL SYSTEM AND IS INTENDED TO SHOW FOODSERVICE FIXTURES AND EQUIPMENT RECEPTACLE TYPES, LOCATIONS, LOADS, AND CONNECTION POSITIONS ONLY. FURNISH ANY ADDITIONAL RECEPTACLES AS REQUIRED BY LOCAL CODES OR AS REQUESTED BY OWNER. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. ENGINEERS SHALL PROVIDE AT LEAST 15% ADDITIONAL POWER THAN THE MINIMUM REQUIRED WITHIN KITCHEN/CULINARY ZONES FOR CURRENT OR FUTURE EQUIPMENT NEEDS.
9. ANY EXPOSED LOCATION SERVICE STUBBED UP OUT OF THE FLOOR MUST BE PROTECTED AND INSTALLED IN A MANNER THAT WILL PREVENT DAMAGE FROM WATER OR BY COLLISION WITH PORTABLE KITCHEN EQUIPMENT, HEAVILY-LOADED CARTS, OR FLOOR CLEANING EQUIPMENT.
10. PRIOR TO THE INSTALLATION OF FOODSERVICE EQUIPMENT, THE KITCHEN EQUIPMENT CONTRACTOR MUST CONFIRM THAT ELECTRICAL WIRING HAS BEEN PULLED THROUGH JUNCTION BOXES AND THAT LIGHTING FIXTURES ARE WORKING.

E-B. ELECTRICAL NOTES

ELECTRICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. ALL WIRING, WIRING CONDUITS, JUNCTION BOXES, ELECTRICAL RECEPTACLES, SWITCHES, COVER PLATES, PLUG MOLDING, ETC. AS SHOWN ON PLAN AND NOT PROVIDED BY OTHERS. RUN ALL OF THE ELECTRICAL SERVICE LINES IN WALLS OR CONCEALED WHEREVER POSSIBLE. ALL EXPOSED SERVICES, COMPONENTS, AND CONNECTIONS SHALL BE VAPOR AND WATER-TIGHT.
2. ALL DISCONNECTS OR OTHER DEVICES AS REQUIRED BY LOCAL CODES. DO NOT LOCATE DISCONNECTS OR OTHER DEVICES (OTHER THAN JUNCTION BOX CONNECTIONS OR CORD & PLUG RECEPTACLES) BEHIND COOKING EQUIPMENT OR BELOW EXHAUST HOOD ASSEMBLIES.
3. ALL SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTIONS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OF ALL ELECTRICAL BELOW AND IN EXHAUST HOODS INTERWIRED WITH FIRE SUPPRESSION AS REQUIRED BY N.F.P.A. STANDARDS.
4. ALL RECEPTACLES, CORD & PLUG ASSEMBLIES TO BE NEMA-SIZED, UL-APPROVED, AND RATED FOR THE SERVICE INDICATED ON THESE PLANS. PROVIDE GFCI RECEPTACLES AS REQUIRED BY THE NEC AND LOCAL CODES. ENSURE THAT GFCI RECEPTACLES AND NOT BREAKERS-ONLY ARE ALLOWED FOR APPLICABLE FOODSERVICE EQUIPMENT.
5. AT ALL WALK-IN COOLER/FREEZER LOCATIONS SHOWN ON THIS PLAN:
   A. ALL VAPOR-PROOF LIGHT FIXTURES, AS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
   B. ALL DISCONNECTS AND SWITCHES AT BLOWER COILS.
   C. ALL VAPOR-PROOF DUPLEX CONVENIENCE RECEPTACLES AS INDICATED ON THIS PLAN.
   D. ALL INTERCONNECTIONS FOR ELECTRICAL COMPONENTS IN THE WALK-IN COOLER/FREEZER COMPARTMENTS.
   E. ALL INTERCONNECTIONS AND SWITCHES FOR FREEZER EVAPORATORS AND COMPRESSORS.
   F. VERIFY EXACT WIRE SIZES WITH MANUFACTURERS SPECIFICATIONS.
   KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE WIRING DIAGRAM FOR ALL WIRING REQUIRED FOR WALK-IN COOLER/FREEZER COMPARTMENTS.
6. ALL WIRING AND CONDUITS INTO WALK-IN COOLER/FREEZER COMPARTMENTS FOR THE FOLLOWING:
   A. EACH EVAPORATOR COIL
   B. EACH VAPOR-PROOF CEILING LIGHT
   C. EACH PERSONNEL ALARM SWITCH AND LIGHT
   D. EACH DOOR HEATER AND ANY FREEZER COIL DRAIN HEATERS REQUIRED
   E. EACH HIGH-TEMPERATURE WARNING ALARM SYSTEM ALL PENETRATIONS MUST BE MADE THROUGH THE CEILING INSULATION AND ARE REQUIRED TO BE VAPOR-TIGHT. ALL CONDUIT TO RUN ABOVE THE WALK-IN COMPARTMENTS. INSTALLATION OF CONDUIT LINE-RUNS INSIDE OF WALK-IN COMPARTMENTS IS PROHIBITED.
7. ALL WIRING TO AND INTERWIRING BETWEEN EXHAUST HOOD COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONTROL SYSTEMS AND WIRING, DAMPERS, SOLENOIDS, LIGHTS, VFDS, FIRE SUPPRESSION SYSTEMS, BUILDING MANAGEMENT SYSTEM, ETC. AS SHOWN ON MANUFACTURER'S DRAWINGS AND ON MECHANICAL ENGINEER'S DRAWINGS.
8. SWITCHES/CONTROLS FOR EXHAUST HOODS, EXHAUST FANS, SUPPLY FANS, MAKEUP FANS, AND HVAC COMPONENTS AS SPECIFIED BY THE MECHANICAL ENGINEER.
9. ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN.
10. FOR FLOOR PENETRATION ROUGH-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULTIPLE CIRCUITS WHEREVER POSSIBLE.
11. FLOOR RECEPTACLES IN FRONT-OF-HOUSE, NON-KITCHEN AREAS, BUT UTILIZED BY SERVICE TEAM, SHOULD BE VAPOR-PROOF PLUSH TYPE, UNLESS OTHERWISE NOTED. NO FLUSH TYPE RECEPTACLES SHALL BE INSTALLED IN KITCHEN AREAS.
12. INTERCONNECT/INTERWIRE FOOD WASTE SYSTEM CONTROL PANEL WITH FOOD WASTE SYSTEM COMPONENTS AS SHOWN ON MANUFACTURER'S DRAWINGS.
13. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED WITH A BUILT-IN CIRCUIT BREAKER MINI-PANEL/LOAD CENTER- SIZED AS SPECIFIED BY THE ELECTRICAL ENGINEER- PER THE INDIVIDUAL EQUIPMENT REQUIREMENTS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
14. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
15. WHERE INDICATED, THIS COUNTER OR TABLE WILL BE PROVIDED BY THE GENERAL CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL BOX ARE AS NOTED ON THE PLANS AND SCHEDULES. ALL FINAL CONNECTIONS, INCLUDING INTERWIRING BETWEEN COUNTER SEGMENTS, TO BE MADE BY THE ELECTRICAL CONTRACTOR. DATA LINE RUNS SHALL BE SEPARATE FROM ELECTRICAL CONDUIT AND TERMINATE WITHIN DATA PULL BOX. DATA LINE RUNS AND FINAL DATA CONNECTIONS BY ELECTRICAL CONTRACTOR.
16. CEILING-MOUNTED RETRACTABLE DROP CORD ASSEMBLY IN LOCATIONS SHOWN ON PLANS AND ELEVATIONS. RETRACTED CORD HEIGHT TO BE 6'-6" (2M) ABOVE FINISHED FLOOR. OVERALL CORD LENGTH NOT TO EXCEED FINISHED FLOOR TO FINISHED CEILING HEIGHT. E.C. TO PROVIDE CONCEALED UNI -STRUT REINFORCED SUPPORT TO STRUCTURE FOR DROP CORD OR RETRACTABLE CORD ASSEMBLY.

E-C. ADDITIONAL NOTES

Electrical Symbol Legend

- TAG INDICATING DEVICE INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PRE-WIRED BREAKER PANEL INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- PB — PULL BOX INSTALLED in EQUIPMENT (by KEC or MANUFACTURER)
- CONDUIT STUB with FINAL CONNECTIONS to EQUIPMENT
- JUNCTION BOX (JB) with FINAL CONNECTIONS to EQUIPMENT
- DUPLEX CONVENIENCE RECEPTACLE (DCR)
- DUPLEX RECEPTACLE (DR)
- POWER RECEPTACLE, 1 PHASE
- POWER RECEPTACLE, 3 PHASE
- D — DROP RECEPTACLE - CORD (DRC)
- DRR — DROP RECEPTACLE - REEL (DRR)
- FLOOR RECEPTACLE, FLUSH OR PEDESTAL MOUNTED
- VAPOR-PROOF LIGHT FIXTURE
- DATA
- S — SWITCH (SW)
- LOW TEMP. LED LIGHT FIXTURE
- PLUG MOULDING
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER TO INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL JIMENEZ 022317 STATE OF NEW YORK

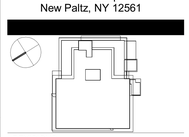
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: As indicated

SHEET NAME:
Foodservice Electrical Plan (C)

SHEET NUMBER:
QF402-6

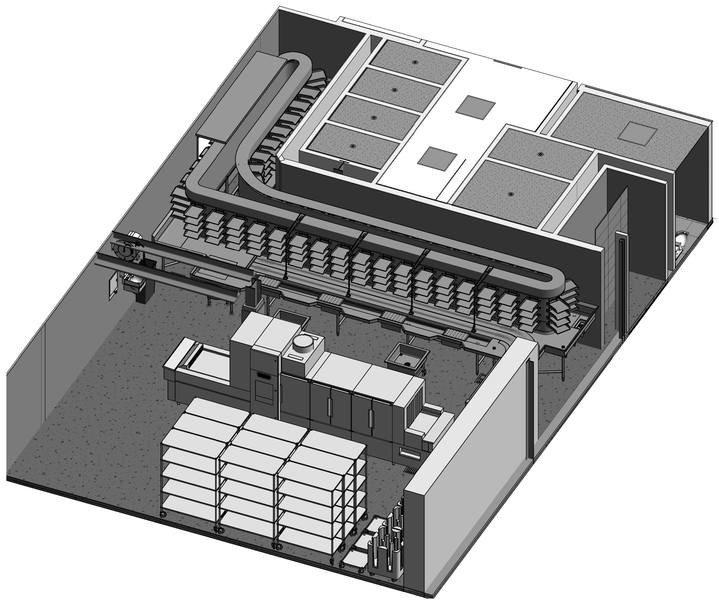
BID SET

PROJECT NUMBER: 23175

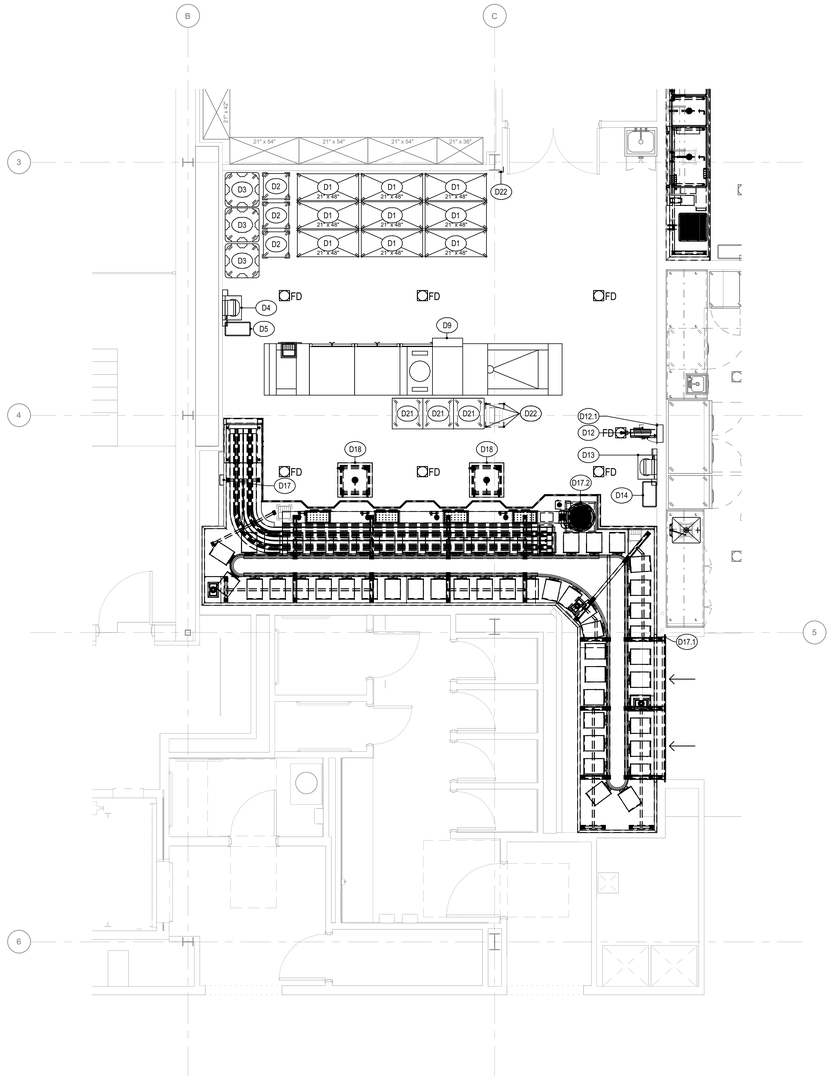
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Equipment Schedule - (D)

Item Number	Qty	Description	Remarks
D1	9	Clean Dish Storage Shelving	
D2	3	Glass Rack Dolly	
D3	3	Dish Dolly	
D4	1	Hand Sink Assembly	W/ Soap & Towel Dispenser
D5	1	Trash Receptacle, 23 Gallon	By Owner/Operator
D6	1	Spare Number	
D7	1	Spare Number	
D8	1	Spare Number	
D9	1	Dishwasher, Flight-Type	High-Temp
D10	1	Spare Number	
D11	1	Spare Number	
D12	1	Hose Reel	
D12.1	1	Hose Reel Control Cabinet	
D13	1	Hand Sink Assembly	W/ Soap & Towel Dispenser
D14	1	Trash Receptacle, 23 Gallon	By Owner/Operator
D15	1	Spare Number	
D16	1	Spare Number	
D17	1	Accumulator	
D17.1	1	Accumulator Lights	
D17.2	1	Waste Collector	
D18	2	Silver Soak Sink	
D19	1	Spare Number	
D20	1	Spare Number	
D21	3	Work Table, Mobile	
D22	5	Corner Guard	



2 3D - Warewash (D)
SCALE:



1 Warewash
SCALE: 1/4" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com



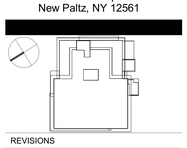
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME:
Foodservice Equipment Plan (D)
SHEET NUMBER:
QF403-1

BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

Foodservice Utility Schedule - (D)

Item Number	QTY	Description	Remarks	Electrical								Plumbing													Ventilation														
				Emer. Power Req'd	Volts	PH	Amps	KW	HZ	Elec. Conn. Type	Elec. Rough-In AFF	Electrical Remarks	Cold Water Conn. Size	Cold Water Rough-In AFF	Hot Water Conn. Size	Hot Water Flow GPH	Hot Water Rough-In AFF	Direct Drain Conn. Size	Direct Drain Rough-In AFF	Indirect Drain Conn. Size	Gas Conn. Size	Gas MBH	Gas Rough-In AFF	Cooling Water Supply Conn. Size	Cooling Water Return Conn. Size	Cooling Water Rough-In AFF	Plumbing Remarks	Exhaust Collar Size			Exhaust Volume	Exhaust Static Pressure	Supply Collar Size		Supply Volume	Supply Static Pressure	Ventilation Remarks	OFOI	OFCI	CFCI	Item Number
																											Width	Depth	DIA			Width	Depth						
D1	9	Clean Dish Storage Shelving																																			Yes	No	No	D1
D2	3	Glass Rack Dolly																																			Yes	No	No	D2
D3	3	Dish Dolly																																			Yes	No	No	D3
D4	1	Hand Sink Assembly	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																			No	No	Yes	D4
D5	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																		Yes	No	No	D5
D6	1	Spare Number																																			No	No	No	D6
D7	1	Spare Number																																			No	No	No	D7
D8	1	Spare Number																																			No	No	No	D8
D9	1	Dishwasher, Flight-Type	High-Temp		480	3	98.1	47.09	60	DIRECT	79"	Refer To QF800-1	1"	6"	1"	58	6"			2"							IW To Floor Sink			16"	750					Mechanical Division To Provide Duct & Fan. Refer To QF800-1	No	Yes	No	D9
D10	1	Spare Number																																			No	No	No	D10
D11	1	Spare Number																																			No	No	No	D11
D12	1	Hose Reel											1/2"	84"													PC To Inter-Connect From Control Cabinet To Hose Reel In Walls Providing Tempered Water To Hose Reel											No	Yes	No	D12
D12.1	1	Hose Reel Control Cabinet											1/2"	54"	1/2"	25	54"										Cabinet Control Provides Tempered Water To Hose Reel											No	Yes	No	D12.1
D13	1	Hand Sink Assembly	W/ Soap & Towel Dispenser										1/2"	18"	1/2"	5	18"	1 1/2"	15"																			No	No	Yes	D13
D14	1	Trash Receptacle, 23 Gallon	By Owner/Operator																																		Yes	No	No	D14
D15	1	Spare Number																																			No	No	No	D15
D16	1	Spare Number																																			No	No	No	D16
D17	1	Accumulator			120	1	5	0.6	60	DIRECT	60"	Refer To QF800-2	1/2"	6"	1/2"	25	6"			1 1/2"							IW To Floor Sink											No	No	Yes	D17
D17.1	1	Accumulator Lights			120	1	15	1.8	60	DIRECT	96"	EC To Wire To Wall Switch. Refer To QF800-3																											No	No	Yes	D17.1
D17.2	1	Waste Collector			208	1	3.3	0.69	60	DIRECT	6"		3/4"	6"	3/4"	120	6"			2"							IW To Floor Sink											No	No	Yes	D17.2
D18	2	Silver Soak Sink																																			Yes	No	No	D18
D19	1	Spare Number																																			No	No	No	D19
D20	1	Spare Number																																			No	No	No	D20
D21	3	Work Table, Mobile																																			Yes	No	No	D21
D22	5	Corner Guard																																			No	Yes	No	D22

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO RAMIREZ-ROMERO 022313 STATE OF NEW YORK

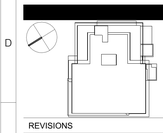
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

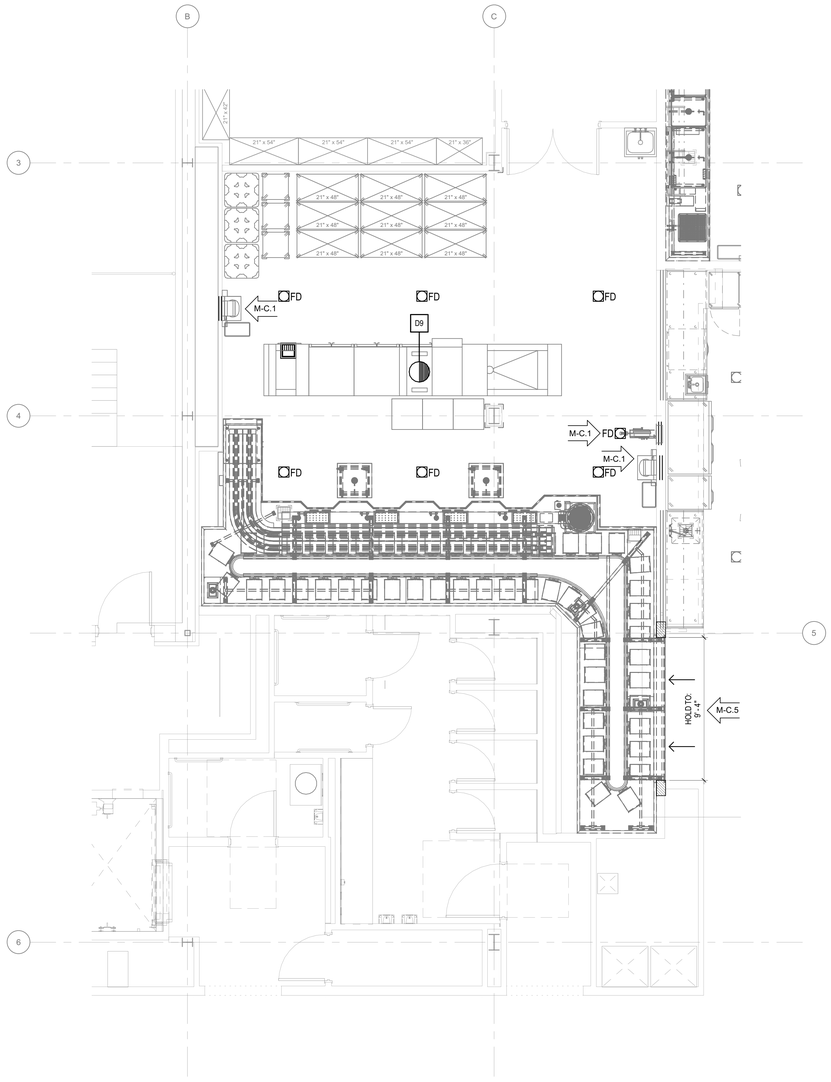
SCALE:

SHEET NAME:
Foodservice Utility Schedule (D)

SHEET NUMBER:
QF403-2

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Warewash BC&V Plan

SCALE: 1/4" = 1'-0"

BUILDING CONDITIONS & VENTILATION NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

M-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL CONSTRUCTION AND MECHANICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING CURRENT INTERNATIONAL MECHANICAL CODE, AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW SPECIAL BUILDING AND VENTILATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. RECOMMEND TO PROVIDE MINIMUM LIVE LOADS OF 150 LBS. PER SQUARE FOOT (69KG PER.09 SQUARE METERS). PROVIDE REINFORCED SLAB FOR ANY FOODSERVICE EQUIPMENT THAT MAY EXCEED 150 LBS. PER SQUARE FOOT, SUCH AS A LARGE COMPRESSOR RACK, LARGE DISH MACHINE, LARGE OVENS, ETC.
9. RECOMMENDED MINIMUM FINISHED CEILING HEIGHTS IN KITCHEN AREAS AND FOR SPECIFIC FOODSERVICE EQUIPMENT ARE AS FOLLOWS:
   A. KITCHEN AREAS WITH EXHAUST HOODS 9'-0" (2.75M)
   B. WALK-IN COOLER/FREEZER AREAS 9'-0" (2.75M)
   C. GENERAL AREAS 9'-0" (2.75M)
   D. ICE MACHINE AREAS 10'-6" (3.2M)
10. ADEQUATE SPACE IS NEEDED ABOVE THE FINISHED CEILINGS FOR MECHANICAL AND ELECTRICAL WORK, ESPECIALLY ABOVE EXHAUST HOODS AND WALK-IN COOLER/FREEZERS. NOTIFY RICCA DESIGN STUDIOS IF HEIGHTS ARE LESS THAN RECOMMENDED MINIMUMS.
    A. WALK-IN COOLER/FREEZER CEILING PANELS REQUIRE ADDITIONAL 18" (457MM) CLEARANCE ABOVE FOR INSTALLATION
    B. ICE MACHINES REQUIRE 24" (609 MM) CLEARANCE ABOVE FOR INSTALLATION
11. ALL FLOOR SINKS AND FLOOR TROUGHS TO BE SET FLUSH WITH FINISHED FLOOR - UNLESS OTHERWISE DIRECTED BY LOCAL CODE. ALL FLOOR TROUGHS SERVING FOODSERVICE EQUIPMENT WITH LIQUID VOLUME IN TILTING OR IN VALVED DUMPING MANNER SHALL BE PLACED IN A LOCATION DIRECTLY RELATED TO MANUFACTURER'S REQUIRED POUR-PATH FOR EQUIPMENT TO BE SET IN PLACE. KITCHEN EQUIPMENT CONTRACTOR AND GENERAL CONTRACTOR TO FIELD-VERIFY LOCATION IN RELATION TO REQUIRED POUR PATH, AND IN HEIGHT PER PITCH-TO-DRAIN REQUIRED.
12. THE MOUNTED HEIGHT FOR THE BOTTOM EDGE OF EXHAUST HOODS TO BE SET AT 6'-8" MINIMUM (2032MM) ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THE BOTTOM EDGE OF EXHAUST HOODS SHALL BE NO HIGHER THAN 7'-0" (2134MM) ABOVE FINISHED FLOOR.
13. MANUAL-PULL EXHAUST HOOD FIRE EVENT PULL STATION AND CONDUIT TO BE MOUNTED WITHIN WALL CAVITY AND SET TO 48" ABOVE FINISHED FLOOR (1220MM) AT CENTER. CONDUIT TO TERMINATE PER MANUFACTURER'S DRAWINGS. KITCHEN EQUIPMENT CONTRACTOR AND MECHANICAL CONTRACTOR TO VERIFY LOCATION WITH APPLICABLE FIRE CODE OFFICIALS PRIOR TO INSTALLATION.
14. GENERAL CONTRACTOR TO CONFIRM FOLLOWING IS COMPLETED PRIOR TO THE FOODSERVICE EQUIPMENT DELIVERY AND SET-IN-PLACE:
    A. THE WALLS AND CEILINGS ARE INSTALLED AND FINISHED. WALLS AND CEILINGS MUST BE SMOOTH, EASILY CLEANABLE, NON -ABSORBENT, DURABLE, WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS.
    B. THE FLOORING IS INSTALLED AND WASHED CLEAN. FLOORS MUST BE NON-SLIP, EASILY CLEANABLE, NON-POROUS, NON-ABSORBENT, AND DURABLE WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS. ALL VERTICAL INTERSECTIONS OF FLOORS-TO-WALLS SHALL HAVE COVED BASES INSTALLED.
    C. CONFIRM IF A LOADING DOCK IS AVAILABLE.
    D. COORDINATION WITH APPLICABLE TRADESPEOPLE FOR ANY DOOR/WINDOW OPENINGS AND/OR PASSAGEWAYS REQUIRED FOR THE DELIVERY OF FOODSERVICE EQUIPMENT.

M-B. MECHANICAL NOTES

MECHANICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING APPLICABLE EQUIPMENT AND PROVIDING THE FOLLOWING CONDITIONS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT PER BELOW INSTRUCTIONS.

1. ALL COOKING EXHAUST HOOD ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE I; ALL WARE WASHING ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE II AS REQUIRED PER N.F.P.A. -96.
2. EXHAUST HOOD DUCT TRANSITIONS TO HOODS, FANS, MAKE-UP AIR UNITS, POLLUTION CONTROL UNITS, FIRE-RATED MATERIALS, COMPONENTS, ETC. MAKE ALL FINAL CONNECTIONS ON ALL HOODS.
3. BALANCED TEMPERED SUPPLY AIR AND EXHAUST AIR IN KITCHEN AREAS TO CONTAIN COOKING ODORS AND EFFLUENT AND PROVIDE A COMFORTABLE WORKING ENVIRONMENT. THESE ZONES SHALL BE DESIGNED FOR SLIGHTLY NEGATIVE PRESSURE PER CODE.
4. INDEPENDENT OF EXHAUST HOOD MAKE-UP AIR PLENUM DIFFUSERS AT A LOCATION MINIMUM 8'-0" (2.4M) (CASTING NO GREATER THAN 150 FPM VELOCITY) TO 15'-0" (4.6M) (CASTING NO GREATER THAN 300 FPM VELOCITY) AWAY FROM THE EXHAUST HOOD IN PLAN. 4-WAY CEILING DIFFUSERS SHALL NOT BE UTILIZED IN ANY COOKING ZONE WITHIN KITCHENS.
5. ALL EXHAUST DUCTWORK SEAMS AND JOINTS MUST BE FULLY-WELDED AND WATER/GREASE-TIGHT. ALL EXHAUST DUCTS MUST BE PITCHED PER CODES. ALUMINUM EXHAUST DUCTWORK SHALL NOT BE USED AS DUCTING MATERIAL.
6. ALL FIRE-RATED MATERIALS FOR EXHAUST HOODS, VENT DUCTS, VENT STACKS, AND HEAT-PRODUCING FOODSERVICE EQUIPMENT.
7. SWITCHES, CONTROLS FOR SUPPLY FANS AND EXHAUST FANS, DEMAND CONTROL VENTILATION SYSTEMS, AND HVAC COMPONENTS.
8. AUTOMATIC ACTIVATION OF THE EXHAUST HOOD(S) WHENEVER COOKING OCCURS PER CURRENT INTERNATIONAL MECHANICAL CODE IS THE RESPONSIBILITY OF THE MECHANICAL ENGINEER OF RECORD. VERIFY SPECIFIC REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
9. ENSURE THAT ENTIRE KITCHEN EXHAUST SYSTEM FROM EXHAUST HOOD CANOPY TO FAN IS ASHRAE 90.1 SECTION 5.6.7-COMPLIANT PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN AND WHERE APPLICABLE. WHERE DEMAND CONTROL VENTILATION IS PLANNED, MECHANICAL ENGINEER TO VERIFY THAT VOLUME DAMPERS AND PEAK-DEMAND LIMITERS IN SIZE AND IN LOCATION ARE PLANNED AND CONTROLLED TO PROVIDE A FULLY -FUNCTIONAL SYSTEM AT TIME OF COMMISSIONING AND TURN-OVER.
10. ADDITIONAL AIR-CHANGES/HEAT REMOVAL FOR AIR-COOLED AND FOR WATER-COOLED CONDENSING UNITS AND ICE MACHINES SHALL BE SUPPLIED PER MANUFACTURER'S RECOMMENDATIONS.
11. AT LEAST 1.5 TIMES ADDITIONAL VS STANDARD ROOM AIR CHANGES SHALL BE PLANNED WITHIN WARE WASHING ROOMS/ZONES.
12. WHERE DIRECT EXHAUST VENTING IS PERMITTED, PROVIDE A DOUBLE-WALLED GAS CHIMNEY TO THE ATMOSPHERE AS ALLOWED/REQUIRED BY LOCAL CODE. ANY FLUE OF EXCESSIVE LENGTH WITH BENDS OR OTHER RESTRICTIONS SHALL BE PROVIDED WITH A BOOSTER EXHAUST FAN INTERWIRED TO OPERATE WITH THE EQUIPMENT SERVED. BOOSTER FAN SHALL PROVIDE 0" S.P. AT CONNECTION TO EQUIPMENT.

M-C. GENERAL CONTRACTOR NOTES

THE ARCHITECT IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING.

1. THE IN-WALL REINFORCING OR WALL BACKING FOR ALL WALL-MOUNTED AND RECESSED FOODSERVICE EQUIPMENT AND CONTROL PANELS.
2. TROUGH DIMENSIONS AND LOCATIONS ON THIS PLAN ARE FOR USE IN SLAB BLOCK-OUT PLANNING IF REQUIRED BY CONSTRUCTION SCHEDULE. FINAL SIZE AND LOCATION TO BE PROVIDED BY KEC WITHIN ISSUED SUBMITTALS.
3. REFER TO MANUFACTURER'S DRAWINGS SHEET SERIES FOR NECESSARY FLOOR CONDITIONS - INCLUDING DEPTHS, FLOOR CONSTRUCTION, AND FINISHES. ALL SUB-SLAB, SLAB, OR DEPRESSIONS SHALL BE PROVIDED WITH A SMOOTH AND TRANSIT-LEVEL FINISH. ONCE EQUIPMENT IS SET IN PLACE, REMAINING DEPRESSION TO BE INFILLED WITH GROUT.
4. MANDATORY FOR ALL WALK-IN FREEZER COMPARTMENTS THAT MEASURE OVER 30'-0" (9.144M) IN BOTH LENGTH AND WIDTH: PROVIDE FREEZE PREVENTION BELOW THE INSULATED FLOOR SLAB ON GRADE. SUGGESTIONS ARE DRAINAGE/VENTING SYSTEM, HEAT TRACE SYSTEM, AND/OR REFRIGERATION HEAT GAIN GLYCOL SYSTEM.
5. ALL OPENINGS IN WALLS AS INDICATED ON THIS PLAN.
6. ALL PADS OR CURBS FOR FOODSERVICE EQUIPMENT AND/OR ROOF-MOUNTED COMPRESSOR RACKS PER MANUFACTURER'S INSTRUCTIONS AND/OR DETAILS SHOWN IN THIS DOCUMENT SET.
7. ALL HOLES OR SLEEVES THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS AS REQUIRED FOR THE INSTALLATION OF REFRIGERATION, DRINK, ELECTRICAL, OR PLUMBING LINES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING HOLES AND SLEEVES AFTER INSTALLATION OF THE LINES TO ENSURE A VERMIN-PROOF INSTALLATION.
8. WALL(S) AND CEILING, BEHIND, BELOW, AND AROUND TYPE 1 EXHAUST HOOD(S) SHALL CONFORM TO CURRENT N.F.P.A.- 96 AND ANY OTHER APPLICABLE CODE DEFINITION IN REGARD TO REQUIRED CLEARANCES TO COMBUSTIBLE, LIMITED, OR NON-COMBUSTIBLE MATERIALS. ARCHITECT, MECHANICAL ENGINEER, AND KEC TO VERIFY THAT PLANNED CLEARANCES CONFORM TO CODE PRIOR TO INSTALLATION OF EXHAUST CANOPY.
9. PROVIDE A TRANSIT-LEVEL FINISH BELOW THIS EQUIPMENT TO THE OUTER EDGE AS INDICATED IN PLAN.
10. ALL CONDUITS AND ROUTING OF CONDUITS FOR REMOTE REFRIGERATION LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CONDUITS THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH KITCHEN EQUIPMENT CONTRACTOR.
11. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BEVERAGE LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASES THROUGH BUILDING. CONDUITS/CHASES SHALL HAVE A SMOOTH INTERIOR FINISH AND MUST BE SEALED WATER-TIGHT. A MINIMUM RADIUS OF 30" (762 MM) AT ALL BENDS WITH SWEEPS WIDENING AS DIAMETER WIDENS (45-DEGREE JOINTS ARE NOT ALLOWED). AN ACCESSIBLE PULL BOX/PULL SLEEVE MAY BE REQUIRED IF OVER 75'-0" (23M) (VERIFY WITH OWNER/OPERATOR'S PURVEYOR) OR WHERE LOCATED IN FLOORS OR CONCEALED SPACES. THE TOTAL OF ALL BENDS BETWEEN PULL BOXES NOT TO EXCEED 180 DEGREES. STUB CONDUIT ENDS OUT 4" (100MM) FROM WALLS, CEILING, OR FINISHED FLOORS. RECOMMENDED CONDUIT SIZE IS 8" (200MM) DIAMETER FOR BEER, 6" (150MM) DIAMETER MINIMUM FOR OTHER BEVERAGES. SCHEDULE 40 PVC IS STANDARD FOR UNDER-SLAB APPLICATIONS, BUT METAL MAY BE REQUIRED ABOVE GRADE AND WITHIN CEILING PLENUMS. GENERAL CONTRACTOR TO VERIFY MATERIAL TYPE WITH LOCAL CODES AND REGULATIONS. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION. WHERE BEVERAGE CONDUITS ARE REQUIRED TO RUN EXTERIOR OR OUTSIDE OF A TEMPERATURE-CONTROLLED SPACE, THEY SHALL BE INSTALLED IN A WEATHER-PROOF AND TEMPERATURE-RESISTANT MANNER.
12. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BULK CO2 TANK LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASE THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH OWNER/OPERATOR'S LOCAL GAS (CO2) COMPANY. EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M) FROM DELIVERY TRUCK. TOTAL LINE RUN FROM BULK CO2 TANK TO EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M). PROVIDE CO2 DETECTOR AT THE BULK CO2. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION.

M-D. ADDITIONAL NOTES

1. RUN REFRIGERATION LINES TO REMOTE REFRIGERATION SYSTEM AS INDICATED ON THE EQUIPMENT SCHEDULE. KEC TO FURNISH FIELD-COORDINATED REFRIGERATIONS RUN LINE DRAWINGS.
2. REMOTE REFRIGERATION SYSTEM ON WALK-IN BOX. KEC TO PROVIDE STRUCTURAL SUPPORT FOR WEIGHT AND FOR MAINTENANCE. ARCHITECT TO PROVIDE ADEQUATE ACCESS FOR MAINTENANCE.
3. CEILING MOUNTED EQUIPMENT SHALL BE FULLY SUPPORTED FROM STRUCTURAL CEILING ABOVE, AND PROVIDE ANTI-SWAY BRACING WELDED TO VERTICAL SUPPORTS. ADDITIONAL STRUCTURAL SUPPORT ABOVE CEILING TO BE PROVIDED BY GC FOR CEILING HUNG EQUIPMENT. KEC TO COORDINATE WITH GC.
4. KEC TO PROVIDE STAINLESS-STEEL CHANNEL BASE WHERE CALLED OUT. CHANNEL BASE FILLED WITH LIGHT WEIGHT CONCRETE, BY GC.

BC&V Symbol Legend

- FLOOR DEPRESSION
- MASONRY PAD
- TRANSIT - LEVEL FINISH
- NON-COMBUSTIBLE WALL & CEILING MATERIAL (VERIFY REQUIREMENTS with LOCAL CODES)
- FINISHED WALL OPENING
- WALL BACKING
- SUPPLY DUCT
- EXHAUST DUCT
- DIRECT CONNECT FLUE
- AIR MOVEMENT / HEAT REMOVAL
- BEVERAGE CONDUIT
- REFRIGERATION LINE CONNECTION
- R ITEM# — TAG INDICATING REMOTE REFRIGERATION LINE
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO GABRIEL QUIROZ — 022313 — STATE OF NEW YORK

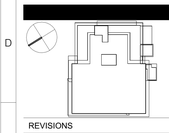
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



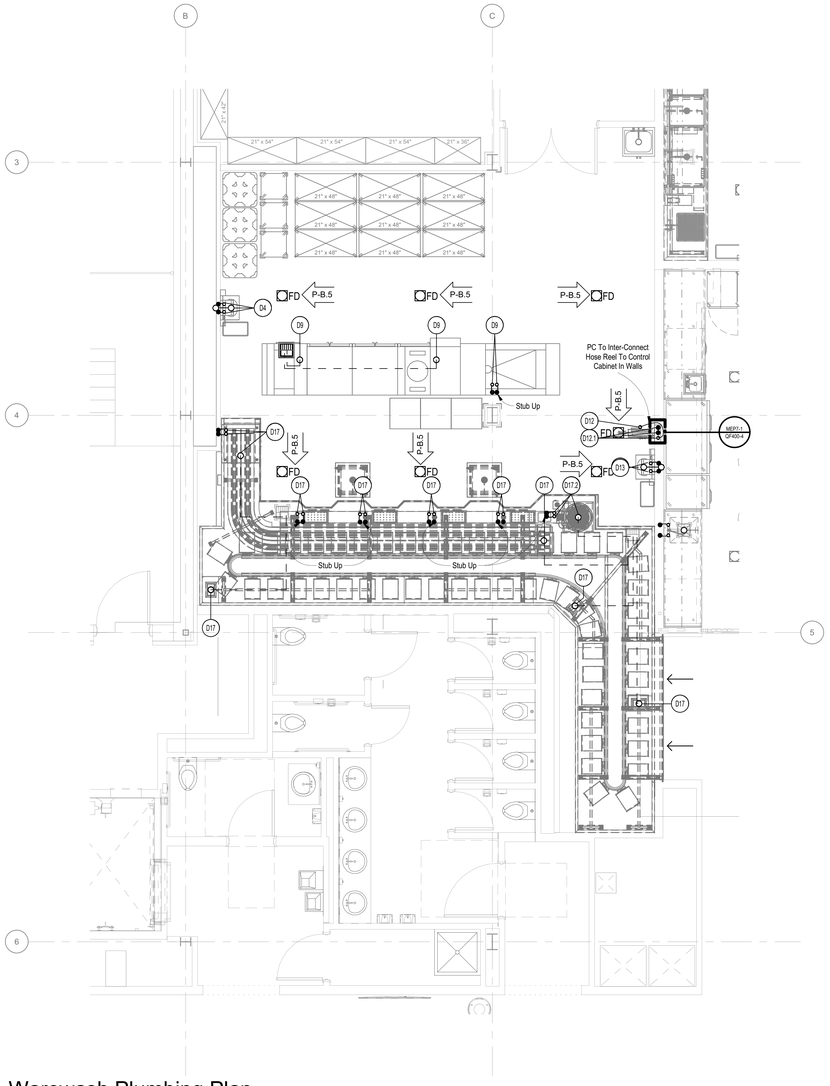
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Building Conditions & Ventilation (D)
SHEET NUMBER: QF403-3

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Warewash Plumbing Plan

SCALE: 1/4" = 1'-0"

PLUMBING NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

P-A. GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL PLUMBING WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL/ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. GENERAL CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.

P-B. PLUMBING NOTES

PLUMBING ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT AND SHALL PROVIDE THE FOLLOWING.

1. DRAIN-LINES, FITTINGS, VALVES, AND ALL PLUMBING COMPONENTS SERVICING FOODSERVICE EQUIPMENT SHALL BE CAPABLE TO WITHSTAND HOT WATER TEMPERATURES MORE THAN 140-200 DEGREES FAHRENHEIT, DRAIN TEMPERATURES OF 130 DEGREES FAHRENHEIT TO BOILING (SOMETIMES UNDER PRESSURE), AND STEAM (IF APPLICABLE) TEMPERATURES AS PER DESIGN PRESSURES. PROVIDE MINIMUM 6'-0" (1.8M) LENGTH CAST IRON PIPING FROM FLOOR SINKS TO WITHSTAND HOT WATER TEMPERATURES.
2. PRESSURE-REDUCING OR REGULATING VALVES, FAUCETS AND WATER INLETS, IN-LINE WATER FILTERS, VACUUM BREAKERS, BACKFLOW PREVENTION DEVICES, REDUCED PRESSURE ZONE BACKFLOR PREVENTORS, ANTI-SCALD VALVES, STAINLESS STEEL DOUBLE CHECK VALVES FOR SODA SYSTEM, ETC. NOT OTHERWISE SUPPLIED TO FOODSERVICE EQUIPMENT AS REQUIRED BY LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS.
3. WASTE LINES, DIRECT AND INDIRECT, TO BE PITCHED DOWNWARD AND TO HAVE ADEQUATE CLEAN-OUT PROVISIONS PER CODE.
4. FLOOR SINKS SHOULD BE SPECIFIED AND INSTALLED WITH TOP GRATES AND REMOVABLE SEDIMENT BUCKET INCLUDED. FLOOR SINK TOP TO BE SET FLUSH WITH FINISHED FLOOR UNLESS DIRECTED OTHERWISE BY LOCAL CODE. PROVIDE ACID-RESISTANT FLOOR SINKS FOR EQUIPMENT THAT DISCHARGES CO2 (I.E. SODA AND WATER DISPENSERS). VERIFY COMPLIANCE WITH LOCAL CODES AND REGULATIONS.
5. AREA FLOOR DRAINS IN QUANTITY AND PROPOSED LOCATION AS COORDINATED WITH OWNER/OPERATOR. SLOPE FLOORS TO AREA DRAINS AT MINIMUM OF 1/16" (.40MM) PER FOOT (304MM) WITHIN A 6' (1.8M) RADIUS OR PER LOCAL CODE.
6. GREASE TRAPS, INCLUDING SIZING, AS REQUIRED. INSTALL GREASE TRAPS OUTSIDE OF BUILDING WHENEVER POSSIBLE. INSTALLATION WITHIN THE BUILDING MUST COMPLY WITH LOCAL CODES AND REGULATIONS. NOTIFY RICCA DESIGN STUDIOS WHEN INSTALLATION MUST BE WITHIN ANY KITCHEN AREAS OR FOODSERVICE ZONES.
7. PROVIDE AND INSTALL INDIRECT DRAIN LINE FROM WALK-IN OR ROOM COOLING EVAPORATOR COILS TO ASSIGNED FLOOR SINK. DRAIN LINES TO BE P-TRAPPED AT EJECTION POINT OUTSIDE OF COLD ZONE. DRAIN LINES WITHIN FREEZER CAVITIES TO BE INSULATED AND WRAPPED WITH HEAT TAPE PROVIDED BY E.C.

8. NOTES CONCERNING PLUMBING ROUGH-INS:
   - A. FURNISH AND INSTALL ALL WATER, WASTE, GAS, AND STEAM LINES AND SIZE SERVICE LINES TO PROVIDE FULL-FLOW VOLUME FOR ALL EQUIPMENT SUPPLIED BY RESPECTIVE MAINS AND BRANCHES. PROVIDE BRASS BALL VALVE (MINIMUM) STOP VALVES AND TAG ROUGH-INS WITH THE APPROPRIATE IDENTIFYING LABELS. SERVICE LINES STUBBED OUT OF WALLS, UP FROM FINISHED FLOORS, OR A CONCRETE CURB A MINIMUM OF 2" (50MM). VENT PIPES MUST BE CONCEALED IN WALLS OR COLUMN CHASE. USE A LOOP-VENT OR AIR GAP ASSEMBLY FOR ISLAND FIXTURES. ALL FLOOR PENETRATIONS MUST BE SEALED WATERTIGHT.
   - B. WASTE LINES SHOWN ARE DESIGNED TO COMPLY WITH THE BEST KNOWN AND GENERALLY-ACCEPTED HEALTH AND SANITARY CONDITIONS AND CODES. PLUMB LINES TO ENSURE NO INTERFERENCE WITH THE INTENDED USE OR SERVICING OF FOODSERVICE EQUIPMENT. RUN LINES BELOW EQUIPMENT AT THE HIGHEST POSSIBLE ELEVATION ABOVE FINISHED FLOOR. NO LINES ARE TO LAY ON OR BE SECURED TO THE FLOOR. FIELD-CUTTING OF ANY FOODSERVICE EQUIPMENT TO MAKE WAY FOR WASTE LINES WITHOUT CONSENT OF KITCHEN EQUIPMENT CONTRACTOR IS PROHIBITED.
   - C. SUPPLY 140-DEGREE FAHRENHEIT HOT WATER TO ALL WAREWASHING EQUIPMENT AND 120-DEGREE FAHRENHEIT HOT WATER TO ALL OTHER EQUIPMENT UNLESS OTHERWISE INSTRUCTED BY CODE. INSULATE WATER AND STEAM LINES (IF REQUIRED) TO CONFORM WITH ACCEPTED PRACTICE. EXPOSED PIPES AND FITTINGS ABOVE A WORKING HEIGHT OF 34" (863MM) ABOVE FINISHED FLOOR SHALL BE CHROME-PLATED OR COVERED WITH A STAINLESS-STEELSLEEVE.
   - D. SIZE FUEL GAS SERVICE LINES TO PROVIDE THE REQUIRED BTU RATING INDICATED FOR SPECIFIED GAS-FIRED EQUIPMENT AT A LOW PRESSURE OF APPROXIMATELY 7" TO 9" WATER COLUMN. EACH PIECE OF GAS-FIRED COOKING EQUIPMENT SHALL BE FURNISHED WITH A PROPERLY-SIZED GAS REGULATOR WITH VENT LIMITING DEVICE. GAS REGULARIOR SHALL BE PROVIDED BY PLUMBING ENGINEER IF NOT PROVIDED BY KEC. INSTALL AUTOMATIC MECHANICAL SHUT-OFF VALVES - FURNISHED BY FIRE SUPPRESSION CONTRACTOR - IN GAS SUPPLY LINES TO EQUIPMENT UNDER EXHAUST HOOD ASSEMBLIES.
   - E. PROVIDE CHILLED WATER (OR CONDENSER WATER) TO AND FROM COMPRESSOR FROM COOLING TOWER (OR BUILDING'S CONDENSER SYSTEM) AS SHOWN. PROVIDE RICCA DESIGN STUDIOS WITH CHILLED WATER TEMPERATURE TO PROPERLY ENGINEER REFRIGERATION EQUIPMENT. CHILLED WATER PRESSURE SHALL BE PROVIDED AT NO GREATER THAN 150 PSI.

9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - A. ALL WATER, GAS, AND STEAM (WHERE APPLICABLE) SERVICES FOR PORTABLE AND COUNTERTOP EQUIPMENT MUST BE CONNECTED TO THE EQUIPMENT WITH A COMMERCIAL TYPE FLEXIBLE HOSE AND QUICK DISCONNECT FITTINGS TO MEET A.G.A. APPROVAL FOR COMMERCIAL KITCHEN EQUIPMENT.
   - B. WATER PROVIDED FOR STEAM-PRODUCING EQUIPMENT MUST HAVE A WATER HARDNESS NO GREATER THAN 2.0 GRAINS AND A PH LEVEL BETWEEN 7.0 AND 7.5.
   - C. WATER USED FOR COOLING WATER TO CONDENSING UNITS OR COMPRESSORS MUST BE TREATED TO INHIBIT THE FORMATION OF DEPOSITS IN THE CONDENSING TUBES.
   - D. STEAM (WHERE APPLICABLE) THAT COMES IN DIRECT CONTACT WITH FOOD, FOOD HOLDING EQUIPMENT, OR WAREWASHING EQUIPMENT MUST BE POTABLE STEAM.
   - E. INTERRIPE HOT WATER SUPPLY LINES BETWEEN BOOSTER HEATER AND WAREWASHING EQUIPMENT WHEN SPECIFIED SEPARATELY. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN.
   - F. INTERRIPE WATER LINES BETWEEN WATER WASH VENTILATOR ASSEMBLIES AND CONTROL PANELS. SUPPLY A MINIMUM OF 140-DEGREE FAHRENHEIT HOT WATER AT CONTROL PANEL. LINES SHALL BE INSULATED THE LENGTH OF THE LINE-RUN. REFER TO MANUFACTURER DRAWINGS FOR EXACT REQUIREMENTS.
   - G. INTERRIPE CENTRALIZED WASTE GREASE PLUMBING LINE FROM PUMPING/COLLECTION STATION TO GREASE WASTE COLLECTION TANK IN PITCHED MANNER PER MANUFACTURER'S DIRECTION. PROVIDE HEAT TRACE CABLE/TAPE ON LINE-RUN WHERE AMBIENT AIR TEMPERATURE ALONG LINE- RUN IS BELOW 70 DEGRESS FAHRENHEIT. HEAT TRACE CABLE/TAPE SHALL BE PROVIDED BY E.C.
   - H. WASTE CONNECTIONS FOR INDIVIDUAL SECTIONS OF WATER WASH VENTILATORS TO A MAIN DRAIN CONNECTION. REFER TO MANUFACTURER'S DRAWINGS FOR EXACT REQUIREMENTS.
   - I. INSTALL IN-LINE WATER FILTERS AS WELL AS INCOMING AND OUTGOING LINES AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.
   - J. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTERS SHALL BE STAINLESS STEEL, NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS).

9. NOTES CONCERNING PLUMBING CONNECTIONS:
   - K. WATER PIPES BETWEEN THE BACKFLOW PREVENTER AND WATER FILTER, AND FROM CARBONATOR TO SODA DISPENSER, AT SODA SYSTEM CARBONATOR, SHALL BE STAINLESS STEEL - NOT COPPER OR ALLOYS CONTAINING COPPER (SUCH AS BRASS). DRAIN PIPE AT SODA DISPENSERS SHALL BE STAINLESS STEEL OR PLASTIC PIPE WASTE LINE UNTIL A POINT WHERE THE WASTE HAS BEEN DILUTED BY AN UPSTREAM FIXTURE.
   - L. INTERCONNECT FOOD WASTE SYSTEMS PER MANUFACTURER'S DRAWINGS.
   - M. EQUIPMENT THAT IS CONNECTED TO POTABLE WATER AND UTILIZES AUTOMATICALLY DISPENSED CHEMICALS FOR CLEANING SHALL HAVE AN ACCESSIBLE BACK FLOW PREVENTION DEVICE INSTALLED.
   - N. DRAIN LINES FROM ICE BINS ARE TO BE INSULATED THE ENTIRE LINE-RUN TO FLOOR SINK.

