WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
MIDDLE SCHOOL, HIGH SCHOOL, & TAFT ELEM. SCHOOL
2024 CAPITAL PROJECT - PHASE 3

023344
REGISTRATION EXPIRATION DATE: 02/29/2028

ISSUED FOR BID: 08/31/26

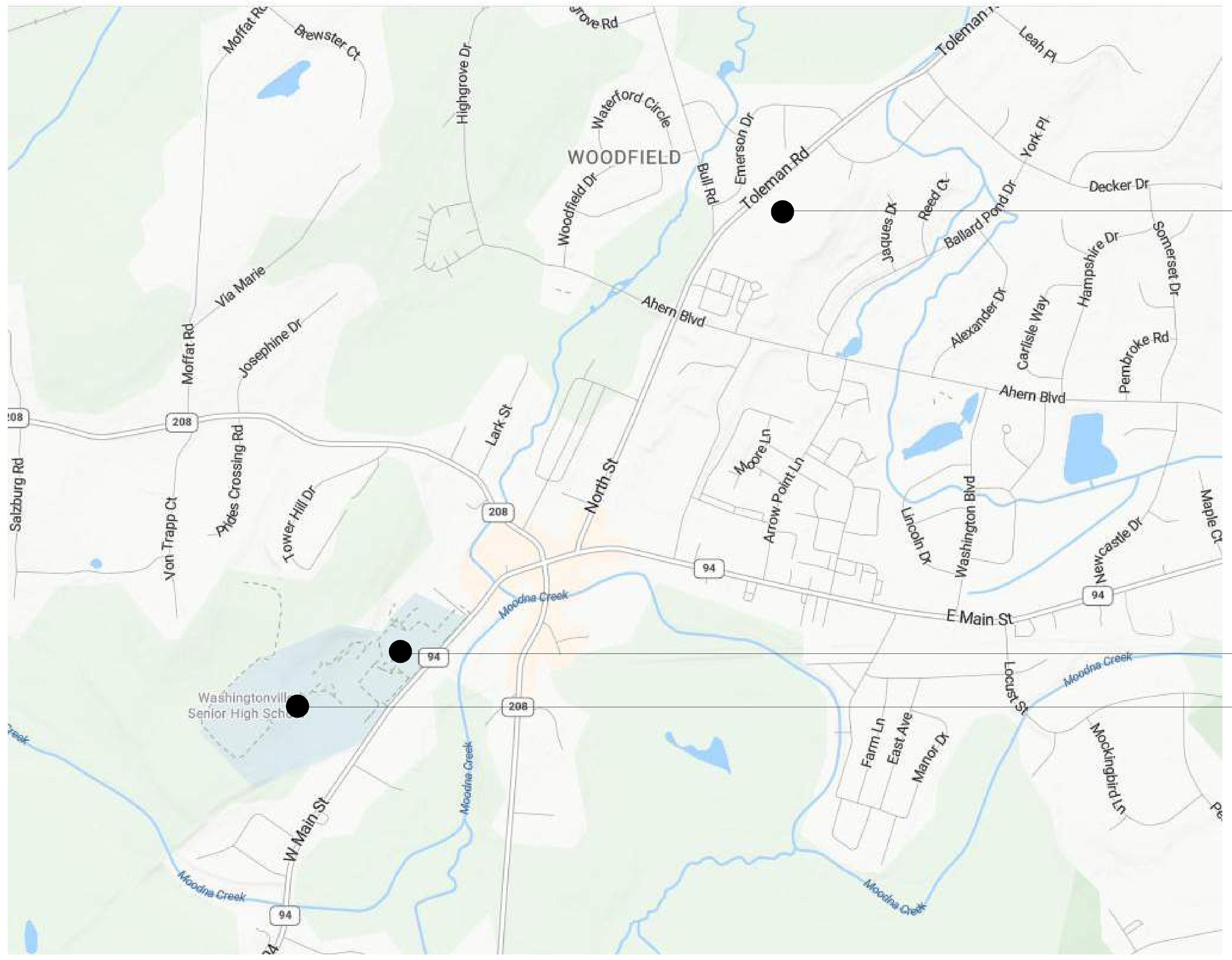
CSARCH - ARCHITECTS & INTERIOR DESIGNERS
M/E ENGINEERING, PC - MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERS
PASSERO ASSOCIATES - SITE/CIVIL & STRUCTURAL ENGINEERS
QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC. - HAZARDOUS MATERIALS DESIGNERS
CHA CONSULTING, INC - POOL SYSTEM ENGINEERS

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:

WASHINGTONVILLE MIDDLE SCHOOL	44-01-02-06-0-001-023
WASHINGTONVILLE HIGH SCHOOL	44-01-02-06-0-007-033
TAFT ELEMENTARY SCHOOL	44-01-02-06-0-002-019

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CSArch PROJECT NO. 228-2401.03



TAFT ELEMENTARY SCHOOL
20 TOLEMAN ROAD,
WASHINGTONVILLE, NY 10992

WASHINGTONVILLE MIDDLE SCHOOL
38 WEST MAIN STREET,
WASHINGTONVILLE, NY 10992

WASHINGTONVILLE HIGH SCHOOL
54 WEST MAIN STREET,
WASHINGTONVILLE, NY 10992

VICINITY MAP NTS N

DRAWING LIST

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT (WCSD)

GENERAL DRAWINGS

WCSD	G000	COVER & DRAWING LIST
WCSD	G001	SYMBOLS, ABBREVIATIONS, AND MISC

SITE/CIVIL GENERAL DRAWINGS

WCSD	C100	KEY PLAN
WCSD	C101	GENERAL NOTES

WASHINGTONVILLE MIDDLE SCHOOL DRAWING LIST (WMS)

GENERAL DRAWINGS

WMS	G111	FIRST FLOOR PLAN - OVERALL
WMS	G121	SECOND FLOOR PLAN - OVERALL

LIFE SAFETY DRAWINGS

WMS	LS111	FIRST FLOOR LIFE SAFETY PLAN - OVERALL
WMS	LS121	SECOND FLOOR LIFE SAFETY PLAN - OVERALL
WMS	LS501	LIFE SAFETY DIAGRAMS

SITE/CIVIL DEMOLITION DRAWINGS

WMS	C120	DEMOLITION PLAN

SITE/CIVIL DRAWINGS

WMS	C130	SITE PLAN
WMS	C140	GRADING, DRAINAGE, & EROSION & SEDIMENT CONTROL PLAN
WMS	C530	SITE DETAILS
WMS	C531	EROSION AND SEDIMENT CONTROL DETAILS

ABATEMENT DRAWINGS

WMS	ASB100	KITCHEN ASBESTOS ABATEMENT PLAN

STRUCTURAL GENERAL DRAWINGS

WMS	S001	GEN. NOTES & DESIGN CRITERIA

STRUCTURAL DRAWINGS

WMS	S101	ROOF FRAMING PLAN

ARCHITECTURAL DEMOLITION DRAWINGS

WMS	AD111	ENTRY COLUMNS DEMOLITION PLAN
WMS	AD112	GYMNASIUM DEMOLITION PLANS
WMS	AD121	SECOND FLOOR DEMOLITION PARTIAL PLANS
WMS	AD122	WOOD WINDOW DEMOLITION DETAILS
WMS	AD401	KITCHEN ROOF DEMOLITION PLAN
WMS	AD601	KITCHEN DEMOLITION PLANS

ARCHITECTURAL DRAWINGS

WMS	A111	ENTRY COLUMNS NEW WORK PLANS & DETAILS
WMS	A112	GYMNASIUM PLANS & ELEVATION
WMS	A121	SECOND FLOOR PARTIAL PLANS
WMS	A401	KITCHEN ROOF NEW WORK PLAN & DETAILS
WMS	A601	KITCHEN PLANS
WMS	A910	ALUMINUM WINDOW ELEVATIONS & DETAILS
WMS	A911	WOOD WINDOW ELEVATIONS & DETAILS

ARCHITECTURAL FINISH DRAWINGS

WMS	AF601	KITCHEN FINISH PLAN

FOOD SERVICE DRAWINGS

WMS	FS200	FOOD SERVICE EXISTING EQUIPMENT PLAN
WMS	FS201	FOOD SERVICE EQUIPMENT PLAN
WMS	FS202	FOOD SERVICE PLUMBING PLAN
WMS	FS203	FOOD SERVICE ELECTRICAL PLAN
WMS	FS204	FOOD SERVICE EXHAUST HOOD DETAILS
WMS	FS205	FOOD SERVICE EXHAUST HOOD DETAILS
WMS	FS206	FOOD SERVICE EXHAUST HOOD DETAILS
WMS	FS207	FOOD SERVICE WALK-IN DETAILS
WMS	FS208	FOOD SERVICE REFRIGERATION DETAILS

PLUMBING GENERAL DRAWINGS

WMS	P001	PLUMBING SYMBOLS AND NOTES
WMS	P111	FIRST FLOOR PLAN - OVERALL
WMS	P112	SECOND FLOOR PLAN - OVERALL
WMS	P401	ROOF PLAN - OVERALL

PLUMBING DRAWINGS

WMS	P611	ENLARGED KITCHEN PLANS

MECHANICAL GENERAL DRAWINGS

WMS	M001	MECHANICAL SYMBOLS LIST, GENERAL NOTES, AND SCHEDULES

MECHANICAL DEMOLITION DRAWINGS

WMS	MD100	KITCHEN MECHANICAL REMOVALS PLAN

MECHANICAL DRAWINGS

WMS	M100	KITCHEN MECHANICAL PLAN
WMS	M500	MECHANICAL DETAILS AND CONTROLS

ELECTRICAL GENERAL DRAWINGS

WMS	E001	ELECTRICAL LEGEND, NOTES & ABBREVIATIONS

ELECTRICAL DRAWINGS

WMS	E002	SITE PLAN
WMS	E411	KITCHEN PLANS
WMS	E412	ROOF PLANS

WASHINGTONVILLE HIGH SCHOOL DRAWING LIST (WHS)

GENERAL DRAWINGS

WHS	G101	BOILER ROOM-CRAWL SPACE PLAN - OVERALL
WHS	G111	GROUND FLOOR PLAN - OVERALL
WHS	G121	SECOND FLOOR PLAN - OVERALL
WHS	G131	THIRD FLOOR PLAN - OVERALL
WHS	G400	ROOF PLAN - OVERALL

LIFE SAFETY DRAWINGS

WHS	LS111	GROUND FLOOR - OVERALL - LIFE SAFETY PLAN
WHS	LS121	SECOND FLOOR - OVERALL - LIFE SAFETY PLAN
WHS	LS131	THIRD FLOOR - OVERALL - LIFE SAFETY PLAN
WHS	LS501	LIFE SAFETY DIAGRAMS

SITE/CIVIL DEMOLITION DRAWINGS

WHS	C120	DEMOLITION PLAN

SITE/CIVIL DRAWINGS

WHS	C130	SITE PLAN
WHS	C140	GRADING & DRAINAGE, & EROSION & SEDIMENT CONTROL PLAN
WHS	C530	SITE DETAILS
WHS	C531	EROSION AND SEDIMENT CONTROL DETAILS

STRUCTURAL GENERAL DRAWINGS

WHS	S001	GENERAL NOTES, DESIGN CRITERIA, AND SCHEDULES

STRUCTURAL DRAWINGS

WHS	S100	SLAB AND ELEVATED SLAB PLAN
WHS	S101	ROOF FRAMING PLAN

ARCHITECTURAL DEMOLITION DRAWINGS

WHS	AD111	CAFETERIA - DEMOLITION PLANS
WHS	AD112	BAND ROOM - DEMOLITION PLANS
WHS	AD113	CORRIDORS C101 & C201 - DEMOLITION PLANS
WHS	AD360	DEMOLITION DETAILS & EXISTING CONDITION PHOTOS
WHS	AD361	EXISTING CONDITION PHOTOS
WHS	AD401	PARTIAL ROOF DEMOLITION PLANS
WHS	AD402	PARTIAL ROOF DEMOLITION PLANS
WHS	AD403	PARTIAL ROOF DEMOLITION PLANS, PHOTOS, & DETAILS
WHS	AD611	TOILET ROOMS - DEMOLITION PLANS
WHS	AD613	KITCHEN - DEMOLITION PLANS
WHS	AD621	POOL LOCKER ROOMS - DEMOLITION PLANS
WHS	AD625	POOL SUPPORT SPACE - DEMOLITION PLANS
WHS	AD626	POOL AREA - DEMOLITION PLAN
WHS	AD631	SPECTATOR AREA - DEMOLITION PLANS
WHS	AD813	CORRIDOR C101 & C201 - DEMOLITION REFLECTED CEILING PLANS
WHS	AD821	POOL AREA - DEMOLITION REFLECTED CEILING PLAN

ARCHITECTURAL DRAWINGS

WHS	A111	CAFETERIA & BOILER ROOM - NEW WORK PLANS & ELEVATIONS
WHS	A112	BAND ROOM - NEW WORK PLANS
WHS	A113	CORRIDORS C101 & C201 - NEW WORK PLANS
WHS	A151	MASONRY REPAIR - OVERALL GROUND FLOOR PLAN
WHS	A153	MASONRY REPAIR - OVERALL THIRD FLOOR PLAN
WHS	A154	MASONRY REPAIR - EXST COND. PHOTOS
WHS	A171	ELEC. PANELS REPLACEMENTS - OVERALL GROUND FLOOR PLAN
WHS	A172	ELEC. PANELS REPLACEMENTS - OVERALL SECOND FLOOR PLAN
WHS	A173	ELEC. PANELS REPLACEMENTS - OVERALL THIRD FLOOR PLAN
WHS	A174	ELEC. PANELS EXST COND. PHOTOS/DETAILS - GROUND FLOOR
WHS	A175	ELEC .PANELS EXST COND. PHOTOS/DETAILS - 2ND & 3RD FLOOR
WHS	A360	WALL SECTIONS & DETAILS
WHS	A401	PARTIAL ROOF NEW WORK PLANS
WHS	A402	PARTIAL ROOF NEW WORK PLANS
WHS	A450	ROOF DETAILS
WHS	A601	TYPICAL EQUIPMENT PLANS, ELEVATIONS AND DETAILS
WHS	A611	TOILET ROOMS - NEW WORK PLANS
WHS	A612	TOILET ROOMS - NEW WORK PLANS
WHS	A613	KITCHEN - NEW WORK PLANS
WHS	A621	GIRLS LOCKER ROOM - NEW WORK PLANS
WHS	A622	GIRLS LOCKER ROOM - NEW WORK INT. ELEVATIONS
WHS	A623	BOYS LOCKER ROOM - NEW WORK PLANS
WHS	A624	BOYS LOCKER ROOM - NEW WORK INT. ELEVATIONS
WHS	A625	POOL SUPPORT SPACE - NEW WORK PLANS
WHS	A626	POOL AREA - NEW WORK PLAN & INT. ELEVATIONS
WHS	A631	SPECTATOR AREA - NEW WORK PLANS
WHS	A632	SPECTATOR AREA - NEW WORK INT. ELEVATIONS
WHS	A650	PARTITION, CASEWORK, AND TILE DETAILS
WHS	A701	PARTITION TYPES & NOTES
WHS	A813	CORRIDOR C101 & C201 - NEW WORK REFLECTED CEILING PLAN
WHS	A821	POOL AREA - NEW WORK REFLECTED CEILING PLAN
WHS	A850	CEILING DETAILS
WHS	A901	DOOR SCHEDULE, DETAILS & ENLARGED PLAN
WHS	A902	STOREFRONT & WINDOW ELEVATIONS & DETAILS

ARCHITECTURAL FINISH DRAWINGS

WHS	AF001	MATERIAL SCHEDULE
WHS	AF113	CORRIDORS C101 & C201 - FINISH PLANS
WHS	AF611	TOILET ROOMS - FINISH PLANS
WHS	AF613	KITCHEN - FINISH PLAN
WHS	AF621	POOL LOCKER ROOMS - FINISH PLANS
WHS	AF625	POOL SUPPORT SPACE - FINISH PLAN
WHS	AF626	POOL AREA - FINISH PLAN
WHS	AF631	SPECTATOR AREA - FINISH PLAN
WHS	AF701	SIGN SCHEDULE AND TYPES

FOOD SERVICE DRAWINGS

WHS	FS100	FOOD SERVICE EXISTING EQUIPMENT PLAN
WHS	FS101	FOOD SERVICE EQUIPMENT PLAN
WHS	FS102	FOOD SERVICE PLUMBING PLAN
WHS	FS103	FOOD SERVICE ELECTRICAL PLAN
WHS	FS104	FOOD SERVICE EXHAUST HOOD DETAILS
WHS	FS105	FOOD SERVICE EXHAUST HOOD DETAILS

POOL GENERAL DRAWINGS

WHS	SP001	AQUATICS LEGENDS & NOTES PLAN

POOL DRAWINGS

WHS	SP100	AQUATICS LAYOUT PLAN
WHS	SP200	AQUATICS DETAILS
WHS	SP300	AQUATICS GUTTER DEMO PLANS
WHS	SP301	AQUATICS GUTTER LAYOUT PLAN
WHS	SP302	AQUATICS GUTTER DETAILS
WHS	SP303	AQUATICS GUTTER DETAILS II
WHS	SP400	MECHANICAL ROOM LAYOUT PLAN

PLUMBING GENERAL DRAWINGS

WHS	P001	PLUMBING NOTES, SCHEDULES AND SYMBOLS
WHS	P002	UPPER FIELDS WATER SERVICE PLAN AND DETAILS
WHS	P111	GROUND FLOOR PLAN - OVERALL
WHS	P121	SECOND FLOOR PLAN - OVERALL
WHS	P131	THIRD FLOOR PLAN - OVERALL
WHS	P401	ROOF PLAN - OVERALL

PLUMBING DEMOLITION DRAWINGS

WHS	PD611	ENLARGED TOILET ROOM PLANS DEMOLITION
WHS	PD612	ENLARGED NATATORIUM PLANS DEMOLITION
WHS	PD613	ENLARGED KITCHEN PLANS DEMOLITION

PLUMBING DRAWINGS

WHS	P611	ENLARGED TOILET ROOM PLANS
WHS	P612	ENLARGED NATATORIUM PLANS
WHS	P613	ENLARGED KITCHEN AND BOILER ROOM PLANS

MECHANICAL GENERAL DRAWINGS

WHS	M001	MECHANICAL SYMBOLS LIST AND GENERAL NOTES

MECHANICAL DEMOLITION DRAWINGS

WHS	MD100	AREA F KITCHEN MECHANICAL REMOVALS PLAN
WHS	MD101	AREA G TOILET ROOM MECHANICAL REMOVALS PLAN
WHS	MD102	AREA G BAND ROOM MECHANICAL REMOVALS PLAN
WHS	MD103	AREA A LOCKER ROOM MECHANICAL REMOVALS PLAN

MECHANICAL DRAWINGS

WHS	M100	AREA F KITCHEN MECHANICAL PLAN
WHS	M101	AREA G TOILET ROOM MECHANICAL PLAN
WHS	M102	AREA G BAND ROOM MECHANICAL PLAN
WHS	M103	AREA A LOCKER ROOM MECHANICAL PLAN
WHS	M104	AREA A LAUNDRY MECHANICAL PLAN
WHS	M500	MECHANICAL DETAILS
WHS	M700	MECHANICAL SCHEDULES
WHS	M800	MECHANICAL CONTROLS
WHS	M801	MECHANICAL CONTROLS

ELECTRICAL GENERAL DRAWINGS

WHS	E001	ELECTRICAL LEGEND, NOTES & ABBREVIATIONS

ELECTRICAL DEMOLITION DRAWINGS

WHS	ED101	CRAWLSPACE DEMOLITION PLAN
WHS	ED111	GROUND FLOOR DEMOLITION PLAN AREAS A, B, C
WHS	ED112	GROUND FLOOR DEMOLITION PLAN AREA D
WHS	ED113	GROUND FLOOR DEMOLITION PLAN AREA E
WHS	ED114	GROUND FLOOR DEMOLITION PLAN AREA F
WHS	ED115	GROUND FLOOR DEMOLITION PLAN AREA G
WHS	ED121	SECOND FLOOR DEMOLITION PLAN AREA A & G
WHS	ED122	SECOND FLOOR DEMOLITION PLAN AREAS B & C
WHS	ED131	THIRD FLOOR DEMOLITION PLAN AREA A
WHS	ED132	THIRD FLOOR DEMOLITION PLAN AREAS B, C, D, E
WHS	ED600	ONE LINE DIAGRAM - DEMOLITION

ELECTRICAL DRAWINGS

WHS	E101	CRAWLSPACE NEW WORK PLAN
WHS	E111	GROUND FLOOR NEW WORK PLAN AREAS A, B, C
WHS	E112	GROUND FLOOR NEW WORK PLAN AREA D
WHS	E113	GROUND FLOOR NEW WORK PLAN AREA E
WHS	E114	GROUND FLOOR NEW WORK PLAN AREA F
WHS	E115	GROUNF FLOOR NEW WORK PLAN AREA G
WHS	E121	SECOND FLOOR NEW WORK PLAN AREA A & G
WHS	E122	SECOND FLOOR NEW WORK PLAN AREAS B & C
WHS	E131	THIRD FLOOR NEW WORK PLAN AREA A
WHS	E132	THIRD FLOOR NEW WORK PLAN AREAS B, C, D, E
WHS	E411	LOCKER ROOM PLANS
WHS	E412	KITCHEN PLANS
WHS	E500	DETAILS
WHS	E600	ONE LINE DIAGRAM - NEW WORK
WHS	E700	PANEL SCHEDULES
WHS	E701	PANEL SCHEDULES
WHS	E702	PANEL SCHEDULES
WHS	E703	PANEL SCHEDULES
WHS	E704	SCHEDULES

TAFT ELEMENTARY SCHOOL (TES)

GENERAL DRAWINGS

TES	G010	GROUND FLOOR PLAN - OVERALL

LIFE SAFETY DRAWINGS

TES	LS111	LIFE SAFETY PLAN & DIAGRAMS

ARCHITECTURAL DRAWINGS

TES	A811	REFLECTED CEILING PLAN - AREA 'A'
TES	A813	REFLECTED CEILING PLAN - AREA 'C'
TES	A814	REFLECTED CEILING PLAN - AREA 'D'

MECHANICAL DRAWINGS

TES	M001	MECHANICAL SYMBOLS LISTS, GENERAL NOTES, SCHEDULES, AND CONTROLS
TES	M101	GROUND FLOOR MECHANICAL PLAN - AREA A
TES	M102	GROUND FLOOR MECHANICAL PLAN - AREA C
TES	M103	GROUND FLOOR MECHANICAL PLAN - AREA D

ELECTRICAL DRAWINGS

TES	E001	ELECTRICAL LEGEND, NOTES, & ABBREVIATIONS
TES	E100	PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA A
TES	E101	PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA C
TES	E102	PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA D
TES	E700	SCHEDULES

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDENT-TREATED MATERIAL
FTG	FOOTING
G	GROUND
GA	GAUGE
GAL	GALLON(S)
GALV	GALVANIZE(D)
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALL BOARD
GWBS	GYPSUM WALL BOARD SOFFIT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LIN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPT	OPTIONAL
OVR	OVERALL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WGT	WEIGHT
YD	YARD

ARCHITECTURAL LEGEND

MATERIAL INDICATIONS

- ▨ EARTH
- ▨ GRANULAR FILL
- ▨ BRICK
- ▨ CONCRETE MASONRY UNIT
- ▨ CONCRETE
- ☐ GROUT
- ☒ ROUGH WOOD BLOCKING
- ▨ SHIM
- ▨ FINISH WOOD
- ▨ PLYWOOD
- ▨ SHEATHING
- ▨ RIGID INSULATION
- ▨ BATT INSULATION
- ▨ SPRAY FOAM INSULATION
- ▨ EPS INSULATION
- ▨ STEEL

DIMENSIONING CONVENTIONS

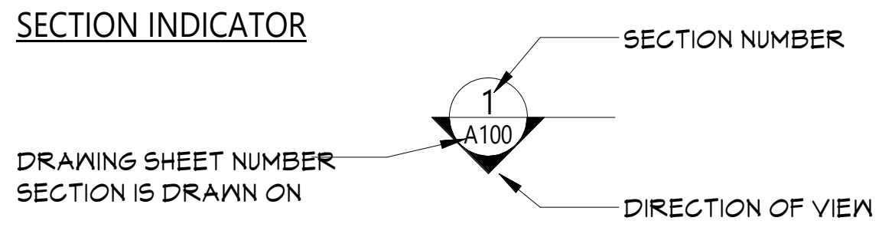
- FACE OF STUD OR CMU
- COLUMN CENTER LINE

SYMBOLS

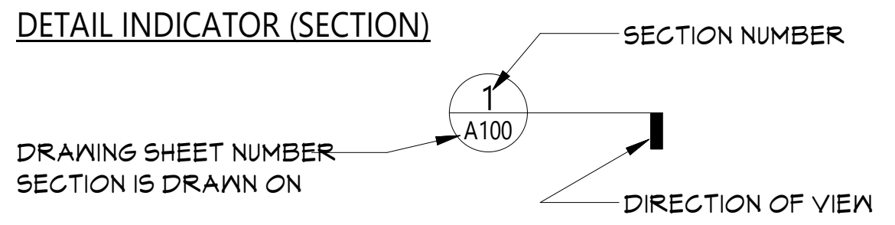
CLASSROOM	ROOM NAME
100	ROOM NUMBER
000 S.F.	AREA OF ROOM
(A100)	DOOR NUMBER, REFER TO A900 DRAWINGS
⬡ 1	WINDOW TAG, REFER TO A900 DRAWINGS
S1	STOREFRONT / CURTAINWALL NUMBER, REFER TO A900 DRAWINGS
○ 1	COLUMN GRID DESIGNATION
◇ 1	PARTITION TAG, REFER TO A700 DRAWINGS
1	HOUR RATING OF PARTITION
M	ADDITIONAL NOTES FOR PARTITION
△ 1	REVISION NUMBER
(1)	KEY NOTE, NEW WORK
⬠ 1	KEY NOTE, DEMOLITION WORK
+0'-0"	ELEVATION TAG
♿	HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE
ROOM NAME 101 WALL FINISH BASE FINISH FLOOR FINISH	INTERIOR FINISH TAG, REFER TO AF100 DRAWINGS

DETAIL INDICATOR LEGEND

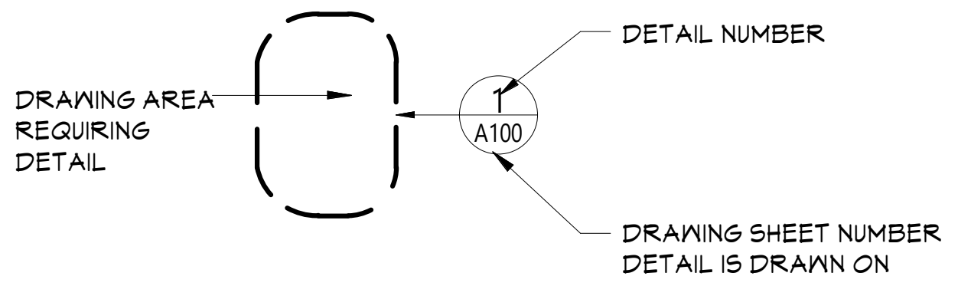
SECTION INDICATOR



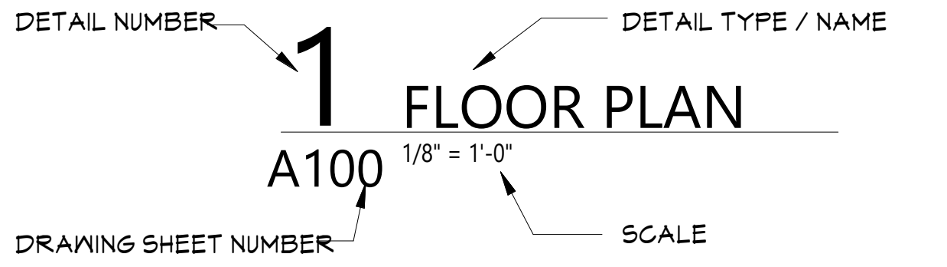
DETAIL INDICATOR (SECTION)



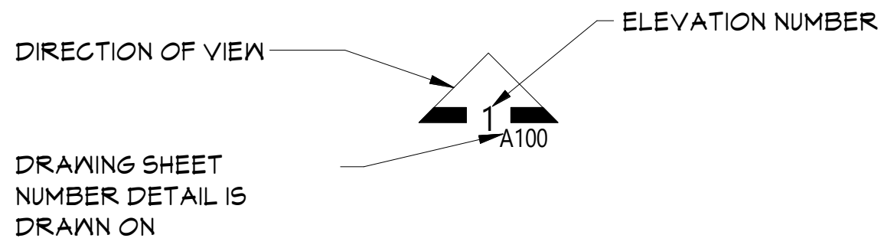
ENLARGED DETAIL INDICATOR


DETAIL NUMBER
DRAWING AREA REQUIRING DETAIL
1
A100
DRAWING SHEET NUMBER DETAIL IS DRAWN ON

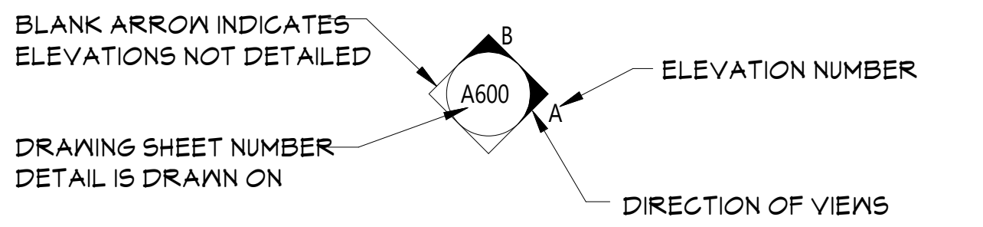
DETAIL TITLE



EXTERIOR ELEVATION INDICATOR



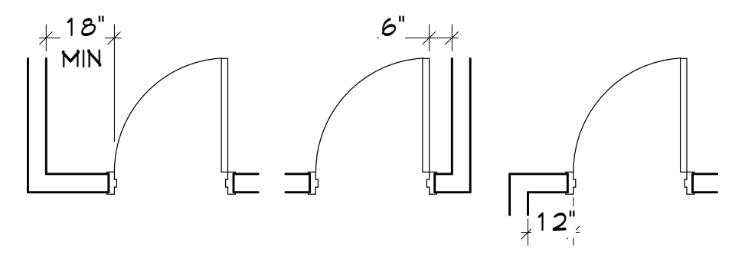
INTERIOR ELEVATION INDICATOR


BLANK ARROW INDICATES ELEVATIONS NOT DETAILED
B
A600
A
ELEVATION NUMBER
DRAWING SHEET NUMBER DETAIL IS DRAWN ON
DIRECTION OF VIEWS

PLAN GRAPHICS LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONCRETE MASONRY WALL
- NEW METAL STUD WALL
- NEW BRICK VENEER
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- NEW DOOR

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



GENERAL NOTES

1. DIMENSIONS ARE GIVEN THUS (UNLESS NOTED OTHERWISE)
    - A. TO FACE OF MASONRY WALL
    - B. TO FACE OF METAL STUD
    - C. TO COLUMN CENTERLINES
    - D. TO FINISH FACE OF SOFFIT OR CEILING
    - E. FACE OF EXISTING CONSTRUCTION
2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK
3. WALLS ON COLUMN LINES ARE CENTERED, UNO
4. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
5. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COODINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
6. ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION
7. ALL WOOD LUMBER IN CONTACT WITH EXTERIOR WALL CONCRETE OR MASONRY, OR WITHIN 18" OF GRADE SHALL BE PRESSURE TREATED.
8. ALL WOOD LUMBER BLOCKING WITHIN FIRE RATED WALL PARTITIONS OR FLOOR ASSEMBLIES SHALL BE FIRE RETARDENT TREATED.
9. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND /OR FIRE STOPPED. COORDINATE WITH 'H' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
10. ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT

2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	Varies
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

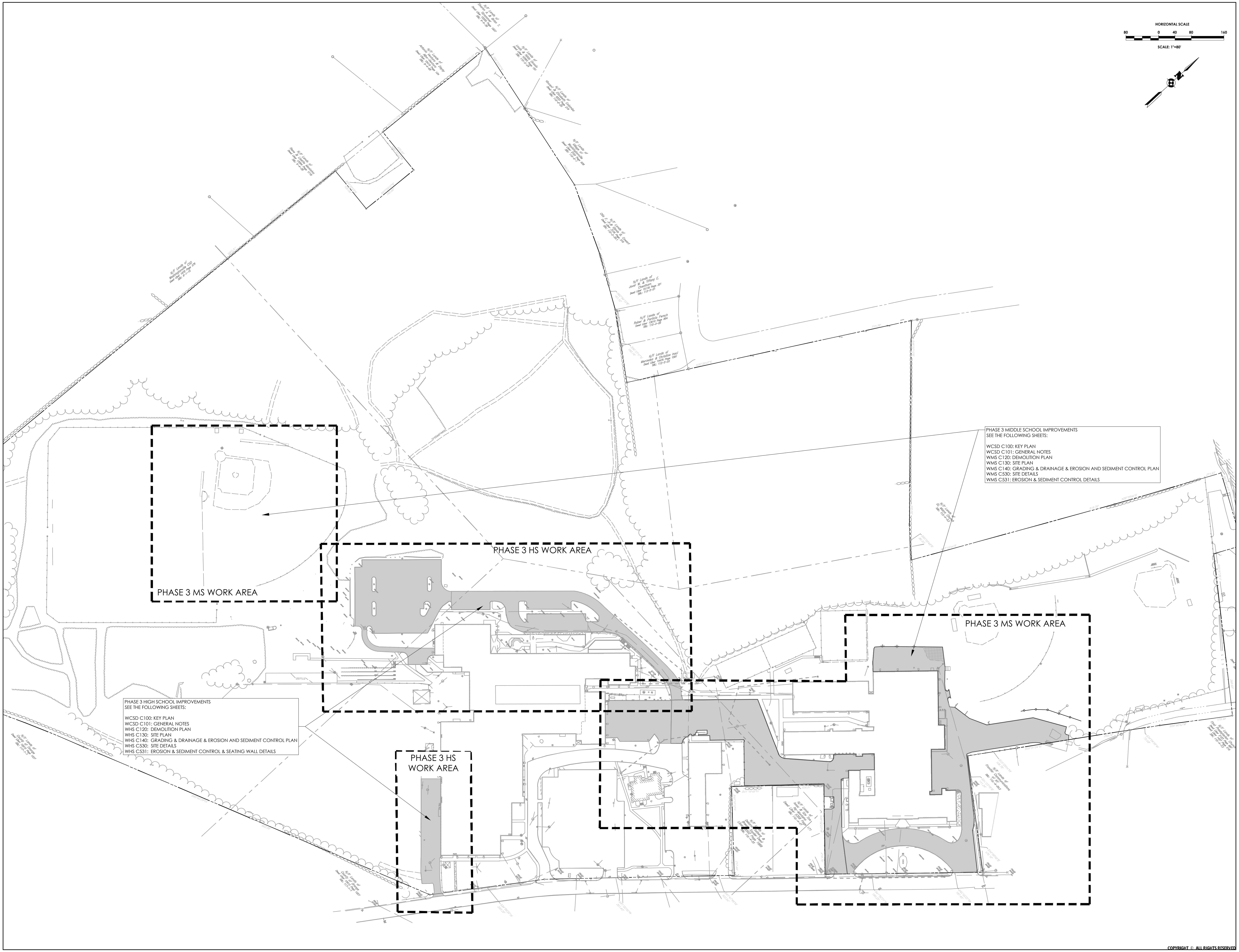
SYMBOLS, ABBREVIATIONS, AND MISC

Sheet No.

WCSD G001

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



PHASE 3 MIDDLE SCHOOL IMPROVEMENTS
SEE THE FOLLOWING SHEETS:

WCSD C100: KEY PLAN
WCSD C101: GENERAL NOTES
WMS C120: DEMOLITION PLAN
WMS C130: SITE PLAN
WMS C140: GRADING & DRAINAGE & EROSION AND SEDIMENT CONTROL PLAN
WMS C530: SITE DETAILS
WMS C531: EROSION & SEDIMENT CONTROL DETAILS

PHASE 3 HIGH SCHOOL IMPROVEMENTS
SEE THE FOLLOWING SHEETS:

WCSD C100: KEY PLAN
WCSD C101: GENERAL NOTES
WHS C120: DEMOLITION PLAN
WHS C130: SITE PLAN
WHS C140: GRADING & DRAINAGE & EROSION AND SEDIMENT CONTROL PLAN
WHS C530: SITE DETAILS
WHS C531: EROSION & SEDIMENT CONTROL & SEATING WALL DETAILS

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT

2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By:	TO
Checked By:	RV
Proj. #:	
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

KEY PLAN

Sheet No.

WCSD
C100

CONSTRUCTION DOCUMENTS

EXISTING CONDITIONS

1. BASE PLAN: THE PROPERTY BOUNDARY INFORMATION DEPICTED ON THESE PLANS ARE BASED ON THE SURVEY BY CONTROL POINT ASSOCIATES. THE TOPOGRAPHY AND SITE IMPROVEMENTS ARE BASED ON THE SURVEY "BOUNDARY AND TOPOGRAPHIC MAP WASHINGTONVILLE MIDDLE SCHOOL & HIGH SCHOOL" BY CONTROL POINT ASSOCIATES INC., DATED 10-21-24.
    1.1. THE CONTROL POINT ASSOCIATES SURVEY INCLUDES INCOMPLETE AND CONFLICTING UTILITY INFORMATION. THESE PLANS HAVE BEEN PREPARED BASED ON THAT SURVEY, AND DISCREPANCIES BETWEEN THE SURVEY AND FIELD CONDITIONS ARE EXPECTED TO EXIST. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY INFORMATION AFFECTED BY THE WORK, INCLUDING BUT NOT LIMITED TO LOCATIONS, ELEVATIONS, CONNECTIONS, ETC.

2. TOPOGRAPHY: ELEVATIONS ARE BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM, EASTERN ZONE, NAD 83, U.S. SURVEY FEET.

3. GEOTECHNICAL DATA: GEOTECHNICAL REPORT DATED OCTOBER 16, 2024 PREPARED BY FOUNDATION DESIGN, P.C.

4. PRIOR TO STARTING THE WORK, CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AFFECTING THE WORK AND IDENTIFY ANY DISCREPANCIES TO THE OWNER AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK; PARTICULARLY THE INFORMATION PROVIDED BY THE SURVEYOR FOR CONVEYANCE STRUCTURE RIMS, CONNECTION ORIENTATIONS, PIPE SIZES, NUMBER OF CONNECTIONS, INVERTS, AND/OR GENERAL CONDITION.

DOCUMENT USE

1. THESE PLANS AND CORRESPONDING CAD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF PASSERO ASSOCIATES. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO PASSERO ASSOCIATES.

2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE ENGINEER, AND SHALL VERIFY FIELD-LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PRINTED VERSION OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

LAYOUT AND MATERIALS

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
    1.1. MAINTAIN A 6-INCH REVEAL ON ALL CURBS WHERE NEW PAVING IS PROPOSED. THE PROPOSED GRADES SHOWN ON THESE PLANS MAY BE MODIFIED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL TO MAINTAIN THE REQUIRED CURB REVEAL WHILE PROVIDING THE REQUIRED STORMWATER MANAGEMENT.

2. CURB RADII ARE 5 FEET UNLESS OTHERWISE NOTED.

3. CURBING SHALL BE CAST IN PLACE UNLESS OTHERWISE INDICATED ON THE PLANS.

4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.

5. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.

6. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AT THE INTERFACE WITH PROPOSED SITE IMPROVEMENTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND DESIGN PRIOR TO PROCEEDING WITH THE WORK.

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION & SEDIMENT CONTROL

1. ALL EROSION AND SEDIMENT CONTROL METHODS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE ENGINEER. THE SITE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE OWNER AND ENGINEER. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE QUALIFIED SWPPP INSPECTOR SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE ENGINEER MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE ENGINEER DOES NOT RELIEVE THE SITE CONTRACTOR OF THEIR OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-25-002).

2. INSTALL STABILIZED CONSTRUCTION ENTRANCE (SCE). THE SCE LOCATION IS SHOWN SCHEMATICALLY ON THE PLANS AND SHALL BE MODIFIED BY THE CONTRACTOR ACCORDING TO SITE CONDITIONS AND OPERATIONS.

3. CONSTRUCT EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT AREAS AS SHOWN ON THE PLANS AND AS REQUIRED BY SITE CONDITIONS. ADDITIONAL AND/OR MODIFIED EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS AS ORDERED BY ENGINEER.
    3.1. TEMPORARY EROSION CONTROL MEASURES, INCLUDING SILT FENCES AND/OR STRAW BALE DIKES, DRAINAGE STRUCTURES, SEDIMENT TRAPS, SEDIMENTATION BASINS, PERIMETER SWALES/DIKES, AND RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION.

4. CONSTRUCT TEMPORARY/PERMANENT SWALES AS SHOWN ON THE PLANS.

5. CLEAR AND GRUB THE WORK AREA(S).

6. STRIP TOPSOIL AND STOCKPILE ON-SITE AT A LOCATION APPROVED BY THE OWNER. STABILIZE THE STOCKPILE IN ACCORDANCE WITH MUNICIPAL AND NYSDEC REGULATIONS.

7. GRADE IMPROVEMENT AREAS WITHIN THE WORK AREA(S). AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH, OR OTHER METHOD APPROVED BY THE ENGINEER, WITHIN 7 DAYS OF THE LAST DISTURBANCE.

8. CONSTRUCT SEDIMENT BARRIERS AS SHOWN ON THE PLANS.

9. REPLACE TOPSOIL AND FINE GRADE WHERE APPLICABLE.
    9.1. MINIMUM OF 6" OF TOPSOIL SHALL BE PLACED ON ALL GRASS AREAS.

12. HYDRO-SEED ALL DISTURBED AREAS WITHIN 10 DAYS AFTER FINAL GRADING. THE CONTRACTOR SHALL RE-APPLY HYDRO-SEED OR USE ANOTHER METHOD APPROVED BY THE ENGINEER IF THE HYDRO-SEED IS DAMAGED OR GROWTH IS UNSATISFACTORY.

13. UPON APPROVAL OF THE ENGINEER, CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS AND STABILIZE THE DISTURBED AREAS.

UTILITIES

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY BASED ON THE PROVIDED SURVEY(S), LIMITED SUBSURFACE UTILITY EXPLORATION (SUE), AND FIELD OBSERVATIONS. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES.
    1.1. CONTRACTOR SHALL PERFORM THEIR OWN SUBSURFACE UTILITY EXPLORATION IN THE WORK AREAS, OR AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED; THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE AND ENGINEER FOR THE RESOLUTION OF THE CONFLICT. CONTRACTOR'S FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE & PROJECT ENGINEER PRIOR TO PERFORMING THE WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.

3. SET CATCH BASIN RIMS, PIPE INVERTS, AND OTHER DRAINAGE INFRASTRUCTURE IN ACCORDANCE WITH ELEVATIONS ON THE PLANS. A DEVIATION OF UP TO -0.1FT IS ACCEPTABLE.

4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
    4.1. PAVEMENTS AND CONCRETE SURFACES: FLUSH
    4.2. ALL SURFACES ALONG ADA ACCESSIBLE ROUTES: FLUSH
    4.3. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER TO THE ADJACENT HARDSCAPE/STRUCTURE ELEVATION.

5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY OWNER. FINAL DESIGN LOADS AND LOCATIONS FOR THESE UTILITIES SHALL BE COORDINATED WITH OWNER AND ENGINEER.

6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR UTILITY POLE RELOCATION/MODIFICATION AND/OR THE ALTERATION AND ADJUSTMENT OF EXISTING GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.

7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
    7.1. STORM DRAINAGE PIPES: HDPE UNLESS NOTED OTHERWISE
    7.2. PIPES INTERNAL TO THE BUILDING: PVC UNLESS NOTED OTHERWISE ON THESE PLANS AND/OR PLANS PREPARED BY OTHER PROFESSIONALS.

8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.

9. ALL DRAINAGE STRUCTURE INTERIOR DIAMETERS SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS, AND APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. THE MANUFACTURER'S RECOMMENDATIONS FOR STRUCTURE SIZE AND CONFIGURATION WILL SUPERCEDE THE INFORMATION IN THE CONTRACT DOCUMENTS, AND CONTRACT SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND ACCEPTANCE.

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
CHRISTOPHER J. LAPORTA
102592
LICENSED PROFESSIONAL ENGINEER
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By:	TO
Checked By:	RV
Proj. #:	
CSArch Proj. #:	228-2401.03
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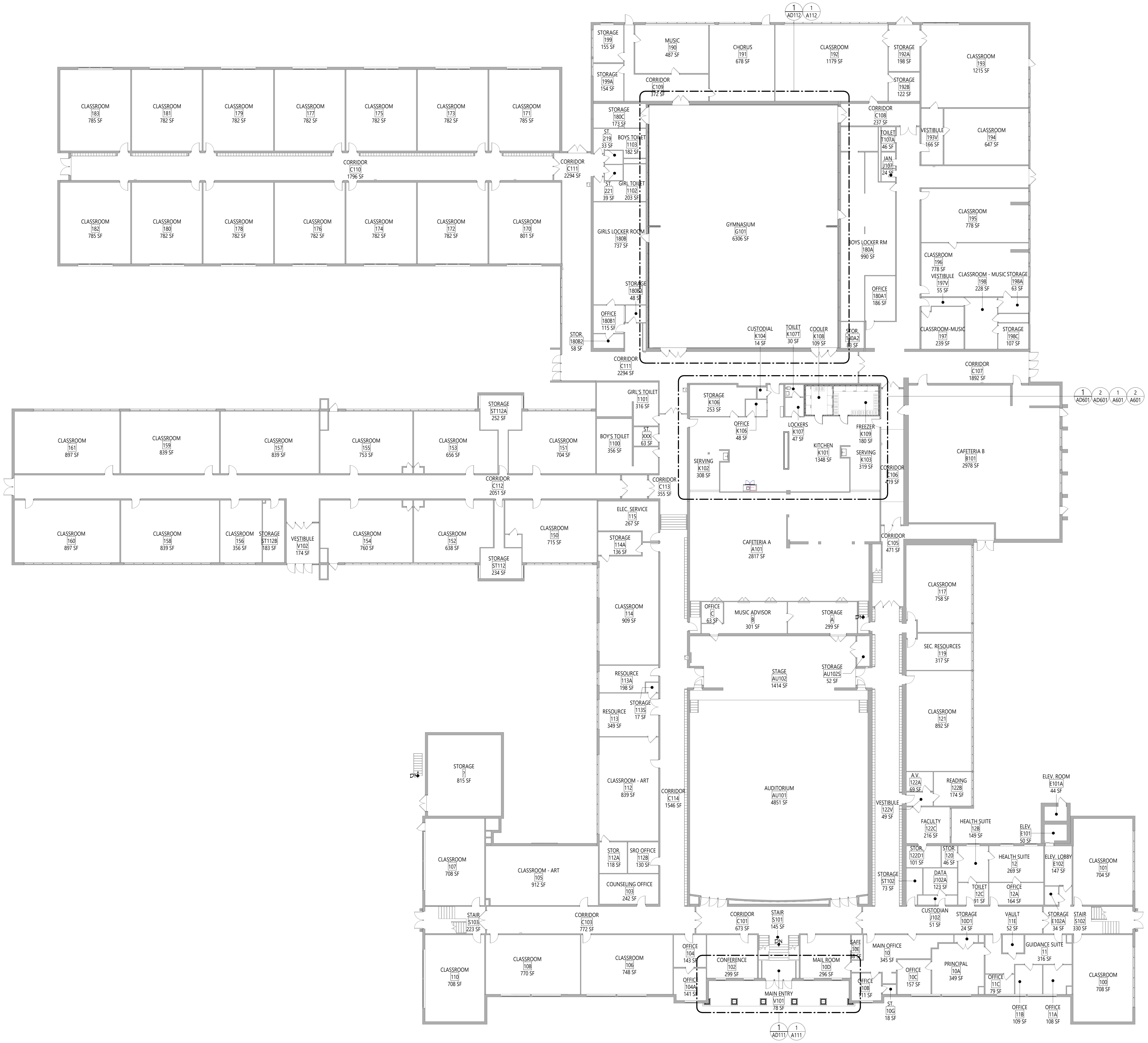
Sheet Title

GENERAL NOTES

Sheet No.

WCSD
C101

CONSTRUCTION DOCUMENTS



1 FIRST FLOOR PLAN - OVERALL
G111 1/16" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 023344 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	DM
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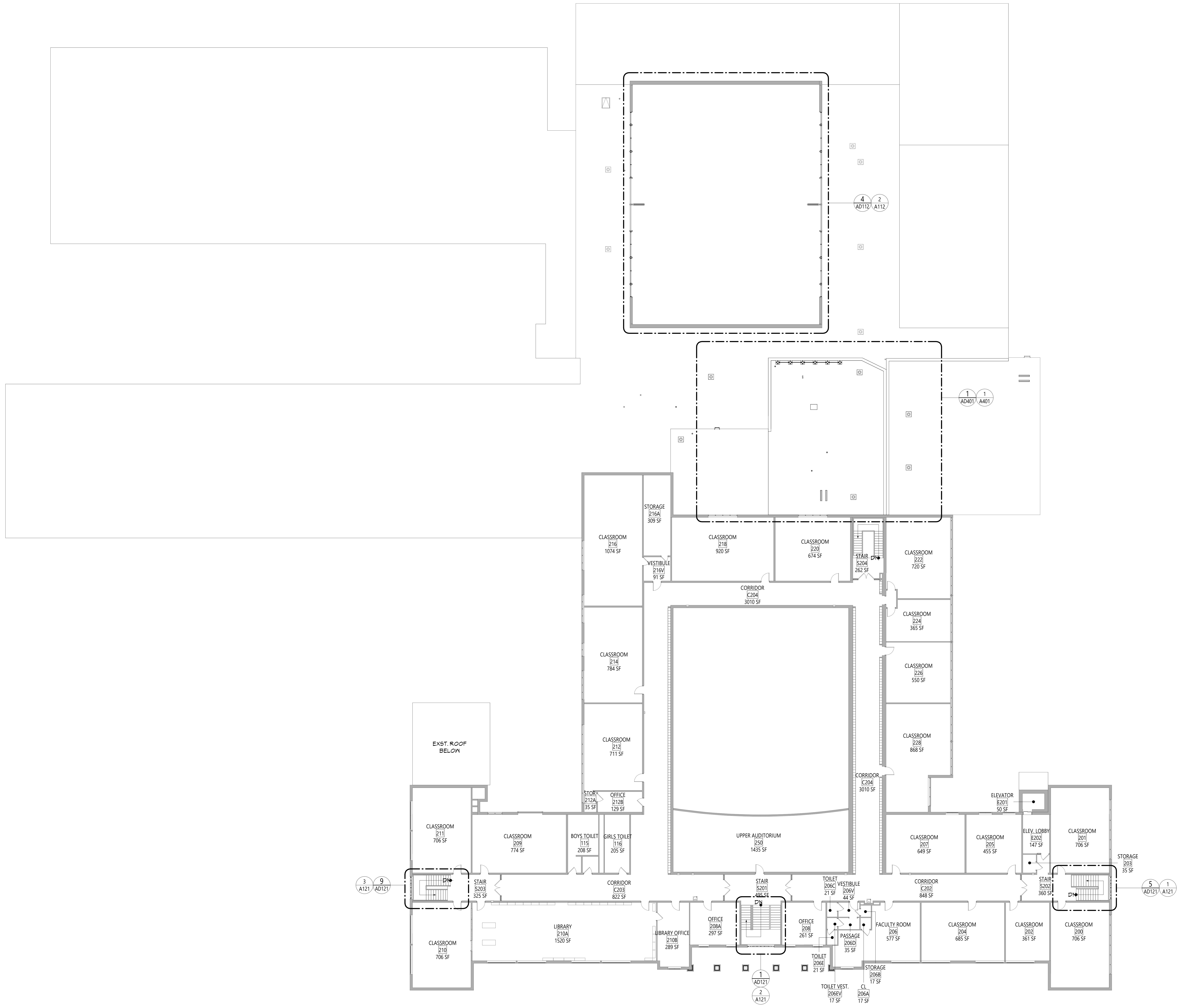
Sheet Title

FIRST FLOOR PLAN - OVERALL

Sheet No.

WMS G111

CONSTRUCTION DOCUMENTS



1
G121
SECOND FLOOR PLAN - OVERALL
1/16" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI/KS/CM
Checked By:	Checker
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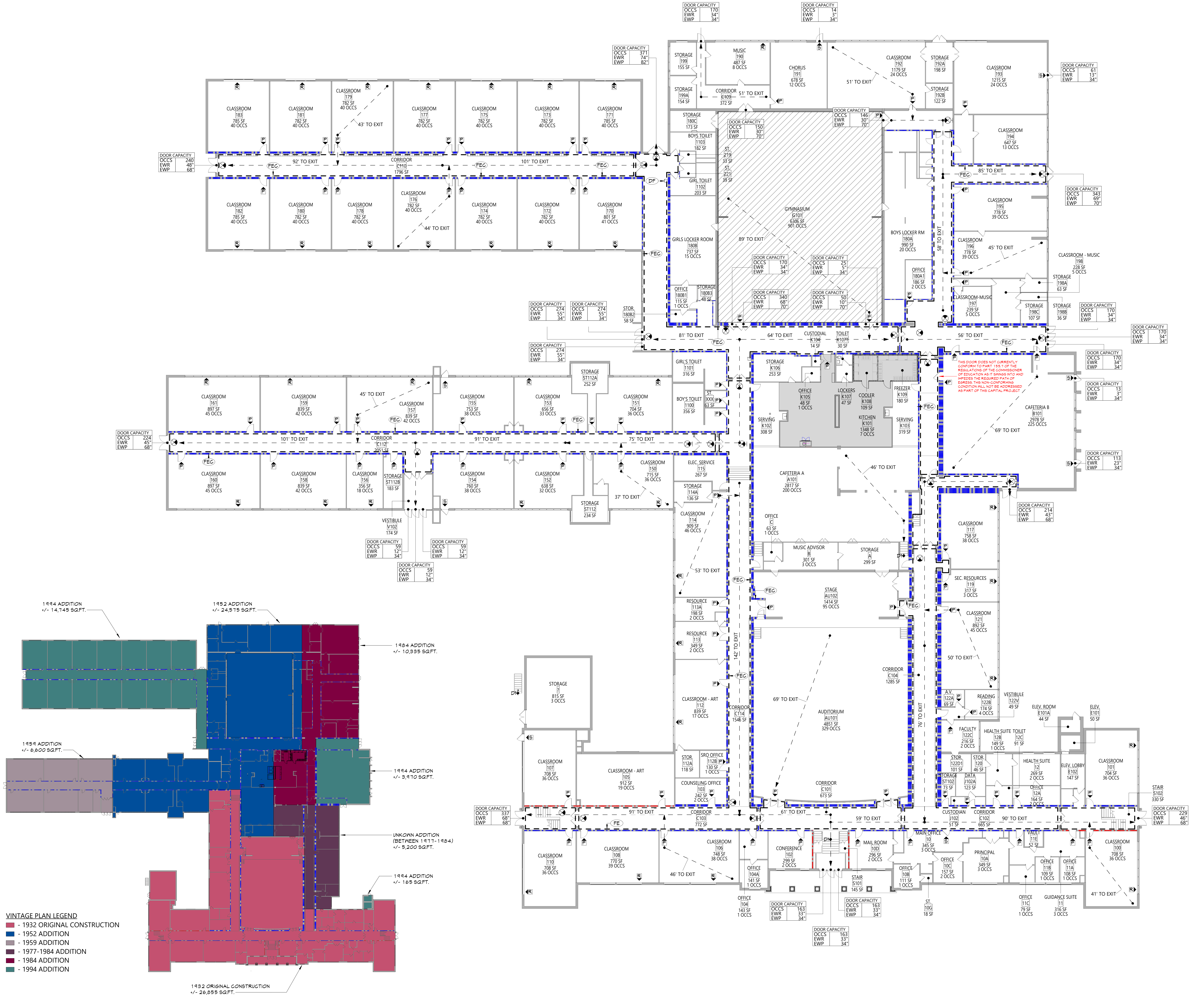
Sheet Title

SECOND
FLOOR PLAN -
OVERALL

Sheet No.