P-C. ADDITIONAL NOTES

Plumbing Symbol Legend

- HOT / COLD WATER — ROUGH-IN and CONNECTION
- DIRECT WASTE (DW) — ROUGH-IN and CONNECTION
- INDIRECT WASTE (IW)
- FUEL GAS — ROUGH-IN and CONNECTION
- STEAM SUPPLY — ROUGH-IN and CONNECTION
- STEAM CONDENSATE RETURN — ROUGH-IN and CONNECTION
- CS — COOLING WATER SUPPLY — ROUGH-IN and CONNECTION
- CR — COOLING WATER RETURN — ROUGH-IN and CONNECTION
- HOSE BIBB, HOT or COLD WATER
- HOSE BIBB, HOT and COLD WATER with MIXING VALVE and VACUUM BREAKER
- A — COMPRESSED AIR CONNECTION
- FS — FLOOR SINK AND GRATE
- FD — AREA FLOOR DRAIN
- FFD — FUNNEL FLOOR DRAIN
- AFF — ABOVE FINISHED FLOOR
- BFF — BELOW FINISHED FLOOR
- BTC — BRANCH TO CONNECTION
- DFA — DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO SAMUEL FERRARI — 022317 — STATE OF NEW YORK

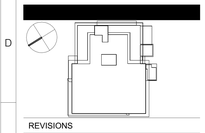
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



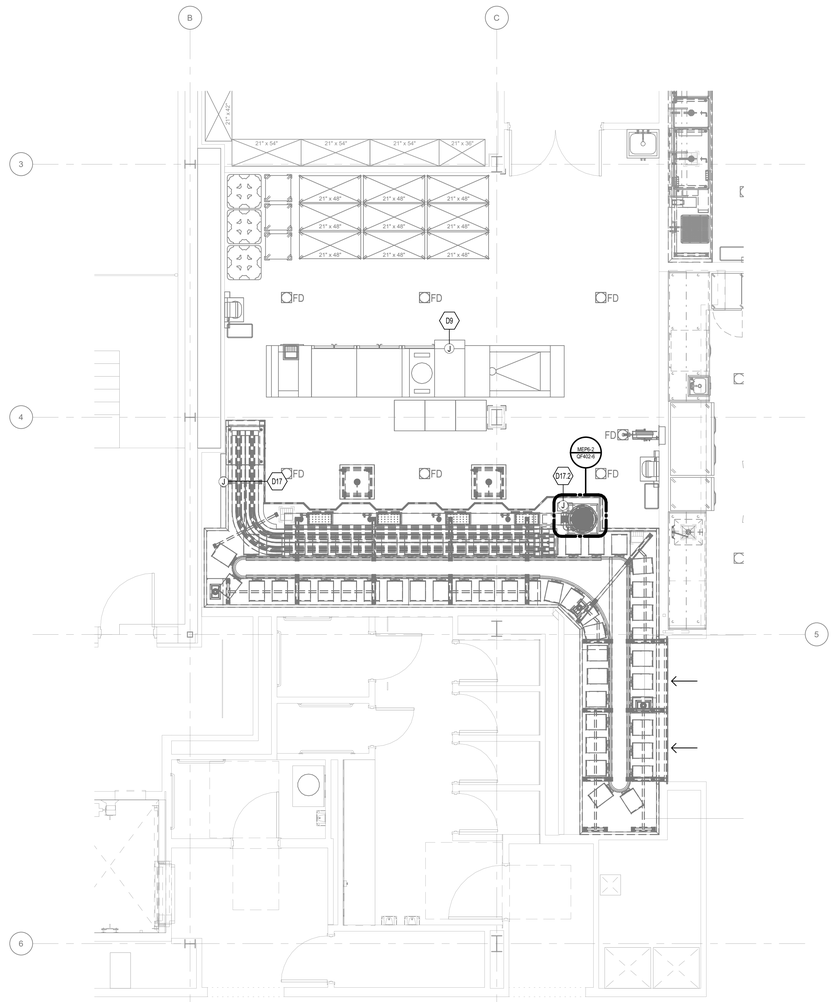
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Plumbing Plan (D)
SHEET NUMBER: QF403-4

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Warewash Electrical Plan

SCALE: 1/4" = 1'-0"

BUILDING CONDITIONS & VENTILATION NOTES

THE NOTES BELOW MAY APPLY TO ONE OR ALL DESIGN, CONSTRUCTION, OR CLOSE-OUT PHASES OF THIS PROJECT

M-A GENERAL NOTES

1. THE ASSIGNED KITCHEN EQUIPMENT CONTRACTOR SHALL PERFORM A THOROUGH PROJECT REVIEW OF ALL CURRENT CONTRACT DOCUMENTS THAT APPLY TO FOODSERVICE ZONES AND EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR SHALL GENERATE ENGINEERING INDEPENDENT OF THIS SHEET CONFORMING TO FIELD CONDITIONS WHERE REQUIRED AND MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT SPECIFIED AND THUS INTENDED TO BE PURCHASED AND SET-IN-PLACE.
2. ALL CONSTRUCTION AND MECHANICAL WORK SHOWN ON THIS PLAN MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING CURRENT INTERNATIONAL MECHANICAL CODE, AS THEY APPLY TO FOODSERVICE EQUIPMENT AND ZONES.
3. ALL WORK SERVICES, INTERCONNECTIONS, FIELD CONNECTIONS, AND FINAL CONNECTIONS INDICATED ON THIS PLAN SHALL BE COMPLETED BY CONTRACTORS OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS SPECIFICALLY ASSIGNED TO THE KITCHEN EQUIPMENT CONTRACTOR.
4. THIS PLAN IS INTENDED TO SHOW SPECIAL BUILDING AND VENTILATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS FOR SCOPE OUTSIDE OF FOODSERVICE EQUIPMENT.
5. THIS DRAWING IS ISSUED FOR DESIGN INTENT PURPOSES ONLY. REFER TO THE KITCHEN EQUIPMENT CONTRACTOR'S DIMENSIONED ROUGH-IN DRAWINGS AND APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR FOODSERVICE EQUIPMENT ON THIS PLAN.
6. ALL EQUIPMENT PROVIDED BY OTHERS -INCLUDING BY OWNER/OPERATOR/PURVEYOR- SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR TO VERIFY AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
7. EXISTING, TO-REMAIN-IN-PLACE, OR TO-BE-RELOCATED EQUIPMENT SHOWN ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. CONTACT OWNER/OPERATOR FOR INFORMATION, TECHNICAL DATA, AND SPECIFICATIONS FOR THIS EQUIPMENT. GENERAL CONTRACTOR AND KITCHEN EQUIPMENT CONTRACTOR TO VERIFY, DISCONNECT, AND MAKE FINAL ROUGH-IN CONNECTIONS AS REQUIRED.
8. RECOMMEND TO PROVIDE MINIMUM LIVE LOADS OF 150 LBS. PER SQUARE FOOT (68KG PER.09 SQUARE METERS). PROVIDE REINFORCED SLAB FOR ANY FOODSERVICE EQUIPMENT THAT MAY EXCEED 150 LBS. PER SQUARE FOOT, SUCH AS A LARGE COMPRESSOR RACK, LARGE DISH MACHINE, LARGE OVENS, ETC.
9. RECOMMENDED MINIMUM FINISHED CEILING HEIGHTS IN KITCHEN AREAS AND FOR SPECIFIC FOODSERVICE EQUIPMENT ARE AS FOLLOWS:
   - A. KITCHEN AREAS WITH EXHAUST HOODS 9'-0" (2.75M)
   - B. WALK-IN COOLER/FREEZER AREAS 9'-0" (2.75M)
   - C. GENERAL AREAS 9'-0" (2.75M)
   - D. ICE MACHINE AREAS 10'-6" (3.2M)
10. ADEQUATE SPACE IS NEEDED ABOVE THE FINISHED CEILINGS FOR MECHANICAL AND ELECTRICAL WORK, ESPECIALLY ABOVE EXHAUST HOODS AND WALK-IN COOLER/FREEZERS. NOTIFY RICCA DESIGN STUDIOS IF HEIGHTS ARE LESS THAN RECOMMENDED MINIMUMS.
    - A. WALK-IN COOLER/FREEZER CEILING PANELS REQUIRE ADDITIONAL 18" (457MM) CLEARANCE ABOVE FOR INSTALLATION
    - B. ICE MACHINES REQUIRE 24" (609 MM) CLEARANCE ABOVE FOR INSTALLATION
11. ALL FLOOR SINKS AND FLOOR TROUGHS TO BE SET FLUSH WITH FINISHED FLOOR - UNLESS OTHERWISE DIRECTED BY LOCAL CODE. ALL FLOOR TROUGHS SERVING FOODSERVICE EQUIPMENT WITH LIQUID VOLUME IN TILTING OR IN VALVED DUMPING MANNER SHALL BE PLACED IN A LOCATION DIRECTLY RELATED TO MANUFACTURER'S REQUIRED POUR-PATH FOR EQUIPMENT TO BE SET IN PLACE. KITCHEN EQUIPMENT CONTRACTOR AND GENERAL CONTRACTOR TO FIELD-VERIFY LOCATION IN RELATION TO REQUIRED POUR PATH, AND IN HEIGHT PER PITCH-TO-DRAIN REQUIRED.
12. THE MOUNTED HEIGHT FOR THE BOTTOM EDGE OF EXHAUST HOODS TO BE SET AT 6'-8" MINIMUM (2032MM) ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THE BOTTOM EDGE OF EXHAUST HOODS SHALL BE NO HIGHER THAN 7'-0" (2134MM) ABOVE FINISHED FLOOR.
13. MANUAL-PULL EXHAUST HOOD FIRE EVENT PULL STATION AND CONDUIT TO BE MOUNTED WITHIN WALL CAVITY AND SET TO 48" ABOVE FINISHED FLOOR (1220MM) AT CENTER. CONDUIT TO TERMINATE PER MANUFACTURER'S DRAWINGS. KITCHEN EQUIPMENT CONTRACTOR AND MECHANICAL CONTRACTOR TO VERIFY LOCATION WITH APPLICABLE FIRE CODE OFFICIALS PRIOR TO INSTALLATION.
14. GENERAL CONTRACTOR TO CONFIRM FOLLOWING IS COMPLETED PRIOR TO THE FOODSERVICE EQUIPMENT DELIVERY AND SET-IN-PLACE:
    - A. THE WALLS AND CEILINGS ARE INSTALLED AND FINISHED. WALLS AND CEILINGS MUST BE SMOOTH, EASILY CLEANABLE, NON -ABSORBENT, DURABLE, WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS.
    - B. THE FLOORING IS INSTALLED AND WASHED CLEAN. FLOORS MUST BE NON-SLIP, EASILY CLEANABLE, NON-POROUS, NON-ABSORBENT, AND DURABLE WITH FINISHES APPROVED BY LOCAL HEALTH CODE OFFICIALS. ALL VERTICAL INTERSECTIONS OF FLOORS-TO-WALLS SHALL HAVE COVED BASES INSTALLED.
    - C. CONFIRM IF A LOADING DOCK IS AVAILABLE.
    - D. COORDINATION WITH APPLICABLE TRADESPEOPLE FOR ANY DOOR/WINDOW OPENINGS AND/OR PASSAGEWAYS REQUIRED FOR THE DELIVERY OF FOODSERVICE EQUIPMENT.

M-B MECHANICAL NOTES

MECHANICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING APPLICABLE EQUIPMENT AND PROVIDING THE FOLLOWING CONDITIONS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAKING FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT PER BELOW INSTRUCTIONS.

1. ALL COOKING EXHAUST HOOD ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE I; ALL WARE WASHING ASSEMBLIES, DUCTING, COMPONENTS, ETC. SHALL BE TYPE II AS REQUIRED PER N.F.P.A. -96.
2. EXHAUST HOOD DUCT TRANSITIONS TO HOODS, FANS, MAKE-UP AIR UNITS, POLLUTION CONTROL UNITS, FIRE-RATED MATERIALS, COMPONENTS, ETC. MAKE ALL FINAL CONNECTIONS ON ALL HOODS.
3. BALANCED TEMPERED SUPPLY AIR AND EXHAUST AIR IN KITCHEN AREAS TO CONTAIN COOKING ODORS AND EFFLUENT AND PROVIDE A COMFORTABLE WORKING ENVIRONMENT. THESE ZONES SHALL BE DESIGNED FOR SLIGHTLY NEGATIVE PRESSURE PER CODE.
4. INDEPENDENT OF EXHAUST HOOD MAKE-UP AIR PLENUM DIFFUSERS AT A LOCATION MINIMUM 8'-0" (2.4M) (CASTING NO GREATER THAN 150 FPM VELOCITY) TO 15'-0" (4.6M) (CASTING NO GREATER THAN 300 FPM VELOCITY) AWAY FROM THE EXHAUST HOOD IN PLAN. 4-WAY CEILING DIFFUSERS SHALL NOT BE UTILIZED IN ANY COOKING ZONE WITHIN KITCHENS.
5. ALL EXHAUST DUCTWORK SEAMS AND JOINTS MUST BE FULLY-WELDED AND WATER/GREASE-TIGHT. ALL EXHAUST DUCTS MUST BE PITCHED PER CODES. ALUMINUM EXHAUST DUCTWORK SHALL NOT BE USED AS DUCTING MATERIAL.
6. ALL FIRE-RATED MATERIALS FOR EXHAUST HOODS, VENT DUCTS, VENT STACKS, AND HEAT-PRODUCING FOODSERVICE EQUIPMENT.
7. SWITCHES, CONTROLS FOR SUPPLY FANS AND EXHAUST FANS, DEMAND CONTROL VENTILATION SYSTEMS, AND HVAC COMPONENTS.
8. AUTOMATIC ACTIVATION OF THE EXHAUST HOOD(S) WHENEVER COOKING OCCURS PER CURRENT INTERNATIONAL MECHANICAL CODE IS THE RESPONSIBILITY OF THE MECHANICAL ENGINEER OF RECORD. VERIFY SPECIFIC REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
9. ENSURE THAT ENTIRE KITCHEN EXHAUST SYSTEM FROM EXHAUST HOOD CANOPY TO FAN IS ASHRAE 90.1 SECTION 5.6.7-COMPLIANT PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN AND WHERE APPLICABLE. WHERE DEMAND CONTROL VENTILATION IS PLANNED, MECHANICAL ENGINEER TO VERIFY THAT VOLUME DAMPERS AND PEAK-DEMAND LIMITERS IN SIZE AND IN LOCATION ARE PLANNED AND CONTROLLED TO PROVIDE A FULLY -FUNCTIONAL SYSTEM AT TIME OF COMMISSIONING AND TURN-OVER.
10. ADDITIONAL AIR CHANGES/HEAT REMOVAL FOR AIR-COOLED AND FOR WATER-COOLED CONDENSING UNITS AND ICE MACHINES SHALL BE SUPPLIED PER MANUFACTURER'S RECOMMENDATIONS.
11. AT LEAST 1.5 TIMES ADDITIONAL VS STANDARD ROOM AIR CHANGES SHALL BE PLANNED WITHIN WARE WASHING ROOMS/ZONES.
12. WHERE DIRECT EXHAUST VENTING IS PERMITTED, PROVIDE A DOUBLE-WALLED GAS CHIMNEY TO THE ATMOSPHERE AS ALLOWED/REQUIRED BY LOCAL CODE. ANY FLUE OF EXCESSIVE LENGTH WITH BENDS OR OTHER RESTRICTIONS SHALL BE PROVIDED WITH A BOOSTER EXHAUST FAN INTERWIRED TO OPERATE WITH THE EQUIPMENT SERVED. BOOSTER FAN SHALL PROVIDE 0" S.P. AT CONNECTION TO EQUIPMENT.

M-C GENERAL CONTRACTOR NOTES

THE ARCHITECT IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING.

1. THE IN-WALL REINFORCING OR WALL BACKING FOR ALL WALL-MOUNTED AND RECESSED FOODSERVICE EQUIPMENT AND CONTROL PANELS.
2. TROUGH DIMENSIONS AND LOCATIONS ON THIS PLAN ARE FOR USE IN SLAB BLOCK-OUT PLANNING IF REQUIRED BY CONSTRUCTION SCHEDULE. FINAL SIZE AND LOCATION TO BE PROVIDED BY KEC WITHIN ISSUED SUBMITTALS.
3. REFER TO MANUFACTURER'S DRAWINGS SHEET SERIES FOR NECESSARY FLOOR CONDITIONS - INCLUDING DEPTHS, FLOOR CONSTRUCTION, AND FINISHES. ALL SUB-SLAB, SLAB, OR DEPRESSIONS SHALL BE PROVIDED WITH A SMOOTH AND TRANSIT-LEVEL FINISH. ONCE EQUIPMENT IS SET IN PLACE, REMAINING DEPRESSION TO BE INFILLED WITH GROUT.
4. MANDATORY FOR ALL WALK-IN FREEZER COMPARTMENTS THAT MEASURE OVER 30'-0" (9.144M) IN BOTH LENGTH AND WIDTH: PROVIDE FREEZE PREVENTION BELOW THE INSULATED FLOOR SLAB ON GRADE. SUGGESTIONS ARE DRAINAGE/VENTING SYSTEM, HEAT TRACE SYSTEM, AND/OR REFRIGERATION HEAT GAIN GLYCOL SYSTEM.
5. ALL OPENINGS IN WALLS AS INDICATED ON THIS PLAN.
6. ALL PADS OR CURBS FOR FOODSERVICE EQUIPMENT AND/OR ROOF-MOUNTED COMPRESSOR RACKS PER MANUFACTURER'S INSTRUCTIONS AND/OR DETAILS SHOWN IN THIS DOCUMENT SET.
7. ALL HOLES OR SLEEVES THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS AS REQUIRED FOR THE INSTALLATION OF REFRIGERATION, DRINK, ELECTRICAL, OR PLUMBING LINES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING HOLES AND SLEEVES AFTER INSTALLATION OF THE LINES TO ENSURE A VERMIN-PROOF INSTALLATION.
8. WALL(S) AND CEILING, BEHIND, BELOW, AND AROUND TYPE 1 EXHAUST HOOD(S) SHALL CONFORM TO CURRENT N.F.P.A.- 96 AND ANY OTHER APPLICABLE CODE DEFINITION IN REGARD TO REQUIRED CLEARANCES TO COMBUSTIBLE, LIMITED, OR NON-COMBUSTIBLE MATERIALS. ARCHITECT, MECHANICAL ENGINEER, AND KEC TO VERIFY THAT PLANNED CLEARANCES CONFORM TO CODE PRIOR TO INSTALLATION OF EXHAUST CANOPY.
9. PROVIDE A TRANSIT-LEVEL FINISH BELOW THIS EQUIPMENT TO THE OUTER EDGE AS INDICATED IN PLAN.
10. ALL CONDUITS AND ROUTING OF CONDUITS FOR REMOTE REFRIGERATION LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CONDUITS THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH KITCHEN EQUIPMENT CONTRACTOR.
11. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BEVERAGE LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASES THROUGH BUILDING. CONDUITS/CHASES SHALL HAVE A SMOOTH INTERIOR FINISH AND MUST BE SEALED WATER-TIGHT. A MINIMUM RADIUS OF 30" (762 MM) AT ALL BENDS WITH SWEEPS WIDENING AS DIAMETER WIDENS (45-DEGREE JOINTS ARE NOT ALLOWED). AN ACCESSIBLE PULL BOX/PULL SLEEVE MAY BE REQUIRED IF OVER 75'-0" (23M) (VERIFY WITH OWNER/OPERATOR'S PURVEYOR) OR WHERE LOCATED IN FLOORS OR CONCEALED SPACES. THE TOTAL OF ALL BENDS BETWEEN PULL BOXES NOT TO EXCEED 180 DEGREES. STUB CONDUIT ENDS OUT 4" (100MM) FROM WALLS, CEILING, OR FINISHED FLOORS. RECOMMENDED CONDUIT SIZE IS 8" (200MM) DIAMETER FOR BEER, 6" (152MM) DIAMETER MINIMUM FOR OTHER BEVERAGES. SCHEDULE 40 PVC IS STANDARD FOR UNDER-SLAB APPLICATIONS, BUT METAL MAY BE REQUIRED ABOVE GRADE AND WITHIN CEILING PLENUMS. GENERAL CONTRACTOR TO VERIFY MATERIAL TYPE WITH LOCAL CODES AND REGULATIONS. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION. WHERE BEVERAGE CONDUITS ARE REQUIRED TO RUN EXTERIOR OR OUTSIDE OF A TEMPERATURE-CONTROLLED SPACE, THEY SHALL BE INSTALLED IN A WEATHER-PROOF AND TEMPERATURE-RESISTANT MANNER.
12. ALL CONDUITS/CHASES AND ROUTING OF CONDUITS/CHASES FOR BULK CO2 TANK LINES AS REQUIRED. ARCHITECT TO ASSIGN SCOPE AND SHOW ROUTING OF CHASE THROUGH BUILDING. CONDUITS SHALL HAVE A SMOOTH INTERIOR FINISH. VERIFY SIZES WITH OWNER/OPERATOR'S LOCAL GAS (CO2) COMPANY. EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M) FROM DELIVERY TRUCK. TOTAL LINE RUN FROM BULK CO2 TANK TO EXTERIOR FILL BOX CANNOT BE MORE THAN 50'-0" (15M). PROVIDE CO2 DETECTOR AT THE BULK CO2. CONDUIT CHASEWAYS SHALL BE SEALED WITH EXPANDING FOAM INSULATION AFTER INSTALLATION IS COMPLETE AND COVER TO A SMOOTH AND CLEANABLE CONDITION.

M-D ADDITIONAL NOTES

1. RUN REFRIGERATION LINES TO REMOTE REFRIGERATION SYSTEM AS INDICATED ON THE EQUIPMENT SCHEDULE. KEC TO FURNISH FIELD-COORDINATED REFRIGERATIONS RUN LINE DRAWINGS.
2. REMOTE REFRIGERATION SYSTEM ON WALK-IN BOX, KEC TO PROVIDE STRUCTURAL SUPPORT FOR WEIGHT AND FOR MAINTENANCE. ARCHITECT TO PROVIDE ADEQUATE ACCESS FOR MAINTENANCE.
3. CEILING MOUNTED EQUIPMENT SHALL BE FULLY SUPPORTED FROM STRUCTURAL CEILING ABOVE, AND PROVIDE ANTI-SWAY BRACING WELDED TO VERTICAL SUPPORTS. ADDITIONAL STRUCTURAL SUPPORT ABOVE CEILING TO BE PROVIDED BY GC FOR CEILING HUNG EQUIPMENT. KEC TO COORDINATE WITH GC.
4. KEC TO PROVIDE STAINLESS-STEEL CHANNEL BASE WHERE CALLED OUT. CHANNEL BASE FILLED WITH LIGHT WEIGHT CONCRETE, BY GC.

BC&V Symbol Legend

- FLOOR DEPRESSION
- MASONRY PAD
- TRANSIT - LEVEL FINISH
- NON-COMBUSTIBLE WALL & CEILING MATERIAL (VERIFY REQUIREMENTS with LOCAL CODES)
- FINISHED WALL OPENING
- WALL BACKING
- SUPPLY DUCT
- EXHAUST DUCT
- DIRECT CONNECT FLUE
- AIR MOVEMENT / HEAT REMOVAL
- BEVERAGE CONDUIT
- REFRIGERATION LINE CONNECTION
- TAG INDICATING REMOTE REFRIGERATION LINE (R / ITEM#)
- AFF ABOVE FINISHED FLOOR
- BFF BELOW FINISHED FLOOR
- DFA DOWN FROM ABOVE
- REFER to INDICATED NOTE

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL FUMERO 022317 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

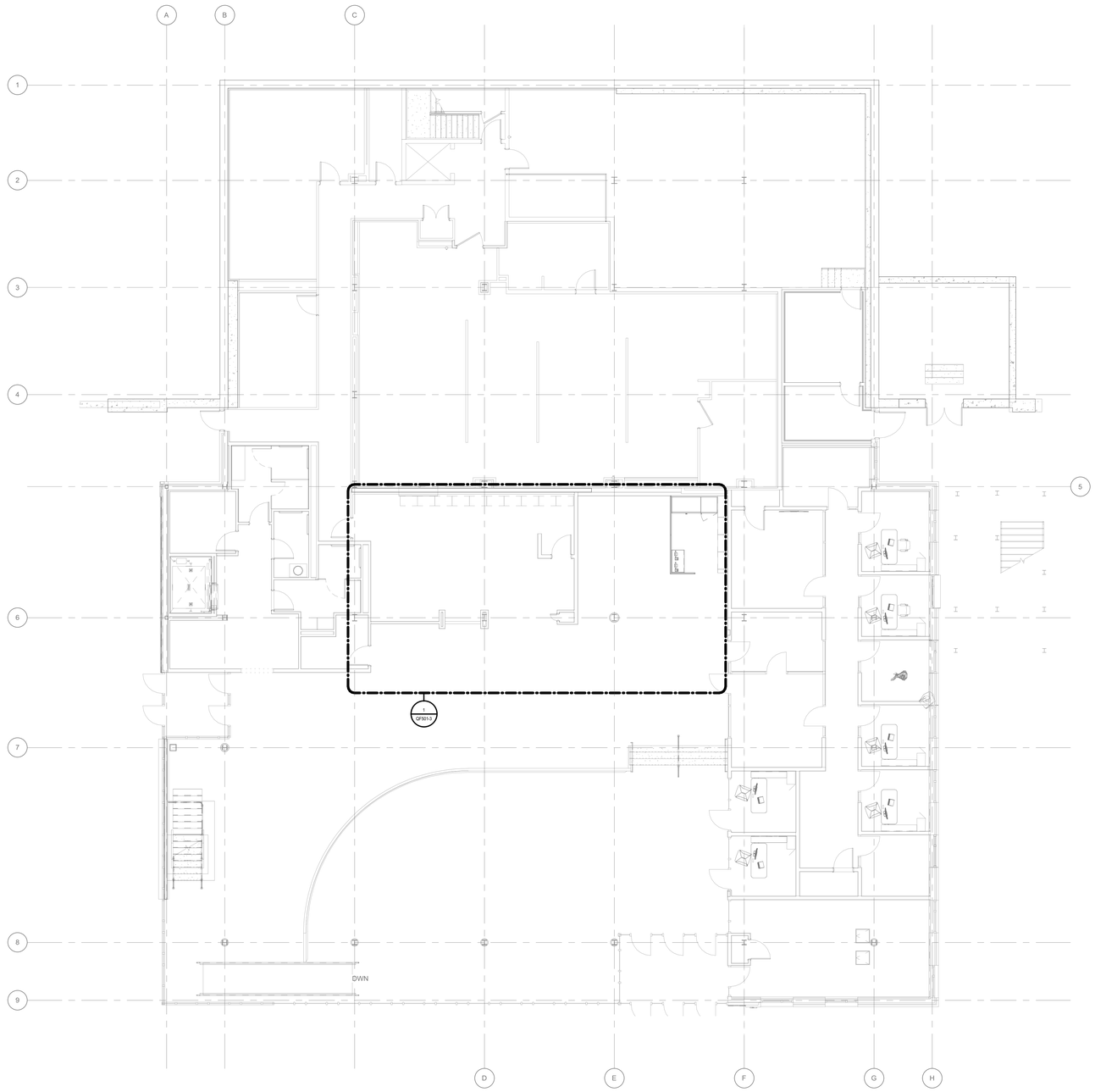
SCALE: As indicated

SHEET NAME:
Foodservice Electrical Plan (D)

SHEET NUMBER:
QF403-5

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Level 1 Elevation Key Plan
SCALE: 1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

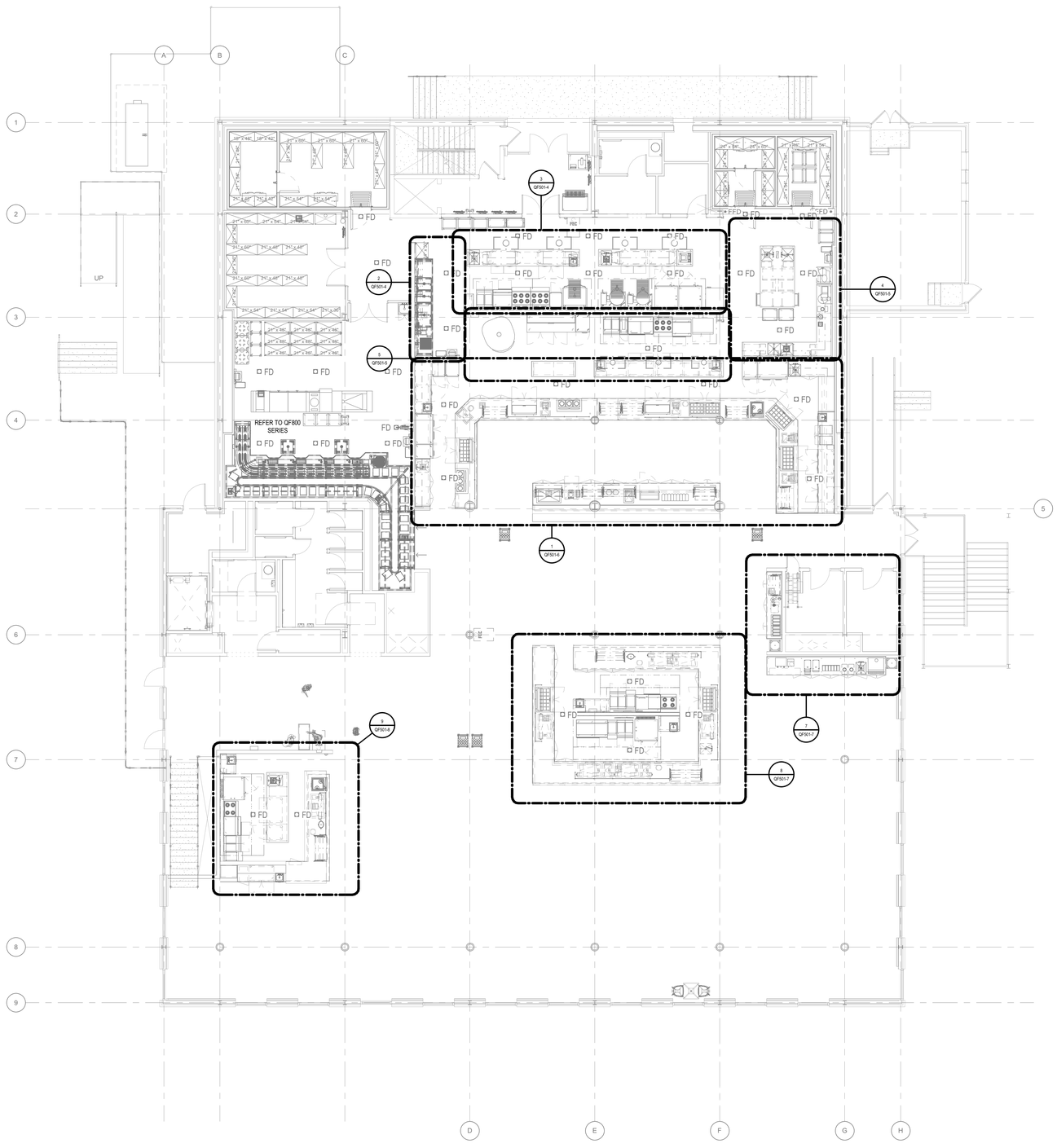
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
Foodservice Elevation Key Plan (A)
SHEET NUMBER:
QF501-1

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Level 2 Elevation Key Plan
SCALE: 1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIANA 023213 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

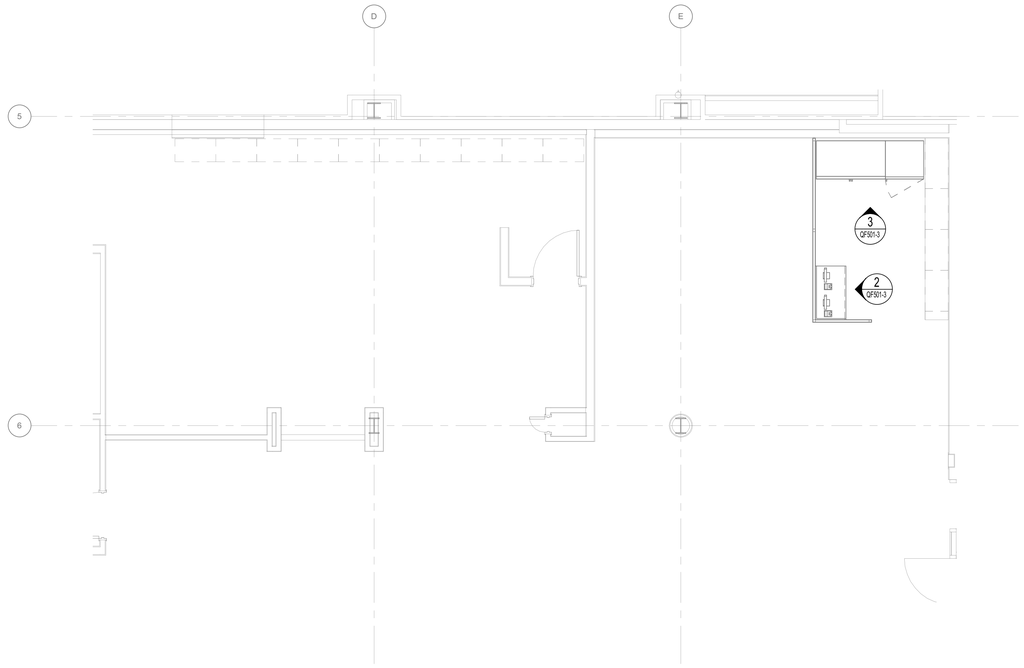
REVISIONS

No.	Description	Date

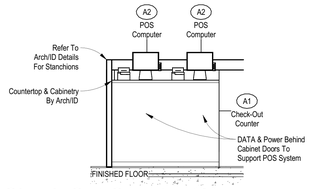
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
Foodservice Elevation Key Plan (B,C,D)
SHEET NUMBER:
QF501-2

BID SET

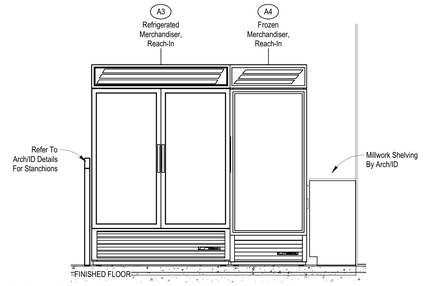
PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



2 Check Out Counter (A)
SCALE: 1/2" = 1'-0"



3 Merchandiser (A)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMANDO SAMUEL FUMERO
022313
STATE OF NEW YORK

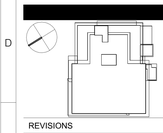
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



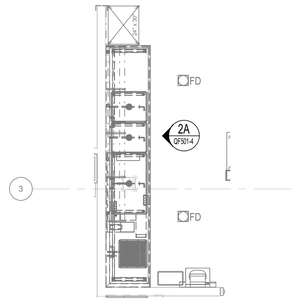
REVISIONS

No.	Description	Date

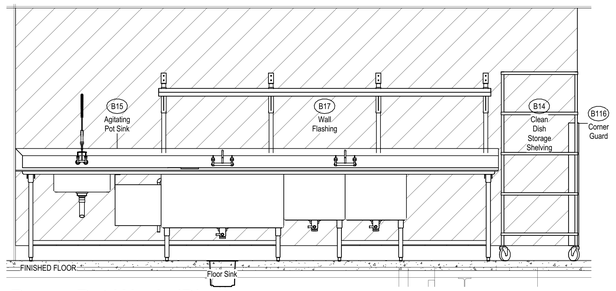
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (A)
SHEET NUMBER: QF501-3

BID SET

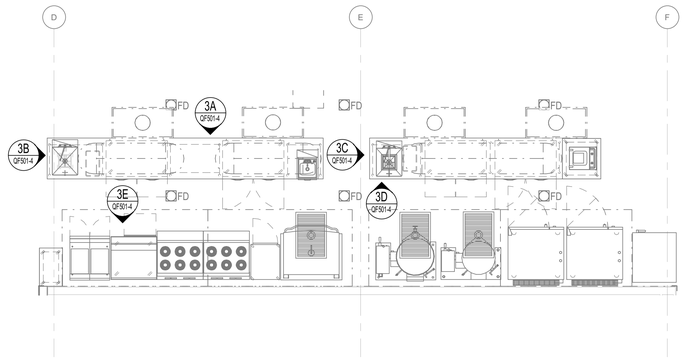
PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



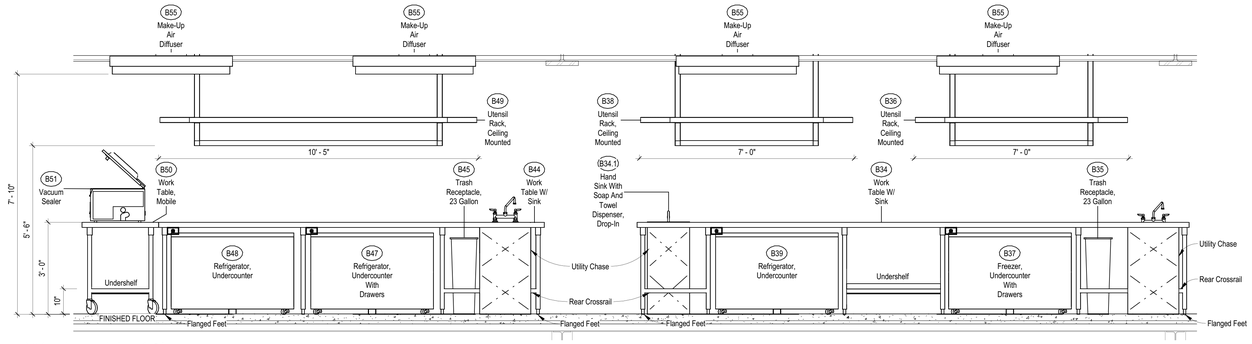
2 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



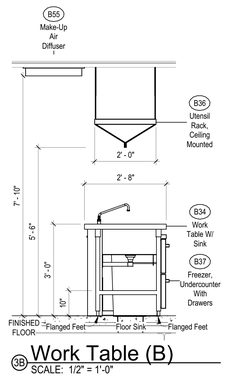
2A Power Pot Wash (B)
SCALE: 1/2" = 1'-0"



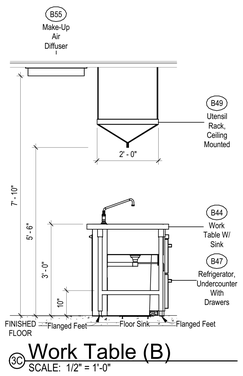
3 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



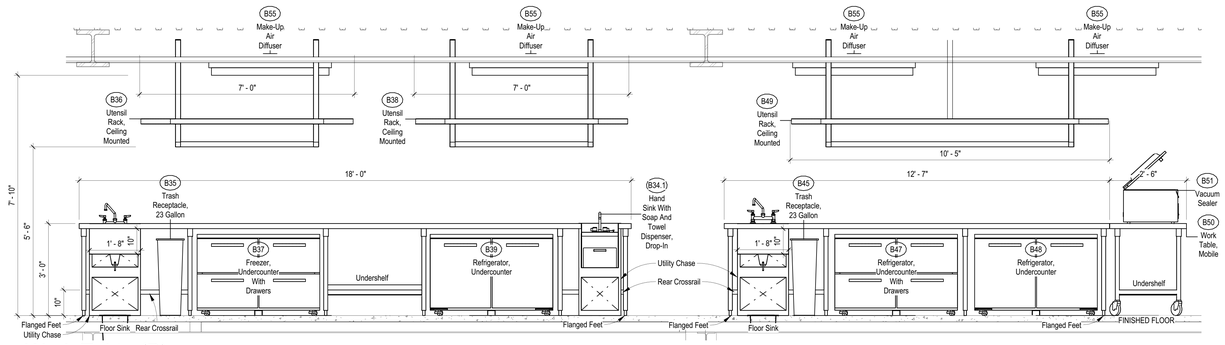
3A Work Table (B)
SCALE: 1/2" = 1'-0"



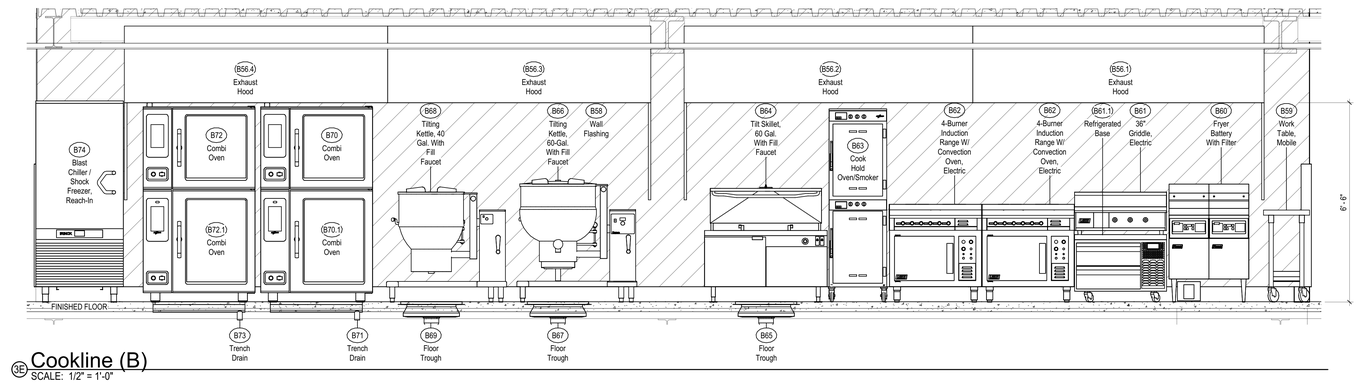
3B Work Table (B)
SCALE: 1/2" = 1'-0"



3C Work Table (B)
SCALE: 1/2" = 1'-0"



3D Work Table (B)
SCALE: 1/2" = 1'-0"



3E Cookline (B)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT
ARMANDO RAMIREZ DOMANN
022317
STATE OF NEW YORK

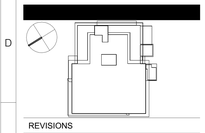
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



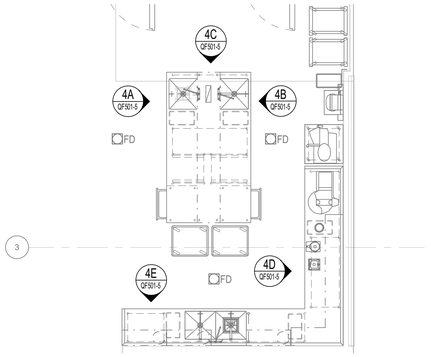
REVISIONS

No.	Description	Date

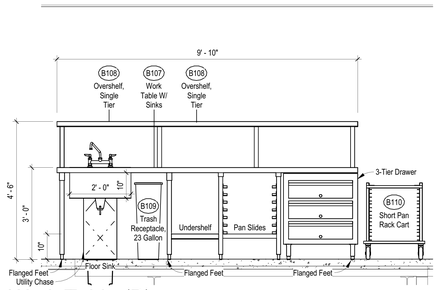
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (B)
SHEET NUMBER: QF501-4

BID SET

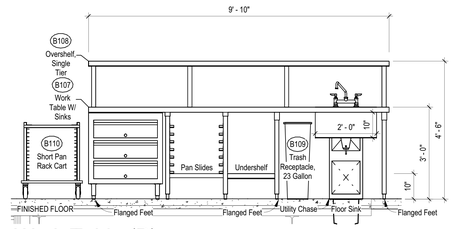
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



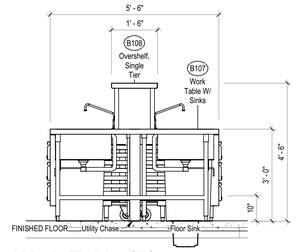
4 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



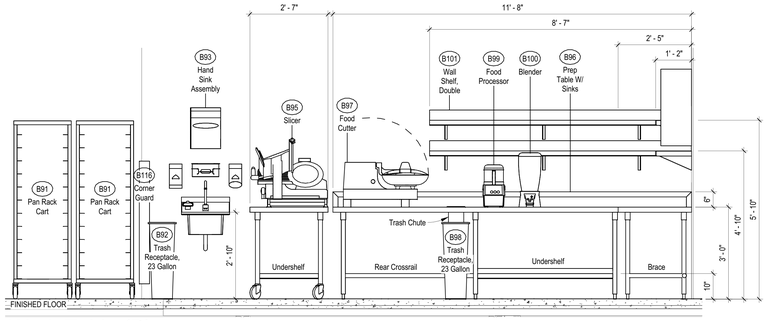
4A Work Table (B)
SCALE: 1/2" = 1'-0"



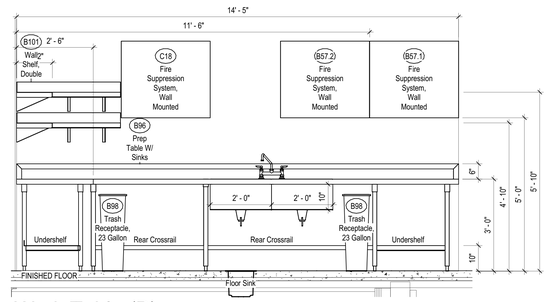
4B Work Table (B)
SCALE: 1/2" = 1'-0"



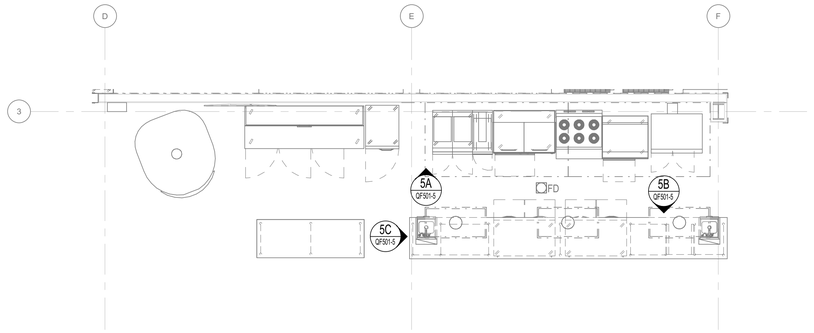
4C Work Table (B)
SCALE: 1/2" = 1'-0"



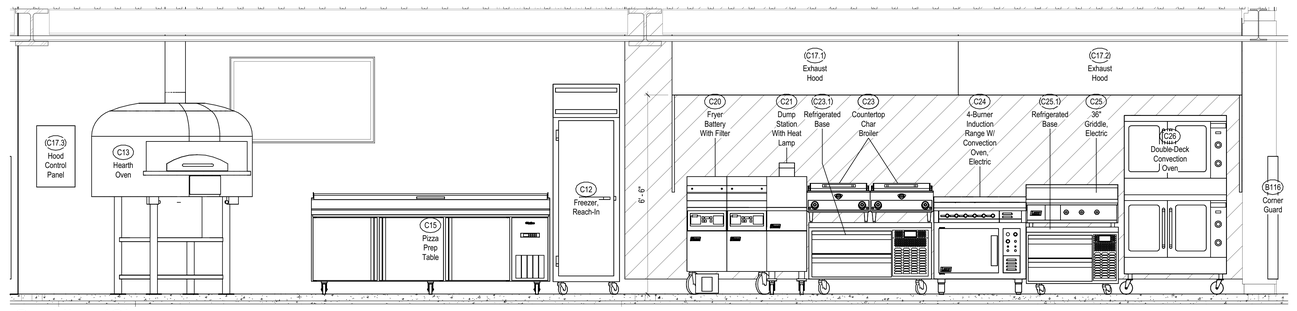
4D Work Table (B)
SCALE: 1/2" = 1'-0"



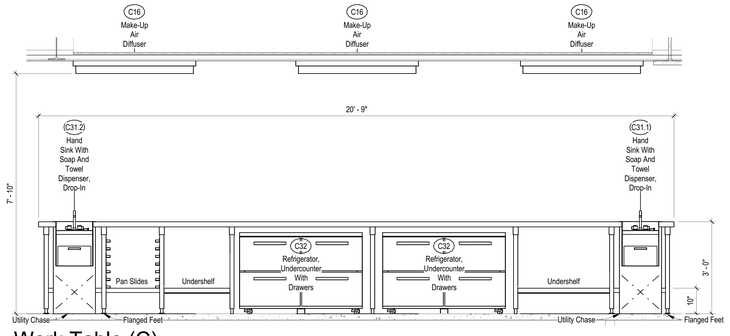
4E Work Table (B)
SCALE: 1/2" = 1'-0"



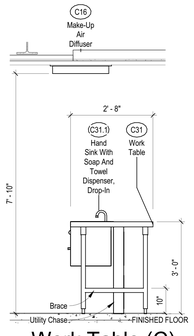
5 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



5A Cookline (C)
SCALE: 1/2" = 1'-0"



5B Work Table (C)
SCALE: 1/2" = 1'-0"



5C Work Table (C)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL D'AMORE 022317 STATE OF NEW YORK

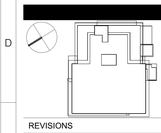
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



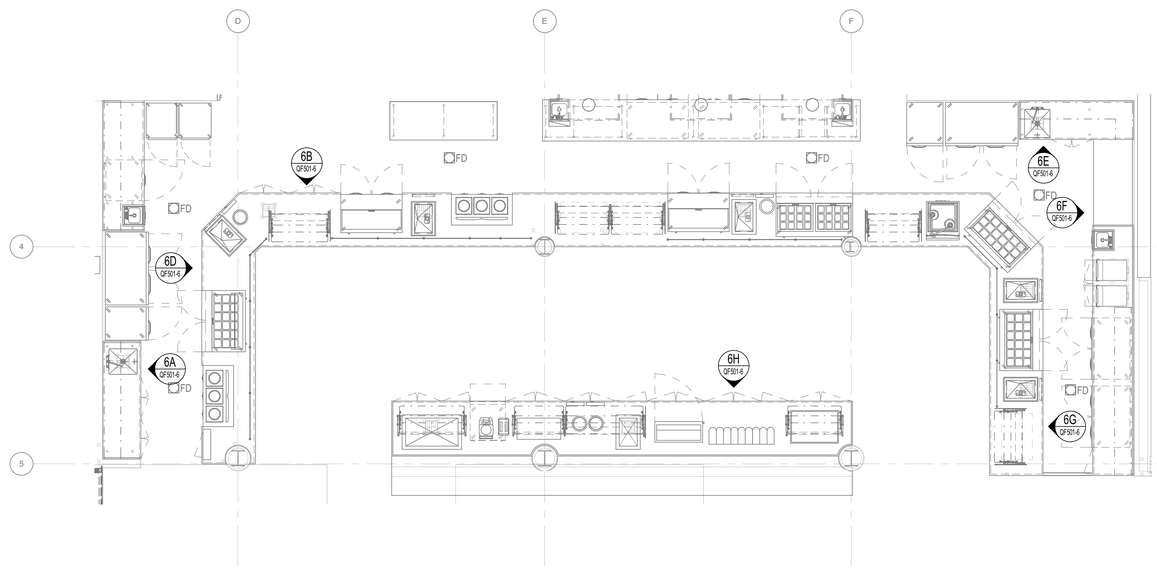
REVISIONS

No.	Description	Date

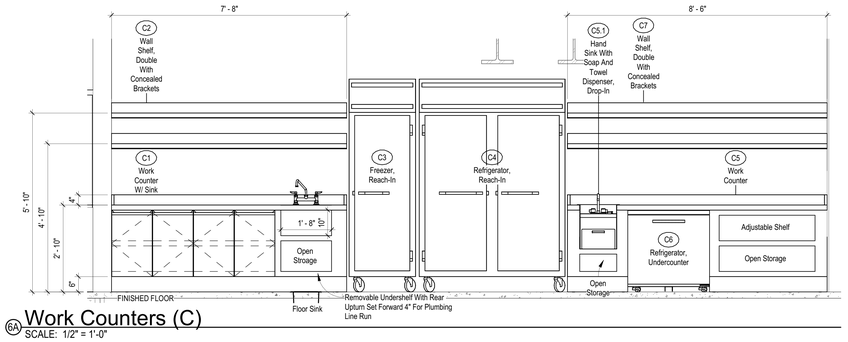
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (B,C)
SHEET NUMBER: QF501-5

BID SET

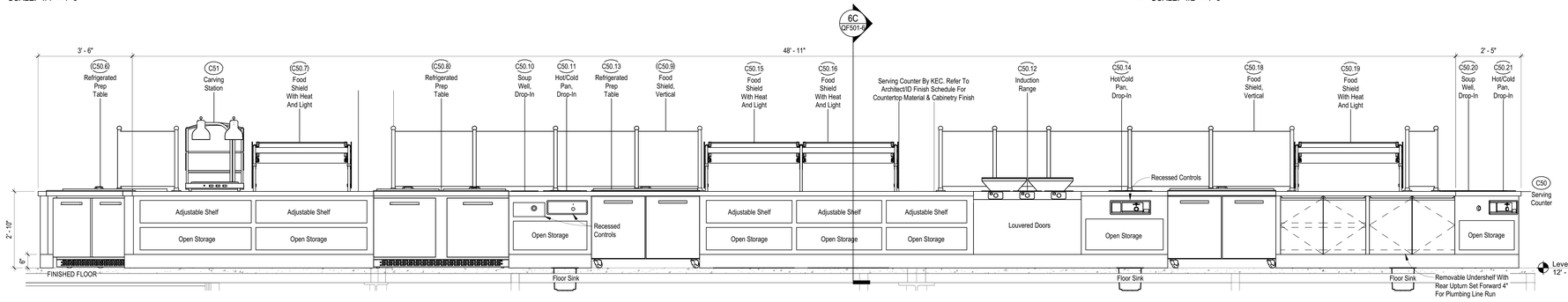
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



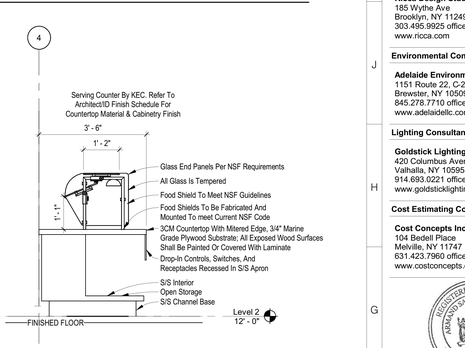
1 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



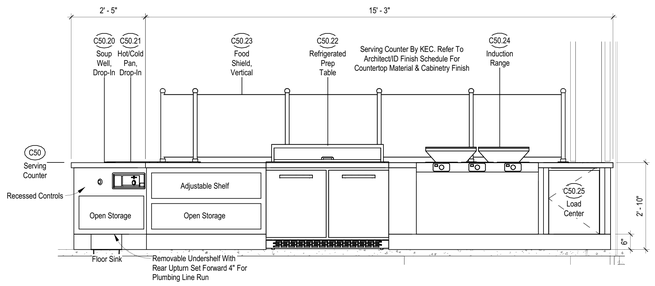
6A Work Counters (C)
SCALE: 1/2" = 1'-0"



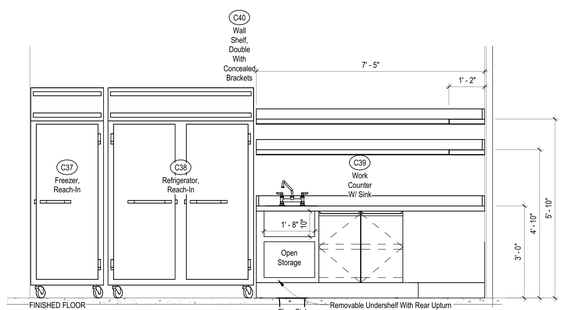
6B Serving Counter (C)
SCALE: 1/2" = 1'-0"



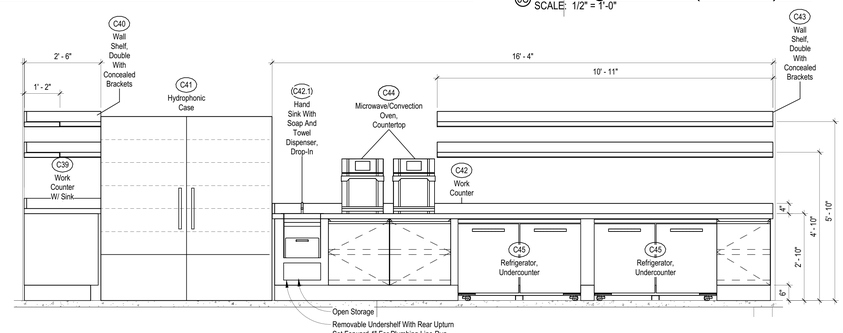
6C Serving Counter (Section)
SCALE: 1/2" = 1'-0"



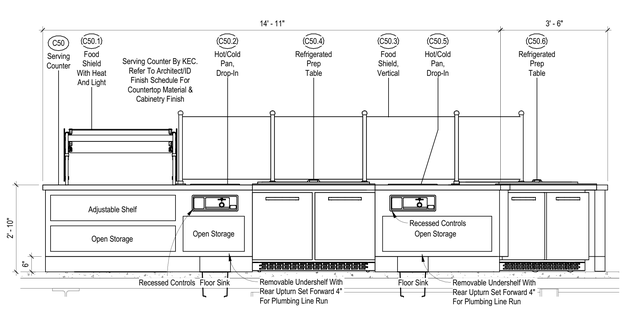
6D Serving Counter (C)
SCALE: 1/2" = 1'-0"



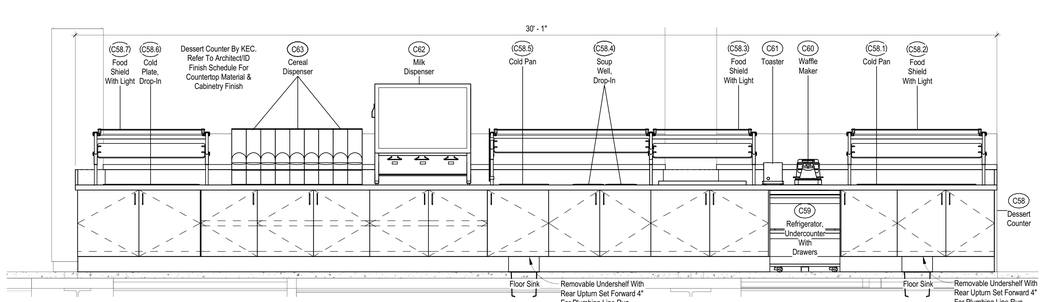
6E Prep Area (C)
SCALE: 1/2" = 1'-0"



6F Prep Area (C)
SCALE: 1/2" = 1'-0"



6G Serving Counter (C)
SCALE: 1/2" = 1'-0"



6H Desert Counter (C)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMOND SAMUEL QUADRINI 023213 STATE OF NEW YORK

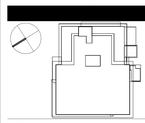
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



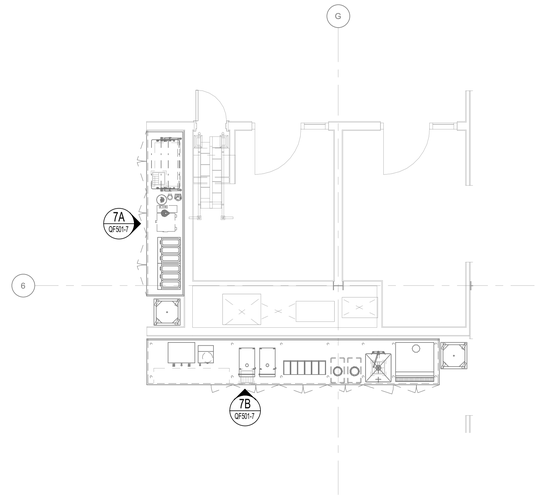
REVISIONS

No.	Description	Date

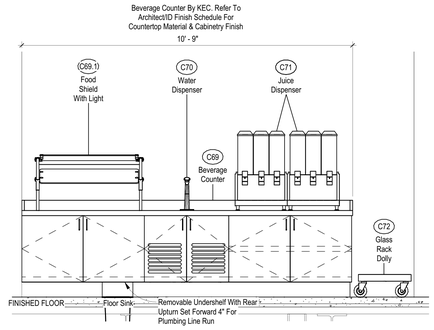
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (C)
SHEET NUMBER: QF501-6

BID SET

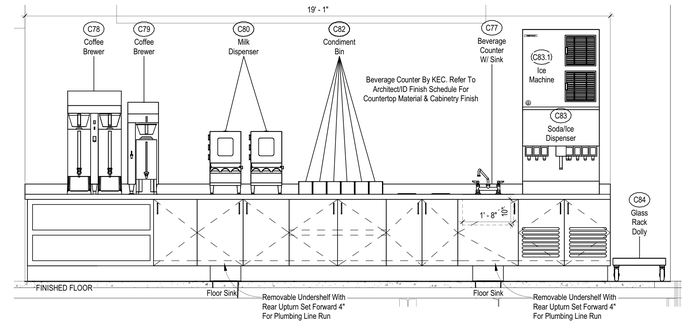
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



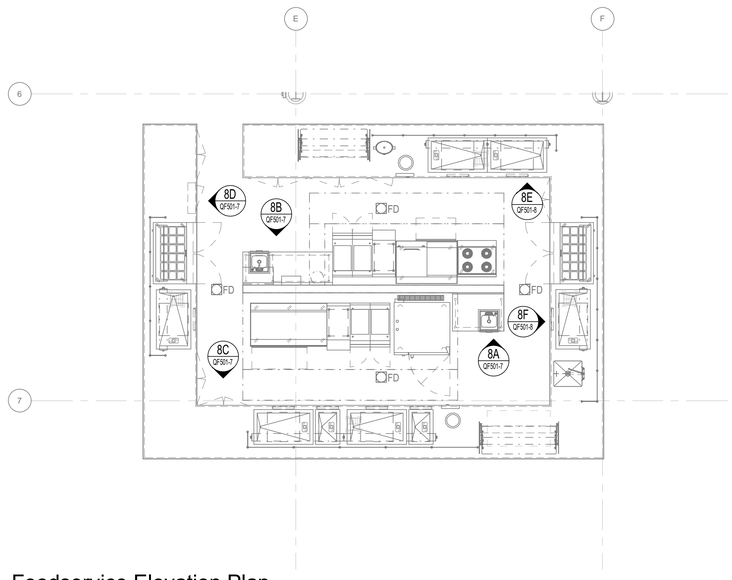
7 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



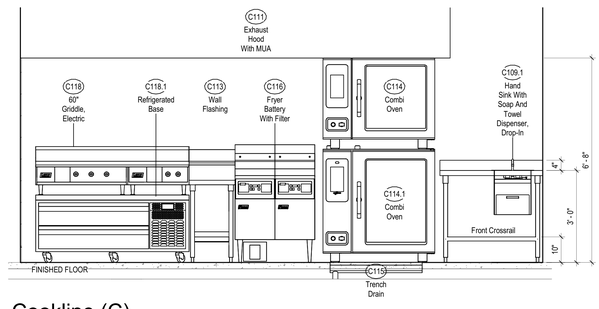
7A Beverage Counter (C)
SCALE: 1/2" = 1'-0"



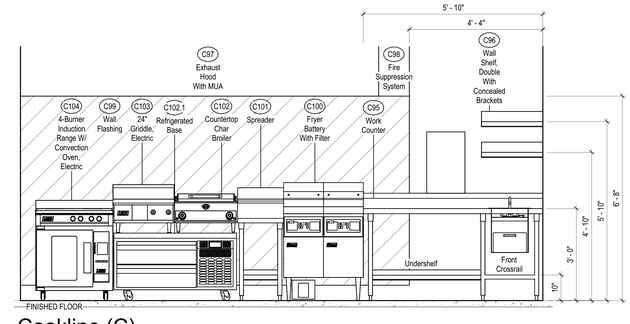
7B Beverage Counter (C)
SCALE: 1/2" = 1'-0"



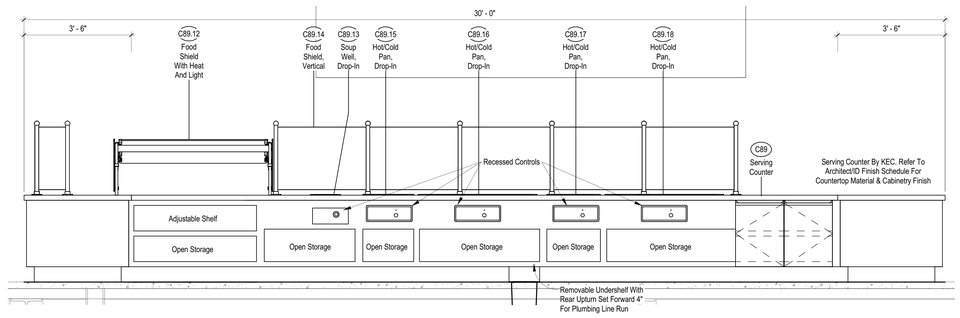
8 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



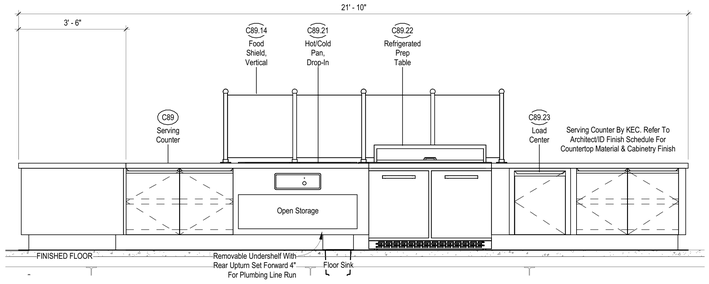
8A Cookline (C)
SCALE: 1/2" = 1'-0"



8B Cookline (C)
SCALE: 1/2" = 1'-0"



8C Serving Counter (C)
SCALE: 1/2" = 1'-0"



8D Serving Counter (C)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAN SAMUEL GHAZARIAN 023311 STATE OF NEW YORK

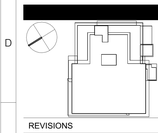
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



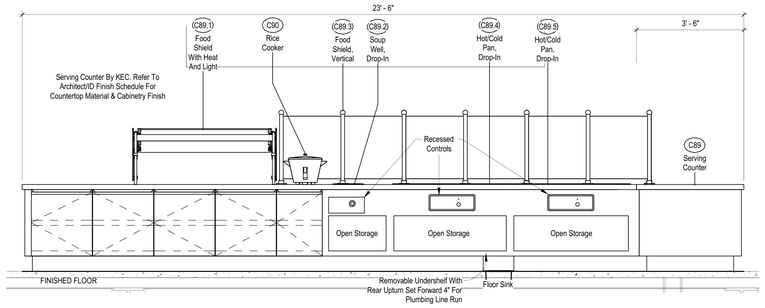
REVISIONS

No.	Description	Date

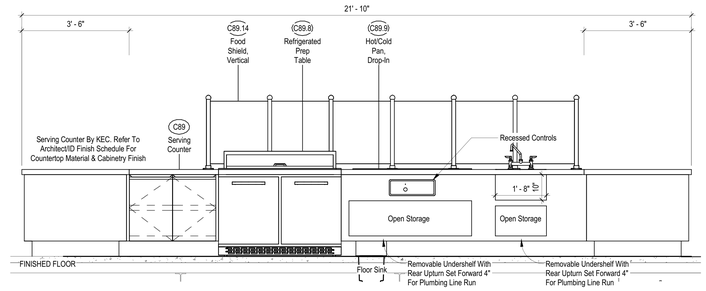
ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (C)
SHEET NUMBER: QF501-7

BID SET

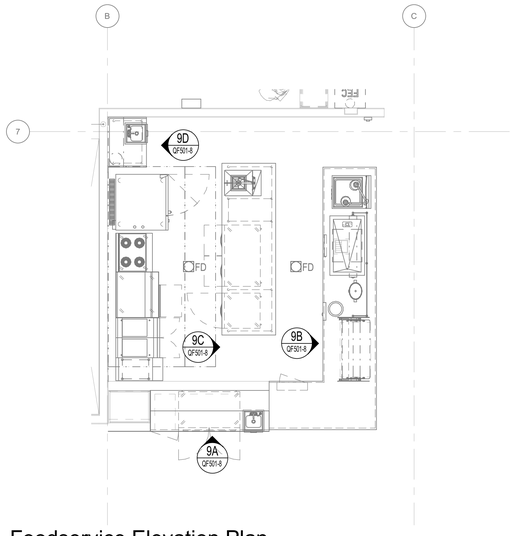
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



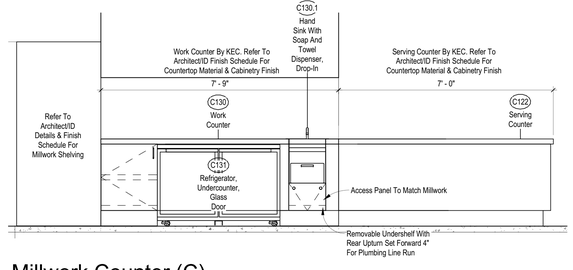
8E Serving Counter (C)
SCALE: 1/2" = 1'-0"



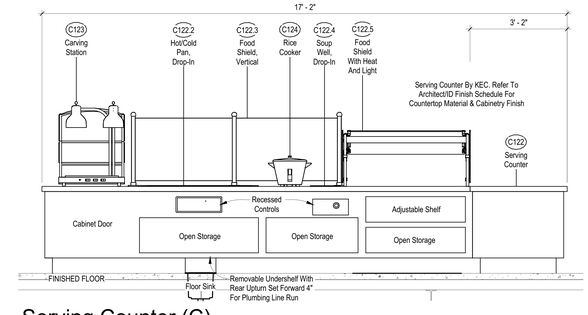
8F Serving Counter (C)
SCALE: 1/2" = 1'-0"



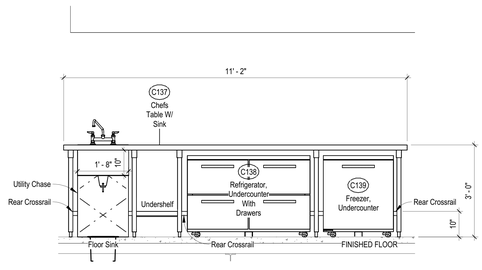
9 Foodservice Elevation Plan
SCALE: 1/4" = 1'-0"



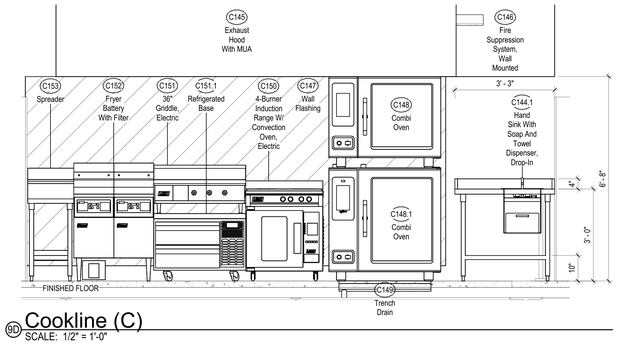
9A Millwork Counter (C)
SCALE: 1/2" = 1'-0"



9B Serving Counter (C)
SCALE: 1/2" = 1'-0"



9C Work Table (C)
SCALE: 1/2" = 1'-0"



9D Cookline (C)
SCALE: 1/2" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDNAMED DIMENTI 022313 STATE OF NEW YORK

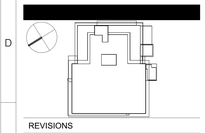
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



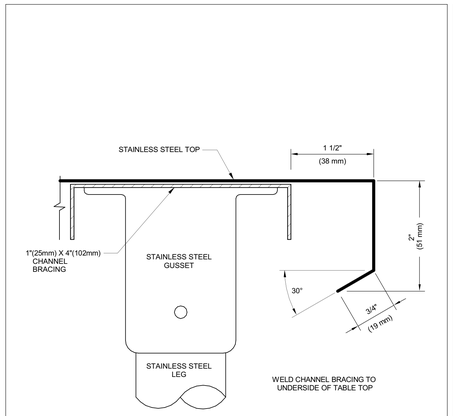
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: As indicated
SHEET NAME: Foodservice Elevation Plan (C)
SHEET NUMBER: QF501-8

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



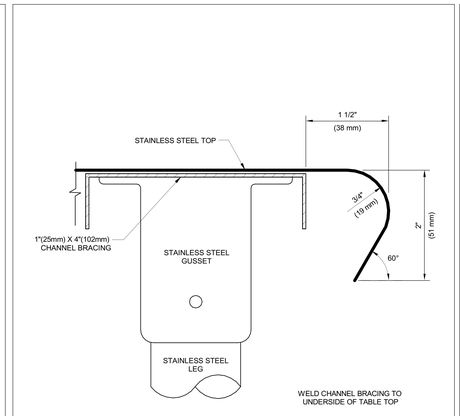
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

STRAIGHT TURN-DOWN EDGE

RICCA DESIGN STUDIOS

FSD1-1A



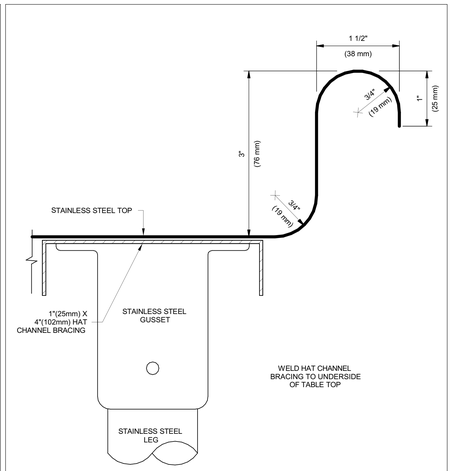
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

BULLNOSE EDGE

RICCA DESIGN STUDIOS

FSD1-1B



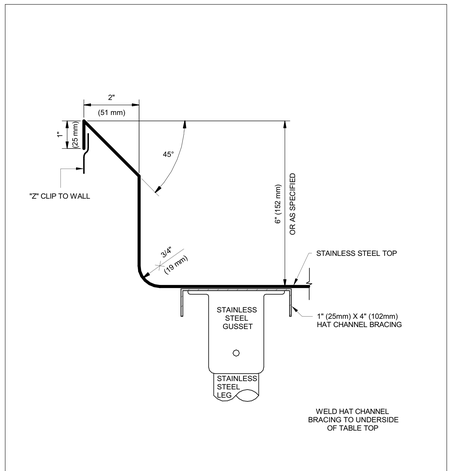
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

RAISED ROLLED EDGE

RICCA DESIGN STUDIOS

FSD1-4B



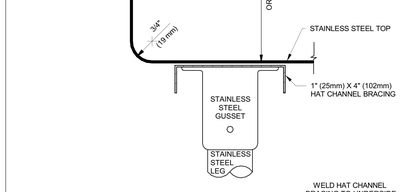
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

STANDARD SPLASH

RICCA DESIGN STUDIOS

FSD1-5A



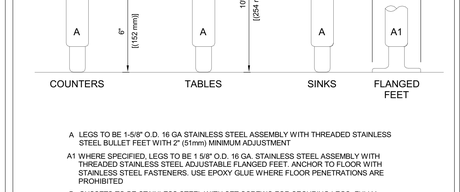
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

SQUARE TURN-BACK SPLASH

RICCA DESIGN STUDIOS

FSD1-5B



A LEGS TO BE 1-5/8" O.D. 16 GA STAINLESS STEEL ASSEMBLY WITH THREADED STAINLESS STEEL BULLET FEET WITH 2" (51mm) MINIMUM ADJUSTMENT

A1 WHERE SPECIFIED, LEGS TO BE 1 5/8" O.D. 16 GA. STAINLESS STEEL ASSEMBLY WITH THREADED STAINLESS STEEL ADJUSTABLE FLANGED FEET. ANCHOR TO FLOOR WITH STAINLESS STEEL FASTENERS. USE EPOXY GLUE WHERE FLOOR PENETRATIONS ARE PROHIBITED

B GUSSETS TO BE STAINLESS STEEL WITH SET SCREWS FOR SECURING LEGS. FULLY-WELD GUSSETS TO CHANNELS OR GUSSET PLATES

C CROSS-RAILS TO BE 1 5/8" O.D. 16 GA. STAINLESS STEEL TUBING FULLY WELDED TO LEGS. WHERE CROSS-RAILS JOIN CABINET BODY, PROVIDE FLANGE SECURED WITH STAINLESS STEEL SCREWS

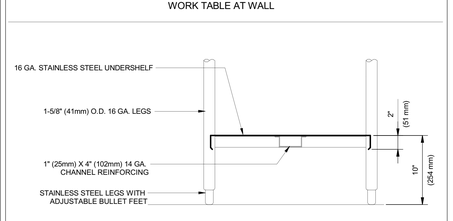
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

LEGS AND CROSSBRACING

RICCA DESIGN STUDIOS

FSD1-7



WORK TABLE AT WALL

ISLAND WORK TABLE

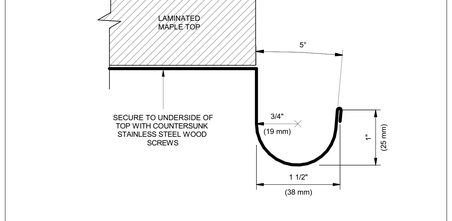
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

UNDERSHELF

RICCA DESIGN STUDIOS

FSD1-8



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

FLOUR GUTTER

RICCA DESIGN STUDIOS

FSD1-11

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL GUARINO STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

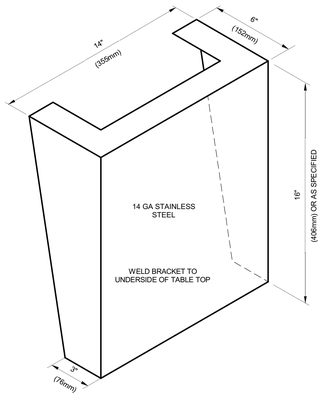
SCALE: 12" = 1'-0"

SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:
QF600-1

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



VERIFY DIMENSIONS WITH EQUIPMENT CONTROL PANEL

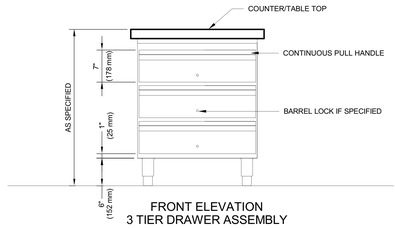
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

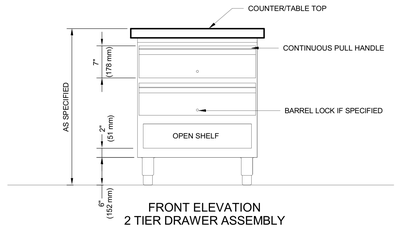
CONTROL PANEL BRACKET

RICCA DESIGN STUDIOS

FSD1-14



FRONT ELEVATION
3 TIER DRAWER ASSEMBLY



FRONT ELEVATION
2 TIER DRAWER ASSEMBLY

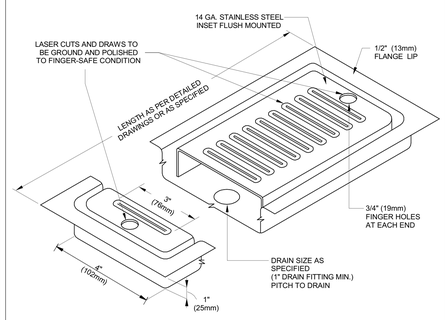
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

TIERED DRAWER ASSEMBLY

RICCA DESIGN STUDIOS

FSD1-16



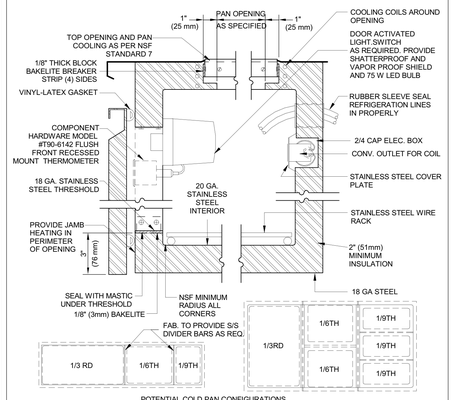
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

DRIP TROUGH

RICCA DESIGN STUDIOS

FSD1-18



POTENTIAL COLD PAN CONFIGURATIONS

ALL INTERNAL WIRING WITHIN REFRIGERATOR CAVITY BY KEC (LIGHTS, DOOR SWITCHES AND DUPLEX RECEPTACLE)

MOUNT COIL ON BACK WALL. SIZE COIL AND CONDENSING UNIT FOR BTUS REQUIRED TO MAINTAIN 34-40 DEGREE TEMPERATURE. PROVIDE DIAL THERMOMETER ON FACE OF UNIT

1" (25mm) BRASS DRAIN WHERE REQUIRED FOR COIL TO PASS THROUGH SIDE OR REAR OF REFRIGERATED BASE TO FLOOR SINK

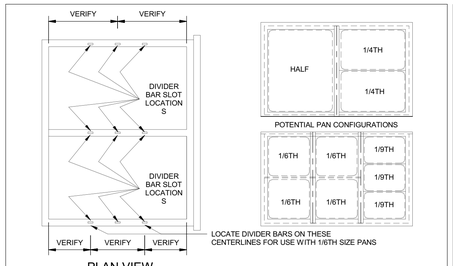
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

REFRIGERATED BASE WITH PAN OPENING

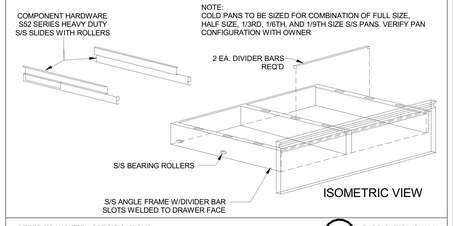
RICCA DESIGN STUDIOS

FSD1-19B



PLAN VIEW

NOTE:
COLD PANS TO BE SIZED FOR COMBINATION OF FULL SIZE, HALF SIZE, 1/3RD, 1/6TH, AND 1/9TH SIZE S/S PANS. VERIFY PAN CONFIGURATION WITH OWNER



ISOMETRIC VIEW

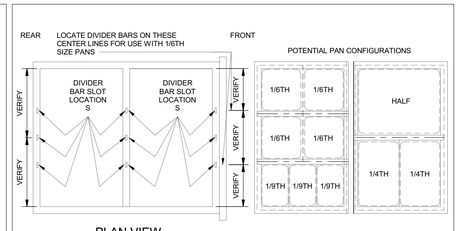
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

REFRIGERATED/FREEZER DRAWERS-SIDE BY SIDE CONFIGURATION

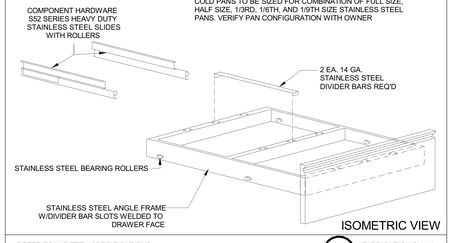
RICCA DESIGN STUDIOS

FSD1-20A



PLAN VIEW

NOTE:
COLD PANS TO BE SIZED FOR COMBINATION OF FULL SIZE, HALF SIZE, 1/3RD, 1/6TH, AND 1/9TH SIZE STAINLESS STEEL PANS. VERIFY PAN CONFIGURATION WITH OWNER



ISOMETRIC VIEW

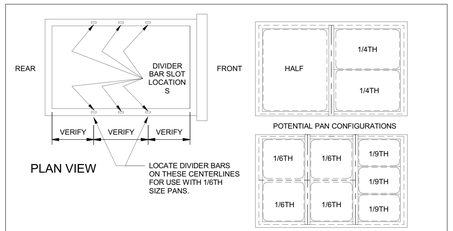
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

REFRIGERATED/FREEZER DRAWERS-FRONT-TO-BACK CONFIGURATION

RICCA DESIGN STUDIOS

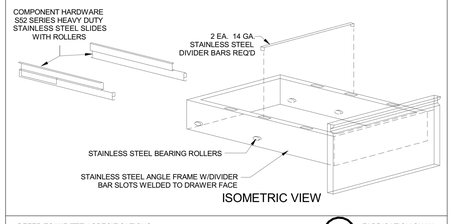
FSD1-20B



PLAN VIEW

LOCATE DIVIDER BARS ON THESE CENTERLINES FOR USE WITH 1/6TH SIZE PANS.

NOTE:
COLD PANS TO BE SIZED FOR COMBINATION OF FULL SIZE, HALF SIZE, 1/3RD, 1/6TH, AND 1/9TH SIZE S/S PANS. VERIFY PAN CONFIGURATION WITH OWNER/OPERATOR



ISOMETRIC VIEW

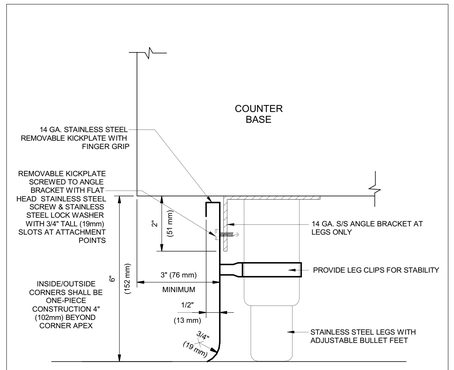
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

REFRIGERATED/FREEZER DRAWERS-SINGLE PAN CONFIGURATION

RICCA DESIGN STUDIOS

FSD1-20C



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

REMOVABLE KICK PLATE DETAIL

RICCA DESIGN STUDIOS

FSD1-23

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SANTIAGO QUIMENO 032313 STATE OF NEW YORK

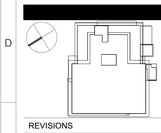
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: 12" = 1'-0"

SHEET NAME:
Foodservice Standard Details

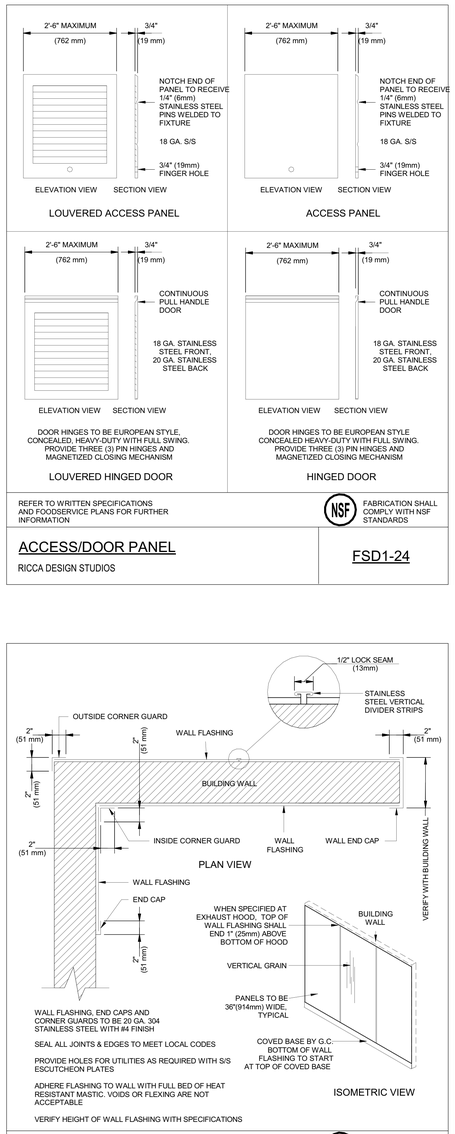
SHEET NUMBER:

QF600-2

BID SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



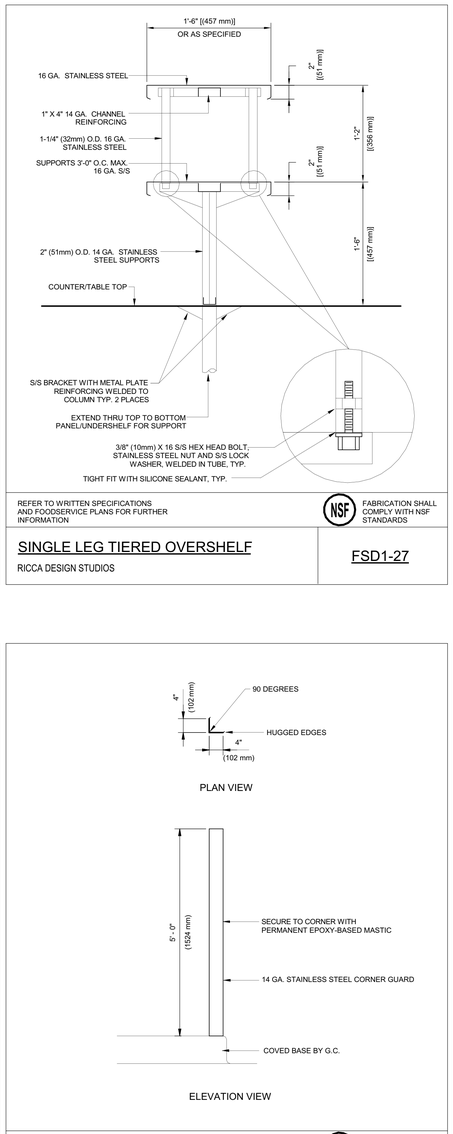
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

ACCESS/DOOR PANEL

RICCA DESIGN STUDIOS

FSD1-24



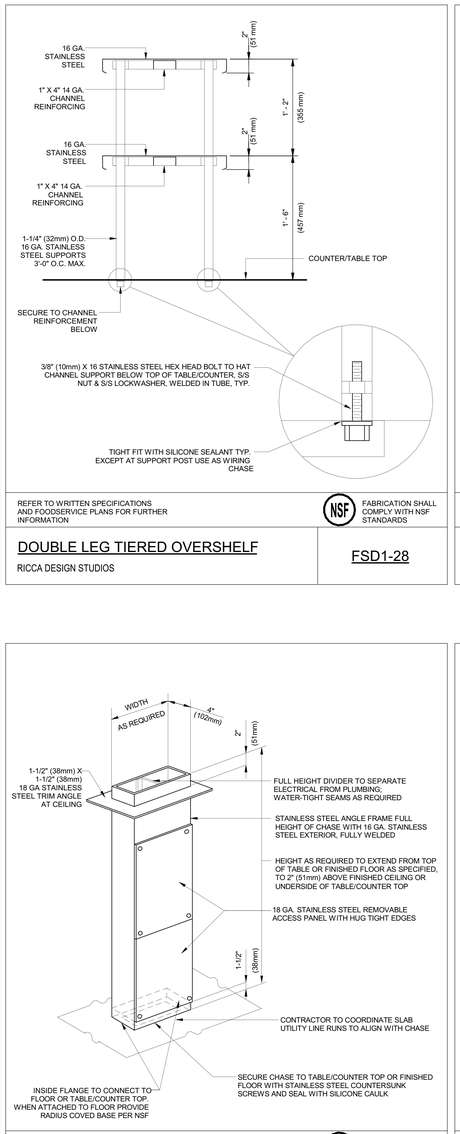
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

SINGLE LEG TIERED OVERSHELF

RICCA DESIGN STUDIOS

FSD1-27



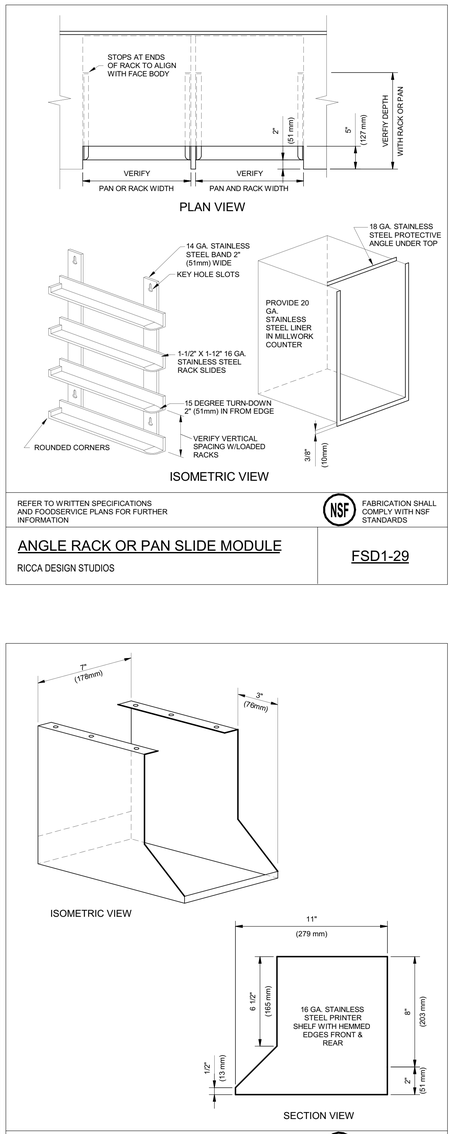
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

DOUBLE LEG TIERED OVERSHELF

RICCA DESIGN STUDIOS

FSD1-28



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

ANGLE RACK OR PAN SLIDE MODULE

RICCA DESIGN STUDIOS

FSD1-29

REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WALL FLASHING

RICCA DESIGN STUDIOS

FSD1-39

REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CORNER GUARD

RICCA DESIGN STUDIOS

FSD1-40

REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

UTILITY CHASE

RICCA DESIGN STUDIOS

FSD1-41

REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

UNDERMOUNT PRINTER SHELF

RICCA DESIGN STUDIOS

FSD1-52

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ADAM DOUGLAS SAMUEL GUNSHOR 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: 12" = 1'-0"

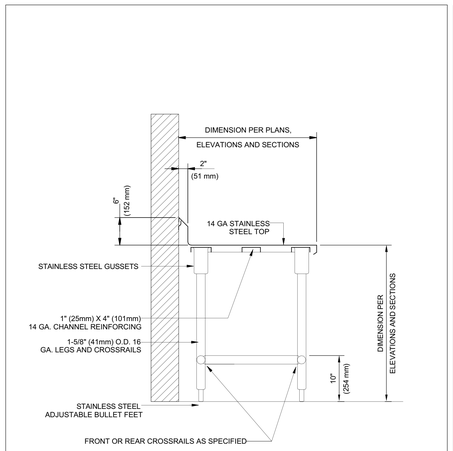
SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:

QF600-3

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



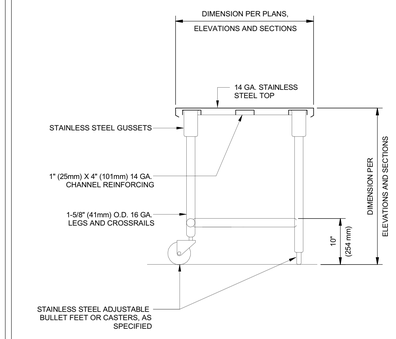
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WORK TABLE WITH OPEN BASE

RICCA DESIGN STUDIOS

FSD2-1



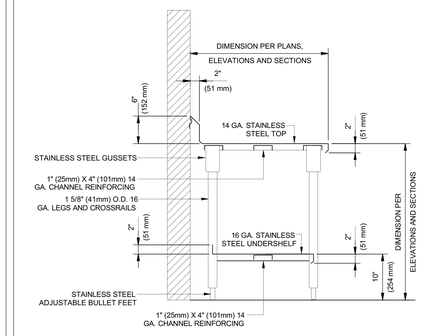
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

ISLAND WORK TABLE WITH OPEN BASE

RICCA DESIGN STUDIOS

FSD2-2



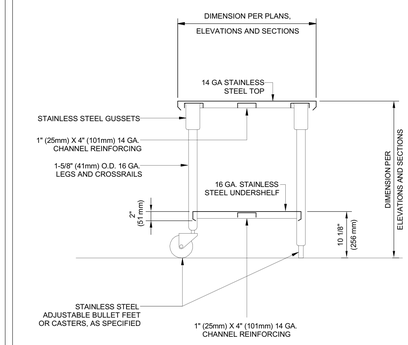
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WORK TABLE WITH UNDERSHELF

RICCA DESIGN STUDIOS

FSD2-5



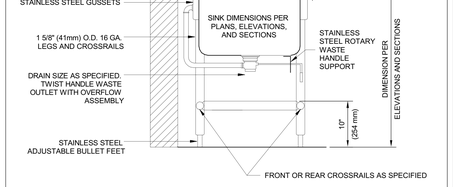
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

ISLAND WORK TABLE WITH UNDERSHELF

RICCA DESIGN STUDIOS

FSD2-6



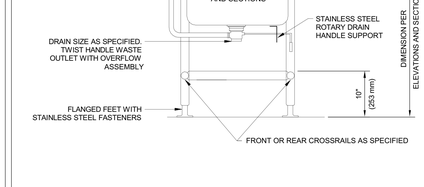
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WORK TABLE WITH SINK AND OPEN BASE

RICCA DESIGN STUDIOS

FSD2-7



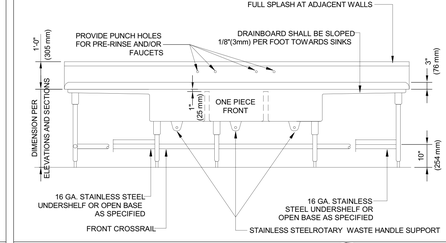
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

ISLAND WORK TABLE WITH SINK AND OPEN BASE

RICCA DESIGN STUDIOS

FSD2-8



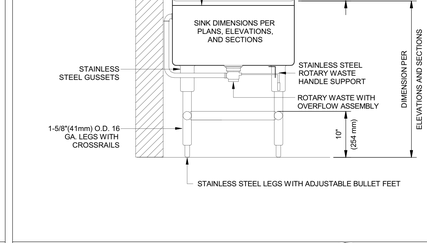
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

POT SINK

RICCA DESIGN STUDIOS

FSD3-1



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

POT SINK COMPARTMENT

RICCA DESIGN STUDIOS

FSD3-4

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 023233 STATE OF NEW YORK

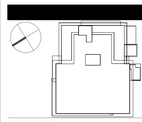
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: 12" = 1'-0"

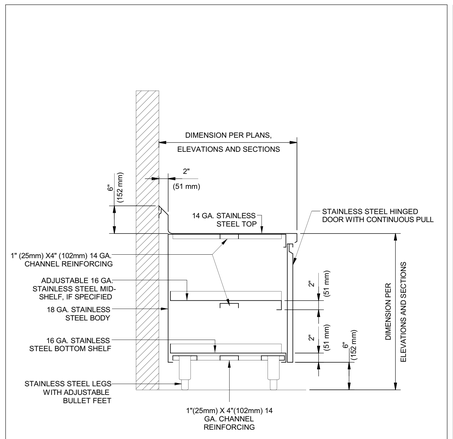
SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:

QF600-4

BID SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



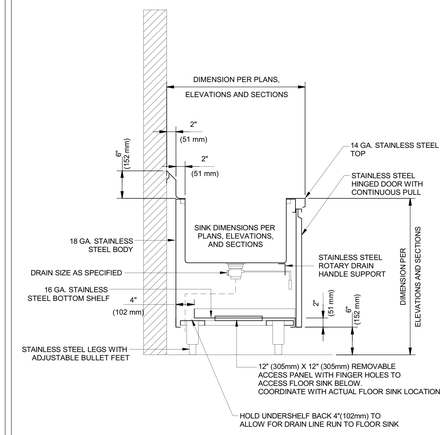
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WORK COUNTER

RICCA DESIGN STUDIOS

FSD5-1



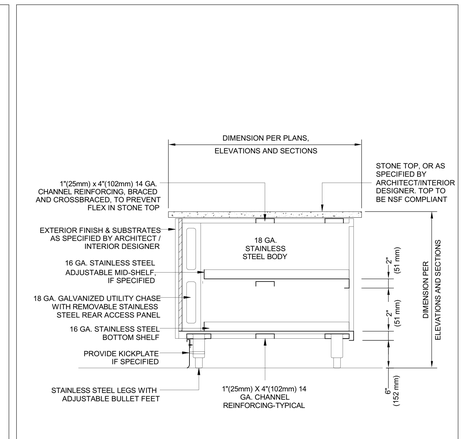
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

WORK COUNTER AT SINK

RICCA DESIGN STUDIOS

FSD5-2



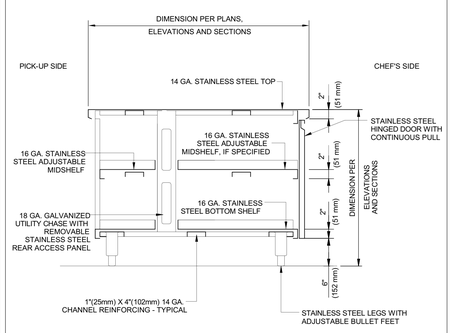
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

SERVING COUNTER AT OPEN CABINET BASE

RICCA DESIGN STUDIOS

FSD7-1



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER WITH CABINET BASE

RICCA DESIGN STUDIOS

FSD9-1

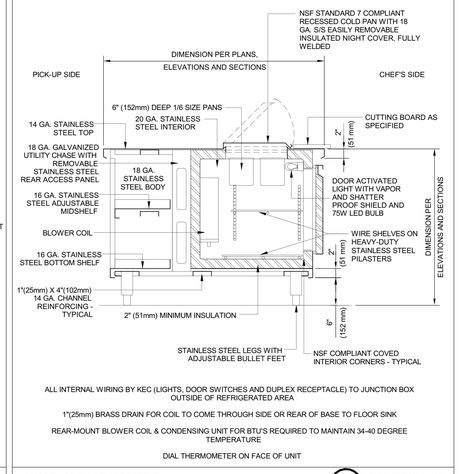
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT SINK

RICCA DESIGN STUDIOS

FSD9-2



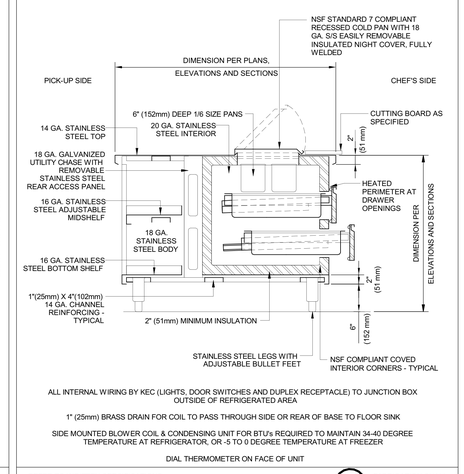
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT REFRIGERATED BASE WITH PANS

RICCA DESIGN STUDIOS

FSD9-3A



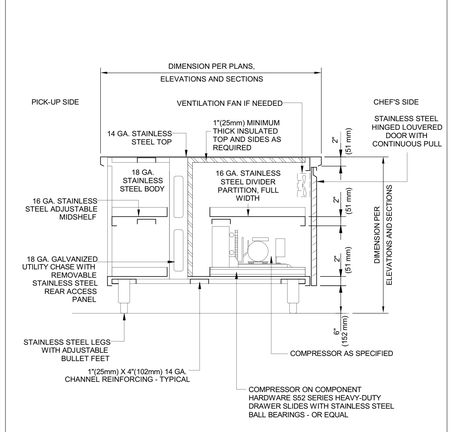
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT REFRIGERATED DRAWERS WITH PANS

RICCA DESIGN STUDIOS

FSD9-3B



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT SINGLE COMPRESSOR

RICCA DESIGN STUDIOS

FSD9-4A

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARAM SAMUEL GORDON 032331 STATE OF NEW YORK

EXP. DATE : 03/31/2028

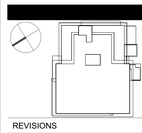
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

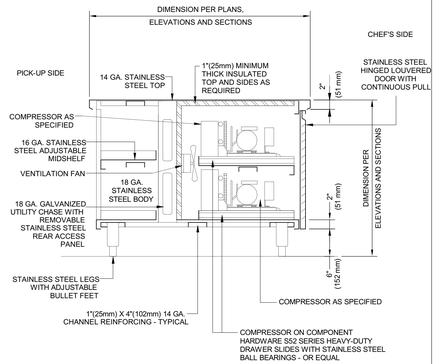
SCALE: 12" = 1'-0"

SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:
QF600-5

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



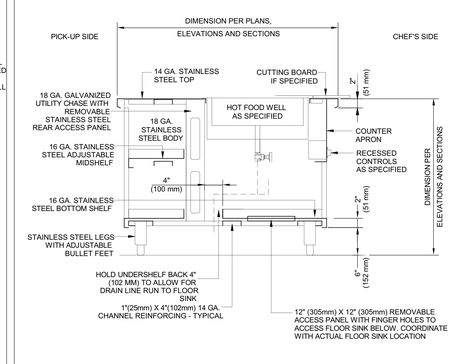
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT DOUBLE COMPRESSOR

RICCA DESIGN STUDIOS

FSD9-4B



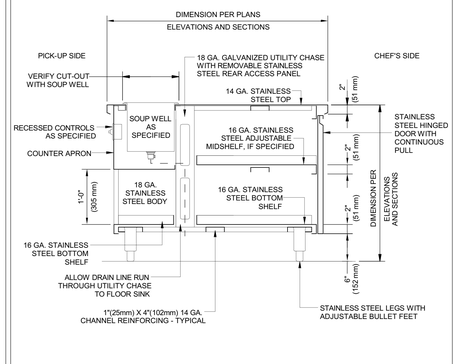
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER AT HOT FOOD WELL

RICCA DESIGN STUDIOS

FSD9-5



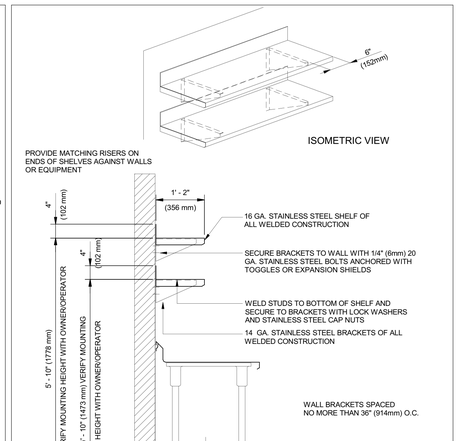
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHEF'S COUNTER WITH SOUP WELL ON PICK-UP SIDE

RICCA DESIGN STUDIOS

FSD9-6



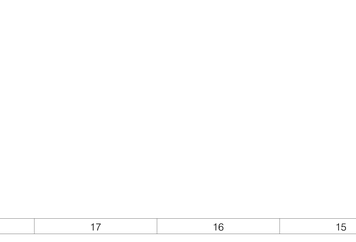
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

DOUBLE WALL SHELF

RICCA DESIGN STUDIOS

FSD12-1A



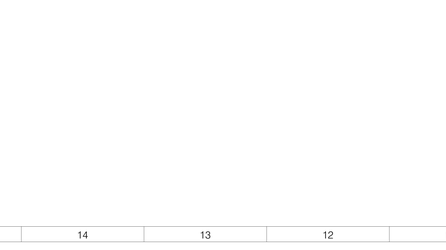
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

SINGLE WALL SHELF

RICCA DESIGN STUDIOS

FSD12-1B



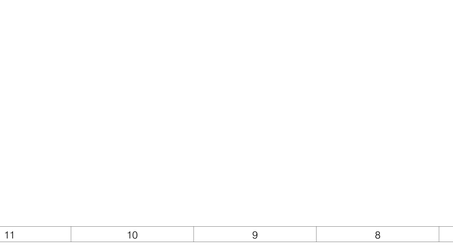
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

TUBULAR WALL SHELF

RICCA DESIGN STUDIOS

FSD12-8A



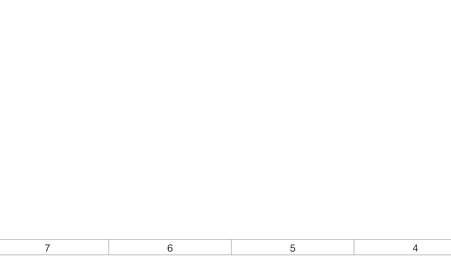
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

TABLE MOUNTED UTENSIL RACK WITH OVERSHELF

RICCA DESIGN STUDIOS

FSD14-1B



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CEILING MOUNTED UTENSIL RACK

RICCA DESIGN STUDIOS

FSD14-3

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: 12" = 1'-0"

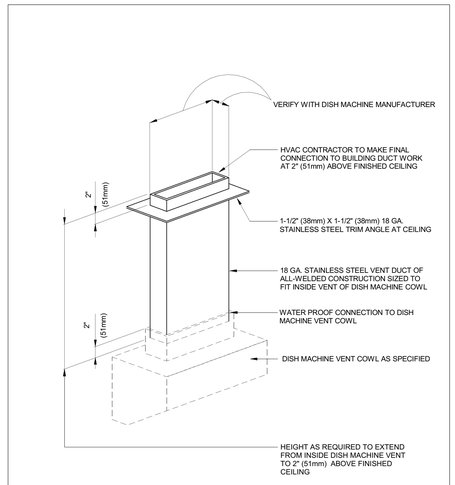
SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:

QF600-6

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



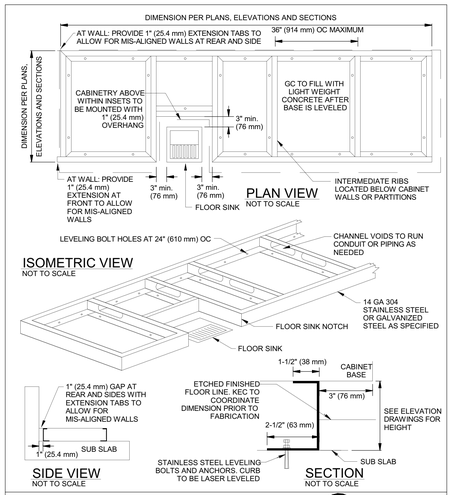
REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

VENT DUCT

RICCA DESIGN STUDIOS

FSD15-2



REFER TO WRITTEN SPECIFICATIONS AND FOODSERVICE PLANS FOR FURTHER INFORMATION

NSF FABRICATION SHALL COMPLY WITH NSF STANDARDS

CHANNEL BASE

RICCA DESIGN STUDIOS

FSD16-1

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL FUMERO 022313 STATE OF NEW YORK

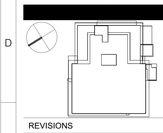
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE: 12" = 1'-0"

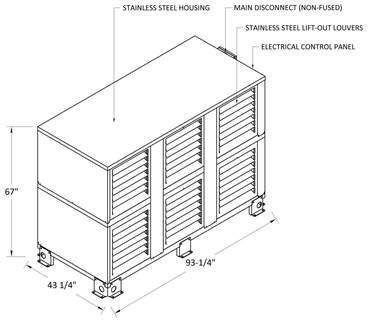
SHEET NAME:
Foodservice Standard Details

SHEET NUMBER:
QF600-7

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

MODEL NO. ZS2-04Z-CT4-AEC OUTDOOR AIR COOLED REFRIGERATION SYSTEM
ITEM NO. B115



NOTE:
MEDIUM AND LOW TEMP FIXTURES PROVIDED WITH A PRIMARY HIGH EFFICIENCY DIGITAL SCROLL COMPRESSORS WITH BACK-UP SCROLLS FOR 100% REDUNDANCY.