WMS
G121

CONSTRUCTION DOCUMENTS



CLASSROOM 183 785 SF 40 OCCS
CLASSROOM 181 782 SF 40 OCCS
CLASSROOM 179 782 SF 40 OCCS
43' TO EXIT
CLASSROOM 177 782 SF 40 OCCS
CLASSROOM 175 782 SF 40 OCCS
CLASSROOM 173 782 SF 40 OCCS
CLASSROOM 171 785 SF 40 OCCS
92' TO EXIT
CORRIDOR C110 1796 SF
101' TO EXIT
CLASSROOM 182 785 SF 40 OCCS
CLASSROOM 180 782 SF 40 OCCS
CLASSROOM 178 782 SF 40 OCCS
CLASSROOM 176 782 SF 40 OCCS
44' TO EXIT
CLASSROOM 174 782 SF 40 OCCS
CLASSROOM 172 782 SF 40 OCCS
CLASSROOM 170 801 SF 41 OCCS
STORAGE 199 155 SF
MUSIC 190 487 SF 8 OCCS
CHORUS 191 678 SF 12 OCCS
CLASSROOM 192 1179 SF 24 OCCS
STORAGE 192A 198 SF
CLASSROOM 193 1215 SF 24 OCCS
STORAGE 199A 154 SF
CORRIDOR C109 372 SF
51' TO EXIT
STORAGE 192B 122 SF
STORAGE 180C 173 SF
BOYS TOILET 1103 182 SF
GIRL TOILET 1102 203 SF
GYMNASIUM G101 6306 SF 901 OCCS
CLASSROOM 194 647 SF 13 OCCS
85' TO EXIT
CLASSROOM 195 778 SF 39 OCCS
GIRLS LOCKER ROOM 180B 737 SF 15 OCCS
89' TO EXIT
BOYS LOCKER RM 180A 990 SF 20 OCCS
58' TO EXIT
CLASSROOM 196 778 SF 39 OCCS
45' TO EXIT
CLASSROOM - MUSIC 198 228 SF 5 OCCS
STORAGE 198A 63 SF
OFFICE 180B1 115 SF 1 OCCS
STORAGE 180B3 48 SF
OFFICE 180A1 186 SF 2 OCCS
CLASSROOM-MUSIC 197 239 SF 5 OCCS
STORAGE 198C 107 SF
STORAGE 198B 36 SF
STOR. 180B2 58 SF
81' TO EXIT
64' TO EXIT
CUSTODIAL K104 14 SF
TOILET K107F 30 SF
56' TO EXIT
GIRL'S TOILET 1101 316 SF
STORAGE ST112A 252 SF
STORAGE K106 253 SF
OFFICE K105 48 SF 1 OCCS
LOCKERS K107 47 SF
COOLER K108 109 SF
FREEZER K109 180 SF
KITCHEN K101 1348 SF 7 OCCS
SERVING K102 308 SF
SERVING K103 319 SF
CAFETERIA B B101 2978 SF 225 OCCS
69' TO EXIT
CLASSROOM 161 897 SF 45 OCCS
CLASSROOM 159 839 SF 42 OCCS
45' TO EXIT
CLASSROOM 157 839 SF 42 OCCS
CLASSROOM 155 753 SF 38 OCCS
CLASSROOM 153 656 SF 33 OCCS
CLASSROOM 151 704 SF 36 OCCS
BOY'S TOILET 1100 356 SF
101' TO EXIT
CORRIDOR C112
91' TO EXIT
75' TO EXIT
CLASSROOM 160 897 SF 45 OCCS
CLASSROOM 158 839 SF 42 OCCS
CLASSROOM 156 356 SF 18 OCCS
STORAGE ST112B 183 SF
CLASSROOM 154 760 SF 38 OCCS
CLASSROOM 152 638 SF 32 OCCS
CLASSROOM 150 715 SF 36 OCCS
ELEC. SERVICE 115 267 SF
CAFETERIA A A101 2817 SF 200 OCCS
46' TO EXIT
STORAGE 114A 136 SF
37' TO EXIT
STORAGE ST112 234 SF
VESTIBULE V102 174 SF
CLASSROOM 114 909 SF 46 OCCS
OFFICE C 63 SF 1 OCCS
CLASSROOM 117 758 SF 38 OCCS
MUSIC ADVISOR B 301 SF 3 OCCS
STORAGE A 299 SF
53' TO EXIT
SEC. RESOURCES 119 317 SF 3 OCCS
STAGE AU102 1414 SF 95 OCCS
RESOURCE 113A 198 SF 2 OCCS
CLASSROOM 121 892 SF 45 OCCS
RESOURCE 113 349 SF 2 OCCS
142' TO EXIT
50' TO EXIT
CORRIDOR C104 1285 SF
STORAGE 7 815 SF 3 OCCS
CLASSROOM - ART 112 839 SF 17 OCCS
69' TO EXIT
AUDITORIUM AU101 4851 SF 329 OCCS
76' TO EXIT
A.V. 122A 69 SF
READING 122B 174 SF 4 OCCS
VESTIBULE 122V 49 SF
ELEV. ROOM E101A 44 SF
ELEV. E101 50 SF
CORRIDOR C114 1548 SF
FACULTY 122C 216 SF 2 OCCS
HEALTH SUITE TOILET 12B 149 SF 1 OCCS
CLASSROOM 107 708 SF 36 OCCS
CLASSROOM - ART 105 912 SF 19 OCCS
STOR. 112A 118 SF
SRO OFFICE 112B 130 SF 1 OCCS
COUNSELING OFFICE 103 242 SF 2 OCCS
CORRIDOR C101 673 SF
HEALTH SUITE 12 269 SF 2 OCCS
ELEV. LOBBY E102 147 SF
CLASSROOM 101 704 SF 36 OCCS
STAIR S102 330 SF
91' TO EXIT
CORRIDOR C103 772 SF
61' TO EXIT
59' TO EXIT
CUSTODIAN 102 57 SF
CORRIDOR C102 665 SF
90' TO EXIT
CLASSROOM 110 708 SF 36 OCCS
CLASSROOM 108 770 SF 39 OCCS
46' TO EXIT
CLASSROOM 106 748 SF 38 OCCS
CONFERENCE 102 299 SF 2 OCCS
MAIL ROOM 10D 296 SF 2 OCCS
MAIN OFFICE 10 345 SF 3 OCCS
PRINCIPAL 10A 349 SF 3 OCCS
CLASSROOM 100 708 SF 36 OCCS
41' TO EXIT
OFFICE 104A 141 SF 1 OCCS
STAIR S101 145 SF
OFFICE 108 111 SF 1 OCCS
OFFICE 104 143 SF 1 OCCS
OFFICE 11C 79 SF 1 OCCS
GUIDANCE SUITE 11 316 SF 3 OCCS
ST. 10G 18 SF
DOOR CAPACITY OCCS EWR EWP
THIS DOOR DOES NOT CURRENTLY CONFORM TO PART 155.1 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS IT SWINGS INTO AND IMPEDES THE REQUIRED PATH OF EGRESS. THIS NON-CONFORMING CONDITION WILL NOT BE ADDRESSED AS PART OF THE CAPITAL PROJECT.

1 FIRST FLOOR - OVERALL - LIFE SAFETY PLAN

LS111 1/16" = 1'-0"

1994 ADDITION +/- 14,745 SQFT.
1952 ADDITION +/- 24,575 SQFT.
1984 ADDITION +/- 10,335 SQFT.
1959 ADDITION +/- 6,600 SQFT.
1994 ADDITION +/- 3,970 SQFT.
UNKOWN ADDITION (BETWEEN 1977-1984) +/- 5,200 SQFT.
1994 ADDITION +/- 165 SQFT.
1932 ORIGINAL CONSTRUCTION +/- 26,855 SQFT.

VINTAGE PLAN LEGEND
- 🟥 - 1932 ORIGINAL CONSTRUCTION
- 🟦 - 1952 ADDITION
- ▨ - 1959 ADDITION
- 🟪 - 1977-1984 ADDITION
- 🟥 - 1984 ADDITION
- 🟩 - 1994 ADDITION

2 FIRST FLOOR - OVERALL - VINTAGE PLAN

LS111 1" = 40'-0"

LIFE SAFETY PLAN LEGEND

P	PRIMARY EXIT
S	SECONDARY EXIT
R	RESCUE WINDOW (SECONDARY EXIT)
♿	ACCESSIBLE EXIT
♿	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (## OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
DOOR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
STAIR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
⊛→	EXIT PATH OF TRAVEL (START - END)
⊗	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
⊗	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED	AUTOMATED EXTERNAL DEFIBRILLATOR
DF	DRINKING FOUNTAIN
ESE	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FEC	FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

▬ ▬ ▬ ▬	SMOKE BARRIER
▨	CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

🟦	1 HOUR RATED FIRE PARTITION
🟥	1 HOUR RATED FIRE BARRIER
🟥	2 HOUR RATED FIRE BARRIER
🟧	2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1932
CONSTRUCTION TYPE:	IIIB
FIRST FLOOR AREA:	+/- 26,855 SF GROSS
SECOND FLOOR AREA:	+/- 21,615 SF GROSS
ADDITION CONSTRUCTION:	1952
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 24,575 SF GROSS
ADDITION CONSTRUCTION:	1959
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 6,600 SF GROSS
ADDITION CONSTRUCTION:	UNKNOWN (+/-1977-1984)
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 5,200 SF GROSS
SECOND FLOOR AREA:	+/-10,750 SF GROSS
ADDITION CONSTRUCTION:	1984
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 10,335 SF GROSS
ADDITION CONSTRUCTION:	1994
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 18,880 SF GROSS
SECOND FLOOR AREA:	+/- 90 SF GROSS

CLASSIFICATION OF WORK:

▨	LEVEL 1 ALTERATION
⬜	LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
w_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$
$I_f = [2{,}446/2{,}446 - 0.25]\ W/30$
$I_f = [1-0.25]\ 30/30$
$I_f = [0.75]\ 1$
$I_f = 0.75$

$A_a = A_t+(NS \times I_f)$
$A_a = 14{,}500 + (14{,}500 \times 0.75)$
$A_a = 14{,}500+(10{,}875)$
$A_a = 25{,}375$ sq ft

CODE NOTES

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SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

B. SEPARATE FIRE AREAS AND SEPARATE BUILDING AREAS ARE SEPARATE SMOKE ZONES.

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Consultant

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WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS ... 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI/KS/CM
Checked By:	DM
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

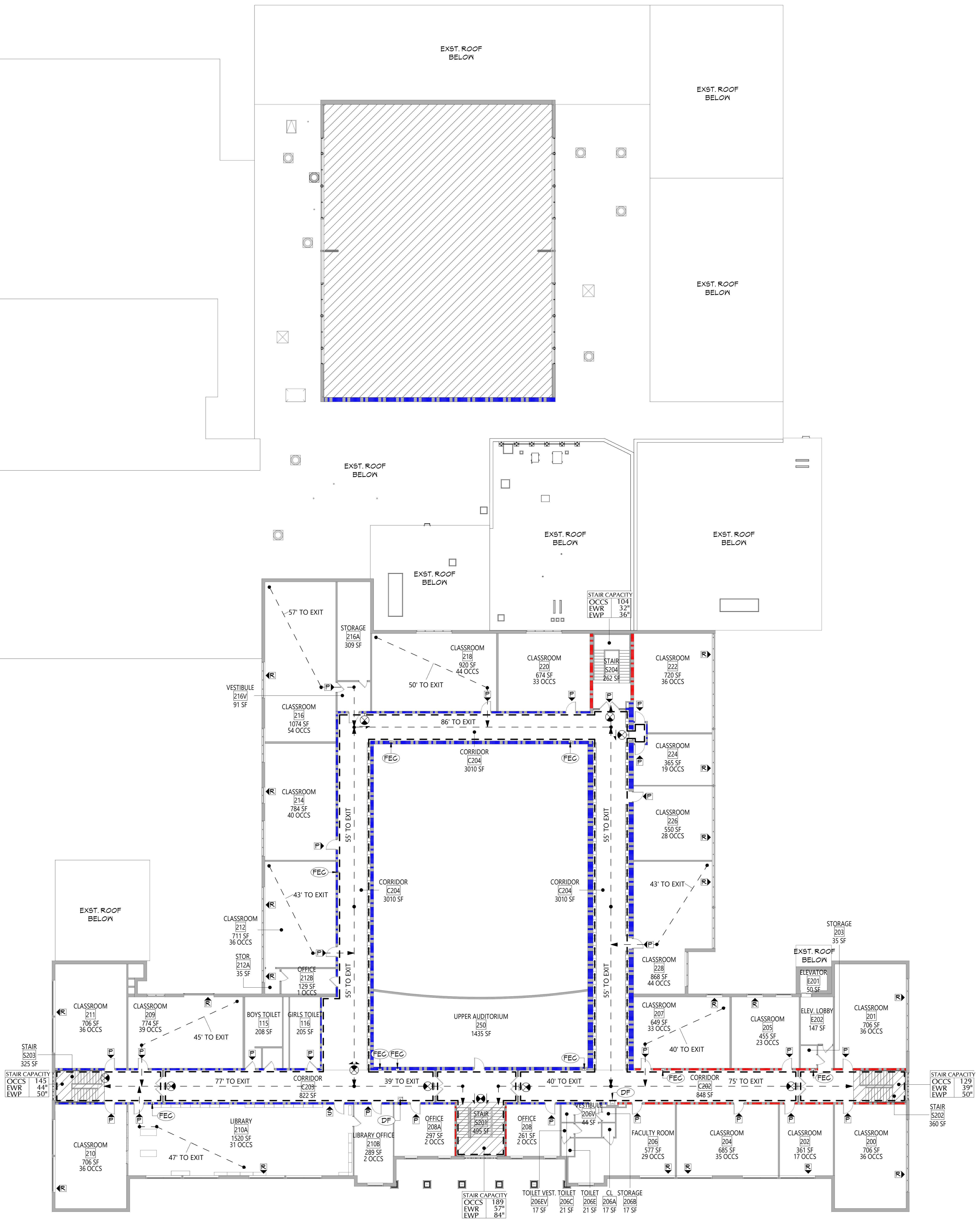
FIRST FLOOR
LIFE SAFETY
PLAN -
OVERALL

Sheet No.

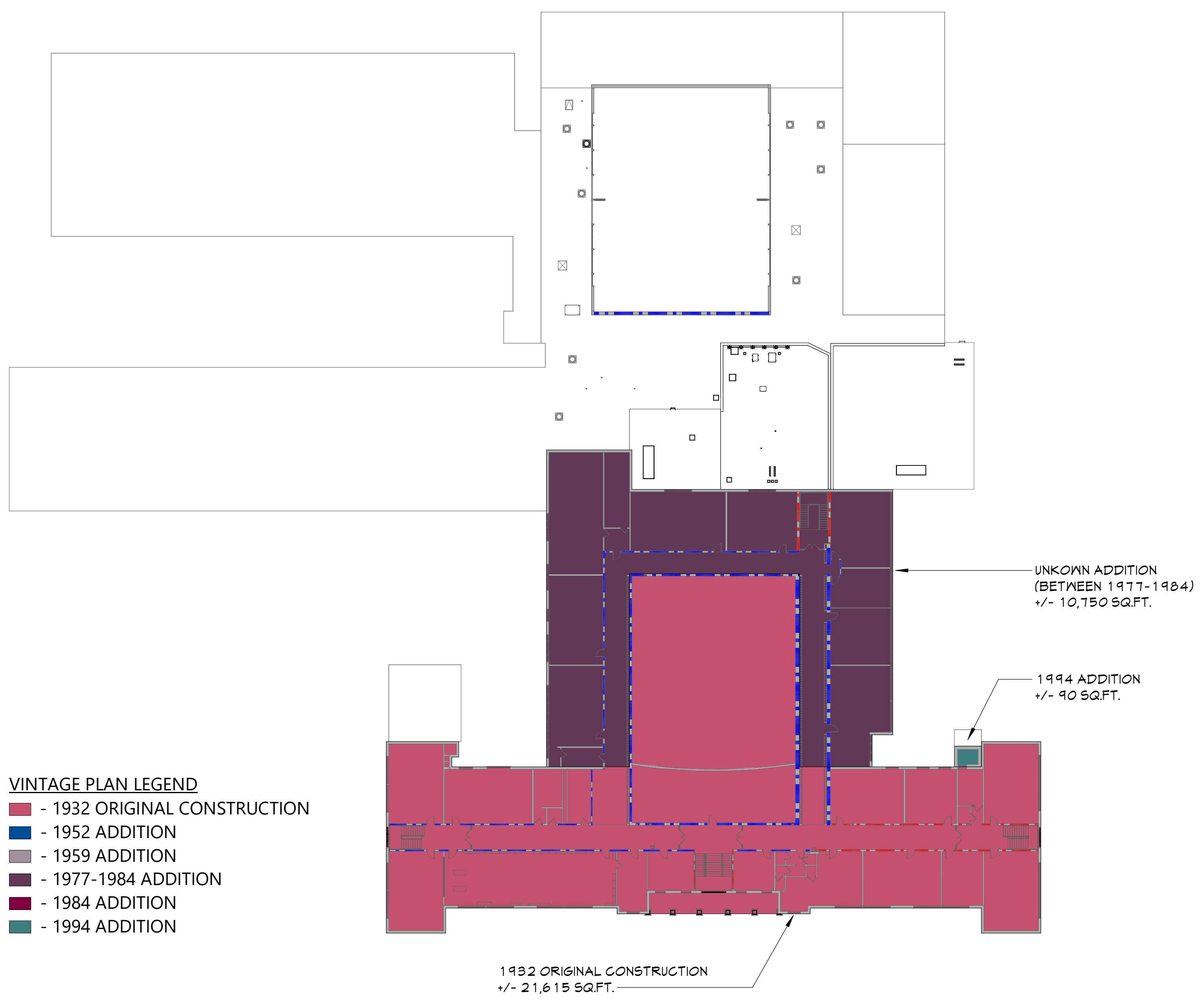
WMS
LS111

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



1 SECOND FLOOR LIFE SAFETY PLAN
LS121 1/16" = 1'-0"



VINTAGE PLAN LEGEND

- 🟥 - 1932 ORIGINAL CONSTRUCTION
- 🟦 - 1952 ADDITION
- ⬜ - 1959 ADDITION
- 🟪 - 1977-1984 ADDITION
- 🟥 - 1984 ADDITION
- 🟩 - 1994 ADDITION

2 SECOND FLOOR - VINTAGE PLAN
LS121 1" = 40'-0"

LIFE SAFETY PLAN LEGEND

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S	SECONDARY EXIT
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SMOKE SEPARATION NOTES

▬ ▬ ▬ ▬	SMOKE BARRIER
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FIRE SEPARATION LEGEND

🟦	1 HOUR RATED FIRE PARTITION
🟥	1 HOUR RATED FIRE BARRIER
🟥	2 HOUR RATED FIRE BARRIER
🟧	2 HOUR RATED FIRE WALL

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ADDITION CONSTRUCTION:	1959
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 6,600 SF GROSS
ADDITION CONSTRUCTION:	UNKNOWN (+/-1977-1984)
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 5,200 SF GROSS
SECOND FLOOR AREA:	+/-10,750 SF GROSS
ADDITION CONSTRUCTION:	1984
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 10,335 SF GROSS
ADDITION CONSTRUCTION:	1994
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	+/- 18,880 SF GROSS
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CLASSIFICATION OF WORK:

▨	LEVEL 1 ALTERATION
⬜	LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
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BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
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KITCHENS, COMMERCIAL	200 GROSS
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STAGES AND PLATFORMS	15 NET

FIRE AREA MODIFICATIONS (NYS SECTION 506)

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P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$	$A_a = A_t+(NS \times I_f)$
$I_f = [2{,}446/2{,}446 - 0.25]\ W/30$	$A_a = 14{,}500 + (14{,}500 \times 0.75)$
$I_f = [1-0.25]\ 30/30$	$A_a = 14{,}500+(10{,}875)$
$I_f = [0.75]\ 1$	$A_a = 25{,}375$ sq ft
$I_f = 0.75$	

CODE NOTES

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SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

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A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

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WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Checked By:	DM
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CSArch Proj. #:	228-2401.03
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Sheet Title

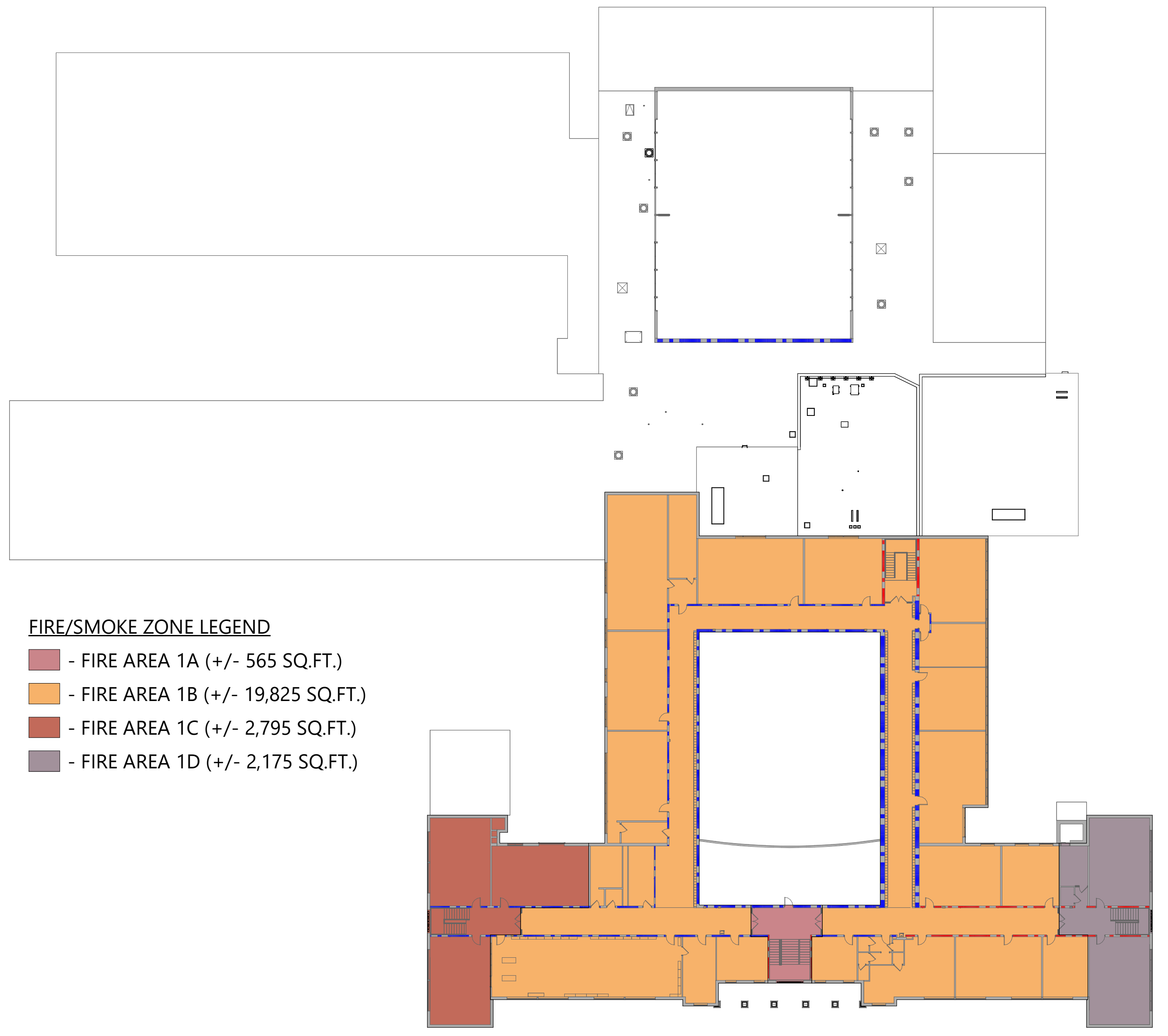
SECOND FLOOR LIFE SAFETY PLAN - OVERALL

Sheet No.

WMS LS121

CONSTRUCTION DOCUMENTS

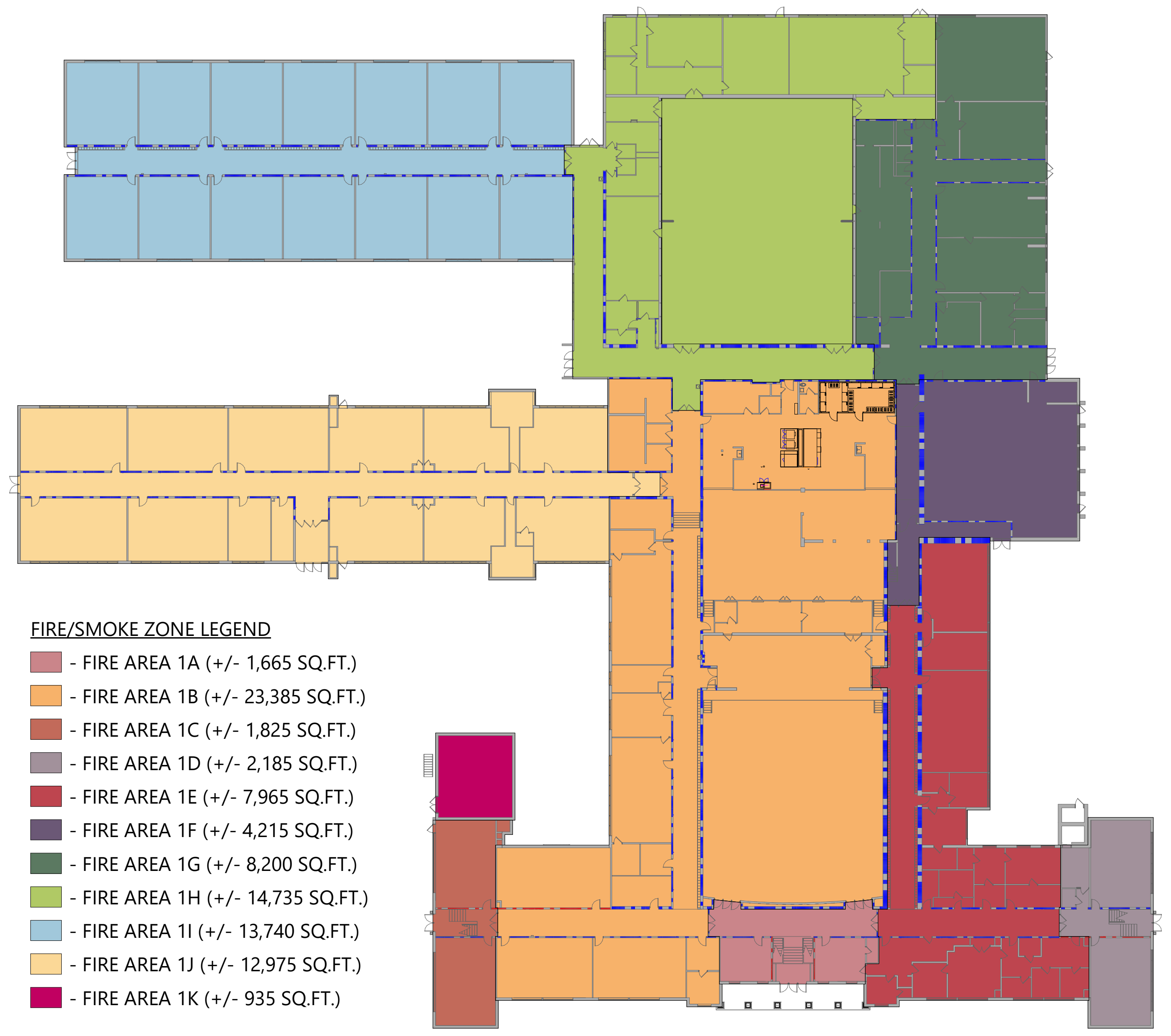
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



FIRE/SMOKE ZONE LEGEND

- 🟥 - FIRE AREA 1A (+/- 565 SQ.FT.)
- 🟧 - FIRE AREA 1B (+/- 19,825 SQ.FT.)
- 🟥 - FIRE AREA 1C (+/- 2,795 SQ.FT.)
- 🟪 - FIRE AREA 1D (+/- 2,175 SQ.FT.)

2 SECOND FLOOR - OVERALL - FIRE/SMOKE ZONE PLAN
LS501 1" = 40'-0"



FIRE/SMOKE ZONE LEGEND

- 🟥 - FIRE AREA 1A (+/- 1,665 SQ.FT.)
- 🟧 - FIRE AREA 1B (+/- 23,385 SQ.FT.)
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- 🟪 - FIRE AREA 1D (+/- 2,185 SQ.FT.)
- 🟥 - FIRE AREA 1E (+/- 7,965 SQ.FT.)
- 🟪 - FIRE AREA 1F (+/- 4,215 SQ.FT.)
- 🟩 - FIRE AREA 1G (+/- 8,200 SQ.FT.)
- 🟩 - FIRE AREA 1H (+/- 14,735 SQ.FT.)
- 🟦 - FIRE AREA 1I (+/- 13,740 SQ.FT.)
- 🟨 - FIRE AREA 1J (+/- 12,975 SQ.FT.)
- 🟥 - FIRE AREA 1K (+/- 935 SQ.FT.)

1 FIRST FLOOR - OVERALL - FIRE/SMOKE ZONE PLAN
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LIFE SAFETY PLAN LEGEND

P▷	PRIMARY EXIT
S▷	SECONDARY EXIT
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▬ ▬ ▬ ▬	SMOKE BARRIER
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FIRE SEPARATION LEGEND

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P	PERIMETER OF ENTIRE BUILDING (FEET)

$$I_f = [F/P - 0.25]W/30$$
$$I_f = [2{,}446/2{,}446 - 0.25]\ W/30$$
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2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

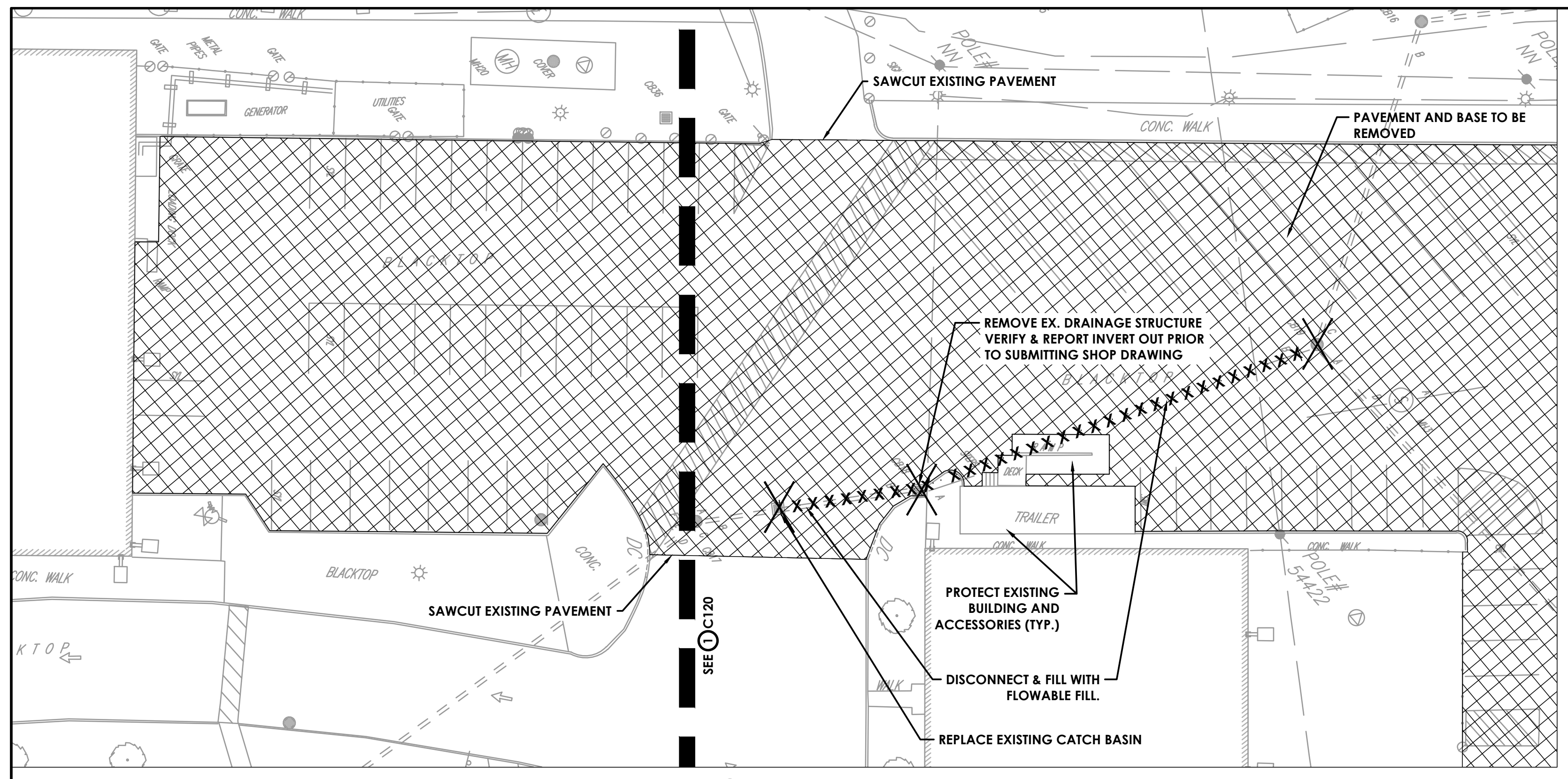
Drawn By:	SI/KS/CM
Checked By:	DM
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
LIFE SAFETY DIAGRAMS

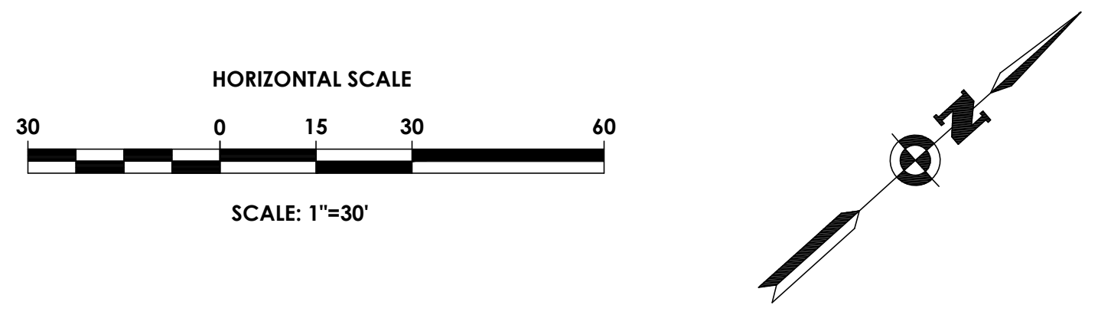
Sheet No.
WMS LS501

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt


SAWCUT EXISTING PAVEMENT
PAVEMENT AND BASE TO BE REMOVED
REMOVE EX. DRAINAGE STRUCTURE VERIFY & REPORT INVERT OUT PRIOR TO SUBMITTING SHOP DRAWING
TRAILER
SAWCUT EXISTING PAVEMENT
PROTECT EXISTING BUILDING AND ACCESSORIES (TYP.)
DISCONNECT & FILL WITH FLOWABLE FILL.
REPLACE EXISTING CATCH BASIN
SEE 1 C120
BLACKTOP
CONC. WALK

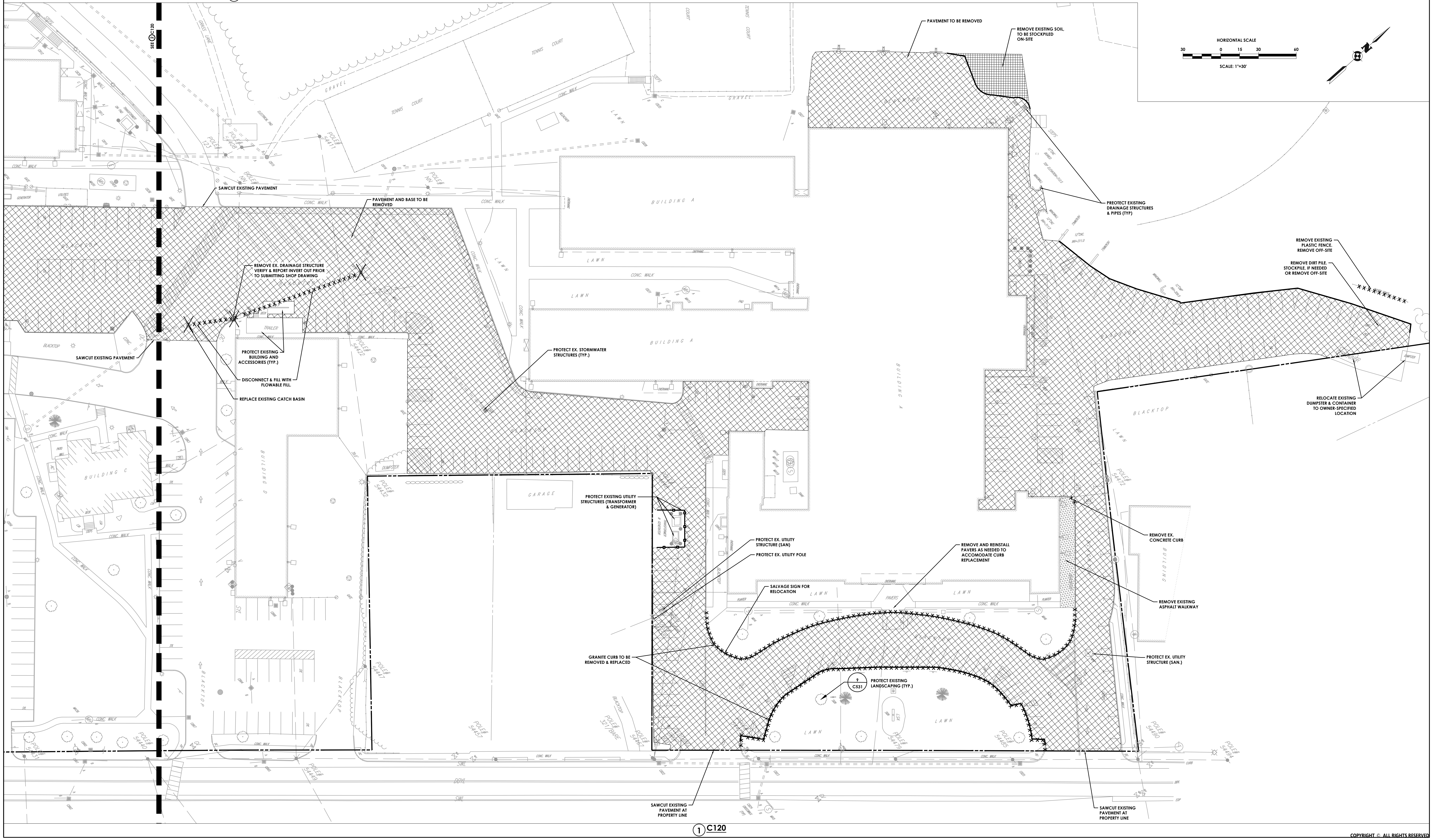
2 C120



NOTES:
1) CONTRACTOR SHALL SALVAGE EXISTING GRANITE CURB AND STORE ON-SITE TO PREVENT DAMAGE. OWNER'S REPRESENTATIVE SHALL VERIFY CONDITION OF SALVAGED GRANITE CURB PRIOR TO RE-INSTALLATION . SET SALVAGE AND/OR NEW GRANITE CURB IN ACCORDANCE WITH DETAIL 3A, SHEET C530.
2) REPORT ANY PIPE INTRUSIONS NOT DEPICTED ON THE SURVEY BASE MAPPING TO THE PROJECT ENGINEER PRIOR TO BACKFILLING.

LEGEND - DEMOLITION:

━━ ‒ ‒ ━━	PROPERTY BOUNDARY
▨	EXISTING BUILDING
╳	EXISTING FEATURE TO BE REMOVED
X X X X X X X X X	EXISTING FEATURE/ITEM TO BE REMOVED
▨	EXISTING ASPHALT (& BASE) TO BE REMOVED
▨	EXISTING ASPHALT SIDEWALK TO BE REMOVED
▦	EXISTING UNIT PAVERS TO BE REMOVED
— — — —	SAWCUT EDGE OF PAVEMENT
⌒⌒⌒⌒⌒	EXISTING TREE/BRUSH LINE


SEE 2 C120
PAVEMENT TO BE REMOVED
REMOVE EXISTING SOIL, TO BE STOCKPILED ON-SITE
HORIZONTAL SCALE
30
0
15
30
60
SCALE: 1"=30'
N
PREOTECT EXISTING DRAINAGE STRUCTURES & PIPES (TYP)
REMOVE EXISTING PLASTIC FENCE. REMOVE OFF-SITE
REMOVE DIRT PILE. STOCKPILE, IF NEEDED OR REMOVE OFF-SITE
RELOCATE EXISTING DUMPSTER & CONTAINER TO OWNER-SPECIFIED LOCATION
SAWCUT EXISTING PAVEMENT
PAVEMENT AND BASE TO BE REMOVED
REMOVE EX. DRAINAGE STRUCTURE VERIFY & REPORT INVERT OUT PRIOR TO SUBMITTING SHOP DRAWING
SAWCUT EXISTING PAVEMENT
PROTECT EXISTING BUILDING AND ACCESSORIES (TYP.)
DISCONNECT & FILL WITH FLOWABLE FILL.
REPLACE EXISTING CATCH BASIN
PROTECT EX. STORMWATER STRUCTURES (TYP.)
PROTECT EXISTING UTILITY STRUCTURES (TRANSFORMER & GENERATOR)
PROTECT EX. UTILITY STRUCTURE (SAN)
PROTECT EX. UTILITY POLE
SALVAGE SIGN FOR RELOCATION
REMOVE AND REINSTALL PAVERS AS NEEDED TO ACCOMODATE CURB REPLACEMENT
REMOVE EX. CONCRETE CURB
REMOVE EXISTING ASPHALT WALKWAY
PROTECT EX. UTILITY STRUCTURE (SAN.)
GRANITE CURB TO BE REMOVED & REPLACED
9 C531
PROTECT EXISTING LANDSCAPING (TYP.)
SAWCUT EXISTING PAVEMENT AT PROPERTY LINE
SAWCUT EXISTING PAVEMENT AT PROPERTY LINE
BUILDING A
BUILDING C
BUILDING D
GARAGE
TENNIS COURT
TRAILER
DUMPSTER
BLACKTOP
LAWN
CONC. WALK
GRAVEL
PAVERS

1 C120

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
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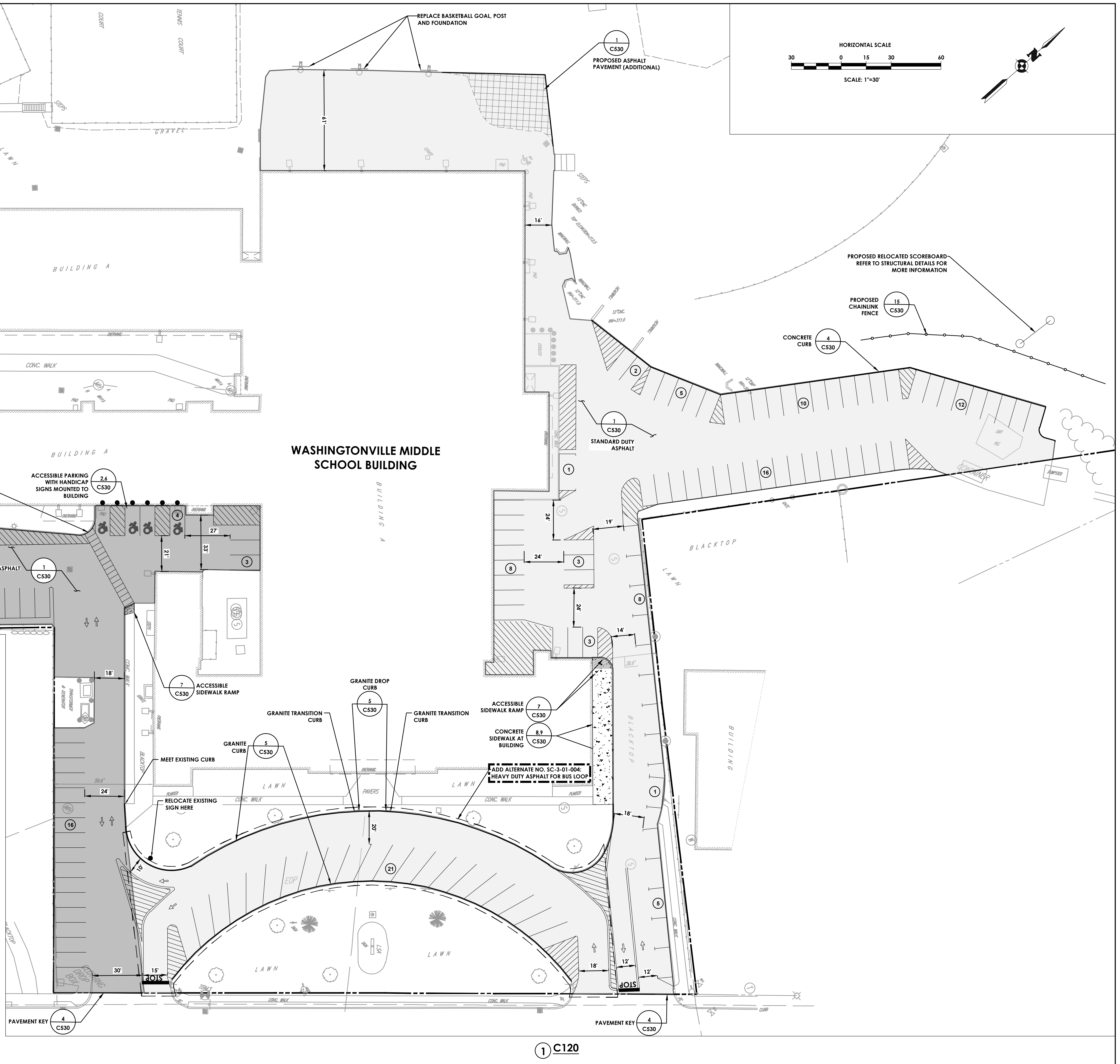
Sheet Title

DEMOLITION PLAN

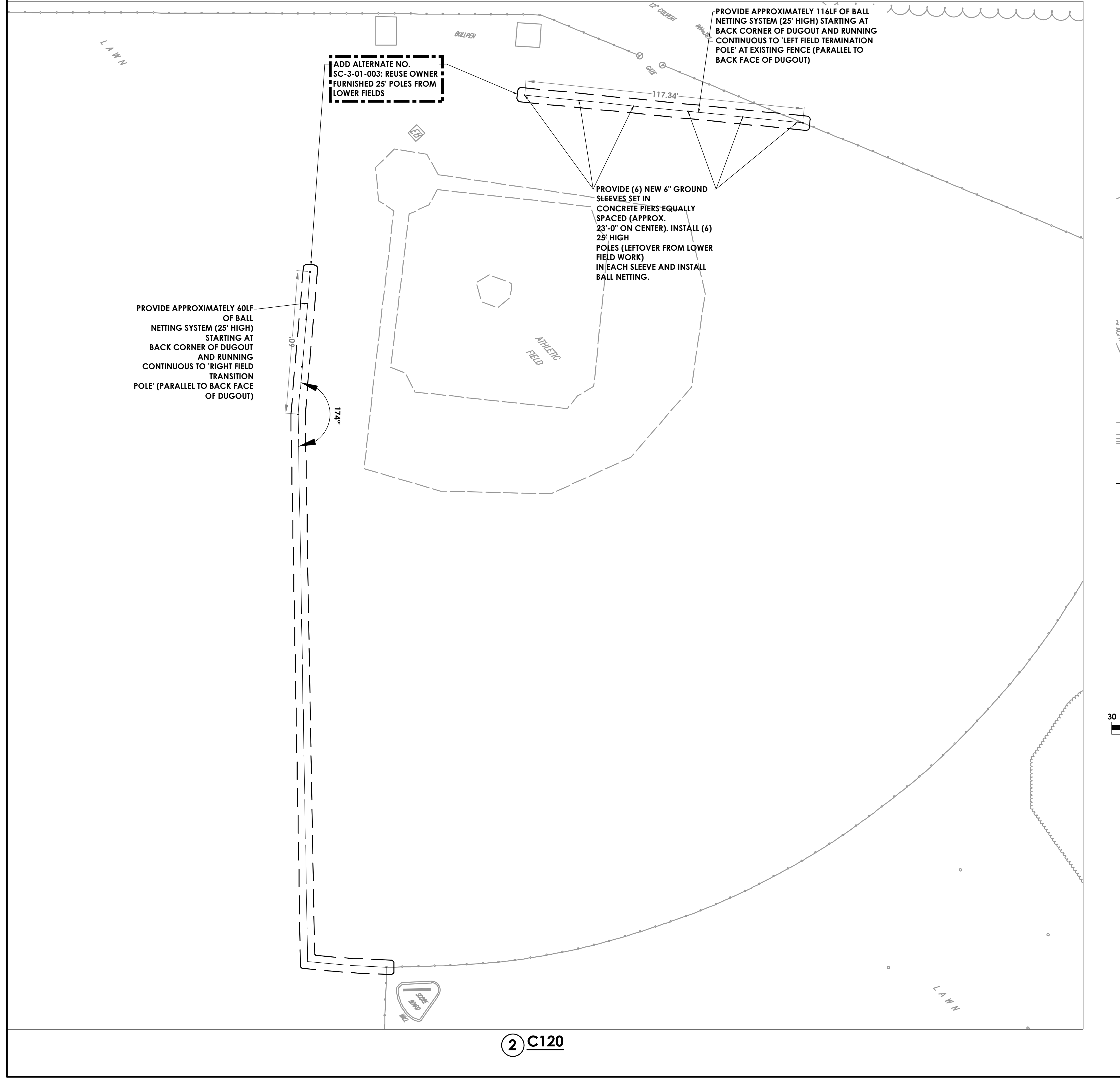
Sheet No.

WMS C120

CONSTRUCTION DOCUMENTS

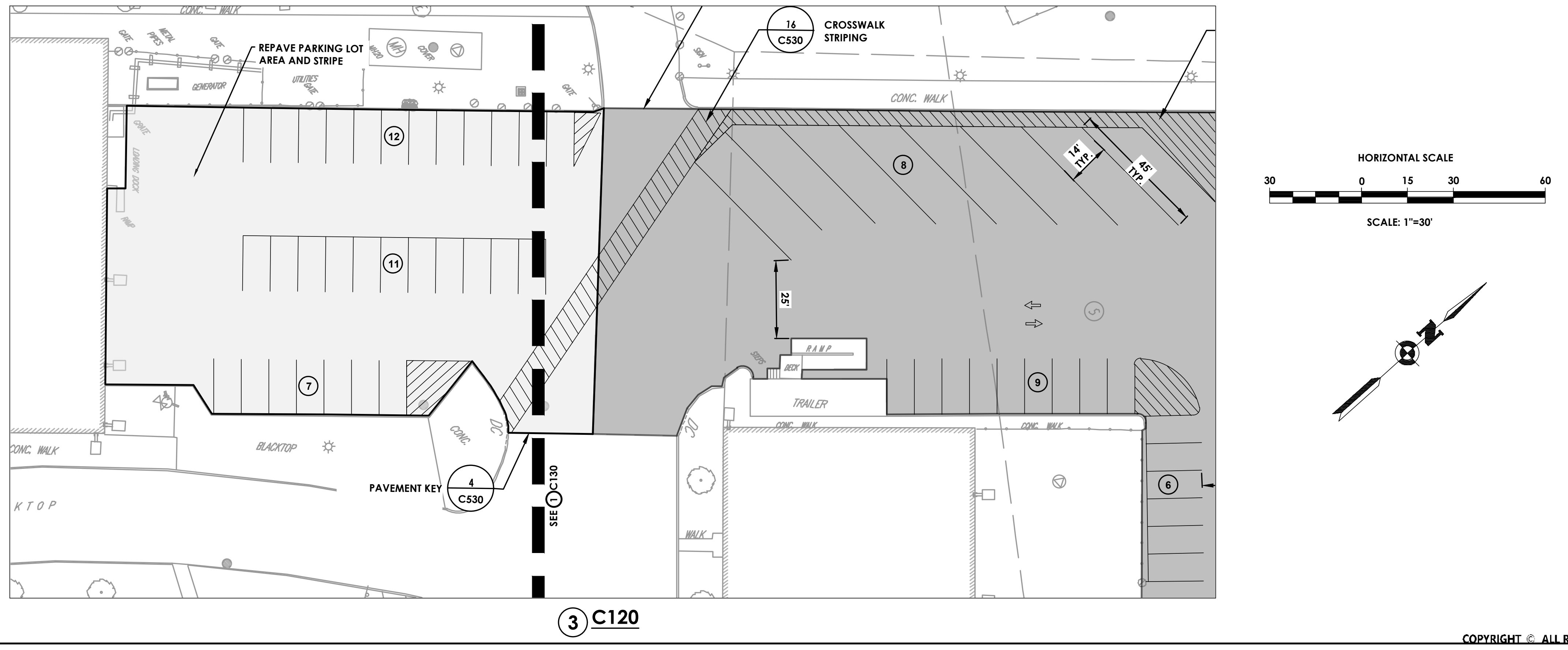

SEE C130
SEE MIDDLE SCHOOL PLAN SET (WHS) FOR IMPROVEMENTS WITHIN THIS AREA.
4 C530 PAVEMENT KEY
16 C530 CROSSWALK STRIPING
2 C530 PARKING PAVEMENT MARKING (TYP)
REPAVE PARKING LOT AREA AND STRIPE
14' TYP.
45' TYP.
25'
24'
26'
TRAILER
RAMP
4 C530 PAVEMENT KEY
CROSSWALK STRIPING 16 C530
ACCESSIBLE PARKING WITH HANDICAP SIGNS MOUNTED TO BUILDING 2,6 C530
HEAVY DUTY ASPHALT 1 C530
27'
33'
21'
18'
24'
7 C530 ACCESSIBLE SIDEWALK RAMP
MEET EXISTING CURB
RELOCATE EXISTING SIGN HERE
GRANITE CURB 5 C530
GRANITE TRANSITION CURB
GRANITE DROP CURB 5 C530
GRANITE TRANSITION CURB
ACCESSIBLE SIDEWALK RAMP 7 C530
CONCRETE SIDEWALK AT BUILDING 8,9 C530
ADD ALTERNATE NO. SC-3-01-004: HEAVY DUTY ASPHALT FOR BUS LOOP
20'
10'
30'
15'
STOP
18'
12'
12'
14'
18'
24'
19'
16'
61'
WASHINGTONVILLE MIDDLE SCHOOL BUILDING
REPLACE BASKETBALL GOAL, POST AND FOUNDATION
1 C530 PROPOSED ASPHALT PAVEMENT (ADDITIONAL)
HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'
PROPOSED RELOCATED SCOREBOARD REFER TO STRUCTURAL DETAILS FOR MORE INFORMATION
PROPOSED CHAINLINK FENCE 15 C530
CONCRETE CURB 4 C530
1 C530 STANDARD DUTY ASPHALT
4 C530 PAVEMENT KEY
PAVEMENT KEY 4 C530
BUILDING A
TENNIS COURT
CONC. WALK
LAWN
BLACKTOP
1 2 3 4 5 6 7 8 9 10 11 12 16 19 21

1 C120


ADD ALTERNATE NO. SC-3-01-003: REUSE OWNER FURNISHED 25' POLES FROM LOWER FIELDS
PROVIDE APPROXIMATELY 116LF OF BALL NETTING SYSTEM (25' HIGH) STARTING AT BACK CORNER OF DUGOUT AND RUNNING CONTINUOUS TO 'LEFT FIELD TERMINATION POLE' AT EXISTING FENCE (PARALLEL TO BACK FACE OF DUGOUT)
117.34'
PROVIDE (6) NEW 6" GROUND SLEEVES SET IN CONCRETE PIERS EQUALLY SPACED (APPROX. 23'-0" ON CENTER). INSTALL (6) 25' HIGH POLES (LEFTOVER FROM LOWER FIELD WORK) IN EACH SLEEVE AND INSTALL BALL NETTING.
PROVIDE APPROXIMATELY 60LF OF BALL NETTING SYSTEM (25' HIGH) STARTING AT BACK CORNER OF DUGOUT AND RUNNING CONTINUOUS TO 'RIGHT FIELD TRANSITION POLE' (PARALLEL TO BACK FACE OF DUGOUT)
60'
174°
ATHLETIC FIELD
BULLPEN
LAWN

2 C120

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'



3 C120

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WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
Chris LaPorta
EXPIRES: 09/30/28

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Checked By:	RV
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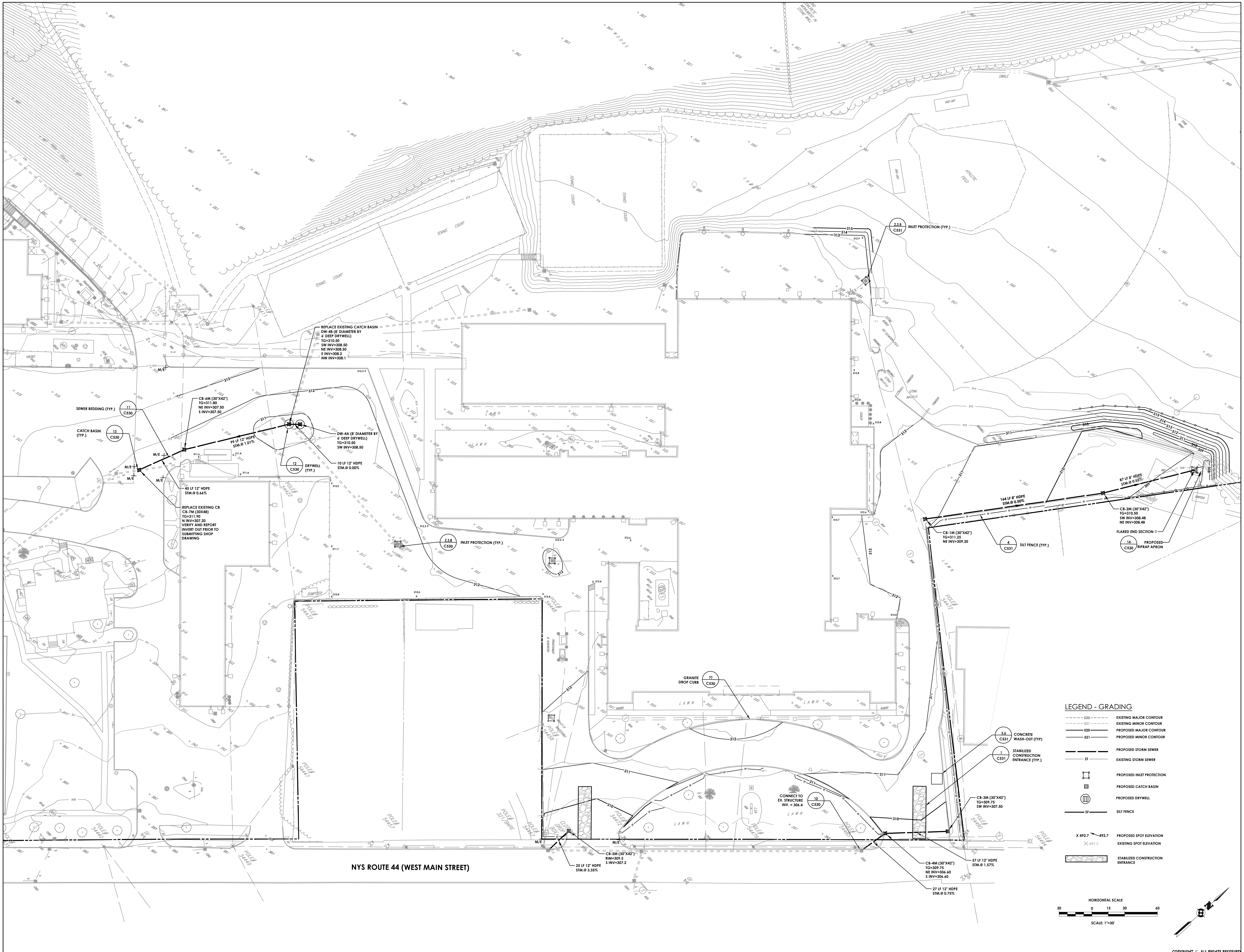
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
SITE PLAN

Sheet No.
WMS
C130

CONSTRUCTION DOCUMENTS



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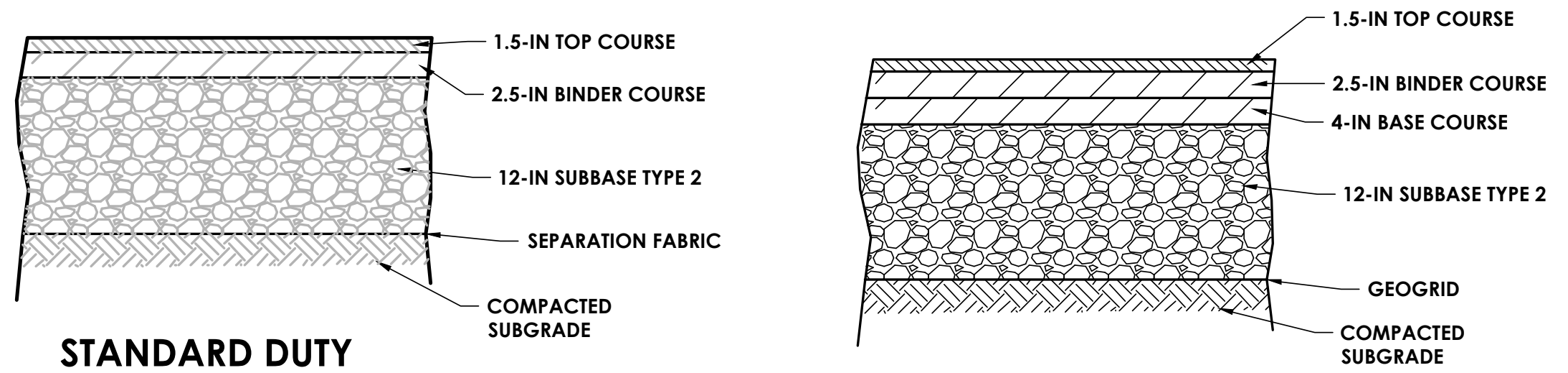
Sheet Title

GRADING, DRAINAGE & EROSION & SEDIMENT CONTROL PLAN

Sheet No.