MEDIUM TEMP SYSTEM EQUIPPED WITH:
- AN CO54-05FR COALESCING OIL SEPARATOR W/RESERVOIR
- AN RV1018 RECEIVER (44.0 LB HOLDING CAPACITY)

LOW TEMP SYSTEM EQUIPPED WITH:
- AN CO54-05FR COALESCING OIL SEPARATOR W/RESERVOIR
- AN RV821 RECEIVER (36.0 LB HOLDING CAPACITY)

REFRIGERATION SYSTEM TO INCLUDE:
- CRANKCASE HEATERS
- FAN-CYCLING SWITCHES
- HEADMASTER CONTROLS
- HEATED AND INSULATED RECEIVERS
- COATED CONDENSERS
- ENAMEL COATED ROTO-LOCK SERVICE VALVES
- PHASE LOSS MONITOR

RACK WEIGHT: 1,500 LBS.

RDT ENGINEERING SUMMARY

POWER SUPPLY: 460-480/60/3
CONNECTED LOAD: 19.3 AMPS

MOPD: 30 AMP
MINIMUM CIRCUIT AMPACITY: 21.7

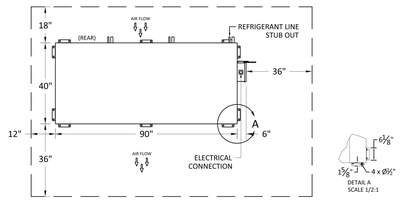
SYSTEM	FIXTURES ITEM #	FIXTURES DESCRIPTION	FIXTURES TEMP °F FIXT.	FIXTURES TEMP °F SUCT.	FIXTURES REQ'D FIXTURE BTU/H	FIXTURES REFRIG. R-	CONDENSING UNIT COMPRESSOR MODEL NO.	H.P.	RATING @ 60 HZ RLA	V	PH	BTU CAP @ AMB °F 95	TYPE	REC. CAP. (lbs)	CONDENSER	EVAPORATOR COILS ITEM #	MODEL NO.	FAN MOTORS @ 60 HZ QTY	RLA	V	PH	HEATERS @ 60 HZ RLA	V	PH	DEFR. TYPE	DEFROST CONTROLLER TYPE	CONTROLLER QTY	ACCESSORIES TSTAT	SOL. VALVE	EXP. VLV.	REFRIGERANT LINE SIZES (IN) SUCT.	SUCT. LINE RISER	LIQUID	LINE RUN (FT)	TYPE	TOTAL SYSTEM LOAD
A1	B4	BULK COOLER	35		14607											B4.1	BEL0115	1	1.8	115	1				O.C.	ECOSMART	1	F	F	EF	7/8		3/8	50	B	
A2	B79	PREP COOLER	35		7117											B79.1	BEL0060	1	0.9	115	1				O.C.	ECOSMART	1	F	F	EF	5/8		3/8	50	B	
A3	B85	PREP COOLER	35		9299											B85.1	BEL0095	1	1.8	115	1				O.C.	ECOSMART	1	F	F	EF	7/8		3/8	50	B	
A		MT DIGITAL SCROLL COMP		25		448A	ZBD30KCE	4.0	6.7	460	3	35400	Z	44.0																	1-1/8	1-1/8	1/2	100	T	6.7
AA	(MCO)	MT BACKUP SCROLL COMP		25		448A	ZB30KCE	4.0	6.7	460	3	35100	Z																							
		CONDENSER FAN MOTOR													L5R																					2.0
B1	B6	WALK-IN FREEZER	-10		9962											B6.1	BEL0100	1	1.0	208	1	9.1	208	1	ELEC	ECOSMART	1	F	F	EF	7/8		3/8	50	B	
B2	B81	PREP FREEZER	-10		7460											B81.1	BEL0065	1	1.0	208	1	9.1	208	1	ELEC	ECOSMART	1	F	F	EF	7/8		3/8	50	B	
B		LT DIGITAL SCROLL COMP		-20		448A	ZFD18KVE	6.0	9.6	460	3	19000	Z	36.0																	1-3/8	1-1/8	1/2	100	T	9.6
BB	(MCO)	LT BACKUP SCROLL COMP		-20		448A	ZF18K4E	6.0	8.0	460	3	19000	Z																							
		CONDENSER FAN MOTOR													L4R																					1.0
		SEPARATE 115V POWER SUPPLY NEEDED FOR DUPLEX RECEPTACLE (20A)																																		
		RACK ELECTRICAL PROVIDED WITH A 1KVA STEP-DOWN TRANSFORMER FOR ALL 208V CONTROLS																																		
		ALL EVAPORATOR COILS WILL REQUIRE A HOUSE POWER SUPPLY																																		

c UL us LISTED

NOTE:
IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE CODES AND CURRENT REFRIGERATION INDUSTRY STANDARDS AND PRACTICES WHEN DETERMINING LINE SIZES, AND INSTALLING AND STARTING UP RDT EQUIPMENT.

COMPRESSOR TYPE	DEFROST TYPE	LINE TYPE	EVAPORATOR ACCESSORIES
Z SCROLL	O.C. OFF CYCLE ELEC ELECTRIC	B BRANCH - UP TO 50' T TRUNK - UP TO 100'	EF EEV FACTORY EQUIPPED ON EVAP F FACTORY EQUIPPED ON EVAP

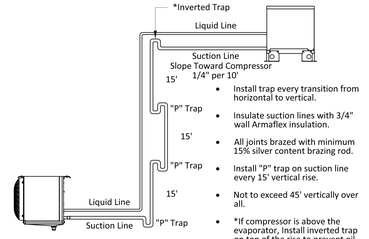
PLANVIEW/ CLEARANCE REQUIREMENTS



NOTE: MINIMUM CLEARANCE REQUIRED FOR PROPER OPERATION

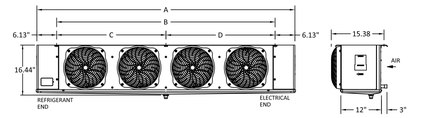
NOTE: ROOF CURB OR GROUND PAD CAN BE SAME SIZE AS OUTDOOR UNIT

SUCTION LINE VERTICAL RISE DETAIL



- Install trap every transition from horizontal to vertical.
- Insulate suction lines with 3/4" wall Armaflex insulation.
- All joints brazed with minimum 15% silver content brazing rod.
- Install "P" trap on suction line every 15' vertical rise.
- Not to exceed 45' vertically over all.
- *If compressor is above the evaporator, Install inverted trap on top of the rise to prevent oil from seeping down when fixture(s) is turned off.

EVAPORATOR DETAILS - MODEL BEL



AIR DEFROST Size	DIMENSIONS A (Inches)	B (Inches)	C (Inches)	D (Inches)	CONNECTIONS (Inches) Coil Inlet	Suction	Drain	Approx. Net Wt. Lbs.	ELECTRICAL DATA Qty. Motors	EC Motor Fan Amps 115V	208V
060	29-1/2	17-1/4	-	-	1/2 OD	5/8 OD	3/4 MPT	36	1	0.9	0.5
095	45-1/2	33-1/4	-	-	1/2 OD	5/8 OD	3/4 MPT	51	2	1.8	1.0
115	45-1/2	33-1/4	-	-	1/2 OD	7/8 OD	3/4 MPT	56	2	1.8	1.0

ELECTRIC DEFROST	DIMENSIONS A (Inches)	B (Inches)	C (Inches)	D (Inches)	CONNECTIONS (Inches) Coil Inlet	Suction	Drain	Approx. Net Wt. Lbs.	ELECTRICAL DATA Qty. Motors	EC Motor Fan Amps	Heater Amps as wired for 208-230/60/1	208-230/60/3	460/60/1
065	45-1/2	33-1/4	-	-	1/2 OD	5/8 OD	3/4 MPT	54	2	1.0	9.1	5.7	4.6
100	45-1/2	33-1/4	-	-	1/2 OD	7/8 OD	3/4 MPT	59	2	1.0	9.1	5.7	4.6

ZS SERIES "ECO-COOL" ENGINEERING SPECIFICATIONS

Multi circuited, multi compressor, outdoor air cooled. The refrigeration package shall be a pre-engineered and factory-assembled unit, trade name "Eco-Cool," as manufactured by Refrigeration Design Technologies, 1808 FM Road 66, P.O. Box 622, Waxahachie, Texas 75168. Phone: (972) 937-3215; Fax: (972) 937-0970.

1. Air - Cooled Refrigeration System
The RDT UL Listed "Air-Cooled" Refrigeration system shall be housed in a weather protected compact powder coated steel frame. The entire housing shall be brushed stainless steel. The exterior of the housing shall feature stainless steel one piece louvers. The condenser shall be designed for 10 degrees to 20 degrees TD and constructed of aluminum fin copper tube. Condenser fan motors shall be mounted within the enclosure. Suction line is insulated with ½" Armaflex.

Condensing unit shall contain scroll, hermetic, semi-hermetic, and/ or discus type compressor(s) assembled to operate with the refrigerant specified for both medium and low temperature applications.

The refrigeration unit shall be equipped with the following components:

- Electronic control for compressor capacity and staging
- Lifting Points shall be integrated into the framing components
- Receiver with fusible plug or relief valve
- Large Capacity, Oversize Receiver for Remote Condensing Unit Operation
- Rotolock Service Valves on compressor and receiver connections
- Adjustable High and Low Pressure Switches
- High Pressure Super Hose Connection for pressure switches
- Liquid Sight Glass Standard
- Filter Drier and Suction Line Filter Standard
- Oil Control System (Where Required)
- Head Pressure Regulator for low ambient conditions (Where Required)
- Oil Separator (Where Required)
- Oil Reservoir (Where Required)
- Suction Accumulator (Where Required)
- Heated or Insulated receivers for low ambient conditions (Where Required)

2. Pre-Piping
All refrigerant lines shall be extended outside of the housing in a neat and orderly manner. All tubing shall be securely supported and anchored with non-corrosive coated clamps. All joints must be brazed not soldered. All piping and controls shall be factory pressure-tested with dry nitrogen.

3. Evaporator Coils
A. Evaporator coils shall be direct expansion type fabricated of copper tubes with aluminum fins.
B. All evaporators shall be provided with factory-mounted solenoid valve, thermostatic or electrical expansion valve and temperature sensor.
C. Thermostat control is provided with a built in defrost timer for air or electric heated defrost.
D. Pressure Regulator (Where Required)

4. Control Panel
U.L-Listed and Labeled pre-wired control panel complete with circuit breakers, contactors wired for single point power connection. Main disconnect (non fused) where required.

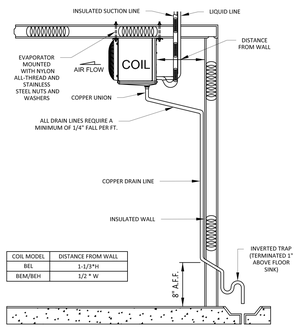
General Information
Contractors shall verify all dimensions onsite and coordinate with other trades. General contractor shall prepare the platform, curbed openings and weatherproofing the unit after installation.

Refrigeration Contractor
All copper tubing to be refrigerant grade. A.C.R. or type "L". Brazing should be used for all refrigerant piping. Silver solder or soft solder is not acceptable. All piping to be pressure tested with nitrogen at 300 psi. After the condensing unit and coil have been connected the balance of the system shall be leak tested with the valves open at 200 psi. The complete system shall be evacuated with a vacuum pump. Each unit should be charged tested and adjusted to assure operation. Refrigeration contractor should provide and install the drain-line heater in freezer. Heater shall be connected by electrical contractor.
Any isolation valves required in the line set apart from the refrigeration rack system will be supplied by the installation contractor, not RDT.

Electrical Contractor
Electrical contractor to provide power for refrigeration package and connect control and defrost system as called for in the wiring diagram. Electrical contractor to connect drain-line heater in the freezer. All electrical wiring and installation shall be in accordance with the wiring diagram and local codes. Seal all penetrations through the walk-in units with foam.

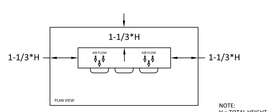
Plumbing Contractor
Plumbing contractor to provide copper drain lines for walk-in refrigerator and freezer, pitched 1/4" per foot of run. Plumbing contractor to fit condensate drain lines with — sweat union. Trap drain-line outside of refrigerated space to avoid entrance of warm, moist air. Plumbing contractor to provide individual drain-line for each evaporator unless other arrangements made.
All plumbing installation shall be in accordance with local codes.

EVAPORATOR MOUNTING DETAIL (TYPICAL)



COIL MODEL	DISTANCE FROM WALL
BEL	1-1/3"H
BEM/BEH	1/2 " W

EVAPORATOR PLACEMENT & CLEARANCE REQUIREMENTS LOW PROFILE EVAPORATOR COILS (I.E. - BEL)



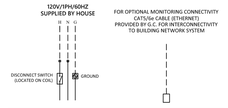
SINGLE EVAPORATOR

NOTE:
H = TOTAL HEIGHT OF THE EVAP. COIL

WIRING DIAGRAM - ECO-SMART - AKOA1AE DEMAND DEFROST CONTROLLER FOR WALK-IN COOLER WITH ONE COIL 115/60/1

*REFERENCE ENGINEERING SUMMARY FOR COIL AMP DRAW:

ITEM	DESCRIPTION	VOLTAGE
B4.1	BULK COOLER	115/1
B79.1	PREP COOLER	115/1
B85.1	PREP COOLER	115/1



Note: Controller provided pre-mounted to housing of evaporator assembly.

Wiring Schedule for Electrical Contractor Requirements:

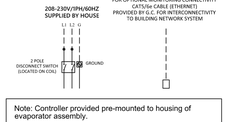
PRIMARY COIL
(3) 115V 12AWG MIN. TO PROVIDE HOUSE POWER TO THE COIL (HOT, NEUTRAL, GROUND)

FACTORY WIRING ———————
FIELD WIRING – – – – – – – –

WIRING DIAGRAM - ECO-SMART - AKOB1EE DEMAND DEFROST CONTROLLER FOR WALK-IN FREEZER WITH ONE COIL 208-230/60/1

*REFERENCE ENGINEERING SUMMARY FOR COIL AMP DRAW:

ITEM	DESCRIPTION	VOLTAGE
B6.1	WALK-IN FREEZER	208/1
B81.1	PREP FREEZER	208/1



Note: Controller provided pre-mounted to housing of evaporator assembly.

Wiring Schedule for Electrical Contractor Requirements:

PRIMARY COIL
(3) 208V (AWG SIZE ACCORDING TO HEATER LOAD AND LOCAL CODE) TO PROVIDE HOUSE POWER TO THE COIL (L1, L2 AND GROUND)

FACTORY WIRING ———————
FIELD WIRING – – – – – – – –

APPROVAL STATUS

THIS DRAWING REPRESENTS OUR UNDERSTANDING OF THE SPECIFICATIONS. PLEASE REVIEW IT CAREFULLY FOR ACCURACY. CLEARLY AND IN DETAIL NOTE CHANGES REQUIRED.

MARK APPROPRIATE BOX, SIGN, AND DATE BELOW.

- ☐ APPROVED FOR FABRICATION NO CHANGES
- ☐ APPROVED FOR FABRICATION WITH CHANGES NOTED
- ☐ REVISE AND RE-SUBMIT DRAWING

BY: _____ DATE: _____

NOTICE

THIS DRAWING BEING AN INSTRUMENT OF SERVICE IS AND WILL REMAIN PROPERTY OF REFRIGERATION DESIGN TECHNOLOGIES AND CANNOT BE USED WITHOUT WRITTEN AUTHORIZATION.

No.	Revision/Issue	Date
0	ORIGINAL ISSUE	8-1-24

REFRIGERATION DESIGN TECHNOLOGIES
1808 FM Road 66 / P.O. Box 622
Waxahachie, Texas
(800) 736-9518
www.rdtonline.com

Consultant:
Ricca Design Studios
Grand Rapids, MO

Dealer
-
-

SUNY
New Paltz, NY

Project No: 30867
Designed By: D. Schubarth
Drawn By: D. Schubarth
Sheet 1.1 of sheets

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

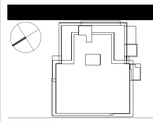
Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAN SAMUEL GHARAKHANIAN 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



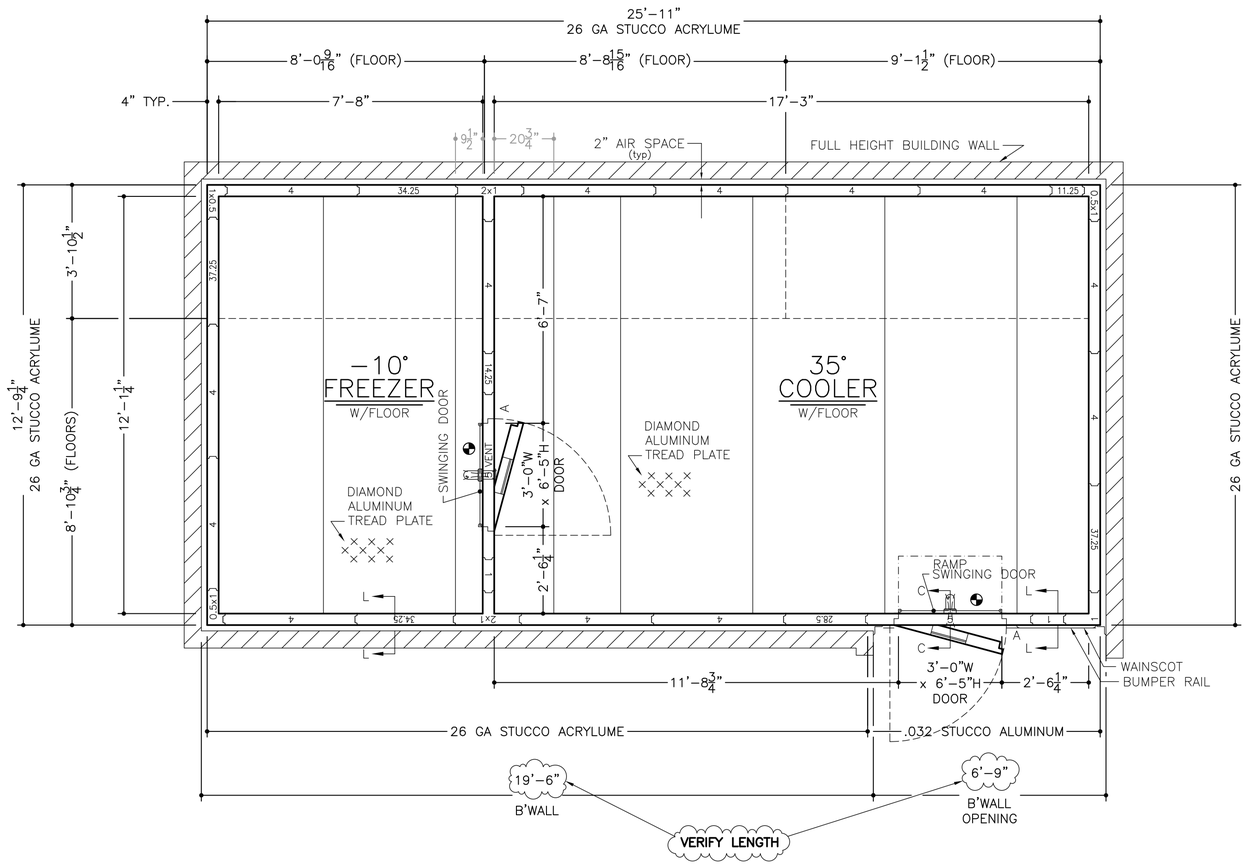
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Refrigeration Systems Drawing
SHEET NUMBER: QF700-1

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



~SPECIFICATIONS~

BOX HEIGHT: FREEZER – 9'–6" OVERALL (8'–10 1/4" INTERIOR)
COOLER – 9'–6" OVERALL (8'–10 1/4" INTERIOR)

CONSTRUCTION: FOAMED IN PLACE
NSF LISTED, STANDARD NO. 7

INSULATION: 4" URETHANE, FINISHED PANEL
UL CLASSIFIED FLAME SPREAD 20
CORE SMOKE DEVELOPED 250

INSTALLATION: INDOOR

FLOOR: (SEE DETAILS)
FREEZER – STANDARD W/3/4" PLYWOOD UNDERLAYMENT
COOLER – STANDARD W/INTERIOR RAMP & 3/4" PLYWOOD UNDERLAYMENT

DOOR HARDWARE & ACCESSORIES: (EACH DOOR)
DEADBOLT HANDLE W/KEYED CYLINDER LOCK, PADLOCK
PROVISION & QUARTER TURN INSIDE RELEASE (EXTERIOR DOOR ONLY)
FRAME HEATER WIRE
14 GA STAINLESS STEEL THRESHOLD COVER PLATE
GRAINGER #22FC09 (LCN 4011) DOOR CLOSER W/HOLD OPEN FEATURE
IC+ WALK–IN DOOR CONTROLLER AND ALARM SYSTEM INCLUDING:
INTEGRATED LIGHT SWITCH WITH AUTOMATIC LIGHT OFF AND 3–WAY & 4–WAY CAPABILITY
TEMPERATURE MONITOR AND LOGGER WITH HIGH TEMP. AND LOW TEMP. VISUAL AND AUDIO ALARM
F OR C TEMPERATURE SELECTION
INTEGRATED DRY CONTACT FOR ALARM SIGNALING & POWER FAILURE (1A @ 24VAC, 1A @ 30VDC)
DOOR AND WINDOW HEATER CONTROL (WHEN SO EQUIPPED)
HACCP PREVIEW VIA ONBOARD LCD SCREEN
HACCP DOWNLOAD VIA USB
WIFI CONNECTIVITY (INTERNET ENABLED WIFI NETWORK NEEDED)
BATTERY BACKUP
TEMPERATURE ALARM NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
POWER FAILURE NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
(FOR THIS FEATURE TO WORK THE LOCAL WIFI NETWORK MUST BE
POWER PROTECTED AND WORKING AT THE TIME OF POWER FAILURE EVENT)
AUTOMATIC AND ON DEMAND TRANSMISSION OF HACCP DATA VIA EMAIL
ADAPTIVE SETTINGS
25' AIR TEMPERATURE PROBE
DOOR SWITCH TO ENABLE DOOR AJAR ALARM, DOOR AJAR NOTIFICATION VIA EMAIL &/OR
EMAIL TO SMS TEXT MESSAGES, AND AUTOMATIC LIGHTS ON WHEN DOOR OPENS
PANIC ALARM WITH ILLUMINATED PANIC BUTTON, ALARM BUZZER WITH LED,
& NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
KASON SCREW–IN VAPOR PROOF LIGHT FIXTURE
W/8.5 WATT SYLVANIA LED BULB & GLOBE (CENTERED ABOVE DOOR)
CCI CLEAR VU SWINGING DOOR
3 – STD. CAM RISE HINGES
HEATED VISION WINDOW (14" x 14")
1/8" DIAMOND ALUMINUM TREAD PLATE KICKPLATES @ 36" HIGH I/S & O/S
KASON #1827 PRESSURE RELIEF VENT (FREEZER ONLY)

ACCESSORIES: (SHIPPED LOOSE)
2 – PCS. TRIM ANGLE
4 – 48" (1810LC) LED LIGHT FIXTURE(S) @ 40W EACH
1/8" DIAMOND ALUMINUM TREAD PLATE WAINSCOT @ 36" HIGH (EXPOSED EXTERIOR)
VINYL CHANNEL BUMPER RAIL (BOSTON SERIES 2000) W/VINYL INSERT @ 37" A.F.F. (PER PLAN)

METAL FINISHES:
INTERIOR WALLS – WHITE .040 STUCCO ALUMINUM
INTERIOR CEILING – SMOOTH WHITE .040 ALUMINUM (U.S.D.A.)
EXPOSED EXTERIOR – .032 STUCCO ALUMINUM
UNEXPOSED EXTERIOR – 26 GA STUCCO ACRYLUME
EXTERIOR FLOOR & CEILING – 26 GA STUCCO ACRYLUME
INTERIOR FLOOR – 1/8" DIAMOND ALUMINUM TREAD PLATE INTEGRAL

REFRIGERATION: BY OTHERS

NOTE: THE LARGEST DOOR PANEL ON THIS JOB IS 57.5" x 106".
NOTE: THE LARGEST ROOF PANEL ON THIS JOB IS 46" x 153.25".
CUSTOMER IS TO VERIFY THAT THIS PANEL SIZE
WILL NOT CONFLICT WITH ANY JOB SITE RESTRICTIONS.
NOTE: CUSTOMER IS TO VERIFY ALL DIMENSIONS,
SECTIONS, DETAILS AND SPECIFICATIONS
NOTE: MAXIMUM LIGHT CIRCUIT LOAD IS 1200W 120VAC TUNGSTEN,
5A 120VAC ELECTRONIC BALLAST. FOR HIGHER LOADS ADDITIONAL
LIGHT FIXTURES MUST BE CONTROLLED VIA RELAY (BY OTHERS).

ELECTRICAL DATA
⊕ = POINT OF ELECTRICAL CONNECTIONS.
WALK–IN DOORS: 115v/1ø – 350w*

*NOTE: ADD WATTAGE FOR EACH ADDITIONAL LIGHT FIXTURE IN ACCESSORIES.

WALK-IN PANEL		
R-8967		
BUILDING UNITS	R-8967	37M2
USA		
SURFACE BURNING CHARACTERISTICS		
MATERIAL DETAILS	"FLAME SPREAD"	"SMOKE DEVELOPED"
ALUMINUM PANELS, PAINTED OR UNPAINTED, 5" OR LESS	15	350
"GALVANIZED STEEL OR STAINLESS STEEL PANELS, PAINTED OR UNPAINTED, 5" OR LESS"	10	400 TO 500
CORE MATERIAL, 6" THICK	20	250

THE WALK–IN MUST BE INSTALLED ON A PERFECTLY LEVEL AND FLAT SURFACE TO ENSURE PROPER ALIGNMENT AND SMOOTH DOOR OPERATION.

AMERICAN PANEL WALK–IN COOLERS AND FREEZERS COMPLY WITH THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), SECTION C403.11

THIS AMERICAN PANEL WALK–IN WILL BE MANUFACTURED TO UL & NSF REQUIREMENTS. AMERICAN PANEL ACCEPTS NO LIABILITY FOR LOCAL CODE REQUIREMENTS OF WHICH AMERICAN PANEL HAS NOT BEEN MADE AWARE OF IN WRITING PRIOR TO FABRICATION.

INSULATION R–VALUES		
PANEL TYPE	COOLER	FREEZER
4" WALLS, ROOFS	R–29	R–32
5" WALLS, ROOFS	R–36	R–40
FLOORS	R–25	R–28
DOORS	R–32	

FREEZER DOOR	
DOOR FRAME KWHr/DAY	3.600

COOLER DOOR	
DOOR FRAME KWHr/DAY	1.584

ITEM #B4 & B6

☐ APPROVED
☐ APPROVED AS NOTED
☐ REVISE & RESUBMIT

SIGNATURE _____
PRINT NAME _____
DATE _____

1) Please verify that door swing and location are correct.

2) If this walk–in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.

3) All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.

4) ⊕ Electrical: 115–60–1 required above latch side of each door, through ceiling, to operate frame heater and light.

5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.

6) This drawing and information contained herein are the exclusive property of American Panel Corporation. It shall be returned to American Panel Corporation upon demand and shall not be reproduced in whole or part, disclosed to anyone else, or used without the written consent of American Panel Corporation.

REV.	DATE	DESCRIPTION	REV. BY	CHK'D BY
A	7/10/25	ADDED RAMP; REVISED SPECS	DH	WQ

American Panel
AMERICAN PANEL CORPORATION
5800 S.E. 78th St. Ocala, Florida 34472
Ph. (352) 245–7055 Fax (352) 245–0726

CUSTOMER: RICCA DESIGN STUDIOS
PROJECT: SUNY NEW PALTZ – NEW PALTZ, NY
DATE: 8/7/24 | DRAWN BY: GJ/JH | P.O.#:
SCALE: 3/8"=1'–0" | PROPOSAL#: PD212536 | JOB#: | SHEET 1 of 4

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO QUINONEZ QUINONEZ 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

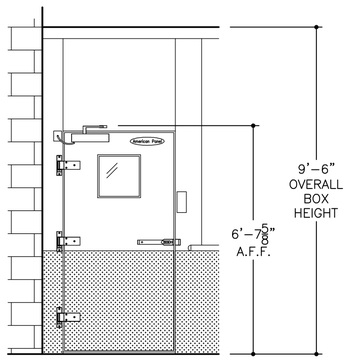
REVISIONS

No.	Description	Date

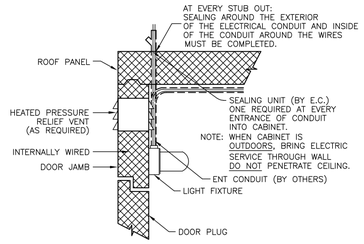
ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Walk-In Drawings
SHEET NUMBER: QF701-1

CONSTRUCTION SET

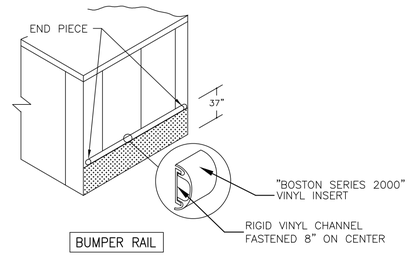
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



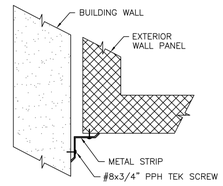
COOLER DOOR ELEVATION



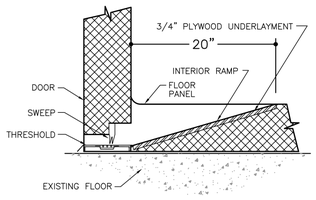
DOOR ELECTRICAL CONNECTION



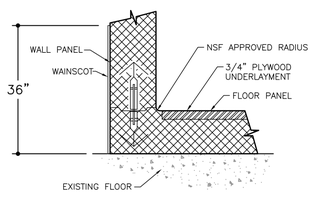
BUMPER RAIL



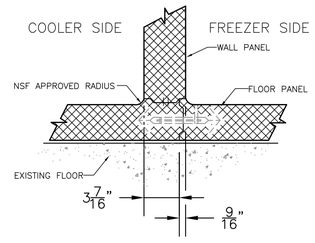
TRIM ANGLE
DETAIL #2



SECTION E – E



SECTION K – K



SPLIT PARTITION FLOOR

☐ APPROVED
☐ APPROVED AS NOTED
☐ REVISE & RESUBMIT

SIGNATURE _____
PRINT NAME _____
DATE _____

1) Please verify that door swing and location are correct.

2) If this walk-in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.

3) All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.

4) Electrical: 115-60-1 required above latch side of each door, through ceiling, to operate frame heater and light.

5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.

6) This drawing and information contained herein are the exclusive property of American Panel Corporation. It shall be returned to American Panel Corporation upon demand and shall not be reproduced in whole or part, disclosed to anyone else, or used without the written consent of American Panel Corporation.

REV.	DATE	DESCRIPTION	REV. BY	CHK'D BY
A	7/10/25	REVISED FLOOR DETAILS	DH	WQ

American Panel

AMERICAN PANEL CORPORATION
5800 S.E. 78th St. Ocala, Florida 34472
Ph. (352) 245-7055 Fax (352) 245-0726

CUSTOMER: RICCA DESIGN STUDIOS
PROJECT: SUNY NEW PALTZ – NEW PALTZ, NY

DATE:	DRAWN BY:	P.O.#:
8/7/24	GJ/JH	
SCALE:	PROPOSAL#:	JOB#: / SHEET
3/8"=1'-0"	PD212536	2 of 4

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO RAMIREZ FERMIN STATE OF NEW YORK 022317

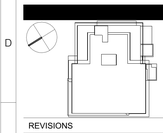
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



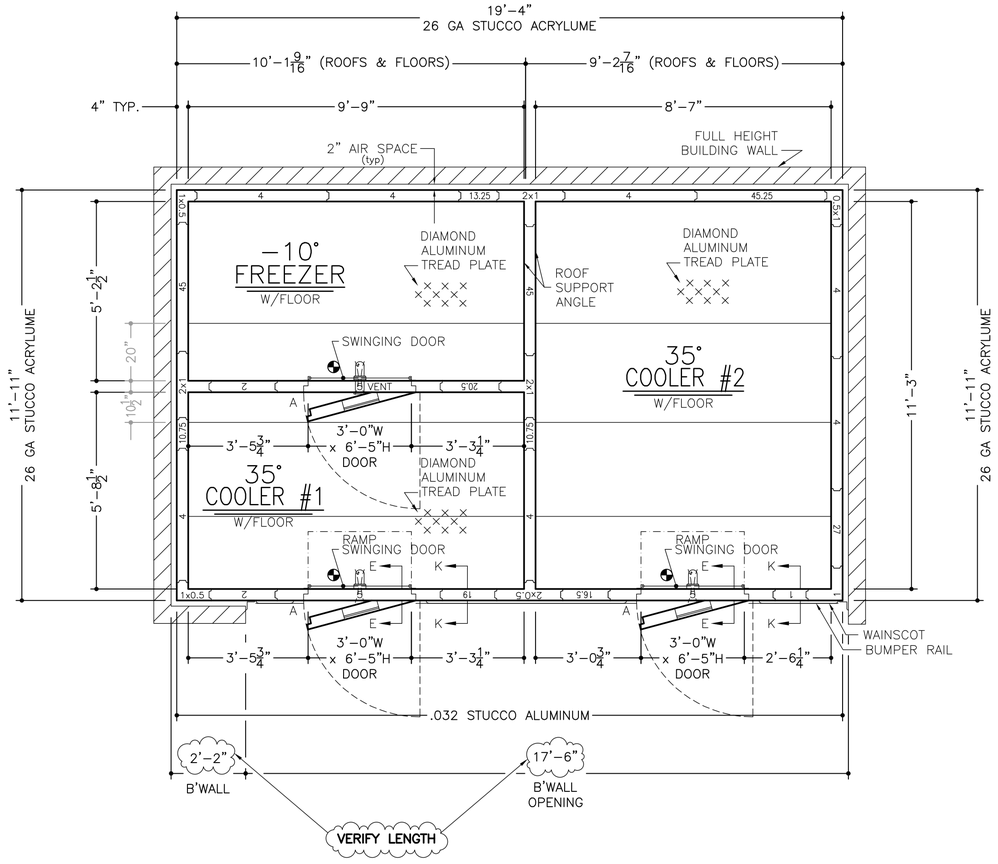
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Walk-In Drawings
SHEET NUMBER: QF701-2

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



~SPECIFICATIONS~

BOX HEIGHT:
FREEZER – 9'–6" OVERALL (8'–10 1/4" INTERIOR)
COOLER #1 – 9'–6" OVERALL (8'–10 1/4" INTERIOR)
COOLER #2 – 9'–6" OVERALL (8'–10 1/4" INTERIOR)

CONSTRUCTION:
FOAMED IN PLACE
NSF LISTED, STANDARD NO. 7

INSULATION:
4" URETHANE, FINISHED PANEL
UL CLASSIFIED FLAME SPREAD 20
CORE SMOKE DEVELOPED 250

INSTALLATION:
INDOOR

FLOOR: (SEE DETAILS)
FREEZER – STANDARD W/3/4" PLYWOOD UNDERLAYMENT
COOLER #1 – STANDARD W/INTERIOR RAMP & 3/4" PLYWOOD UNDERLAYMENT
COOLER #2 – STANDARD W/INTERIOR RAMP & 3/4" PLYWOOD UNDERLAYMENT

DOOR HARDWARE & ACCESSORIES: (EACH DOOR)
DEADBOLT HANDLE W/KEYED CYLINDER LOCK, PADLOCK
PROVISION & QUARTER TURN INSIDE RELEASE (EXTERIOR DOORS ONLY)
FRAME HEATER WIRE
14 GA STAINLESS STEEL THRESHOLD COVER PLATE
GRAINGER #22FC09 (LCN 4011) DOOR CLOSER W/HOLD OPEN FEATURE
IC+ WALK–IN DOOR CONTROLLER AND ALARM SYSTEM INCLUDING:
INTEGRATED LIGHT SWITCH WITH AUTOMATIC LIGHT OFF AND 3–WAY & 4–WAY CAPABILITY
TEMPERATURE MONITOR AND LOGGER WITH HIGH TEMP. AND LOW TEMP. VISUAL AND AUDIO ALARM
F OR C TEMPERATURE SELECTION
INTEGRATED DRY CONTACT FOR ALARM SIGNALING & POWER FAILURE (1A @ 24VAC, 1A @ 30VDC)
DOOR AND WINDOW HEATER CONTROL (WHEN SO EQUIPPED)
HACCP PREVIEW VIA ONBOARD LCD SCREEN
HACCP DOWNLOAD VIA USB
WIFI CONNECTIVITY (INTERNET ENABLED WIFI NETWORK NEEDED)
BATTERY BACKUP
TEMPERATURE ALARM NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
POWER FAILURE NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
(FOR THIS FEATURE TO WORK THE LOCAL WIFI NETWORK MUST BE POWER PROTECTED AND WORKING AT THE TIME OF POWER FAILURE EVENT)
AUTOMATIC AND ON DEMAND TRANSMISSION OF HACCP DATA VIA EMAIL
ADAPTIVE SETTINGS
25' AIR TEMPERATURE PROBE
DOOR SWITCH TO ENABLE DOOR AJAR ALARM, DOOR AJAR NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES, AND AUTOMATIC LIGHTS ON WHEN DOOR OPENS
PANIC ALARM WITH ILLUMINATED PANIC BUTTON, ALARM BUZZER WITH LED, & NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES
KASON SCREW–IN VAPOR PROOF LIGHT FIXTURE
W/8.5 WATT SYLVANIA LED BULB & GLOBE (CENTERED ABOVE DOOR)
CCI CLEAR VU SWINGING DOOR
3 – STD. CAM RISE HINGES
HEATED VISION WINDOW (14" x 14")
1/8" DIAMOND ALUMINUM TREAD PLATE KICKPLATES @ 36" HIGH I/S & O/S
KASON #1827 PRESSURE RELIEF VENT (FREEZER ONLY)

ACCESSORIES: (SHIPPED LOOSE)
2 – PCS. TRIM ANGLE
4 – 48" (1810LC) LED LIGHT FIXTURE(S) @ 40W EACH
1/8" DIAMOND ALUMINUM TREAD PLATE WAINSCOT @ 36" HIGH (EXPOSED EXTERIOR)
VINYL CHANNEL BUMPER RAIL (BOSTON SERIES 2000) W/VINYL INSERT @ 37" A.F.F. (PER PLAN)

METAL FINISHES:
INTERIOR WALLS – WHITE .040 STUCCO ALUMINUM
INTERIOR CEILING – SMOOTH WHITE .040 ALUMINUM (U.S.D.A.)
EXPOSED EXTERIOR – .032 STUCCO ALUMINUM
UNEXPOSED EXTERIOR – 26 GA STUCCO ACRYLUME
EXTERIOR FLOOR & CEILING – 26 GA STUCCO ACRYLUME
INTERIOR FLOOR – 1/8" DIAMOND ALUMINUM TREAD PLATE INTEGRAL

REFRIGERATION: BY OTHERS

NOTE: THE LARGEST DOOR PANEL ON THIS JOB IS 57.5" x 106".
NOTE: THE LARGEST ROOF PANEL ON THIS JOB IS 46.5" x 121.5".
CUSTOMER IS TO VERIFY THAT THIS PANEL SIZE WILL NOT CONFLICT WITH ANY JOB SITE RESTRICTIONS.
NOTE: CUSTOMER IS TO VERIFY ALL DIMENSIONS, SECTIONS, DETAILS AND SPECIFICATIONS
NOTE: MAXIMUM LIGHT CIRCUIT LOAD IS 1200W 120VAC TUNGSTEN, 5A 120VAC ELECTRONIC BALLAST. FOR HIGHER LOADS ADDITIONAL LIGHT FIXTURES MUST BE CONTROLLED VIA RELAY (BY OTHERS).

ELECTRICAL DATA
⏚ = POINT OF ELECTRICAL CONNECTIONS.
WALK–IN DOORS: 115v/1ø – 350w*

*NOTE: ADD WATTAGE FOR EACH ADDITIONAL LIGHT FIXTURE IN ACCESSORIES.

FREEZER DOOR	
DOOR FRAME KWHr/DAY	3.600

COOLER DOOR (EACH)	
DOOR FRAME KWHr/DAY	1.584

INSULATION R–VALUES		
PANEL TYPE	COOLER	FREEZER
4" WALLS, ROOFS	R–29	R–32
5" WALLS, ROOFS	R–36	R–40
FLOORS	R–25	R–28
DOORS	R–32	

ITEM #B79, B81, B85

☐ APPROVED
☐ APPROVED AS NOTED
☐ REVISE & RESUBMIT

SIGNATURE _____
PRINT NAME _____
DATE _____

1) Please verify that door swing and location are correct.
2) If this walk–in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.
3) All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.
4) ⏚ Electrical: 115–60–1 required above latch side of each door, through ceiling, to operate frame heater and light.
5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.
6) This drawing and information contained herein are the exclusive property of American Panel Corporation. It shall be returned to American Panel Corporation upon demand and shall not be reproduced in whole or part, disclosed to anyone else, or used without the written consent of American Panel Corporation.

REV.	DATE	DESCRIPTION	REV. BY	CHK'D BY
A	7/10/25	ADDED RAMP; REVISED SPECS	DH	WQ

American Panel
AMERICAN PANEL CORPORATION
5800 S.E. 78th St. Ocala, Florida 34472
Ph. (352) 245–7055 Fax (352) 245–0726

CUSTOMER: RICCA DESIGN STUDIOS
PROJECT: SUNY NEW PALTZ – NEW PALTZ, NY
DATE: 8/7/24 | DRAWN BY: GJ/JH | P.O.#:
SCALE: 3/8"=1'–0" | PROPOSAL#: PD212536 | JOB#: | SHEET 3 of 4

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIMBY 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

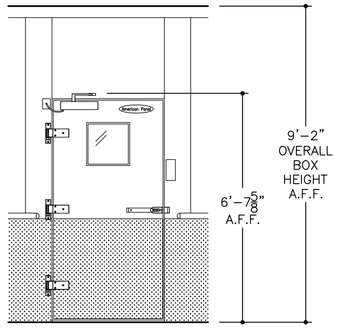
REVISIONS

No.	Description	Date

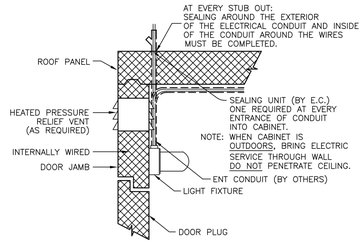
ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Walk-In Drawings
SHEET NUMBER: QF701-3

CONSTRUCTION SET

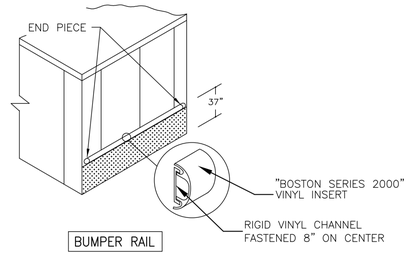
PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



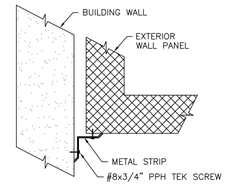
COOLER DOOR ELEVATION
TYP.



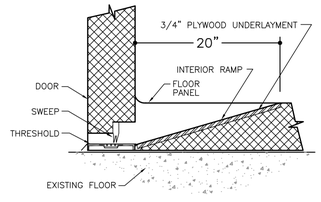
DOOR ELECTRICAL CONNECTION



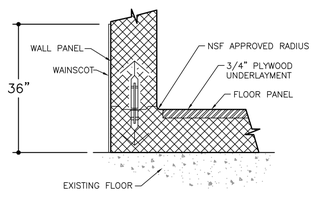
BUMPER RAIL



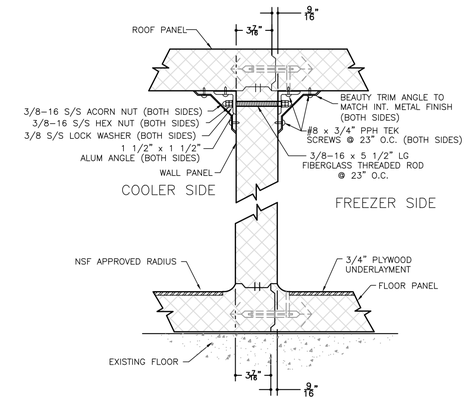
TRIM ANGLE
DETAIL #2



SECTION E – E



SECTION K – K



ROOF SUPPORT ANGLE
SPLIT PARTITION FLOOR & ROOF

☐ APPROVED SIGNATURE _____
☐ APPROVED AS NOTED PRINT NAME _____
☐ REVISE & RESUBMIT DATE _____

1) Please verify that door swing and location are correct.

2) If this walk–in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.

3) All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.

4) Electrical: 115–60–1 required above latch side of each door, through ceiling, to operate frame heater and light.

5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.

6) This drawing and information contained herein are the exclusive property of American Panel Corporation. It shall be returned to American Panel Corporation upon demand and shall not be reproduced in whole or part, disclosed to anyone else, or used without the written consent of American Panel Corporation.

REV.	DATE	DESCRIPTION	REV. BY	CH'D BY
A	7/10/25	REVISED FLOOR DETAILS	DH	WQ

American Panel
AMERICAN PANEL CORPORATION
5800 S.E. 78th St. Ocala, Florida 34472
Ph. (352) 245–7055 Fax (352) 245–0726

CUSTOMER: RICCA DESIGN STUDIOS
PROJECT: SUNY NEW PALTZ – NEW PALTZ, NY
DATE: 8/7/24 | DRAWN BY: GJ/JH | P.O.#:
SCALE: 3/8"=1'–0" | PROPOSAL#: PD212536 | JOB#: | SHEET 4 of 4

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

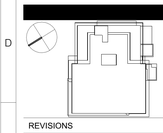
Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNALDO QUIROZ QUIMBAYA 022313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



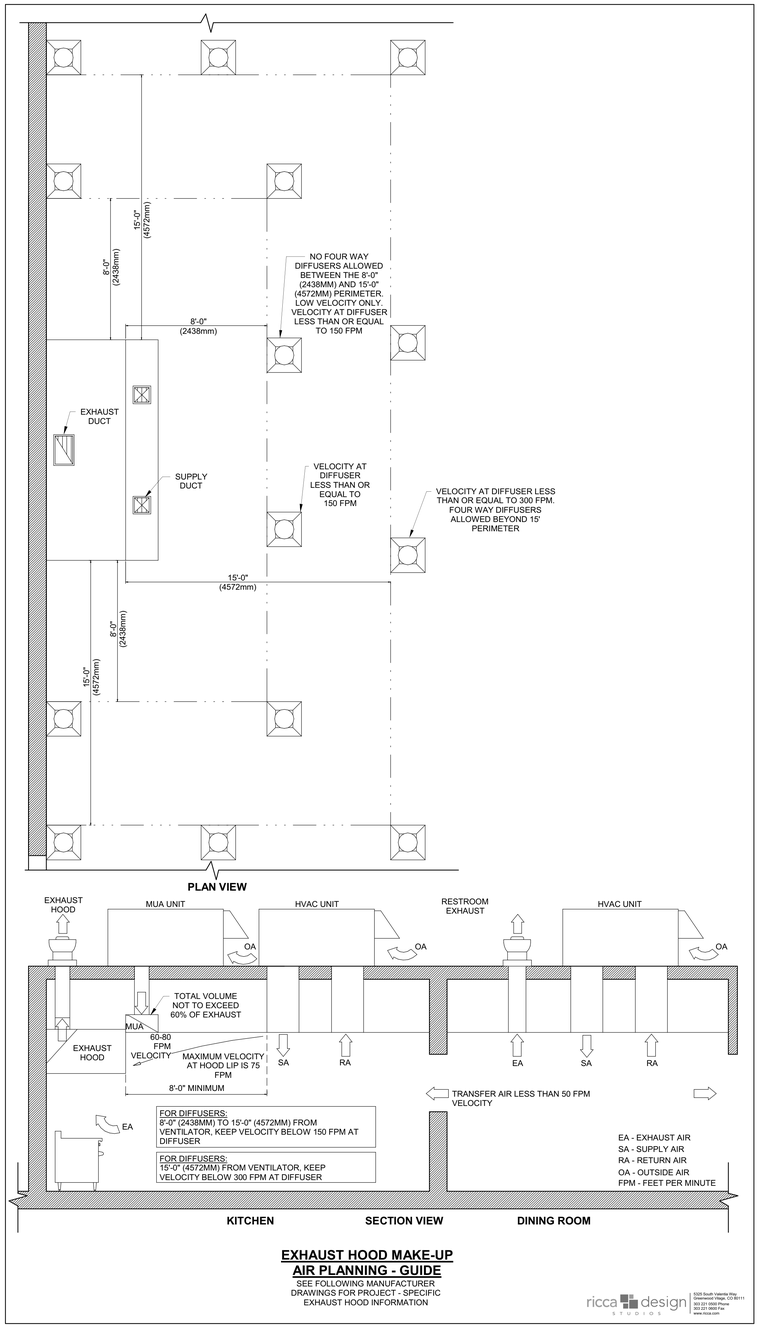
REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Walk-In Drawings
SHEET NUMBER: QF701-4

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



EXHAUST HOOD MAKE-UP AIR PLANNING - GUIDE

SEE FOLLOWING MANUFACTURER DRAWINGS FOR PROJECT - SPECIFIC EXHAUST HOOD INFORMATION

ricca design STUDIOS

5525 South Valentia Way, Greenwood Village, CO 80111
303.221.0800 Phone
303.221.0800 Fax
www.ricca.com

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 022313 STATE OF NEW YORK

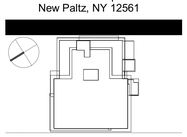
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE: 1/4" = 1'-0"
SHEET NAME:
Foodservice Exhaust Hood Make-Up Air Planning Guide
SHEET NUMBER:
QF702-1

CONSTRUCTION SET

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS						GREASE EXTRACTOR				HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR QTY.	EXHAUST COLLAR LENGTH	EXHAUST COLLAR WIDTH	QTY.	SIZE L	SIZE H	TYPE		
B56.2	KVM	1206	0.24"	0.14"	1	12"	9"	4	20"	13"	KSA	ALL 18 GA. 304 S.S.	753
								1	11"	13"			
B56.1	KVM	1613	0.29"	0.17"	1	12"	11"	5	20"	13"	KSA	ALL 18 GA. 304 S.S.	760
								1	11"	13"			

TOTAL EXH. CFM = 2819

NOTE

HOOD B56.2 TO HAVE 1 BLANK FULL FILTER(S) IN ADDITION TO THE KSA FILTERS LISTED IN HOOD INFORMATION TABLE.

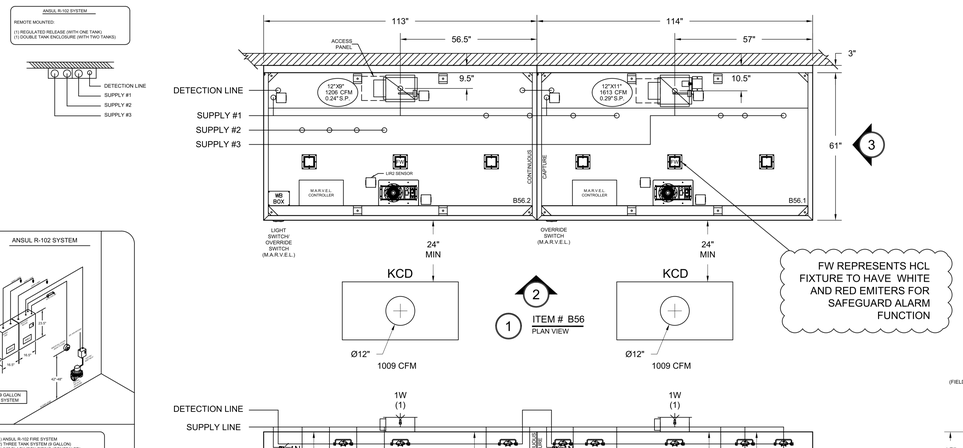
MAKE UP AIR GUIDELINES

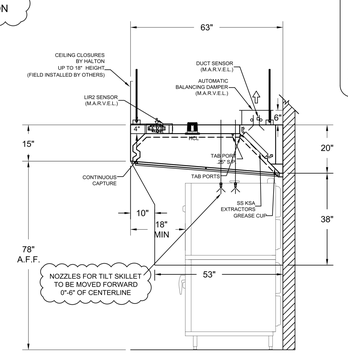
- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2–WAY, 3–WAY OR 4–WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS*.
  *EXCEPTION–HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

A1

NOTE

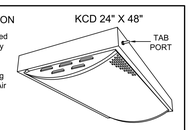
HOOD TO BE SERVED BY KEF-1A & MUA-1

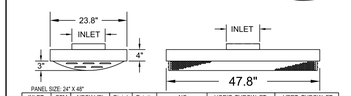




KCD APPLICATION & DESCRIPTION

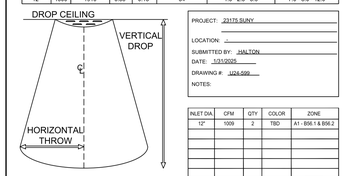
The KCD is a 24" by 48" nominal dimensioned ceiling diffuser to replace 24" by 24" four-way diffusers used in the commercial kitchen environment.
The KCD is also utilized in the Self Balancing Kitchen concept when paired with Variable Air Volume (VAV) devices. Weight is 32 lbs.





INLET DIA.	CFM	NECK VEL. (FPM)	Pstat "w.c.	Ptotal "w.c.	NC (Noise Criteria)	HORIZ. THROW, FT (100-75-50 FPM)	VERT. THROW, FT (100-75-50 FPM)
8"	500	1432	0.28"	0.15"	35	* - * - *	0.3 - 0.5 - 1.0
10"	750	1375	0.25"	0.13"	40	* - * - 1.7	0.6 - 1.2 - 6.5
10"	1000	1833	0.44"	0.23"	49	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1000	1273	0.16"	0.06"	42	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1250	1592	0.26"	0.10"	50	1 - 2.2 - 3.2	2.3 - 7.4 - 12.0
12"	1500	1910	0.38"	0.13"	54	1.5 - 2.5 - 3.6	7.0 - 8.0 - 12.0

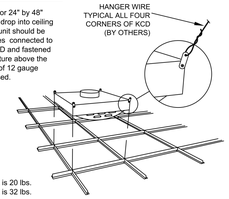
PANEL SIZE: 24" X 48"



INLET DIA.	CFM	QTY	COLOR	ZONE
12"	1009	2	TBD	A1 - B56.1 & B56.2

KCD DIFFUSER SUPPORT DETAIL

The KCD is a 24" by 24" or 24" by 48" ceiling diffuser which will drop into ceiling grid systems. The KCD unit should be supported by hanger wires connected to all four corners of the KCD and fastened securely to the roof structure above the ceiling grid. A minimum of 12 gauge hanger wire should be used.



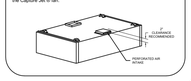
Weight of 24" X 24" KCD is 20 lbs.
Weight of 24" X 48" KCD is 32 lbs.

CEILING CLOSURE PANELS

CAPTURE JET CLEARANCE DETAIL

Capture Jet ® Fan Cover Clearance

Patented Capture Jet ® technology perimeter air jets improve capture and containment of heat and grease emissions. It is very important to leave air space above and around the Capture Jet ® air intake cover on the top of the Hallon hood. Please leave 2 inches of clearance on the top and sides of the perforated Capture Jet ® intake cover to allow unimpeded entrance of air into the Capture Jet ® fan.



GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #1013432049PRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVL BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

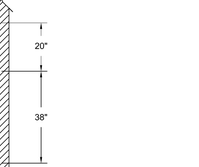
LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS

100W EQUIVALENT CFL OR LED BULBS ARE ACCEPTABLE FOR USE IN THE INCANDESCENT FIXTURE HOUSINGS.

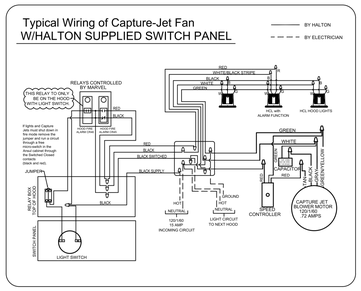
CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____



Typical Wiring of Capture-Jet Fan W/HALTON SUPPLIED SWITCH PANEL



EXHAUST VOLUME DAMPER

MODEL: ABD (Automatic Balancing Damper)

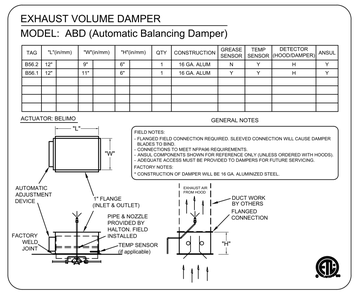
TAG	"L"(mm/mm)	"W"(mm/mm)	"H"(mm/mm)	QTY	CONSTRUCTION	GREASE SENSOR	TEMP SENSOR	DETECTOR (HOOD/DAMPER)	ANSUL
B56.2	12"	9"	6"	1	16 GA. ALUM	N	Y	H	Y
B56.1	12"	11"	6"	1	16 GA. ALUM	Y	Y	H	Y

ACTUATOR: BELIMO

GENERAL NOTES

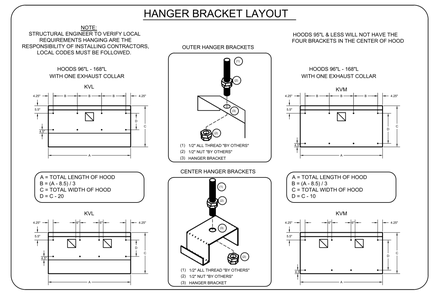
FIELD NOTES:
- FLANGED FIELD CONNECTION REQUIRED. SLEEVED CONNECTION WILL CAUSE DAMPER BLADES TO BIND.
- DAMPER TO MEET NFPA96 REQUIREMENTS.
- ANSUL COMPONENTS SHOWN FOR REFERENCE ONLY (UNLESS ORDERED WITH HOODS).
- ADEQUATE ACCESS MUST BE PROVIDED TO DAMPERS FOR FUTURE SERVICING.

FACTORY NOTES:
* CONSTRUCTION OF DAMPER WILL BE 16 GA. ALUMINIZED STEEL.



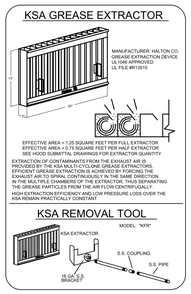
HANGER BRACKET LAYOUT

NOTE:
STRUCTURAL ENGINEER TO VERIFY LOCAL REQUIREMENTS HANGING ARE THE RESPONSIBILITY OF INSTALLING CONTRACTORS, LOCAL CODES MUST BE FOLLOWED.



HOODS 95"L & LESS WILL NOT HAVE THE FOUR BRACKETS IN THE CENTER OF HOOD

KSA GREASE EXTRACTOR



KSA REMOVAL TOOL

PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT." DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE, ENSURING THE SPECIFYING ENGINEER THAT THE SYSTEM WILL PERFORM TO THE ENGINEER'S SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM, WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER:
ANY CHANGES IN COOKING EQUIPMENT SIZES OR INTENDED ENERGY INPUTS OR EQUIPMENT LOCATIONS FROM THOSE SHOWN ON THIS DRAWING MUST BE NOTIFIED IF ANY OF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

APPROVED FOR FABRICATION ☐ REVISE AND RESUBMIT ☐ WITH CHANGES AS NOTED
☐ WITH NO CHANGES

APPROVED BY: _____ DATE: _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
101 INDUSTRIAL DRIVE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

WEBSITE: www.halton.com

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	NO CHANGE	RTC	02.14.25
4	ADDED ANSUL & UPSIZED ANSUL SYSTEM	JIB	03.21.25

PROJECT: 23175 SUNY A1
LOCATION: NEW PALTZ, NY
DRAWN BY: JIB
DATE: 08.02.24
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE: HOOD DETAILS

DRAWING No.: U24-599

REV. NO.: 4

SHEET NO.: 3 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAN SAMUEL GHORBANI 023319 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

SHEET NAME: Foodservice Exhaust Hood Detail

SHEET NUMBER: QF702-4

CONSTRUCTION SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS						GREASE EXTRACTOR			HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR QTY.	EXHAUST COLLAR LENGTH	EXHAUST COLLAR WIDTH	QTY.	SIZE L	SIZE H	TYPE		
B56.4	KVM	1142	0.22"	0.11"	1	12"	8"	5	20"	13"	KSA	ALL 18 GA. 304 S.S.	687
								-	11"	13"			
B56.3	KVM	1082	0.27"	0.15"	1	11"	8"	4	20"	13"	KSA	ALL 18 GA. 304 S.S.	687
								-	11"	13"			

TOTAL EXH. CFM = 2224

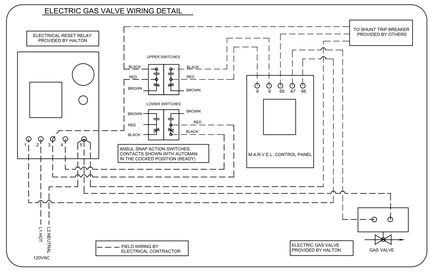
NOTE

HOOD B56.3 TO HAVE 1 BLANK FULL FILTER(S) IN ADDITION TO THE KSA FILTERS LISTED IN HOOD INFORMATION TABLE.

MAKE UP AIR GUIDELINES

- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2–WAY, 3–WAY OR 4–WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS.
*EXCEPTION--HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

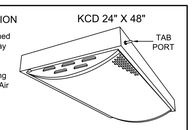
ELECTRIC GAS VALVE WIRING DETAIL



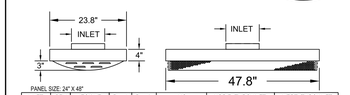
A1

KCD APPLICATION & DESCRIPTION

KCD 24" X 48"

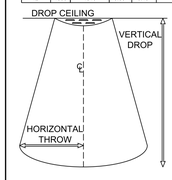


The KCD is a 24" by 48" nominal dimensioned ceiling diffuser to replace 24" by 24" four-way diffusers used in the commercial kitchen environment.
The KCD is also utilized in the Self Balancing Kitchen concept when paired with Variable Air Volume (VAV) devices. Weight is 32 lbs.



PANEL SIZE: 24" X 48"

INLET DIA.	CFM	NECK VEL (FPM)	Pt/at "w.c.	Ps/atic "w.c.	NC (Noise Criteria)	HORIZ. THROW, FT (100-75-50 FPM)	VERT. THROW, FT (100-75-50 FPM)
8"	500	1432	0.28"	0.15"	35	* - * - *	0.3 - 0.5 - 1.0
10"	750	1375	0.25"	0.13"	40	* - * - 1.7	0.6 - 1.2 - 6.5
10"	1000	1833	0.44"	0.22"	49	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1000	1273	0.16"	0.08"	42	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1250	1592	0.26"	0.10"	50	1 - 2.2 - 3.2	2.3 - 7.4 - 12.0
12"	1500	1910	0.36"	0.13"	54	1.5 - 2.5 - 3.6	7.0 - 8.0 - 12.0



PROJECT: 23175 SUNY
LOCATION: ---
SUBMITTED BY: HALTON
DATE: 1/31/2025
DRAWING #: U24-599
NOTES:

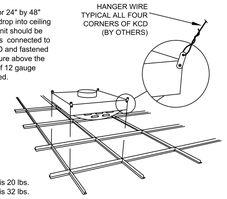
INLET DIA	CFM	QTY	COLOR	ZONE
12"	1009	2	TBD	A1 - B56.3 & B56.4

Halton

NOTE

HOOD TO BE SERVED BY KEF-1B & MUA-1

KCD DIFFUSER SUPPORT DETAIL



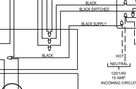
The KCD is a 24" by 24" or 24" by 48" ceiling diffuser which will drop into ceiling grid systems. The KCD unit should be supported by hanger wires connected to all four corners of the KCD and fastened securely to the roof structure above the ceiling grid. A minimum of 12 gauge hanger wire should be used.

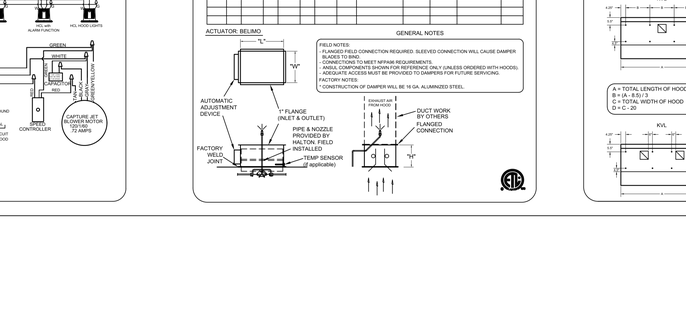
Weight of 24" X 24" KCD is 20 lbs.
Weight of 24" X 48" KCD is 32 lbs.

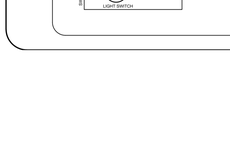
ANSUL R-102 SYSTEM

REMOTE MOUNTED:

(1) ELEC. REGULATED RELEASE (WITH ONE TANK)



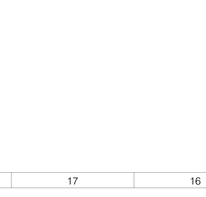


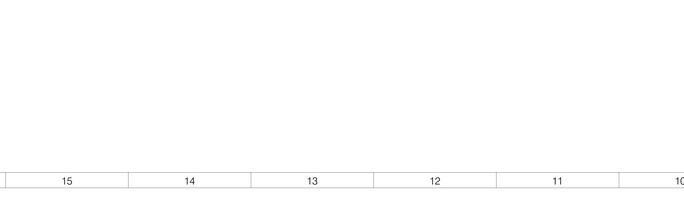


1 ITEM # B56 PLAN VIEW

FW REPRESENTS HCL FIXTURE TO HAVE WHITE AND RED EMITERS FOR SAFEGUARD ALARM FUNCTION

ANSUL R-102 SYSTEM



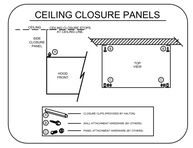


2 ITEM # B56 ELEVATION VIEW



3 ITEM # B56 SECTION VIEW

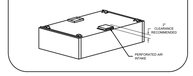
CEILING CLOSURE PANELS



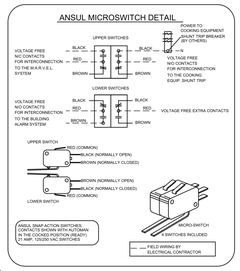
CAPTURE JET CLEARANCE DETAIL

Capture Jet ® Fan Cover Clearance

Patented Capture Jet ® technology perimeter air jets improve capture and containment by creating a downward curtain of air that prevents cross drafts and spills alone and around the Capture Jet ® air intake cover on the top of the Halton hood. Please leave 2 inches of clearance on the top and sides of the perforated Capture Jet ® intake cover to allow unimpeded entrance of air into the Capture Jet ® fan.



ANSUL MICROSWITCH DETAIL



Typical Wiring of Capture-Jet Fan W/HALTON SUPPLIED SWITCH PANEL

EXHAUST VOLUME DAMPER

MODEL: ABD (Automatic Balancing Damper)

TAG	"L"(in/mm)	"W"(in/mm)	"H"(in/mm)	QTY	CONSTRUCTION	GREASE SENSOR	TEMP SENSOR	DETECTOR (HOOD/DAMPER)	ANSUL
B56.4	12"	8"	6"	1	16 GA. ALUM	Y	Y	H	Y
B56.3	11"	8"	6"	1	16 GA. ALUM	N	Y	H	Y

ACTUATOR: BELIMO

GENERAL NOTES

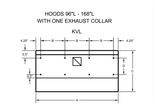
FIELD NOTES:
- FLANGED FIELD CONNECTION REQUIRED. SLEEVED CONNECTION WILL CAUSE DAMPER TO BIND.
- CONNECTIONS TO MEET NFPA96 REQUIREMENTS.
- ANSUL COMPONENTS SHOWN FOR REFERENCE ONLY (UNLESS ORDERED WITH HOODS).
- ADEQUATE ACCESS MUST BE PROVIDED TO DAMPERS FOR FUTURE SERVICING.

FACTORY NOTES:
- CONSTRUCTION OF DAMPER WILL BE 16 GA. ALUMINIZED STEEL.

HANGER BRACKET LAYOUT

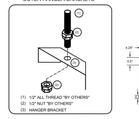
NOTE:
STRUCTURAL ENGINEER TO VERIFY LOCAL REQUIREMENTS HANGING ARE THE RESPONSIBILITY OF INSTALLING CONTRACTORS. LOCAL CODES MUST BE FOLLOWED.

HOODS 96"L - 168"L WITH ONE EXHAUST COLLAR

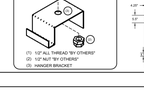


A = TOTAL LENGTH OF HOOD
B = (A - 8.5) / 3
C = TOTAL WIDTH OF HOOD
D = C - 20

OUTER HANGER BRACKETS

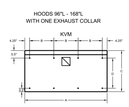


CENTER HANGER BRACKETS

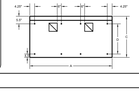


HOODS 95"L & LESS WILL NOT HAVE THE FOUR BRACKETS IN THE CENTER OF HOOD

HOODS 96"L - 168"L WITH ONE EXHAUST COLLAR



A = TOTAL LENGTH OF HOOD
B = (A - 8.5) / 3
C = TOTAL WIDTH OF HOOD
D = C - 10



KSA GREASE EXTRACTOR

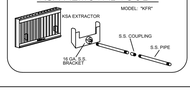


MANUFACTURER: HALTON CO
GREASE EXTRACTION DEVICE
UL 1046 APPROVED
UL FILE #R13819

EFFECTIVE AREA = 1.25 SQUARE FEET PER FULL EXTRACTOR
EFFECTIVE AREA = 0.75 SQUARE FEET PER HALF EXTRACTOR
SEE HOOD SUBMITTAL DRAWINGS FOR EXTRACTOR QUANTITY

EXTRACTOR IS CONSTRUCTED OF 304 S.S. AND IS PROVIDED BY THE KSA MULTICYCLONE GREASE EXTRACTOR. EFFICIENT GREASE EXTRACTION IS ACHIEVED BY FORCING THE EXHAUST AIR TO SPIRAL CONTINUOUSLY IN THE SAME DIRECTION IN THE MULTIPLE CHAMBERS OF THE EXTRACTOR, THUS SEPARATING THE GREASE FROM THE AIR STREAM. AS THE GREASE LOADS, HIGH EXTRACTION EFFICIENCY AND LOW PRESSURE LOSS OVER THE KSA REMAIN PRACTICALLY CONSTANT.

KSA REMOVAL TOOL



PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT." DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE, ENSURING THE SPECIFYING ENGINEER THAT THE SYSTEM WILL PERFORM TO THE ENGINEER'S SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED
IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM. WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #10314320#PRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96; REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C.MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVL BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS

100W EQUIVALENT CFL OR LED BULBS ARE ACCEPTABLE FOR USE IN THE INCANDESCENT FIXTURE HOUSINGS.

CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY.
PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT PLACEMENT MAY REQUIRE A RECALCULATION OF EXHAUST AIRFLOW. IF ONE OF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

APPROVED FOR FABRICATION
WITH NO CHANGES ☐ WITH CHANGES AS NOTED ☐
REVISE AND RESUBMIT ☐
APPROVED BY: DATE:

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301

REV.	REVISION DESCRIPTION	DRAWN BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	NO CHANGE	RTC	02.14.25
4	ADDED ANSUL	JIB	03.21.25

WEBSITE: www.halton.com

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

PROJECT: 23175 SUNY A1
LOCATION: NEW PALT, NY
DRAWN BY: JIB DATE: 08.02.24
SCALE: NOT TO SCALE
CONSULTANT: RICCA

DRAWING TITLE: HOOD DETAILS
DRAWING No.: U24-599
REV. NO.: 4
SHEET NO.: 4 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

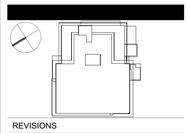
REGISTERED ARCHITECT ARAM SAMUEL GORDON 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Exhaust Hood Detail
SHEET NUMBER: QF702-5

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

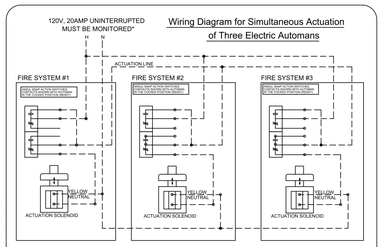
HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS						GREASE EXTRACTOR				HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR QTY.	EXHAUST COLLAR LENGTH	EXHAUST COLLAR WIDTH	QTY.	SIZE L	SIZE H	TYPE		
C17.1	KVM	1941	0.43"	0.31"	1	13"	12"	5	20"	13"	KSA	ALL 18 GA. 304 S.S.	747
								-	11"	13"			
C17.2	KVM	1515	0.29"	0.19"	1	12"	11"	5	20"	13"	KSA	ALL 18 GA. 304 S.S.	740
								-	11"	13"			

TOTAL EXH. CFM = 3456

MAKE UP AIR GUIDELINES
- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2–WAY, 3–WAY OR 4–WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS*.
*EXCEPTION–HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

Wiring Diagram for Simultaneous Actuation of Three Electric Automans



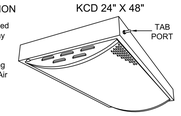
*AUTHORITY HAVING JURISDICTION (AHJ) MAY WAIVE THIS REQUIREMENT, AS THE ANSUL SYSTEMS INCLUDE MECHANICAL DETECTION AND ACTUATION AS A BACKUP DETECTION SYSTEM.

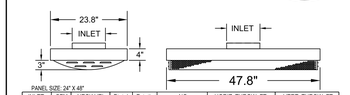
NOTE: WHEN ANY ONE OF THE ELECTRIC AUTOMANS IS ACTIVATED, THE MICROSWITCH WILL TRANSFER TO THE N.O. POSITION COMPLETING THE CIRCUIT TO THE SOLENOID IN THE OTHER ELECTRIC AUTOMAN. THIS WILL ACTIVATE THE AUTOMAN SOLENOID FIRING THE AUTOMAN.

FIELD WIRING BY ELECTRICAL CONTRACTOR

KCD APPLICATION & DESCRIPTION

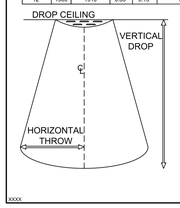
The KCD is a 24" by 48" nominal dimensioned ceiling diffuser to replace 24" by 24" four-way diffusers used in the commercial kitchen environment.
The KCD is also utilized in the Self Balancing Kitchen concept when paired with Variable Air Volume (VAV) devices. Weight is 32 lbs.





PANEL SIZE: 24" X 48"

INLET DIA.	CFM	NECK VEL (FPM)	Pstat "w.c.	Pstatic "w.c.	NC (Noise Criteria)	HORIZ. THROW, FT (100-75-50 FPM)	VERT. THROW, FT (100-75-50 FPM)
8"	500	1432	0.28"	0.15"	35	* - * - *	0.3 - 0.5 - 1.0
10"	750	1375	0.25"	0.13"	40	* - * - 1.7	0.6 - 1.2 - 6.5
10"	1000	1833	0.44"	0.23"	49	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1000	1273	0.16"	0.06"	42	* - 1.3 - 2.5	1.0 - 3.5 - 7.5
12"	1250	1592	0.26"	0.10"	50	1 - 2.2 - 3.2	2.3 - 7.4 - 12.0
12"	1500	1910	0.36"	0.13"	54	1.5 - 2.5 - 3.6	7.0 - 8.0 - 12.0



PROJECT: 23175 SUNY
LOCATION: —
SUBMITTED BY: HALTON
DATE: 1/31/2025
DRAWING #: U24-599
NOTES:

INLET DIA	CFM	QTY	COLOR	ZONE
10"	922	5	TBD	B/CD - C17.1 & C17.2

XXXX

Halton

GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #1037432049PRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVL BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS

100W EQUIVALENT CFL OR LED BULBS ARE ACCEPTABLE FOR USE IN THE INCANDESCENT FIXTURE HOUSINGS.

CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____

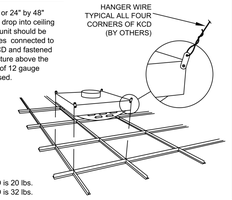
A1

NOTE

HOOD TO BE SERVED BY KEF-1C & MUA-1

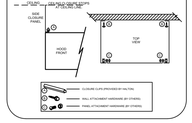
KCD DIFFUSER SUPPORT DETAIL

The KCD is a 24" by 24" or 24" by 48" ceiling diffuser which will drop into ceiling grid systems. The KCD unit should be supported by hanger wires connected to all four corners of the KCD and fastened securely to the roof structure above the ceiling grid. A minimum of 12 gauge hanger wire should be used.



Weight of 24" X 24" KCD is 20 lbs.
Weight of 24" X 48" KCD is 32 lbs.

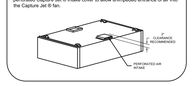
CEILING CLOSURE PANELS

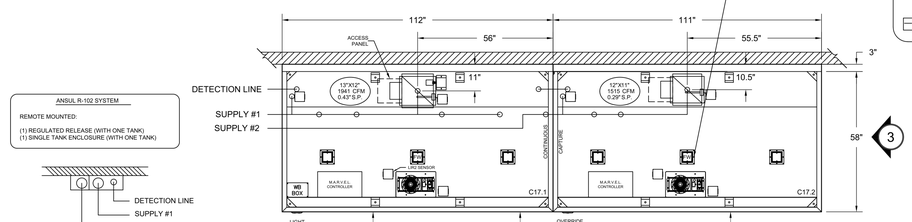


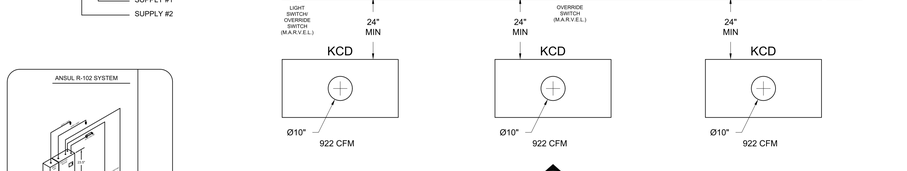
CAPTURE JET CLEARANCE DETAIL

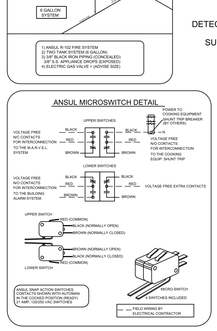
Capture Jet ® Fan Cover Clearance

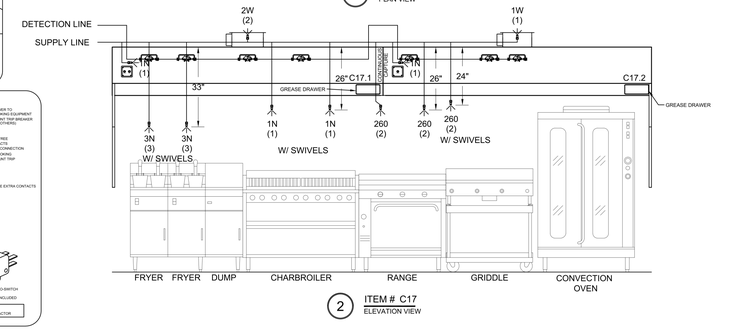
Patented Capture Jet ® technology perimeter air jets improve capture and containment of heat and grease emissions. It is very important to leave air space above and around the Capture Jet ® air intake cover on the top of the Halton hood. Please leave 2 inches of clearance on the top and sides of the perforated Capture Jet ® intake cover to allow unimpeded entrance of air into the Capture Jet ® fan.

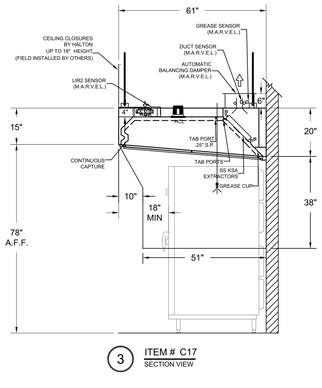












KSA GREASE EXTRACTOR

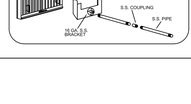


EFFECTIVE AREA = 1.25 SQUARE FEET PER FULL EXTRACTOR
EFFECTIVE AREA = 0.75 SQUARE FEET PER HALF EXTRACTOR
SEE HOOD SUBMITTAL DRAWINGS FOR EXTRACTOR QUANTITY

EXTRACTION OF CONTAMINANTS FROM THE EXHAUST AIR IS PROVIDED BY THE KSA MULTI-CYCLONE GREASE EXTRACTORS. EFFICIENT GREASE EXTRACTION IS ACHIEVED BY FORCING THE GREASE LADEN AIR THROUGH A SERIES OF 180° DIRECTION IN THE MULTIPLE CHAMBERS OF THE EXTRACTOR, THUS SEPARATING THE GREASE PARTICLES FROM THE AIR FLOW CENTRIFUGALLY.

HIGH EXTRACTION EFFICIENCY AND LOW PRESSURE LOSS OVER THE KSA REMAIN PRACTICALLY CONSTANT.

KSA REMOVAL TOOL



PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

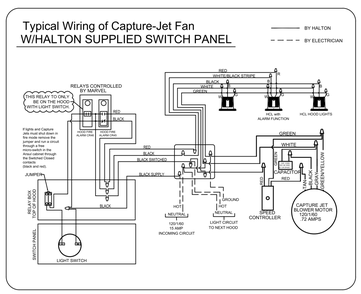
EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT." DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE, ENSURING THE SPECIFYING ENGINEER THAT THE SYSTEM WILL PERFORM TO THE ENGINEER'S SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM, WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

Typical Wiring of Capture-Jet Fan W/HALTON SUPPLIED SWITCH PANEL



EXHAUST VOLUME DAMPER

MODEL: ABD (Automatic Balancing Damper)

TAG	"L"(in/mm)	"W"(in/mm)	"H"(in/mm)	QTY	CONSTRUCTION	GREASE SENSOR	TEMP SENSOR	DETECTOR (HOOD/DAMPER)	ANSUL
C17.1	13"	12"	6"	1	16 GA. ALUM	Y	Y	H	Y
C17.2	12"	11"	6"	1	16 GA. ALUM	N	Y	H	Y

ACTUATOR: BELIMO

GENERAL NOTES

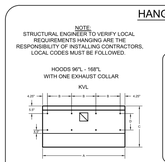
FIELD NOTES:
- FLANGED FIELD CONNECTION REQUIRED. SLEEVED CONNECTION WILL CAUSE DAMPER BLADES TO BIND.
- CONNECTIONS TO MEET NFPA96 REQUIREMENTS.
- ADJUSTMENTS AND PARTS SHOWN FOR REFERENCE ONLY (UNLESS ORDERED WITH HOODS).
- ADEQUATE ACCESS MUST BE PROVIDED TO DAMPERS FOR FUTURE SERVICING.

FACTORY NOTES:
* CONSTRUCTION OF DAMPER WILL BE 16 GA. ALUMINIZED STEEL.

HANGER BRACKET LAYOUT

NOTE:
STRUCTURAL ENGINEER TO VERIFY LOCAL REQUIREMENTS.HANGING ARE THE RESPONSIBILITY OF INSTALLING CONTRACTORS, LOCAL CODES MUST BE FOLLOWED.

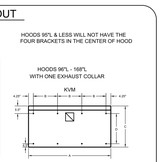
HOODS 96"L - 168"L WITH ONE EXHAUST COLLAR



OUTER HANGER BRACKETS



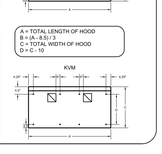
HOODS 96"L - 168"L WITH ONE EXHAUST COLLAR



CENTER HANGER BRACKETS



HOODS 95"L & LESS WILL NOT HAVE THE FOUR BRACKETS IN THE CENTER OF HOOD



ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

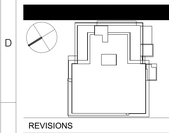
REGISTERED ARCHITECT ARAM SAMUEL GORGINIAN 032313 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT FOOTPRINT MAY REQUIRE ADDITIONAL EXHAUST AIRFLOW. IF ANY OF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

APPROVED FOR FABRICATION ☐ WITH CHANGES AS NOTED
☐ REVISE AND RESUBMIT
☐ WITH NO CHANGES

APPROVED BY _____ DATE _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

☐ HALTON CO. (CANADA)
3025 BRIGHTON PLACE
MISSISSAUGA, ONTARIO L4T 3R7
1-905-624-0301

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	REVISED FAN LAYOUT & SHEET NUMBER	RTC	02.14.25
4	ADDED ANSUL	JIB	03.21.25

WEBSITE: www.halton.com

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, NY 14546
1-270-237-5600

PROJECT: 23175 SUNY A1
LOCATION: NEW PALT, NY
DRAWN BY: JIB
DATE: 08.02.24
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE:
HOOD DETAILS

DRAWING No.:
U24-599

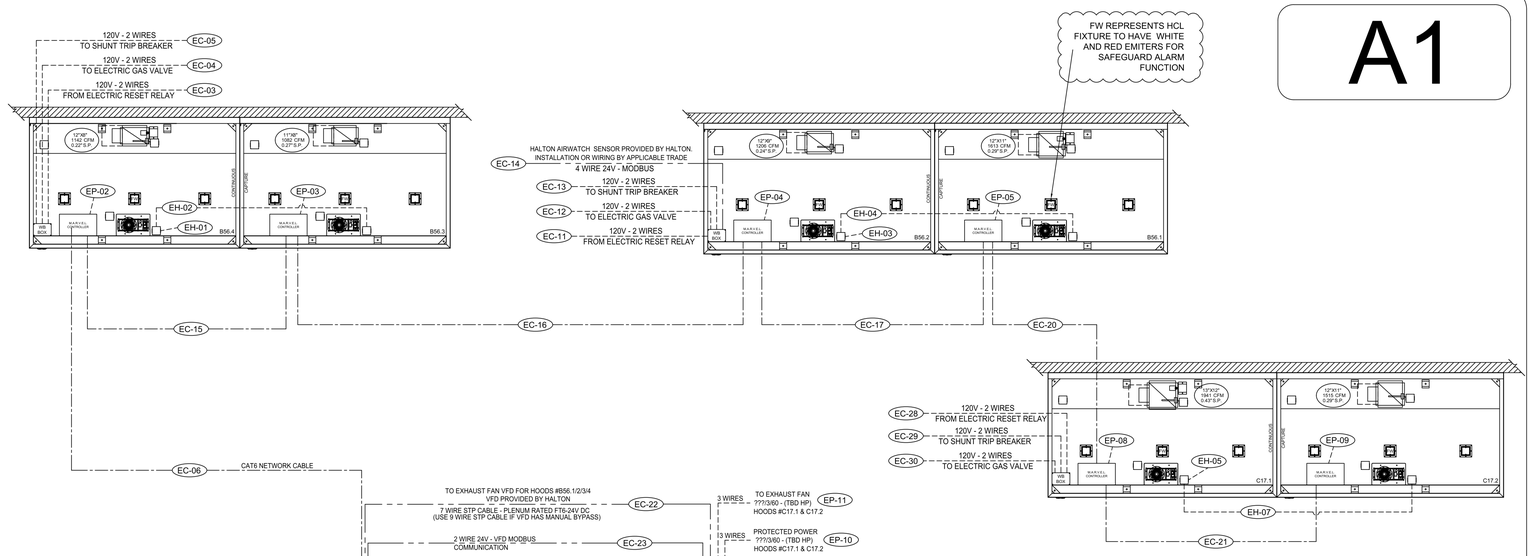
REV. NO.: 4
SHEET NO.: 5 of 12

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME:
Foodservice Exhaust Hood Detail
SHEET NUMBER:
QF702-6

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

A1



FAN CONFIGURATION DATA FOR M.A.R.V.E.L.

Exhaust Data:

EF Item #: _____ Voltage/Phase/Hertz: _____

EF HP: _____ ____ / ___ / ___

Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____

EF HP: _____ ____ / ___ / ___

Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____

EF HP: _____ ____ / ___ / ___

Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____

EF HP: _____ ____ / ___ / ___

Hood Item #'s connected to this fan: _____

Make Up Air Data:

Quantity of MUA "Zones": _____

Hood Item #'s located in Zone 1: _____

Hood Item #'s located in Zone 2: _____

HALTON SAFEGAURD SEQUENCE OF OPERATIONS

M.A.R.V.E.L.

START UP & SHUTDOWN
- OFF
- IDLE
- COOKING OR ACTIVE MODE

MAKE UP AIR
- START/STOP
- 0-10V OUTPUT TOTAL MUA DEMAND

FIRE MODE SEQUENCE

STANDARD OVERRIDE FEATURE

- ☐ M.A.R.V.E.L. 1
- ☐ M.A.R.V.E.L. 2
  SAME SEQUENCE AS M.A.R.V.E.L - ADD ABD ADJUSTMENT FOR INDIVIDUAL HOOD CONTROL
- ☐ M.A.R.V.E.L. PLUS

SAME SEQUENCE AS M.A.R.V.E.L
- MUA OUTPUT TO BMS SPLIT OR WHOLE
- HALTON PROVIDED VAV-BOXES
- OUTPUT TO CONTROL VAVS

- ☐ HALTON AIRWATCH
- ☐ HALTON CONNECT (EDGE)
- ☐ HALTON FIREWATCH
  - ☐ STAGE 1 - ALARM ONLY
  - ☐ STAGE 2 - ALARM + SHUTDOWN

COMMUNICATION WIRING NOTE:

MAXIMUM LENGTH OF CABLES BETWEEN ANY THREE CONTROLLERS (CONTROL PANELS, HOODS, ETC) IN SERIES IS 328 FEET (100 METERS). THIS ALLOWS CONTINUED COMMUNICATION THROUGH A FAILED CONTROLLER. IF GREATER CABLE LENGTH IS NEEDED BETWEEN CONTROLLERS, AN INLINE ETHERNET BOOSTER MUST BE SPECIFIED AND USED.

NOTES:

ALL FIELD WIRING AND CONNECTION POINTS ARE SUBJECT TO CHANGE DUE TO ELECTRICAL COMPONENT(S) UPDATE OR OBSOLESCENCE. HALTON WILL NOT BE LIABLE FOR ANY CHANGE ORDERS BASED ON DRAWINGS CREATED ONE OR MORE YEARS PRIOR TO PRODUCTION. WHEN RELEASED AN UPDATED SET OF ELECTRICAL DIAGRAMS(S) WILL BE SUPPLIED.

SAFEGUARD SCOPE OF WORK

RESPONSIBILITY TO BE SELECTED BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

M.A.R.V.E.L. I SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. II SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS WILL VARY PER SYSTEM, REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL. LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE KITCHEN HOODS BEING SERVED BY PANEL. (M.A.R.V.E.L. I HOOD SYSTEMS WILL NOT HAVE SUCH PANEL)
2. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT M.A.R.V.E.L. CONTROL PANEL
3. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL RJ45 CAT6 CABLE CONNECTION AT M.A.R.V.E.L. CONTROL PANEL FOR M.A.R.V.E.L. II SYSTEMS OR AT KITCHEN HOOD FOR M.A.R.V.E.L. I SYSTEMS FOR I.P. ADDRESS.
4. APPLICABLE CONTRACTOR TO INSTALL HALTON AIRWATCH SENSOR (SUPPLIED BY HALTON) IN SAME SPACE AS KITCHEN HOOD SYSTEM AND 48"-54" A.F.F. NEAREST MUA T-STAT.
5. APPLICABLE CONTRACTOR SHALL SUPPLY AND RUN 24V, 4 WIRE CABLE CONNECTION FROM HALTON AIRWATCH SENSOR TO KITCHEN HOOD
6. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 2 WIRE 24V DC WIRING FROM ANSUL FIRE SYSTEM EITHER TO M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR TO KITCHEN HOOD (M.A.R.V.E.L. I).
7. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM HOOD TO HOOD AND TO PANEL AS SHOWN IN HALTON M.A.R.V.E.L. DIAGRAM.
8. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 4 WIRE MUA SIGNAL (0-10V & START/STOP) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO BMS OR DDC.
9. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 7 WIRE STP PLENUM RATED CABLE (9 WIRE STP CABLE IF VFD IS PROVIDED WITH BYPASS) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO EXHAUST FAN VFD(S) (VFD'S AND CABINET SUPPLIED BY HALTON UNLESS OTHERWISE NOTED)
10. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM CONTROL PANEL TO VFD, FOR MODBUS COMMUNICATION.
11. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE VFD(S). LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN 150 FEET MAX DISTANCE FROM EXHAUST FAN(S).
12. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FEED FROM CIRCUIT BREAKER(S) TO VFD(S). APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FROM VFD(S) TO EXHAUST / MUA (IF APPLICABLE) MOTORS. ALL TO BE RAN IN SEPARATE CONDUIT.
13. APPLICABLE CONTRACTOR SHALL INSTALL GREASE SENSOR(S), IF PROVIDED, IN MAIN EXHAUST TRUNK, AND WIRE THE SENSOR BACK TO THE DESIGNATED LOCATION.
14. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT EACH KITCHEN HOOD. (IF HOODS ARE UV, A SECOND 115V DEDICATED CIRCUIT IS REQUIRED.)
15. INSTALLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ADEQUATE ACCESS TO ALL COMPONENTS LOCATED ABOVE HOOD.
16. HALTON REPRESENTATIVE TO PERFORM FINAL FIELD COMMISSIONING ONCE ALL RESPONSIBILITIES ARE COMPLETED ABOVE.
17. IF FIREWATCH OPTION IS PRESENT APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL ADDITIONAL WIRING FROM THE ELECTRIC RESET RELAY TO THE CONTROL PANEL. CONTROL PANEL TO THE ELECTRIC GAS VALVE AND CONTROL PANEL TO BUILDING ELECTRICAL PANEL SHUNT TRIP.

NOTES:

ALL WIRING AND CABLING TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE

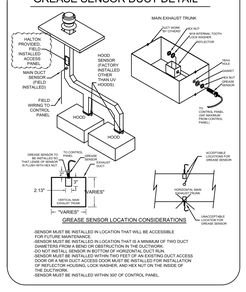
NOTES:

ALL FAN MOTORS MUST BE COMPATIBLE WITH VARIABLE FREQUENCY DRIVES (VFD'S). ALL MOTORS MUST BE CONNECTED TO THREE PHASE POWER. ELECTRONICALLY COMMUTATED MOTORS (ECM) ARE ALSO ACCEPTABLE IF SINGLE PHASE POWER IS TO BE USED. (24V POWER SUPPLY TO THE ECM IS BY OTHERS)

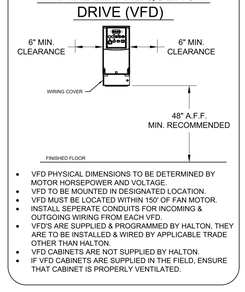
NOTES:

ALL VARIABLE FREQUENCY DRIVES (VFD'S) MUST BE INSTALLED WITHIN 150' OF THE EXHAUST FAN.

GREASE SENSOR DUCT DETAIL

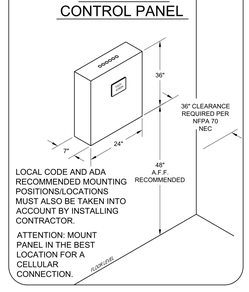


VARIABLE FREQUENCY DRIVE (VFD)



- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR HORSEPOWER AND VOLTAGE.
- VFD TO BE MOUNTED IN DESIGNATED LOCATION.
- VFD MUST BE LOCATED WITHIN 150' OF FAN MOTOR.
- INSTALL SEPERATE CONDUITS FOR INCOMING & OUTGOING WIRING FROM EACH VFD.
- VFD'S ARE SUPPLIED & PROGRAMMED BY HALTON, THEY ARE TO BE INSTALLED & WIRED BY APPLICABLE TRADE OTHER THAN HALTON.
- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
- IF VFD CABINETS ARE SUPPLIED IN THE FIELD, ENSURE THAT CABINET IS PROPERLY VENTILATED.

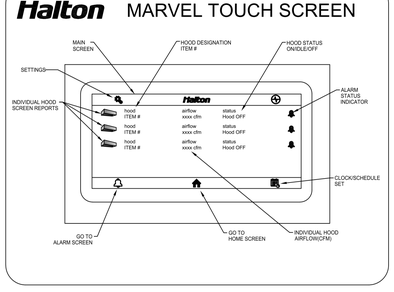
M.A.R.V.E.L. CONTROL PANEL



LOCAL CODE AND ADA RECOMMENDED MOUNTING POSITIONS/LOCATIONS MUST ALSO BE TAKEN INTO ACCOUNT BY INSTALLING CONTRACTOR.

ATTENTION: MOUNT PANEL IN THE BEST LOCATION FOR A CELLULAR CONNECTION.

Halton MARVEL TOUCH SCREEN



M.A.R.V.E.L. SYSTEM

M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL= 10 AMPS EA.

M.A.R.V.E.L. PLC AT EACH HOOD SECTION= 4 AMPS EA. (MAXIMUM 3 M.A.R.V.E.L. HOOD PLC'S PER 15A CIRCUIT)

ALL CIRCUITS ARE NOT TO EXCEED 15 AMP

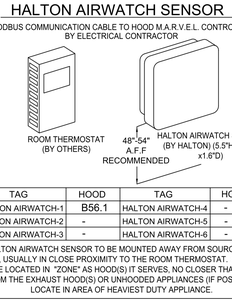
NOTES:

- FIELD WIRING (BY E.C.) - 120V - 12AWG MIN.-10AWG MAX.
- FIELD WIRING (BY E.C.) - Building Source Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - Appliance Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - 24V - 22AWG MIN.-16AWG MAX.
- FIELD WIRING (BY E.C.) - 24V - CAT6

(FIG 1-1)

HALTON AIRWATCH SENSOR

MODBUS COMMUNICATION CABLE TO HOOD M.A.R.V.E.L. CONTROLLER BY ELECTRICAL CONTRACTOR



TAG	HOOD	TAG	HOOD
HALTON AIRWATCH-1	B56.1	HALTON AIRWATCH-4	-
HALTON AIRWATCH-2	-	HALTON AIRWATCH-5	-
HALTON AIRWATCH-3	-	HALTON AIRWATCH-6	-

HALTON AIRWATCH SENSOR TO BE MOUNTED AWAY FROM SOURCES OF HEAT, USUALLY IN CLOSE PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN "ZONE" AS HOOD(S) IT SERVES, NO CLOSER THAN 10'-12' FROM THE EXHAUST HOOD(S) OR UNHOODED APPLIANCES (IF POSSIBLE). LOCATE IN AREA OF HEAVIEST DUTY APPLIANCE.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. ELECTRICAL REQUIREMENTS
3. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT ADDITIONS MAY REQUIRE ADDITIONAL MAKE-UP AIR AND EXHAUST AIR. ANY SUCH CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

☐ REVISE AND RESUBMIT

APPROVED FOR FABRICATION
☐ WITH NO CHANGES ☐ WITH CHANGES AS NOTED

APPROVED BY: DATE:

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

☐ HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ONTARIO L4W 3R7
1-905-624-0301

☒ HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, NY 14546
1-270-237-5600

WEBSITE: www.halton.com

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	REVISED FAN LAYOUT & SHEET NUMBER	RTC	02.14.25
4	NO CHANGE	JIB	03.21.25

PROJECT: 23175 SUNY A1
LOCATION: NEW PALT. NY
DRAWN BY: JIB
DATE: 01.31.25
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE: DEMAND CONTROL DETAILS

DRAWING No.: U24-599

REV. NO.: 4

SHEET NO.: 6 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO RAMIREZ, JR. DOMENICO 022313 STATE OF NEW YORK

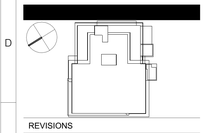
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

SHEET NAME:
Foodservice Exhaust Hood Detail

SHEET NUMBER:
QF702-7

CONSTRUCTION SET

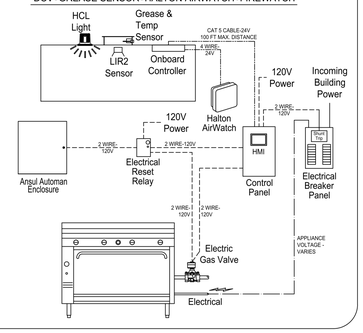
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

A1

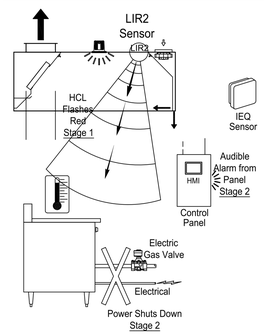
ELECTRICAL CONNECTION SCHEDULE

CONNECTION #	CONNECTION DESCRIPTION	TYPE	FROM	TO
	HOOD CONNECTIONS (EH)			
EH-01	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.4
EH-02	HOOD TO HOOD - FIELD CONNECTION	3-WIRE, 120V	HOOD B56.4	HOOD B56.3
EH-03	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.2
EH-04	HOOD TO HOOD - FIELD CONNECTION	3-WIRE, 120V	HOOD B56.2	HOOD B56.1
EH-05	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.1
EH-06	HOOD TO HOOD - FIELD CONNECTION	3-WIRE, 120V	HOOD C17.1	HOOD C17.2
	CONTROLS POWER CONNECTIONS (EP)			
EP-01	CONTROL PANEL POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	CONTROL PANEL 02
EP-02	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.4
EP-03	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.3
EP-04	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.2
EP-05	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD B56.1
EP-06	VFD POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	BUILDING SOURCE	EXH FAN VFD
EP-07	EXH FAN POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	EXH FAN VFD	EXH FAN MOTOR
EP-08	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.1
EP-09	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.2
EP-10	VFD POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	BUILDING SOURCE	EXH FAN VFD
EP-11	EXH FAN POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	EXH FAN VFD	EXH FAN MOTOR
EP-12	VFD POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	BUILDING SOURCE	EXH FAN VFD
EP-13	EXH FAN POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	EXH FAN VFD	EXH FAN MOTOR
	CONTROLS CONNECTIONS (EC)			
EC-01	FIRE MODE SIGNAL	2-WIRE, 24V	CONTROL PANEL 02	FIRE SYSTEM
EC-02	NOT USED	-	-	-
EC-03	FIREWATCH - POWER FROM RESET RELAY	2-WIRE, 120V	RESET RELAY	HOOD B56.4
EC-04	FIREWATCH - TO ELECTRIC GAS VALVE	2-WIRE, 120V	HOOD B56.4	GAS VALVE
EC-05	FIREWATCH - TO SHUNT TRIP BREAKER	2-WIRE, 120V	HOOD B56.4	SHUNT TRIP
EC-06	NETWORK CABLE - HOOD COMMUNICATION	CAT6	CONTROL PANEL 02	HOOD B56.4
EC-07	MUA SIGNAL - START/STOP, DEMAND LEVEL (0-10V)	4-WIRE, 24V	CONTROL PANEL 02	BMS
EC-08	VFD CONTROL WIRING	7-WIRE, 24V, PLEMUM RATED	CONTROL PANEL 02	EXH FAN VFD
EC-09	VFD MODBUS COMMUNICATION	2-WIRE, 24V	CONTROL PANEL 02	EXH FAN VFD
EC-10	MAIN DUCT GREASE SENSOR - FIELD CONNECTION	3-WIRE, 24V	CONTROL PANEL 02	GREASE SENSOR
EC-11	FIREWATCH - POWER FROM RESET RELAY	2-WIRE, 120V	RESET RELAY	HOOD B56.2
EC-12	FIREWATCH - TO ELECTRIC GAS VALVE	2-WIRE, 120V	HOOD B56.2	GAS VALVE
EC-13	FIREWATCH - TO SHUNT TRIP BREAKER	2-WIRE, 120V	HOOD B56.2	SHUNT TRIP
EC-14	HALTON AIRWATCH SENSOR - FIELD CONNECTION	4-WIRE, 24V	HOOD B56.2	HALTON AIRWATCH SENSOR
EC-15	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD B56.4	HOOD B56.3
EC-16	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD B56.3	HOOD B56.2
EC-17	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD B56.2	HOOD B56.1
EC-18	RJ45 NETWORK CABLE - PANEL TO PANEL	CAT6	CONTROL PANEL 01	CONTROL PANEL 02
EC-19	RJ45 NETWORK CABLE - PANEL TO PANEL	CAT6	CONTROL PANEL 02	CONTROL PANEL 03
EC-20	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD B56.1	HOOD C17.1
EC-21	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD C17.1	HOOD C17.2
EC-22	VFD CONTROL WIRING	7-WIRE, 24V, PLEMUM RATED	CONTROL PANEL 02	EXH FAN VFD
EC-23	VFD MODBUS COMMUNICATION	2-WIRE, 24V	CONTROL PANEL 02	EXH FAN VFD
EC-24	MAIN DUCT GREASE SENSOR - FIELD CONNECTION	3-WIRE, 24V	CONTROL PANEL 02	GREASE SENSOR
EC-25	VFD CONTROL WIRING	7-WIRE, 24V, PLEMUM RATED	CONTROL PANEL 02	EXH FAN VFD
EC-26	VFD MODBUS COMMUNICATION	2-WIRE, 24V	CONTROL PANEL 02	EXH FAN VFD
EC-27	MAIN DUCT GREASE SENSOR - FIELD CONNECTION	3-WIRE, 24V	CONTROL PANEL 02	GREASE SENSOR
EC-28	FIREWATCH - POWER FROM RESET RELAY	2-WIRE, 120V	RESET RELAY	HOOD C17.1
EC-29	FIREWATCH - TO ELECTRIC GAS VALVE	2-WIRE, 120V	HOOD C17.1	GAS VALVE
EC-30	FIREWATCH - TO SHUNT TRIP BREAKER	2-WIRE, 120V	HOOD C17.1	SHUNT TRIP
	GROUND CONNECTIONS (EG)			
	NOT USED			

HALTON SAFEGUARD
DCV+GREASE SENSOR+HALTON AIRWATCH+FIREWATCH



HALTON SAFEGUARD
DCV+GREASE SENSOR+IEQ+FIREWATCH



Halton SafeGuard is a comprehensive kitchen monitor and control system.
The FireWatch component is a 24/7 electronic fire warning system with data backup. IEQ Sensor monitors kitchen air quality and displays a message on HMI touch screen if air quality degrades below norms. Additional fresh air will be brought into the space.
During normal kitchen operation SafeGuard monitors heat signatures of cooking surfaces and the kitchen hood's plenum air temperatures. If elevated appliance temperature is detected, SafeGuard goes to Stage 1

Stage 1: Visual warning is initiated - Flashing HCL light at hood and text warning on HMI touch screen. **Intervention by the kitchen staff should take place immediately to lower temperatures at appliances to prevent a potential fire. If action is not taken, system may proceed to Stage 2 - AN APPLIANCE FIRE IS HIGHLY LIKELY AT THIS POINT!**
Stage 2 – Visual warnings and audible warnings are initiated - Flashing HCL light at hood, text warning on touch screen and also buzzer at touch screen if the situation has not been addressed. Intervention should take place by the kitchen staff at this point to prevent a fully involved appliance fire and fire suppression system discharge. Equipment should be manually turned off or, if equipped with the optional SafeGuard **Equipment Shut Down** feature, the system will automatically shut off all equipment.