WMS C140

CONSTRUCTION DOCUMENTS



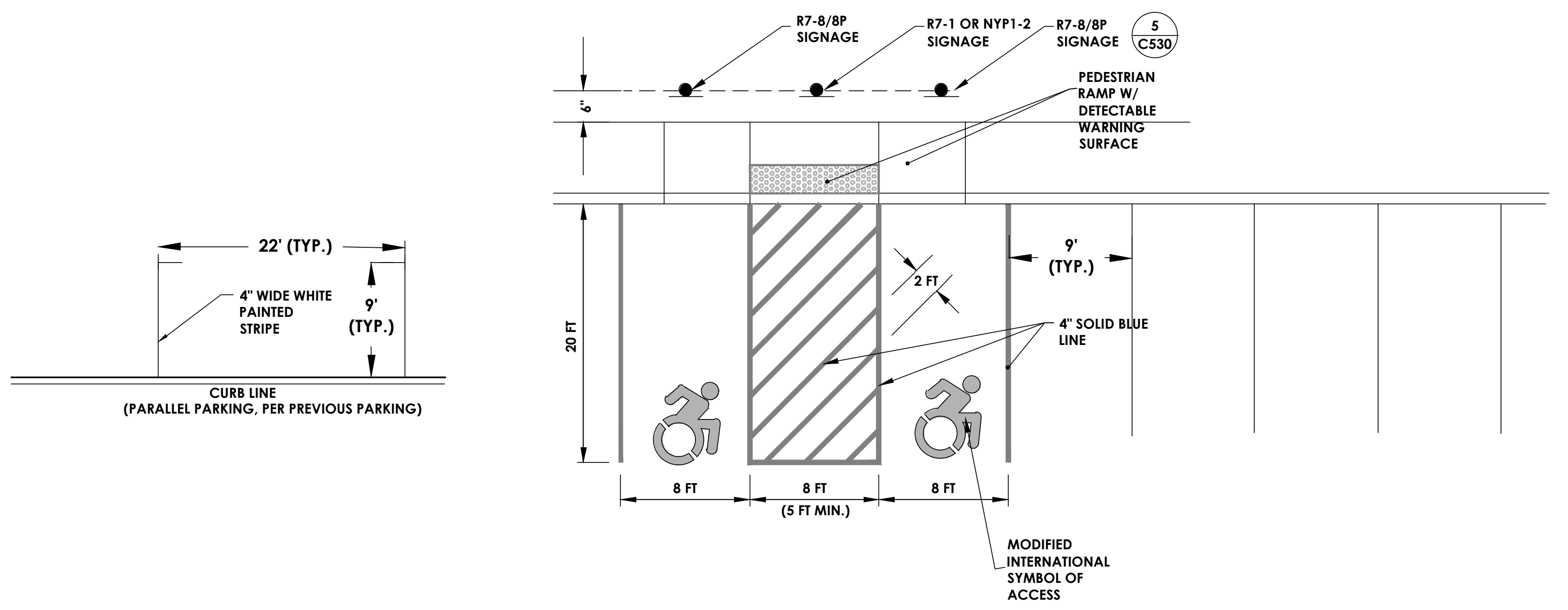
STANDARD DUTY SECTION

HEAVY DUTY SECTION

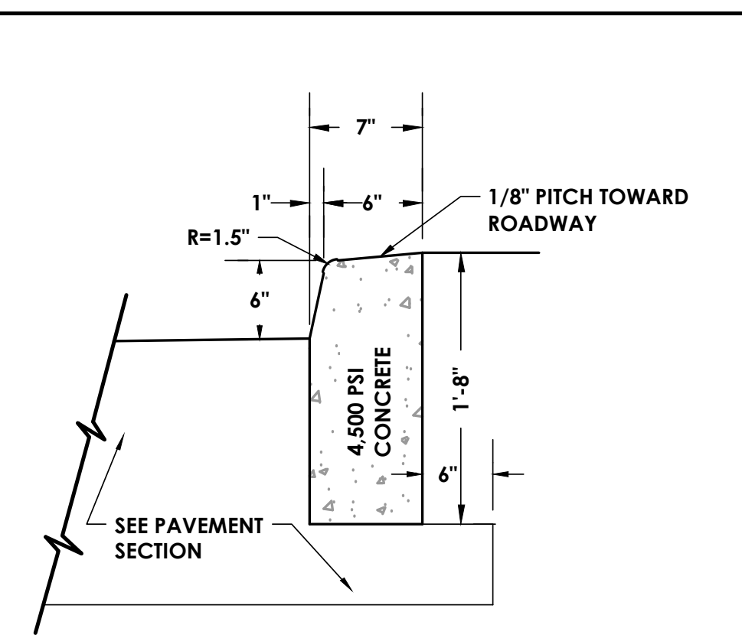
NOTES:

1. ALL DEPTHS ARE COMPACTED THICKNESS.
2. MAXIMUM LIFT THICKNESS= 6 INCHES
3. ALL MATERIALS SHALL BE AS SPECIFIED OR APPROVED EQUAL.
4. BINDER COURSE SHALL BE SWEPT CLEAR TO REMOVE ANY LOOSE MATERIAL PRIOR TO PLACING TOP COAT. IF TOP COURSE IS NOT PLACED WITHIN TWENTY FOUR HOURS OF BINDER PLACEMENT, A TACK COAT SHALL BE APPLIED TO CLEAN SURFACE PRIOR TO PLACEMENT OF TOP COURSE.

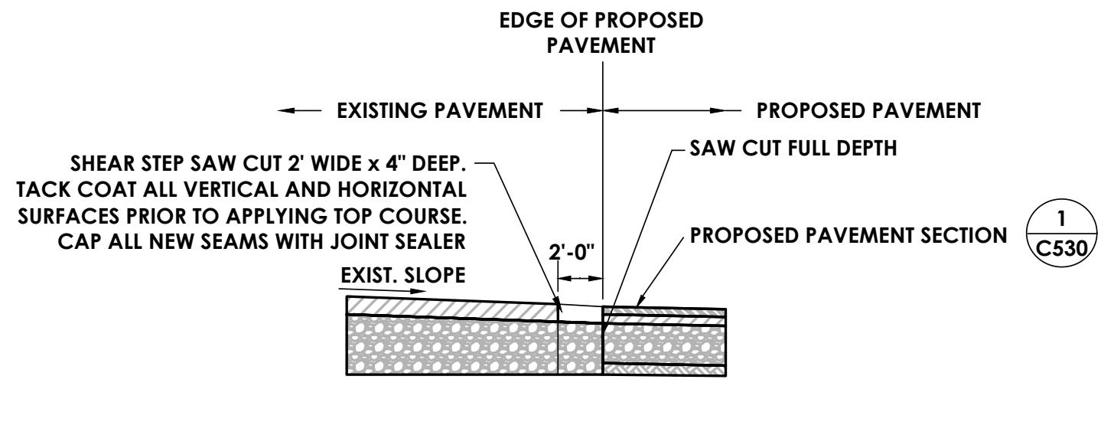
① PAVEMENT SECTIONS
N.T.S.


R7-8/8P SIGNAGE
R7-1 OR NYP1-2 SIGNAGE
R7-8/8P SIGNAGE
5 C530
PEDESTRIAN RAMP W/ DETECTABLE WARNING SURFACE
22' (TYP.)
4" WIDE WHITE PAINTED STRIPE
9' (TYP.)
CURB LINE (PARALLEL PARKING, PER PREVIOUS PARKING)
20 FT
2 FT
9' (TYP.)
4" SOLID BLUE LINE
8 FT
8 FT
(5 FT MIN.)
8 FT
MODIFIED INTERNATIONAL SYMBOL OF ACCESS

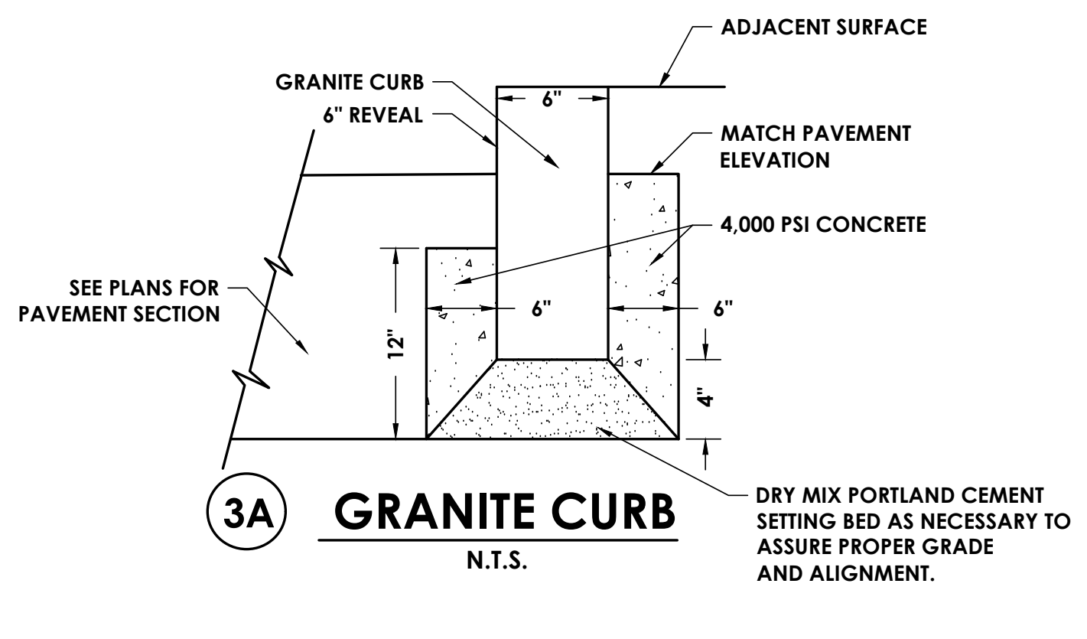
② TYPICAL PAVEMENT MARKING DETAIL AND LAYOUTS
N.T.S.



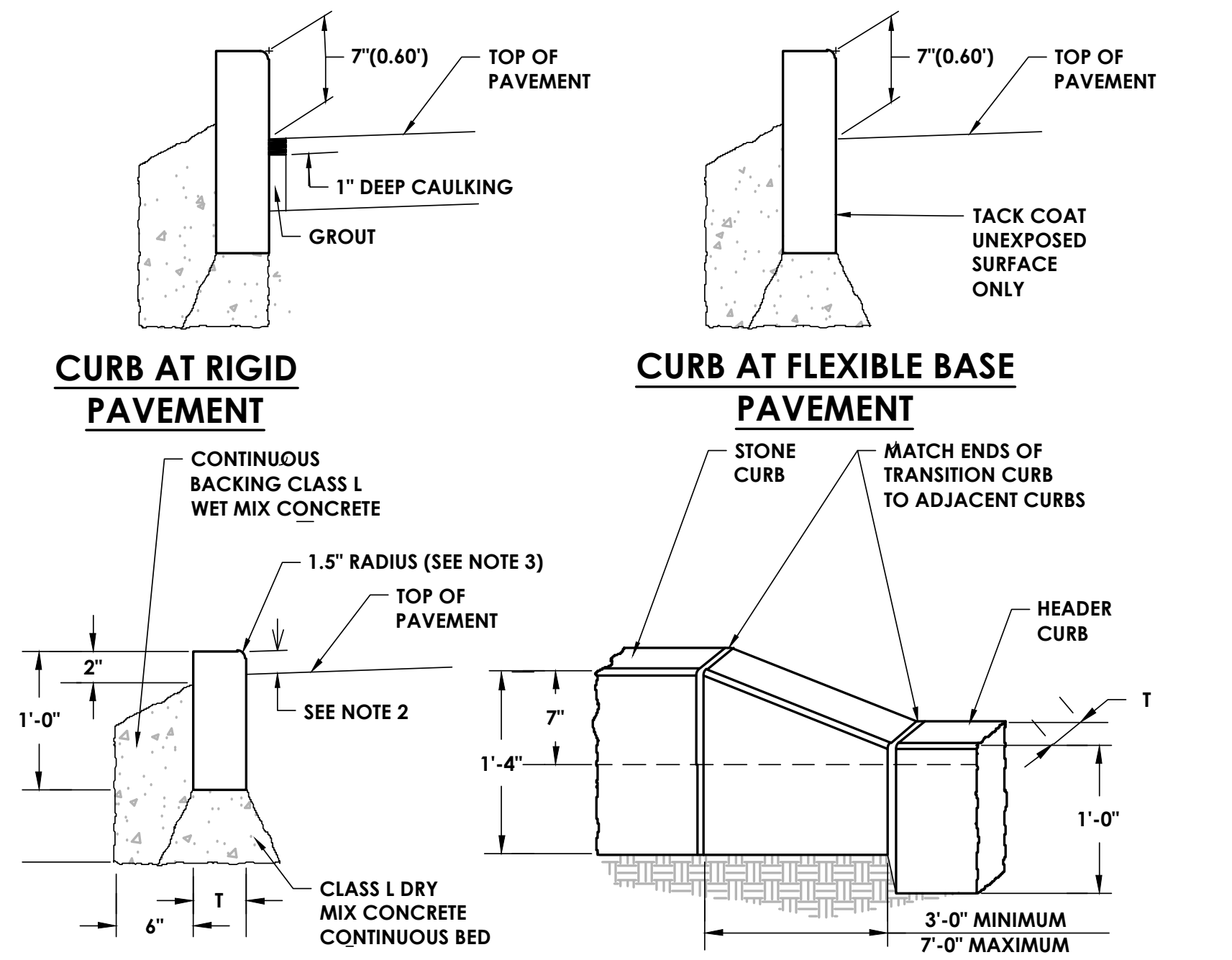
③ CONCRETE CURB
N.T.S.


EDGE OF PROPOSED PAVEMENT
EXISTING PAVEMENT
PROPOSED PAVEMENT
SHEAR STEP SAW CUT 2' WIDE x 4" DEEP. TACK COAT ALL VERTICAL AND HORIZONTAL SURFACES PRIOR TO APPLYING TOP COURSE. CAP ALL NEW SEAMS WITH JOINT SEALER
SAW CUT FULL DEPTH
PROPOSED PAVEMENT SECTION
1 C530
2'-0"
EXIST. SLOPE

④ PAVEMENT KEY DETAIL
N.T.S.


ADJACENT SURFACE
GRANITE CURB
6" REVEAL
6"
MATCH PAVEMENT ELEVATION
4,000 PSI CONCRETE
SEE PLANS FOR PAVEMENT SECTION
12"
6"
6"
4"
DRY MIX PORTLAND CEMENT SETTING BED AS NECESSARY TO ASSURE PROPER GRADE AND ALIGNMENT.

3A GRANITE CURB
N.T.S.



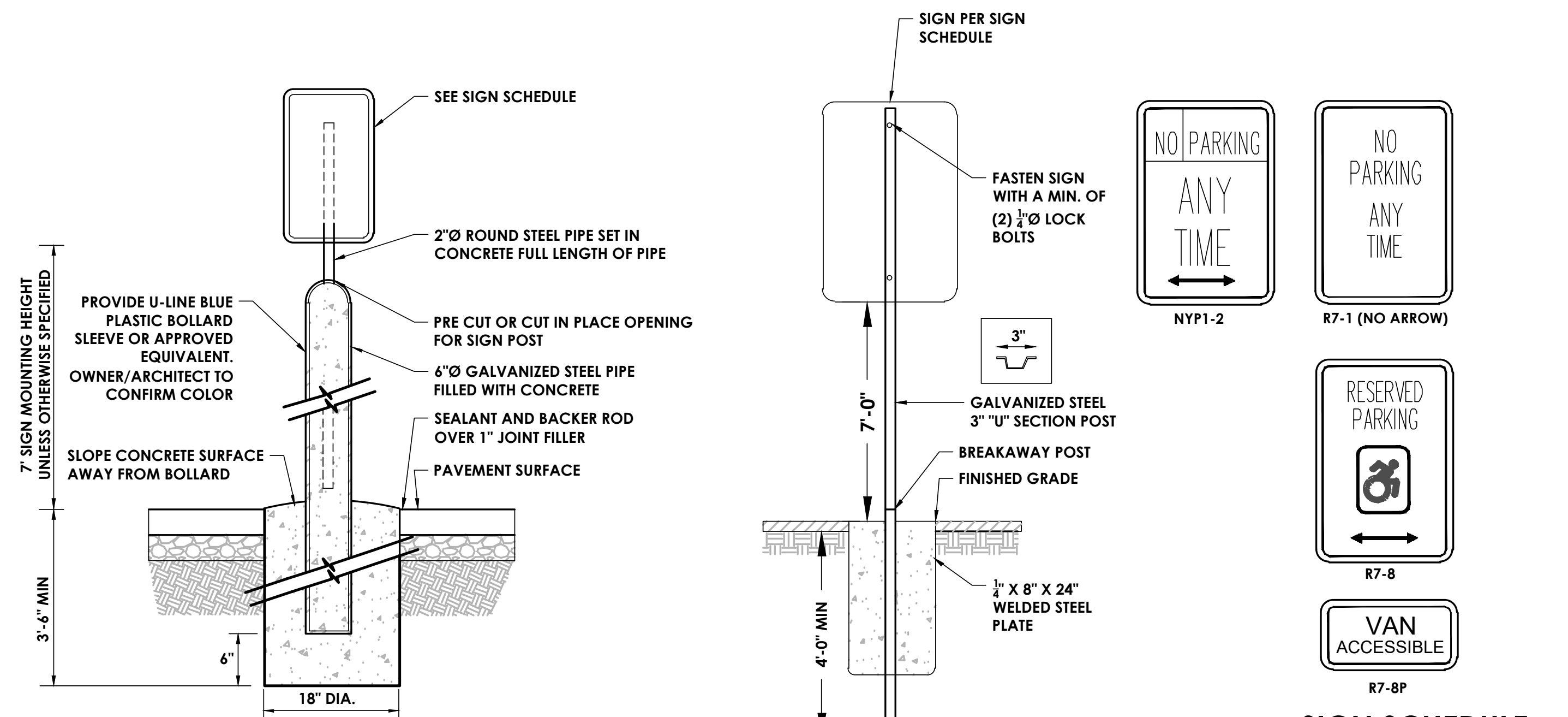
HEADER CURB

TRANSITION CURB

NOTES:

1. CURB THICKNESS T IS TO BE 5" OR AS INDICATED ON THE DRAWINGS.
2. PROVIDE 0" CURB REVEAL FOR HEADER CURB AT SIDEWALK RAMPS AND 1" CURB REVEAL FOR HEADER CURB AT DRIVEWAYS.
3. ALL CURB, EXCEPT HEADER CURB USED FOR THE SIDEWALK ACCESS RAMPS IS TO HAVE THE 1.5" RADIUS.
4. RE-USE GRANITE BLOCKS, IF POSSIBLE, FOR RE-INSTALLATION.

⑤ STONE (GRANITE) CURB
N.T.S.

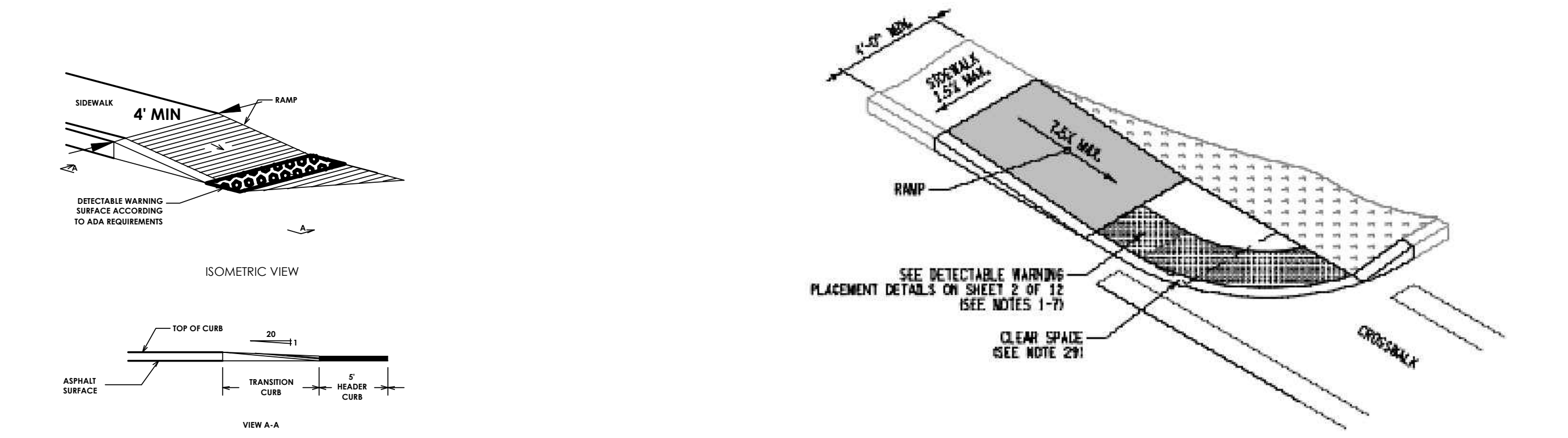

SEE SIGN SCHEDULE
2"Ø ROUND STEEL PIPE SET IN CONCRETE FULL LENGTH OF PIPE
PROVIDE U-LINE BLUE PLASTIC BOLLARD SLEEVE OR APPROVED EQUIVALENT. OWNER/ARCHITECT TO CONFIRM COLOR
PRE CUT OR CUT IN PLACE OPENING FOR SIGN POST
6"Ø GALVANIZED STEEL PIPE FILLED WITH CONCRETE
SEALANT AND BACKER ROD OVER 1" JOINT FILLER
SLOPE CONCRETE SURFACE AWAY FROM BOLLARD
PAVEMENT SURFACE
7' SIGN MOUNTING HEIGHT UNLESS OTHERWISE SPECIFIED
3'-6" MIN
6"
18" DIA.
SIGN PER SIGN SCHEDULE
FASTEN SIGN WITH A MIN. OF (2) ⅜"Ø LOCK BOLTS
3"
7'-0"
GALVANIZED STEEL 3" "U" SECTION POST
BREAKAWAY POST
FINISHED GRADE
4'-0" MIN
⅜" X 8" X 24" WELDED STEEL PLATE
NO PARKING ANY TIME
NYP1-2
NO PARKING ANY TIME
R7-1 (NO ARROW)
RESERVED PARKING
R7-8
VAN ACCESSIBLE
R7-8P

BOLLARD MOUNTED SIGN
N.T.S.
(SIGN IN PARKING LOT OR DRIVE)

SINGLE POST SIGN MOUNTING DETAIL
(SIGN IN LANDSCAPE AREA OR SIDEWALK)

SIGN SCHEDULE

⑥ SIGN & MOUNTING DETAIL WITH SCHEDULE
N.T.S.


SIDEWALK
4" MIN
RAMP
DETECTABLE WARNING SURFACE ACCORDING TO ADA REQUIREMENTS
ISOMETRIC VIEW
TOP OF CURB
20
1
ASPHALT SURFACE
TRANSITION CURB
5' HEADER CURB
VIEW A-A
RAMP
SEE DETECTABLE WARNING PLACEMENT DETAILS ON SHEET 2 OF 12 (SEE NOTES 1-7)
CLEAR SPACE (SEE NOTE 29)
CROSSWALK

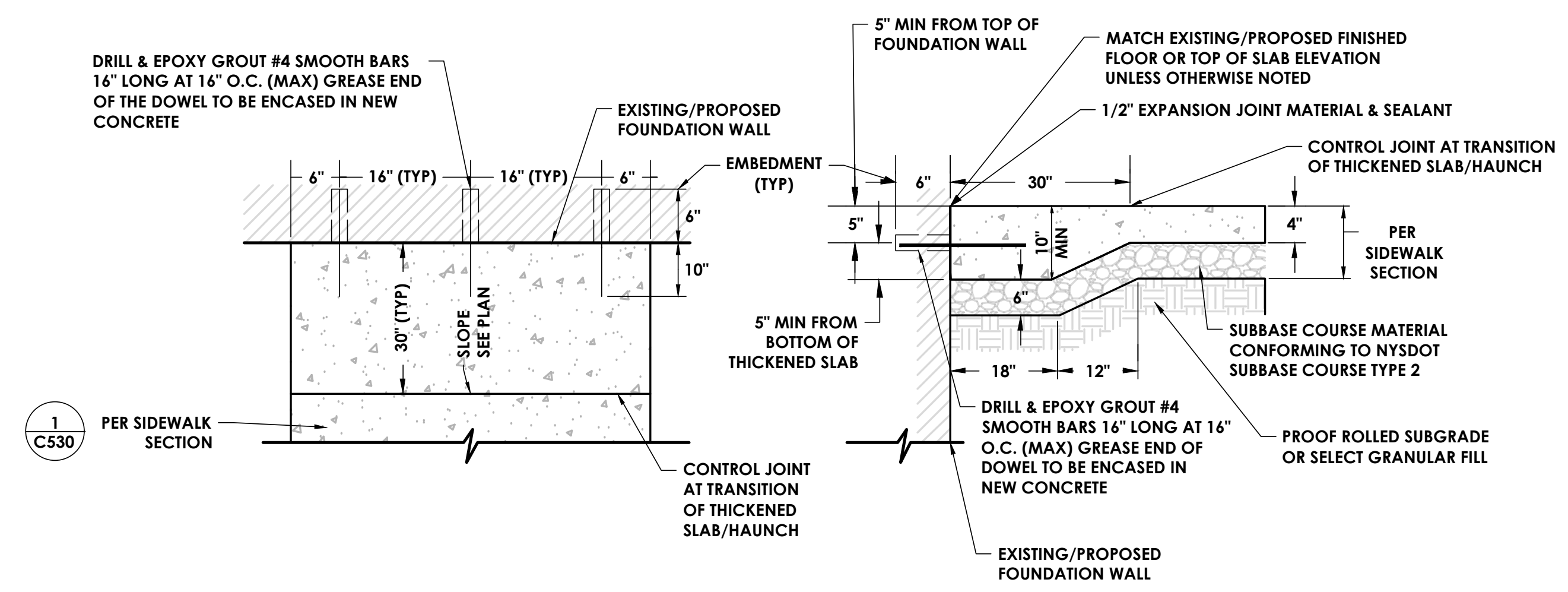
NOTES:

1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. DETECTABLE WARNING SURFACE SHALL BE A MINIMUM OF 2 FEET IN THE DIRECTION OF TRAVEL, AND THE FULL WIDTH OF THE CROSSING UNLESS OTHERWISE SPECIFIED. COLOR AND MATERIAL TO BE SELECTED BY OWNER.

NOTES:

1.) TYPE 1 RAMPS MAY BE PROVIDED IN BOTH DIRECTIONS
2.) AT CONCRETE CURB, ROUND EDGE OF CURB WITH A RADIUS APPROX. EQUAL TO HEIGHT OF LIP RAMPS.
3.) MAXIMUM 7.5% SLOPE

⑦ SIDEWALK RAMP DETAIL
N.T.S.


DRILL & EPOXY GROUT #4 SMOOTH BARS 16" LONG AT 16" O.C. (MAX) GREASE END OF THE DOWEL TO BE ENCASED IN NEW CONCRETE
EXISTING/PROPOSED FOUNDATION WALL
6"
16" (TYP)
16" (TYP)
6"
30" (TYP)
SLOPE SEE PLAN
1 C530
PER SIDEWALK SECTION
CONTROL JOINT AT TRANSITION OF THICKENED SLAB/HAUNCH
5" MIN FROM TOP OF FOUNDATION WALL
MATCH EXISTING/PROPOSED FINISHED FLOOR OR TOP OF SLAB ELEVATION UNLESS OTHERWISE NOTED
1/2" EXPANSION JOINT MATERIAL & SEALANT
CONTROL JOINT AT TRANSITION OF THICKENED SLAB/HAUNCH
EMBEDMENT (TYP)
PER SIDEWALK SECTION
5" MIN FROM BOTTOM OF THICKENED SLAB
18"
12"
SUBBASE COURSE MATERIAL CONFORMING TO NYSDOT SUBBASE COURSE TYPE 2
DRILL & EPOXY GROUT #4 SMOOTH BARS 16" LONG AT 16" O.C. (MAX) GREASE END OF DOWEL TO BE ENCASED IN NEW CONCRETE
PROOF ROLLED SUBGRADE OR SELECT GRANULAR FILL
EXISTING/PROPOSED FOUNDATION WALL

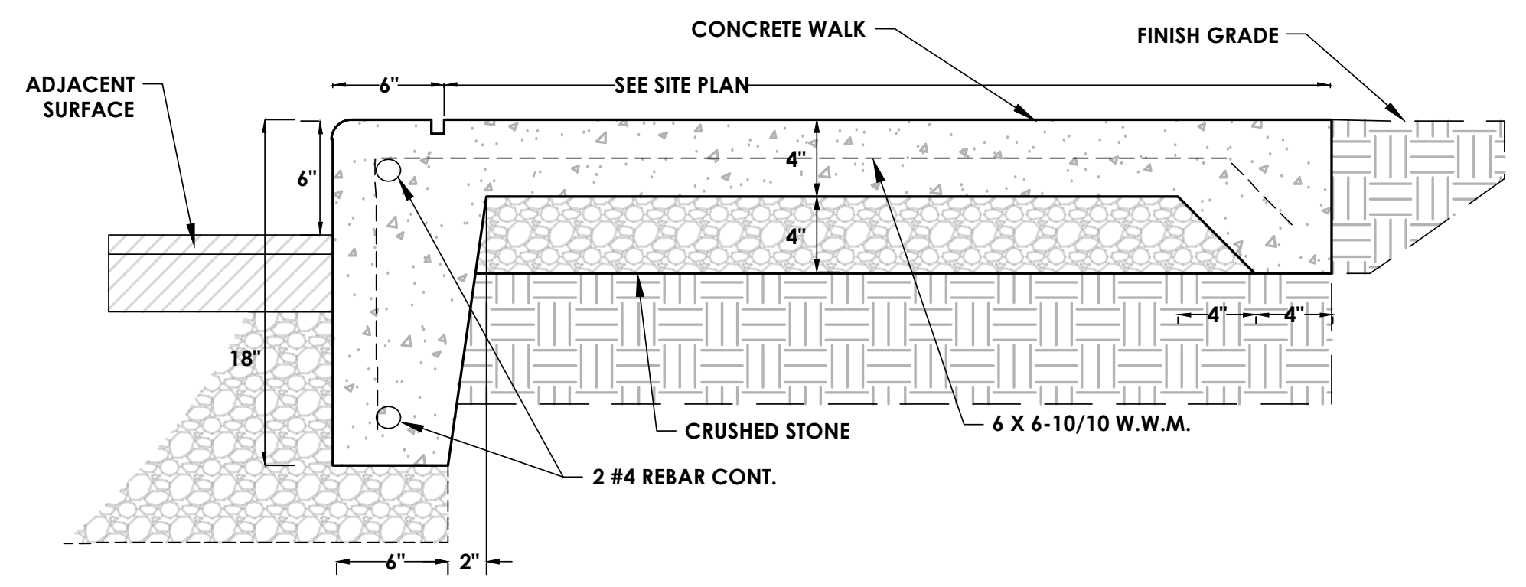
PLAN

SECTION

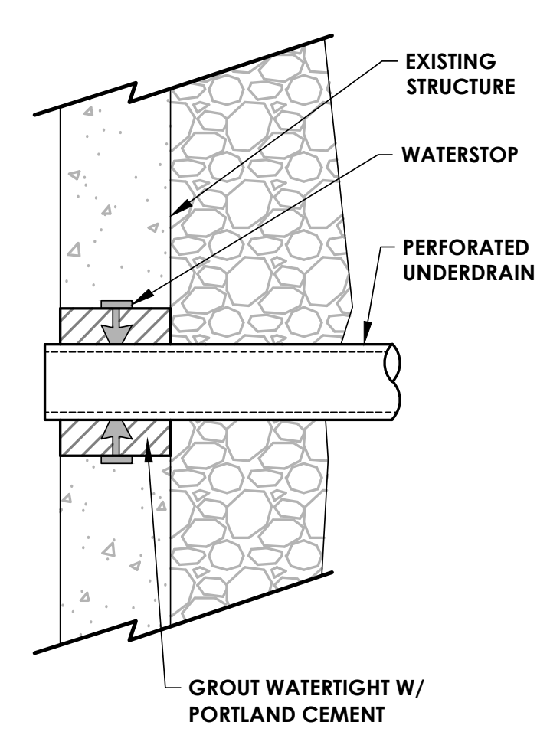
⑧ CONCRETE SIDEWALK AT BUILDING ENTRANCES
N.T.S.

NOTES:

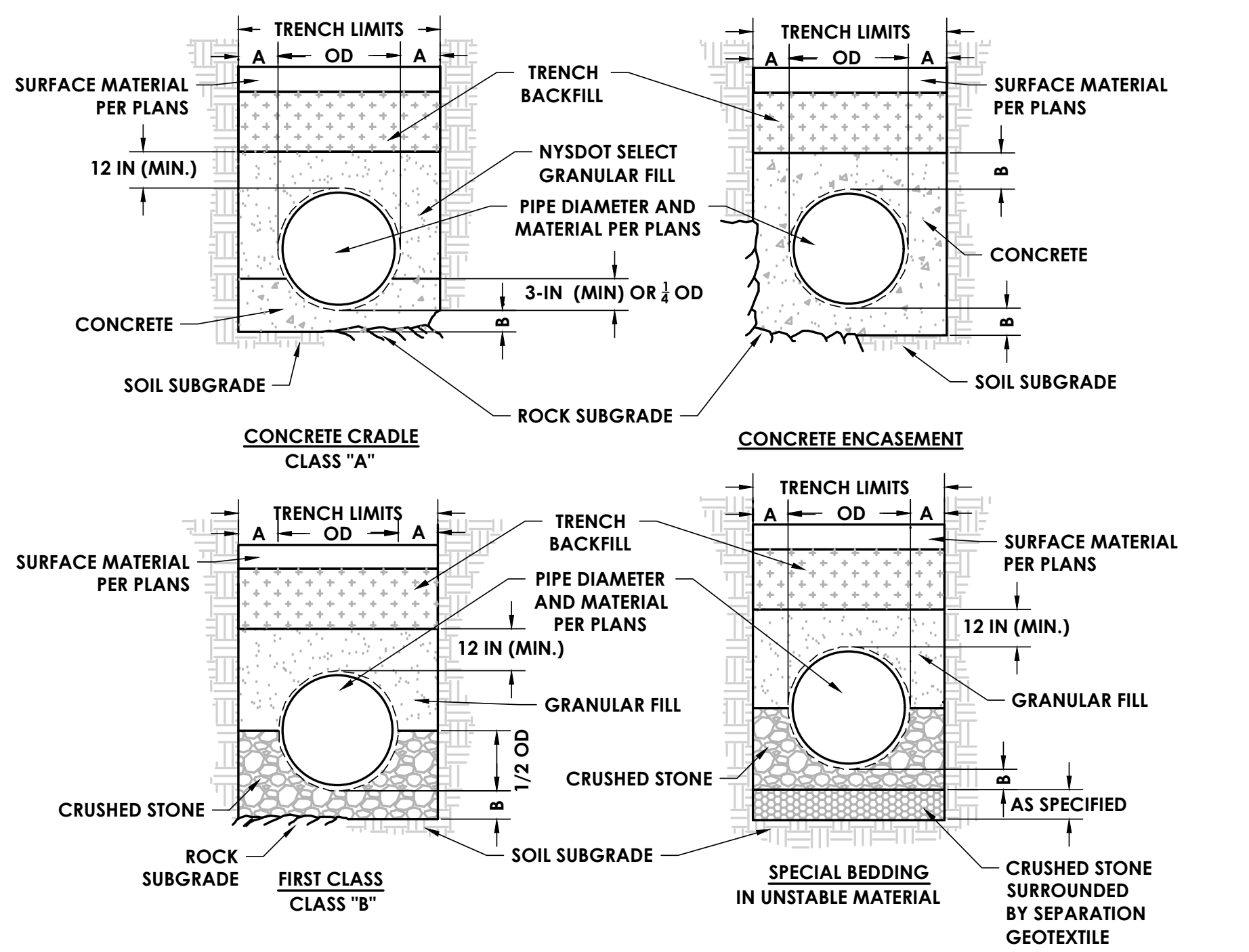
1. THICKENED (HAUNCH) & ADDITIONALLY REINFORCED CONCRETE SIDEWALK ENDS ARE REQUIRED AT ALL EXISTING/PROPOSED BUILDING ENTRANCES
2. SEE CONCRETE SIDEWALK DETAIL FOR ADDITIONAL DETAILS & NOTES



⑨ CONCRETE CURB WITH INTEGRAL SIDEWALK
N.T.S.



⑩ CONNECTION TO EXISTING STRUCTURE DETAIL
N.T.S.


TRENCH LIMITS
A
OD
A
SURFACE MATERIAL PER PLANS
TRENCH BACKFILL
12 IN (MIN.)
NYSDOT SELECT GRANULAR FILL
PIPE DIAMETER AND MATERIAL PER PLANS
CONCRETE
3-IN (MIN) OR ¼ OD
SOIL SUBGRADE
ROCK SUBGRADE
CONCRETE CRADLE CLASS "A"
CONCRETE ENCASEMENT
SURFACE MATERIAL PER PLANS
CONCRETE
SOIL SUBGRADE
PIPE DIAMETER AND MATERIAL PER PLANS
12 IN (MIN.)
GRANULAR FILL
1/2 OD
B
CRUSHED STONE
ROCK SUBGRADE
FIRST CLASS CLASS "B"
CRUSHED STONE
AS SPECIFIED
SPECIAL BEDDING IN UNSTABLE MATERIAL
CRUSHED STONE SURROUNDED BY SEPARATION GEOTEXTILE

PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

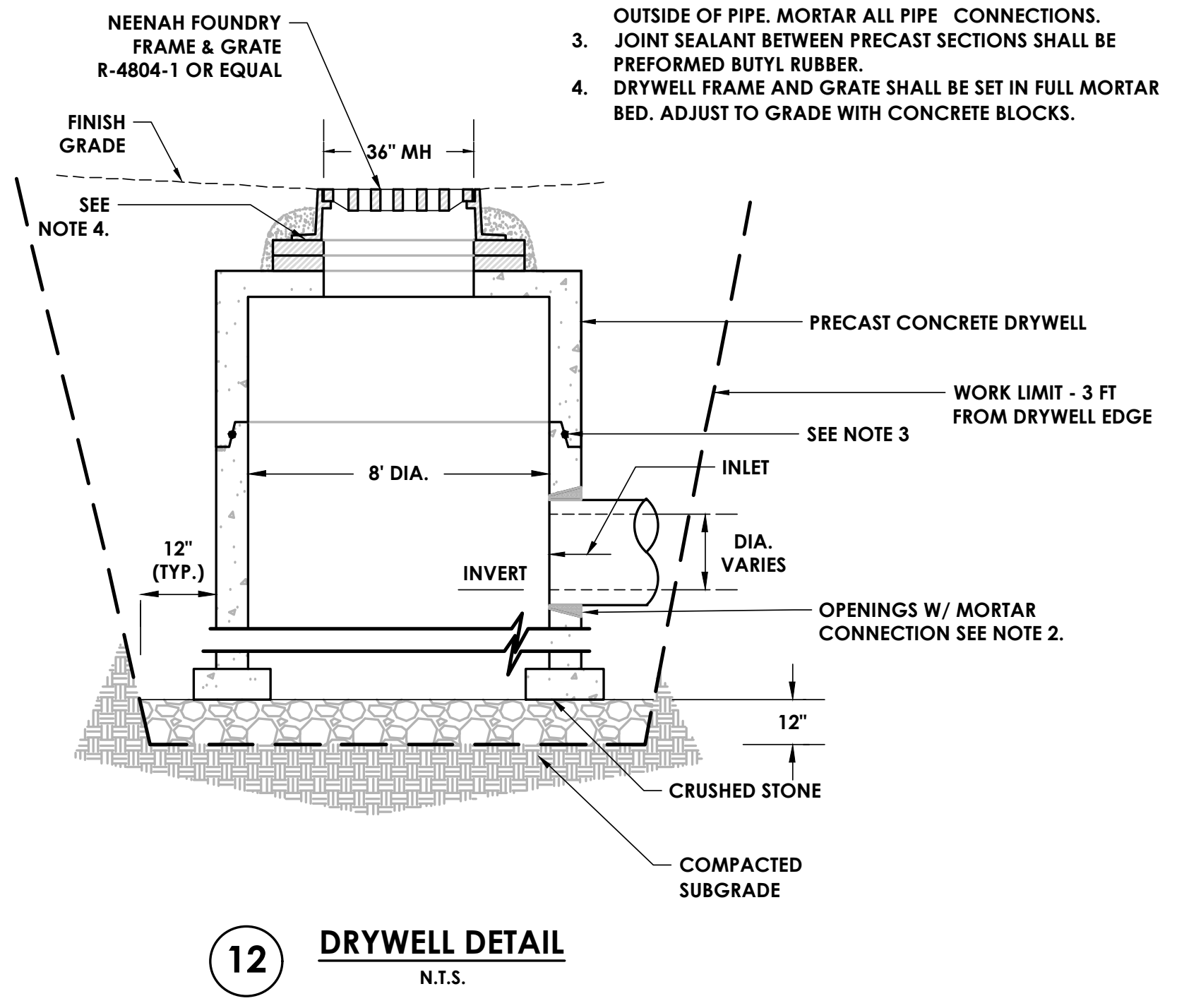
NOTES

1. TRENCH BACKFILL SHALL GRANULAR FILL, OR SUITABLE NATIVE SOIL APPROVED BY THE ENGINEER AND SHALL BE COMPACTED.
2. SUBGRADE ON TRENCH BOTTOM SHALL BE COMPACTED TO A FIRM, UNYIELDING STATE PRIOR TO PLACEMENT OF ANY MATERIALS ABOVE IT.

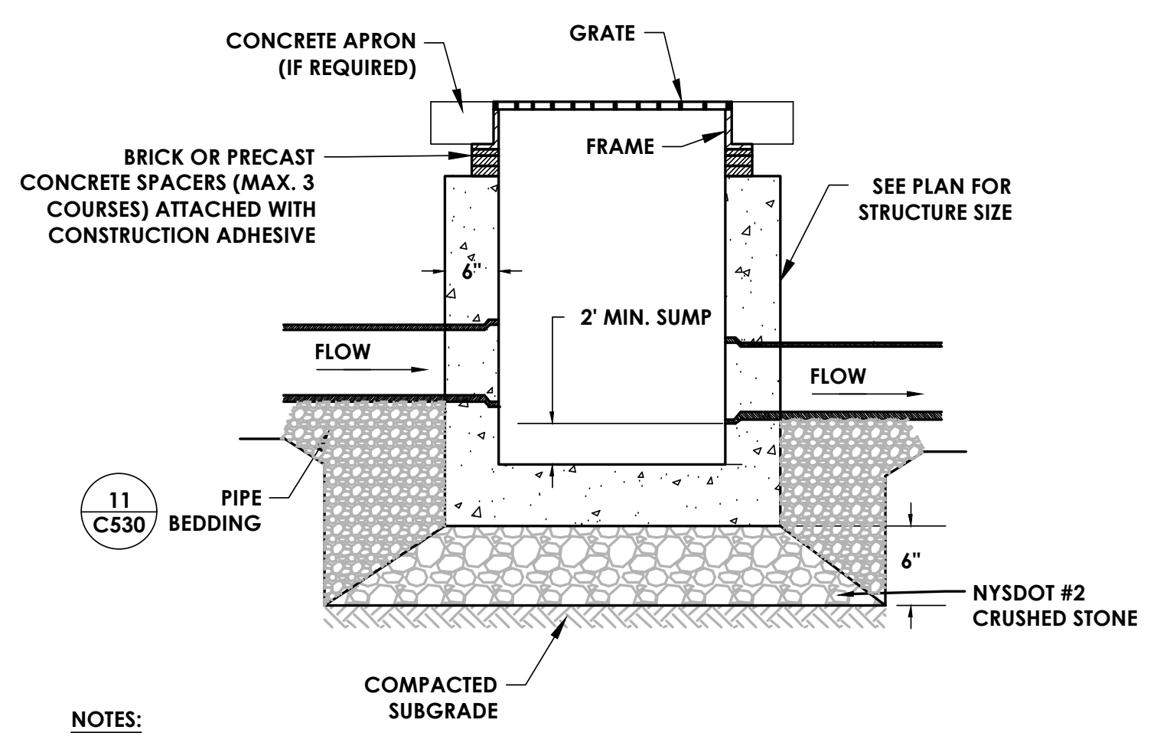
⑪ STORM SEWER/SANITARY SEWER BEDDING DETAILS N.T.S.

NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. DRYWELL FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CONCRETE BLOCKS.



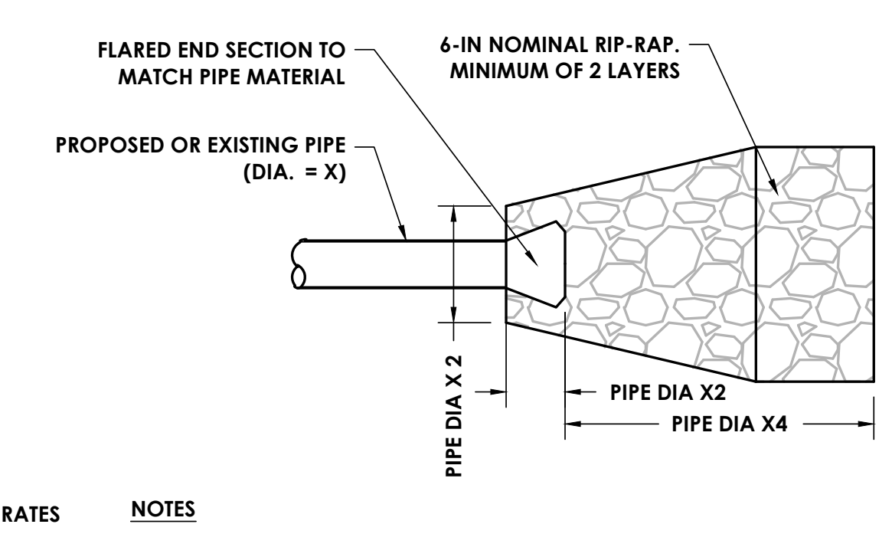
⑫ DRYWELL DETAIL
N.T.S.


CONCRETE APRON (IF REQUIRED)
GRATE
BRICK OR PRECAST CONCRETE SPACERS (MAX. 3 COURSES) ATTACHED WITH CONSTRUCTION ADHESIVE
FRAME
SEE PLAN FOR STRUCTURE SIZE
FLOW
2' MIN. SUMP
FLOW
11 C530
PIPE BEDDING
6"
NYSDOT #2 CRUSHED STONE
COMPACTED SUBGRADE

NOTES:

1. ALL CONCRETE IN CONTACT WITH ASPHALT PAVEMENT SHALL HAVE A TACK COAT INSTALLED AT THE CONCRETE/ASPHALT INTERFACE.
2. CATCH BASINS IN PEDESTRIAN WALKWAYS AND BICYCLE AREAS SHALL HAVE ADA COMPLIANT GRATES, OTHERWISE SHALL HAVE RETICULINE GRATES WITH THE LENGTH OF THE GRATE PARALLEL TO THE SURFACE FLOW.
3. CATCH BASIN SHALL BE PRECAST CONCRETE DESIGNED FOR HS20-44 VEHICULAR LOADING AND 25% IMPACT.
4. FRAME AND COVER SHALL BE DESIGNED FOR HS20-44 VEHICULAR LOADING AND 25% IMPACT.
5. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH MANHOLE STEPS.
6. SUBGRADE SHALL BE COMPACTED TO A FIRM, UNYIELDING STATE PRIOR TO PLACEMENT OF ANY MATERIALS ABOVE IT. A WATER-PERMEABLE SEPARATION FABRIC SHALL BE INSTALLED BETWEEN THE SUBGRADE AND STONE MATERIALS.

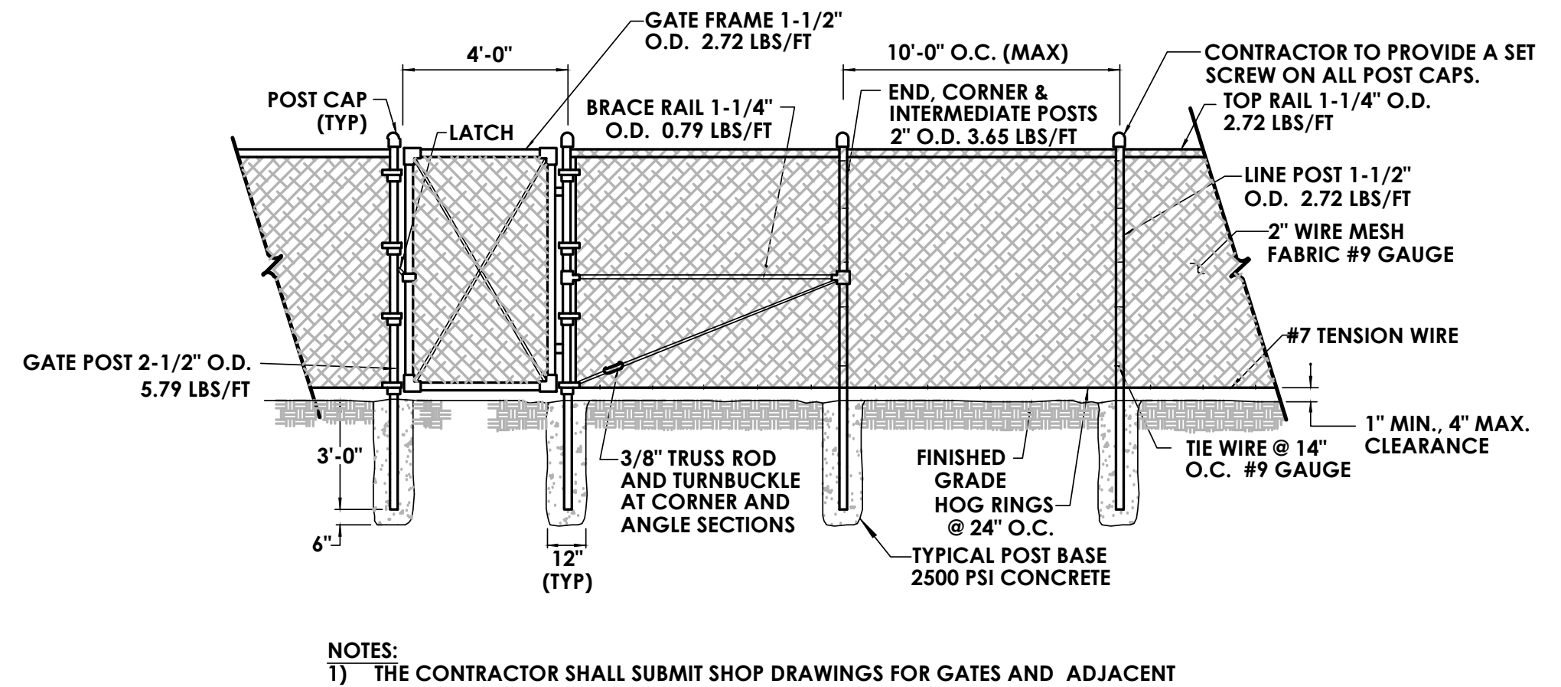
⑬ STANDARD CATCH BASIN DETAIL
N.T.S.


FLARED END SECTION TO MATCH PIPE MATERIAL
6-IN NOMINAL RIP-RAP, MINIMUM OF 2 LAYERS
PROPOSED OR EXISTING PIPE (DIA. = X)
PIPE DIA X 2
PIPE DIA X2
PIPE DIA X4

NOTES

1. RIP RAP SHALL BE PLACED ON 6" THICK BEDDING MATERIAL MEETING NYSDOT STANDARD SPECIFICATION SECTION 620 - COARSE AGGREGATE FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIAL AND THIN OR ELONGATED PARTICLES (703-02).
2. FLARED END SECTION SHALL BE CONNECTED TO PIPE PER MANUFACTURER'S RECOMMENDATIONS.

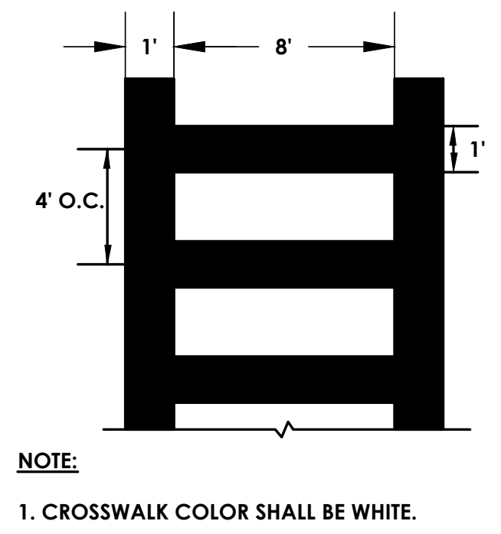
⑭ FLARED END SECTION AND STONE RIP-RAP DETAIL
N.T.S.


POST CAP (TYP)
4'-0"
LATCH
GATE FRAME 1-1/2" O.D. 2.72 LBS/FT
BRACE RAIL 1-1/4" O.D. 0.79 LBS/FT
10'-0" O.C. (MAX)
END, CORNER & INTERMEDIATE POSTS 2" O.D. 3.65 LBS/FT
CONTRACTOR TO PROVIDE A SET SCREW ON ALL POST CAPS. TOP RAIL 1-1/4" O.D. 2.72 LBS/FT
LINE POST 1-1/2" O.D. 2.72 LBS/FT
2" WIRE MESH FABRIC #9 GAUGE
#7 TENSION WIRE
GATE POST 2-1/2" O.D. 5.79 LBS/FT
3'-0"
6"
3/8" TRUSS ROD AND TURNBUCKLE AT CORNER AND ANGLE SECTIONS
12" (TYP)
FINISHED GRADE
HOG RINGS @ 24" O.C.
TYPICAL POST BASE 2500 PSI CONCRETE
TIE WIRE @ 14" O.C. #9 GAUGE
1" MIN., 4" MAX. CLEARANCE

NOTES:

1) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GATES AND ADJACENT CHAIN LINK FENCE TO THE ENGINEER. NO FENCE OR GATES SHALL BE ERECTED PRIOR TO APPROVAL OF THE DETAILS.
2) THE FENCE AND ALL COMPONENTS SHALL BE CONSTRUCTED OF GALVANIZED STEEL.

⑮ 4' HIGH CHAIN-LINK FENCE
N.T.S.