A quick reset of appliances may be accomplished once the dangerous conditions are cleared.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.
NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT PLACEMENT MAY REQUIRE ADDITIONAL MAKE-UP AIR. FAILURE TO ADJUST FOR THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.
REVISE AND RESUBMIT
APPROVED FOR FABRICATION
WITH NO CHANGES
WITH CHANGES AS NOTED
APPROVED BY
DATE

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:
HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301
WEBSITE: www.halton.com
HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	REVISED CONNECTIONS	RTC	02.14.25
4	NO CHANGE	JIB	03.21.25

PROJECT: 23175 SUNY A1
LOCATION: NEW PALT. NY
DRAWN BY: JIB
DATE: 01.31.25
SCALE: NOT TO SCALE
CONSULTANT: RICCA
Halton
DRAWING TITLE: DEMAND CONTROL DETAILS
DRAWING No.: U24-599
REV. NO.: 4
SHEET NO.: 7 of 12

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

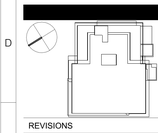
Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJANO 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Exhaust Hood Detail
SHEET NUMBER: QF702-8

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS						GREASE EXTRACTOR				HOOD CONSTRUCTION	HOOD WEIGHT (LBS)	SUPPLY AIR REQUIREMENTS					PLENUM WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR			QTY.	SIZE		TYPE			SUPPLY CFM	SUPPLY STATIC PRESSURE	SUPPLY COLLAR			
					QTY.	LENGTH	WIDTH		L	H						QTY.	LENGTH	WIDTH	
C97	KVE	1683	0.41"	0.29"	1	18"	12"	7	20"	13"	KSA	ALL 18 GA. 304 S.S.	895	2147	0.09"	1	24"	12"	233
								-	11"	13"									
C111	KVE	1931	0.20"	0.13"	2	10"	10"	8	20"	13"	KSA	ALL 18 GA. 304 S.S.	1260	1545	0.05"	1 EA.	12"	10"	140 EA.
								-	11"	13"									

TOTAL EXH. CFM = 3614

TOTAL SUPPLY CFM = 3692

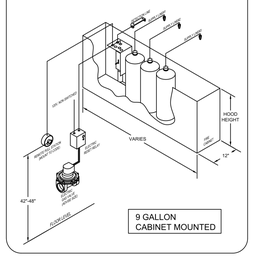
MAKE UP AIR GUIDELINES

- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2-WAY, 3-WAY OR 4-WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS*.

*EXCEPTION—HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

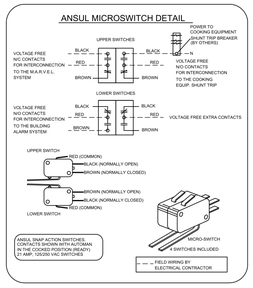
B/C/D

ANSUL R-102 SYSTEM



9 GALLON CABINET MOUNTED

ANSUL MICROSWITCH DETAIL

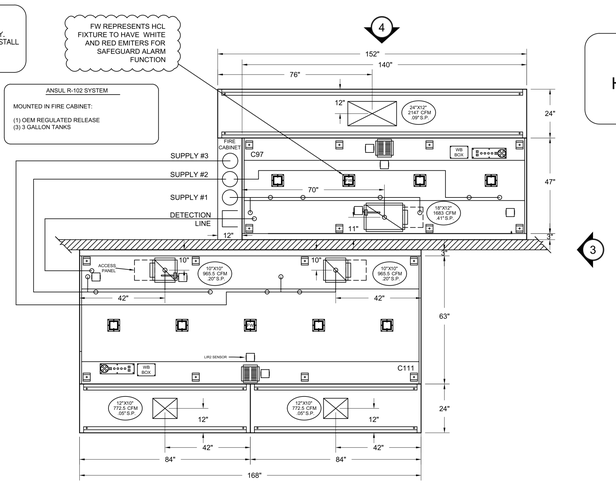


FW REPRESENTS HCL FIXTURE TO HAVE WHITE AND RED EMITTERS FOR SAFEGUARD ALARM FUNCTION

ANSUL R-102 SYSTEM

MOUNTED IN FIRE CABINET:

(1) OEM REGULATED RELEASE
(3) 3 GALLON TANKS



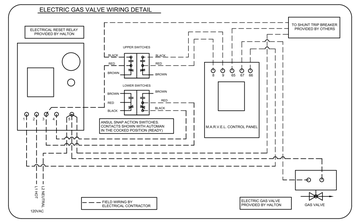
3 ITEM # C111/C97 SECTION VIEW

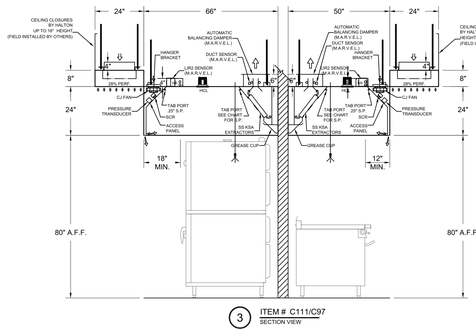
1 ITEM # C111/C97 PLAN VIEW

NOTE

HOOD TO BE SERVED BY KEF-2 & MUA-2

ELECTRIC GAS VALVE WIRING DETAIL





3 ITEM # C111/C97 SECTION VIEW

GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #1031432204PRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVI, BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

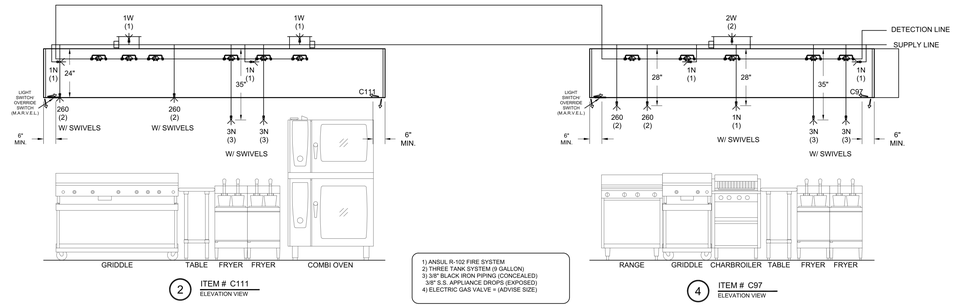
ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS

CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____

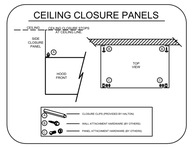


1) ANSUL R-102 FIRE SYSTEM
2) THREE TANK SYSTEM (9 GALLON)
3) 3/8" BLACK IRON PIPING (CONCEALED)
3/8" S.S. APPLIANCE DROPS (EXPOSED)
4) ELECTRIC GAS VALVE = (ADVISE SIZE)

2 ITEM # C111 ELEVATION VIEW

4 ITEM # C97 ELEVATION VIEW

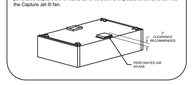
CEILING CLOSURE PANELS



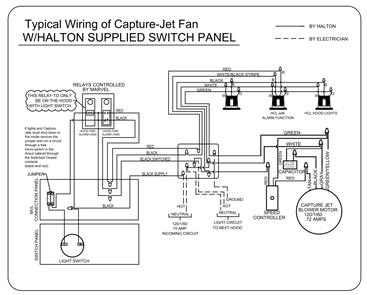
CAPTURE JET CLEARANCE DETAIL

Capture Jet ® Fan Cover Clearance

Patented Capture Jet ® technology perimeter air jets improve capture and containment of heat and grease emissions. It is very important to leave air space above and around the Capture Jet ® air intake cover on the top of the Halton hood. Please leave 2 inches of clearance on the top and sides of the perforated Capture Jet ® intake cover to allow unimpeded entrance of air into the Capture Jet ® fan.



Typical Wiring of Capture-Jet Fan W/HALTON SUPPLIED SWITCH PANEL

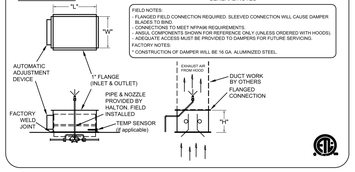


EXHAUST VOLUME DAMPER

MODEL: ABD (Automatic Balancing Damper)

TAG	"L"(in/mm)	"W"(in/mm)	"H"(in/mm)	QTY	CONSTRUCTION	GREASE SENSOR	TEMP SENSOR	DETECTOR (HOOD/DAMPER)	ANSUL
C97	18"	12"	6"	1	16 GA. ALUM	N	Y	H	Y
C111	10"	10"	6"	2	16 GA. ALUM	N	Y	H	Y

ACTUATOR: BELIMO

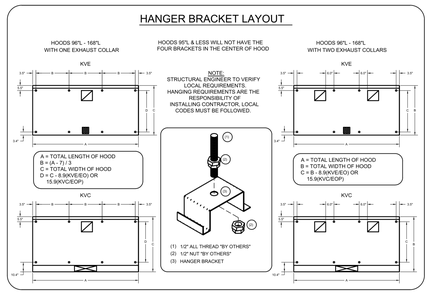


GENERAL NOTES

FIELD NOTES:
- FLANGED FIELD CONNECTION REQUIRED. SLEEVED CONNECTION WILL CAUSE DAMPER BLADES TO BIND.
- CONNECTIONS TO MEET NFPA96 REQUIREMENTS.
- ANSUL COMPONENTS SHOWN FOR REFERENCE ONLY (UNLESS ORDERED WITH HOODS).
- ADEQUATE ACCESS MUST BE PROVIDED TO DAMPERS FOR FUTURE SERVICING.

FACTORY NOTES:
- CONSTRUCTION OF DAMPER WILL BE 16 GA. ALUMANIZED STEEL.

HANGER BRACKET LAYOUT



KSA GREASE EXTRACTOR



KSA REMOVAL TOOL



PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT." DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE. ENSURING THE SPECIFYING ENGINEER APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM, WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
4150 BRIDGEWAY AVE
MISSISSAUGA, ONTARIO L4W 5R7
1-905-624-0301

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KENTUCKY 42164
1-270-237-5600

WEBSITE: www.halton.com

REV.	DATE	BY	REVISION DESCRIPTION
-	08.07.24	JC	UPDATED SHEET ORDER
-	02.04.25	JIB	NO CHANGE
1	02.14.25	RTC	ADDED ANSUL
2	03.21.25	JIB	

APPROVED BY _____ DATE _____

APPROVED FOR FABRICATION ☐ WITH NO CHANGES ☐ WITH CHANGES AS NOTED

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT PLACEMENT MAY REQUIRE A RECALCULATION OF EXHAUST AIRFLOW. IF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

☐ REVISE AND RESUBMIT

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

PROJECT: 23175 SUNY B/C/D
LOCATION: NEW PALT, NY
DRAWN BY: JC
DATE: 08.07.24
SCALE: NOT TO SCALE
CONSULTANT:

Halton

DRAWING TITLE: HOOD DETAILS

DRAWING No.: U24-599

REV. NO.: 4

SHEET NO.: 8 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARMANDO MANUEL DURAN — 022313 — STATE OF NEW YORK

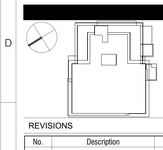
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

SCALE:

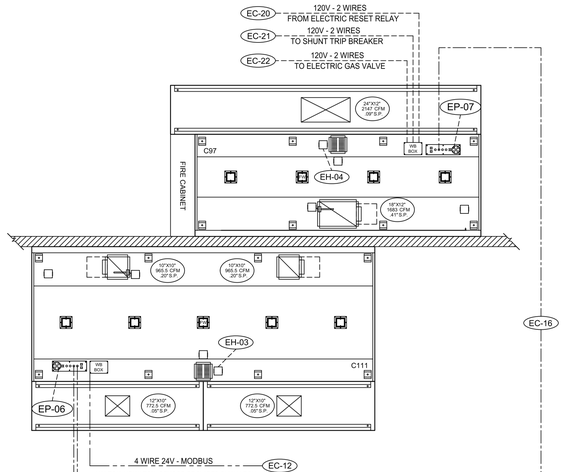
SHEET NAME: Foodservice Exhaust Hood Detail

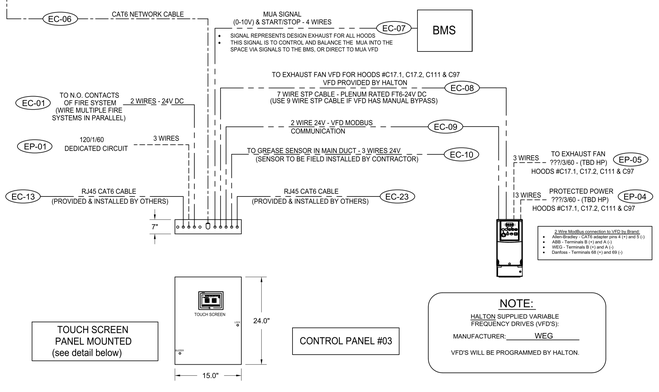
SHEET NUMBER: QF702-9

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

B/C/D





HALTON SAFEGAURD SEQUENCE OF OPERATIONS

☐ M.A.R.V.E.L.

START UP & SHUTDOWN
- OFF
- IDLE
- COOKING OR ACTIVE MODE

MAKE UP AIR
- START/STOP
- 0-10V OUTPUT TOTAL MUA DEMAND

FIRE MODE SEQUENCE

STANDARD OVERRIDE FEATURE

☐ M.A.R.V.E.L. 1

☐ M.A.R.V.E.L. 2
SAME SEQUENCE AS M.A.R.V.E.L.
- ADD ABD ADJUSTMENT FOR INDIVIDUAL HOOD CONTROL

☐ M.A.R.V.E.L. PLUS
SAME SEQUENCE AS M.A.R.V.E.L.
- MUA OUTPUT TO BMS SPLIT OR WHOLE
- HALTON PROVIDED VAV BOXES
- OUTPUT TO CONTROL VAVS

☐ HALTON AIRWATCH

☐ HALTON CONNECT (EDGE)

☐ HALTON FIREWATCH
- ☐ STAGE 1 - ALARM ONLY
- ☐ STAGE 2 - ALARM + SHUTDOWN

FAN CONFIGURATION DATA FOR M.A.R.V.E.L.

Exhaust Data:

EF Item #: _____ Voltage/Phase/Hertz: ___ / ___ / ___
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: ___ / ___ / ___
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: ___ / ___ / ___
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: ___ / ___ / ___
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: ___ / ___ / ___
EF HP: _____
Hood Item #'s connected to this fan: _____

Make Up Air Data:

Quantity of MUA "Zones": _____
Hood Item #'s located in Zone 1: _____
Hood Item #'s located in Zone 2: _____

NOTE: Above information must be completed in full prior to project being released for production. If more than four exhaust fans or two MUA zones are being used, please provide this data as well.

GREASE SENSOR LOCATION MATRIX

GREASE SENSOR #	LOCATION
1	MAIN DUCT
2	C17.1
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-

COMMUNICATION WIRING NOTE:

MAXIMUM LENGTH OF CABLES BETWEEN ANY THREE CONTROLLERS (CONTROL PANELS, HOODS, ETC) IN SERIES IS 328 FEET (100 METERS). THIS ALLOWS CONTINUED COMMUNICATION THROUGH A FAILED CONTROLLER. IF GREATER CABLE LENGTH IS NEEDED BETWEEN CONTROLLERS, AN INLINE ETHERNET BOOSTER MUST BE SPECIFIED AND USED.

NOTES:

ALL FIELD WIRING AND CONNECTION POINTS ARE SUBJECT TO CHANGE DUE TO ELECTRICAL COMPONENT(S) UPDATE OR OBSOLESCENCE. HALTON WILL NOT BE LIABLE FOR ANY CHANGE ORDERS BASED ON DRAWINGS CREATED ONE OR MORE YEARS PRIOR TO PRODUCTION. WHEN RELEASED AN UPDATED SET OF ELECTRICAL DIAGRAMS(S) WILL BE SUPPLIED.

NOTE:

HALTON SUPPLIED VARIABLE FREQUENCY DRIVES (VFD'S):

MANUFACTURER: WEG

VFD'S WILL BE PROGRAMMED BY HALTON.

SAFEGUARD SCOPE OF WORK

RESPONSIBILITY TO BE SELECTED BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

M.A.R.V.E.L. I SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. II SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS WILL VARY PER SYSTEM, REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL. LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE KITCHEN HOODS BEING SERVED BY PANEL (M.A.R.V.E.L. I HOOD SYSTEMS WILL NOT HAVE SUCH PANEL)
2. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT M.A.R.V.E.L. CONTROL PANEL
3. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL RJ45 CAT6 CABLE CONNECTION AT M.A.R.V.E.L. CONTROL PANEL FOR M.A.R.V.E.L. II SYSTEMS OR AT KITCHEN HOOD FOR M.A.R.V.E.L. I SYSTEMS FOR I.P. ADDRESS.
4. APPLICABLE CONTRACTOR TO INSTALL HALTON AIRWATCH SENSOR (SUPPLIED BY HALTON) IN SAME SPACE AS KITCHEN HOOD SYSTEM AND 48"-54" A.F.F. NEAREST MUA T-STAT.
5. APPLICABLE CONTRACTOR SHALL SUPPLY AND RUN 24V, 4 WIRE CABLE CONNECTION FROM HALTON AIRWATCH SENSOR TO KITCHEN HOOD
6. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 2 WIRE 24V DC WIRING FROM ANSUL FIRE SYSTEM EITHER TO M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR TO KITCHEN HOOD (M.A.R.V.E.L. I).
7. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM HOOD TO HOOD AND TO PANEL AS SHOWN IN HALTON M.A.R.V.E.L. DIAGRAM.
8. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 4 WIRE MUA SIGNAL (0-10V & START/STOP) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO BMS OR DDC
9. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 7 WIRE STP PLENUM RATED CABLE (9 WIRE STP CABLE IF VFD IS PROVIDED WITH BYPASS) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO EXHAUST FAN VFD(S) (VFD'S AND CABINET SUPPLIED BY HALTON UNLESS OTHERWISE NOTED)
10. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM CONTROL PANEL TO VFD, FOR MODBUS COMMUNICATION.
11. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE VFD(S). LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN 150 FEET MAX DISTANCE FROM EXHAUST FAN(S).
12. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FEED FROM CIRCUIT BREAKER(S) TO VFD(S). APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FROM VFD(S) TO EXHAUST / MUA (IF APPLICABLE) MOTORS. ALL TO BE RAN IN SEPARATE CONDUIT.
13. APPLICABLE CONTRACTOR SHALL INSTALL GREASE SENSOR(S), IF PROVIDED, IN MAIN EXHAUST TRUNK, AND WIRE THE SENSOR BACK TO THE DESIGNATED LOCATION.
14. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT EACH KITCHEN HOOD. (IF HOODS ARE UV, A SECOND 115V DEDICATED CIRCUIT IS REQUIRED.)
15. INSTALLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ADEQUATE ACCESS TO ALL COMPONENTS LOCATED ABOVE HOOD.
16. HALTON REPRESENTATIVE TO PERFORM FINAL FIELD COMMISSIONING ONCE ALL RESPONSIBILITIES ARE COMPLETED ABOVE.
17. IF FIREWATCH OPTION IS PRESENT APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL ADDITIONAL WIRING FROM THE ELECTRIC RESET RELAY TO THE CONTROL PANEL, CONTROL PANEL TO THE ELECTRIC GAS VALVE AND CONTROL PANEL TO BUILDING ELECTRICAL PANEL SHUNT TRIP.

NOTES:

ALL WIRING AND CABLING TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE

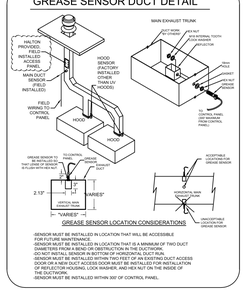
NOTES:

ALL FAN MOTORS MUST BE COMPATIBLE WITH VARIABLE FREQUENCY DRIVES (VFD'S). ALL MOTORS MUST BE CONNECTED TO THREE PHASE POWER. ELECTRONICALLY COMMUTATED MOTORS (ECM) ARE ALSO ACCEPTABLE IF SINGLE PHASE POWER IS TO BE USED. (24V POWER SUPPLY TO THE ECM IS BY OTHERS)

NOTES:

ALL VARIABLE FREQUENCY DRIVES (VFD'S) MUST BE INSTALLED WITHIN 150' OF THE EXHAUST FAN.

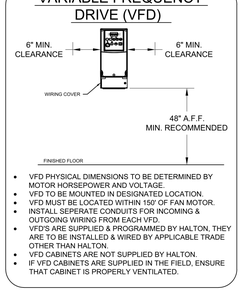
GREASE SENSOR DUCT DETAIL



GREASE SENSOR LOCATION CONSIDERATIONS

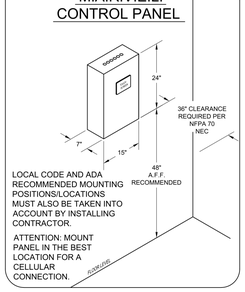
- SENSOR MUST BE INSTALLED IN LOCATION THAT WILL BE ACCESSIBLE FOR CLEANING PURPOSES
- SENSOR MUST BE INSTALLED IN LOCATION THAT IS A MINIMUM OF TWO DUCT DIAMETERS FROM A BEND OR OBSTRUCTION IN THE DUCTWORK
- SENSOR MUST BE INSTALLED WITHIN TWO FEET OF AN ACCESS DUCT DOOR
- SENSOR MUST BE INSTALLED WITHIN TWO FEET OF AN EXISTING DUCT ACCESS DOOR OR A NEW DUCT ACCESS DOOR MUST BE INSTALLED FOR INSTALLATION OF REFLECTOR HOUSING, LOCK WASHER, AND HEX NUT ON THE INSIDE OF DUCTWORK
- SENSOR MUST BE INSTALLED WITHIN 300' OF CONTROL PANEL.

VARIABLE FREQUENCY DRIVE (VFD)



- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR HORSEPOWER AND VOLTAGE.
- VFD TO BE MOUNTED IN DESIGNATED LOCATION.
- VFD MUST BE LOCATED WITHIN 150' OF FAN MOTOR.
- INSTALL SEPERATE CONDUITS FOR INCOMING & OUTGOING WIRING FROM EACH VFD.
- VFD'S ARE SUPPLIED & PROGRAMMED BY HALTON, THEY ARE TO BE INSTALLED & WIRED BY APPLICABLE TRADE OTHER THAN HALTON.
- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
- IF VFD CABINETS ARE SUPPLIED IN THE FIELD, ENSURE THAT CABINET IS PROPERLY VENTILATED.

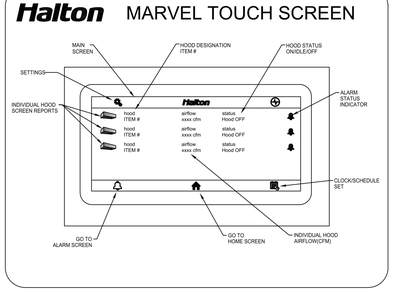
M.A.R.V.E.L. CONTROL PANEL



LOCAL CODE AND ADA RECOMMENDED MOUNTING POSITIONS/LOCATIONS MUST ALSO BE TAKEN INTO ACCOUNT BY INSTALLING CONTRACTOR.

ATTENTION: MOUNT PANEL IN THE BEST LOCATION FOR A CELLULAR CONNECTION.

MARVEL TOUCH SCREEN



M.A.R.V.E.L. SYSTEM

(FIG 1-1)

M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL= 10 AMPS EA.

M.A.R.V.E.L. PLC AT EACH HOOD SECTION= 4 AMPS EA.
(MAXIMUM 3 M.A.R.V.E.L. HOOD PLC'S PER 15A CIRCUIT)

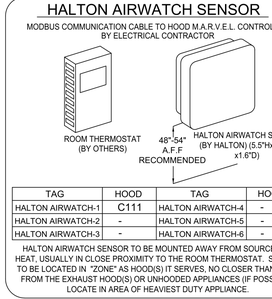
ALL CIRCUITS ARE NOT TO EXCEED 15 AMP

NOTES:

- FIELD WIRING (BY E.C.) - 120V - 12AWG MIN.-10AWG MAX.
- FIELD WIRING (BY E.C.) - Building Source Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - Appliance Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - 24V - 22AWG MIN.-16AWG MAX.
- FIELD WIRING (BY E.C.) - 24V - CAT6

HALTON AIRWATCH SENSOR

MODBUS COMMUNICATION CABLE TO HOOD M.A.R.V.E.L. CONTROLLER BY ELECTRICAL CONTRACTOR



TAG	HOOD	TAG	HOOD
HALTON AIRWATCH-1	C111	HALTON AIRWATCH-4	-
HALTON AIRWATCH-2	-	HALTON AIRWATCH-5	-
HALTON AIRWATCH-3	-	HALTON AIRWATCH-6	-

HALTON AIRWATCH SENSOR TO BE MOUNTED AWAY FROM SOURCES OF HEAT, USUALLY IN CLOSE PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN "ZONE" AS HOOD(S) IT SERVES, NO CLOSER THAN 10'-12' FROM THE EXHAUST HOOD(S) OR UNHOODED APPLIANCES (IF POSSIBLE). LOCATE IN AREA OF HEAVIEST DUTY APPLIANCE.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES TO COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT POSITION MAY AFFECT EXHAUST AIRFLOW. HALTON MUST BE NOTIFIED IF ANY OF THESE CHANGES OCCUR. A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

☐ REVISE AND RESUBMIT

APPROVED FOR FABRICATION
☐ WITH NO CHANGES
☐ WITH CHANGES AS NOTED

APPROVED BY: _____ DATE: _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

☐ HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301

☒ HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

WEBSITE: www.halton.com

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	NO CHANGE	RTC	02.14.25
4	UPDATED HOOD C111	JIB	03.21.25

PROJECT: 23175 SUNY B/C/D
LOCATION: NEW PALTZ, NY
DRAWN BY: JIB
DATE: 01.31.25
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE
DEMAND CONTROL DETAILS

DRAWING No.:
U24-599

REV. NO.: 4
SHEET NO.: 9 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ANTONIO SAMUEL GUARINO 023115 STATE OF NEW YORK

EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Exhaust Hood Detail
SHEET NUMBER: QF702-10

CONSTRUCTION SET

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ELECTRICAL CONNECTION SCHEDULE

CONNECTION #	CONNECTION DESCRIPTION	TYPE	FROM	TO
	HOOD CONNECTIONS (EH)			
EH-01	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.1
EH-02	HOOD TO HOOD - FIELD CONNECTION	3-WIRE, 120V	HOOD C17.1	HOOD C17.2
EH-03	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C111
EH-04	HOOD LIGHT & CAPTURE JET POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C97
	CONTROLS POWER CONNECTIONS (EP)			
EP-01	CONTROL PANEL POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	CONTROL PANEL
EP-02	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.1
EP-03	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C17.2
EP-04	VFD POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	BUILDING SOURCE	EXH FAN VFD
EP-05	EXH FAN POWER (HIGH VOLTAGE)	3-WIRE, TBD/3/60, TBD HP	EXH FAN VFD	EXH FAN MOTOR
EP-06	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C111
EP-07	HOOD CONTROLLER POWER	3-WIRE, 120V, 15A	BUILDING SOURCE	HOOD C97
	CONTROLS CONNECTIONS (EC)			
EC-01	FIRE MODE SIGNAL	2-WIRE, 24V	CONTROL PANEL	FIRE SYSTEM
EC-02	BMS(BACNET) CONNECTION	CAT6	CONTROL PANEL	BMS
EC-03	FIREWATCH - POWER FROM RESET RELAY	2-WIRE, 120V	RESET RELAY	HOOD C17.1
EC-04	FIREWATCH - TO ELECTRIC GAS VALVE	2-WIRE, 120V	HOOD C17.1	GAS VALVE
EC-05	FIREWATCH - TO SHUNT TRIP BREAKER	2-WIRE, 120V	HOOD C17.1	SHUNT TRIP
EC-06	NETWORK CABLE - HOOD COMMUNICATION	CAT6	CONTROL PANEL	HOOD C17.1
EC-07	MUA SIGNAL - START/STOP, DEMAND LEVEL (0-10V)	4-WIRE, 24V	CONTROL PANEL	BMS
EC-08	VFD CONTROL WIRING	7-WIRE, 24V, PLEMUM RATED	CONTROL PANEL	EXH FAN VFD
EC-09	VFD MODBUS COMMUNICATION	2-WIRE, 24V	CONTROL PANEL	EXH FAN VFD
EC-10	MAIN DUCT GREASE SENSOR - FIELD CONNECTION	3-WIRE, 24V	CONTROL PANEL	GREASE SENSOR
EC-11	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD C17.1	HOOD C17.2
EC-12	HALTON AIRWATCH SENSOR - FIELD CONNECTION	4-WIRE, 24V	HOOD C111	HALTON AIRWATCH SENSOR
EC-13	RJ45 NETWORK CABLE - PANEL TO PANEL	CAT6	CONTROL PANEL 02	CONTROL PANEL 03
EC-14	NOT USED	-	-	-
EC-15	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD C17.2	HOOD C111
EC-16	NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER	CAT6	HOOD C111	HOOD C97
EC-17	NOT USED	-	-	-
EC-18	NOT USED	-	-	-
EC-19	NOT USED	-	-	-
EC-20	FIREWATCH - POWER FROM RESET RELAY	2-WIRE, 120V	RESET RELAY	HOOD C97
EC-21	FIREWATCH - TO ELECTRIC GAS VALVE	2-WIRE, 120V	HOOD C97	GAS VALVE
EC-22	FIREWATCH - TO SHUNT TRIP BREAKER	2-WIRE, 120V	HOOD C97	SHUNT TRIP
EC-23	RJ45 NETWORK CABLE - PANEL TO PANEL	CAT6	CONTROL PANEL 03	CONTROL PANEL 04
	GROUND CONNECTIONS (EG)			
	NOT USED			

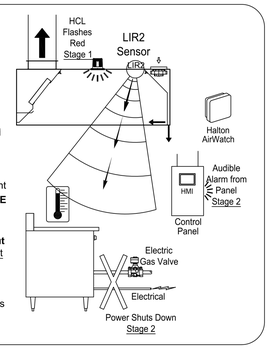
HALTON SAFEGUARD
DCV+GREASE SENSOR+HALTON AIRWATCH+FIREWATCH

Halton SafeGuard is a comprehensive kitchen monitor and control system.
The FireWatch component is a 24/7 electronic fire warning system with data backup. Halton Airwatch monitors kitchen air quality and displays a message on HMI touch screen if air quality degrades below norms. Additional fresh air will be brought into the space.
During normal kitchen operation SafeGuard monitors heat signatures of cooking surfaces and the kitchen hood's plenum air temperatures. If elevated appliance temperature is detected, SafeGuard goes to Stage 1

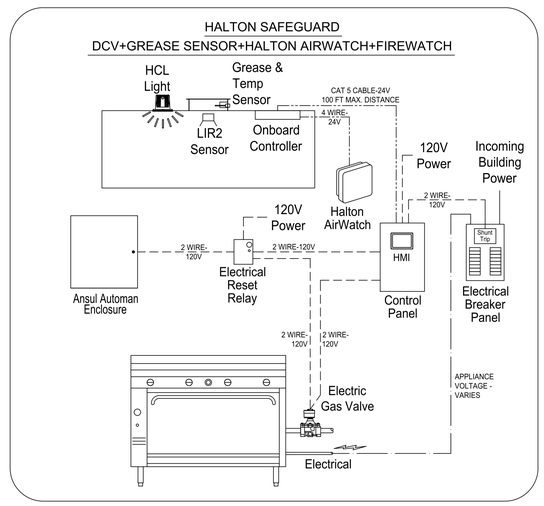
Stage 1: Visual warning is initiated - Flashing HCL light at hood and text warning on HMI touch screen. **Intervention by the kitchen staff should take place immediately to lower temperatures at appliances to prevent a potential fire** and fire suppression system discharge. Equipment should be manually turned off**. If action is not taken, system may proceed to Stage 2 - AN APPLIANCE FIRE IS HIGHLY LIKELY AT THIS POINT!**

Stage 2 – Visual warnings and audible warnings are initiated - Flashing HCL light at hood, text warning on touch screen and also buzzer at touch screen. If equipped with the optional SafeGuard **Equipment Shut Down** feature, the system will automatically shut off all equipment. (This is NOT the required appliance shut down from the Fire Suppression system discharge. This is an option to shut down equipment before a Suppression system discharge is necessary.) FireWatch is not a Life/Safety system.

A quick reset of appliances may be accomplished once the dangerous conditions are cleared. Reset via gas valve reset relay and/or shunt trip breaker for electric appliances.



HALTON SAFEGUARD
DCV+GREASE SENSOR+HALTON AIRWATCH+FIREWATCH



B/C/D

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.
NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT PLACEMENT FROM THAT SHOWN ON THIS DRAWING MAY REQUIRE A RECALCULATION OF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.
APPROVED FOR FABRICATION ☐ WITH CHANGES AS NOTED
☐ WITH NO CHANGES ☐ REVISE AND RESUBMIT
APPROVED BY DATE

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:
HALTON CO. (CANADA) ☐
6303 ROPER PLACE
MISSISSAUGA, ONTARIO L4W 3R7
1-905-624-0301

WEBSITE: www.halton.com
HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

REV.	REVISION DESCRIPTION	BY	DATE
1	UPDATED HOODS	JIB	01.31.25
2	UPDATED SHEET ORDER	JIB	02.04.25
3	NO CHANGE	RTC	02.14.25
4	UPDATED CONNECTIONS	JIB	03.21.25

PROJECT: 23175 SUNY B/C/D
LOCATION: NEW PALTZ, NY
DRAWN BY: JIB
DATE: 01.31.25
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE: DEMAND CONTROL DETAILS
DRAWING NO.: U24-599
REV. NO.: 4
SHEET NO.: 10 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL GUGLIOTTI 032313 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Exhaust Hood Detail
SHEET NUMBER: QF702-11

CONSTRUCTION SET

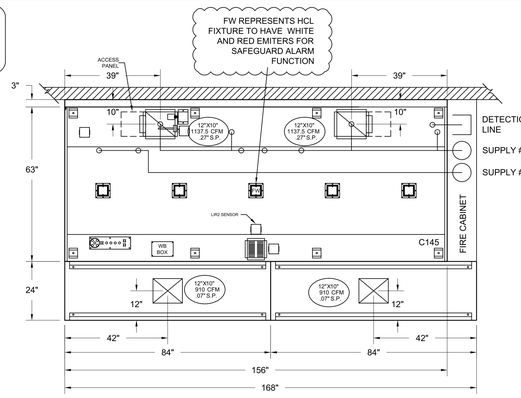
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS						GREASE EXTRACTOR				HOOD CONSTRUCTION	HOOD WEIGHT (LBS)	SUPPLY AIR REQUIREMENTS					PLENUM WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR			QTY.	SIZE		TYPE			SUPPLY CFM	SUPPLY STATIC PRESSURE	SUPPLY COLLAR			
					QTY.	LENGTH	WIDTH		L	H						QTY.	LENGTH	WIDTH	
C145	KVE	2275	0.27"	0.20"	2	12"	10"	7	20"	13"	KSA	ALL 18 GA. 304 S.S.	1170	1820	0.07"	1 EA.	12"	10"	130 EA.
								1	11"	13"									

TOTAL EXH. CFM = 2275 TOTAL SUPPLY CFM = 1820

MAKE UP AIR GUIDELINES
- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2–WAY, 3–WAY OR 4–WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS*.
*EXCEPTION–HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.



ANSUL R-102 SYSTEM

MOUNTED IN FIRE CABINET:

(1) OEM REGULATED RELEASE
(2) 3 GALLON TANKS

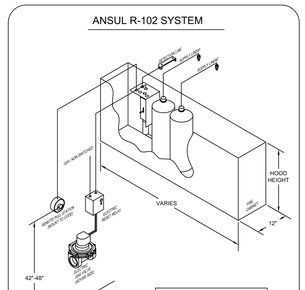
3

NOTE

HOOD TO BE SERVED BY KEF-3 & MUA-3

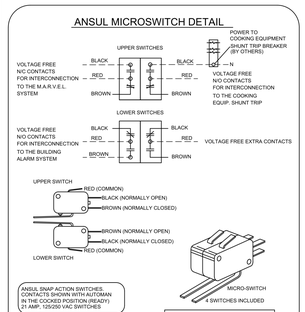
2

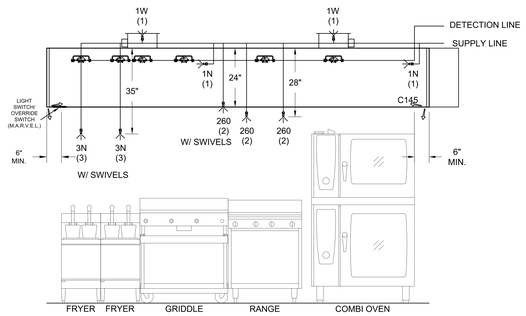
1 ITEM # C145
PLAN VIEW



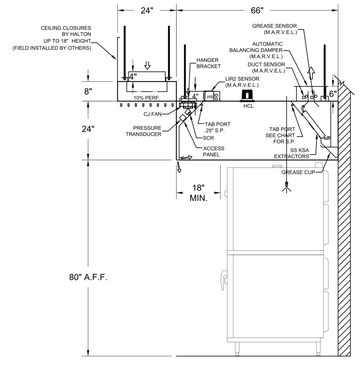
6 GALLON CABINET MOUNTED

ANSUL MICROSWITCH DETAIL





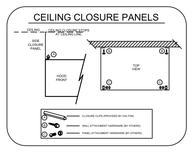
2 ITEM # C145
ELEVATION VIEW



3 ITEM # C145
SECTION VIEW

1) ANSUL R-102 FIRE SYSTEM
2) TWO TANK SYSTEM (6 GALLON)
3) 3/8" BLACK IRON PIPING (CONCEALED)
3/8" S.S. APPLIANCE DROPS (EXPOSED)
4) ELECTRIC GAS VALVE = (ADVISE SIZE)

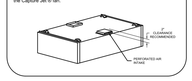
CEILING CLOSURE PANELS



CAPTURE JET CLEARANCE DETAIL

Capture Jet ® Fan Cover Clearance

Patented Capture Jet ® technology perimeter air jets improve capture and containment of heat and grease emissions. It is very important to leave air space above and around the Capture Jet ® air intake cover on the top of the Halton hood. Please leave 2 inches of clearance on the top and sides of the Capture Jet ® fan cover. Do not let intake cover to allow unimpeded entrance of air into the Capture Jet ® fan.



GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #1031432049PRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVL BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE 40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE 150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE 100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

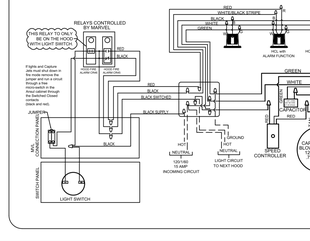
*LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS**

CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____

Typical Wiring of Capture-Jet Fan W/HALTON SUPPLIED SWITCH PANEL



EXHAUST VOLUME DAMPER

MODEL: ABD (Automatic Balancing Damper)

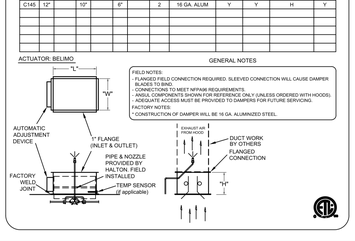
TAG	"L"(in/mm)	"W"(in/mm)	"H"(in/mm)	QTY	CONSTRUCTION	GREASE SENSOR	TEMP SENSOR	DETECTOR (HOOD/DAMPER)	ANSUL
C145	12"	10"	6"	2	16 GA. ALUM	Y	Y	H	Y

ACTUATOR: BELIMO

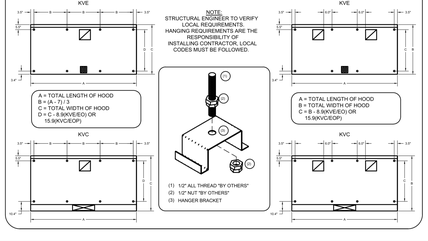
GENERAL NOTES

FIELD NOTES:
- FLANGED FIELD CONNECTION REQUIRED. SLEEVED CONNECTION WILL CAUSE DAMPER TO BIND.
- CONNECTIONS TO MEET NFPA96 REQUIREMENTS.
- ANSUL COMPONENTS SHOWN FOR REFERENCE ONLY (UNLESS ORDERED WITH HOODS)
- ADEQUATE ACCESS MUST BE PROVIDED TO DAMPERS FOR FUTURE SERVICING.

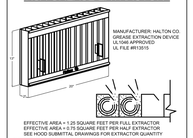
FACTORY NOTES:
* CONSTRUCTION OF DAMPER WILL BE 16 GA. ALUMANIZED STEEL.



HANGER BRACKET LAYOUT



KSA GREASE EXTRACTOR



KSA REMOVAL TOOL



PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT.". DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE, ENSURING THE SPECIFYING ENGINEER THAT THE SYSTEM WILL PERFORM TO THE ENGINEER'S SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM, WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

B/C/D

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS AND SERVICES ARE CORRECT.
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT REPLACEMENT MAY REQUIRE A RECALCULATION OF EXHAUST AIRFLOW. IF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

☐ REVISE AND RESUBMIT
APPROVED FOR FABRICATION ☐ WITH CHANGES AS NOTED
☐ WITH NO CHANGES

APPROVED BY _____ DATE _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:
HALTON CO. (CANADA)
PLACE
MISSISSAUGA, ON L4W 4R7
1-905-624-0301

HALTON CO. (USA)
501 INDUSTRIAL DRIVE
LEWISBURG, TN 37091
1-270-237-5600

WEBSITE: www.halton.com

REV.	DATE	BY	REVISION DESCRIPTION
-	-	-	
-	02.04.25	JIB	UPDATED SHEET ORDER
-	02.14.25	RTC	NO CHANGE
-	03.21.25	JIB	ADDED ANSUL

PROJECT: 23175 SUNY B/C/D
LOCATION: NEW PALT, NY
DRAWN BY: JC
DATE: 08.08.24
SCALE: NOT TO SCALE
CONSULTANT: RICCA

DRAWING TITLE: HOOD DETAILS

DRAWING No.: U24-599

REV. NO.: 4 SHEET NO.: 11 of 12

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.0200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT AMANDA SAMUEL GUNNING 023113 STATE OF NEW YORK

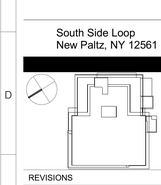
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Foodservice Exhaust Hood Detail
SHEET NUMBER: QF702-12

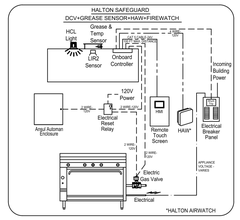
CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ELECTRICAL CONNECTION SCHEDULE

CONNECTION #	CONNECTION DESCRIPTION	FROM	TO
E1-M	120V, 15AMP - CONTROL PANEL POWER - 3 WIRES	BUILDING SOURCE	CONTROL PANEL 3
E2-M	NOT USED		
E3-M	CAT6 CABLE - NETWORK CABLE - 164' (50 METERS) MAXIMUM LENGTH	CONTROL PANEL 3	HOOD #C145
E4-M	MUA SIGNAL (0-10V & START/STOP) - 4 WIRES	HOOD #C145	BMS
E5-M	4 WIRE, 24V CABLE - TO HALTON AIRWATCH (HAW) SENSOR	HOOD #C145	HAW SENSOR
E6-M	FIRE MODE SIGNAL - TO FIRE SUPPRESSION PANEL - 2 WIRES	HOOD #C145	FIRE SYSTEM
E7-M	7 WIRE STP CABLE - PLENUM RATED FT6 24VDC - TO EF VFD	HOOD #C145	VFD
E8-M	2 WIRE 24V CABLE - MODBUS VFD COMMUNICATION	HOOD #C145	VFD
E9-M	HIGH VOLTAGE WIRING FROM BUILDING SOURCE TO VFD	BUILDING SOURCE	VFD
E10-M	HIGH VOLTAGE WIRING FROM VFD TO FAN MOTOR	VFD	EF FAN MOTOR
E11-M	120V, 15AMP - MARVEL CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #C145
E12-M	120V, FIELD CONNECTION FROM ELECTRIC RESET RELAY - 2 WIRES	RESET RELAY	HOOD # C145 WB BOX
E13-M	120V, FIELD CONNECTION TO ELECTRIC GAS VALVE - 2 WIRES	HOOD # C145 WB BOX	ELEC GAS VALVE
E14-M	120V, FIELD CONNECTION TO SHUNT TRIP BREAKER - 2 WIRES	HOOD # C145 WB BOX	SHUNT TRIP BREAKER
E15-M	RJ45 CAT 5 CABLE - PROVIDED BY OTHERS	CONTROL PANEL 03	CONTROL PANEL 04
E16-M	NOT USED	-	-
E17-H	120V, 15AMP - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #C145

HALTON SAFEGUARD
DCV+GREASE SENSOR+HAW+FIREWATCH



COMMUNICATION WIRING NOTE:

MAXIMUM LENGTH OF CABLES BETWEEN ANY THREE CONTROLLERS (CONTROL PANELS, HOODS, ETC) IN SERIES IS 328 FEET (100 METERS). THIS ALLOWS CONTINUED COMMUNICATION THROUGH A FAILED CONTROLLER. IF GREATER CABLE LENGTH IS NEEDED BETWEEN CONTROLLERS, AN INLINE ETHERNET BOOSTER MUST BE SPECIFIED AND USED.

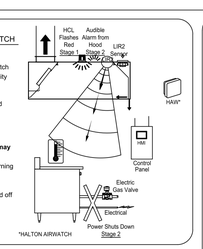
HALTON SAFEGUARD
DCV+GREASE SENSOR+HAW+FIREWATCH

Halton SafeGuard is a comprehensive kitchen monitor and control system.
The FireWatch component is a 24/7 electronic fire warning system with data backup. Halton Airwatch (HAW) Sensor monitors kitchen air quality and displays a message on HMI touch screen if air quality degrades below norms. Additional fresh air will be brought into the space.
During normal kitchen operation SafeGuard monitors heat signatures of cooking surfaces and the kitchen hood's plenum air temperatures. If elevated appliance temperature is detected, SafeGuard goes to Stage 1

Stage 1: Visual warning is initiated - Flashing HCL light at hood and text warning on HMI touch screen. **Intervention by the kitchen staff should take place immediately to lower temperatures at appliances to prevent a potential fire. If action is not taken, system may proceed to Stage 2 - AN APPLIANCE FIRE IS HIGHLY LIKELY AT THIS POINT!**

Stage 2 – Visual warnings and audible warnings are initiated - Flashing HCL light at hood, text warning on touch screen and also buzzer at touch screen if the situation has not been addressed. Intervention should take place by the kitchen staff at this point to prevent a fully involved appliance fire and fire suppression system discharge. Equipment should be manually turned off or, if equipped with the optional SafeGuard **Equipment Shut Down** feature, the system will automatically shut off all equipment.

A quick reset of appliances may be accomplished once the dangerous conditions are cleared.



FAN CONFIGURATION DATA FOR M.A.R.V.E.L.

Exhaust Data:

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____
Hood Item #'s connected to this fan: _____

Make Up Air Data:

Quantity of MUA "Zones": _____
Hood Item #'s located in Zone 1: _____
Hood Item #'s located in Zone 2: _____

NOTE: Above information must be completed in full prior to project being released for production. If more than four exhaust fans or two MUA zones are being used, please provide this data as well.

M.A.R.V.E.L. SCOPE OF WORK

RESPONSIBILITY TO BE SELECTED BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

M.A.R.V.E.L. I SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. II SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS WILL VARY PER SYSTEM, REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL. LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE KITCHEN HOODS BEING SERVED BY PANEL. (M.A.R.V.E.L. I HOOD SYSTEMS WILL NOT HAVE SUCH PANEL).
2. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT M.A.R.V.E.L. CONTROL PANEL
3. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL RJ45 CAT6 CABLE CONNECTION AT M.A.R.V.E.L. CONTROL PANEL FOR M.A.R.V.E.L. II SYSTEMS OR AT KITCHEN HOOD FOR M.A.R.V.E.L. I SYSTEMS FOR I.P. ADDRESS.
4. APPLICABLE CONTRACTOR TO INSTALL HALTON AIRWATCH (HAW) SENSOR (SUPPLIED BY HALTON) IN SAME SPACE AS KITCHEN HOOD SYSTEM AND 48"-54" A.F.F. NEAREST MUA T-STAT.
5. APPLICABLE CONTRACTOR SHALL SUPPLY AND RUN 24V, 4 WIRE CABLE CONNECTION FROM HALTON AIRWATCH (HAW) SENSOR TO KITCHEN HOOD
6. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 2 WIRE 24V DC WIRING FROM ANSUL FIRE SYSTEM EITHER TO M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR TO KITCHEN HOOD (M.A.R.V.E.L. I).
7. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM HOOD TO HOOD AND TO PANEL AS SHOWN IN HALTON M.A.R.V.E.L. DIAGRAM.
8. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 4 WIRE MUA SIGNAL (0-10V & START/STOP) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO BMS OR DDC.
9. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 7 WIRE STP PLENUM RATED CABLE (9 WIRE STP CABLE IF VFD IS PROVIDED WITH BYPASS) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO EXHAUST FAN VFD(S) (VFD'S AND CABINET SUPPLIED BY HALTON UNLESS OTHERWISE NOTED)
10. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM CONTROL PANEL TO VFD, FOR MODBUS COMMUNICATION.
11. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE VFD(S). LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN 150 FEET MAX DISTANCE FROM EXHAUST FAN(S).
12. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FEED FROM CIRCUIT BREAKER(S) TO VFD(S). APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FROM VFD(S) TO EXHAUST / MUA (IF APPLICABLE) MOTORS. ALL TO BE RAN IN SEPARATE CONDUIT.
13. APPLICABLE CONTRACTOR SHALL INSTALL GREASE SENSOR(S), IF PROVIDED, IN MAIN EXHAUST TRUNK, AND WIRE THE SENSOR BACK TO THE DESIGNATED LOCATION.
14. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT EACH KITCHEN HOOD. (IF HOODS ARE UV, A SECOND 115V DEDICATED CIRCUIT IS REQUIRED.)
15. INSTALLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ADEQUATE ACCESS TO ALL COMPONENTS LOCATED ABOVE HOOD.
16. HALTON REPRESENTATIVE TO PERFORM FINAL FIELD COMMISSIONING ONCE ALL RESPONSIBILITIES ARE COMPLETED ABOVE.