NOTE:

1. CROSSWALK COLOR SHALL BE WHITE.

⑯ CROSSWALK DETAIL
N.T.S.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

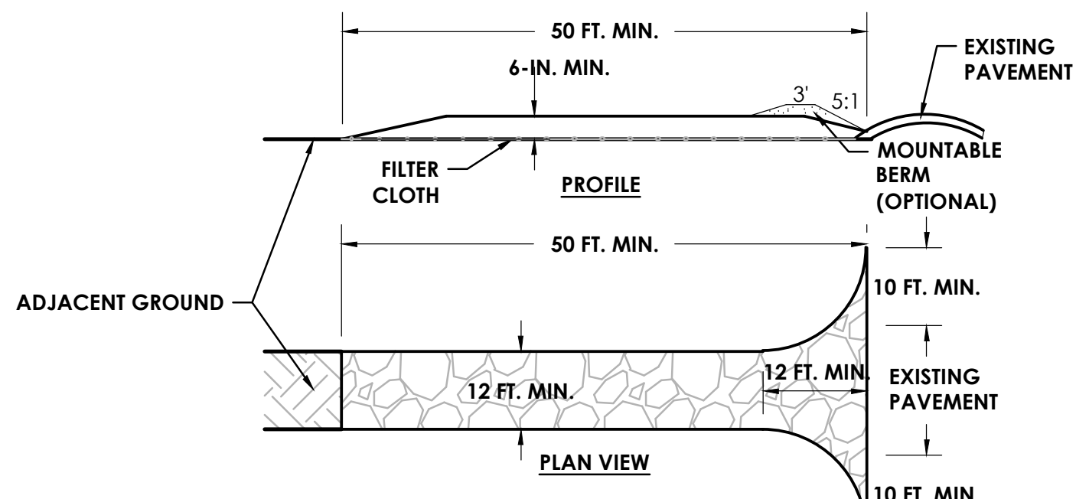
CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By: TO
Checked By: RV
Proj. #: 44-01-02-06-0-001-023
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

Sheet Title
SITE DETAILS

Sheet No.
WMS
C530
CONSTRUCTION DOCUMENTS



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

① STABILIZED CONSTRUCTION ENTRANCE

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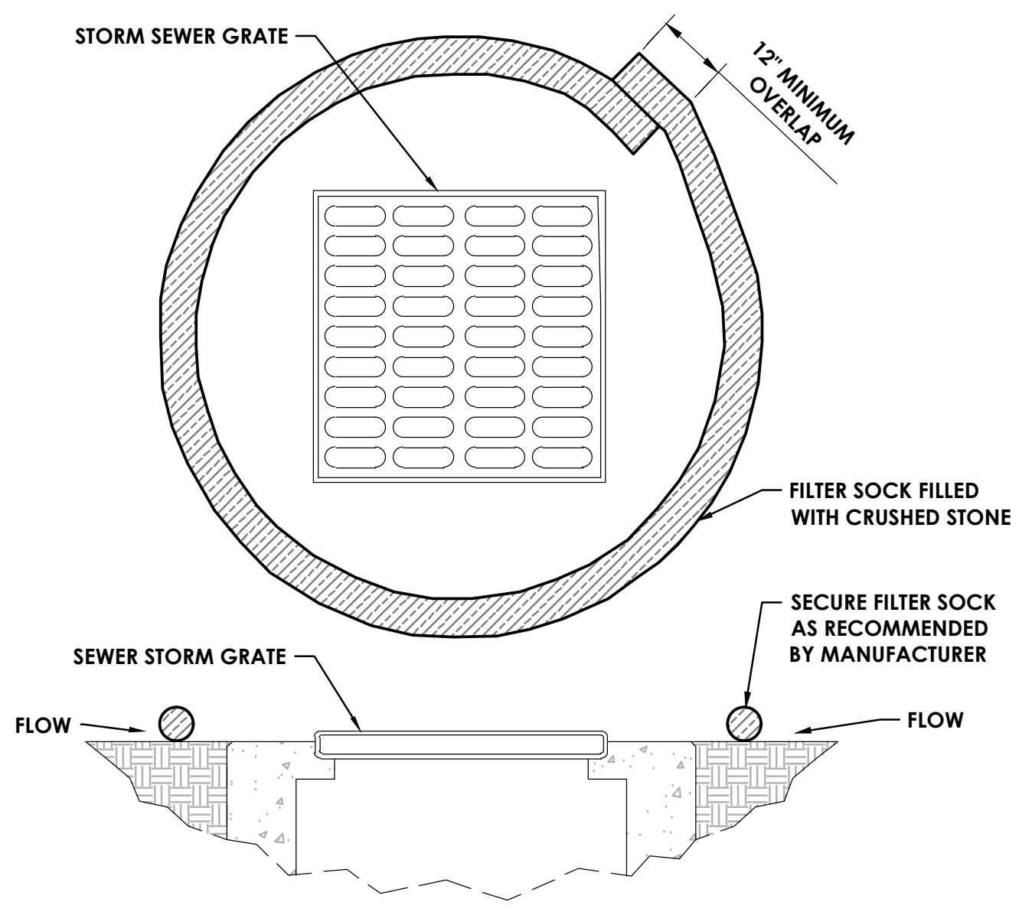
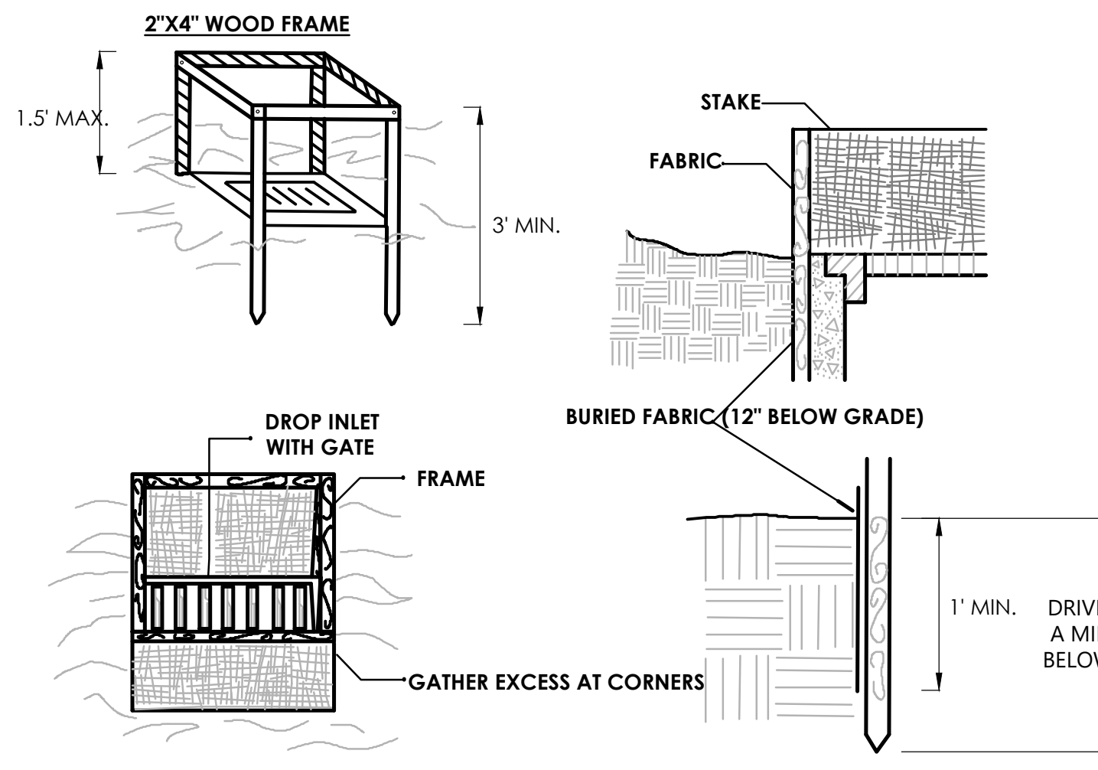

STORM SEWER GRATE
12" MINIMUM OVERLAP
FILTER SOCK FILLED WITH CRUSHED STONE
SECURE FILTER SOCK AS RECOMMENDED BY MANUFACTURER
SEWER STORM GRATE
FLOW
FLOW

② INLET PROTECTION IN PAVEMENT

N.T.S.

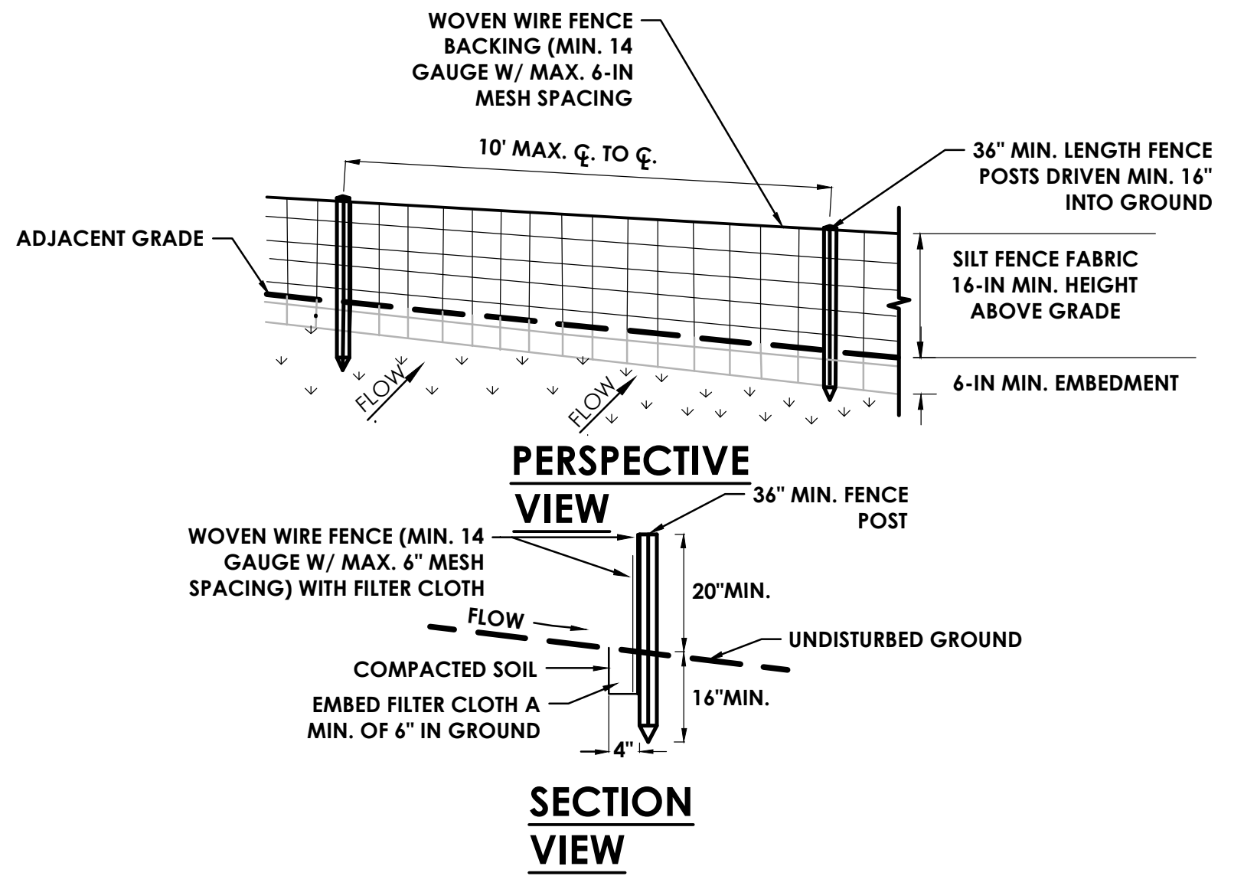


CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
7. DRAINAGE AREA TO EACH PRACTICE SHALL NOT EXCEED 1 ACRE.

③ INLET PROTECTION (FILTER FABRIC DROP)

N.T.S.

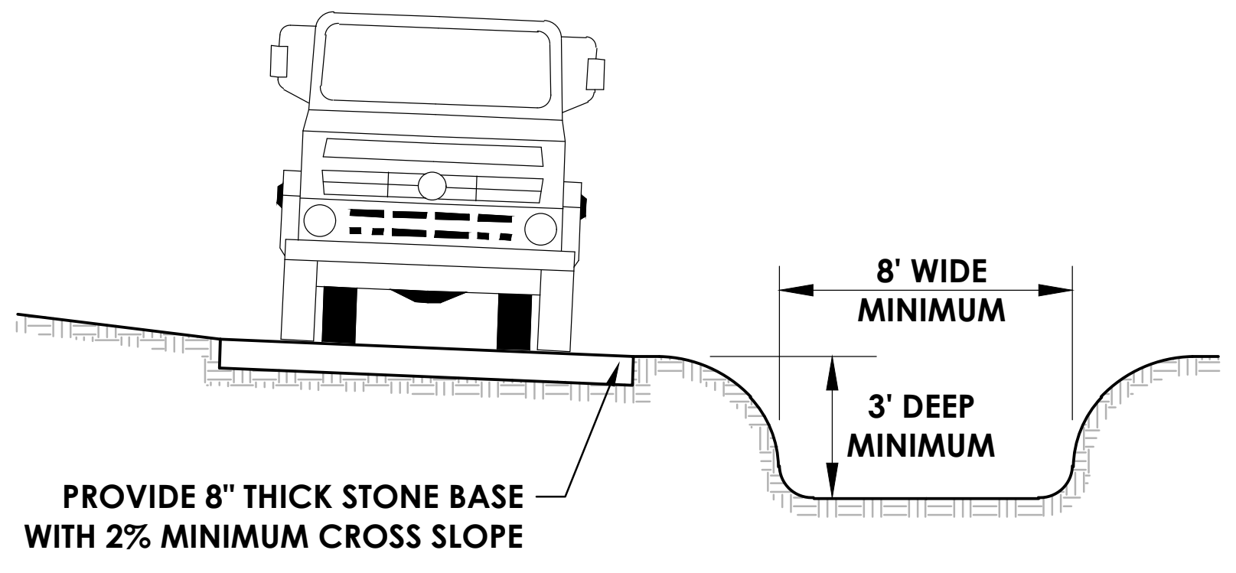

WOVEN WIRE FENCE BACKING (MIN. 14 GAUGE W/ MAX. 6-IN MESH SPACING
10' MAX. ℄. TO ℄.
36" MIN. LENGTH FENCE POSTS DRIVEN MIN. 16" INTO GROUND
ADJACENT GRADE
SILT FENCE FABRIC 16-IN MIN. HEIGHT ABOVE GRADE
6-IN MIN. EMBEDMENT
FLOW
FLOW
PERSPECTIVE VIEW
36" MIN. FENCE POST
WOVEN WIRE FENCE (MIN. 14 GAUGE W/ MAX. 6" MESH SPACING) WITH FILTER CLOTH
20"MIN.
FLOW
UNDISTURBED GROUND
COMPACTED SOIL
EMBED FILTER CLOTH A MIN. OF 6" IN GROUND
16"MIN.
4"
SECTION VIEW

NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

④ SILT FENCE DETAIL

N.T.S.



⑤ TRUCK WASHDOWN AREA

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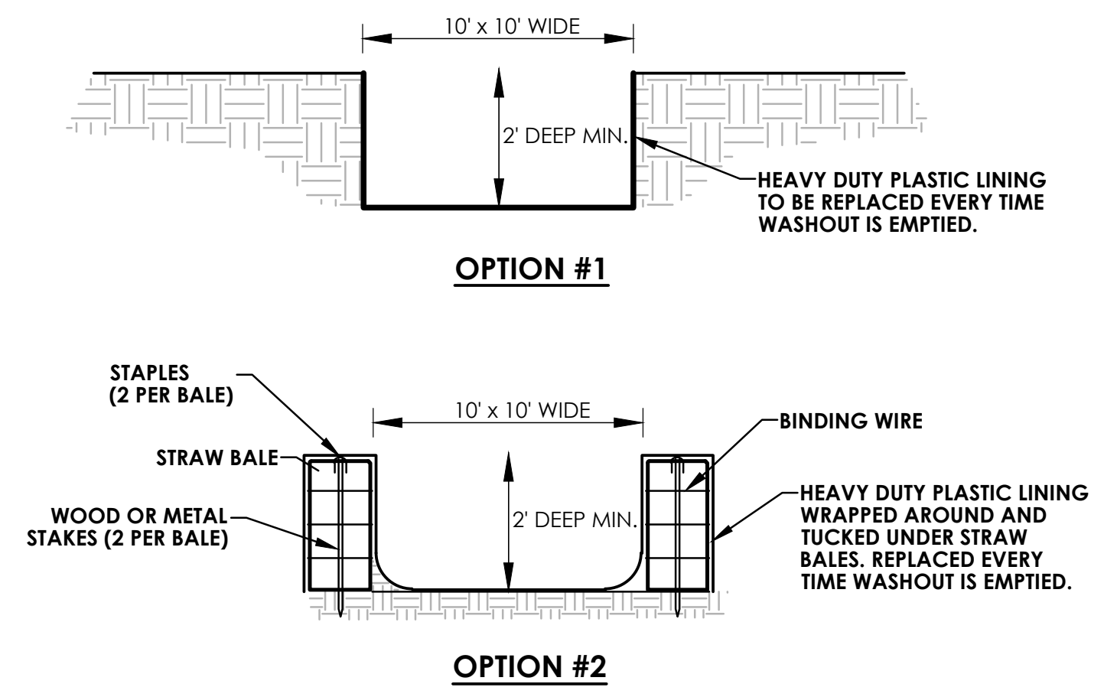
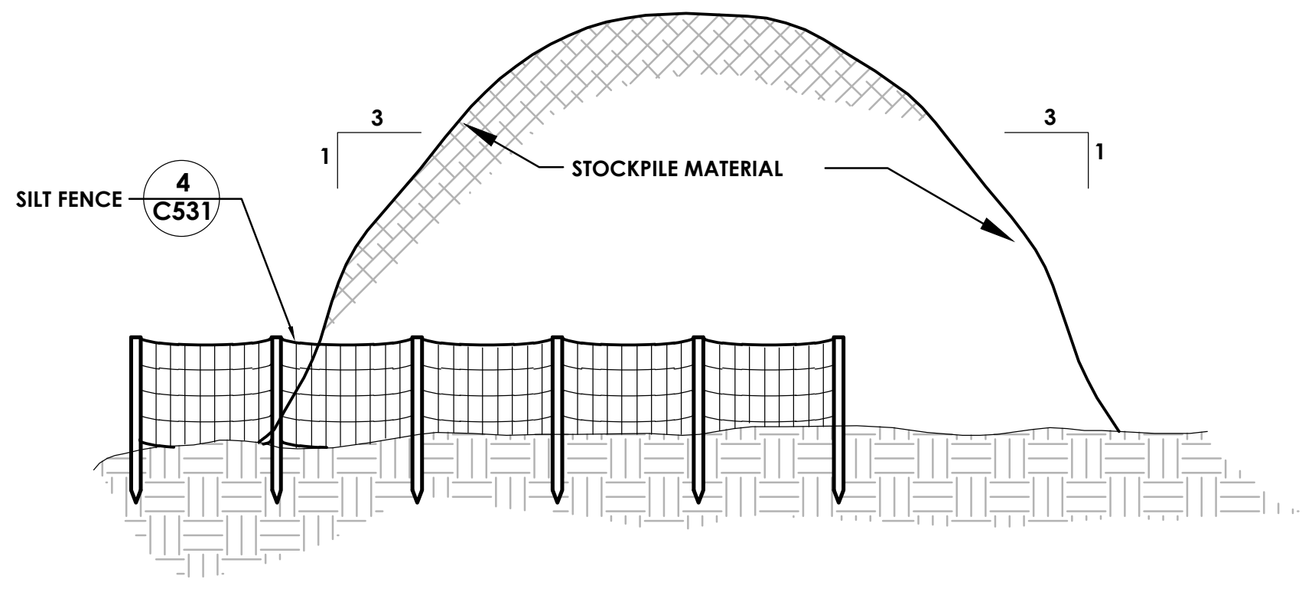

10' x 10' WIDE
2' DEEP MIN.
HEAVY DUTY PLASTIC LINING TO BE REPLACED EVERY TIME WASHOUT IS EMPTIED.
OPTION #1
STAPLES (2 PER BALE)
STRAW BALE
WOOD OR METAL STAKES (2 PER BALE)
10' x 10' WIDE
2' DEEP MIN.
BINDING WIRE
HEAVY DUTY PLASTIC LINING WRAPPED AROUND AND TUCKED UNDER STRAW BALES. REPLACED EVERY TIME WASHOUT IS EMPTIED.
OPTION #2

⑥ CONCRETE WASH OUT AREA OPTION #2

N.T.S.



⑦ STOCKPILE AREA DETAIL

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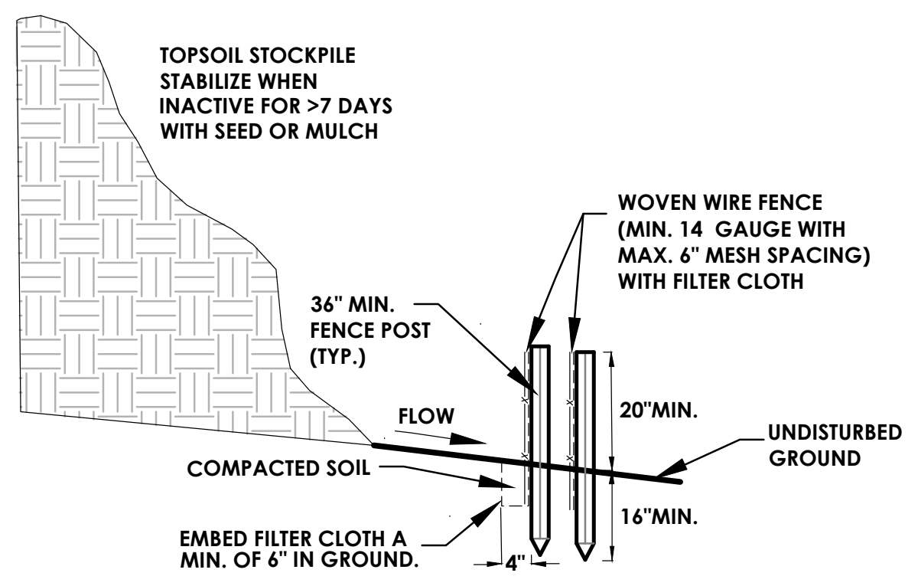
TOPSOIL STOCKPILE STABILIZE WHEN INACTIVE FOR >7 DAYS WITH SEED OR MULCH
WOVEN WIRE FENCE (MIN. 14 GAUGE WITH MAX. 6" MESH SPACING) WITH FILTER CLOTH
36" MIN. FENCE POST (TYP.)
FLOW
20"MIN.
UNDISTURBED GROUND
COMPACTED SOIL
EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.
4"
16"MIN.

SECTION VIEW

CONSTRUCTION NOTES & SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
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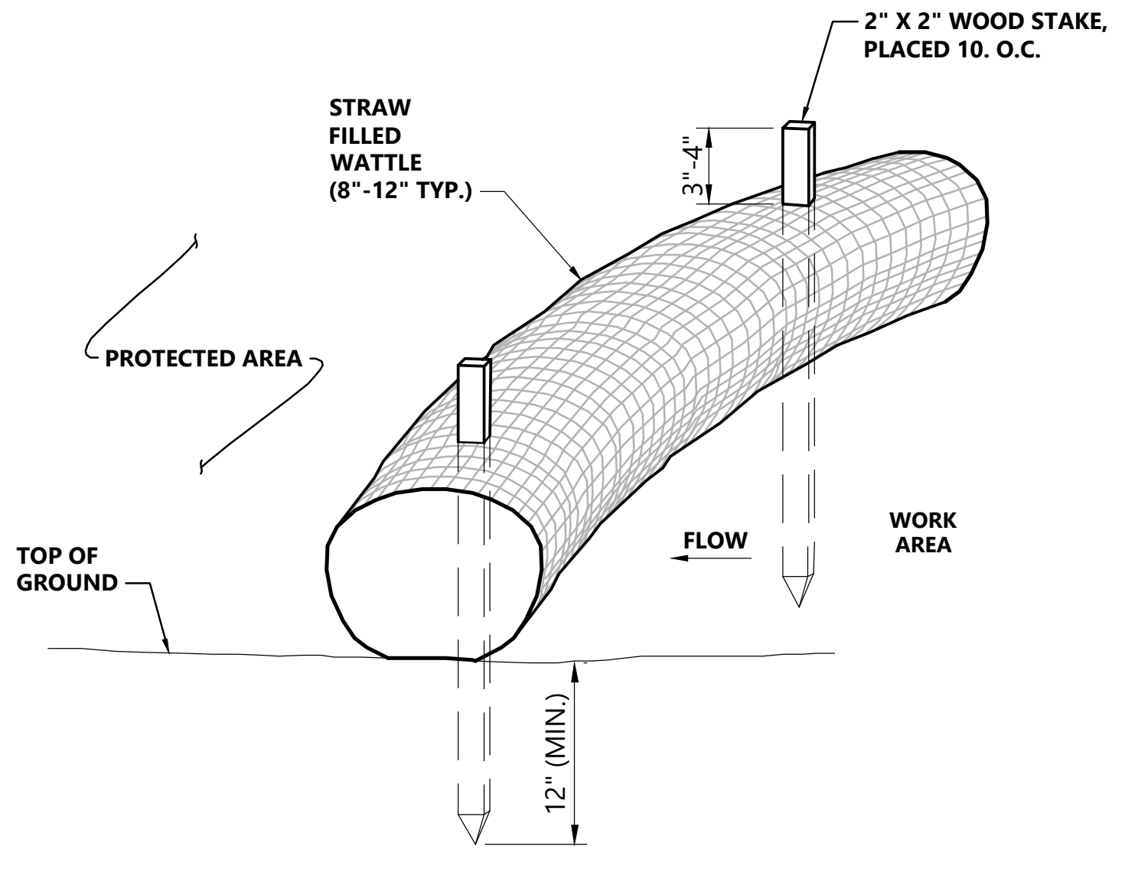
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.


2" X 2" WOOD STAKE, PLACED 10. O.C.
STRAW FILLED WATTLE (8"-12" TYP.)
3"-4"
PROTECTED AREA
TOP OF GROUND
FLOW
WORK AREA
12" (MIN.)

NOTES

1. STRAW WATTLE SHALL BE AS MANUFACTURED BY EARTHSAVER OR APPROVED EQUAL.
2. STRAW WATTLES SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. STRAW WATTLE SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. TEMPORARY STRAW WATTLES TO BE REMOVED BY CONTRACTOR. ALL OTHERS TO REMAIN IN PLACE UNLESS DIRECTED OTHERWISE BY ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.
6. STRAW WATTLE MAY BE USED IN LIEU OF SILT FENCE AT ENGINEERS DISCRETION

⑧ STRAW WATTLE

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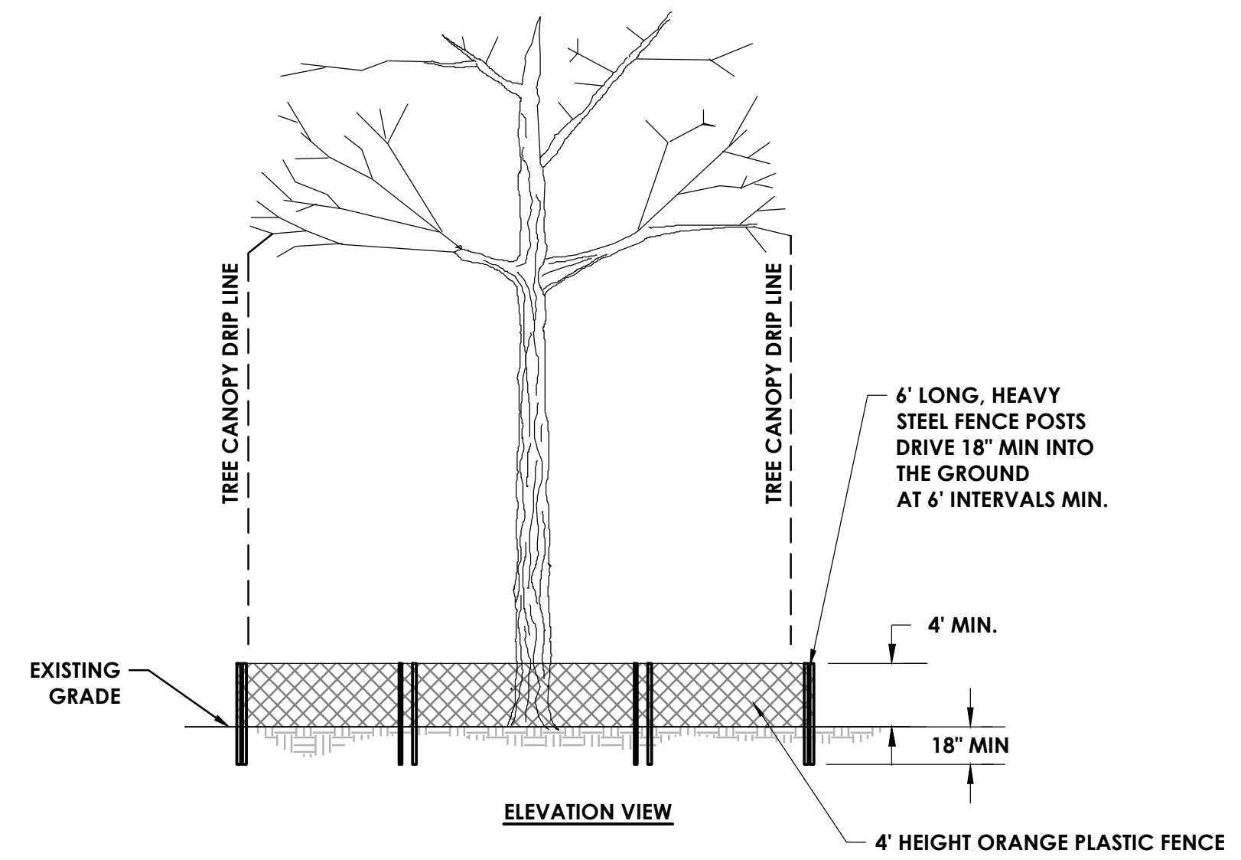
TREE CANOPY DRIP LINE
TREE CANOPY DRIP LINE
6' LONG, HEAVY STEEL FENCE POSTS DRIVE 18" MIN INTO THE GROUND AT 6' INTERVALS MIN.
EXISTING GRADE
4' MIN.
18" MIN
ELEVATION VIEW
4' HEIGHT ORANGE PLASTIC FENCE SECURELY WIRED TO POSTS

NOTES:

1. THE BARRIER SHALL BE LOCATED AT THE DRIP LINE OF THE CANOPY OF THE TREE, A MINIMUM OF 2 FEET FROM THE TRUNK OF THE TREE TO BE PROTECTED, AND SHALL BE ROUND AND CENTERED ON THE TREE.
2. ACCESS FOR WATERING SHALL BE PROVIDED AND LOCATED AWAY FROM CONSTRUCTION.

⑨ TREE PROTECTION DETAIL

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WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

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102592
EXPIRES: 09/30/28

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CSArch Proj. #: 228-2401.03
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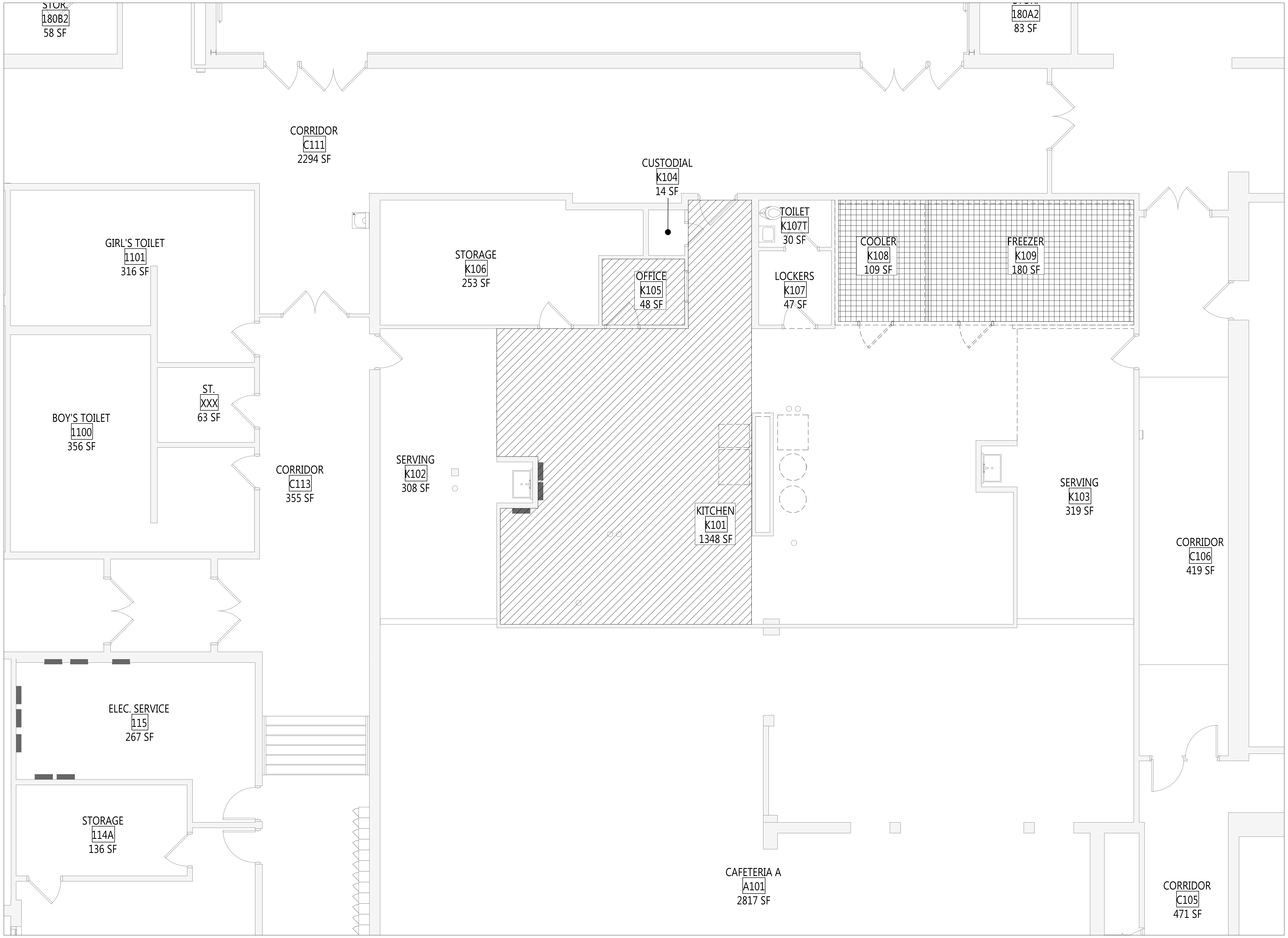
Sheet Title
EROSION AND SEDIMENT CONTROL DETAILS

Sheet No.
WMS C531

CONSTRUCTION DOCUMENTS



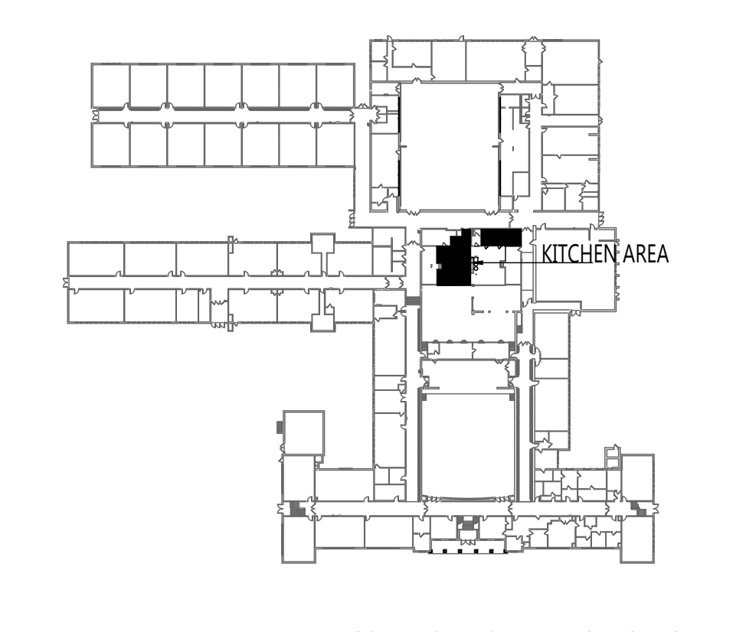
KITCHEN ASBESTOS ABATEMENT PLAN
NTS

ASBESTOS ABATEMENT LEGEND

▨	ABATEMENT CONTRACTOR TO REMOVE AND DISPOSE OF ASBESTOS CONTAINING (ACM) FLOOR TILE AND ACM MASTIC TO NON-ACM BOTTOM LAYER QUARRY TILE SUBSTRATE.
▦	ABATEMENT CONTRACTOR TO REMOVE AND DISPOSE OF PRESUMED ASBESTOS CONTAINING (PACM) COOLER-FREEZER INSULATION TO NON-ACM SUBSTRATE.

REFER TO ASBESTOS ABATEMENT SPECIFICATION 020800 - 3.17 FOR A MORE DETAILED DESCRIPTION OF THE ABATEMENT WORK REQUIREMENTS .

KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

067937
EXPIRATION DATE: 11/30/2028

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CSArch Proj. #:	228-2401.03
Construction Documents:	06/06/25

Sheet Title

KITCHEN
ASBESTOS
ABATEMENT
PLAN

Sheet No.

WMS
ASB100

CONSTRUCTION DOCUMENTS

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GENERAL NOTES:

1. ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, HVAC, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. THE CONTRACTOR(S) SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. IN THE FIELD AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION OR SHOP DRAWINGS.
3. THE DRAWINGS ARE INTENDED TO REQUIRE AND TO INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT PROPER FOR THE WORK.
4. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES AND REQUIREMENTS.
5. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND SAFETY PROCEDURES. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
6. OBSERVE ALL OSHA AND OTHER APPLICABLE SAFETY REQUIREMENTS INCLUDING THE USE OF SAFETY GLASSES, HARD HATS, AND PROTECTION OF AREA WHEN WORKING OVERHEAD. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY AT ALL TIMES.
7. COORDINATE WORK OF ALL DISCIPLINES (STRUCT., ARCH., MECH., ELECT., ETC.) WITH EXISTING CONDITIONS, SPECIAL REQUIREMENTS, CONSTRUCTION SCHEDULE AND OTHER CONTRACTORS PERFORMING WORK AT THE SITE.
8. ALL TEMPORARY SHORING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY TEMPORARY SHORING, BRACING, ETC., AS NEEDED FOR THE WORK SO AS NOT TO ENDANGER THE STRUCTURAL INTEGRITY OF ANY EXISTING FEATURE.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE DONE TO EXISTING FEATURES AS A RESULT OF THIS WORK. DAMAGED ITEMS SHALL BE REPLACED IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.
10. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO CONSTRUCTION. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED AGAINST ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IMMEDIATELY. SEE THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS FOR OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS. CHANGES AFFECTING THE LAYOUT SHOWN MUST BE SPECIFIC AND CLEARLY CONVEYED TO THE OWNER'S REPRESENTATIVE IN WRITTEN FORM AS A CHANGE FOR INCLUSION INTO THESE PLANS.
11. SHOP DRAWINGS: REPRODUCTION OF DESIGN DRAWINGS SHALL NOT BE PERMITTED FOR SHOP DRAWING SUBMISSIONS. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND PROVIDE REVIEW STAMP ON SHOP DRAWING SUBMISSIONS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER INDICATING UNDERSTANDING AND ACCEPTANCE OF SUBMITTAL AND CONFIRMING CONFORMANCE TO PROJECT PLANS/SPECIFICATIONS.
12. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS MAY BE NECESSARY.
13. EQUIPMENT FRAMING LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO HVAC, PLUMBING, PROCESS OR ELECTRICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF THE PERTINENT TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN THESE REQUIREMENTS SHALL BE BORNE BY THE APPROPRIATE CONTRACTOR.

RENOVATION AND EXISTING STRUCTURE NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS NECESSARY FOR PROPER FABRICATION AND ERECTION OF ALL STRUCTURAL MEMBERS. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURES AS REQUIRED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF EXISTING STRUCTURES DURING CONSTRUCTION.
2. BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE, WHICH ARE TO REMAIN.
3. ALL EXISTING STRUCTURAL ELEMENTS (SLABS, BEAMS, WALLS, COLUMNS, FOUNDATIONS...) SHALL REMAIN INTACT UNLESS SPECIFICALLY NOTED TO BE REMOVED BY THE DEMOLITION DOCUMENTS OR OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS.
4. THESE CONSTRUCTION DOCUMENTS WERE PREPARED WITH INFORMATION REGARDING THE EXISTING BUILDING PROVIDED BY OTHERS. NO INVESTIGATION OF THE EXISTING BUILDING WAS UNDERTAKEN. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY AND AWAIT DIRECTION FROM THE OWNER'S REPRESENTATIVE IF ANY DISCREPANCY BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING CONDITIONS IS DISCOVERED.
5. CORE DRILLS REQUIRED BY MECHANICAL OR ELECTRICAL TRADES BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE DOCUMENTED SHOWING EXACT DIMENSIONS AND LOCATIONS. THE DRAWING SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PROCEEDING WITH THE DRILLING OPERATION.
6. CONCRETE AND MASONRY REPAIR SHOULD BE INCLUDED BY GENERAL CONTRACTOR AS A UNIT PRICE. ALL QUANTITIES ARE ESTIMATES ONLY.
7. WORK SHOULD BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING. FINAL QUANTITIES MAY BE GREATER OR LESS THAN THE ESTIMATE.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL WORK INCLUDES ALL STRUCTURAL STEEL TO BE FURNISHED AND ERECTED, BEAMS, COLUMNS, CHANNELS, ANGLES, JOISTS, LINTELS, BEARING PLATES, ETC., AS INDICATED ON THE DRAWINGS.
2. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
   - A. AISC STEEL CONSTRUCTION MANUAL, ASD, 14TH EDITION
   - B. AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE STEEL", 2015.
   - C. CURRENT OSHA ERECTION AND FABRICATION REQUIREMENTS.
3. MATERIALS:
   - A. WIDE FLANGE BEAMS, GIRDERS AND COLUMNS: ASTM A992
   - B. ANGLES, BARS AND PLATES: ASTM A36.
   - C. HOLLOW STRUCTURAL SECTIONS "HSS": ASTM A500, GRADE C
   - D. PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B. U.N.O.
   - E. HIGH STRENGTH BOLTS: ASTM A 325.
   - F. WELDS: E70XX ELECTRODES.
4. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.
5. ALL STRUCTURAL STEEL SHOP CONNECTIONS SHALL BE WELDED AND ALL FIELD CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED UNLESS SHOWN OTHERWISE.
6. ALL BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS NOTED OTHERWISE. SLIP CRITICAL BOLTS SHALL BE USED AT ALL MOMENT CONNECTIONS.
7. BOLTS SHALL BE 3/4 INCH DIAMETER, TYPE A325N, UNLESS OTHERWISE INDICATED. FOR DELEGATED DESIGN CONNECTIONS, BOLT SIZE, GRADE AND TYPE SHALL BE AS SPECIFIED BY THE DELEGATED CONNECTIONS DESIGN ENGINEER (ASTM A325N, 3/4 INCH DIAMETER, MINIMUM).
8. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE. SWAGED ANCHOR BOLTS AND ANCHOR BOLTS WITH HOOKED END ANCHORAGE ARE NOT ALLOWED.
9. WELDS INDICATED "CJP" SHALL BE COMPLETE JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE COMPLETE JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.
10. WELDS INDICATED "PJP" SHALL BE PARTIAL JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE PARTIAL JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.
11. WHERE THE WORK OF OTHER TRADES REQUIRES CUTS, HOLES, ETC., IN STRUCTURAL STEEL MEMBERS, CUTS, HOLES, ETC., SHALL BE MADE IN THE SHOP AND SHALL BE SHOWN ON THE SHOP DRAWINGS. MAKING HOLES OR CUTS IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED WITHOUT SPECIFIC APPROVAL OF THE OWNER'S REPRESENTATIVE.

STEEL DECK NOTES:

1. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
   - A. AISI / STEEL DECK INSTITUTE "C-2011 STANDARD FOR COMPOSITE STEEL DECK-SLABS"
   - B. AMERICAN WELDING SOCIETY (AWS) D1.3 "STRUCTURAL WELDING CODE- SHEET STEEL", 2015.
2. ROOF DECK CONNECTIONS: IN ACCORDANCE WITH TYPICAL ROOF DECK ATTACHMENT DETAIL
3. ALL METAL DECK HAS BEEN DESIGNED TO BE CONTINUOUS OVER THREE SPANS MINIMUM, AND SHALL BEAR AT LEAST 1 ½ INCHES MINIMUM ON STEEL SUPPORTS OR MORE AS REQUIRED BY DECK MANUFACTURER. FOR ONE OR TWO SPAN CONDITIONS, THE CONTRACTOR SHALL PROVIDE SHORING AS REQUIRED, OR FURNISH HIGHER GAGE DECK AS REQUIRED TO SUPPORT ALL THE APPLICABLE LOADS. CONTRACTOR SHALL SUBMIT ALTERNATE FOR APPROVAL. CONTRACTOR SHALL ENSURE THAT CONSTRUCTION LOADS ON STEEL DECK DO NOT EXCEED SDI PUBLISHED CONSTRUCTION LOAD CRITERIA.
4. DESIGN ROOF DECK IN ACCORDANCE WITH THE FOLLOWING:
   - A. YIELD STRENGTH, F_y = 50 KSI
   - B. DEPTH: AS INDICATED
   - C. MINIMUM SECTION MODULUS, S_p: [0.224] CUBIC INCHES
   - D. MINIMUM MOMENT OF INERTIA, I_n: [0.217] INCHES^4
5. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES, INSERTS, ETC., WITH SHOP DRAWINGS OF THE EQUIPMENT TO BE INSTALLED. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF PIPE SLEEVES. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF OPENINGS IN ROOF.

STRUCTURAL DESIGN CRITERIA

		DESIGN CRITERIA
BUILDING DATA:		
LOCATION		WASHINGTONVILLE, NY
BUILDING OCCUPANCY RISK CATEGORY		III
APPLICABLE BUILDING CODE		2020 EXISTING BUILDING CODE OF NEW YORK STATE (IBC 2018)
ROOF LIVE LOADING:		
ROOF	LLr	20 PSF
SNOW LOADING:		
SNOW IMPORTANCE FACTOR	Is	1.1
GROUND SNOW LOAD	Pg	40 PSF
SNOW EXPOSURE FACTOR	Ce	1.0
ROOF THERMAL FACTOR	Ct	1.0
FLAT ROOF SNOW LOAD	Pf	30.8 PSF
DRIFTING SNOW		AS REQUIRED PER ASCE 7-16
DRIFT SURCHARGE LOAD	Pd	48 PSF
DRIFT WIDTH	w	7.17 FT
WIND LOADING (MAIN WIND FORCE RESISTING SYSTEM):		
ANALYSIS PROCEDURE		DIRECTIONAL PROCEDURE
ULTIMATE DESIGN WIND SPEED (3- SECOND GUST)	Vult	120 mph
NOMINAL DESIGN WIND SPEED (3-SECOND GUST)	Vasd	93 mph
EXPOSURE CATEGORY		B
ENCLOSURE CLASSIFICATION		ENCLOSED
INTERNAL PRESSURE COEFFICIENT	GCpi	+0.18/-0.18

SEISMIC LOADING:

THE CHANGE IN DEMAND TO CAPACITY RATIO OF THE EXISTING SEISMIC FORCE RESISTING SYSTEM RESULTING FROM THE SCOPE OF THE NEW WORK DOES NOT EXCEED THE LIMITS ALLOWED UNDER THE 2018 IEBC (2020 EXISTING BUILDING OF NYS)

STATEMENT OF SPECIAL INSPECTIONS

LOCATION	Washingtonville, NY
OWNER	Washingtonville Central School District
DESIGN PROFESSIONAL IN CHARGE	Conor L. Stucki, PE, SE

This statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the applicable building code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This Statement of Special Inspections encompasses the following disciplines: STRUCTURAL. The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge (RDP). Discovered discrepancies shall be brought to the immediate attention of the contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the RDP. The Special Inspection program does not relieve the contractor of his or her responsibility for quality assurance.

Interim reports shall be submitted to the Building Official and the RDP, monthly.

A Final Report of Special Inspections documenting completion of all required Special Inspections, testing, and correction of any discrepancies noted in the inspections shall be submitted by the special Inspection Coordinator prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the contractor.

In accordance with the applicable building code, the Observations and Inspections listed in the Schedule of Special Inspections are required.

SCHEDULE OF INSPECTION AND TESTING AGENCIES

SPECIAL INSPECTION AGENCIES	*FIRM*	*ADDRESS*	*TELEPHONE No.*
Special Inspection Coordinator	TBD	TBD	(###) ###-####
Inspector	TBD	TBD	(###) ###-####

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent in accordance with the applicable building code, and not by the Contractor or Subcontractor whose work is to be inspected or tested. An approved agency shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall also disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.

STATEMENT OF CONTRACTORS RESPONSIBILITY

In accordance with the applicable building code, each contractor responsible for the construction of a main wind or seismic force-resisting system, designated seismic system or a wind or seismic force-resisting component listed in the statement of special inspections above shall submit a written statement of responsibility to the building official and the owner or the owner's authorized agent prior to the commencement of work on the system or component. The contractor's statement of responsibility shall contain acknowledgement of awareness of the special requirements contained in the statement of special inspections.

QUALIFICATIONS OF INSPECTORS AND TESTING TECHNICIANS

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test of inspection have a specific certification or license as indicated below, such designation shall appear below the Agency Number on the Schedule.

PE/SE	Structural Engineer - a licensed PE specializing in the design of building structures
PE/GE	Geotechnical Engineer - a licensed PE specializing in soil mechanics and foundations
EIT	Engineer - In - Training - a graduate engineer who as passed the Fundamentals of Engineering examination
AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION	
ACI-CFTT	Concrete Field Testing Technician - Grade 1
ACI-CCSI	Concrete Construction Special Inspector
ACI-LTT	Laboratory Testing Technician - Grade 1&2
ACI-STT	Strength Testing Technician
AMERICAN WELDING SOCIETY (AWS) CERTIFICATION	
AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector
INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION	
ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector
NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)	
NICET-CT	Concrete Technician - Levels I, II, III, & IV
NICET-ST	Soil Technicians - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

THE FOLLOWING TABLES COMPRISES THE STRUCTURAL SPECIAL INSPECTION REQUIREMENTS FOR THIS PROJECT IN ACCORDANCE WITH CHAPTER 17 OF THE 2018 INTERNATIONAL BUILDING CODE. REFER TO THE PROJECT SPECIFICATIONS FOR REQUIRED QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTION ACTIVITIES AND ADDITIONAL TESTING INFORMATION.

STEEL CONSTRUCTION - REQUIREMENTS FOR SPECIAL INSPECTION & TESTING

AREAS OF INSPECTION & TESTING	**FREQUENCY OF INSPECTION OR TESTING**	**REFERENCE STANDARD**	**IBC REFERENCE**
1. FABRICATOR'S SHOP TESTING AND QUALITY CONTROL PROGRAM:		AISC PLANT CERTIFICATION PROGRAM	1705.2
A. VERIFY FABRICATOR'S CERTIFICATION AND QUALITY CONTROL PROGRAM.	PERIODIC		
B. SPECIAL INSPECTIONS REQUIRED IN FABRICATOR'S SHOP FOR ELEMENTS IDENTIFIED BELOW.	NOT REQUIRED IF FABRICATOR IS AISC CERTIFIED		
2. INSPECTION TASKS FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS PRIOR TO BOLTING:		AISC 360, TABLE N5.6-1	
A. VERIFY MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	CONTINUOUS		
B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	PERIODIC		
C. PROPER FASTENERS SELECTED FOR JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	PERIODIC		
D. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.	PERIODIC		
E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	PERIODIC		
F. PRE-INSTALLATION VERIFICATION AND TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	PERIODIC		
G. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENERS.	PERIODIC		
3. INSPECTION TASKS FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS DURING BOLTING:		AISC 360, TABLE N5.6-2	
A. FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED.	PERIODIC		
B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	PERIODIC		
C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	PERIODIC		
D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE POST RIGID POINT TOWARD THE FREE EDGES.	PERIODIC		
4. INSPECTION TASK FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS AFTER BOLTING:		AISC 360, TABLE N5.6-3	
A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	CONTINUOUS		
5. INSPECTION TASKS PRIOR TO WELDING:		AISC 360, TABLE N5.4-1	
A. WELDING PROCEDURE SPECIFICATIONS (WPSs) ARE AVAILABLE	CONTINUOUS		
B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE	CONTINUOUS		
C. MATERIAL IDENTIFICATION (TYPE/GRADE)	PERIODIC		
D. WELDER IDENTIFICATION SYSTEM	PERIODIC		
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): JOINT PREPARATION DIMENSIONS (ALIGNMENT, ROOT OPENING & FACE, LEVEL) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) BACKING TYPE AND FIT (IF APPLICABLE)	PERIODIC		
G. CONFIGURATION AND FINISH OF ACCESS HOLE.	PERIODIC		
H. FIT-UP OF FILLET WELDS: DIMENSIONS (ALIGNMENT, GAPS AT ROOT) CLEANLINESS (CONDITION OF STEEL SURFACES) ALIGNMENT (TACK WELD QUALITY AND LOCATION)	PERIODIC		
6. INSPECTION TASKS DURING WELDING:		AISC 360, TABLE N5.4-2	
A. USE OF QUALIFIED WELDERS	PERIODIC		
B. CONTROL AND HANDLING OF WELDING CONSUMABLES, INCLUDING PACKING AND EXPOSURE	PERIODIC		
C. ENVIRONMENTAL CONDITIONS INCLUDING WIND SPEED WITHIN LIMITS, PRECIPITATION, AND TEMPERATURE	PERIODIC		
D. WPS FOLLOWED: SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE/FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) PROPER POSITION (F, V, H, OH)	PERIODIC		
E. WELDING TECHNIQUES: INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS	PERIODIC		
7. INSPECTION TASKS AFTER WELDING:		AISC 360, TABLE N5.4-3	
A. WELDS CLEANED.	PERIODIC		
B. SIZE, LENGTH, AND LOCATIONS OF WELDS	CONTINUOUS		
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD/BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY	CONTINUOUS		
D. ARC STRIKES	CONTINUOUS		
E. k-AREA	CONTINUOUS		
F. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	CONTINUOUS		
G. REPAIR ACTIVITIES	CONTINUOUS		
H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	CONTINUOUS		
8. VERIFY PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENT SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE *CONSTRUCTION DOCUMENTS*. VERIFY DIAMETER, GRADE, TYPE, AND LENGTH OF ANCHOR ROD OR EMBEDMENT ITEM AND THE EXTENT OR DEPTH OF THE EMBEDMENT INTO THE CONCRETE PRIOR TO PLACEMENT OF CONCRETE.	PERIODIC	AISC 360, N5.7	
9. INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS: A. DETAILS SUCH AS BRACING AND STIFFENERS. B. MEMBER LOCATIONS. C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	PERIODIC	AISC 360, N5.8	
10. INSPECT STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT: A. PLACEMENT AND INSTALLATION OF STEEL DECK. B. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS. C. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS.	PERIODIC	AISC 360, N6	

STRUCTURAL ABBREVIATION LEGEND

AB	ANCHOR BOLT
ABV	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHR	ANCHOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
APPROX	APPROXIMATELY
ARCH	ARCHITECT/ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B/	BOTTOM OF
BD	BOARD
BFE	BASE FLOOD ELEVATION
BLKG	BLOCKING
BM	BEAMS
BN	BOUNDARY NAILING
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BTWN	BETWEEN
C/C	CENTER TO CENTER
CFMF	COLD FORMED METAL FRAMING
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CNJ	CONSTRUCTION JOINT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT(ED)(ION)
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CTR	CENT(ER)(ERED)(TRAL)
DEG	DEGREE(S)
DEMO	DEMO(LISH)(LITION)
DFE	DESIGN FLOOD ELEVATION
DIA	DIAMETER
DIAG	DIAGONAL
DIF	DIFFEREN(CE)(TIAL)
DIM	DIMENSION
DIV	DIVI(DE)(DED)(DER)(SION)
DL	DEAD LOAD
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
DWL	DOWEL(REBAR)
(E)	EXISTNG
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
ELEV	ELEVATION
EMBED	EMBED(ED) (MENT)
ENG	ENGINEER
EOD	EDGE OF DECK
EOR	ENGINEER OF RECORD
EOS	EDGE OF SLAB
EQ	EQUAL
EW	EACH WAY
EXIST	EXISTING
EXP	EXPAN(D)(SION)
EXT	EXTERIOR
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FIN	FINISHED
FNDN	FOUNDATION
FP	FIREPROOF(ING)
FRMG	FRAMING
FRT	FIRE RETARDENT
FS	FAR SIDE
FS	FOOTING STEP
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR/ CONSRTUCTION MANAGER
GWB	GYPSUM WALL BOARD
HD	HEAVY DUTY
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HS	HIGH STRENGTH
HSS	HOLLOW STRUCTURAL SECTION (STRUCT SHAPE)
HT	HEIGHT
IF	INSIDE FACE
INFO	INFORMATION
INSUL	INSULATION
INTMD	INTERMEDIATE
JBE	JOIST BEARING ELEVATION
JT	JOINT

STRUCTURAL ABBREVIATION LEGEND

K	KIP (1000 POUNDS)
KLF	KIPS PER LINEAR FOOT
KSI	KIPS PER SQUARE INCH
LB/LBS	POUNDS
LF	LINEAR FOOT,FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION(S)
LP	LOW POINT
LVL	LEVEL
LW	LIGHTWEIGHT
MANUF	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
(N)	NEW
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER/DIMENSION
OF	OUTSIDE FACE
OPN'G	OPENING(S)
OPP	OPPOSITE
P	PIER (SEE SCHEDULE)
PAF	POWDER ACTUATED FASTENER
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PEMB	PRE-ENGINEERED METAL BUILDING
PERF	PERFORATE(D)
PERIM	PERIMETER
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PREFAB	PREFABRICATED
PREFIN	PREFINISH(ED)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST TENSION(FD)(ING)
QTY	QUANTITY
R	RADIUS,RADII
RC	REINFORCED CONCRETE
RD	ROOF DRAIN
REINF	REINFORCING, REINFORCEMENT
REQ('D)	REQUIRE(D)
REV	REVIS(E)(ED)(ION)
RTU	ROOF TOP UNITS
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SL	SNOW LOAD
SOG	SLAB ON GRADE
SPA	SPACE OR SPACING
SQ	SQUARE
SQ(FT)	SQUARE FOOT/FEET
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTUR(E)(AL)
T&B	TOP&BOTTOM
T/	TOP OF
TBE	TOP OF BEAM ELEVATION
TDE	TOP OF DECK ELEVATION
TEMP	TEMPORARY
TFE	TOP OF FOOTING ELEVATION
THRD	THREAD(ED)
TJE	TOP OF JOIST ELEVATION
TLE	TOP OF LEDGE ELEVATION
TME	TOP OF MASONRY ELEVATION
TO	TOP OF
TOS	TOP OF STEEL
TPG	TOPPING
TRTD	TREATED
TS	THICKENED SLAB
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WF	WIDE FLANGE
WGHT	WEIGHT
WP	WORK POINT
WT	STRUCTURAL TEE(STRUCT SHAPE)
WWR	WELDED WIRE REINFORCEMENT

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

Expiration Date: 3/31/2026
Certificate of Authorization: 021475

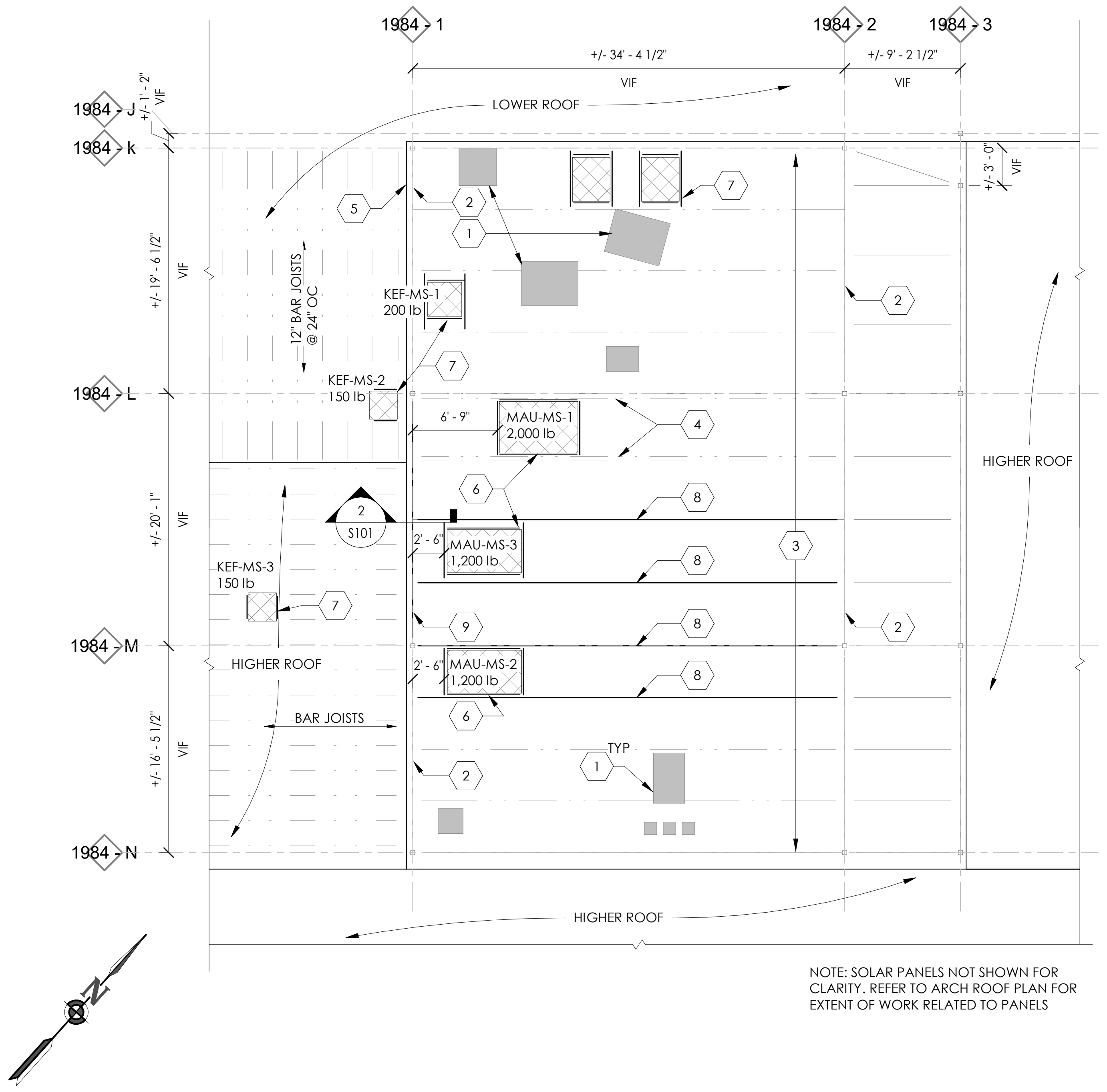
#	DATE	DESCRIPTION

Drawn By:	MGM
Checked By:	CLS
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GEN. NOTES & DESIGN CRITERIA

Sheet No.
WMS S001

CONSTRUCTION DOCUMENTS



NOTE: SOLAR PANELS NOT SHOWN FOR CLARITY. REFER TO ARCH ROOF PLAN FOR EXTENT OF WORK RELATED TO PANELS

1 ROOF FRAMING PLAN AT KITCHEN

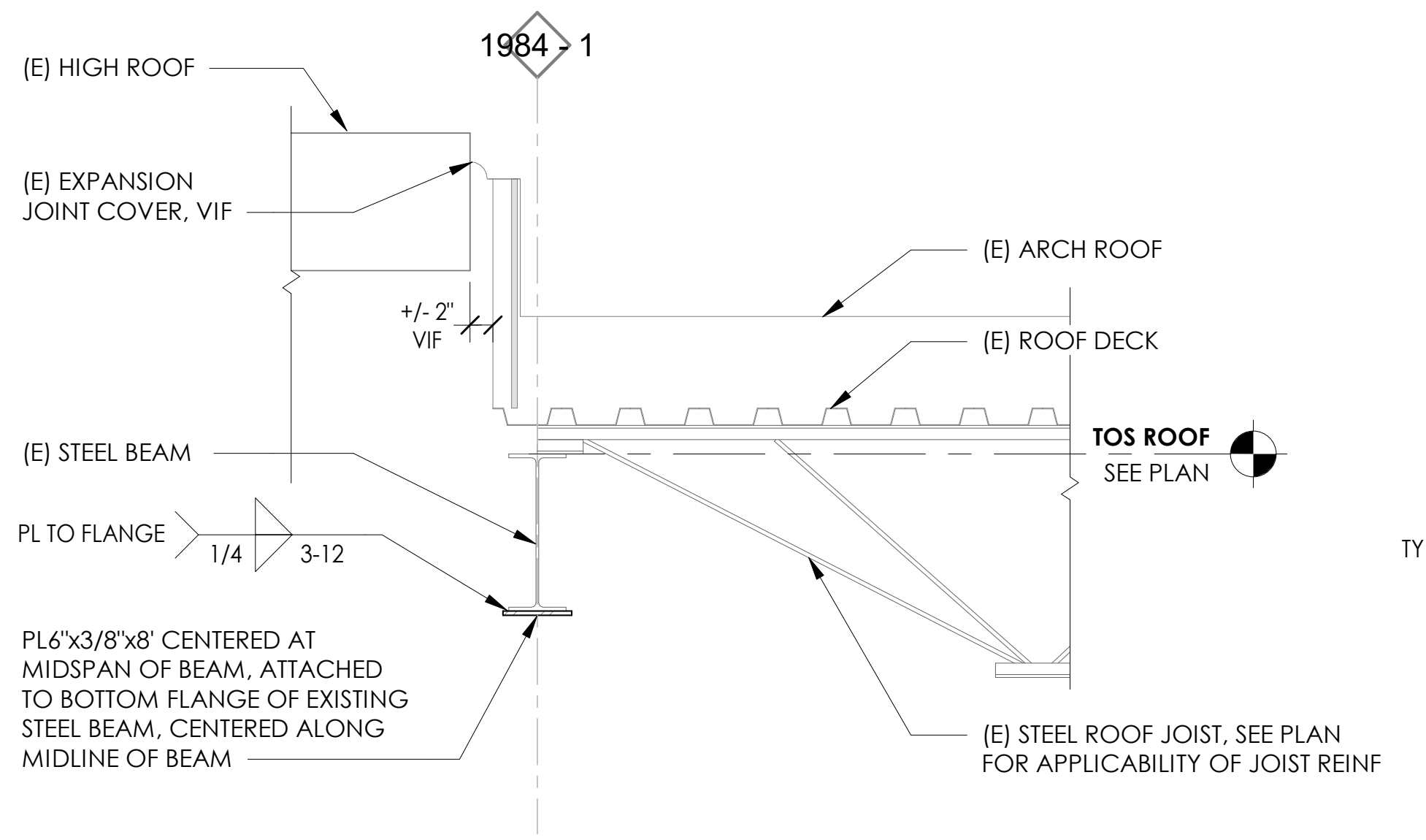
0' 2' 4' 8' 16'
1/8" = 1'-0"

ROOF FRAMING PLAN KEYNOTES

#	
1	EXISTING RTU, SEE MECH
2	EXISTING WIDE FLANGE BEAM, VIF
3	EXISTING STEEL JOIST TO REMAIN, VIF
4	EXISTING DOUBLE STEEL JOIST TO REMAIN, VIF
5	FALL PROTECTION, SEE ARCH
6	(N) L6x4x3/8" (LLV) SUBFRAMING BELOW RTU CURB, COORDINATE LOCATIONS AND EXTENTS WITH MECH AND ARCH, SEE DETAIL
7	(N) L4x4x3/8" SUBFRAMING BELOW RTU CURB, COORDINATE LOCATIONS AND EXTENTS WITH MECH AND ARCH, SEE DETAIL
8	NEW REINFORCMENT OF EXISTING STEEL JOIST, SEE DETAILS 3, 4, 5, & 6 THIS SHEET
9	NEW REINFORCMENT OF EXISTING STEEL BEAM, SEE DETAIL 2 THIS SHEET

ROOF FRAMING PLAN NOTES

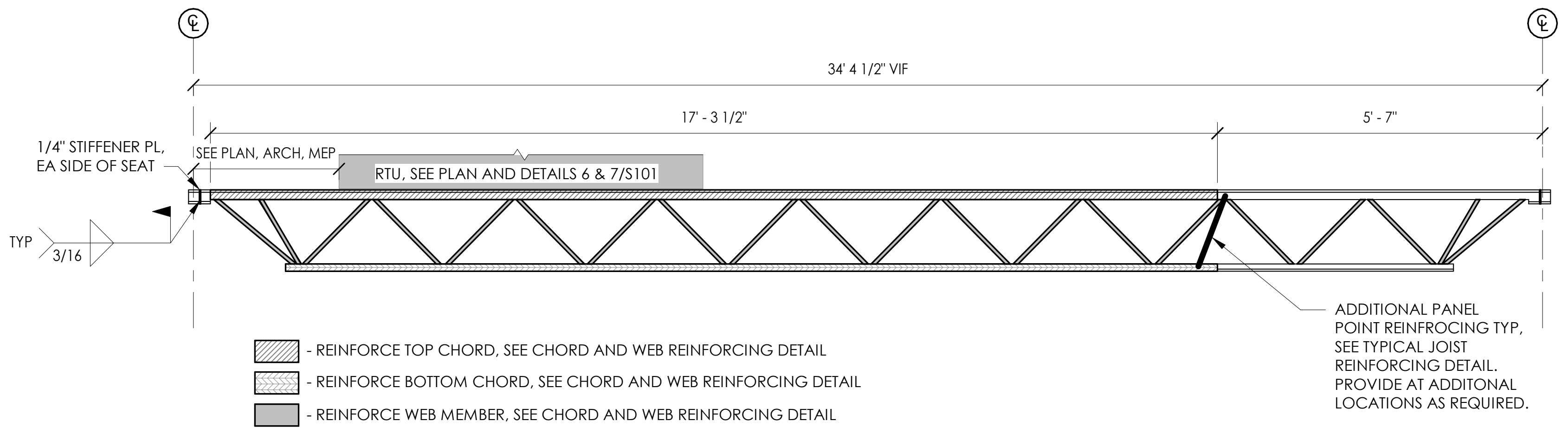
1. SEE SHEET S001 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
2. SEE THIS SHEET FOR TYPICAL DETAILS.
3. TOP OF EXSITING STEEL ELEVATION = + 13' - 3" ABOVE FINISHED FLOOR ELEVATION = 0' - 0", UNLESS OTHERWISE NOTED ON PLAN AS (+\- X' - X") RELATIVE TO TOP OF STEEL REFERENCE ELEVATION.
4. SEE ARCH AND MEP DRAWINGS FOR REQUIRED THRU-DECK OPENINGS.
5. ALL DIMENSIONS BETWEEN AND RELATING TO EXISTING COLUMN GRIDS TO BE VERIFIED IN FIELD.


1984 - 1
(E) HIGH ROOF
(E) EXPANSION JOINT COVER, VIF
+/- 2" VIF
(E) ARCH ROOF
(E) ROOF DECK
TOS ROOF
SEE PLAN
(E) STEEL BEAM
PL TO FLANGE
1/4
3-12
PL6"x3/8"x8' CENTERED AT MIDSPAN OF BEAM, ATTACHED TO BOTTOM FLANGE OF EXISTING STEEL BEAM, CENTERED ALONG MIDLINE OF BEAM
(E) STEEL ROOF JOIST, SEE PLAN FOR APPLICABILITY OF JOIST REINF

NOTES: SHORE BEAM WHILE WELDIND DUE TO TEMPORARY LOSS OF STEEL STRENGTH DURING WELDING OPPERATIONS

2 FRAMING SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"

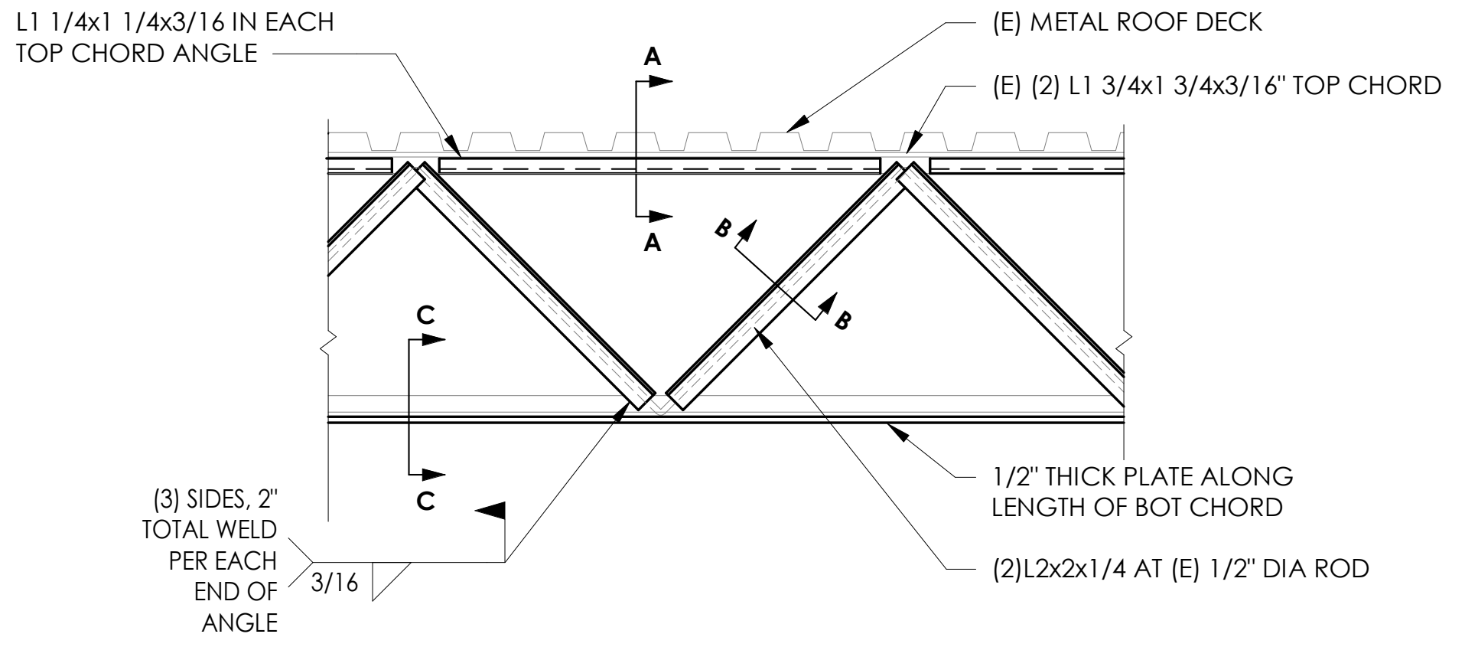

℄
℄
34' 4 1/2" VIF
17' - 3 1/2"
5' - 7"
1/4" STIFFENER PL, EA SIDE OF SEAT
SEE PLAN, ARCH, MEP
RTU, SEE PLAN AND DETAILS 6 & 7/S101
TYP
3/16
ADDITIONAL PANEL POINT REINFROCING TYP, SEE TYPICAL JOIST REINFORCING DETAIL. PROVIDE AT ADDITONAL LOCATIONS AS REQUIRED.

▨ - REINFORCE TOP CHORD, SEE CHORD AND WEB REINFORCING DETAIL
▨ - REINFORCE BOTTOM CHORD, SEE CHORD AND WEB REINFORCING DETAIL
▨ - REINFORCE WEB MEMBER, SEE CHORD AND WEB REINFORCING DETAIL

NOTE: ANY EXISTING JOIST TO BE WELDED SHALL BE COMPLETELY SHORED DUE TO TEMPORARY LOSS OF STEEL STRENGTH DURING WELDING OPERATIONS

3 TYPICAL JOIST REINFORCING PROFILE

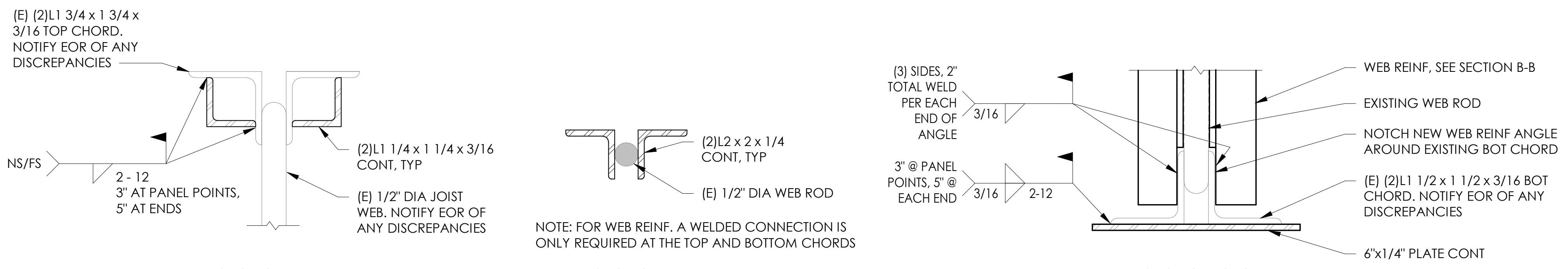
N.T.S.


L1 1/4x1 1/4x3/16 IN EACH TOP CHORD ANGLE
(E) METAL ROOF DECK
(E) (2) L1 3/4x1 3/4x3/16" TOP CHORD
A
A
B
B
C
C
(3) SIDES, 2" TOTAL WELD PER EACH END OF ANGLE
3/16
1/2" THICK PLATE ALONG LENGTH OF BOT CHORD
(2)L2x2x1/4 AT (E) 1/2" DIA ROD

NOTE: TOP CORD REINF CAN BE INTERRUPTED IN 8" SEGMENTS TO ATTACH WEB REINFORCEMENT

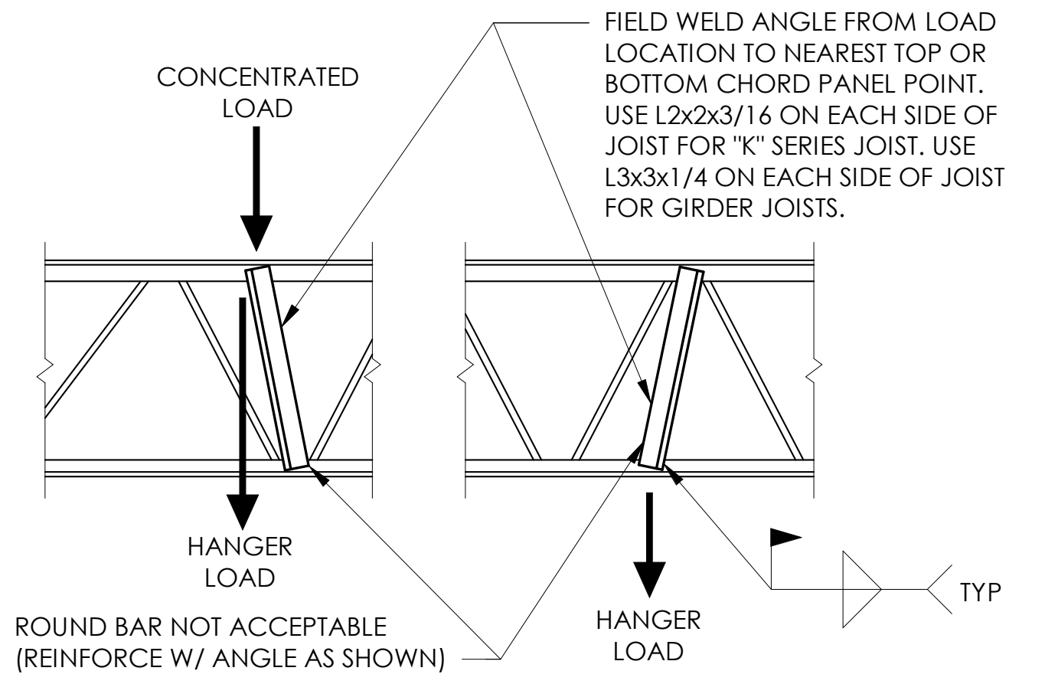
4 TYPICAL CHORD AND WEB REINFORCING DETAIL

N.T.S.


(E) (2)L1 3/4 x 1 3/4 x 3/16 TOP CHORD. NOTIFY EOR OF ANY DISCREPANCIES
NS/FS
2 - 12
3" AT PANEL POINTS, 5" AT ENDS
(2)L1 1/4 x 1 1/4 x 3/16 CONT, TYP
(E) 1/2" DIA JOIST WEB. NOTIFY EOR OF ANY DISCREPANCIES
SECTION A-A
(2)L2 x 2 x 1/4 CONT, TYP
(E) 1/2" DIA WEB ROD
NOTE: FOR WEB REINF. A WELDED CONNECTION IS ONLY REQUIRED AT THE TOP AND BOTTOM CHORDS
SECTION B-B
(3) SIDES, 2" TOTAL WELD PER EACH END OF ANGLE
3/16
3" @ PANEL POINTS, 5" @ EACH END
3/16
2-12
WEB REINF, SEE SECTION B-B
EXISTING WEB ROD
NOTCH NEW WEB REINF ANGLE AROUND EXISTING BOT CHORD
(E) (2)L1 1/2 x 1 1/2 x 3/16 BOT CHORD. NOTIFY EOR OF ANY DISCREPANCIES
6"x1/4" PLATE CONT
SECTION C-C

5 TYPICAL CHORD AND WEB REINFORCING DETAIL

N.T.S.

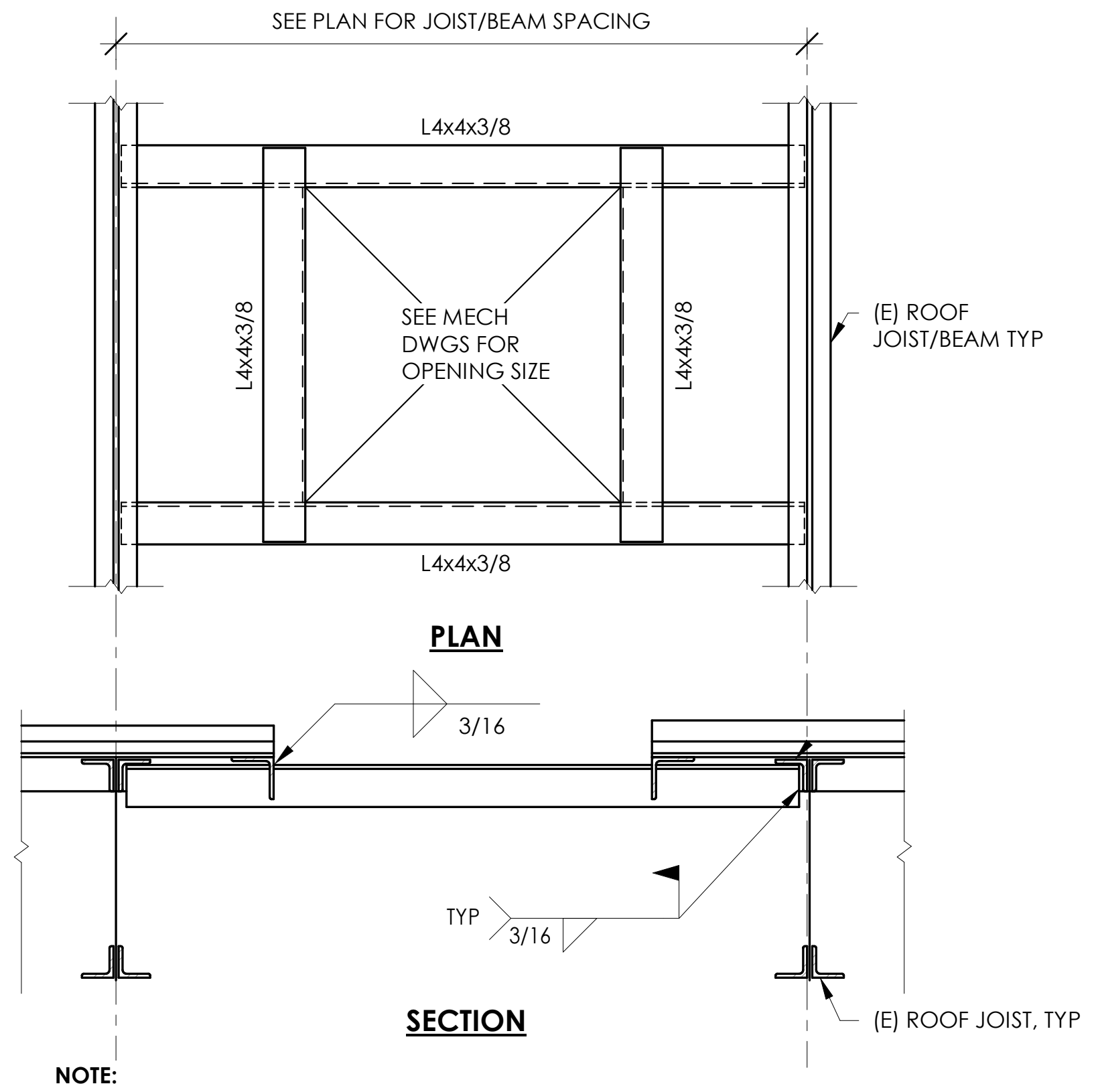

CONCENTRATED LOAD
FIELD WELD ANGLE FROM LOAD LOCATION TO NEAREST TOP OR BOTTOM CHORD PANEL POINT. USE L2x2x3/16 ON EACH SIDE OF JOIST FOR "K" SERIES JOIST. USE L3x3x1/4 ON EACH SIDE OF JOIST FOR GIRDER JOISTS.
HANGER LOAD
HANGER LOAD
ROUND BAR NOT ACCEPTABLE (REINFORCE W/ ANGLE AS SHOWN)
TYP

NOTES:

1. MODIFICATION IS TYP FOR ALL JOISTS SUPPORTING LOAD FROM TOP OR BOTTOM CHORD BETWEEN PANEL POINTS. VERIFY LOCATION AND NUMBER OF LOADS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. JOIST MANUFACTURER TO SHOW REINFORCING AT ALL CONCENTRATED LOADS WHOSE EXACT LOCATION IS SHOWN ON DRAWINGS.
3. ANY EXISTING JOIST TO BE WELDED SHALL BE COMPLETELY SHORED DUE TO TEMPORARY LOSS OF STEEL STRENGTH DURING WELDING OPERATIONS.
4. TEMPORARY SHORING IS BY THE CONTRACTOR'S DELEGATED DESIGN ENGINEER.

6 TYPICAL JOIST REINFORCING DETAIL

N.T.S.

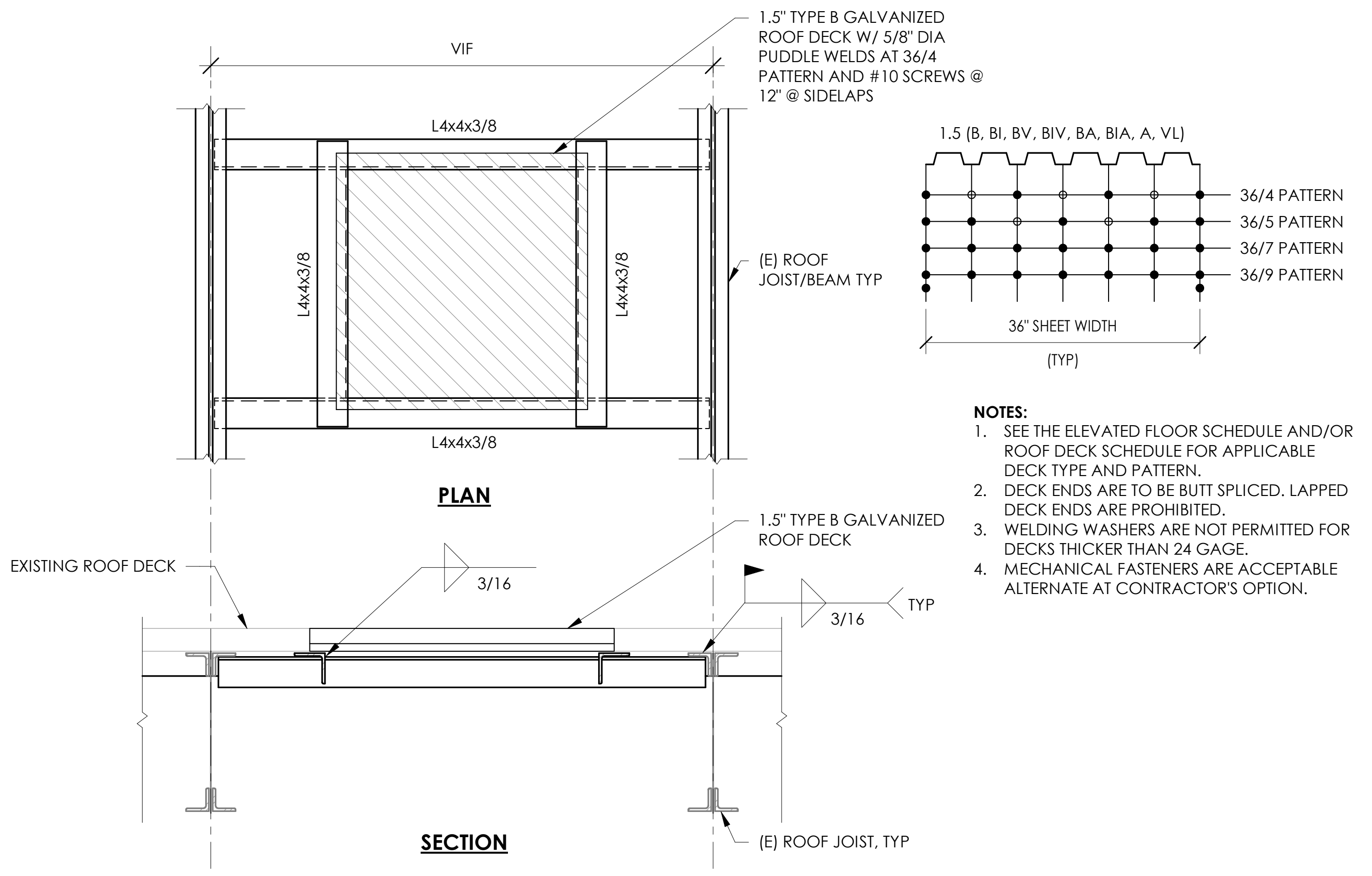


NOTE:

1. COORDINATE OPENING SIZE AND LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. INSTALL OPENING FRAME TIGHT UNDER EXISTING ROOF DECK.
3. CUT OPENING IN EXISTING ROOF.

7 TYPICAL OPENING IN EXISTING ROOF

N.T.S.



NOTES:

1. SEE THE ELEVATED FLOOR SCHEDULE AND/OR ROOF DECK SCHEDULE FOR APPLICABLE DECK TYPE AND PATTERN.
2. DECK ENDS ARE TO BE BUTT SPLICED. LAPPED DECK ENDS ARE PROHIBITED.
3. WELDING WASHERS ARE NOT PERMITTED FOR DECKS THICKER THAN 24 GAGE.
4. MECHANICAL FASTENERS ARE ACCEPTABLE ALTERNATE AT CONTRACTOR'S OPTION.

NOTE:

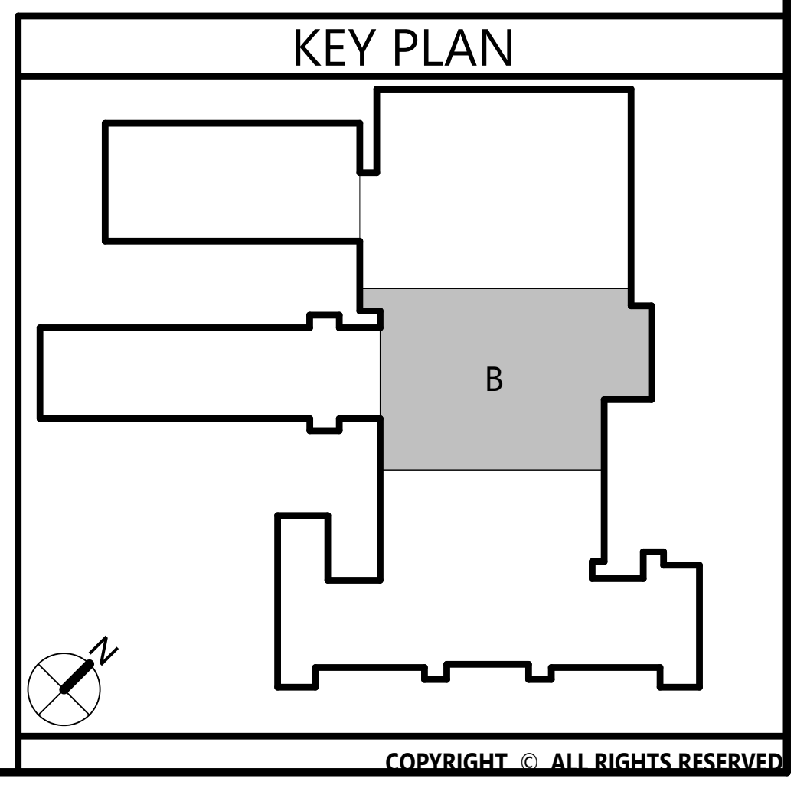
1. COORDINATE INFILL LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. INSTALL OPENING FRAME TIGHT UNDER EXISTING ROOF DECK.

8 TYPICAL ROOF INFILL AT EXISTING OPENING

N.T.S.

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/WCSD Washington MS - Ph 3_RVT24.rvt

KEY PLAN



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Consultant
PASSERO

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

Expiration Date: 3/31/2026
Certificate of Authorization: 021475

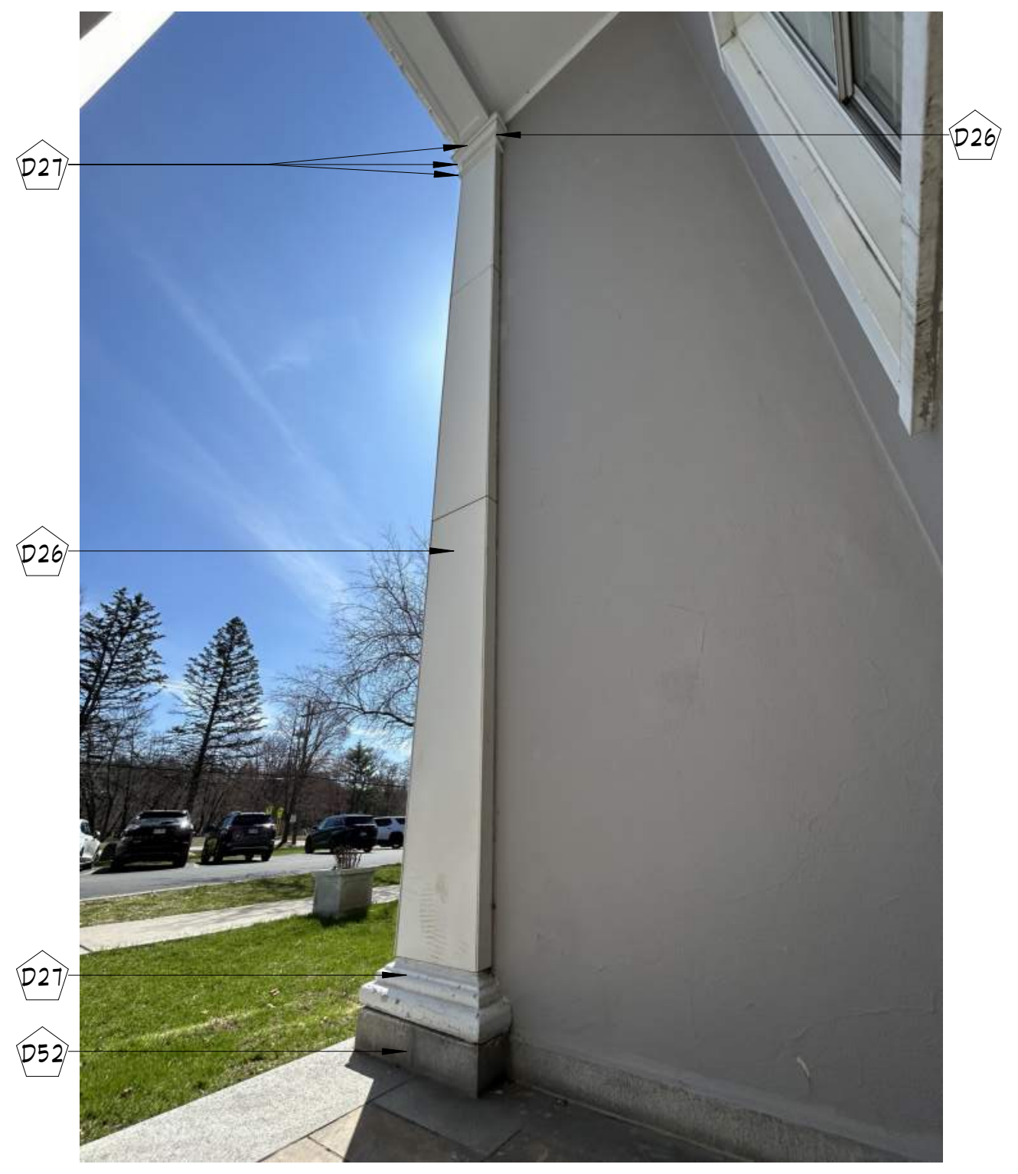
#	DATE	DESCRIPTION

Drawn By:	MGM
Checked By:	CLS
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

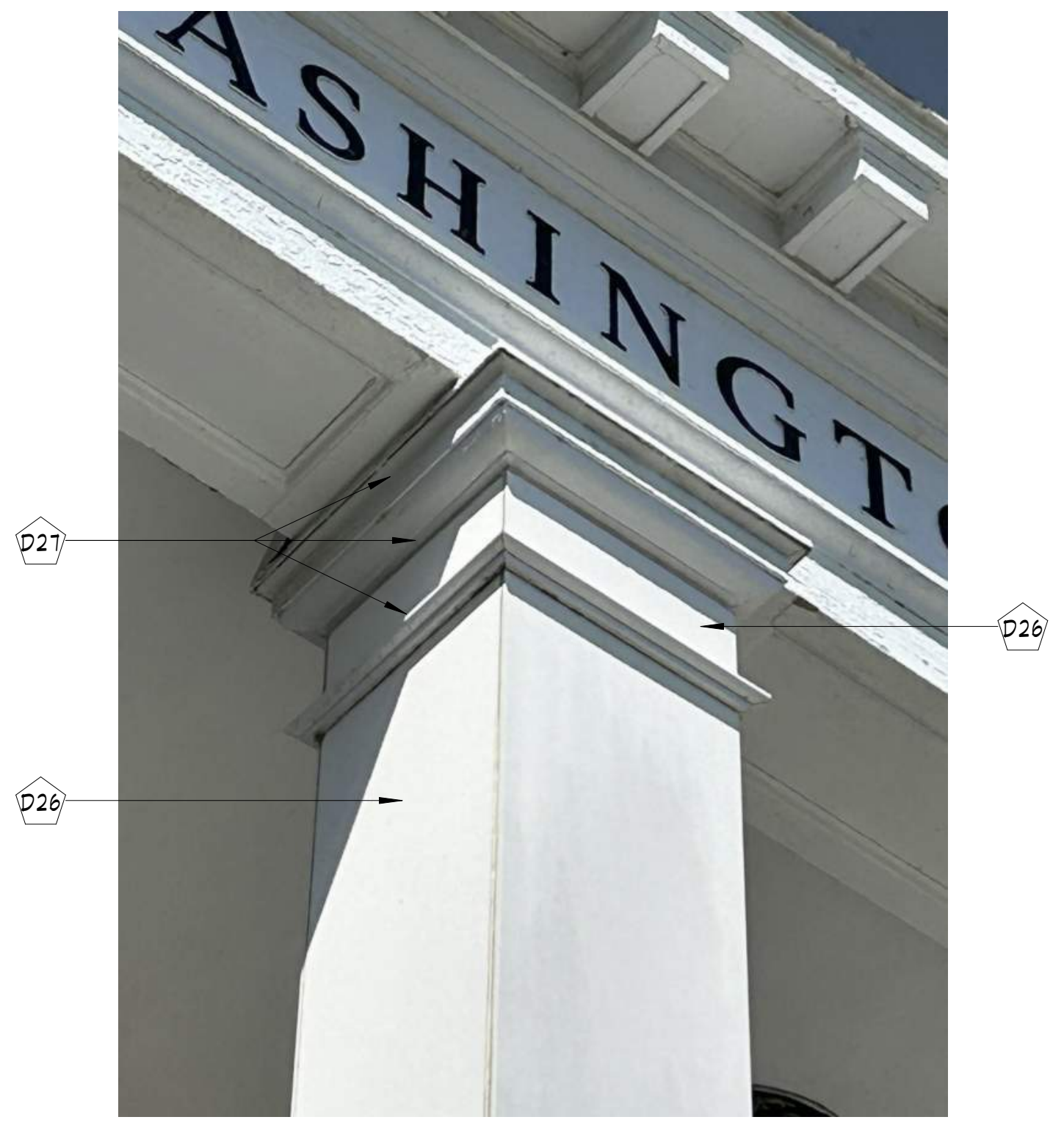
Sheet Title
ROOF
FRAMING
PLAN

Sheet No.
WMS
S101

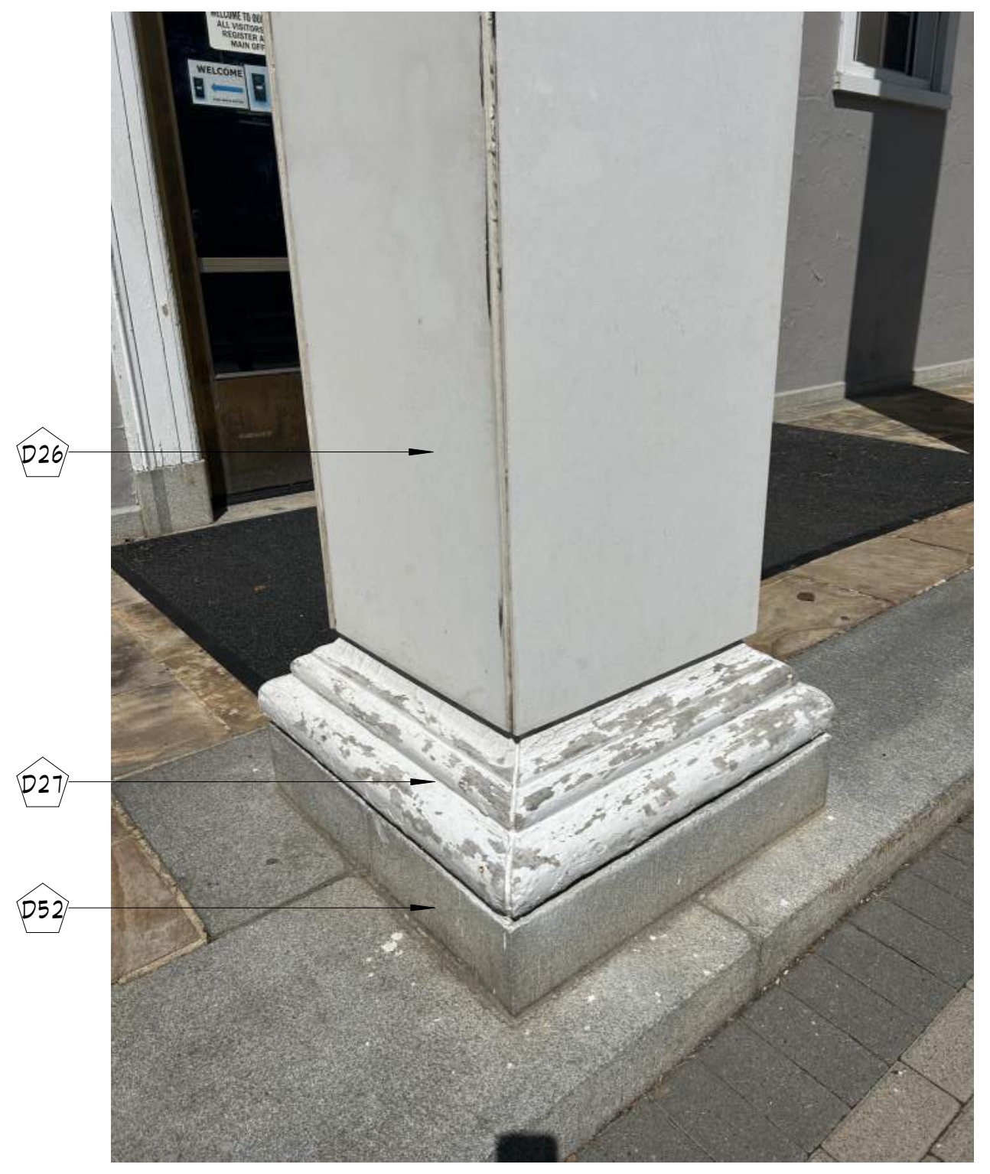
CONSTRUCTION DOCUMENTS



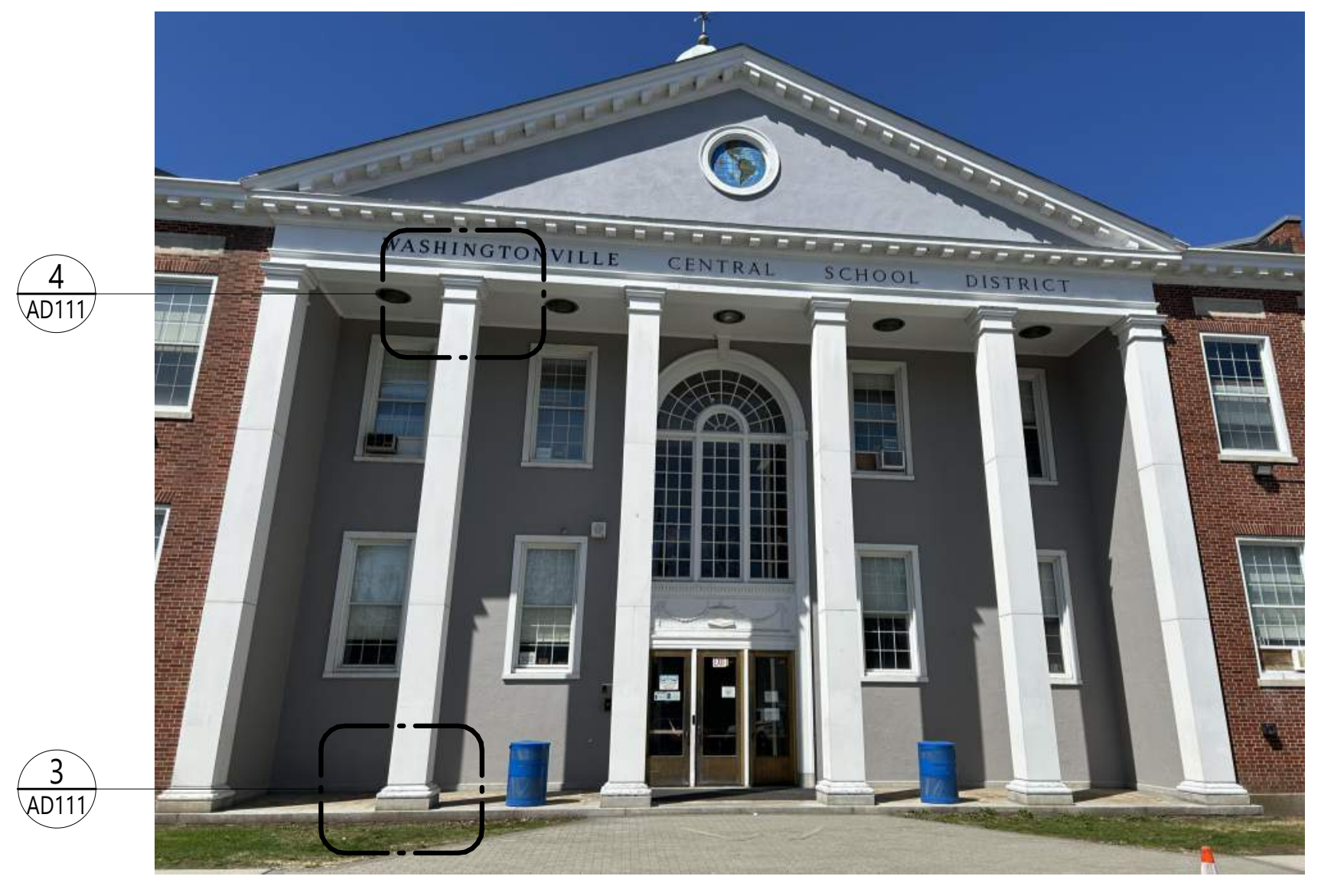
5 EC PHOTO - MAIN ENTRY COL @ WALL CORNER
AD111 12" = 1'-0"



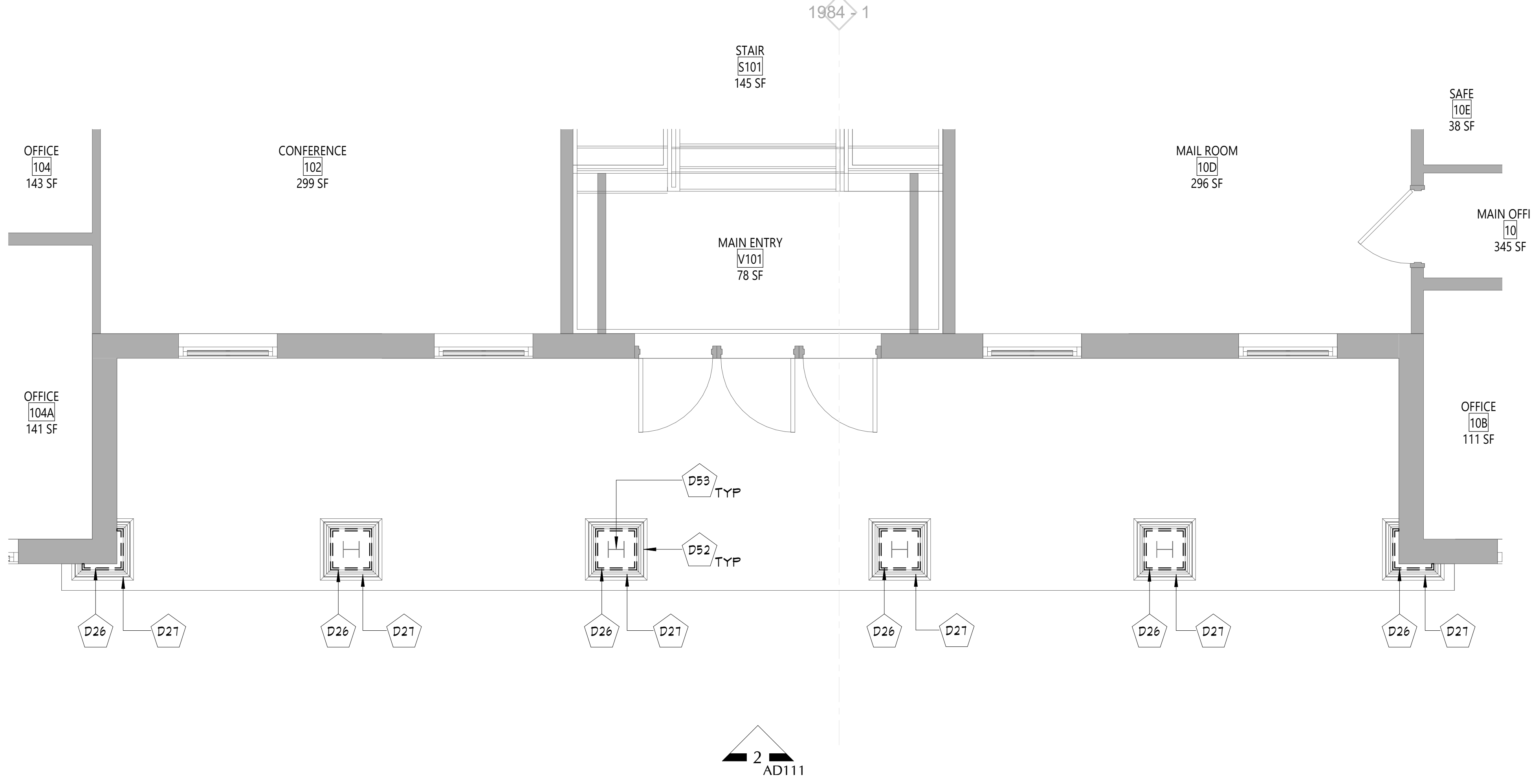
4 EC PHOTO - COLUMN TOP
AD111 Not to Scale



3 EC PHOTO - COLUMN BASE
AD111 Not to Scale



2 EC PHOTO - MAIN ENTRY COLUMNS
AD111 Not to Scale



1 MAIN ENTRY COLUMNS DEMO PLAN
AD111 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
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6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
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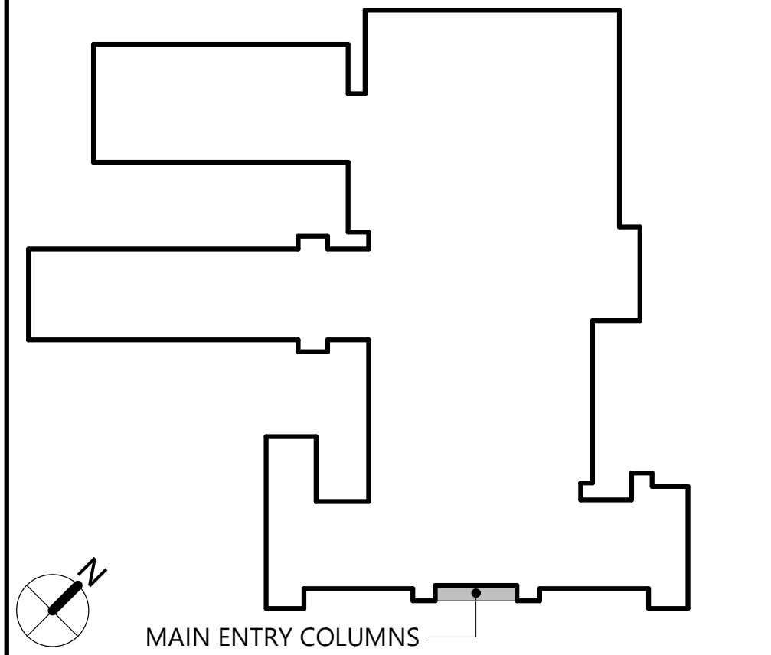
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

DEMOLITION KEYNOTES

	Description
D26	REMOVE AND DISPOSE OF EXISTING COLUMN ENCLOSURE AT FRONT OF BUILDING, INCLUDING ALL FASTENERS, SEALANTS, FRAMING, ETC. PREPARE EXISTING STEEL COLUMN AS REQUIRED FOR INSTALL OF NEW ENCLOSURE.
D27	CAERFULLY REMOVE EXISTING WOOD TRIM AT THE BASE AND AT THE TOP OF COLUMN AND SALVAGE FOR REINSTALLATION. CAREFULLY REMOVE ALL PAINT USING THE LEAST ABRASIVE METHOD AND PREP SURFACE TO RECEIVE NEW PAINT.
D52	EXISTING GRANITE BASE TO REMAIN. PROTECT DURING DEMOLITION.
D53	EXISTING STRUCTURAL STEEL COLUMN TO REMAIN. PROTECT DURING DEMOLITION.

KEY PLAN



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Consultant

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

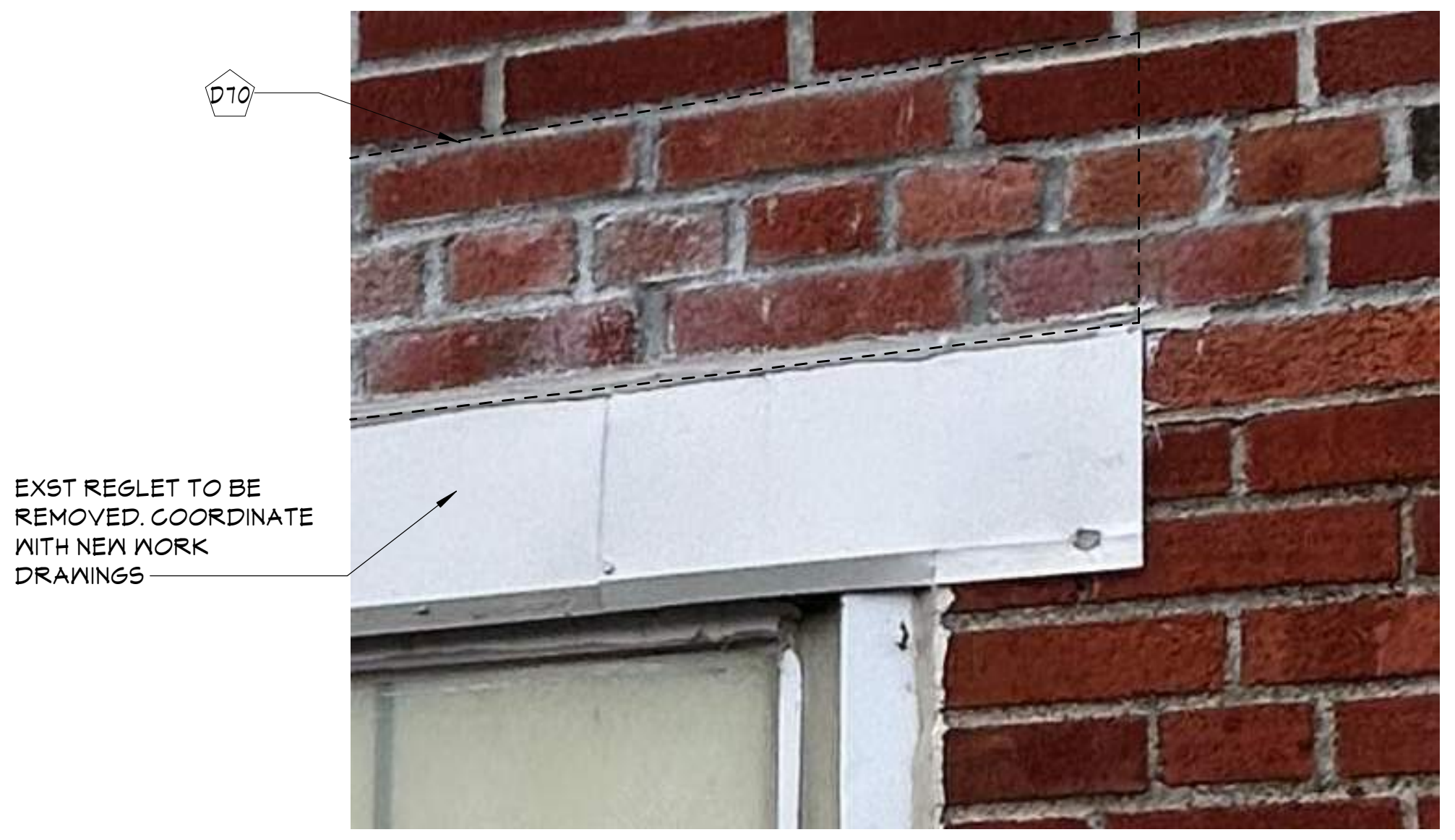
ENTRY
COLUMNS
DEMOLITION
PLAN

Sheet No.