M.A.R.V.E.L. Standard Sequence of Operation

M.A.R.V.E.L. I & Basic
Standard Sequence
Start up & shut down
- Off
- Idle
- Cooking or active mode

Make up air
- 0-10V Output

Fire system sequence

Standard override feature

M.A.R.V.E.L. II
Standard Sequence
Same sequence as M.A.R.V.E.L. I and
•ABD adjustment

Make up air
•Single 0-10Vdc split signal

M.A.R.V.E.L. Plus
Standard Sequence
Same sequence as M.A.R.V.E.L. II and
- Output to BMS 0-10V, split or whole
- Output to VAV Boxes

NOTES:

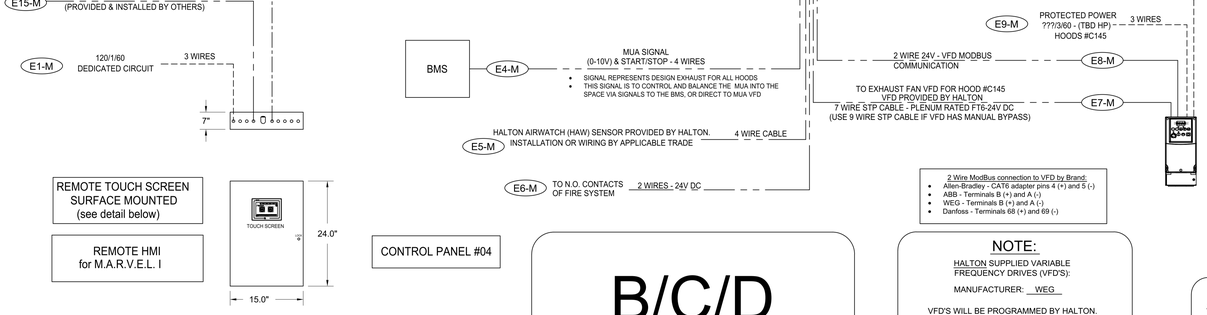
ALL WIRING AND CABLING TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE

NOTES:

ALL FAN MOTORS MUST BE COMPATIBLE WITH VARIABLE FREQUENCY DRIVES (VFD'S). ALL MOTORS MUST BE CONNECTED TO THREE PHASE POWER. ELECTRONICALLY COMMUTATED MOTORS (ECM) ARE ALSO ACCEPTABLE IF SINGLE PHASE POWER IS TO BE USED. (24V POWER SUPPLY TO THE ECM IS BY OTHERS)

NOTES:

ALL VARIABLE FREQUENCY DRIVES (VFD'S) MUST BE INSTALLED WITHIN 150' OF THE EXHAUST FAN.



2 Wire ModBus connection to VFD by Brand:
- Allen-Bradley - CAT6 adapter pins 4 (+) and 5 (-)
- ABB - Terminals B (+) and A (-)
- WEG - Terminals B (+) and A (-)
- Danfoss - Terminals 68 (+) and 69 (-)

NOTE:

HALTON SUPPLIED VARIABLE FREQUENCY DRIVES (VFD'S):

MANUFACTURER: WEG

VFD'S WILL BE PROGRAMMED BY HALTON.

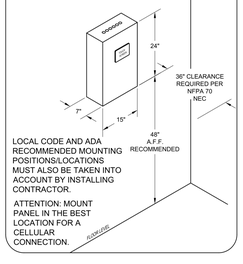
GREASE SENSOR LOCATION MATRIX

GREASE SENSOR #	LOCATION
1	C145
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-

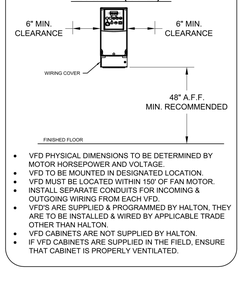
NOTES:

ALL FIELD WIRING AND CONNECTION POINTS ARE SUBJECT TO CHANGE DUE TO ELECTRICAL COMPONENT(S) UPDATE OR OBSOLESCENCE. HALTON WILL NOT BE LIABLE FOR ANY CHANGE ORDERS BASED ON DRAWINGS CREATED ONE OR MORE YEARS PRIOR TO PRODUCTION. WHEN RELEASED AN UPDATED SET OF ELECTRICAL DIAGRAMS(S) WILL BE SUPPLIED.

M.A.R.V.E.L. CONTROL PANEL

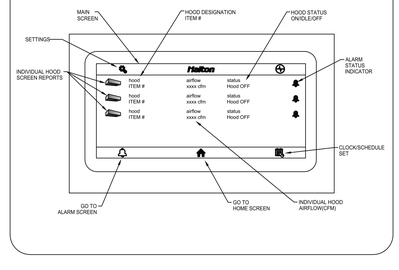


VARIABLE FREQUENCY DRIVE (VFD)



- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR HORSEPOWER AND VOLTAGE.
- VFD TO BE MOUNTED IN DESIGNATED LOCATION.
- VFD MUST BE LOCATED WITHIN 150' OF FAN MOTOR.
- INSTALL SEPARATE CONDUITS FOR INCOMING & OUTGOING WIRING FROM EACH VFD.
- VFD'S ARE SUPPLIED & PROGRAMMED BY HALTON, THEY ARE TO BE INSTALLED & WIRED BY APPLICABLE TRADE OTHER THAN HALTON.
- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
- IF VFD CABINETS ARE SUPPLIED IN THE FIELD, ENSURE THAT CABINET IS PROPERLY VENTILATED.

Halton MARVEL TOUCH SCREEN



M.A.R.V.E.L. SYSTEM

M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL= 10 AMPS EA.

M.A.R.V.E.L. PLC AT EACH HOOD SECTION= 4 AMPS EA. (MAXIMUM 3 M.A.R.V.E.L. HOOD PLC'S PER 15A CIRCUIT)

ALL CIRCUITS ARE NOT TO EXCEED 15 AMP

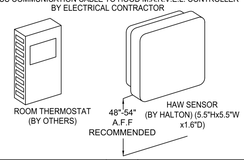
NOTES:

- FIELD WIRING (BY E.C.) - 120V - 12AWG MIN.-10AWG MAX.
- FIELD WIRING (BY E.C.) - Building Source Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - Appliance Voltage-AWG Varies
- FIELD WIRING (BY E.C.) - 24V - 22AWG MIN.-16AWG MAX.
- FIELD WIRING (BY E.C.) - 24V - CAT6

(FIG 1-1)

HAW SENSOR

MODBUS COMMUNICATION CABLE TO HOOD M.A.R.V.E.L. CONTROLLER BY ELECTRICAL CONTRACTOR



TAG	HOOD	TAG	HOOD
HAW-1	C145	HAW-4	
HAW-2		HAW-5	
HAW-3		HAW-6	

HALTON AIRWATCH (HAW) SENSOR TO BE MOUNTED AWAY FROM SOURCES OF HEAT, USUALLY IN CLOSE PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN "ZONE" AS HOOD(S) IT SERVES. NO CLOSER THAN 10'-12' FROM THE EXHAUST HOOD(S) OR UNHOODED APPLIANCES (IF POSSIBLE). LOCATE IN AREA OF HEAVIEST DUTY APPLIANCE.

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARNOLD GABRIEL GUMBINER 023313 STATE OF NEW YORK

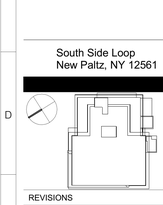
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING.
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS AND CLEARANCES
2. THE CORRECT TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT TYPE MAY REQUIRE A RECALCULATION OF EXHAUST AIRFLOW. IF ANY OF THESE CHANGES OCCUR, A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

APPROVED FOR FABRICATION
WITH NO CHANGES ☐ WITH CHANGES AS NOTED ☐

APPROVED BY _____ DATE _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ONTARIO L4W 3R7
1-905-624-0301

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, NY 14546
1-270-237-5900

WEBSITE: www.halton.com

REV.	REVISION DESCRIPTION	BY	DATE
-		-	-
1	UPDATED SHEET ORDER	JIB	02.04.25
2	NO CHANGE	RTC	02.14.25
3	NO CHANGE	JIB	03.21.25
4			
5			
6			
7			
8			

PROJECT: 23175 SUNY B/C/D
LOCATION: NEW PALT, NY
DRAWN BY: JC
DATE: 08.08.24
SCALE: NOT TO SCALE
CONSULTANT: RICCA

Halton

DRAWING TITLE:
DEMAND CONTROL DETAILS

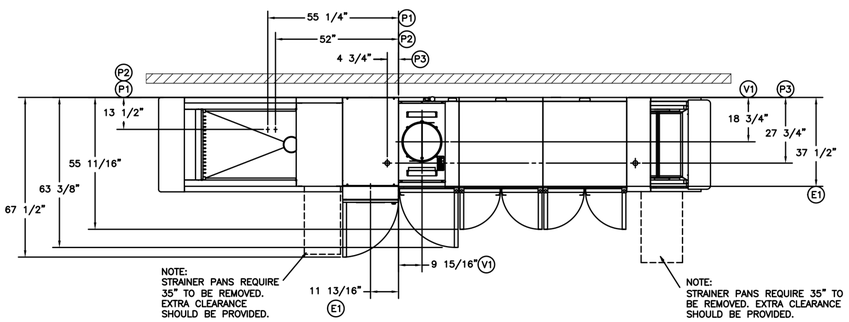
DRAWING No.:
U24-599

REV. NO.: 4
SHEET NO.: 12 of 12

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME:
Foodservice Exhaust Hood Detail
SHEET NUMBER:
QF702-13

CONSTRUCTION SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SERVICE CONNECTION WITH CIRCUIT BREAKERS (1) SERVICE CONNECTIONS AS SHOWN BELOW				
	MOTORS, CONTROLS, WASH, DUAL RINSE, (1TB) BLOWER DRYER, BOOSTER HEAT & BLOWERS			
E1	ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
	480/60/3	98.1	125	125

HEAT GAIN TO SPACE (BTU/HR)	
LATENT	SENSIBLE
71,400	30,600

NOTES:

- E1 ELECTRIC CONNECTION, MOTORS, CONTROLS, WASH, DUAL RINSE, BLOWER DRYER & BOOSTER HEAT, (1TB). 79–1/8" AFF.
- P1 COMMON HOT WATER CONNECTION (AUTOMATIC FILL) 110°F WATER MINIMUM, 1" FPT, 5–1/2" AFF. see notes (b) and (d).
- P2 COMMON COLD WATER CONNECTION, 55°F WATER MINIMUM. 1" FPT, 5–1/2" AFF. see notes (c) AND (d).
- P3 COMMON DRAIN CONNECTION; TWO DRAIN LOCATIONS; MAY BE DRAINED TO EITHER END OF UNIT. PLUG OPPOSITE END. 2" FPT. 7" AFF. (DRAIN IN UNLOAD, QUOTED.)
- V1 CUSTOMER'S VENT CONNECTION, MUST FIT INSIDE 16" DIAMETER VENT STACK, PROVIDING 750 CFM EXHAUST AT MACHINE CONNECTION @ .75" WATER COLUMN (STANDARD AIR CONDITIONS). BACK DRAFT PREVENTER REQUIRED AT ROOF PENETRATION, TO KEEP ENERGY RECOVERY UNIT FROM FREEZING. SUPPLIED AND INSTALLED BY OTHERS. 82–5/8" AFF.

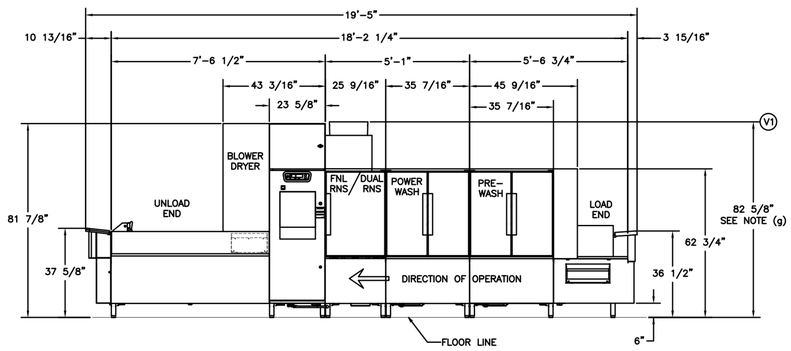
NOTE:

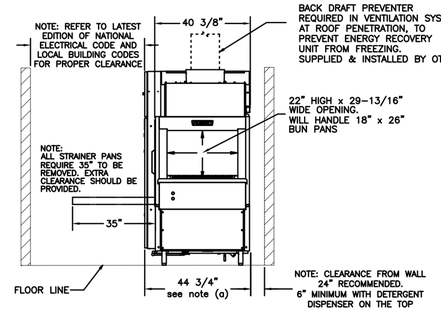
DRAIN WATER TEMPERING KIT (D.W.T.) SUPPLIED BY HOBART, INSTALLED BY HOBART.

REQUIRES SEPARATE PLUMBING CONNECTION, 1" COLD WATER LINE PREFERRED, (3/4" MINIMUM), WATER LINE NOT SUPPLIED BY HOBART.

WILL NEED TO BE LOCATED IN CLOSE PROXIMITY OF THE "P3" ON THE PLAN VIEW. SEE P3 NOTE FOR ADDITIONAL INFO

IT IS THE CUSTOMER'S RESPONSIBILITY TO SUPPLY THIS CONNECTION.





ALL NOTES BELOW MAY NOT BE APPLICABLE, WILL DEPEND ON MACHINE TYPE

NOTICE

PRESSURE GAUGE NOT REQUIRED ON PUMPED RINSE MACHINES.

GENERAL NOTES:

(a) THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS ROTATED 90 DEGREES ALLOWING THE CENTER SECTION TO FIT THROUGH A 42" WIDE, 7' DOOR OPENING.

WITH BACK PANEL AND END CAPS REMOVED, CONTROL PANEL HINGED BACK AND ALL REAR PIPING REMOVED AND DOOR HANDLES REMOVED, OVERALL WIDTH OF MACHINE IS 40".

AFF = ABOVE FINISHED FLOOR

ALL DIMENSIONS TAKE FROM THE FLOOR LINE MAY INCREASE 3–1/4" WITH LEG ADJUSTMENT.

FOR CONVENIENCE WHEN CLEANING, CUSTOMER SHOULD INSTALL WATER TAP NEAR MACHINE WITH 30 FT. OF HEAVY DUTY HOSE WITH SQUEEZE VALVE.

THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.

ELECTRICAL ⚠ WARNING

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

ELECTRICAL NOTES:

1. SERVICE WIRE TEMPERATURE RATING: 90C. MIN.
2. SCCR 5KA

PLUMBING ⚠ WARNING

CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY, AND PLUMBING CODES. DRAIN AND FILL LINE CONFIGURATIONS VARY, SOME METHODS ARE SHOWN ON THIS DRAWING.

PLUMBING NOTES:

RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS PER GALLON FOR BEST RESULTS. (IF ADVANSYS MACHINE – TOTAL SUSPENDED SOLIDS (TSS) LESS THAT 10 MICRONS)

(b) RECOMMENDED BUILDING FLOWING HOT WATER PRESSURE TO THE DISHWASHER IS 30–35 PSI.

(c) (FOR UNITS WITH ENERGY RECOVERY) RECOMMENDED BUILDING FLOWING COLD WATER PRESSURE TO THE DISHWASHER IS 30–35 PSI. IF COLD WATER IS LESS THAN 55°F, CONTACT HOBART ENGINEERING.

(d) WATER HAMMER ARRESTOR (MEETING ASSE–1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (IF REQUIRED) IN HOT AND COLD WATER SUPPLY LINES AT SERVICE CONNECTION.

(e) (FOR STEAM UNITS) IF STEAM PRESSURE IS LESS THAN 12PSI AT THE DISHWASHER, CONTACT HOBART SALES ENGINEERING.

VENTILATION NOTES:

(g) THE VENT STACK ASSEMBLY CAN BE TEMPORARILY REMOVED FROM THE ENERGY RECOVERY OR BASE UNITS TO YIELD (81–7/8") CLEARANCE FOR DOORWAYS (ON STANDARD HEIGHT UNITS).

(h) VENT FAN CONTROL (SWITCH CONTACTS, MAX. CURRENT 1.5 AMPS).

PEAK RATE OF DRAIN FLOW GALLONS PER MINUTE INITIAL RATE WITH FULL TANKS
38

APPROVAL STAMP AND/OR SIGNATURE REQUIRED

SIGNATURE

PRINTED NAME

YOUR ORDER CANNOT BE GIVEN A SHIP DATE UNTIL THESE DRAWINGS ARE RECEIVED.

DATE

☐ APPROVED

☐ APPROVED AS NOTED

SEF & ACCESSORIES
STANDARD TYPE CONVEYOR
w/ AUTO DELIME
DRAIN IN UNLOAD, QUOTED
15KW ELECTRIC BOOSTER
SINGLE POINT ELECTRIC CONN w/ CIRCUIT BREAKERS
DRAIN WATER TEMPERING KIT

STATE UNIVERSITY OF NEW YORK
"SUNY" NEW PALTZ
NEW PALTZ, NY

H.O. #
PROJECT # 24–00875
QUOTE # BL3550

THIS UNIT WILL BE SHIPPED IN 3 SECTIONS AS FOLLOWS:

LOAD	CENTER	UNLOAD
5'7"	5'1"	7'7"

REV #	DATE	INITIALS	REVISIONS
MODEL: FT 1018Se–ERBD			DIRECTION: R–L
VOLTAGE: (W/ 110V. P.C.)	480/60/3		
DRAWN BY: K Walls			DATE: 7/05/2024
DRAWING # Z–FT24–269			REV.
			SHEET 1 OF 1

HOBART

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL PERAZZO 022313 STATE OF NEW YORK

EXP. DATE : 03/31/2028

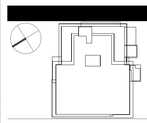
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set

DATE: 08/17/2026

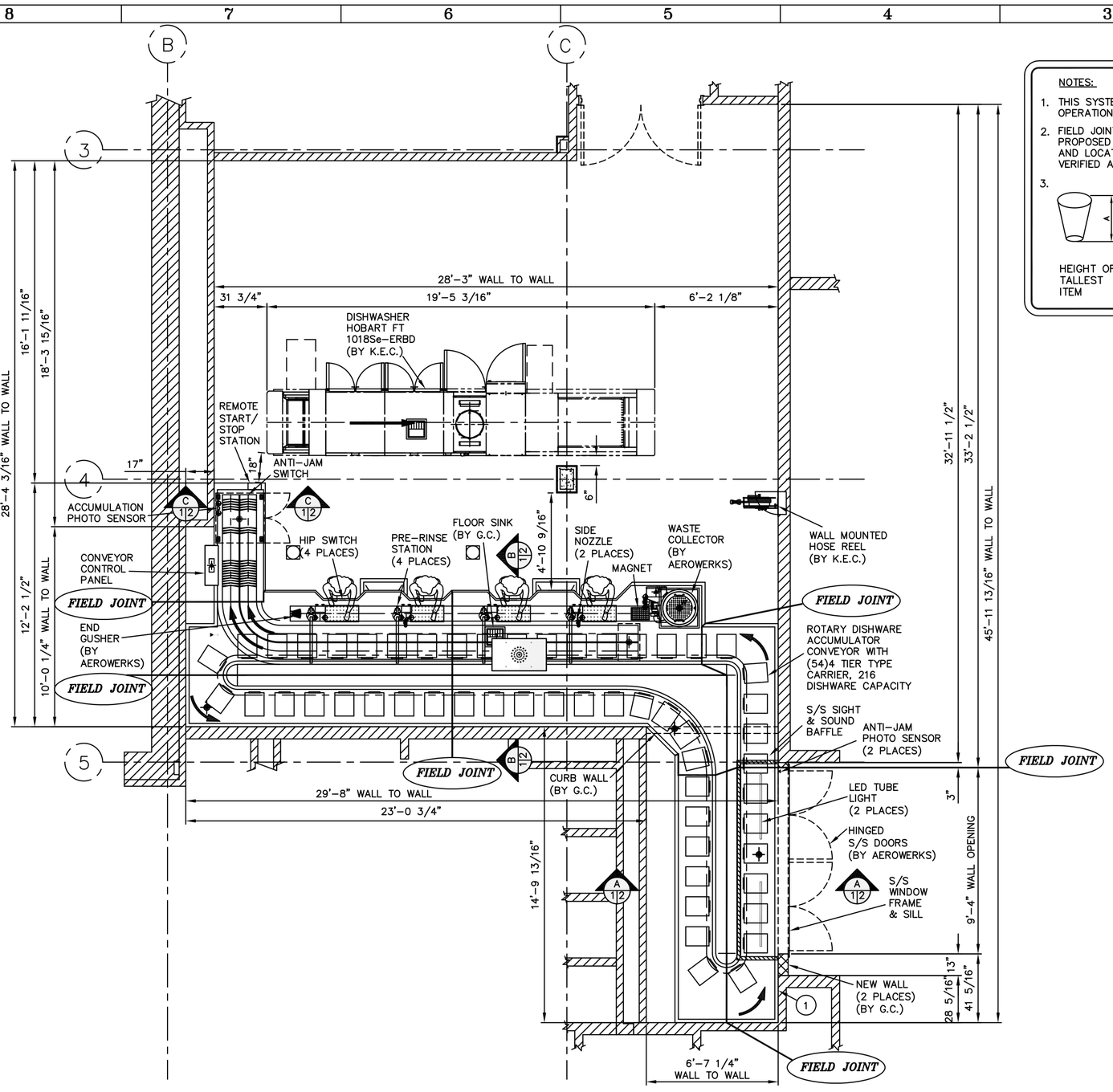
SCALE:

SHEET NAME:
Flight Type Dishwasher Drawing

SHEET NUMBER:
QF800-1

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



NOTES:

1. THIS SYSTEM IS DESIGNED FOR TRAYLESS OPERATION
2. FIELD JOINTS SHOWN ON THIS DRAWING ARE PROPOSED ONLY. FINAL QUANTITY AND LOCATION OF FIELD JOINTS TO BE VERIFIED AT TIME OF APPROVAL
3. A — HEIGHT OF TALLEST ITEM; B — SIZE OF TRAYS TO BE USED; VERIFY

CONCEPTUAL DESIGN ONLY
NOT TO BE USED FOR CONSTRUCTION

LEGEND FOR FINAL MECHANICAL & ELECTRICAL CONNECTIONS

- 1/2"ø HOT & COLD WATER SUPPLY ~6" A.F.F. (6 PLACES)
- 1 1/2"ø DRAIN ~12" A.F.F. (6 PLACES)
- W 2"ø DRAIN ~12" A.F.F.
- W POWER SUPPLY (WASTE COLLECTOR) 15A/208V/1ø/60Hz (FULL LOAD 3.3A) ~24" A.F.F.
- POWER SUPPLY 15A/208V/1ø/60Hz (FULL LOAD 6.6A) 60" A.F.F.

GENERAL NOTES:

1. AEROWERKS EQUIPMENT ON THIS DRAWING SHOWS POINTS OF FINAL CONNECTIONS ONLY ALL FLOOR SINKS, DRAINS WATERLINES AND CONDUITS TO THESE CONNECTIONS BY PLUMBING CONTRACTOR
2. FINAL MECHANICAL CONNECTIONS TO DRAINS AND WATER SUPPLIES BY PLUMBING CONTRATOR
3. FINAL ELECTRICAL CONNECTION TO MAIN CONTROL CENTER BY ELECTRICAL CONTRACTOR
4. FIELD WIRING OF CONNECTIONS TO MAIN CONTROL CENTER BY AEROWERKS @ TIME OF INSTALLATION

EQUIPMENT LIST (BY AEROWERKS)		
ITEM #	DESCRIPTION	QTY
1	ROTARY DISHWARE ACCUMULATOR SYSTEM TO INCLUDE:-	
	S/S PASS THRU WINDOW FRAME & SILL	1
	S/S SIGHT & SOUND BAFFLE	1
	HINGED S/S DOORS	1
	ROTARY DISHWARE ACCUMULATOR CONVEYOR	1
	SOILED DISH TABLE	1
	DOUBLE SLAT BELT ACCUMULATION CONVEYOR	1
	MOBILE SOAK SINK	2

REVISION	MM/DD/YY	DESCRIPTION	BY
A	07/12/24	ISSUED FOR PRESENTATION	K.S.

0 1 2 3 4 5
SCALE IN FT.

ALL IDEAS, DESIGNS, PLANS AND ARRANGEMENTS INDICATED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AEROWERKS AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, PLANS OR ARRANGEMENTS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, CORPORATION OR FIRM FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AEROWERKS.

AEROWERKS
6625 Millcreek Drive, Mississauga, Ontario L5N 5M4
Tel: (905) 363-6999 Fax: (905) 363-6998

CONSULTANT: RICCA DESIGN STUDIOS– BROOKLYN
MODEL: TAC*/DSBC/SDT UW/WC
JOB NAME: SUNY – NEW PALTZ – II, NEW PALTZ, NY
TITLE: ROTARY DISHWARE ACCUMULATOR SYSTEM PLAN VIEW
SCALE: 3/8" = 1'–0" | DRAWN BY: K.S. | DATE: 07/12/24
MATERIAL: | CHECKED BY: PRATEEK | S1
SIZE: D | DRAWING NO. P244459 | SHEET: 01 | REV. A

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARNOLD SAMUEL GUNSBURG — 022313 — STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz — STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

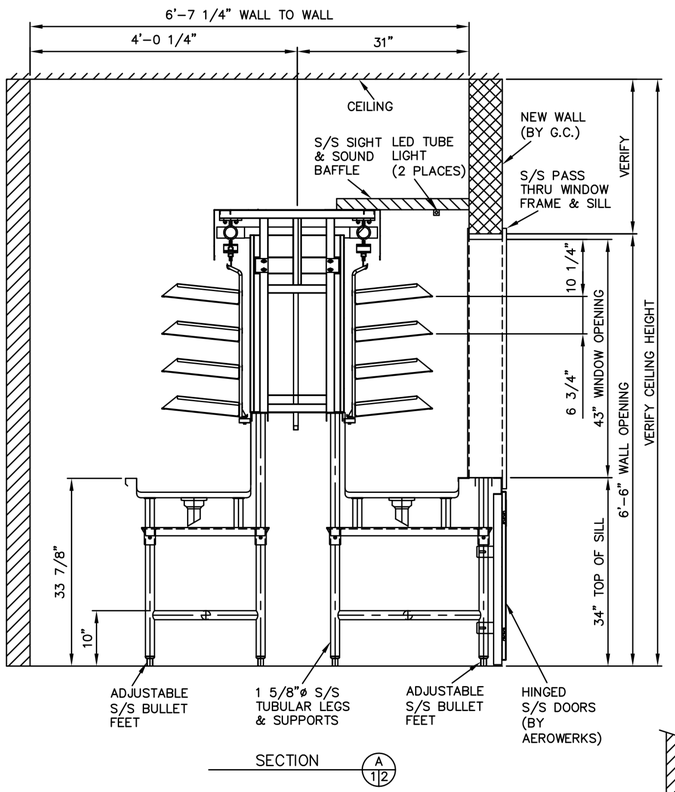
REVISIONS

No.	Description	Date

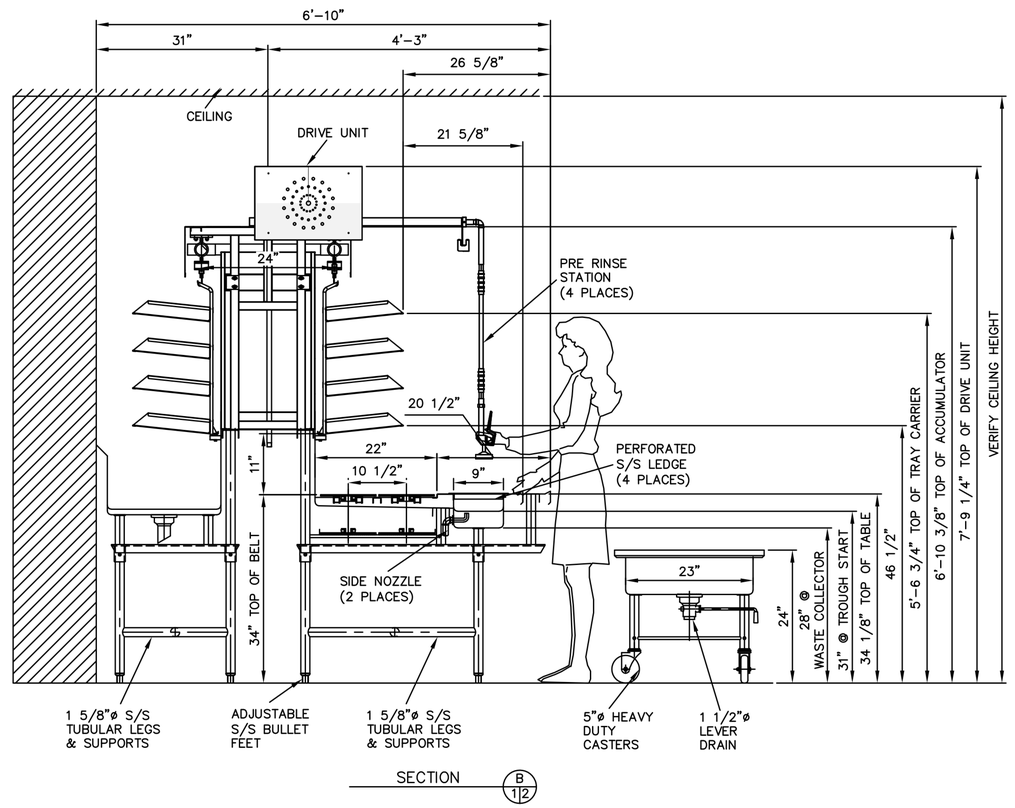
ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Accumulator Drawing
SHEET NUMBER: QF800-2

BID SET

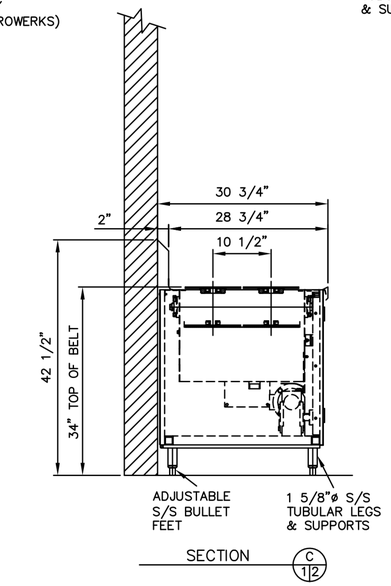
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SECTION A 1/2



SECTION B 1/2



SECTION C 1/2

REVISION	MM/DD/YY	DESCRIPTION	BY
A	07/12/24	ISSUED FOR PRESENTATION	K.S.

0 1 2
SCALE IN FT.

ALL IDEAS, DESIGNS, PLANS AND ARRANGEMENTS INDICATED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AEROWERKS AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, PLANS OR ARRANGEMENTS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, CORPORATION OR FIRM FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AEROWERKS.

AEROWERKS
6625 Millcreek Drive, Mississauga, Ontario L5N 5M4
Tel: (905) 363-6999 Fax: (905) 363-6998

CONSULTANT:	RICCA DESIGN STUDIOS-BROOKLYN
MODEL:	TAC*/DSBC/SDT UW/WC
JOB NAME:	SUNY - NEW PALTZ - II, NEW PALTZ, NY
TITLE:	ROTARY DISHWARE ACCUMULATOR SYSTEM CROSS SECTIONS
SCALE:	1" = 1'-0"
DRAWN BY:	K.S.
DATE:	07/12/24
MATERIAL:	
CHECKED BY:	PRATEEK
	S1
SIZE:	D
DRAWING NO.	P244459
SHEET:	02
REV.	A

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUAGLIATA 032313 STATE OF NEW YORK

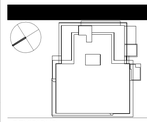
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

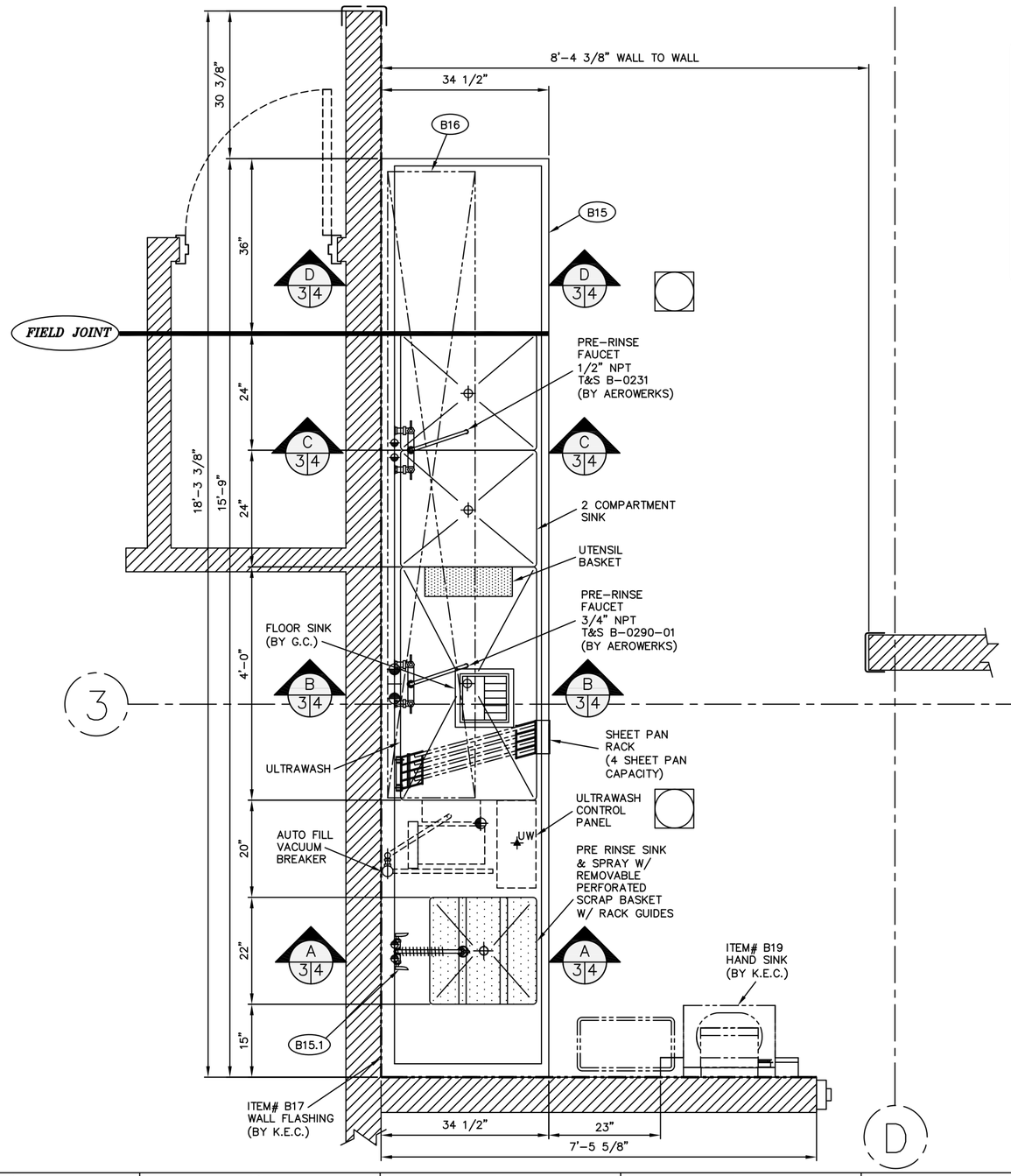
No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Accumulator Drawing

SHEET NUMBER: QF800-3

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC



ULTRAWASH SPECIFICATIONS:

- W/ ELECTRIC HEATER
- 48" WASH SINK
- 24" RINSE SINK
- 24" SANITIZER SINK
- UTENSIL BASKET
- 3/4" W/AUTOFILL HOT WATERLINE
- MIXING FAUCET HOT/COLD IN WASH SINK : 3/4" FPT
- MIXING FAUCET HOT/COLD IN SANITIZER SINK AND RINSE SINK : 1/2" FPT
- HIGH QUALITY SWIVEL
- STANDARD CONTROLS

CONCEPTUAL DESIGN ONLY
NOT TO BE USED FOR CONSTRUCTION

LEGEND FOR FINAL MECHANICAL & ELECTRICAL CONNECTIONS

- 1/2"ø HOT & COLD WATER SUPPLY ~6" A.F.F. (2 PLACES)
- 3/4"ø HOT & COLD WATER SUPPLY ~6" A.F.F.
- 3/4"ø W/ AUTOFILL HOT WATER
- 1 1/2"ø DRAIN ~12" A.F.F. (4 PLACES)
- UW POWER SUPPLY 20A/208V/3ø/60Hz ~24" A.F.F.

GENERAL NOTES:

1. AEROWERKS EQUIPMENT ON THIS DRAWING SHOWS POINTS OF FINAL CONNECTIONS ONLY ALL FLOOR SINKS, DRAINS WATERLINES AND CONDUITS TO THESE CONNECTIONS BY PLUMBING CONTRACTOR
2. FINAL MECHANICAL CONNECTIONS TO DRAINS AND WATER SUPPLIES BY PLUMBING CONTRACTOR.
3. FINAL ELECTRICAL CONNECTION TO MAIN CONTROL CENTER BY ELECTRICAL CONTRACTOR
4. FIELD WIRING OF CONNECTIONS TO MAIN CONTROL CENTER BY AEROWERKS @ TIME OF INSTALLATION

EQUIPMENT LIST (BY AEROWERKS)		
ITEM #	DESCRIPTION	QTY
B15	UNLIMITED POT, PAN & SHEET PAN WASHING SYSTEM	1
B15.1	PRE-RINSE FAUCET (T&S B-0133-BR)	1
B16	TABLE MOUNTED SHELF	1

REVISION	MM/DD/YY	DESCRIPTION	BY
A	07/12/24	ISSUED FOR PRESENTATION	K.S.

0 1 2
SCALE IN FT.

ALL IDEAS, DESIGNS, PLANS AND ARRANGEMENTS INDICATED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AEROWERKS AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, PLANS OR ARRANGEMENTS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, CORPORATION OR FIRM FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AEROWERKS.

AEROWERKS
6625 Millcreek Drive, Mississauga, Ontario L5N 5M4
Tel: (905) 363-6999 Fax: (905) 363-6998

CONSULTANT:	RICCA DESIGN STUDIOS – BROOKLYN
MODEL:	TAC*/DSBC/SDT UW/WC
JOB NAME:	SUNY – NEW PALTZ – II, NEW PALTZ, NY
TITLE:	ITEM# B15, B15.1 & B16 PLAN VIEW
SCALE:	1" = 1'-0"
DRAWN BY:	K.S.
DATE:	07/12/24
MATERIAL:	
CHECKED BY:	PRATEEK
	S1
SIZE:	D
DRAWING NO.	P244459
SHEET:	03
REV.	A

PROJECT NUMBER: 23175

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARAKOTOSAMUEL QUIAMBAO 023115 STATE OF NEW YORK
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

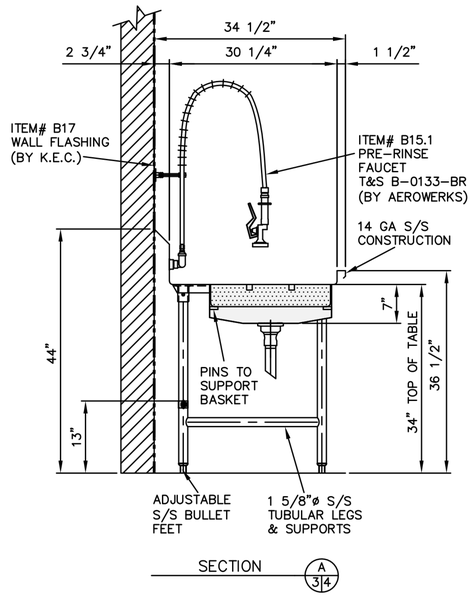
South Side Loop
New Paltz, NY 12561

REVISIONS

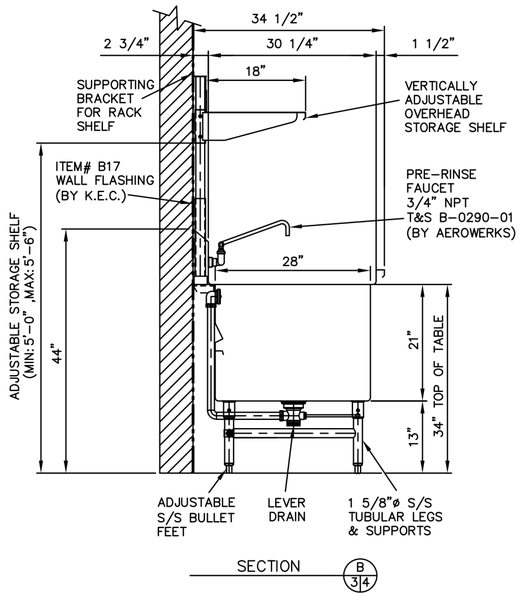
No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Power Wash Pot Sink Drawing
SHEET NUMBER: QF800-4

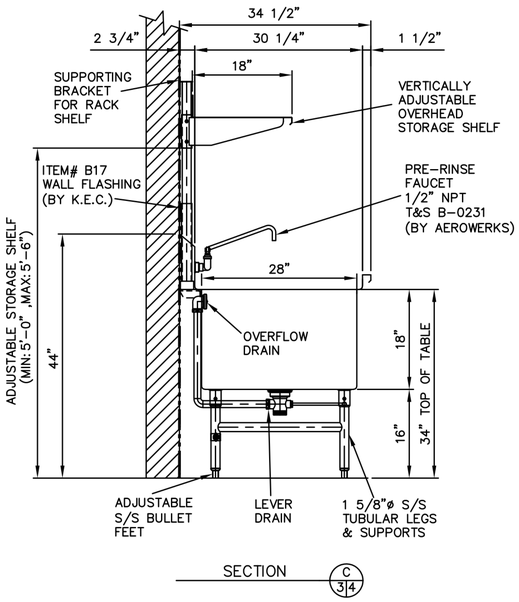
BID SET



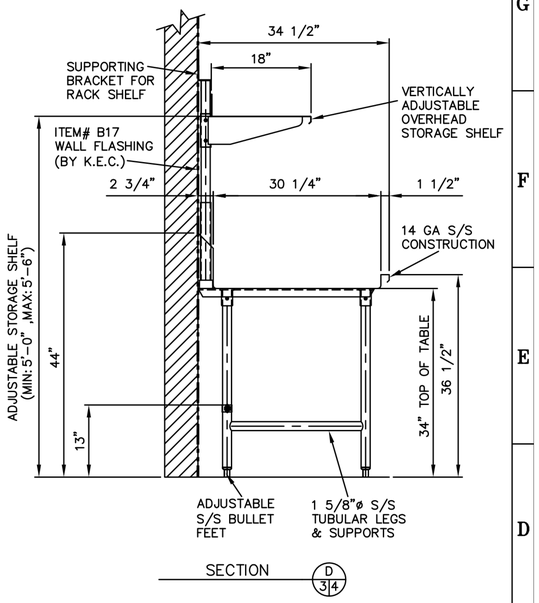
SECTION A 3/4



SECTION B 3/4



SECTION C 3/4



SECTION D 3/4

ALL IDEAS, DESIGNS, PLANS AND ARRANGEMENTS INDICATED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AEROWERKS AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, PLANS OR ARRANGEMENTS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, CORPORATION OR FIRM FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AEROWERKS.

REVISION	MM/DD/YY	DESCRIPTION	BY
A	07/12/24	ISSUED FOR PRESENTATION	K.S.

0 1 2
SCALE IN FT.

AEROWERKS
6625 Millcreek Drive, Mississauga, Ontario L5N 5M4
Tel: (905) 363-6999 Fax: (905) 363-6998

CONSULTANT: RICCA DESIGN STUDIOS- BROOKLYN
MODEL: TAC*/DSBC/SDT UW/WC
JOB NAME: SUNY - NEW PALTZ - II, NEW PALTZ, NY
TITLE: ITEM# B15, B15.1 & B16 CROSS SECTIONS
SCALE: 1" = 1'-0"
DRAWN BY: K.S.
DATE: 07/12/24
MATERIAL:
CHECKED BY: PRATEEK
S1
SIZE: D
DRAWING NO. P244459
SHEET: 04
REV. A

PROJECT NUMBER: 23175 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldstricklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMOND SAMUEL QUARRIER 032313 STATE OF NEW YORK

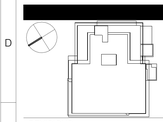
EXP. DATE : 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561



REVISIONS

No.	Description	Date

ISSUED: Bid Set
DATE: 08/17/2026
SCALE:
SHEET NAME: Power Wash Pot Sink Drawing
SHEET NUMBER: QF800-5

BID SET

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
GENERAL					
G-000	COVER SHEET	X	X	X	X
G-001	SHEET INDEX	X	X	X	X
CIVIL					
C-001	CONTRACTOR LAYDOWN AREA AND NOTES		X	X	X
C-101	SITE PREPARATION PLAN	X	X	X	X
C-201	SITE IMPROVEMENTS PLAN	X	X	X	X
C-301	SITE GRADING AND UTILITY PLAN	X	X	X	X
C-302	UTILITY PROFILES	X	X	X	X
C-401	SITE LANDSCAPE PLAN	X	X	X	X
C-501	ESC DETAILS	X	X	X	X
C-502	SITE DETAILS	X	X	X	X
C-503	UTILITY DETAILS	X	X	X	X
GENERAL/LIFE SAFETY/CODE ANALYSIS					
G-031	GENERAL NOTES / ABBREVIATIONS / LEGENDS AND SYMBOLS	X	X	X	X
G-041	EXTERIOR WALL ASSEMBLIES & INTERIOR WALL TYPES		X	X	X
G-051	ACCESSIBILITY COMPLIANCE DIAGRAMS	X	X	X	
G-052	STANDARD MOUNTING HEIGHTS	X	X	X	X
G-101	FIRST FLOOR LIFE SAFETY PLAN	X	X	X	X
G-102	SECOND FLOOR LIFE SAFETY PLAN	X	X	X	X
G-103	MEZZANINE LIFE SAFETY PLAN		X	X	X
ARCHITECTURAL					
AA-100	LEVEL 1 ABATEMENT PLAN	X	X	X	X
AA-101	LEVEL 2 ABATEMENT PLAN	X	X	X	X
AA-102	MEZZ. ABATEMENT PLAN	X	X	X	X
AA-103	ROOF ABATEMENT PLAN	X	X	X	X
AD-101	FIRST FLOOR DEMOLITION PLAN	X	X	X	X
AD-102	SECOND FLOOR DEMOLITION PLAN	X	X	X	X
AD-103	MECHANICAL MEZZANINE DEMOLITION FLOOR PLAN	X	X	X	X
AD-110	FIRST FLOOR OVERALL DEMO RCP	X	X	X	X
AD-111	SECOND FLOOR OVERALL DEMO RCP	X	X	X	X
AD-121	OVERALL DEMOLITION ROOF PLAN	X	X	X	X
AD-201	DEMO ELEVATIONS	X	X	X	X
AD-202	DEMO ELEVATIONS	X	X	X	X
A-011	ARCHITECTURAL SITE PLAN		X	X	X
A-101	OVERALL FIRST FLOOR PLAN	X	X	X	X
A-102	OVERALL SECOND FLOOR PLAN	X	X	X	X
A-103	MECHANICAL MEZZANINE FLOOR PLAN	X	X	X	X
A-111	FIRST FLOOR RCP	X	X	X	X
A-112	SECOND FLOOR RCP	X	X	X	X
A-121	OVERALL ROOF PLAN	X	X	X	X
A-131	FIRST FLOOR SLAB EDGE PLAN	X	X	X	X
A-201	BUILDING ELEVATIONS	X	X	X	X
A-202	BUILDING ELEVATIONS	X	X	X	X
A-301	BUILDING SECTIONS	X	X	X	X
A-311	WALL SECTIONS		X	X	X
A-312	WALL SECTIONS		X	X	X
A-313	WALL SECTIONS		X	X	X
A-331	ROOF DETAILS			X	X
A-401	ENLARGED FLOOR PLANS		X	X	X
A-402	ENLARGED FLOOR PLANS		X	X	X
A-403	ENLARGED FLOOR PLANS		X	X	X
A-404	ENLARGED FLOOR PLANS			X	X
A-411	ENLARGED RCPS		X	X	X
A-412	ENLARGED RCPS		X	X	X
A-413	ENLARGED RCPS		X	X	X
A-501	FOUNDATION DETAILS		X	X	X
A-502	EXTERIOR SECTION DETAILS		X	X	X
A-503	EXTERIOR SECTION DETAILS		X	X	X
A-551	CEILING DETAILS			X	X
A-552	CEILING DETAILS			X	X
A-601	DOOR SCHEDULE AND DETAILS		X	X	X
A-621	INTERIOR WINDOW ELEVATIONS		X	X	X
A-622	WINDOW DETAILS		X	X	X
A-631	EXTERIOR WINDOW ELEVATIONS		X	X	X
A-701	STAIR PLANS & SECTIONS		X	X	X
A-702	STAIR PLANS & SECTIONS		X	X	X
A-703	STAIR PLANS & SECTIONS			X	X
A-711	STAIR DETAILS			X	X
A-721	ELEVATOR PLANS & SECTIONS		X	X	X
A-801	INTERIOR FINISH SCHEDULES			X	X
A-811	FIRST FLOOR INTERIOR FINISH PLANS		X	X	X
A-812	SECOND FLOOR INTERIOR FINISH PLANS		X	X	X
A-822	FIRST FLOOR FURNITURE PLANS	X	X	X	X
A-823	SECOND FLOOR FURNITURE PLANS	X	X	X	X
A-831	ENLARGED INTERIOR ELEVATIONS		X	X	X
A-832	ENLARGED INTERIOR ELEVATIONS - FIRST FLOOR		X	X	X
A-833	ENLARGED INTERIOR ELEVATIONS			X	X
A-841	MILLWORK & CASEWORK SECTIONS		X	X	X
A-842	MILLWORK & CASEWORK SECTIONS		X	X	X
A-852	SIGNAGE DETAILS			X	X
PRESENTATION					
A-900	EXTERIOR RENDERINGS	X	X	X	X
A-901	INTERIOR RENDERINGS	X	X	X	X
A-902	INTERIOR RENDERINGS		X	X	X
STRUCTURAL					
S-000	STRUCTURAL COVER SHEET	X	X	X	X
S-001	STRUCTURAL NOTES		X	X	X
S-002	STRUCUTRAL NOTES		X	X	X
S-010	STRUCTURAL DESIGN CRITERIA		X	X	X
S-011	STRUCTURAL DESIGN CRITERIA		X	X	X
S-012	STRUCTURAL DESIGN CRITERIA			X	X
SD-101	LEVEL 1 DEMOLITION PLAN	X	X	X	X
SD-102	LEVEL 2 DEMOLITION PLAN	X	X	X	X
SD-103	MECHANICAL PENTHOUSE DEMOLITION PLAN	X	X	X	X
SD-104	ROOF DEMOLITION PLAN				X
SD-200	BUILDING SECTION - DEMOLITION	X	X	X	X
S-101	LEVEL 1 FLOOR PLAN	X	X	X	X
S-102	LEVEL 2 FRAMING PLAN	X	X	X	X
S-103	MECHANICAL PENTHOUSE FRAMING PLAN	X	X	X	X
S-104	ROOF FRAMING PLAN	X	X	X	X
S-130	BUILT UP SLAB PLAN AND DETAILS		X	X	X
S-200	BUILDING SECTIONS	X	X	X	X
S-201	BRACE ELEVATIONS		X	X	X
S-202	WALL ELEVATIONS		X	X	X