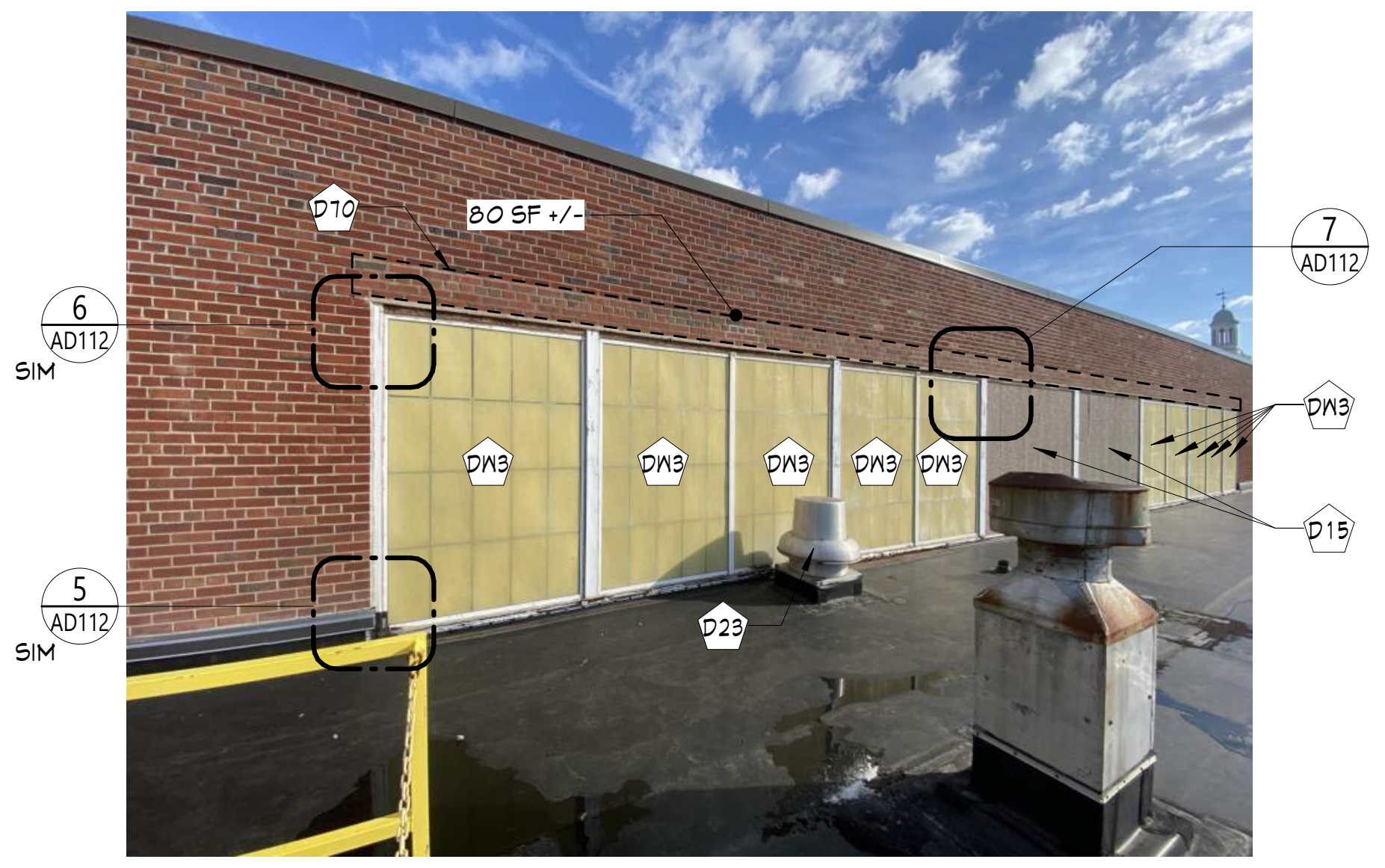
WMS
AD111

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt


D10
EXST REGLET TO BE REMOVED. COORDINATE WITH NEW WORK DRAWINGS

8 EC PHOTO - HEAD & JAMB DETAIL
AD112 12" = 1'-0"

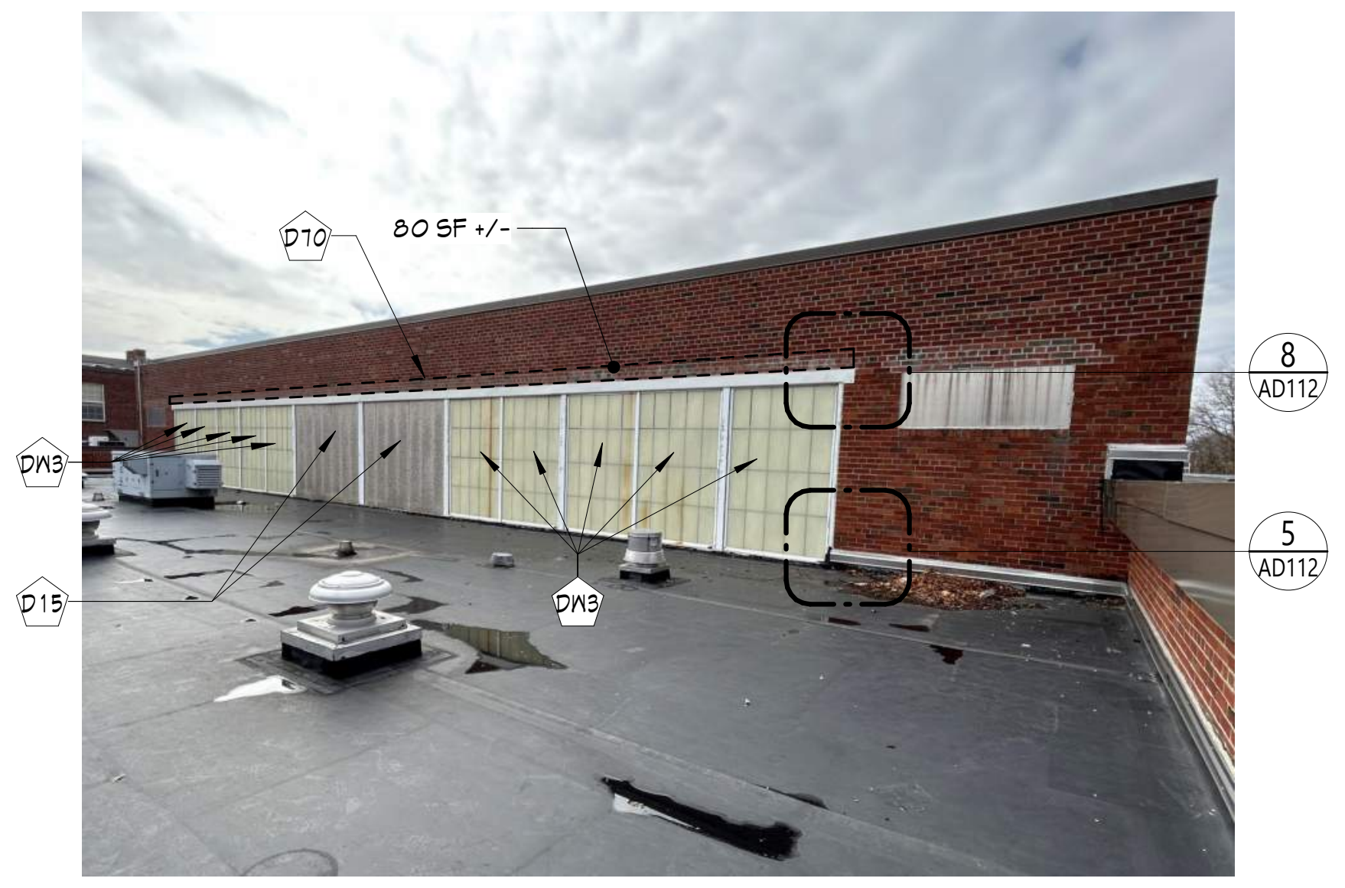


3 EC PHOTO - GYM SOUTH ELEV
AD112 Not to Scale

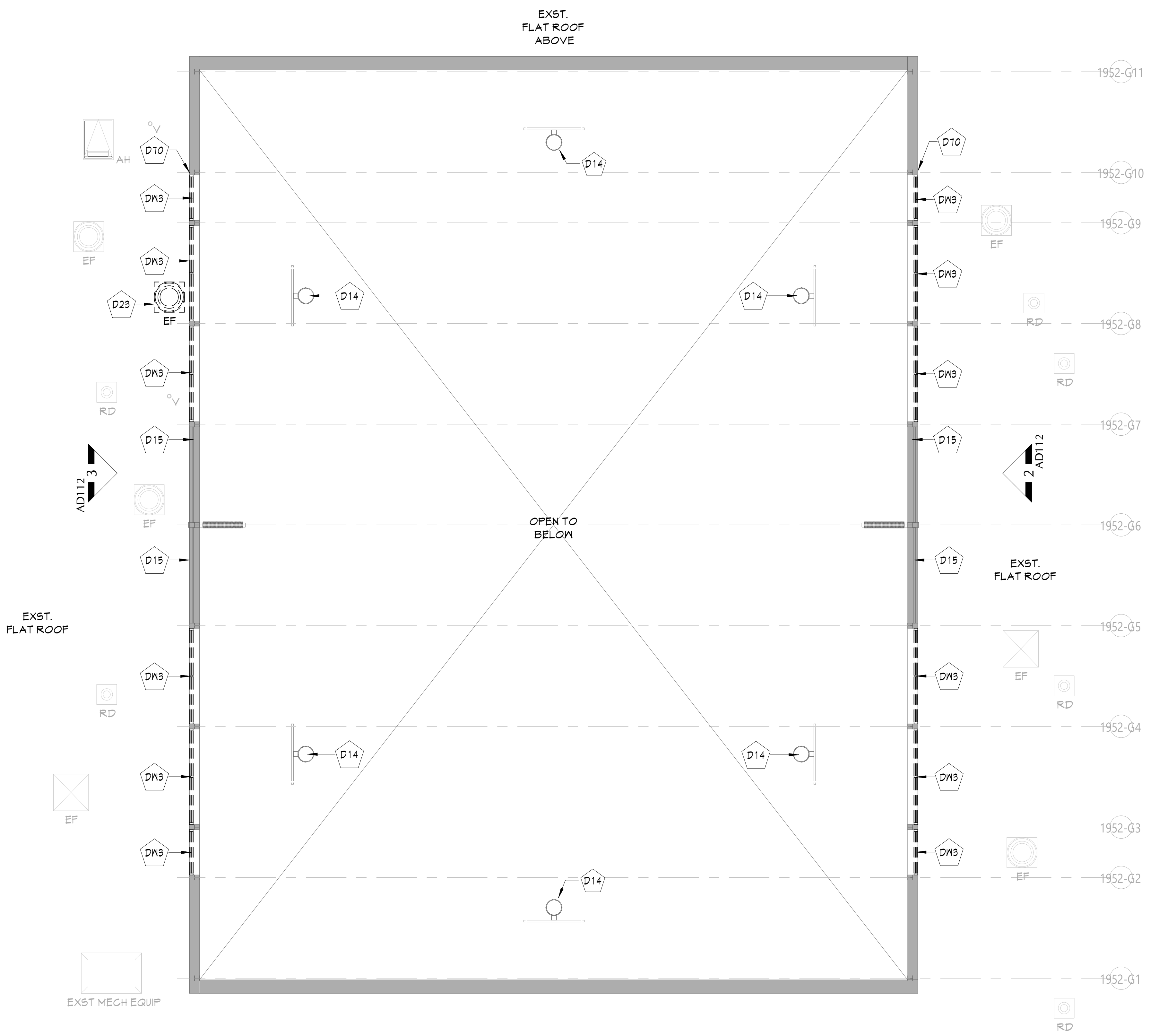
7 EC PHOTO - JAMB AT EXST COL
AD112 12" = 1'-0"

6 EC PHOTO - HEAD & JAMB DETAIL
AD112 12" = 1'-0"

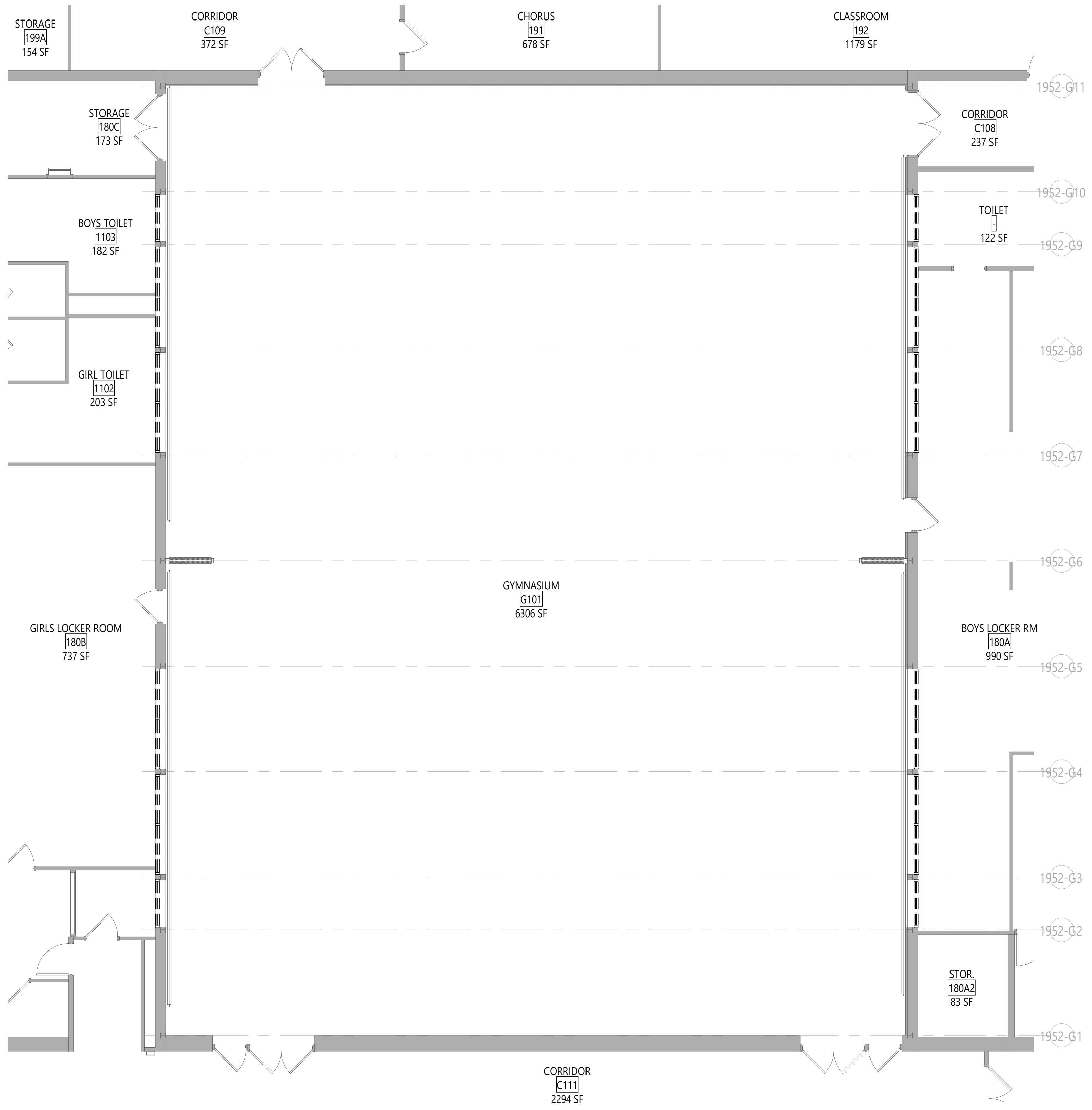
5 EC PHOTO - SILL DETAIL
AD112 12" = 1'-0"



2 EC PHOTO - GYM NORTH ELEV
AD112 Not to Scale



4 GYM DEMO PLAN UPPER LEVEL - ROOF
AD112 1/8" = 1'-0"



NOTE: FLOOR PLAN SHOWN FOR REFERENCE ONLY. SEE 2/AD112 FOR SCOPE OF WORK.

1 GYM DEMO PLAN
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16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

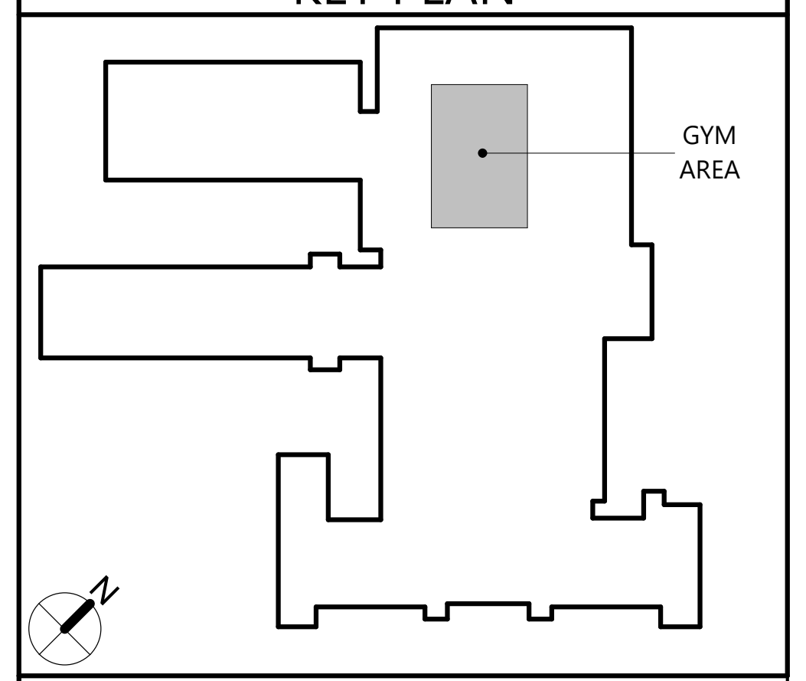
WINDOW DEMOLITION NOTES

1. ALL EXISTING COMPONENTS INSTALLED WITH THE EXISTING WINDOWS SHALL BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY, U.N.O.

DEMOLITION KEYNOTES

	Description
D14	EXISTING BASKETBALL BACKSTOP TO REMAIN. PROTECT DURING DEMOLITION.
D15	EXISTING TEXTURED WALL PANEL SYSTEM TO REMAIN. PROTECT DURING DEMOLITION.
D23	TEMPORARILY DISCONNECT, REMOVE, AND STORE THE EXISTING EXHAUST FAN TO ACCOMMODATE REMOVALS. COORDINATE EQUIPMENT SHUTDOWNS WITH OWNER AND CONSTRUCTION MANAGER. PROTECT EXISTING CURB DURING DEMOLITION.
D10	ABOVE LINTEL, RAKE-OUT MASONRY JOINTS TO DEPTH OF 3/4" MIN. CLEAN JOINTS THOROUGHLY OF DEBRIS AND LOOSE MATERIAL. PROVIDE REPOINTING OF JOINTS WITH SPECIFIED MORTAR.
DW3	REMOVE EXISTING TRANSLUCENT WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING FRAMES, VENTS, GLAZING UNITS, ANCHORS, AND RELATED ACCESSORIES.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By: Author
Checked By: Checker
Proj. #: 44-01-02-06-0-001-023
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

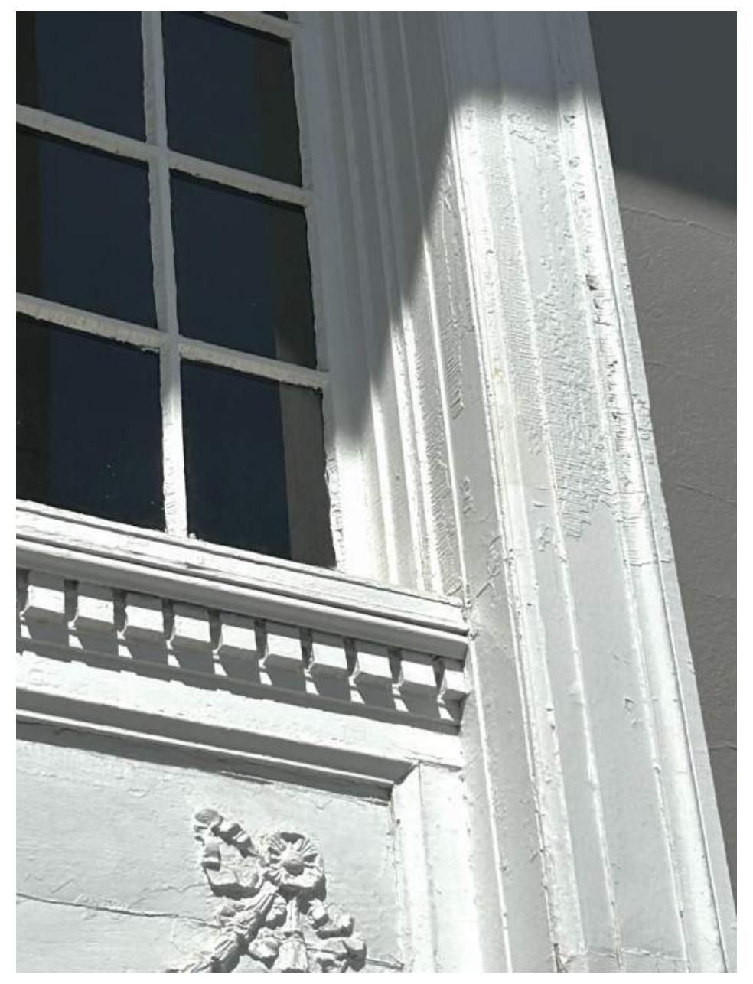
Sheet Title

GYMNASIUM
DEMOLITION
PLANS

Sheet No.

WMS
AD112

CONSTRUCTION DOCUMENTS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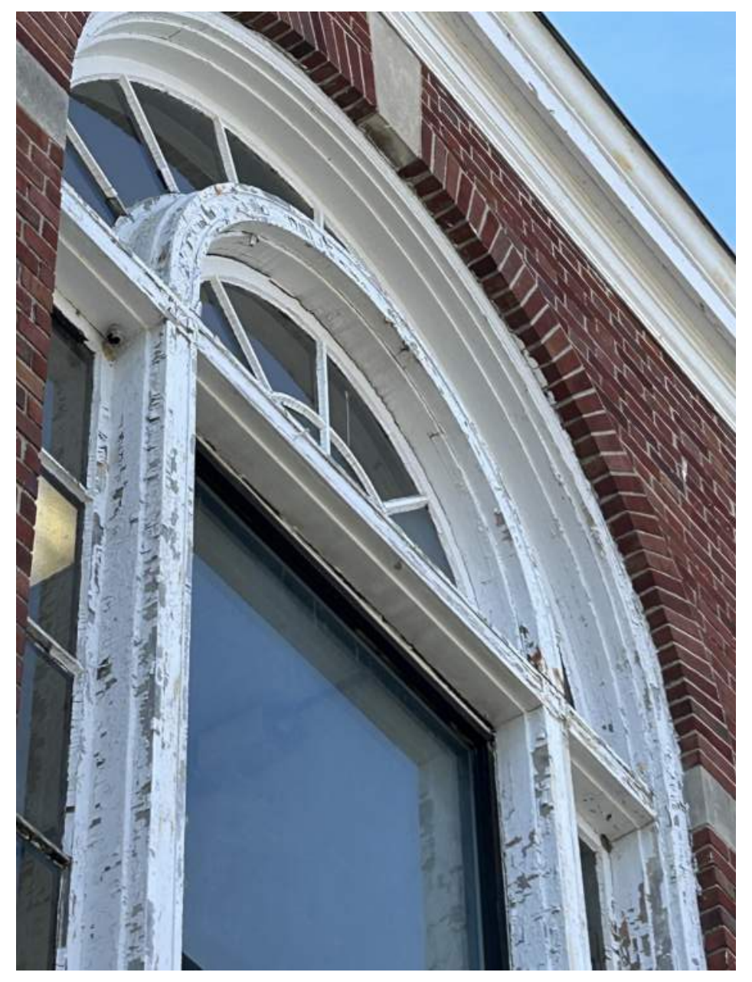
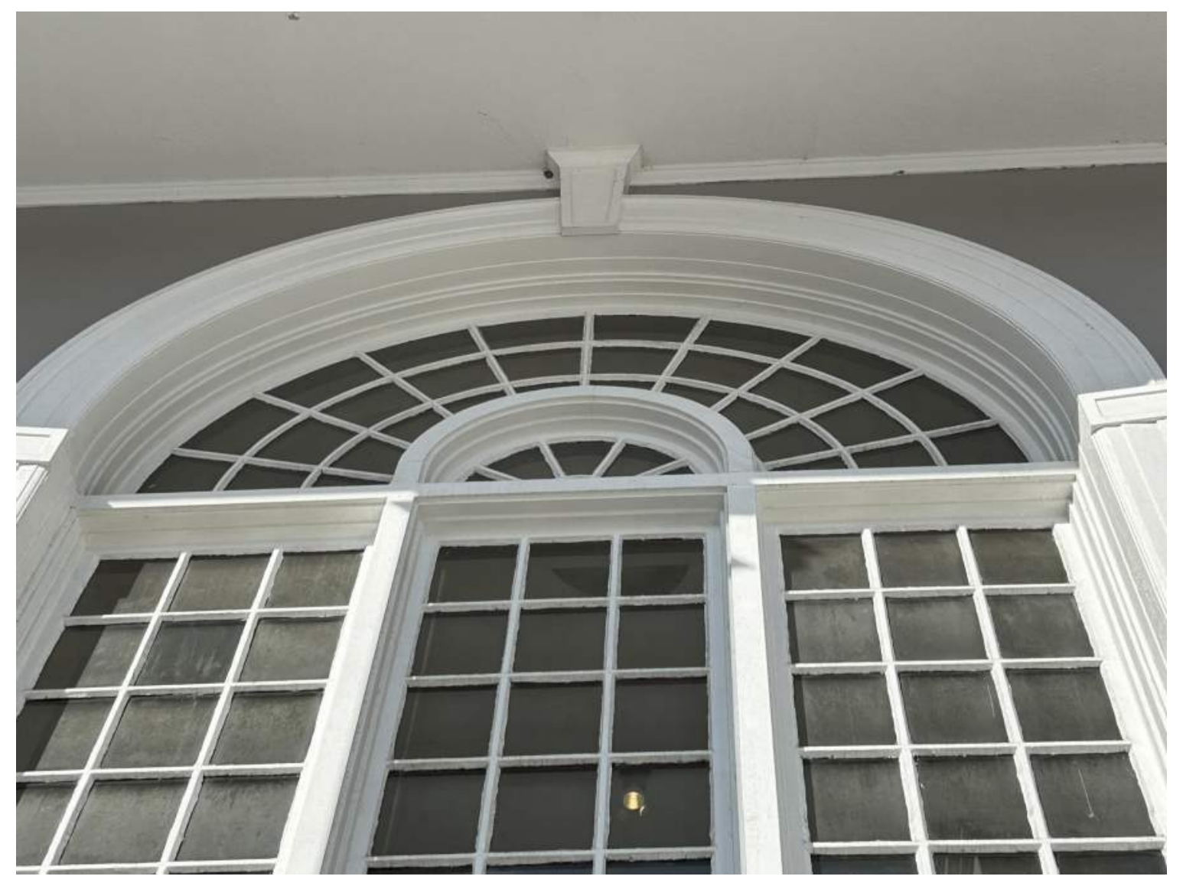
AD121 Not to Scale


12 EC PHOTO - KEYSTONE
AD121 Not to Scale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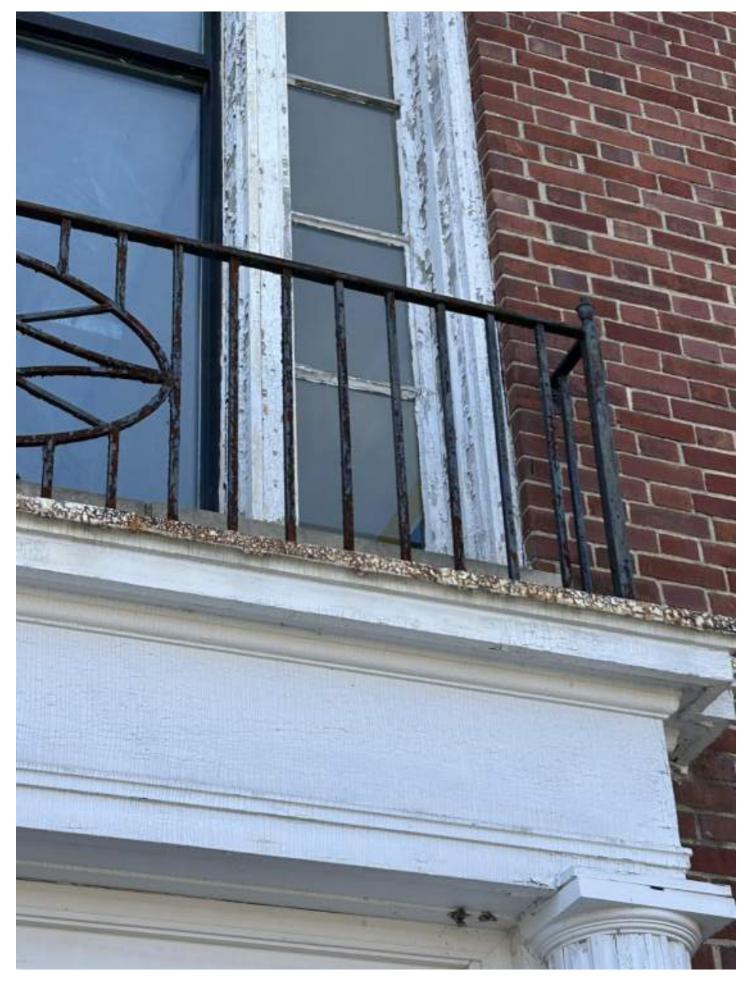
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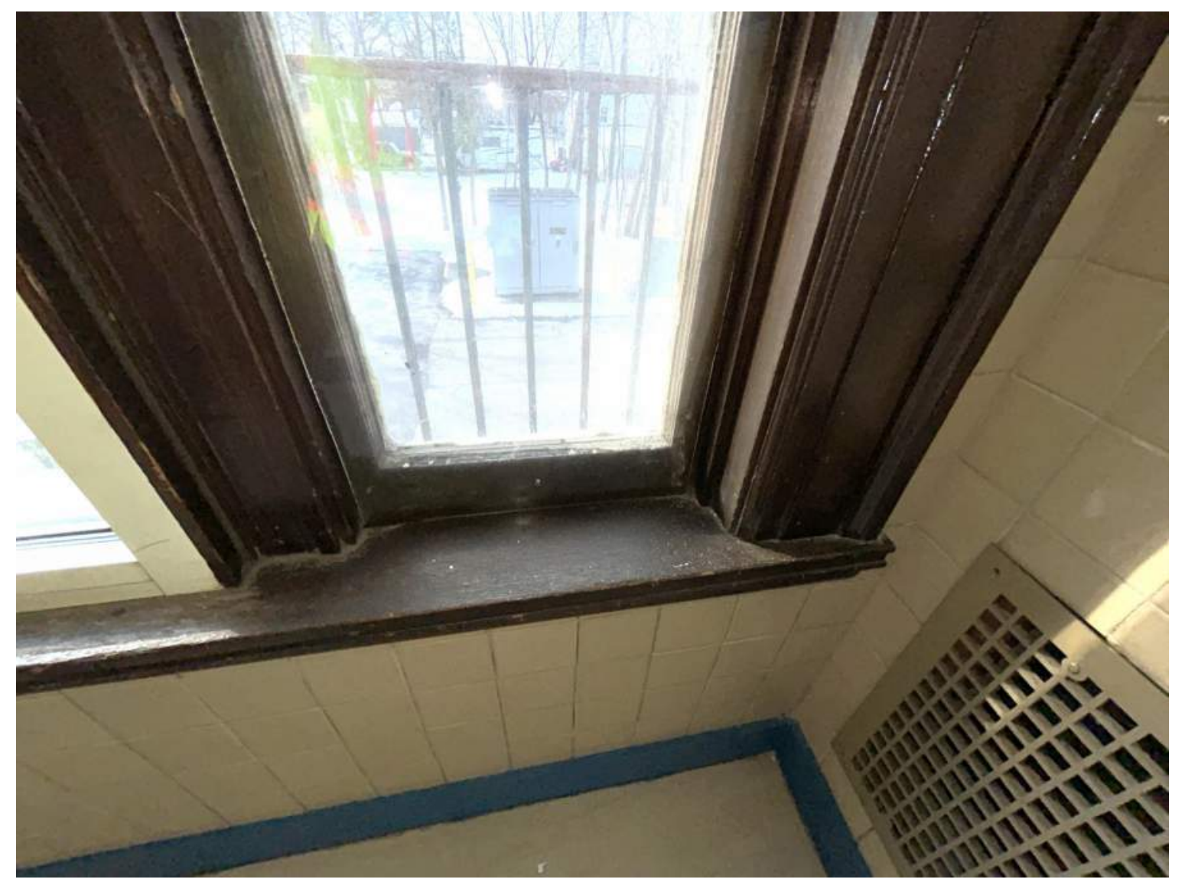
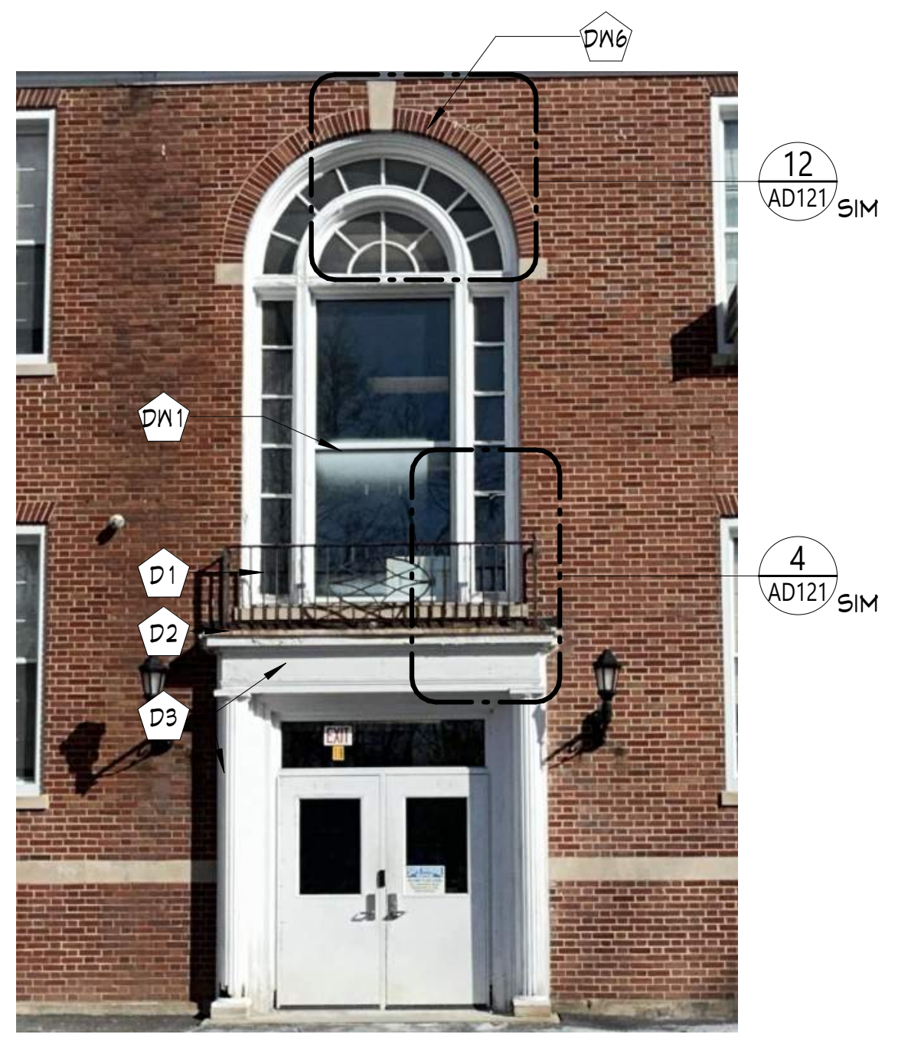

14 P3-EC PHOTO-SOUTH WINDOW SILL
AD121 Not to Scale



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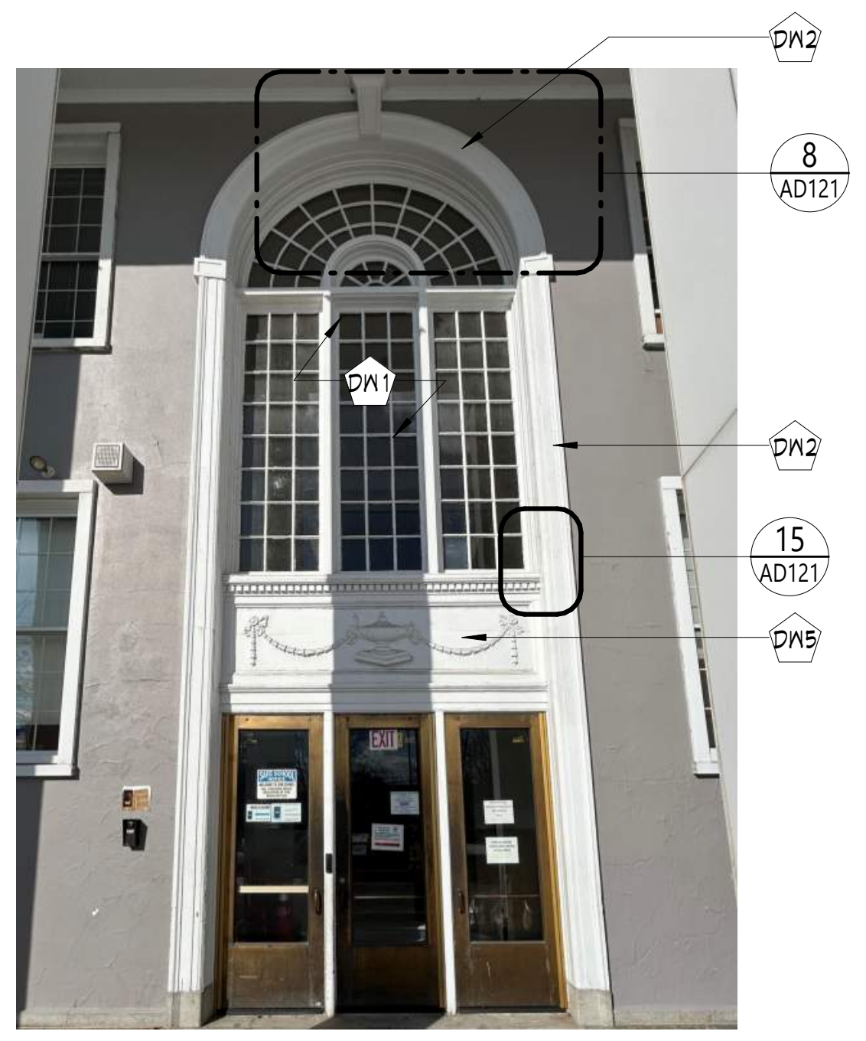

7 EC PHOTO - MAIN WNDW (EXT)
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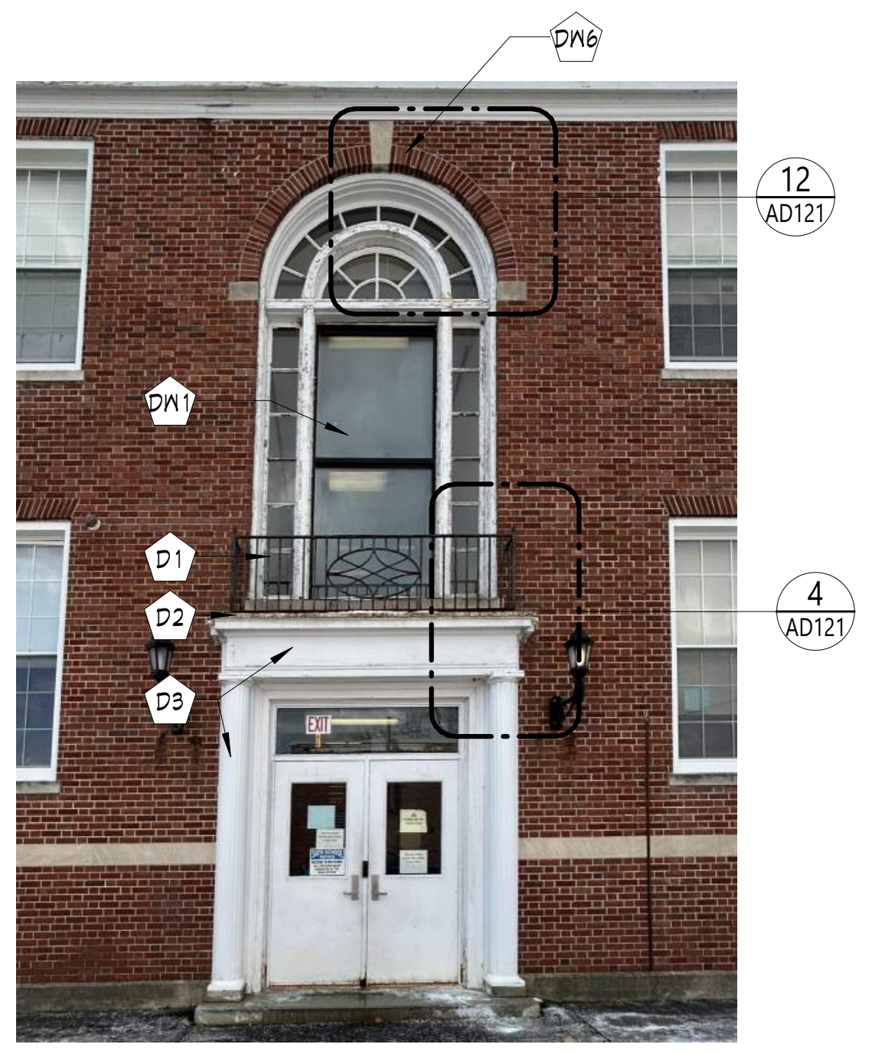
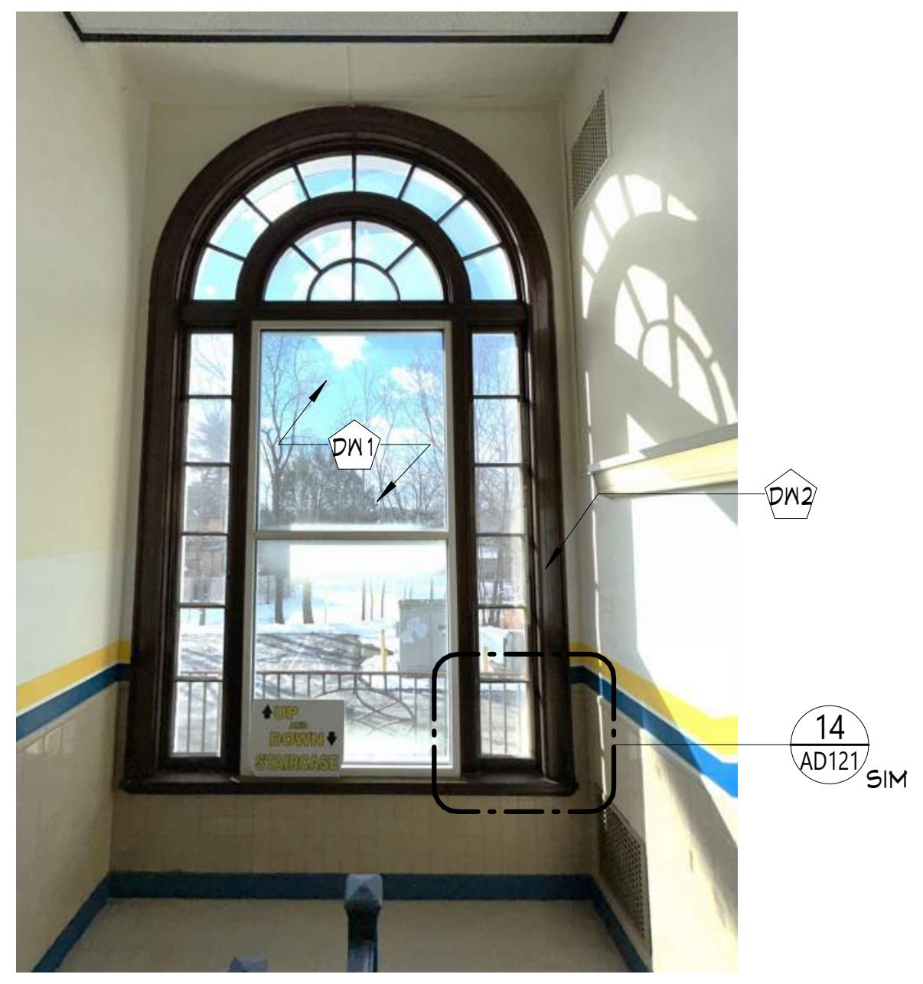


3 EC PHOTO - NORTH WNDW (EXT)
AD121 Not to Scale

13 EC PHOTO - INT WINDOW SILL @ MAIN
AD121 Not to Scale



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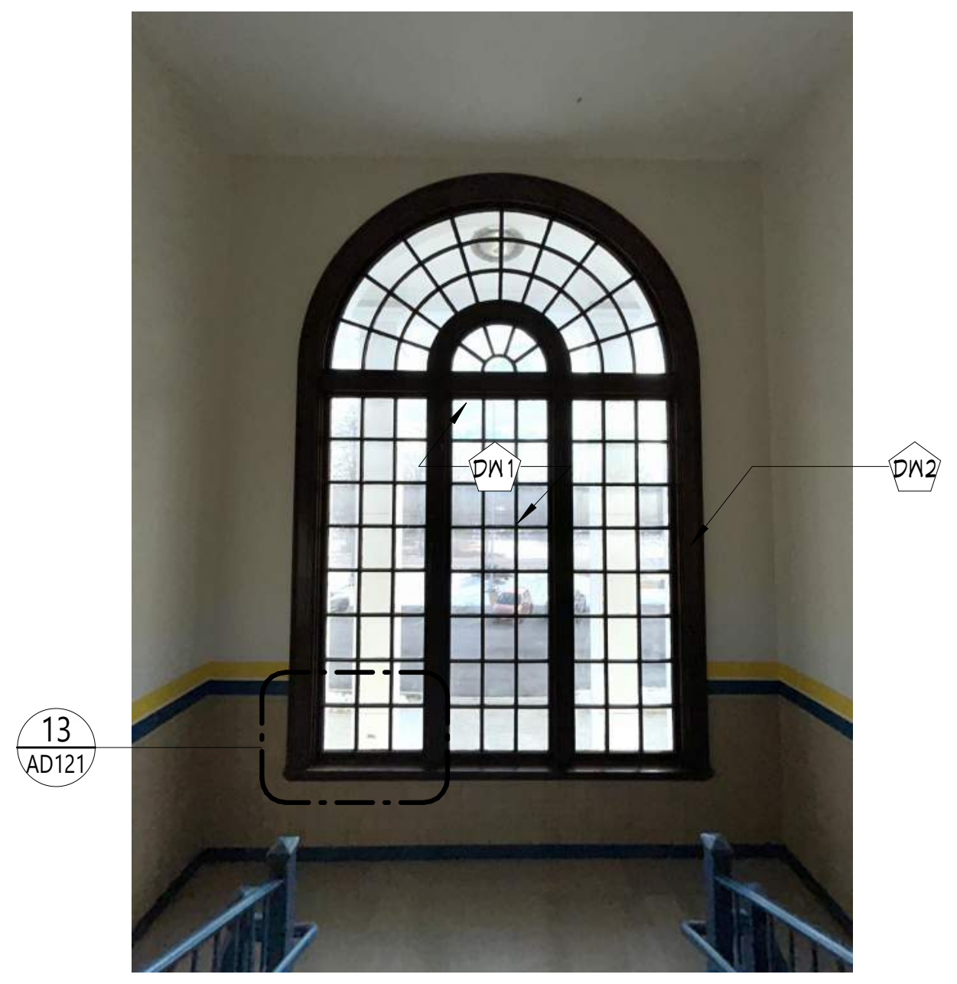

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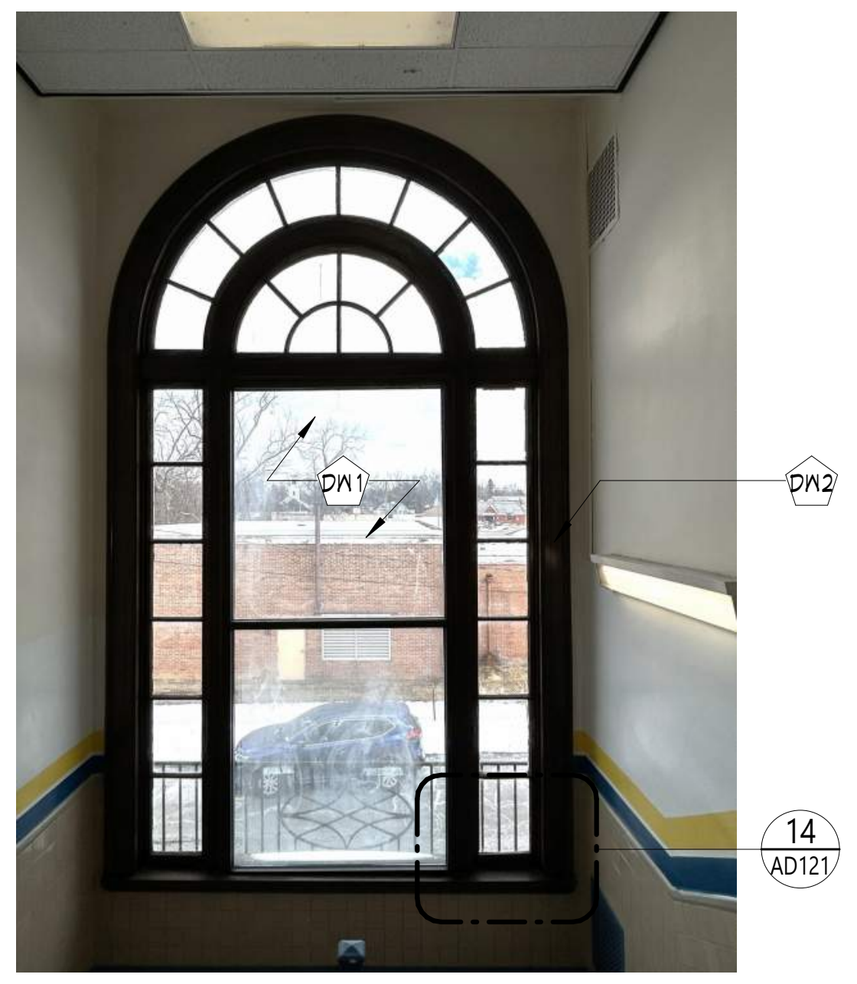

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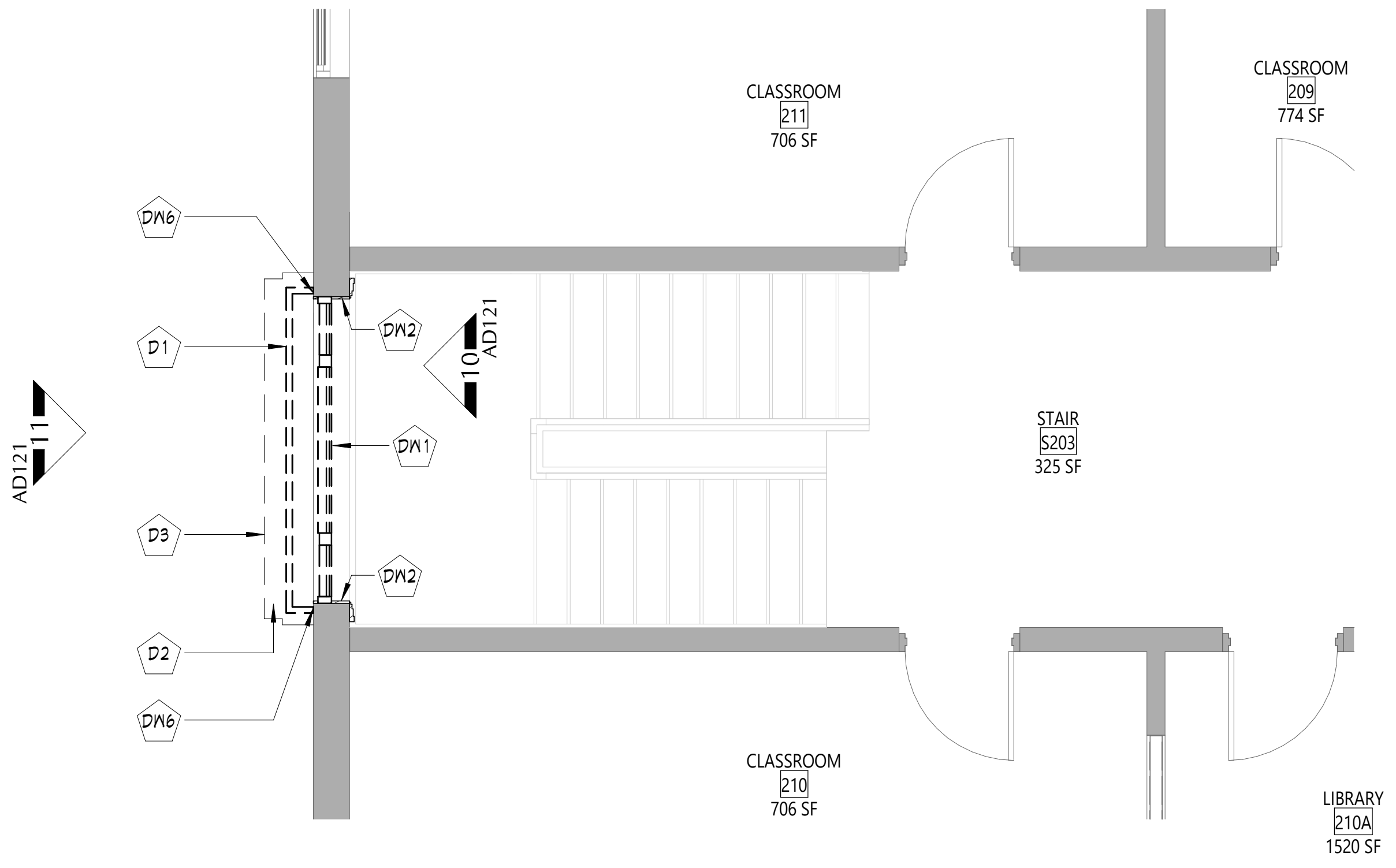
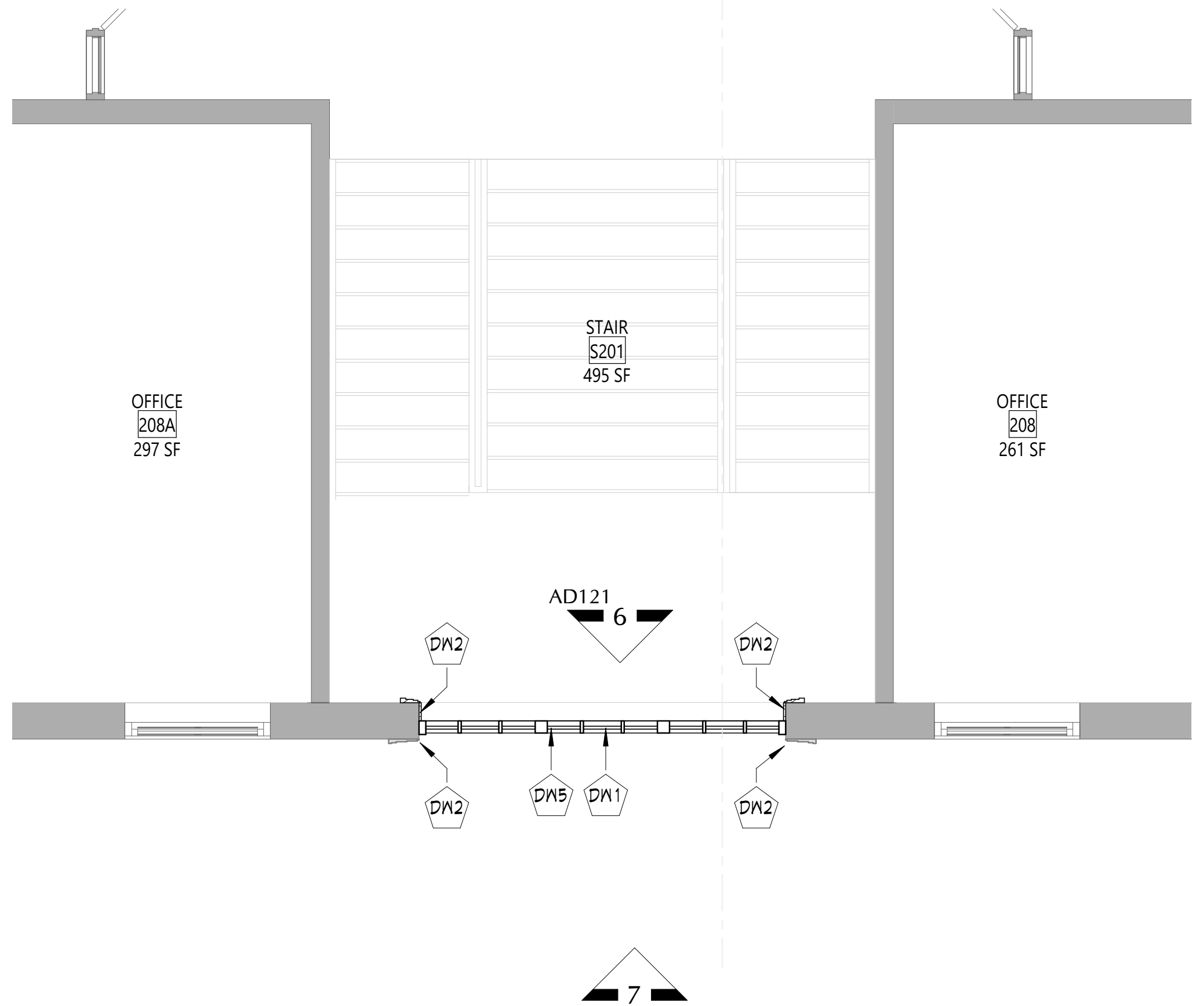
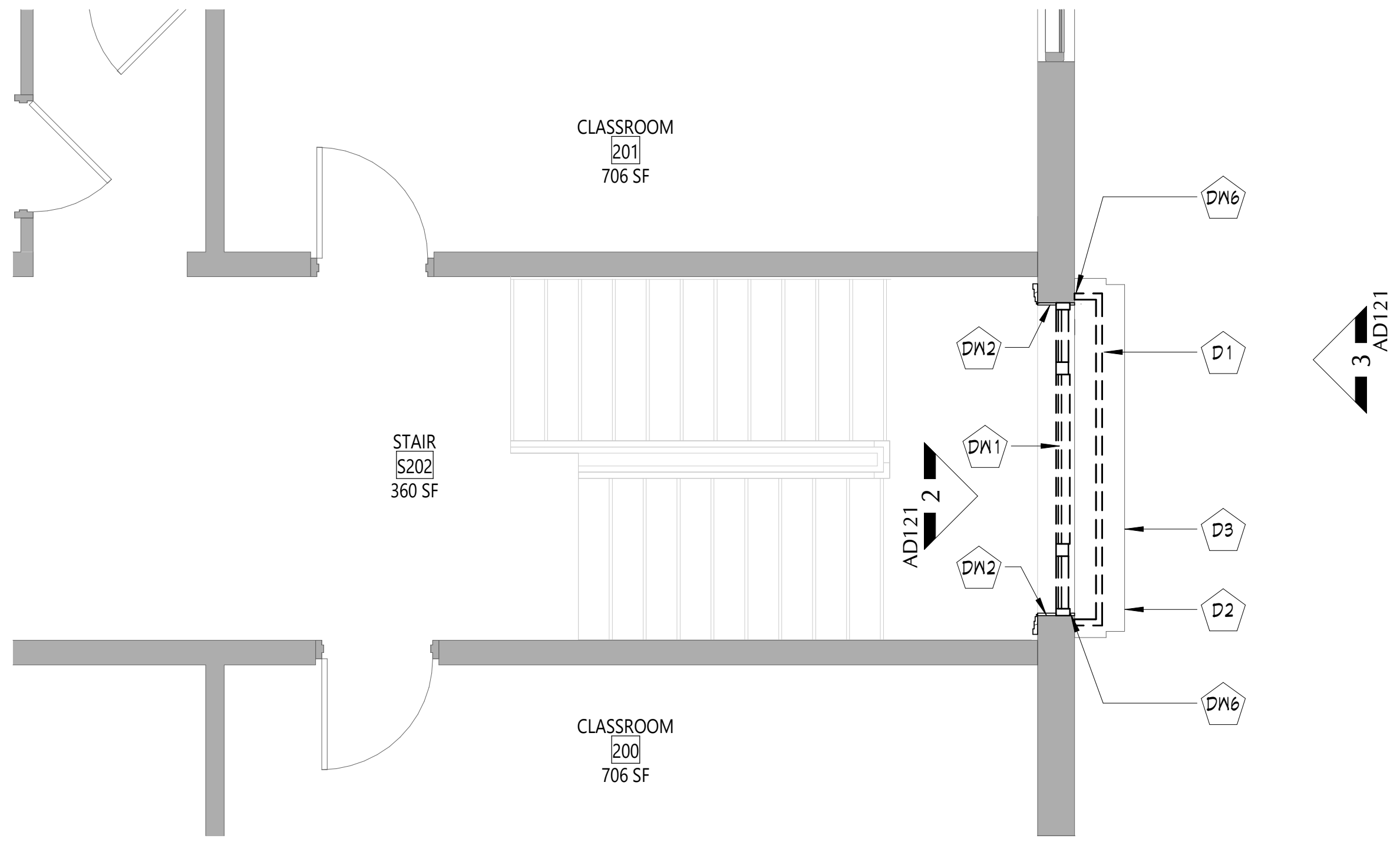
AD121 Not to Scale



9 SOUTH WINDOW DEMO PLAN
AD121 1/4" = 1'-0"



5 MAIN WINDOW DEMO PLAN
AD121 1/4" = 1'-0"



1 NORTH WINDOW DEMO PLAN
AD121 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

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2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

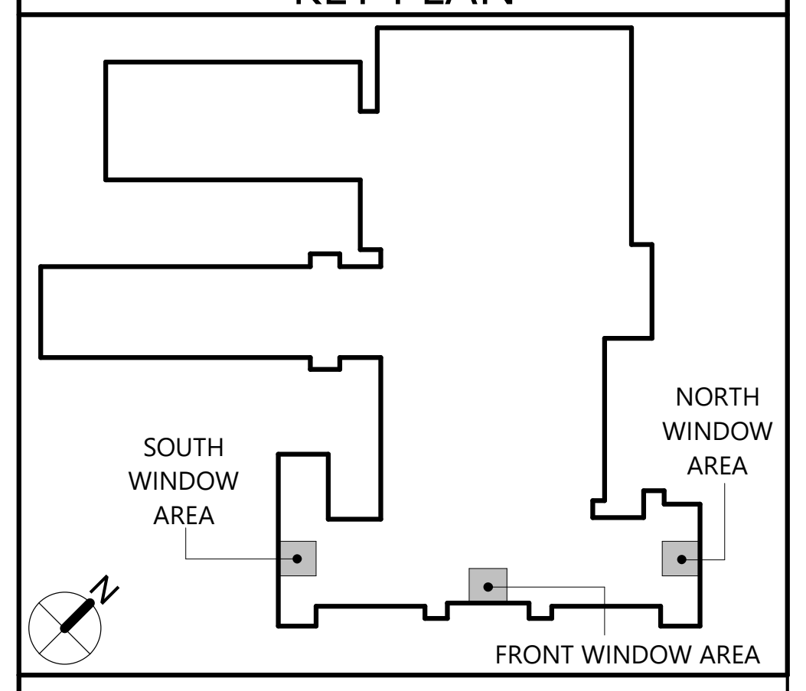
WINDOW DEMOLITION NOTES

1. ALL EXISTING COMPONENTS INSTALLED WITH THE EXISTING WINDOWS SHALL BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY, U.N.O.

DEMOLITION KEYNOTES

	Description
D1	SAFELY REMOVE AND SALVAGE EXISTING RAILING AND ASSOCIATED ANCHORS. PREPARE RAILING AS REQUIRED TO RECEIVE NEW PAINT.
D2	CAREFULLY REMOVE EXISTING CORRODED/DAMGED METAL EDGE FLASHING IN ITS ENTIRETY.
D3	USING THE LEAST ABRASIVE METHOD, CAREFULLY REMOVE ALL PAINT FROM EXISTING WOOD TRIM AND COLUMNS. PREP SURFACE TO RECEIVE NEW PAINT WITH NEW WORK.
DW1	REMOVE EXISTING WOOD WINDOW SYSTEM IN ITS ENTIRETY. COORDINATE WORK WITH HAZARDOUS MATERIALS DRAWINGS.
DW2	REMOVE EXISTING WOOD TRIM ASSOCIATED WITH WINDOW OPENING AS REQUIRED TO REMOVE WINDOWS. REFER TO WINDOW DETAILS FOR ADDITIONAL INFORMATION. COORDINATE WORK WITH HAZARDOUS MATERIALS DRAWINGS.
DW5	EXISTING FRIEZE ABOVE BRONZE DOORS TO REMAIN. PROTECT DURING WINDOW REMOVALS.
DW6	EXISTING MASONRY OPENING TO REMAIN. PROTECT EXISTING BRICK AND KEYSTONE DURING REMOVALS.

KEY PLAN



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Project Title
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2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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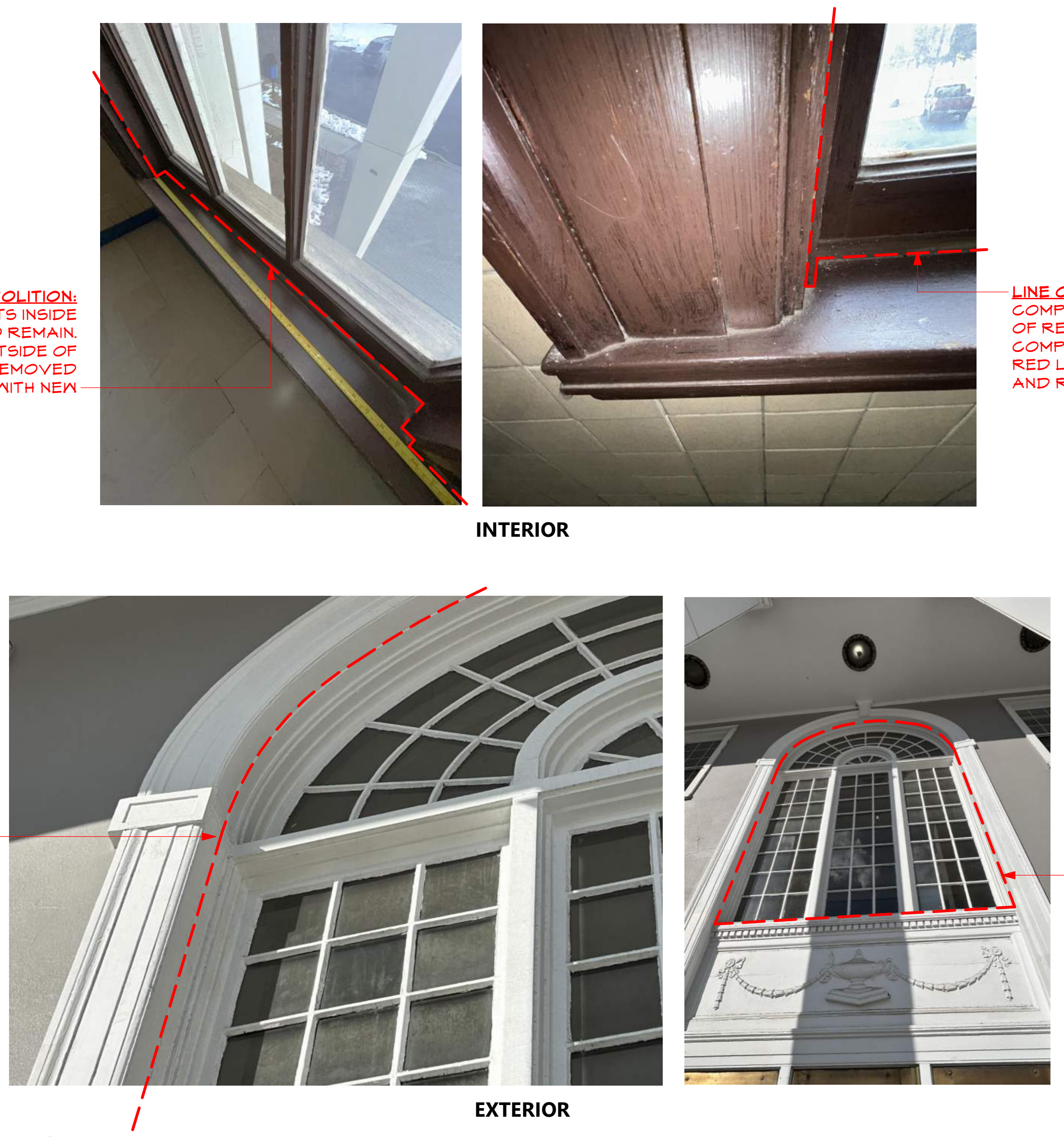
Drawn By:	Author
Checked By:	Checker
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
SECOND FLOOR DEMOLITION PARTIAL PLANS

Sheet No.
WMS AD121

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



LINE OF DEMOLITION: COMPONENTS INSIDE OF RED LINE TO REMAIN. COMPONENTS OUTSIDE OF RED LINE TO BE REMOVED AND REPLACED WITH NEW

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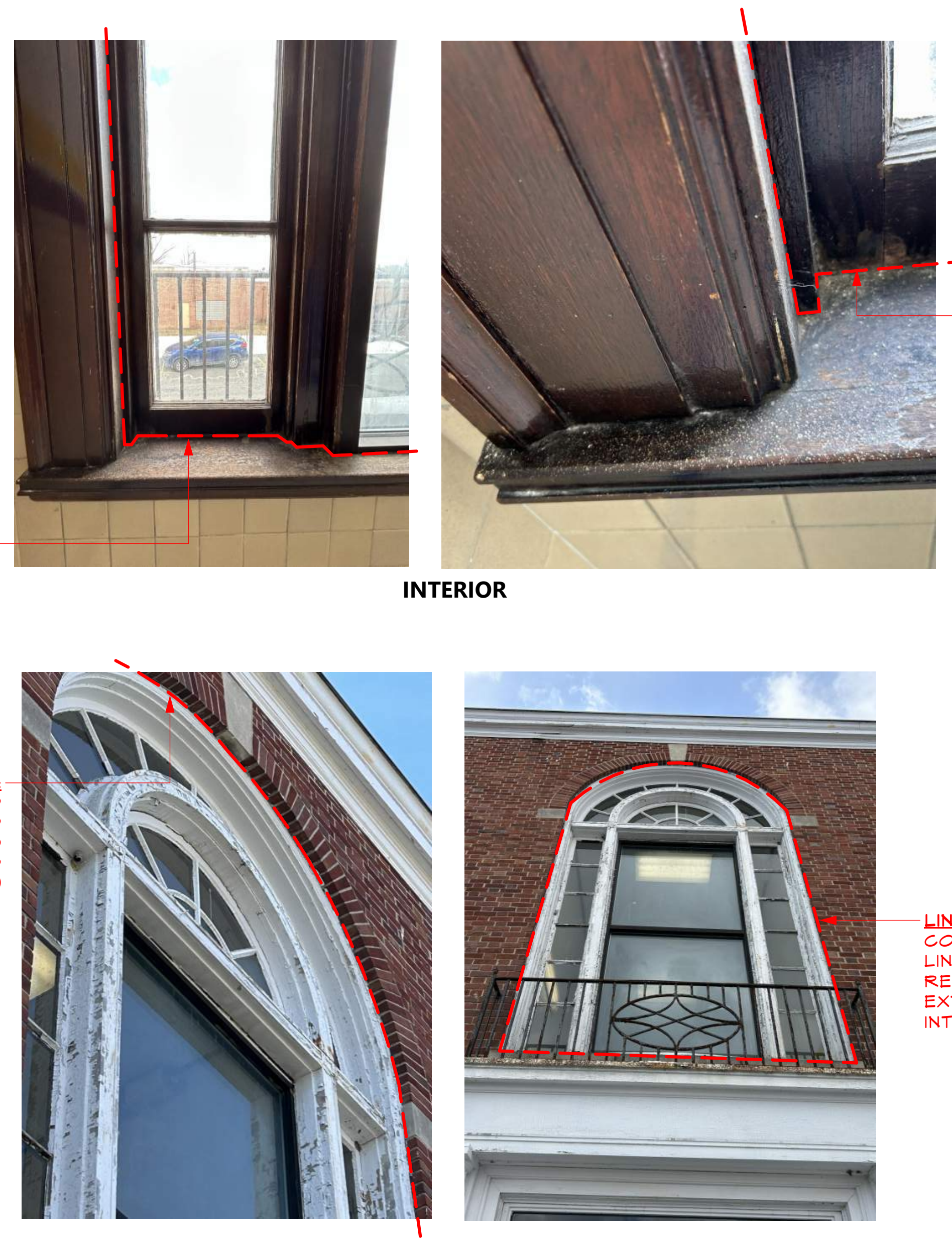
LINE OF DEMOLITION: COMPONENTS INSIDE OF RED LINE TO BE REMOVED AND REPLACED WITH NEW (TO EXTENT OF SCHEDULED INTERIOR REMOVALS)

LINE OF DEMOLITION: COMPONENTS INSIDE OF RED LINE TO BE REMOVED AND REPLACED WITH NEW (TO EXTENT OF SCHEDULED INTERIOR REMOVALS)

8 PHOTOS - DEMO AT FRONT WINDOW
AD122 Not to Scale



LINE OF DEMOLITION: COMPONENTS INSIDE OF RED LINE TO REMAIN. COMPONENTS OUTSIDE OF RED LINE TO BE REMOVED AND REPLACED WITH NEW

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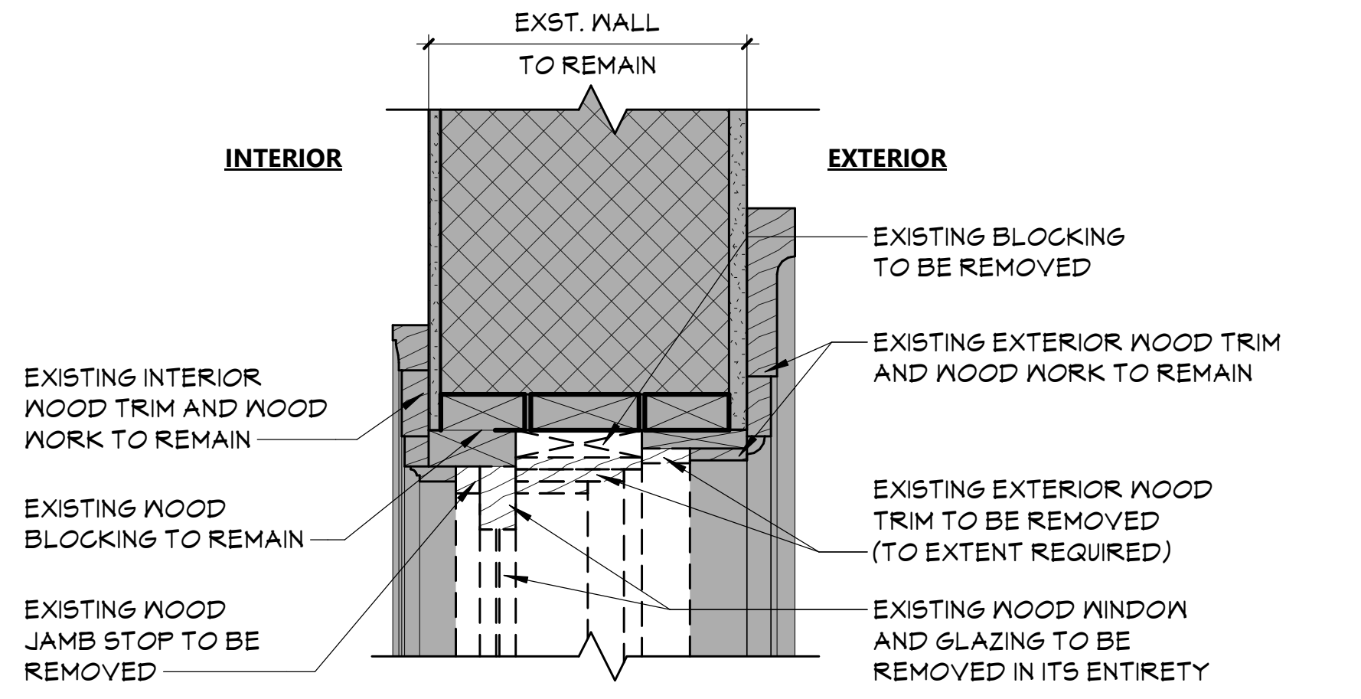
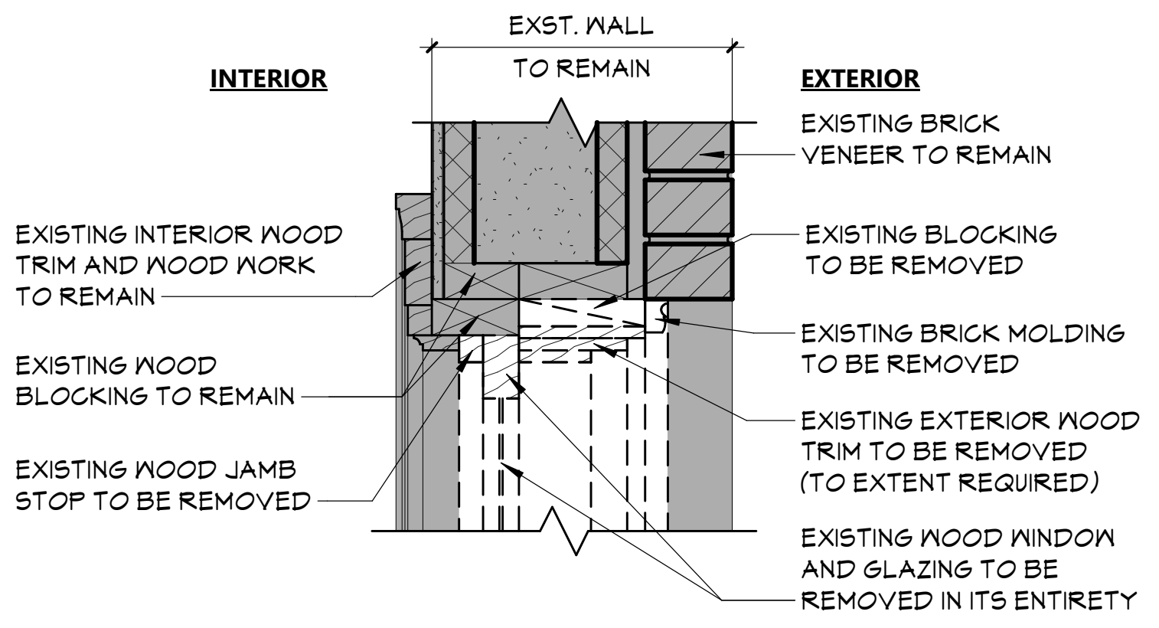
LINE OF DEMOLITION: COMPONENTS INSIDE OF RED LINE TO BE REMOVED AND REPLACED WITH NEW (TO EXTENT OF SCHEDULED INTERIOR REMOVALS)

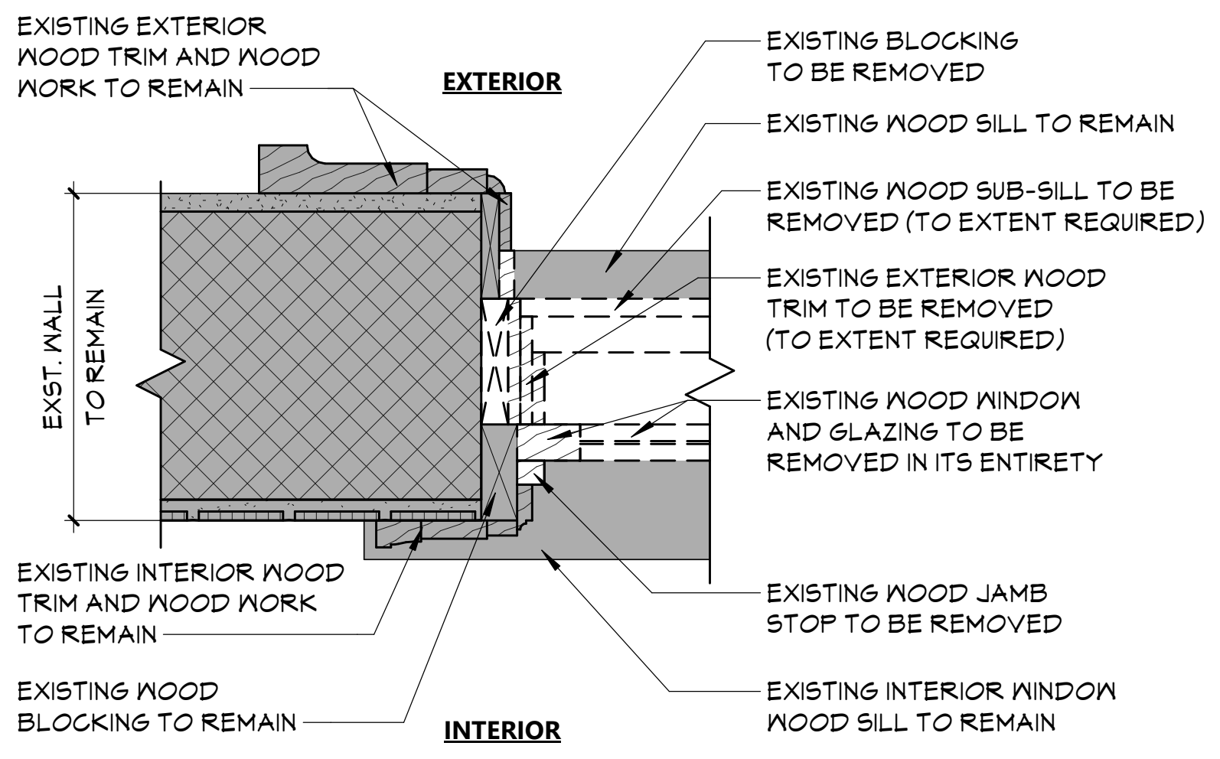
4 PHOTOS - DEMO AT NORTH/SOUTH WINDOWS
AD122 Not to Scale


EXST. WALL TO REMAIN
INTERIOR
EXTERIOR
EXISTING BLOCKING TO BE REMOVED
EXISTING EXTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING WOOD BLOCKING TO REMAIN
EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY

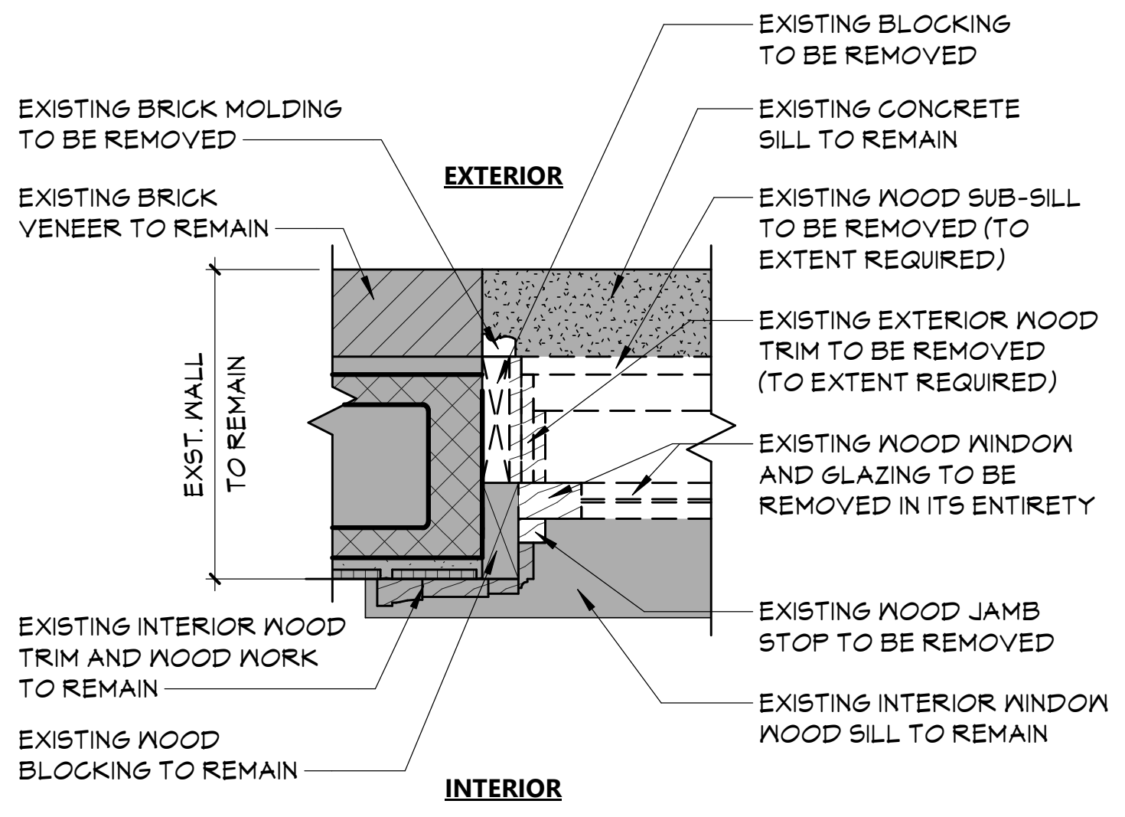
7 HEAD DEMO DETAIL - FRONT WINDOW
AD122 1 1/2" = 1'-0"


EXST. WALL TO REMAIN
INTERIOR
EXTERIOR
EXISTING BRICK VENEER TO REMAIN
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING BLOCKING TO BE REMOVED
EXISTING BRICK MOLDING TO BE REMOVED
EXISTING WOOD BLOCKING TO REMAIN
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY

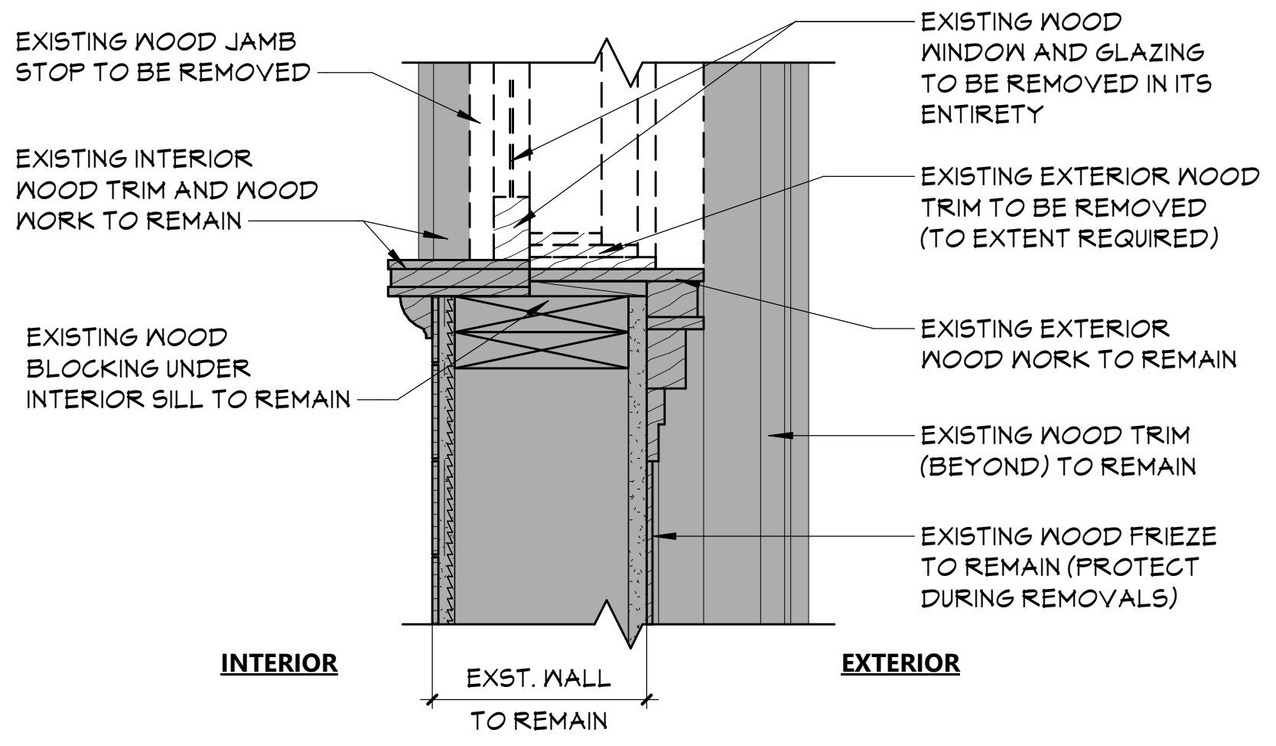
3 HEAD DEMO DETAIL - NORTH/SOUTH WINDOWS
AD122 1 1/2" = 1'-0"


EXISTING EXTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXTERIOR
EXISTING BLOCKING TO BE REMOVED
EXISTING WOOD SILL TO REMAIN
EXISTING WOOD SUB-SILL TO BE REMOVED (TO EXTENT REQUIRED)
EXST. WALL TO REMAIN
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD BLOCKING TO REMAIN
EXISTING INTERIOR WINDOW WOOD SILL TO REMAIN
INTERIOR

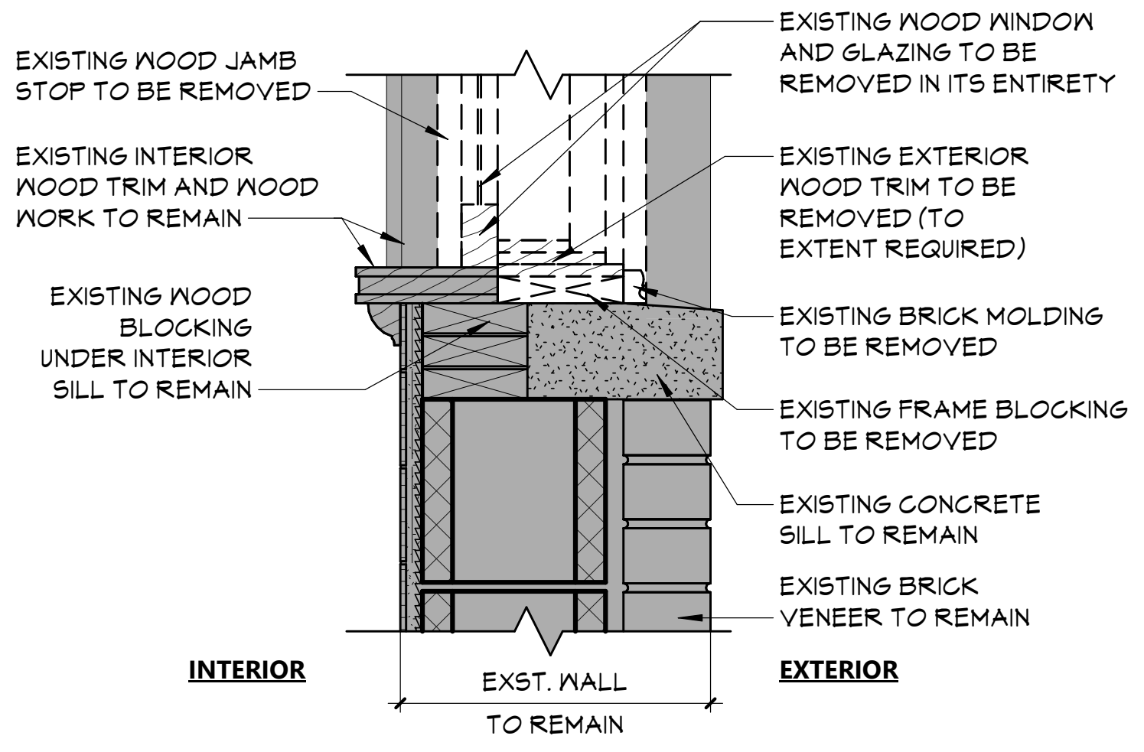
6 JAMB DEMO DETAIL - FRONT WINDOW
AD122 1 1/2" = 1'-0"


EXISTING BLOCKING TO BE REMOVED
EXISTING BRICK MOLDING TO BE REMOVED
EXISTING CONCRETE SILL TO REMAIN
EXTERIOR
EXISTING BRICK VENEER TO REMAIN
EXISTING WOOD SUB-SILL TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXST. WALL TO REMAIN
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD BLOCKING TO REMAIN
EXISTING INTERIOR WINDOW WOOD SILL TO REMAIN
INTERIOR

2 JAMB DEMO DETAIL - NORTH/SOUTH WINDOWS
AD122 1 1/2" = 1'-0"


EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING WOOD BLOCKING UNDER INTERIOR SILL TO REMAIN
EXISTING EXTERIOR WOOD WORK TO REMAIN
EXISTING WOOD TRIM (BEYOND) TO REMAIN
EXISTING WOOD FRIEZE TO REMAIN (PROTECT DURING REMOVALS)
INTERIOR
EXST. WALL TO REMAIN
EXTERIOR

5 SILL DEMO DETAIL - FRONT WINDOW
AD122 1 1/2" = 1'-0"


EXISTING WOOD JAMB STOP TO BE REMOVED
EXISTING WOOD WINDOW AND GLAZING TO BE REMOVED IN ITS ENTIRETY
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING EXTERIOR WOOD TRIM TO BE REMOVED (TO EXTENT REQUIRED)
EXISTING WOOD BLOCKING UNDER INTERIOR SILL TO REMAIN
EXISTING BRICK MOLDING TO BE REMOVED
EXISTING FRAME BLOCKING TO BE REMOVED
EXISTING CONCRETE SILL TO REMAIN
EXISTING BRICK VENEER TO REMAIN
INTERIOR
EXST. WALL TO REMAIN
EXTERIOR

1 SILL DEMO DETAIL - NORTH/SOUTH WINDOWS
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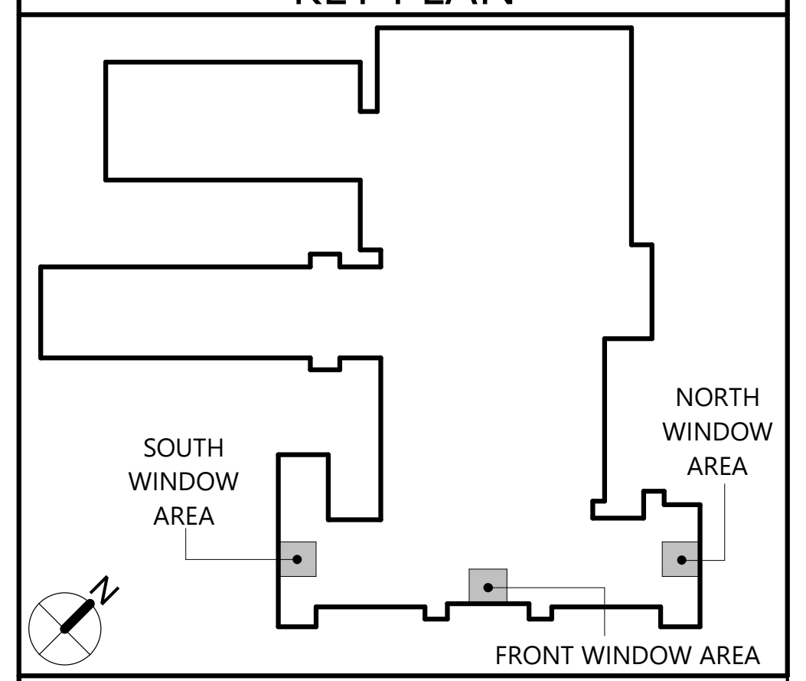
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

REGISTERED ARCHITECT THOMAS M. RITZENTHALER STATE OF NEW YORK 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

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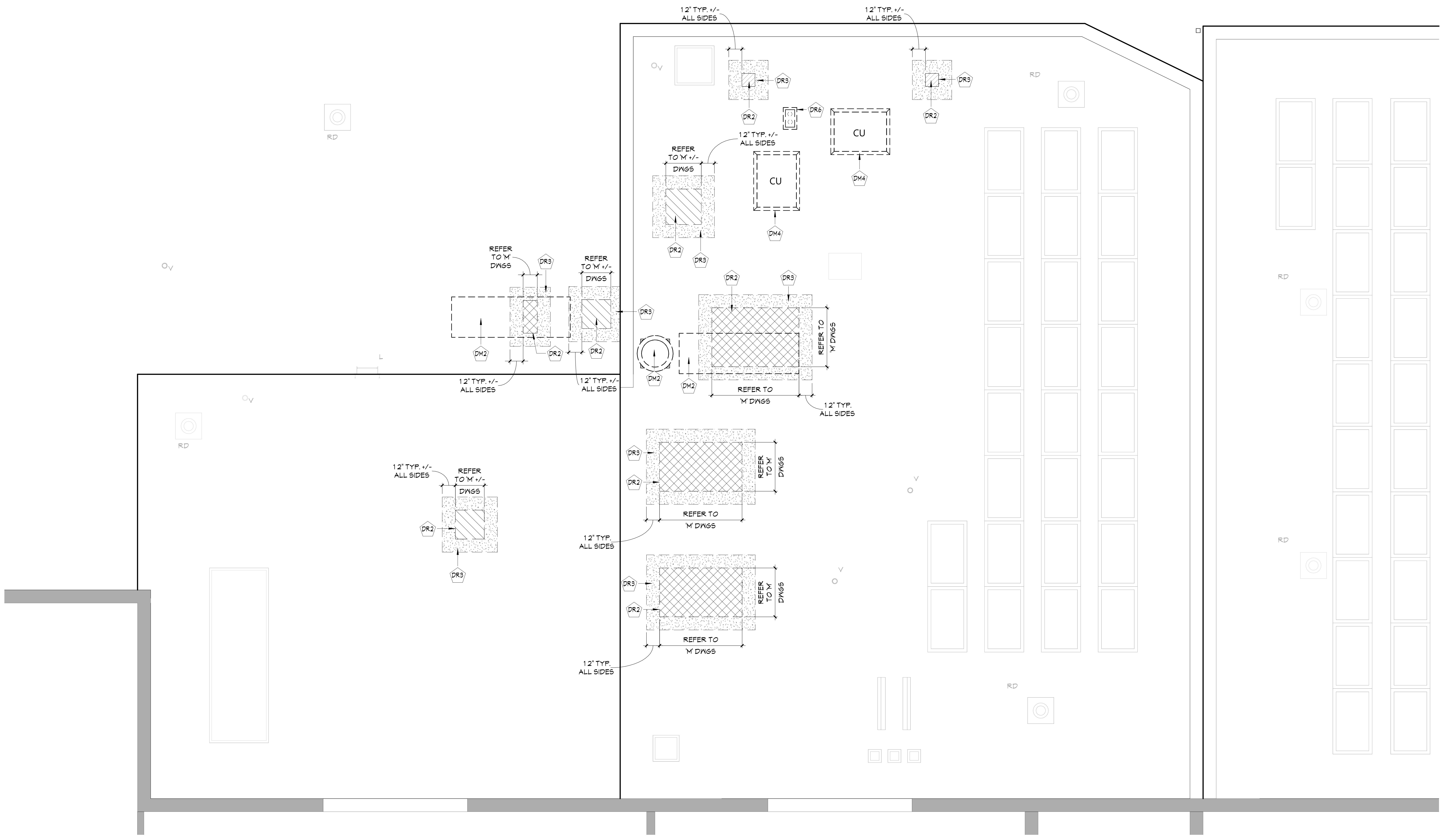
Sheet Title
WOOD WINDOW DEMOLITION DETAILS

Sheet No.
WMS AD122

CONSTRUCTION DOCUMENTS



1 PARTIAL ROOF DEMO PLAN ABOVE KITCHEN

AD401 1/4" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○○	GOOSENECK, COORDINATE W/ MEP DWGS
PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
→	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
☐	SOLAR PANEL, COORDINATE W/ MEP DWGS
☐	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

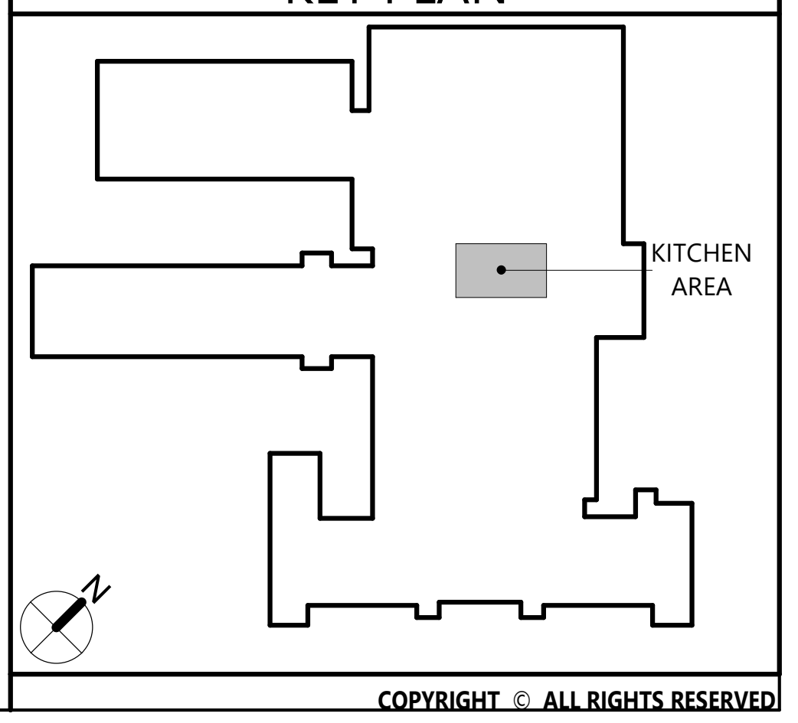
ROOF DEMOLITION LEGEND

▨	PORTION OF EXISTING ROOF ASSEMBLY (INCLUDING ROOF DECK) TO BE REMOVED
░	PORTION OF EXISTING ROOF MEMBRANE AND INSULATION (TO DECK) TO BE REMOVED

DEMOLITION KEYNOTES

	Description
DM2	MECHANICAL ROOF TOP UNIT. COORDINATE WITH MECHANICAL DRAWINGS.
DM4	CONDENSING UNIT. COORDINATE WITH MECHANICAL AND FOOD SERVICE DRAWINGS.
DR2	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING FOR MECHANICAL OR PLUMBING WORK. COORDINATE WITH STRUCTURAL, MECHANICAL & PLUMBING DRAWINGS.
DR3	REMOVE 12" MINIMUM OF EXISTING ROOFING SYSTEM AROUND THE PERIMETER OF NEW ROOF OPENING FOR MECHANICAL WORK. COORDINATE WITH MECHANICAL DRAWINGS.
DR6	REMOVE EXISTING PIPE CURB. COORDINATE WITH MECHANICAL DRAWINGS.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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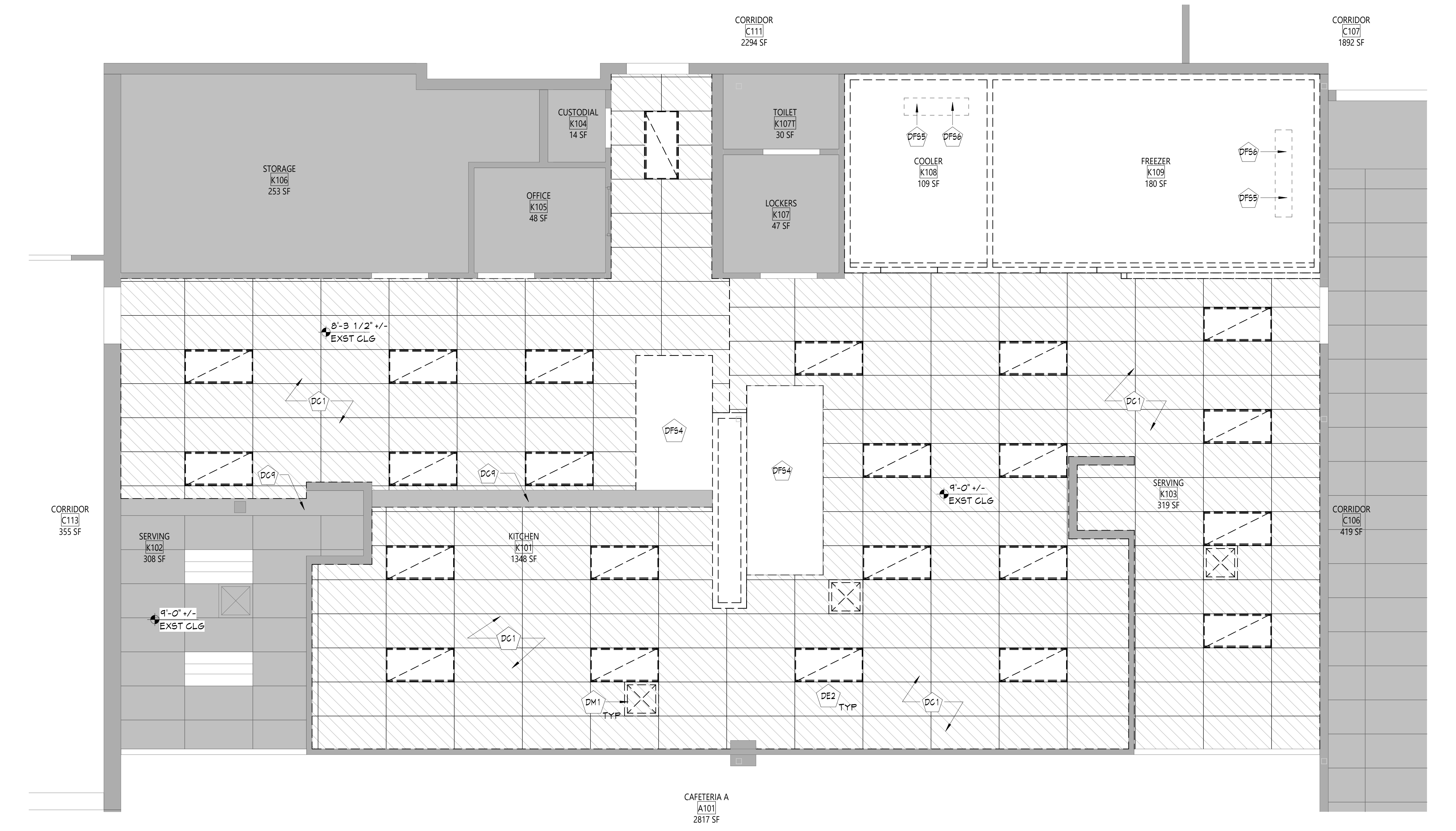
Sheet Title

KITCHEN
ROOF
DEMOLITION
PLAN

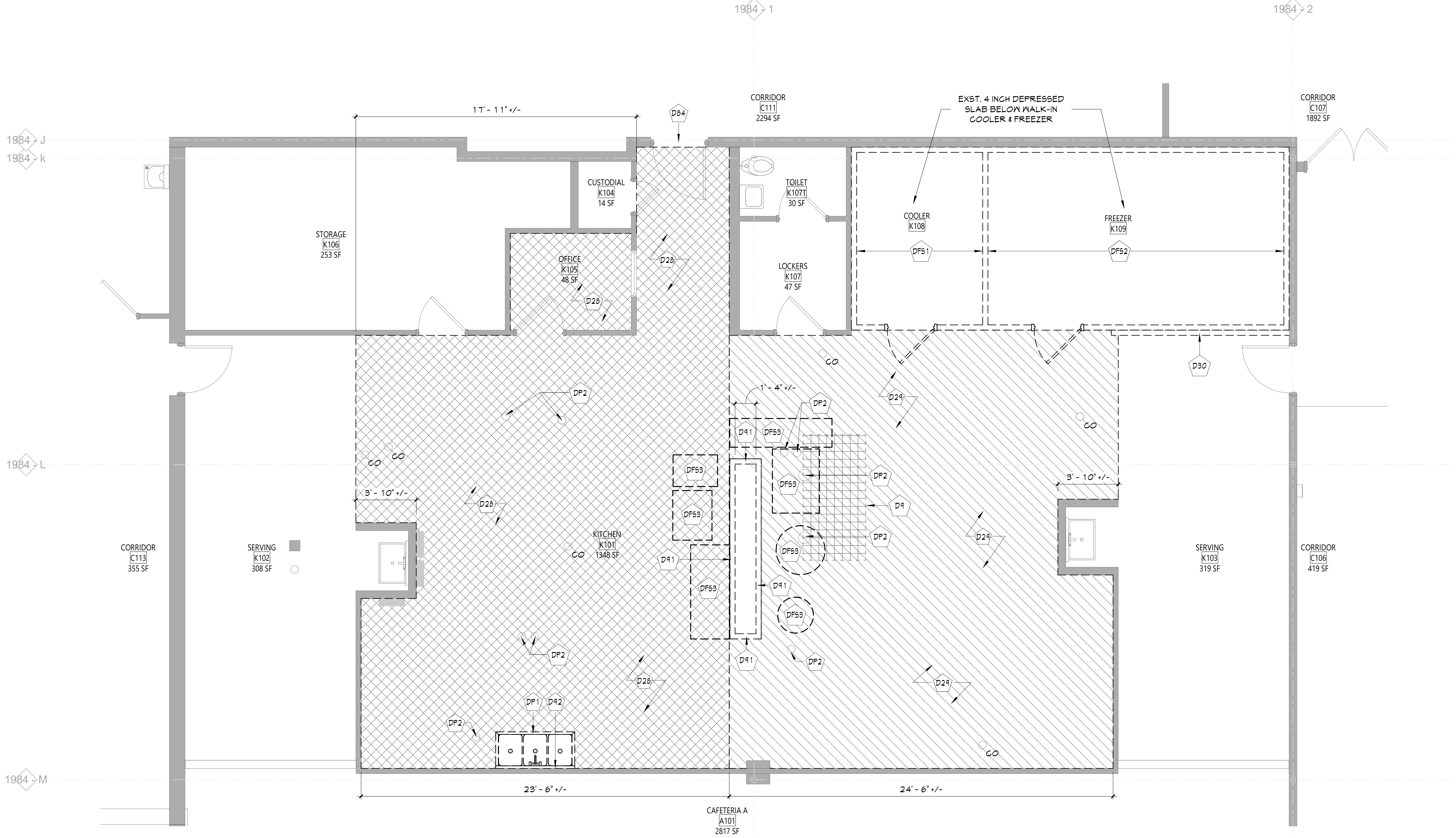
Sheet No.

WMS
AD401

CONSTRUCTION DOCUMENTS



2 KITCHEN DEMO WORK RCP
AD601 1/4" = 1'-0"



1 KITCHEN DEMO WORK PLAN
AD601 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D9	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DRAINS. COORDINATE EXTENT OF WORK WITH PLUMBING DRAWINGS.
D28	REMOVE EXISTING DOUBLE LAYER OF QUARRY TILE FLOORING TO EXISTING SUBSTRATE; REMOVE ANY MASTICS, MORTARS, WALL BASES, AND RELATED ACCESSORIES. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS AND NEW WORK.
D29	REMOVE EXISTING SINGLE LAYER QUARRY TILE FLOORING TO EXISTING SUBSTRATE; REMOVE ANY MASTICS, MORTARS, WALL BASES, AND RELATED ACCESSORIES. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS AND NEW WORK.
D30	REMOVE EXISTING PARTITION IN ITS ENTIRETY TO ACCOMMODATE NEW WORK. COORDINATE WITH HAZARDOUS MATERIALS, FOOD SERVICES, AND NEW WORK DRAWINGS.
D84	REMOVE EXISTING MARBLE THRESHOLD. COORDINATE WITH NEW WORK.
D91	REMOVE EXISTING PARTITION IN ITS ENTIRETY TO ACCOMMODATE WALL EXPANSION. COORDINATE WITH MEP, FOOD SERVICE, AND NEW WORK DRAWINGS.
D92	REMOVE ALL WALL MOUNTED ACCESSORIES ASSOCIATED WITH SINK, INCLUDING BUT NOT LIMITED TO SOAP DISPENSERS AND PAPER TOWEL DISPENSERS.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC9	EXISTING SOFFIT TO REMAIN. PROTECT DURING REMOVALS.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DFS1	WALK-IN COOLER. COORDINATE WITH FOOD SERVICE DRAWINGS.
DFS2	WALK-IN FREEZER.COORDINATE WITH FOOD SERVICE DRAWINGS.
DFS3	FOOD PREPARATION EQUIPMENT. COORDINATE WITH FOOD SERVICE DRAWINGS.
DFS4	KITCHEN HOOD AND FIRE SUPPRESSION SYSTEM. COORDINATE WITH FOOD SERVICE AND MEP DRAWINGS.
DFS5	WALK-IN CONDENSER. COORDINATE WITH FOOD SERVICE DRAWINGS.
DFS6	WALK-IN EVAPORATOR. COORDINATE WITH FOOD SERVICE DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DP1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS.
DP2	PIPE DRAIN. COORDINATE WITH PLUMBING DRAWINGS.