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
S-203	SHEAR WALL ELEVATIONS			X	X
S-300	SHEAR WALL REINFORCEMENT PLAN			X	X
S-400	FOUNDATION TYPICAL DETAILS		X	X	X
S-401	BEARING SLAB ON GROUND DETAILS		X	X	X
S-402	BEARING SLAB ON GROUND TYPICAL DETAILS		X	X	X
S-403	WALL TYPICAL DETAILS		X	X	X
S-404	CURB TYPICAL DETAILS		X	X	X
S-405	WELDS TYPICAL DETAILS		X	X	X
S-406	BASE PLATE SCHEDULE AND TYPICAL DETAILS		X	X	X
S-407	STEEL COLUMN SCHEDULE		X	X	X
S-408	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS		X	X	X
S-409	CONNECTIONS TYPICAL DETAILS GRAVITY SYSTEMS		X	X	X
S-410	CONNECTIONS TYPICAL DETAILS GRAVITYSYSTEMS		X	X	X
S-411	BRACING TYPICAL DETAILS		X	X	X
S-412	SLAB/STEEL DECK TYPICAL DETAILS		X	X	X
S-413	SLAB/STEEL DECK TYPICAL DETAILS		X	X	X
S-414	DECK SUPPORT AND STUD SHEAR CONNECTIONS TYP. DETAILS		X	X	X
S-415	REINFORCED CMU WALL TYPICAL DETAILS			X	X
S-416	REINFORCED CMU WALL TYPICAL DETAILS			X	X
S-500	SECTIONS AND DETAILS		X	X	X
S-501	SECTIONS AND DETAILS		X	X	X
S-502	SECTIONS AND DETAILS			X	X
S-503	SECTIONS AND DETAILS			X	X
S-504	SECTIONS AND DETAILS			X	X
MECHANICAL					
H-001	HVAC SYMBOLS, ABBREVIATIONS & NOTES	X	X	X	X
HS-101	GEOTHERMAL WELL FIELD SITE PLAN	X	X	X	X
HD-101	HVAC FIRST FLOOR DEMO DUCTWORK PLAN	X	X	X	X
HD-102	HVAC SECOND FLOOR DEMO DUCTWORK PLAN	X	X	X	X
HD-103	HVAC ROOF DEMO DUCTWORK PLAN		X	X	X
HD-201	HVAC FIRST FLOOR DEMO HYDRONIC PLAN	X	X	X	X
HD-202	HVAC SECOND FLOOR DEMO HYDRONIC PLAN	X	X	X	X
HD-204	HVAC ENLARGED MECHANICAL FLOOR DEMO PLANS			X	X
H-101	HVAC FIRST FLOOR DUCTWORK PLAN	X	X	X	X
H-102	HVAC SECOND FLOOR DUCTWORK PLAN	X	X	X	X
H-103	HVAC MEZZANINE DUCTWORK PLAN	X	X	X	X
H-104	HVAC ROOF PLAN	X	X	X	X
H-201	HVAC FIRST FLOOR HYDRONIC PLAN	X	X	X	X
H-202	HVAC SECOND FLOOR HYDRONIC PLAN	X	X	X	X
H-203	HVAC MEZZANINE HYDRONIC PLAN	X	X	X	X
H-204	HVAC ENLARGED MECHANICAL ROOM HYDRONIC PLAN			X	X
H-205	HVAC ENLARGED MEZZANINE HYDRONIC PLAN			X	X
H-301	HVAC FIRST FLOOR SECTIONS		X	X	X
H-302	HVAC MEZZANINE SECTIONS		X	X	X
H-303	HVAC MEZZANINE & GEOTHERMAL SECTION VIEWS		X	X	X
H-501	HVAC CONTROLS SYMBOL, NOTES & ABBREVIATIONS - SYSTEM ARCHITECTURE DIAGRAM			X	X
H-502	HVAC AHU CONTROLS DIAGRA SEQUENCE OF OPERATION, AND POINTS LISTS			X	X
H-503	HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS			X	X
H-504	HVAC CONTROLS DIAGRAMS, SEQUENCES OF OPERATION, AND POINTS LISTS			X	X
H-601	HVAC RISER DIAGRAMS		X	X	X
H-602	HVAC HYDRONIC PIPING RISER DIAGRAM		X	X	X
H-701	HVAC DETAILS	X	X	X	X
H-702	HVAC DETAILS	X	X	X	X
H-703	HVAC DETAILS	X	X	X	X
H-704	HVAC DETAILS	X	X	X	X
H-705	HVAC DETAILS			X	X
H-706	HVAC DETAILS			X	X
H-801	HVAC SCHEDULES		X	X	X
H-802	HVAC SCHEDULES			X	X
H-803	HVAC OPTIONAL DESIGN SCHEDULES			X	X
PLUMBING					
P-100	LEGEND AND NOTES		X	X	X
PD-100	FIRST FLOOR DOMESTIC WATER AND GAS DEMOLITION PLAN	X	X	X	X
PD-101	FIRST FLOOR UNDER SLAB DEMOLITION PLAN	X	X	X	X
PD-102	SECOND FLOOR BELOW FLOOR DRAINAGE DEMOLITION PLANS	X	X	X	X
PD-103	ROOF DEMOLITION PLAN	X	X	X	X
PD-800	DOMESTIC WATER SCHEMATIC - REMOVALS				X
PD-801	SANITARY - VENT SCHEMATIC REMOVALS				X
P-101	FIRST FLOOR STORM - SAN- VENT	X	X	X	X
P-102	FIRST FLOOR DOMESTIC WATER	X	X	X	X
P-103	SECOND FLOOR STORM - SAN - VENT		X	X	X
P-104	SECOND FLOOR DOMESTIC WATER		X	X	X
P-105	MEZZANINE STORM - SAN - VENT		X	X	X
P-106	ROOF PLAN		X	X	X
P-800	DOMESTIC WATER SCHEMATIC			X	X
P-801	SANITARY - VENT SCHEMATIC		X	X	X
P-900	SCHEDULES		X	X	X
P-901	PLUMBING DETAILS		X	X	X
P-902	ENLARGED PLANS		X	X	X
P-903	ENLARGED BATHROOMS				X
FIRE PROTECTION					
F001	FIRE PROTECTION NOTES AND SYMBOLS	X	X	X	X
FD101	FIRST FLOOR FIRE PROTECTION DEMOLITION	X	X	X	X
F101	FIRST FLOOR FIRE PROTECTION PLAN		X	X	X
F102	SECOND FLOOR FIRE PROTECTION PLAN		X	X	X
F103	SECOND FLOOR / MECHANICAL MEZZ. FIRE PROTECTION PLAN		X	X	X
F201	FIRST FLOOR FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F202	SECOND FLOOR FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F203	MECHANICAL MEZZ. FIRE PROTECTION REQUIREMENTS PLAN	X	X	X	X
F501	FIRE PROTECTION DETAILS	X	X	X	X
F502	FIRE PROTECTION RISER DIAGRAM	X	X	X	X
FA001	FIRE ALARM NOTES AND SYMBOLS	X	X	X	X
FAD101	FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN	X	X	X	X
FAD102	SECOND FLOOR FIRE ALARM DEMOLITION PLAN	X	X	X	X
FAD103	MECHANICAL MEZZ. FIRE ALARM DEMOLITION PLAN	X	X	X	X
FA101	FIRST FLOOR FIRE PROTECTION PLAN		X	X	X
FA102	SECOND FLOOR FIRE ALARM PLAN		X	X	X
FA103	MECHANICAL MEZZ. FIRE ALARM PLAN		X	X	X
FA201	FIRST FLOOR FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA202	SECOND FLOOR FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA203	MECHANICAL MEZZ. FIRE ALARM DETECTION REQUIREMENTS	X	X	X	X
FA501	FIRE ALARM DETAILS		X	X	X
FA502	FIRE ALARM RISER DIAGRAM		X	X	X

SHEET INDEX

SHEET NUMBER	SHEET NAME	04/09/24 SD SET	09/27/24 DM SET	11/26/25 PB SET	08/17/26 BID SET
TELECOMMUNICATION					
T-001	ERCES SYSTEM NOTES DETAILS & LEGENDS				X
T-101	FIRST FLOOR ERCES PLAN				X
T-102	SECOND FLOOR ERCES PLAN				X
T-103	THIRD FLOOR ERCES PLAN				X
T-104	FIBER NETWORK INSTALLATION PLAN - AREA 1				X
T-105	FIBER NETWORK INSTALLATION PLAN - AREA 2				X
ELECTRICAL					
E-000	GENERAL NOTES, SYMBOLS LEGENDS, AND ABBREVIATIONS	X	X	X	X
ED-101	FIRST FLOOR - ELECTRICAL DEMOLITION PLAN	X	X	X	X
ED-102	SECOND FLOOR ELECTRICAL DEMOLITION PLAN	X	X	X	X
ED-103	MEZZANINE LEVEL DEMOLITION		X	X	X
ES-1	ELECTRIC UTILITY PLAN			X	X
E-100	REFERENCE KEY PLAN	X	X	X	X
E-201	FIRST FLOOR PLAN POWER AND SYSTEMS	X	X	X	X
E-202	SECOND FLOOR PLAN POWER AND SYSTEMS	X	X	X	X
E-203	SECOND FLOOR PLAN ENLARGED	X	X	X	X
E-204	MEZZANINE LEVEL POWER AND SYSTEMS		X	X	X
E-301	FIRST FLOOR PLAN - LIGHTING	X	X	X	X
E-302	SECOND FLOOR PLAN - LIGHTING	X	X	X	X
E-303	MEZZANINE LEVEL LIGHTING	X	X	X	X
E-400	EQUIPMENT CONNECTION SCHEUDLE AND LUMINAIRE SCHEDULE	X	X	X	X
E-401	KITCHEN EQUIPMENT CONNECTION SCHEDULES A, B, AND D	X	X	X	X
E-402	KITCHEN EQUIPMENT CONNECTION SCHEDULE C	X	X	X	X
E-403	KITCHEN EQUIPMENT CONNECTION SCHEDULE C PART 1			X	X
E-404	KITCHEN EQUIPMENT CONNECTION SCHEDULE C PART 2			X	X
E-405	PANEL SCHEDULES			X	X
E-406	PANEL SCHEDULES			X	X
E-407	PANEL SCHEDULES			X	X
E-408	PANEL SCHEDULES			X	X
E-500	DETAILS AND SCHEDULES			X	X
E-501	DETAILS AND DIAGRAMS			X	X
E-502	DETAILS AND DIAGRAMS			X	X
E-503	DETAILS AND DIAGRAMS			X	X
E-504	TABLES, DETAILS AND DIAGRAMS			X	X
E-601	ONE-LINE DIAGRAM DEMOLITION	X	X	X	X
E-602	ONE-LINE DIAGRAM			X	X
ETS-1	TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY PLAN				X
ETS-2	TEMPORARY CONSTRUCTION PHASE ELECTRIC UTILITY ONE-LINE DIAGRAM				X
FOOD SERVICE					
QF000-1	INDEX SHEET	X	X	X	X
QF100-1	FOODSERVICE KEY PLAN (A)	X	X	X	X
QF100-2	FOODSERVICE KEY PLAN (B,C,D)	X	X	X	X
QF400-1	FOODSERVICE EQUIPMENT PLAN (A)	X	X	X	X
QF400-1A	FOODSERVICE 3D VIEWS (A)		X	X	X
QF400-2A	FOODSERVICE UTILITY SCHEDULE (A)				X
QF400-3	FOOD SERVICE BUILDING CONDITIONS & VENTILATION PLAN A				X
QF400-4	FOOD SERVICE PLUMBING PLAN A				X
QF400-5	FOOD SERVICE ELECTRICAL PLAN A				X
QF401-1	FOODSERVICE EQUIPMENT PLAN (B)	X	X	X	X
QF401-1A	FOODSERVICE 3D VIEWS (B)		X	X	X
QF401-2A	FOODSERVICE UTILITY SCHEDULE (B_)				X
QF401-2B	FOODSERVICE UTILITY SCHEDULE (B)				X
QF401-3	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN B				X
QF401-4	FOODSERVICE BUILDING PLUMBING PLAN B				X
QF401-5	FOODSERVICE BUILDING ELECTRICAL PLAN B				X
QF402-1	FOODSERVICE EQUIPMENT PLAN (C)	X	X	X	X
QF402-1A	FOODSERVICE EQUIPMENT SCHDULE (C)		X	X	X
QF402-1B	FOODSERVICE 3D VIEWS (C)		X	X	X
QF402-2A	FOODSERVICES UTILITY SCHEDULES (C)			X	X
QF402-2B	FOODSERVICE UTILITY SCHEDULES (C)			X	X
QF402-2C	FOODSERVICE UTILITY SCHEDULE (C)			X	X
QF402-2D	FOODSERVICE UTILITY SCHEDULE (C)			X	X
QF402-3A	FOODSERVICE BUILDING CONDITIS & VENTILATION PLAN C			X	X
QF402-3B	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN C			X	X
QF402-4A	FOODSERVICE PLUMBING PLAN C			X	X
QF402-4B	FOODSERVICE PLUMBING PLAN C			X	X
QF402-5	FOODSERVICE ELECTRIC PLAN C			X	X
QF402-6	FOODSERVICE ELECTRIC PLAN C			X	X
QF403-1	FOODSERVICE EQUIPMENT PLAN (D)	X	X	X	X
QF403-2	FOODSERVICE UTILITY SCHEDULE (D)			X	X
QF403-3	FOODSERVICE BUILDING CONDITIONS & VENTILATION PLAN D			X	X
QF403-4	FOODSERVICE BUILDING PLUMBING PLAN D			X	X
QF403-5	FOODSERVICE BUILDING ELECTRICAL PLAN D			X	X
QF501-1	FOODSERVICE ELEVATION KEY PLAN A			X	X
QF501-2	FOODSERVICE ELEVATION KEY PLAN B,C,D			X	X
QF501-3	FOODSERVICE ELEVATION PLAN A			X	X
QF501-4	FOODSERVICE ELEVATION PLAN B			X	X
QF501-5	FOODSERVICE ELEVATION PLAN B,C			X	X
QF501-6	FOODSERVICE ELEVATION PLAN C			X	X
QF501-7	FOODSERVICE ELEVATION PLAN C			X	X
QF501-8	FOODSERVICE ELEVATION PLAN C			X	X
QF600-1	FOODSERVICE STANDARD DETAILS			X	X
QF600-2	FOODSERVICE STANDARD DETAILS			X	X
QF600-3	FOODSERVICE STANDARD DETAILS			X	X
QF600-4	FOODSERVICE STANDARD DETAILS			X	X
QF600-5	FOODSERVICE STANDARD DETAILS			X	X
QF600-6	FOODSERVICE STANDARD DETAILS			X	X
QF600-7	FOODSERVICE STANDARD DETAILS			X	X
QF700-1	FOODSERVICE REFRIGERATION SYSTEMS DRAWING			X	X
QF701-1	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-2	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-3	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF701-4	FOODSERVICE WALK-IN DRAWINGS	X	X	X	X
QF702-1	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-4	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-5	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-6	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-7	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-8	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-9	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-10	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-11	FOODSERVICE EXHAUST HOOD DETAIL	X	X	X	X
QF702-12	FOODSERVICE EXHAUST HOOD DETAIL			X	X
QF702-13	FOODSERVICE EXHAUST HOOD DETAIL			X	X
QF800-1	FLIGHT TYPER DISHWASHER DRAWING			X	X
QF800-2	ACCUMULATOR DRAWING			X	X
QF800-3	ACCUMULATOR DRAWING			X	X
QF800-4	POWER WASH POT SINK DRAWING			X	X
QF800-5	POWER WASH POT SINK DRAWING			X	X

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ADAM GOLDEN SNIDER 023117 STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

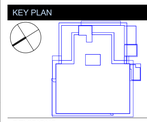
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET

DATE: 08/17/26

SCALE:

SHEET NAME:
SHEET INDEX

SHEET NUMBER:
G-001

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC

PARTITION TYPE LEGEND

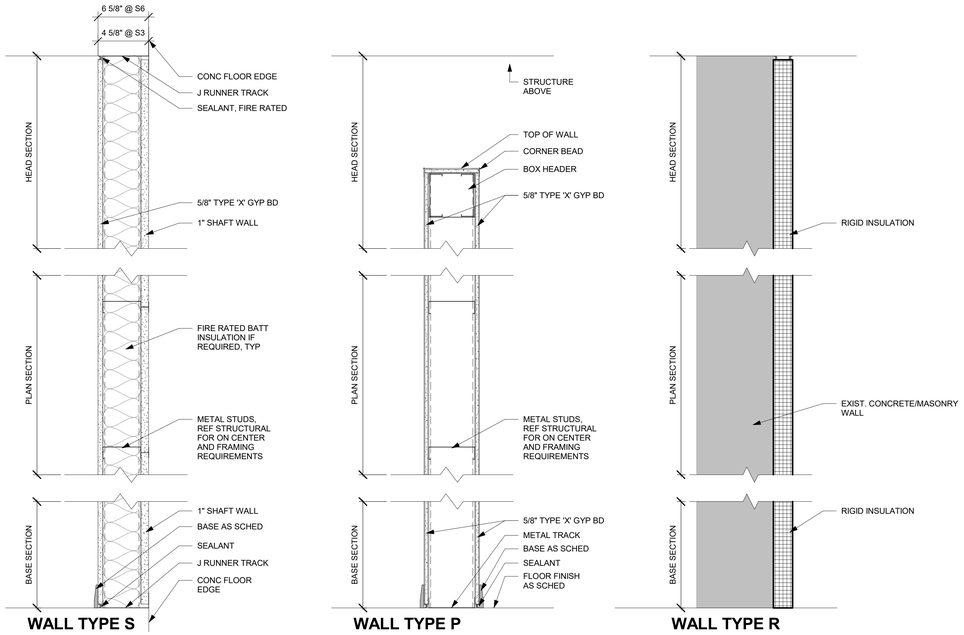
WALL TYPE
A = ACOUSTICAL WALL
C = CHASE WALL
F = FURRING WALL
M = MASONRY WALL
P = PARTIAL HEIGHT WALL
S = SHAFT WALL
T = SHEAR WALL
R = RIGID INSULATION

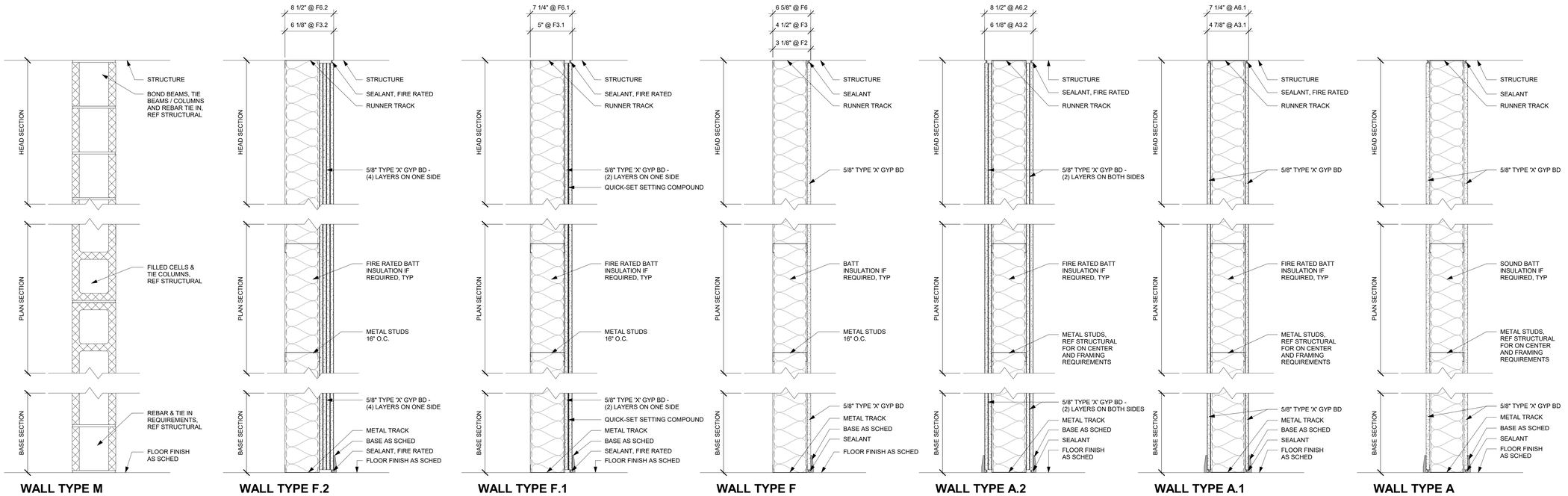
RATING
.0 = 30 MINUTE RATING
.1 = 1 HOUR RATING
.2 = 2 HOUR RATING

STUD/INSULATION SIZE
X = NO FRAMING MEMBER
0 = 7/8"
1 = 1 5/8"
2 = 2 1/2"
3 = 3 5/8"
4 = 4"
6 = 6"
8 = 8"

WALL TAG KEY







ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ... 022313 ... STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

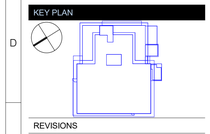
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
EXTERIOR WALL ASSEMBLIES & INTERIOR WALL TYPES

SHEET NUMBER:
G-041

BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC

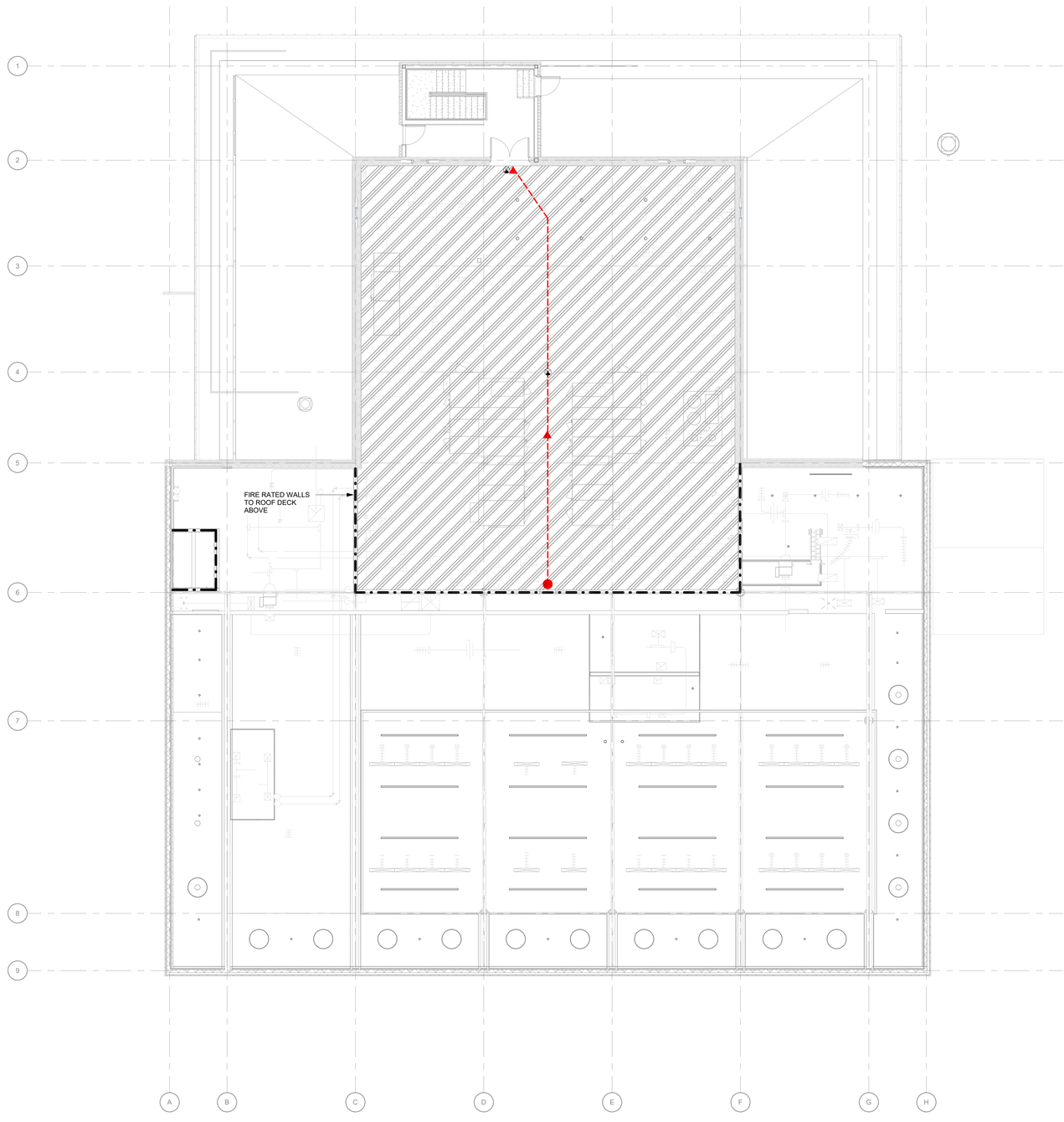
PLUMBING CALCULATIONS TABLE 403.1- GROUP A-2

OCCUPANCY	REQUIRED (ASSEMBLY- RESTAURANTS ETC)	PROVIDED
LEVEL 1- 5,943 OCCUPANTS	7 WATER CLOSETS 5 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	3 WC'S & 2 URINALS 4 LAVS 2 DRINKING FOUNTAINS 1 SERVICE SINK
LEVEL 2- 689 OCCUPANTS	7 WATER CLOSETS 3 LAVS 1 DRINKING FOUNTAIN 1 SERVICE SINK	8 WATER CLOSETS* 5 LAVS* 2 DRINKING FOUNTAIN 1 SERVICE SINK

* INDICATES PROPOSED "ALL GENDER" RESTROOMS. PER BCNYS 2902.1.3 MUTLI USER TOILET FACILITIES ARE PERMITTED.

LIFE SAFETY LEGEND

- A-2 OCCUPANCY
- ACCESSORY A-2 OCCUPANCY
- B OCCUPANCY
- F-1 OCCUPANCY (N.I.C)
- S-1 OCCUPANCY (MECH)
- EXISTING 1 HR RATED WALL
- EXISTING 2 HR RATED WALL
- NEW 1 HR RATED WALL
- NEW 2 HR RATED WALL
- TRAVEL PATH
- COMMON PATH OF TRAVEL
- TD-XX'-X" TRAVEL DISTANCE
- EXIT SIGN
- EE PROPOSED EMERGENCY EXIT ONLY
- ADA ACCESSIBLE
- AED AUTOMATED EXTERNAL DEFIBRILLATOR REFER TO SPECIFICATIONS
- FEC FULL RECESSED FIRE EXTINGUISHER CABINET
- FEC SEMI-RECESSED FIRE EXTINGUISHER CABINET
- FE SURFACE MOUNTED FIRE EXTINGUISHER
- X Y W Z — X- OCCUPANCY LOAD PER EXIT; Y- OCCUPANCY LOAD MAX PER DOOR; W- CLEAR WIDTH AT OPENINGS; Z- EGRESSS FACTOR



MECHANICAL PENTHOUSE LIFE SAFETY PLAN A5
1/8" = 1'-0"

PROJECT INFORMATION

PROJECT NAME:	SUNY New Paltz- Renovate Peregrine Dining Hall, Building No. 032
SUCF #:	081056-00
ADDRESS:	SUNY NEW PALTZ, SOUTHSIDE LOOP, NEW PALTZ, NY 12561
COUNTY:	ULSTER
CONSTRUCTION TYPE:	IIB. MASONRY AND STEEL-FRAMED BUILDING
MAIN OCCUPANCY GROUP:	ASSEMBLY AND FACTORY (GROUP A-2 &F-1)
SPRINKLER SYSTEM:	FULLY SPRINKLERED
NUMBER OF STORIES:	2 (W/ A MEZZANINE)
BUILDING HEIGHT:	28 FEET 5 3/4" INCHES
EXTENT OF RENOVATION:	**EXISTING BUILDING, LEVEL 3 ALTERATIONS**
CODE ENFORCEMENT JURISDICTION:	STATE UNIVERSITY CONSTRUCTION FUND

FLOOR LEVEL	1ST FL	2ND FL	MEZZANINE	TOTAL
EXISTING BUILDING (1968)	14,005 SF	15,890 SF	898 SF	29,895 SF
ADDITION (2000)	-	532 SF	-	532 SF
LEVEL 3 ALT/ADDITION (2025)	2,495 SF	-	2,963 SF	2,495 SF
			TOTAL GSF (NEW AND EXISTING)	**32,922 SF**

ALLOWABLE BUILDING AREA = 32,922 SF < 57,000 SF (TOTAL ALLOWABLE BUILDING AREA) = **CONFORMING**.

NOTE :
1. THE AGGREGATE EXISTING BUILDING CONFORMS TO FIRE AREA LIMITATIONS. THE NEW ADDITION WILL NOT INCREASE EXISTING BUILDING AREA(S).
2. MEZZANINES DO NOT CONTRIBUTE TO THE BUILDING AREA OR NUMBER OF STORIES AS PER NYSBC 505.2

APPLICABLE CODES
2025 BUILDING CODE OF NEW YORK STATE
2025 EXISTING BUILDING CODE OF NEW YORK STATE
2025 FIRE CODE OF NEW YORK STATE
2025 MECHANICAL CODE OF NEW YORK STATE
2025 PLUMBING CODE OF NEW YORK STATE
2020 NYSTRETCH ENERGY CODE
2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
2025 FUEL GAS CODE OF NEW YORK STATE
ULSTER COUNTY DEPARTMENT OF HEALTH

REFERENCE STANDARDS
ASME A17.1- SAFETY CODE FOR ELEVATORS AND ESCALATORS (2016)
ICC/ANSI A117.1- 2017 ACCESSIBILITY AND USABLE BUILDINGS AND FACILITIES
NFPA 13 - 2022 INSTALLATION OF SPRINKLER SYSTEMS
NFPA 70 – 2023 NATIONAL ELECTRICAL CODE
NFPA 72 - 2022 NATIONAL FIRE ALARM CODE
NFPA 96 - 2016 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS
UL924- STANDARD FOR SAFETY OF EMERGENCY LIGHTING AND POWER EQUIPMENT
ASME CODE FOR PRESSURE PIPING
ASHRAE STANDARDS 90.1-2025 & 62.1-2019 AS APPLICABLE

BUILDING ENVELOPE REQUIREMENTS ASHRAE 90.1 2025

ASHRAE 90.1 PRESCRIPTIVE PATH. FINAL SUBMISSION WILL UTILIZE - DEEP ENERGY RETROFIT (DER)

ENERGY CONSERVATION CODE OF NEW YORK STATE
CLIMATE ZONE 6 (ULSTER)

ROOF
INSULATION ENTIRELY ABOVE ROOF DECK: R34CI

WALLS (ABOVE GRADE)
MASS: R15.2CI
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

WALLS (BELOW GRADE)
BELOW GRADE WALL: R10CI
EXISTING TO REMAIN WALLS ARE NOT INSULATED. INSULATION WILL BE ADDED TO THE INTERIOR OF THE WALLS TO BRING THE ENVELOPE INTO COMPLIANCE.

FLOORS
MASS: R16.7CI
EXISTING 2ND FLOOR SLAB IS NOT INSULATED. DOES NOT COMPLY.

SLAB ON GRADE FLOORS
UNHEATED SLABS: R20 FOR 24" BELOW
NEW WALLS WILL COMPLY.
EXISTING TO REMAIN HAS 2 INCHES EQUALLY APPROXIMATELY R-12

OPAQUE DOORS (DOORS HAVING LESS THAN 50% GLASS AREA)
SWINGING: U-0.37

FENESTRATIONS
METAL FRAMING, FIXED : U-0.36
METAL FRAMING,OPERABLE: U-0.45
METAL FRAMING, ENTRANCE DOORS: U-0.68

OCCUPANCY CALCULATION

ROOM NAME	AREA	SPACE TYPE	OCCUPANCY GROUP	OCC. LOAD FACTOR	CALCULATED OCCUPANCY
FIRST FLOOR PLAN					
EXIST. HIGH VOLTAGE POWER ROOM	379 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
ATS ROOM	165 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	1
EXIST. MECH EQUIP. ROOM	1,373 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	5
ELEV. MACHINE AREA	100 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	S-1	300 SF	0
STUDENT COMMONS	4,306 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	287
STAFF LOUNGE	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #1	115 SF	BUSINESS AREAS	B	150 SF	1
CORRIDOR	343 SF	BUSINESS AREAS	B	150 SF	2
OFFICE #2- EXEC. DIREC.OFFICE	127 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #3	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #4	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #5	97 SF	BUSINESS AREAS	B	150 SF	1
OFFICE #6	97 SF	BUSINESS AREAS	B	150 SF	1
COMPUTER LAB	438 SF	BUSINESS AREAS	B	150 SF	3
CLOSET	33 SF	BUSINESS AREAS	B	150 SF	0
SODEXO OFFICE #2	91 SF	BUSINESS AREAS	B	150 SF	1
SODEXO OFFICE #1	93 SF	BUSINESS AREAS	B	150 SF	1
WAITING AREA	203 SF	BUSINESS AREAS	B	150 SF	1
CONF. ROOM	210 SF	BUSINESS AREAS	B	150 SF	1
CARD ACCESS ROOM	129 SF	BUSINESS AREAS	B	150 SF	1
CLOSET	18 SF	BUSINESS AREAS	B	150 SF	0
PRINTER STORAGE	11 SF	BUSINESS AREAS	B	150 SF	0
WARE WASHING	164 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
WALK-IN COOLERS	492 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
DRY STORAGE	183 SF	KITCHENS, COMMERCIAL	F-1	200 SF	1
STORAGE E.	71 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
CORRIDOR 113	499 SF	KITCHENS, COMMERCIAL	F-1	200 SF	2
BAKERY/CAFE	1,852 SF	KITCHENS, COMMERCIAL	F-1	200 SF	9
UTILITY CLOS.	14 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
SWEETS AND TREATS	612 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
ELEV. VEST.	49 SF	KITCHENS, COMMERCIAL	F-1	200 SF	0
					329
SECOND FLOOR					
FOOD OIL STORAGE	36 SF	(none)	(none)	0 SF	
EXIST. BOILER ROOM	499 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	A-2	300 SF	2
DINING AREA	6,601 SF	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	A-2	15 SF	440
SODEXO DINING HALL MANAGER OFFICE #4	85 SF	BUSINESS AREAS	B	150 SF	1
SODEXO MARKETING OFFICE #3	96 SF	BUSINESS AREAS	B	150 SF	1
KITCHEN & SERVERY	3,220 SF	KITCHENS, COMMERCIAL	A-2	200 SF	16
BULK DRY STORAGE	322 SF	KITCHENS, COMMERCIAL	A-2	200 SF	2
BULK WALK IN REFRIDGERATOR	238 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
WALK-IN FREEZER	117 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #1	157 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PREP COOLER #2	114 SF	KITCHENS, COMMERCIAL	A-2	200 SF	1
PLATFORM	601 SF	KITCHENS, COMMERCIAL	A-2	200 SF	3
					469
Grand total					798

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner
SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ
State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer
Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer
LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer
Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer
Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant
Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant
Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant
Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant
Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

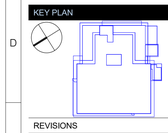
REGISTERED ARCHITECT ARMANDO MANUEL PEDROSO 023111 STATE OF NEW YORK
EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK
SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: MEZZANINE LIFE SAFETY PLAN
SHEET NUMBER: G-103
BID SET

PROJECT NUMBER: 2333601.00
COPYRIGHT © 2025 KSQ ARCHITECTS, PC



EXISTING FUME HOOD



EXISTING RETARDER PROOFERS

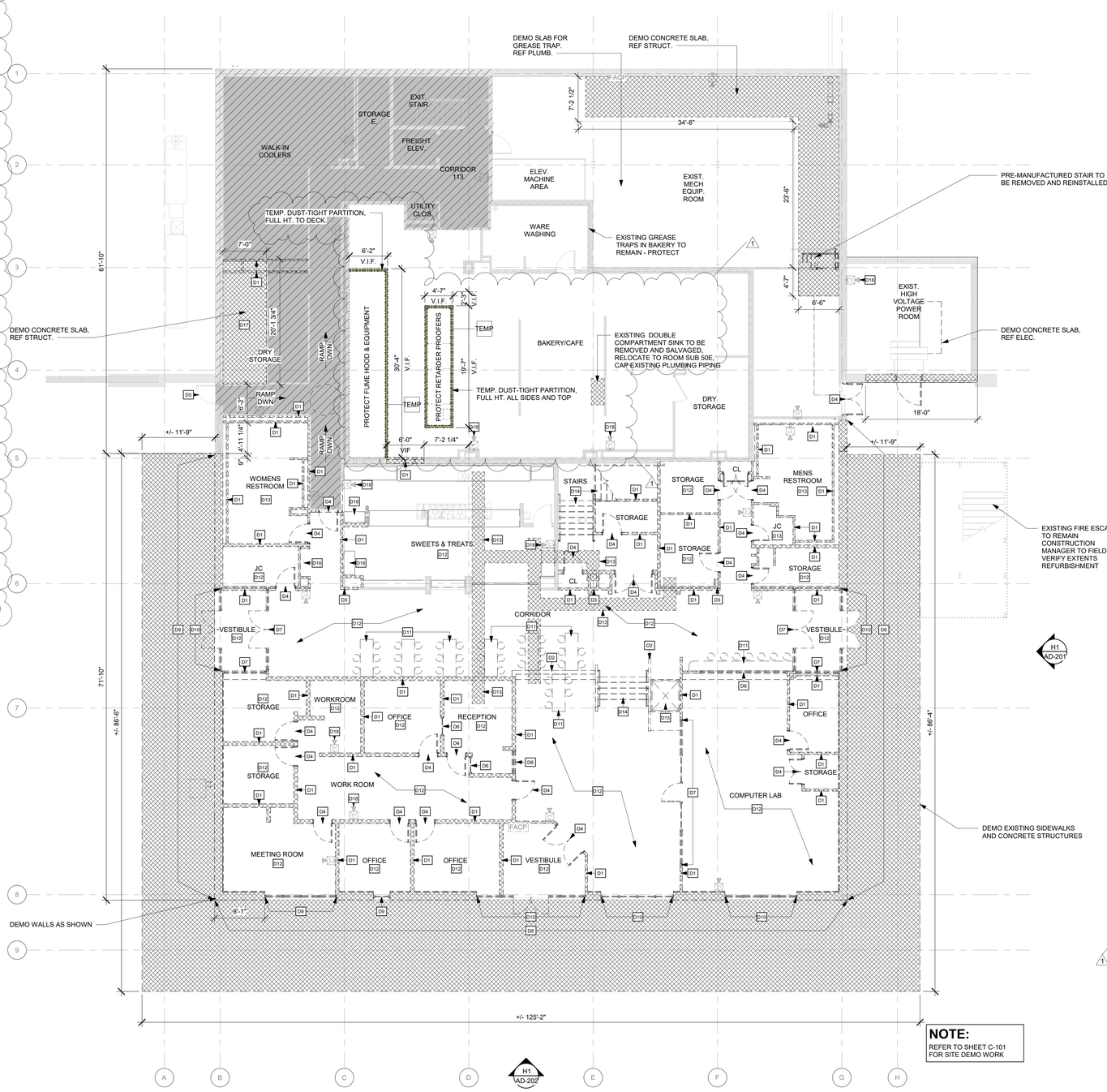


SALVAGED TWO COMPARTMENT SINK

FOODSERVICE EQUIPMENT PHOTOS

12" = 1'-0"

C1 / AD-201



NOTE:
REFER TO SHEET C-101 FOR SITE DEMO WORK

H1 / AD-202

H1 / AD-201

FIRST FLOOR DEMOLITION PLAN

1/8" = 1'-0"

A1

DEMOLITION NOTES

1. VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WITH DEMOLITION WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
3. INTERIOR WALL DIMENSIONS ARE MEASURED FROM FINISH FACE OF GYP BOARD, CMU OR PLASTER U.N.O.
4. ALL DEMO WORK SHOULD BE COORDINATED WITH THE NEW YORK PLANS. ABATEMENT SCOPE IS TO BE COMPLETED FIRST AND SIGNED OFF BY THE INSPECTOR OR ANY GOVERNED AGENT BEFORE ANY OTHER DEMO WORK IS STARTED.
5. ALL NEW OPENINGS FOR DOORS AND WINDOWS SHALL BE COORDINATED WITH NEW WORK PLANS FOR LOCATIONS AND SIZES.
6. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL, AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER SO NOTED OR NOT. PROTECT ALL ITEMS INTENDED FOR SALVAGED AND REUSE, OR SCHEDULED TO REMAIN.
7. WHEN WALLS OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURE IS IN PLACE TO SUPPORT IMPOSED LOADS.
8. PROTECT ALL ADJACENT SURFACES AND MATERIALS DURING DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED AS A RESULT OF WORK AND SHALL REPAIR OR REPLACE DAMAGED MATERIALS OR PRODUCTS.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- DEMOLITION SCOPE EXTENT
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- NOT IN CONTRACT (N.I.C.)
- DEMOLITION, GYPSUM CEILING
- DEMOLITION
- DEMOLITION, ACT CEILING

DEMO PLAN KEYNOTES

#	DESCRIPTION
D1	REMOVE EXISTING INTERIOR PARTITIONS AND WALL MOUNTED FIXTURES, COORDINATE WITH MEP DWGS
D2	REMOVE EXISTING INTERIOR LOW WALLS
D3	REMOVE EXISTING COLUMN ENCLOSURES
D4	REMOVE EXISTING DOOR LEAVES AND FRAMES
D5	SALVAGE EXISTING DOOR FRAMES AND LEAVES
D6	REMOVE EXISTING INTERIOR WINDOWS
D7	REMOVE EXISTING INTERIOR STOREFRONTS
D8	REMOVE EXISTING EXTERIOR WALLS
D9	REMOVE EXISTING EXTERIOR WINDOWS
D10	REMOVE EXISTING EXTERIOR STOREFRONT
D11	REMOVE EXISTING CABINETS, COUNTER, BOOKSHELVES, CASEWORK AND FIXED FURNITURE
D12	REMOVE EXISTING STONE, LVT OR CARPET FLOORING AND MASTIC SUBSTRATE DOWN TO CONCRETE DECK AND RUBBER WALLBASE, COORDINATE WITH ABATEMENT DWGS
D13	DEMO CONCRETE SLAB FOR PLUMBING REMOVALS, COORDINATE WITH MEP DWGS
D14	REMOVE EXISTING STAIRS AND RAILINGS
D15	REMOVE EXISTING ADA LIFT AND RAMPS
D16	DEMO EXISTING CASEWORK AND EQUIPMENT AS SHOW
D17	DEMO EXISTING CONCRETE SLAB, COORDINATE WITH STRUCT.
D18	REFER TO FIRE ALARM DWGS FOR FA DEMO SCOPE

TEMPORARY PARTITIONS NOTES

TEMPORARY DUST-TIGHT PARTITION
CONTRACTOR TO PROVIDE TEMPORARY DUST-TIGHT ENCLOSURE TO PROTECT EXISTING COOKING EQUIPMENT FROM CONSTRUCTION DUST AND DEBRIS. ENCLOSURE SHALL BE FULL-HEIGHT PARTITION, SLAB-TO-DECK, OR FIVE-SIDED ENCLOSURE (FOUR SIDES PLUS TOP), PER FIELD CONDITIONS AND CONTRACTOR'S MEANS AND METHODS.

1. ASSEMBLY TO BE FRT WOOD STUD FRAMING WITH PLYWOOD SHEATHING.
2. CONTINUOUS, SEALED BARRIER PREVENTING MIGRATION OF DUST, DEBRIS, AND AIRBORNE PARTICULATES ONTO PROTECTED EQUIPMENT.
3. ALL JOINTS, SEAMS, PENETRATIONS, AND PERIMETER CONDITIONS SEALED WITH TAPE, GASKET, OR SEALANT COMPATIBLE WITH ADJACENT SURFACES.
4. PROTECT AND COVER ALL FOOD-PREPARATION EQUIPMENT, WORK SURFACES, AND FOOD-CONTACT ITEMS WITHIN WORK AREA.
5. MAINTAIN UNOBSTRUCTED ACCESS TO SPRINKLER CONTROL VALVES, FIRE EXTINGUISHERS, EXHAUST HOOD FIRE SUPPRESSION SYSTEM, AND LIFE-SAFETY EQUIPMENT AT ALL TIMES.
6. COORDINATE ENCLOSURE LOCATION, CONFIGURATION, AND DURATION WITH OWNER PRIOR TO INSTALLATION.
7. REMOVE ENCLOSURE AND RESTORE ADJACENT SURFACES TO ORIGINAL CONDITION AT COMPLETION OF WORK.

TEMPORARY DUST-TIGHT PARTITION

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaideilc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL JOSEPH 024311 STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

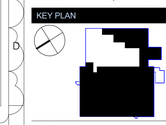
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER:
AD-101

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



SLAB EDGE LEGEND:

- EXISTING CONCRETE SLAB
- NEW CONCRETE SLAB ON GRADE
- CONCRETE ON MTL DECK W/ TOPPING SLAB
- CONCRETE TOPPING SLAB
- SCREED; MONOLITHIC POUR. SLOPE TO DRAIN
- INFILL CONCRETE SLAB
- LEVEL: TOP OF ROOFING
- FLOOR DRAIN
- LP: LOW POINT
- HP: HIGH POINT
- FD: FLOOR DRAIN
- SLOPE TO LOCAL FLOOR DRAIN

SLAB EDGE ARCHITECTURAL DRAWINGS ARE FOR COORDINATION PURPOSES. CONTRACTOR TO COORDINATE AND VERIFY ALL DIMENSIONS, OPENINGS, SLAB EDGE LOCATIONS AND OTHER CONDITIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER PERTINENT DRAWINGS AND TRADES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF DISCREPANCIES AS SOON AS POSSIBLE

FIRST FLOOR SLABE EDGE PLAN (A1)

1/8" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMAND SAMUEL QUADRINI 022313 STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

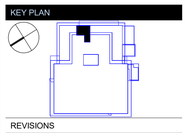
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

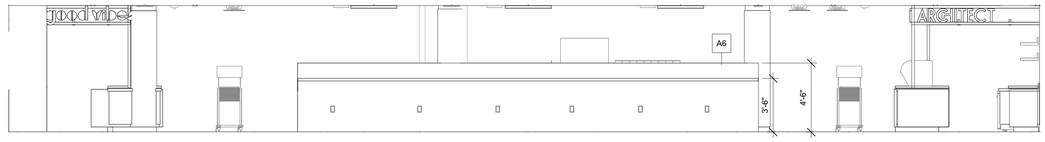
ISSUED: BID SET
DATE: 08/17/26
SCALE: As indicated
SHEET NAME: FIRST FLOOR SLAB EDGE PLAN
SHEET NUMBER: A-131

BID SET

COPYRIGHT © 2025 KSQ ARCHITECTS, PC

INTERIOR ELEV. LEGEND

MT-1	FLAT SCREEN DISPLAY
A	EXTERIOR WINDOW TAG
#	INTERIOR STOREFRONT TAG



DINING AREA NORTH A1

1/4" = 1'-0"

ARCHITECT

ksq design

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT — ARCHITECTURE — ORGANIZATION — 022113 — STATE OF NEW YORK

EXP. DATE: 03/31/2028

SUCF Project No. 081056-00

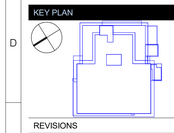
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET

DATE: 08/17/26

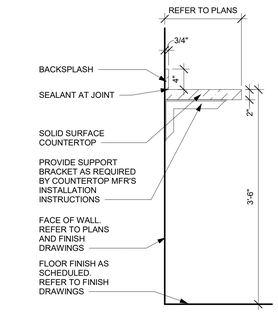
SCALE: As indicated

SHEET NAME:
ENLARGED INTERIOR ELEVATIONS

SHEET NUMBER:
A-833

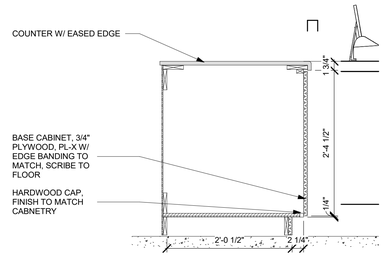
BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



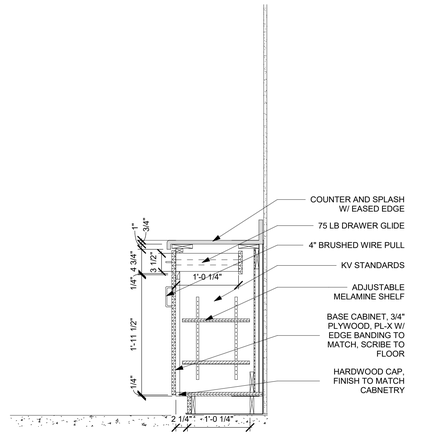
HIGH BAR COUNTERTOP DETAIL L1

1" = 1'-0"



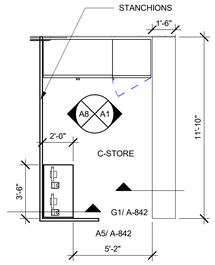
C-STORE SECTION 2 A5

1" = 1'-0"



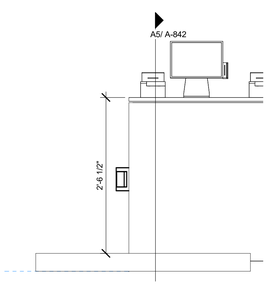
C-STORE SECTION 1 G1

1" = 1'-0"



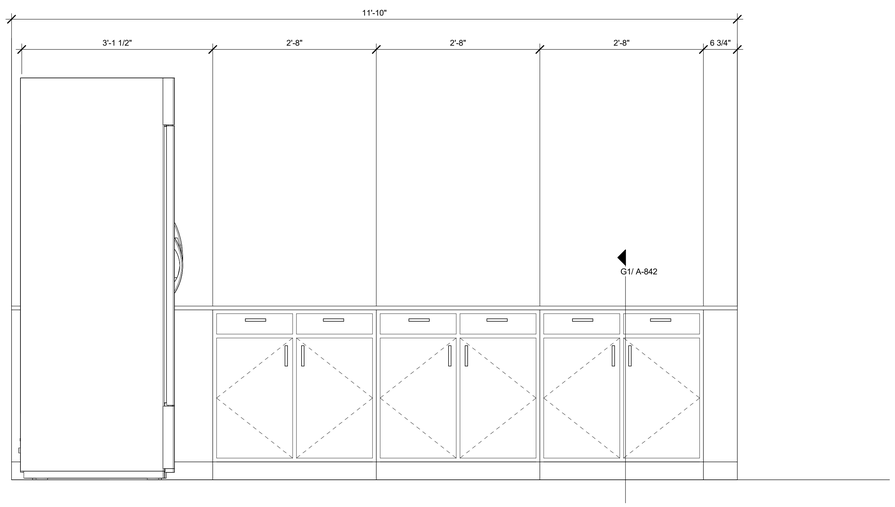
C-STORE ENLARGED PLAN A12

1/4" = 1'-0"



C-STORE KIOSK A8

1" = 1'-0"



C-STORE CABINETS A1

1" = 1'-0"

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
286 Madison Ave - 22nd flr
New York, NY 10017
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
716.206.5100 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

RIcca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Consultant

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Goldstick Lighting Design
420 Columbus Avenue, Suite 203
Valhalla, NY 10595
914.693.0221 office
www.goldsticklighting.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

REGISTERED ARCHITECT ARMANDO SAMUEL QUIJADA 023133 STATE OF NEW YORK

EXP. DATE: 03/31/2028
SUCF Project No. 081056-00

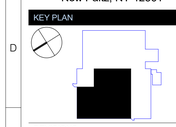
New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

Renovate Peregrine Dining Hall, Bldg. 032

South Side Loop
New Paltz, NY 12561

KEY PLAN



REVISIONS

No.	Description	Date
1	BID ADDENDUM #1	08/28/26

ISSUED: BID SET

DATE: 08/17/26

SCALE: As indicated

SHEET NAME:
MILLWORK & CASEWORK SECTIONS

SHEET NUMBER:
A-842

BID SET

PROJECT NUMBER: 2333601.00 COPYRIGHT © 2025 KSQ ARCHITECTS, PC



1 FIRST FLOOR UNDER SLAB PLAN – DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES:

1. REMOVE FLOOR DRAIN AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
2. REMOVE CLEAN OUT AND ALL ASSOCIATED ACCESSORIES. REMOVE SANITARY PIPING AND ALL ASSOCIATED ACCESSORIES.
3. REMOVE ALL ACCUMULATED GREASE, SLUDGE, ROOTS, AND DEBRIS SCALE, AND RECORD A CONTINUOUS, HIGH-DEFINITION DIGITAL VIDEO SURVEY TO VERIFY INTERNAL PIPE STRUCTURAL INTEGRITY. REFER TO SPECIFICATION SECTION 221315 FOR MORE INFORMATION.

DEMOLITION LEGEND:

- EXISTING LINE TO REMAIN
- EXISTING LINE TO BE REMOVED
- POINT OF DISCONNECT

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
New York, NY 10018
646.435.0660 office
www.ksq.design

Owner

SUNY New Paltz
1 Hawk Drive
New Paltz, NY 12561
854.257.7869 office
www.newpaltz.edu

AHJ

State University Construction Fund
State University Plaza
353 Broadway, Albany, NY 12246
518.320.3200 office
www.sucf.suny.edu

Civil Engineer

Watts Architects & Engineers
95 Perry Street, Suite 300
Buffalo, NY 14203
646.998.3677 office
www.watts-ae.com

Structural Engineer

LERA Consulting Structural Engineers RLLP
40 Wall Street, 23rd Floor
New York, NY 10005
212.750.9000 office
www.lera.com

Mechanical Engineer

Fellenzer Engineering LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845.343.1481 office
www.fellp.com

Electrical Plumbing Fire Protection Engineer

Cabezas Engineering PLLC
5510 Country Road 14
Alpine, NY 14805
607.260.0260 office
www.cabezasengineering.com

Culinary Consultant

Ricca Design Studios
185 Wythe Ave
Brooklyn, NY 11249
303.495.9925 office
www.ricca.com

Environmental Engineer

Adelaide Environmental Health Associates
1151 Route 22, C-24
Brewster, NY 10509
845.278.7710 office
www.adelaidellc.com

Lighting Consultant

Lighting Consultant
Address
Town, US 00000
000.000.0000 office
www.website.com

Cost Estimating Consultant

Cost Concepts Inc
104 Bedell Place
Melville, NY 11747
631.423.7960 office
www.costconcepts.com

STATE OF NEW YORK · HOWARD J CABEZAS · 091078 · LICENSED PROFESSIONAL ENGINEER

SUCF Project No. 081056-00

New Paltz STATE UNIVERSITY OF NEW YORK

SUNY State University Construction Fund

SUNY New Paltz Peregrine Dining Hall Renovation

South Side Loop
New Paltz, NY 12561

KEY PLAN

REVISIONS

No.	Description	Date
1	BID ADDENDUM #001	8/28/2026

ISSUED: BID SET
DATE: 8/17/2026
SCALE: 1/8" = 1'-0"
SHEET NAME:
FIRST FLOOR UNDER SLAB DEMOLITION PLAN
SHEET NUMBER:
PD-101

BID SET

PROJECT NUMBER: 00000.00

COPYRIGHT © 2024 KSQ ARCHITECTS, PC

DRAWN BY: Author
CHECKED BY: Checker
C:\Users\jryan\Documents\R23_233001.00 SUNY New Paltz Dining Hall_jryanrk6AXV.rvt
1/26/2024 6:07:22 PM