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
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14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
■	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x4' LIGHT FIXTURE
- 4'x4' EXST CLOUD CLG SYSTEM

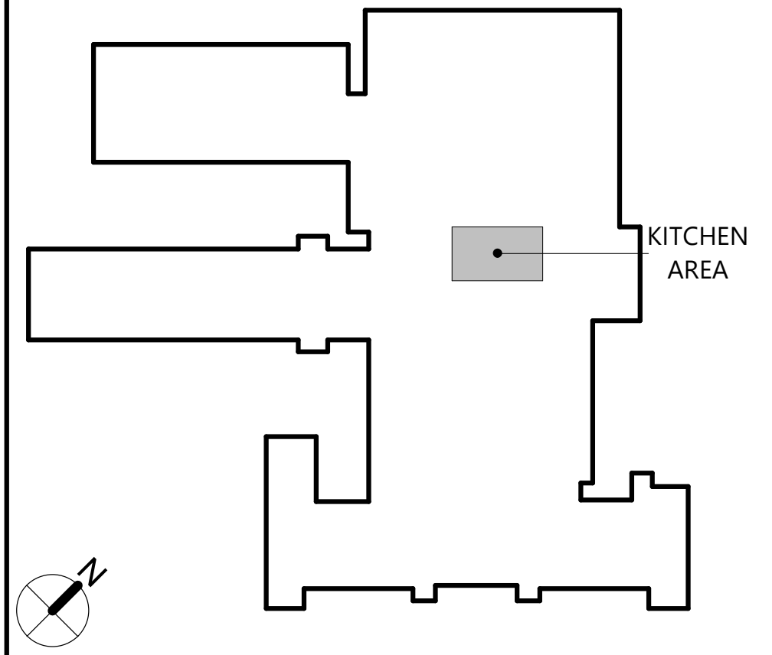
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

DEMOLITION PLAN LEGEND

▩	PORTION OF EXST FLOOR QUARRY TILE (2 LAYERS) TO BE REMOVED
▨	PORTION OF EXST FLOOR QUSRRY TILE (1 LAYER) TO BE REMOVED
▦	PORTION OF EXST FLOOR QUSRRY TILE (1 LAYER) TO BE SAWCUT AND REMOVED

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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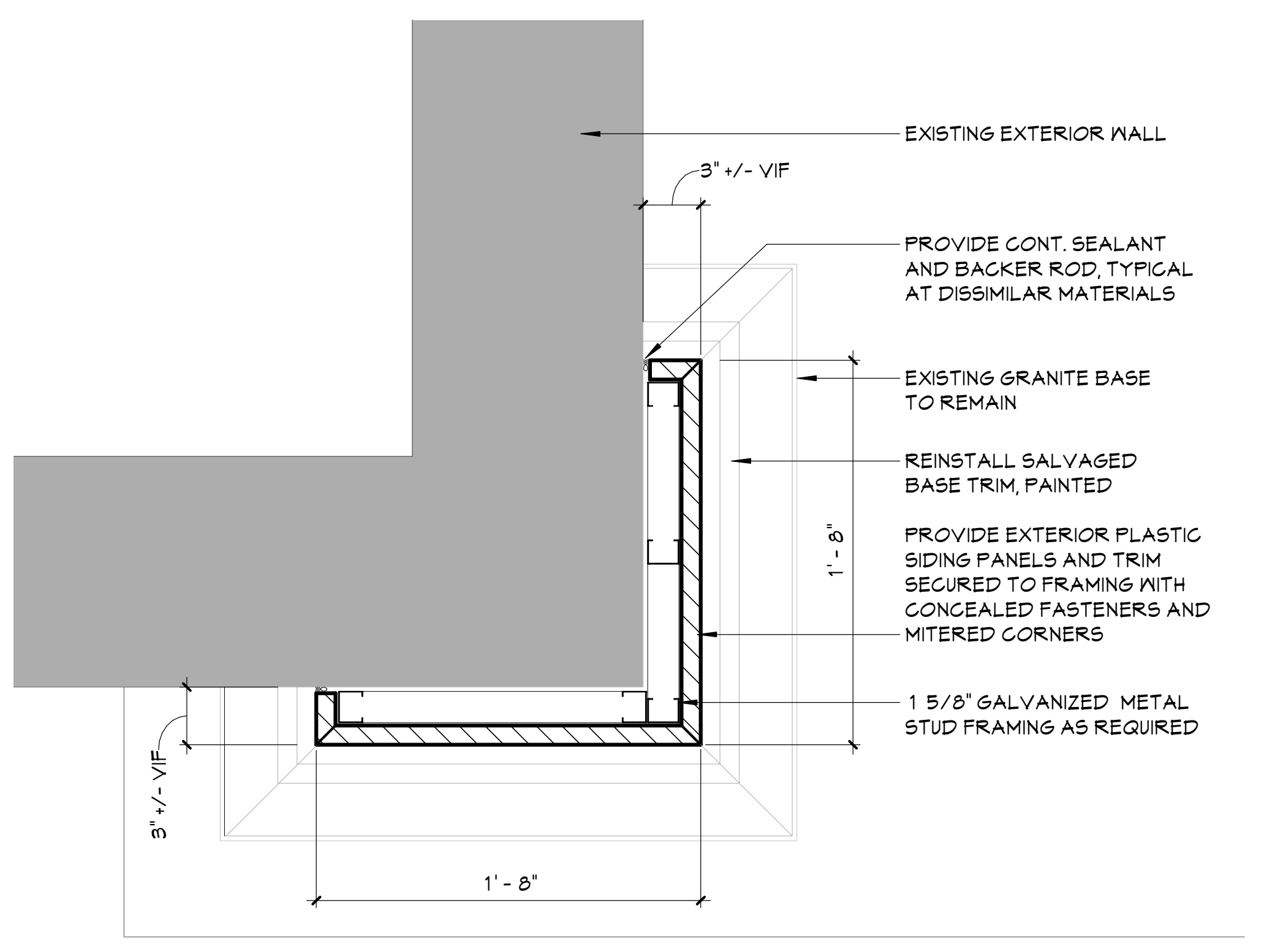
Sheet Title
KITCHEN
DEMOLITION
PLANS

Sheet No.
WMS
AD601

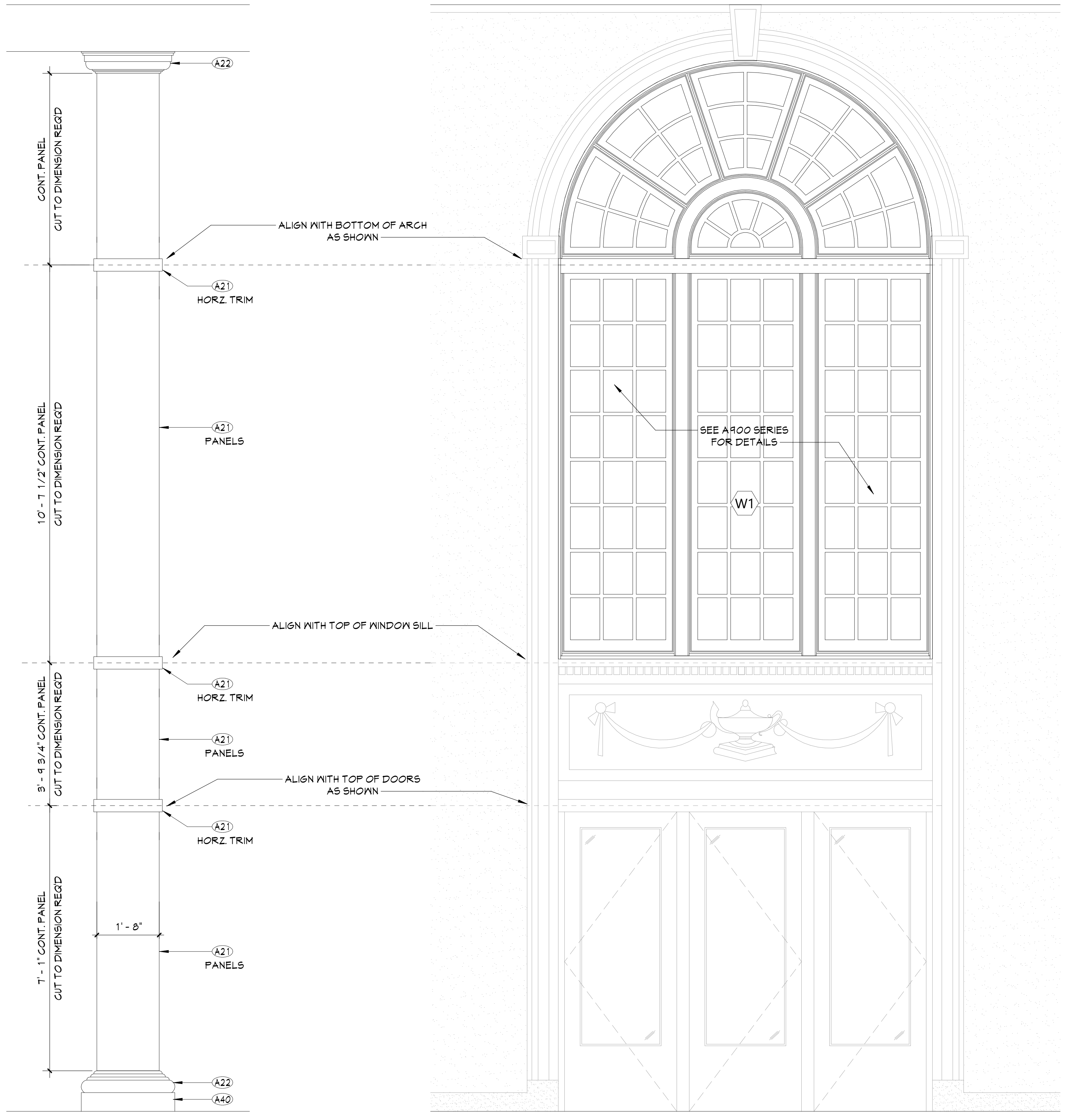
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt


EXISTING EXTERIOR WALL
3" +/- VIF
PROVIDE CONT. SEALANT AND BACKER ROD, TYPICAL AT DISSIMILAR MATERIALS
EXISTING GRANITE BASE TO REMAIN
REINSTALL SALVAGED BASE TRIM, PAINTED
PROVIDE EXTERIOR PLASTIC SIDING PANELS AND TRIM SECURED TO FRAMING WITH CONCEALED FASTENERS AND MITERED CORNERS
1 5/8" GALVANIZED METAL STUD FRAMING AS REQUIRED
1' - 8"
1' - 8"
3" +/- VIF

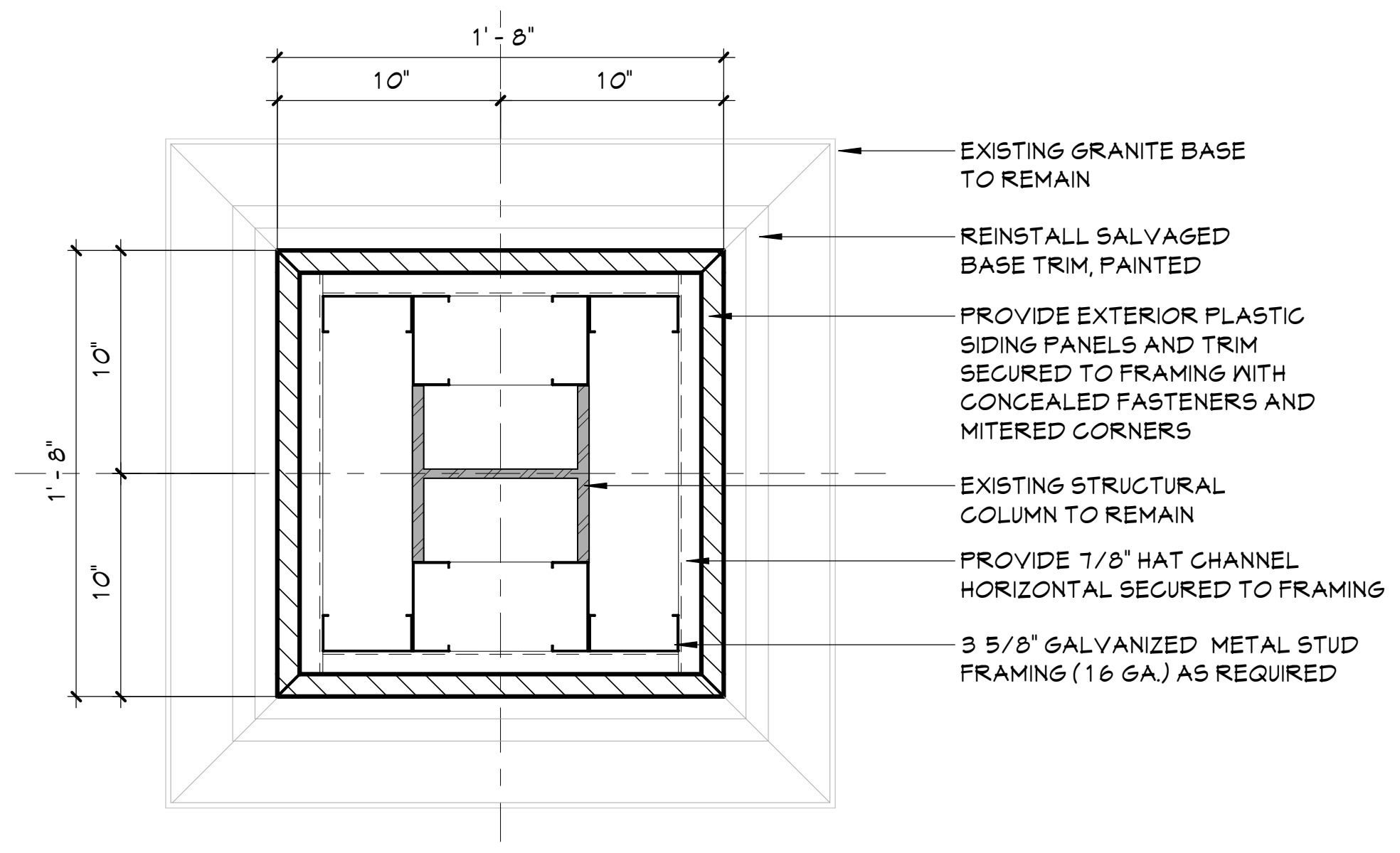
4 MAIN ENTRY COLUMN DETAIL (CORNERS)

A111
1 1/2" = 1'-0"



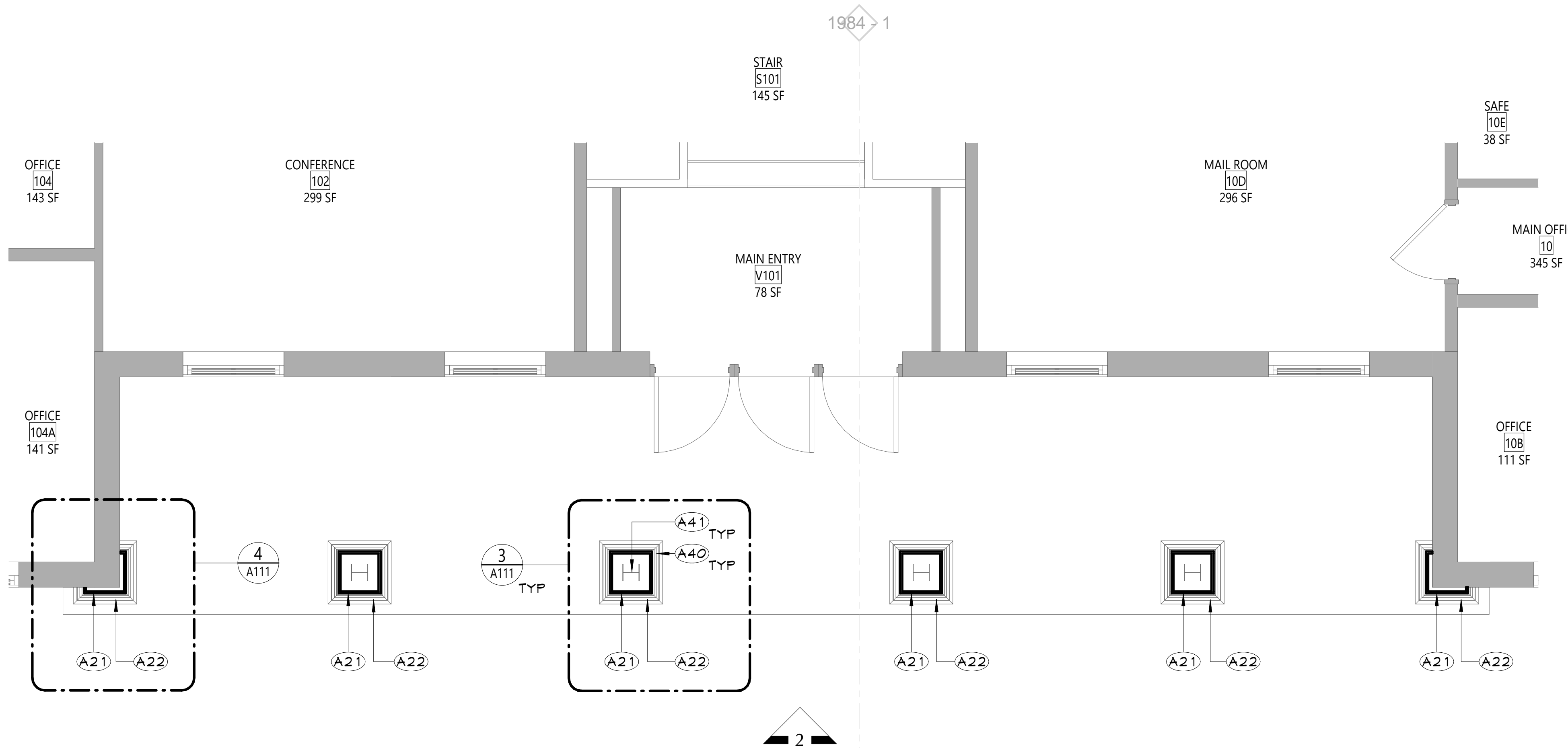
2 TYPICAL COLUMN AND MAIN ENTRY ELEVATION

A111
1/2" = 1'-0"


1' - 8"
10"
10"
10"
1' - 8"
10"
EXISTING GRANITE BASE TO REMAIN
REINSTALL SALVAGED BASE TRIM, PAINTED
PROVIDE EXTERIOR PLASTIC SIDING PANELS AND TRIM SECURED TO FRAMING WITH CONCEALED FASTENERS AND MITERED CORNERS
EXISTING STRUCTURAL COLUMN TO REMAIN
PROVIDE 7/8" HAT CHANNEL HORIZONTAL SECURED TO FRAMING
3 5/8" GALVANIZED METAL STUD FRAMING (16 GA) AS REQUIRED

3 MAIN ENTRY COLUMN DETAIL (TYP.)

A111
1 1/2" = 1'-0"



1 MAIN ENTRY COLUMNS NEW WORK PLAN

A111
1/4" = 1'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
4. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
5. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
6. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
7. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
8. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
9. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
10. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
11. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
12. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
13. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
14. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
15. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
16. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

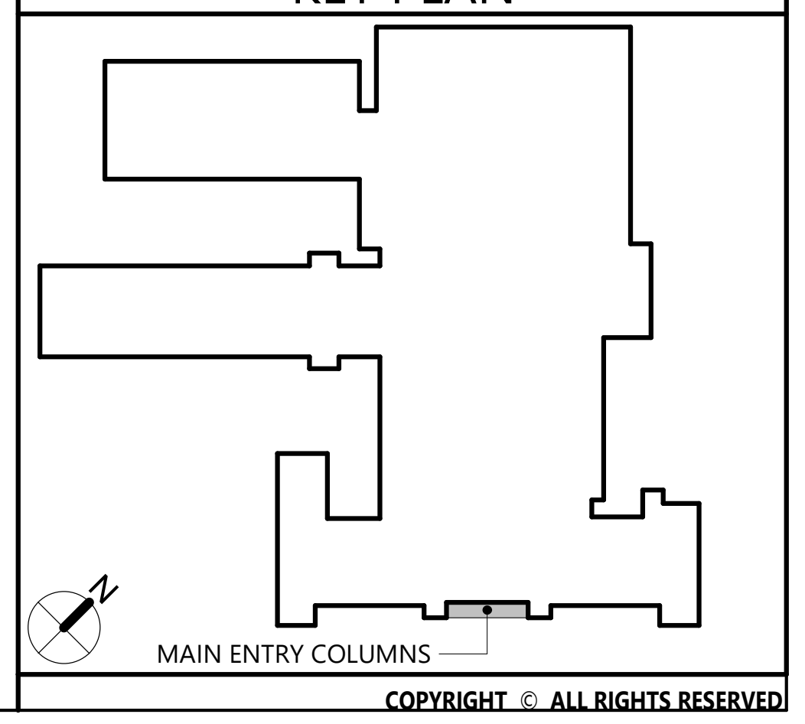
WINDOW NEW WORK NOTES

1. PROVIDE NEW WINDOW SHADES AS SPECIFIED FOR ALL NEW WINDOWS.
2. PROVIDE ATTIC STOCK OF WINDOW SHADES AS INDICATED IN THE 'ROLLER WINDOW SHADES' SPECIFICATION SECTION.
3. PROVIDE BLOCKING AS NEEDED AT EACH OPENING TO SET WINDOWS IN-PLACE. GAPS BETWEEN NEW WINDOWS AND EXISTING MASONRY OPENINGS SHALL NOT EXCEED 3/4" AT JAMBS AND HEADS.
4. PROVIDE INSULATION IN VOIDS CREATED WITHIN THE WINDOW OPENING AROUND BLOCKING AND/OR TRIM. INSULATION SHALL BE PROVIDED AS BATTS, SPRAY FOAM, OR RIGID BOARDS, BUT INSULATION SHALL PROVIDE A MINIMUM R-VALUE OF R-6.
5. SILL, JAMB AND HEAD FASTENERS TO COMPLY WITH ALL CRITERIA DESCRIBED IN THE SPECIFICATIONS.
6. ALL WINDOW SIZES INDICATED ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL M.O.'S PRIOR TO FABRICATION OF WINDOW UNITS. EXISTING CONDITIONS SHOWN SHALL BE VERIFIED BY CONTRACTOR AND REFLECTED ON SHOP DRAWINGS. THE CONTRACTO SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND JOB CONDITIONS AFFECTING THIS WORK.

NEW WORK KEYNOTES

	Description
A21	PROVIDE NEW EXTERIOR PLASTIC SIDING PANELS WITH FRAMING, SEALANT, AND TRIM AS REQUIRED TO SECURELY ENCLOSE EXISTING STRUCTURAL COLUMNS. REFER TO SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
A22	REINSTALL SALVAGED WOOD TRIM AT THE BASE AND AT THE TOP OF COLUMN. PROVIDE PRIMER AND PAINT TO FINISH TRIM.
A40	EXISTING GRANITE BASE TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A41	EXISTING STRUCTURAL STEEL COLUMN TO REMAIN. PROTECT DURING NEW INSTALLATIONS.

KEY PLAN



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ENTRY
COLUMNS
NEW WORK
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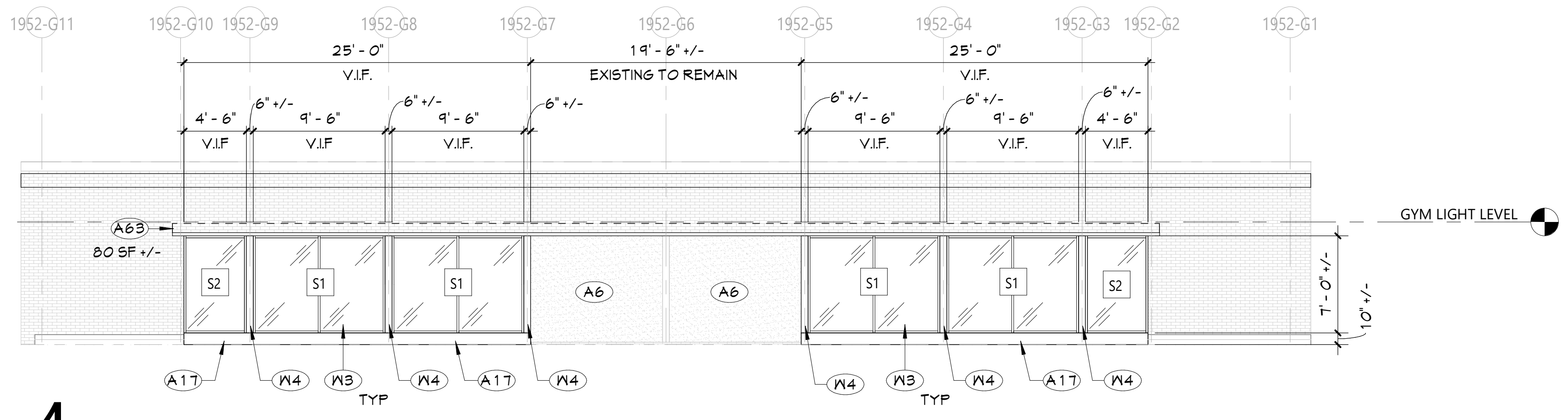
DETAILS

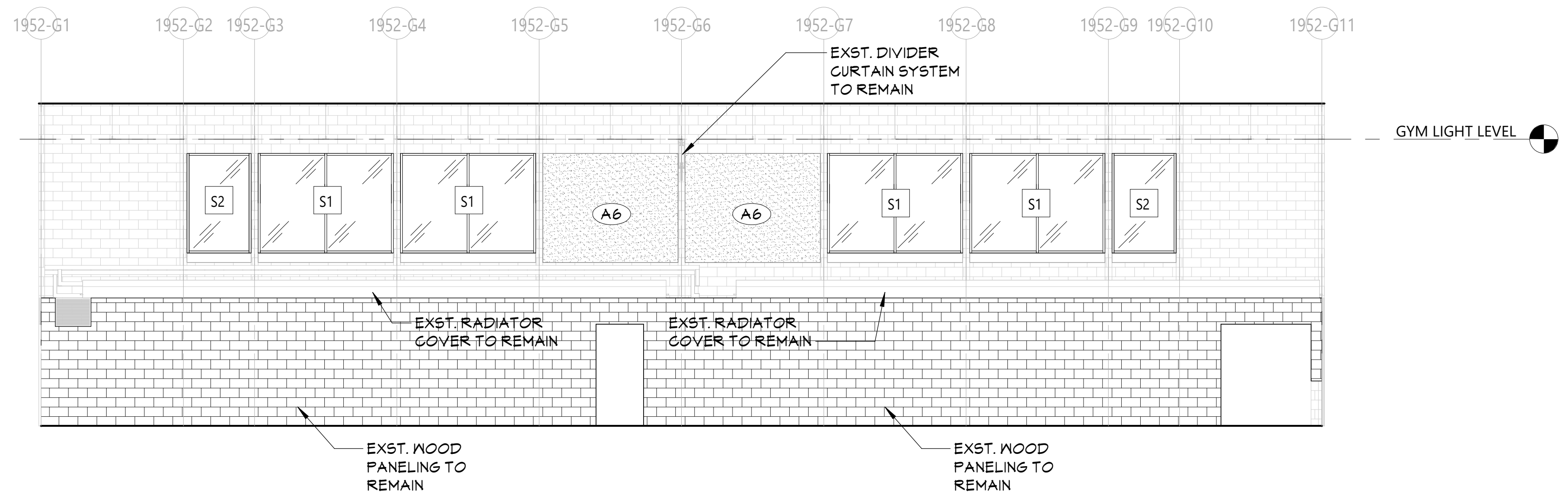
Sheet No.
WMS
A111

CONSTRUCTION DOCUMENTS



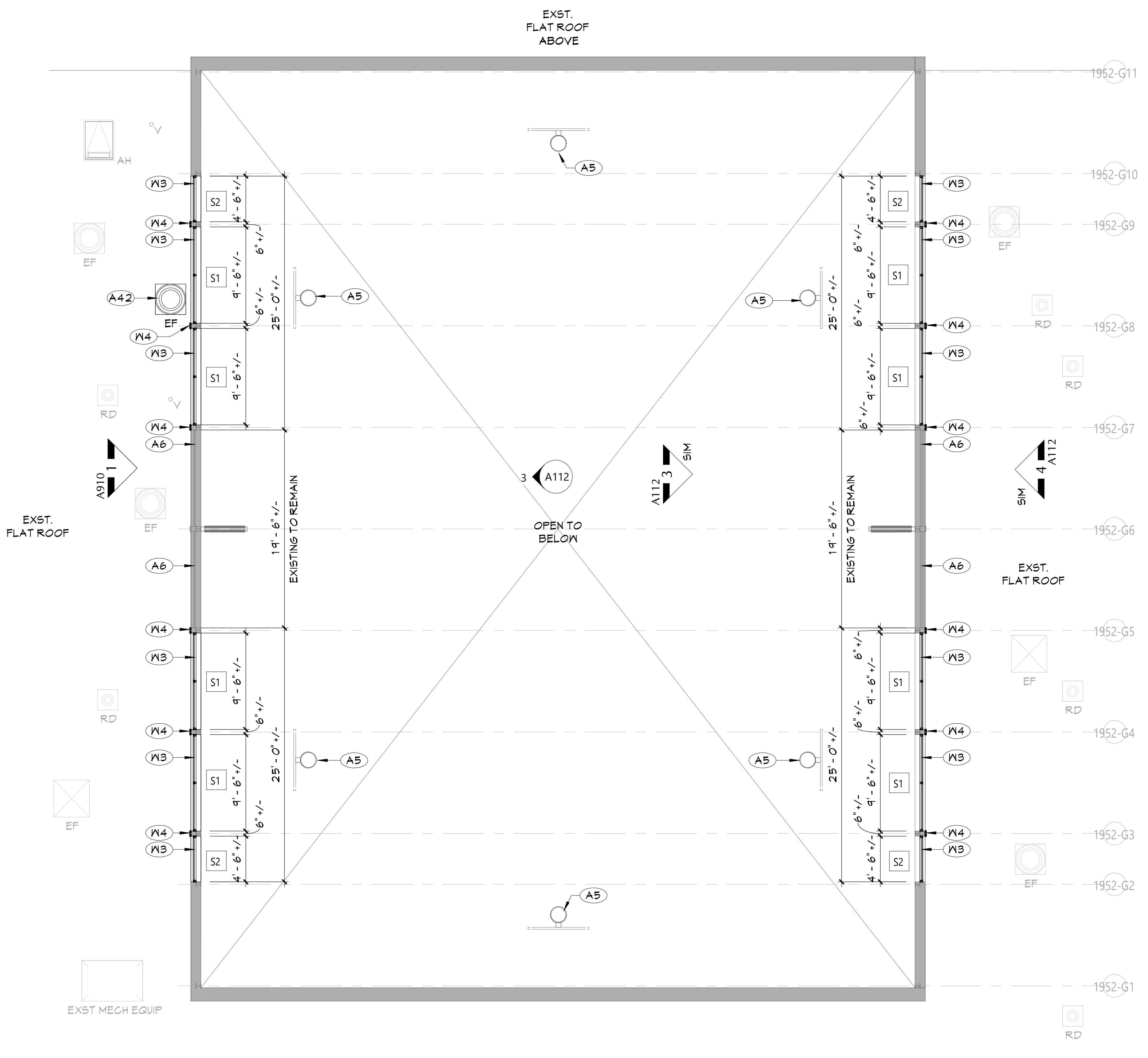
4 GYM EXTERIOR ELEVATION - TYPICAL

A112 1/8" = 1'-0"


1952-G1
1952-G2
1952-G3
1952-G4
1952-G5
1952-G6
1952-G7
1952-G8
1952-G9
1952-G10
1952-G11
EXST. DIVIDER CURTAIN SYSTEM TO REMAIN
GYM LIGHT LEVEL
S2
S1
A6
EXST. RADIATOR COVER TO REMAIN
EXST. RADIATOR COVER TO REMAIN
EXST. WOOD PANELING TO REMAIN
EXST. WOOD PANELING TO REMAIN

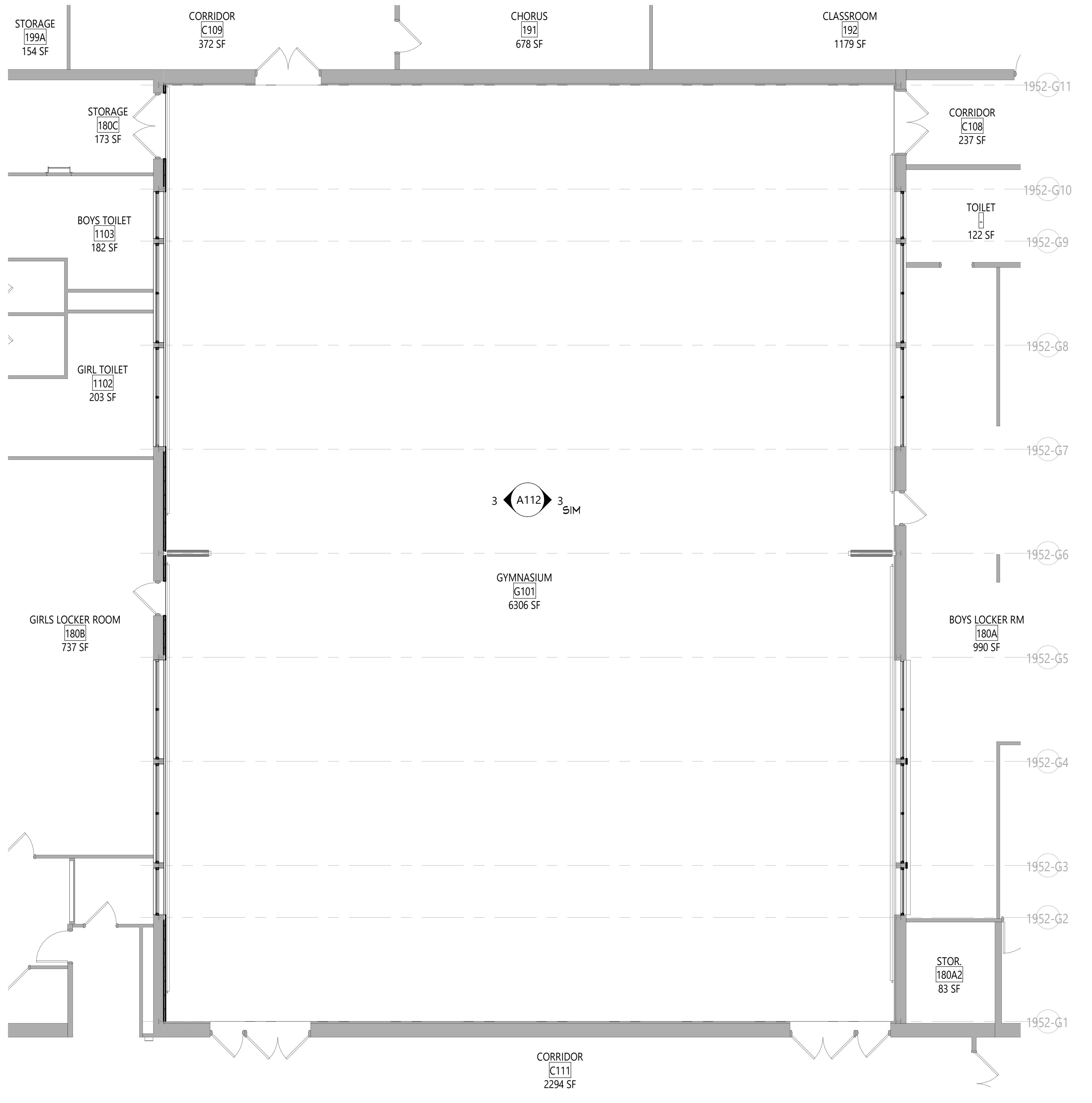
3 GYM INTERIOR ELEVATION - TYPICAL

A112 1/8" = 1'-0"



2 GYM UPPER LEVEL-ROOF NEW WORK PLAN

A112 1/8" = 1'-0"



NOTE: FLOOR PLAN SHOWN FOR REFERENCE ONLY. SEE 2/A112 FOR SCOPE OF WORK.

1 GYM FLOOR NEW WORK PLAN

A112 1/8" = 1'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
4. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
5. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
6. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
7. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
8. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
9. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
10. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
11. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
12. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
13. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
14. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
15. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
16. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

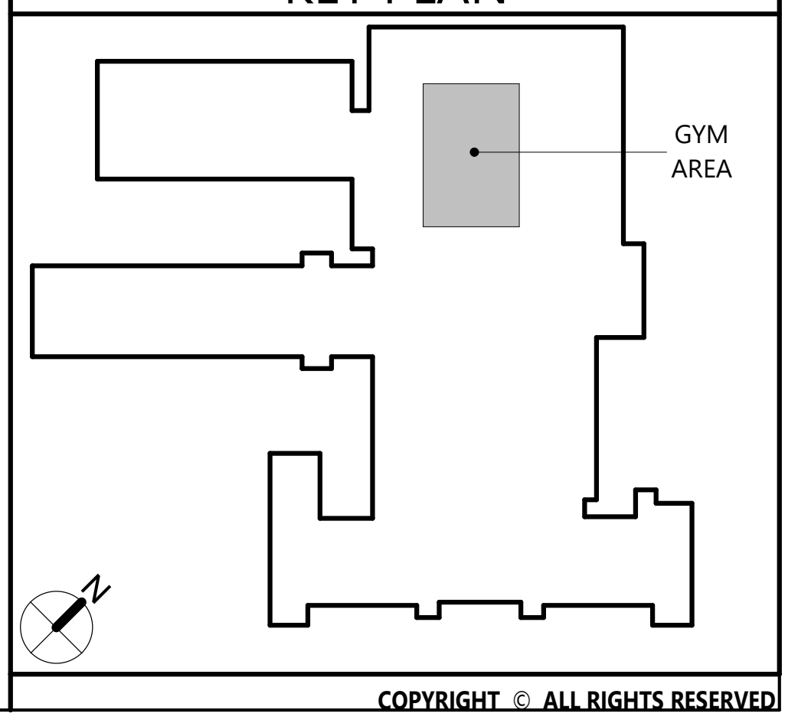
WINDOW NEW WORK NOTES

1. PROVIDE NEW WINDOW SHADES AS SPECIFIED FOR ALL NEW WINDOWS.
2. PROVIDE ATTIC STOCK OF WINDOW SHADES AS INDICATED IN THE 'ROLLER WINDOW SHADES' SPECIFICATION SECTION.
3. PROVIDE BLOCKING AS NEEDED AT EACH OPENING TO SET WINDOWS IN-PLACE. GAPS BETWEEN NEW WINDOWS AND EXISTING MASONRY OPENINGS SHALL NOT EXCEED 3/4" AT JAMBS AND HEADS.
4. PROVIDE INSULATION IN VOIDS CREATED WITHIN THE WINDOW OPENING AROUND BLOCKING AND/OR TRIM. INSULATION SHALL BE PROVIDED AS BATTS, SPRAY FOAM, OR RIGID BOARDS, BUT INSULATION SHALL PROVIDE A MINIMUM R-VALUE OF R-6.
5. SILL, JAMB AND HEAD FASTENERS TO COMPLY WITH ALL CRITERIA DESCRIBED IN THE SPECIFICATIONS.
6. ALL WINDOW SIZES INDICATED ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL M.O.'S PRIOR TO FABRICATION OF WINDOW UNITS. EXISTING CONDITIONS SHOWN SHALL BE VERIFIED BY CONTRACTOR AND REFLECTED ON SHOP DRAWINGS. THE CONTRACTO SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND JOB CONDITIONS AFFECTING THIS WORK.

NEW WORK KEYNOTES

	Description
A5	EXISTING BASKETBALL BACKSTOP TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A6	EXISTING TEXTURED WALL PANEL SYSTEM TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A17	PROVIDE NEW WALL INFILL BELOW NEW WINDOW SYSTEM TO ACCOMMODATE NEW WINDOW FRAMING. SEE A900 SHEETS FOR DETAILS.
A42	REINSTALL EXISTING SALVAGED EXHAUST FAN AND RECONNECT. TEST EXHAUST FAN AFTER REINSTALLATION TO CONFIRM OPERATION.
A63	RAKE-OUT MASONRY JOINTS TO DEPTH OF 3/4" MIN. CLEAN JOINTS THOROUGHLY OF DEBRIS AND LOOSE MATERIAL. PROVIDE REPOINTING OF JOINTS WITH SPECIFIED MORTAR.
W3	PROVIDE NEW WINDOW SYSTEM AS DETAILED AND SPECIFIED. SEE A900 SERIES DRAWINGS.
W4	PROVIDE NEW ALUMINUM TRIM/CLOSURE PIECE OVER EXISTING STRUCTURAL COLUMN TO MATCH ADJACENT WINDOW SYSTEM.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

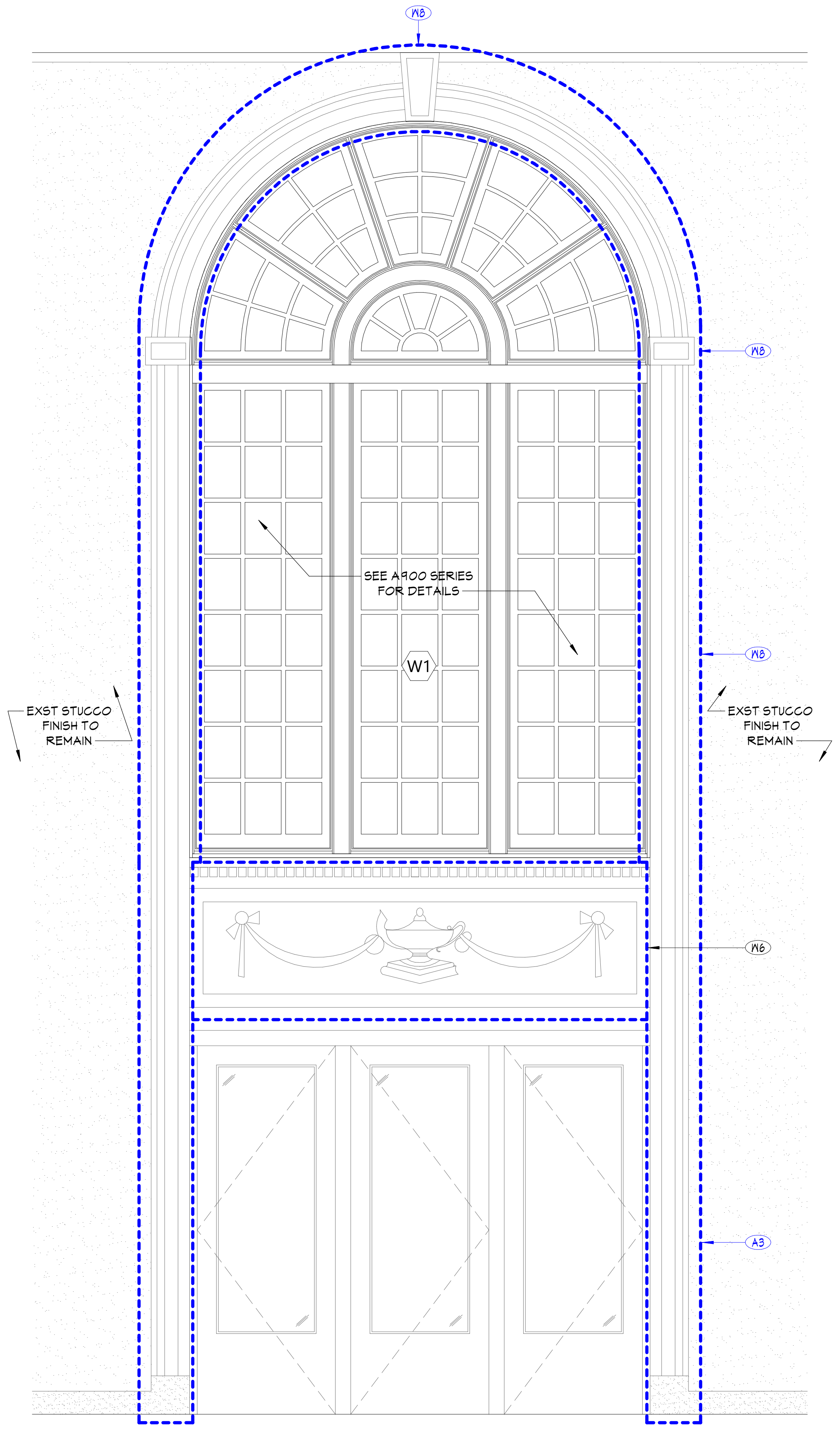
GYMNASIUM
PLANS &
ELEVATION

Sheet No.

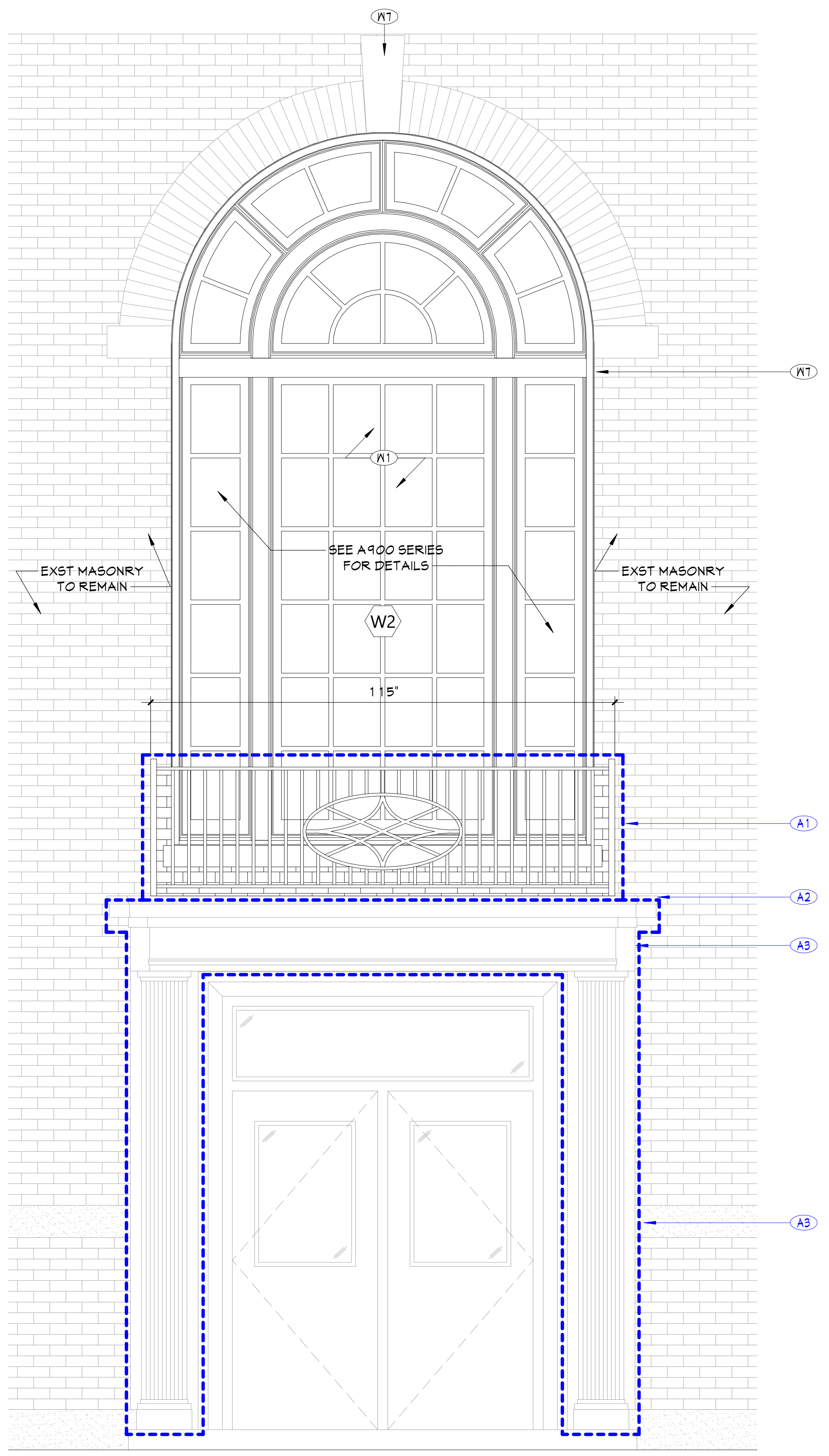
WMS
A112

CONSTRUCTION DOCUMENTS

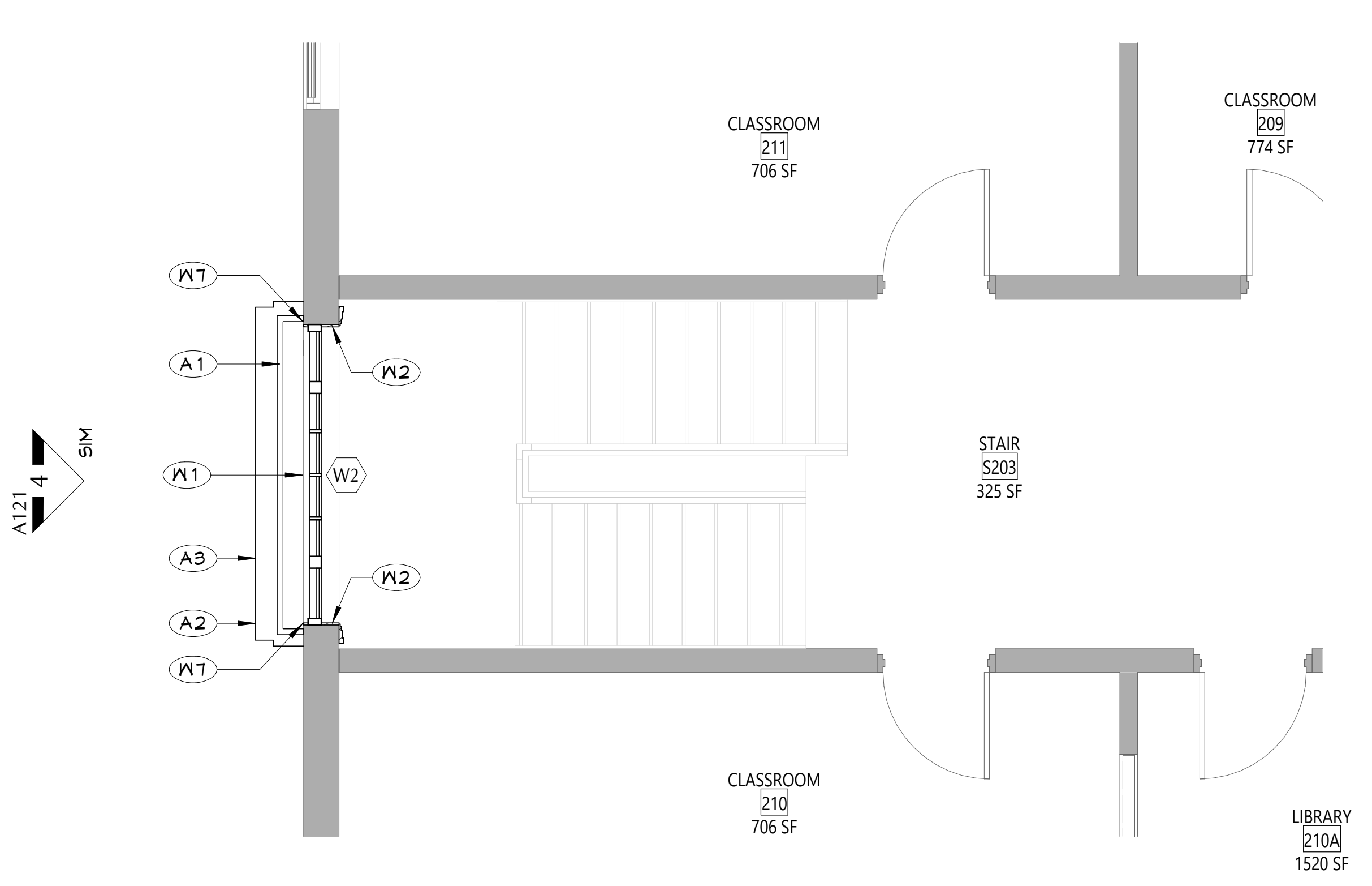
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt


W8
W8
W8
W6
A3
SEE A900 SERIES FOR DETAILS
W1
EXST STUCCO FINISH TO REMAIN
EXST STUCCO FINISH TO REMAIN

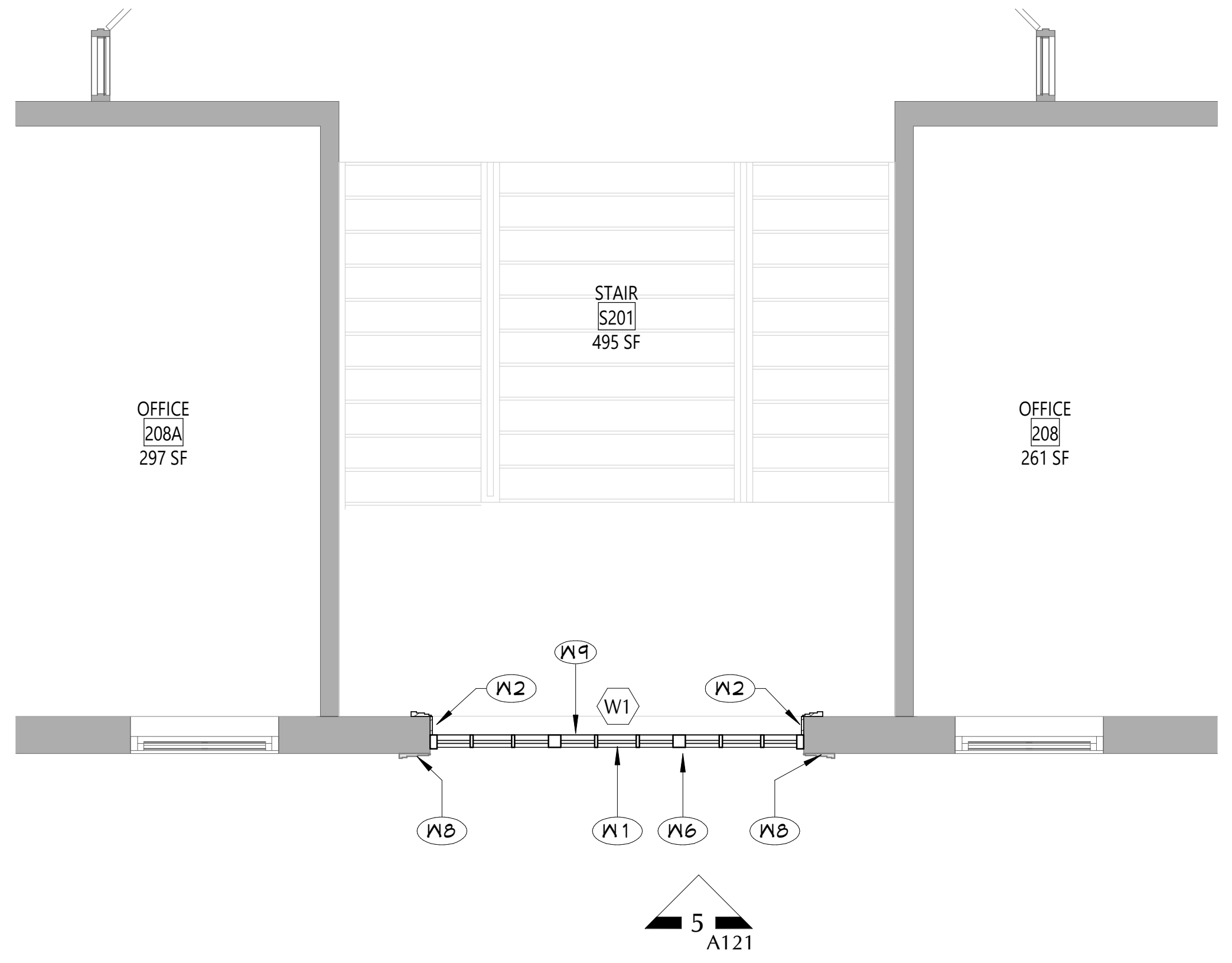
5 MAIN ENTRY WINDOW NEW WORK ELEV
A121 1/2" = 1'-0"



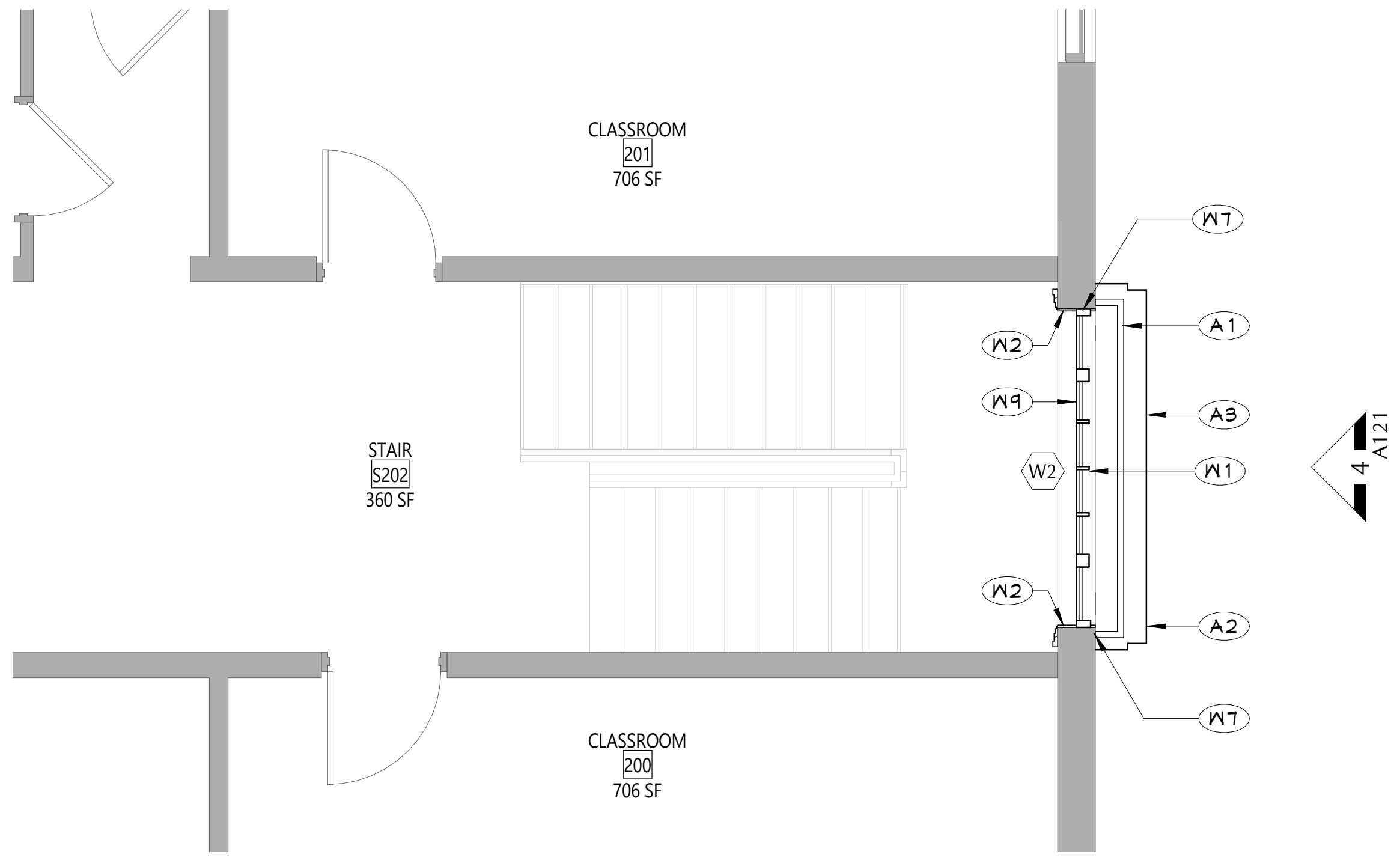
4 NORTH/SOUTH WINDOW NEW WORK ELEV
A121 1/2" = 1'-0"



3 SOUTH WINDOW NEW WORK PLAN
A121 1/4" = 1'-0"



2 FRONT WINDOW NEW WORK PLAN
A121 1/4" = 1'-0"



1 NORTH WINDOW NEW WORK PLAN
A121 1/4" = 1'-0"

NEW WORK KEYNOTES

	Description
A1	REPAINT SALVAGED RAILING SYSTEM IN ITS ENTIRETY WITH HIGH PERFORMANCE COATING AS SPECIFIED IN SECTION 099600. SECURELY REINSTALL AT ORIGINAL LOCATION.
A2	PROVIDE NEW METAL EDGE FLASHING AS SPECIFIED WHERE PREVIOUSLY REMOVED.
A3	PREP SURFACE, PRIME, AND PAINT EXISTING WOOD TRIM AND COLUMNS IN THEIR ENTIRETY WITH HIGH PERFORMANCE COATING AS SPECIFIED IN SECTION 099600.
W1	PROVIDE NEW WOOD WINDOW SYSTEM WITH GLAZING AS SPECIFIED IN EXISTING OPENING. PROVIDE NEW WINDOW TREATMENTS AS INDICATED. REFER TO WINDOW DETAILS FOR ADDITIONAL INFORMATION.
W2	PROVIDE NEW FINISHED WOOD INTERIOR TRIM AT NEW WINDOW SYSTEM. REFER TO WINDOW DETAILS FOR ADDITIONAL INFORMATION.
W6	EXISTING FRIEZE ABOVE BRONZE DOORS TO BE REFINISHED. PROTECT DURING NEW WORK INSTALLATION. REFER TO WINDOW DETAILS FOR ADDITIONAL INFORMATION.
W7	EXISTING MASONRY OPENING TO REMAIN. PROTECT EXISTING BRICK AND KEYSTONE DURING NEW WORK INSTALLATION.
W8	EXISTING EXTERIOR WINDOW WOOD TRIM TO BE REFINISHED. REFER TO WINDOW DETAILS FOR ADDITIONAL INFORMATION.
W9	PROVIDE NEW WINDOW SHADES AS DETAILED AND AS SPECIFIED.

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
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WINDOW NEW WORK NOTES

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2. PROVIDE ATTIC STOCK OF WINDOW SHADES AS INDICATED IN THE 'ROLLER WINDOW SHADES' SPECIFICATION SECTION.
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4. PROVIDE INSULATION IN VOIDS CREATED WITHIN THE WINDOW OPENING AROUND BLOCKING AND/OR TRIM. INSULATION SHALL BE PROVIDED AS BATTS, SPRAY FOAM, OR RIGID BOARDS, BUT INSULATION SHALL PROVIDE A MINIMUM R-VALUE OF R-6.
5. SILL, JAMB AND HEAD FASTENERS TO COMPLY WITH ALL CRITERIA DESCRIBED IN THE SPECIFICATIONS.
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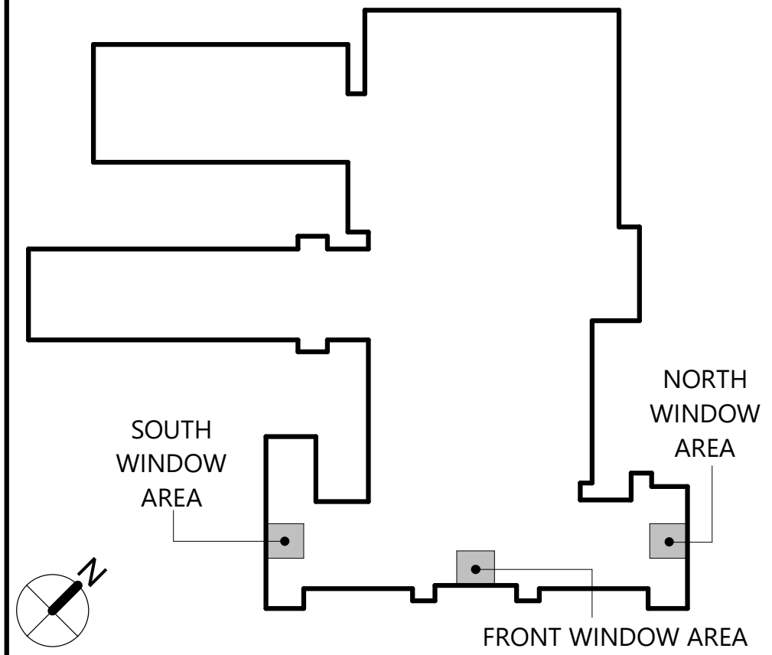
KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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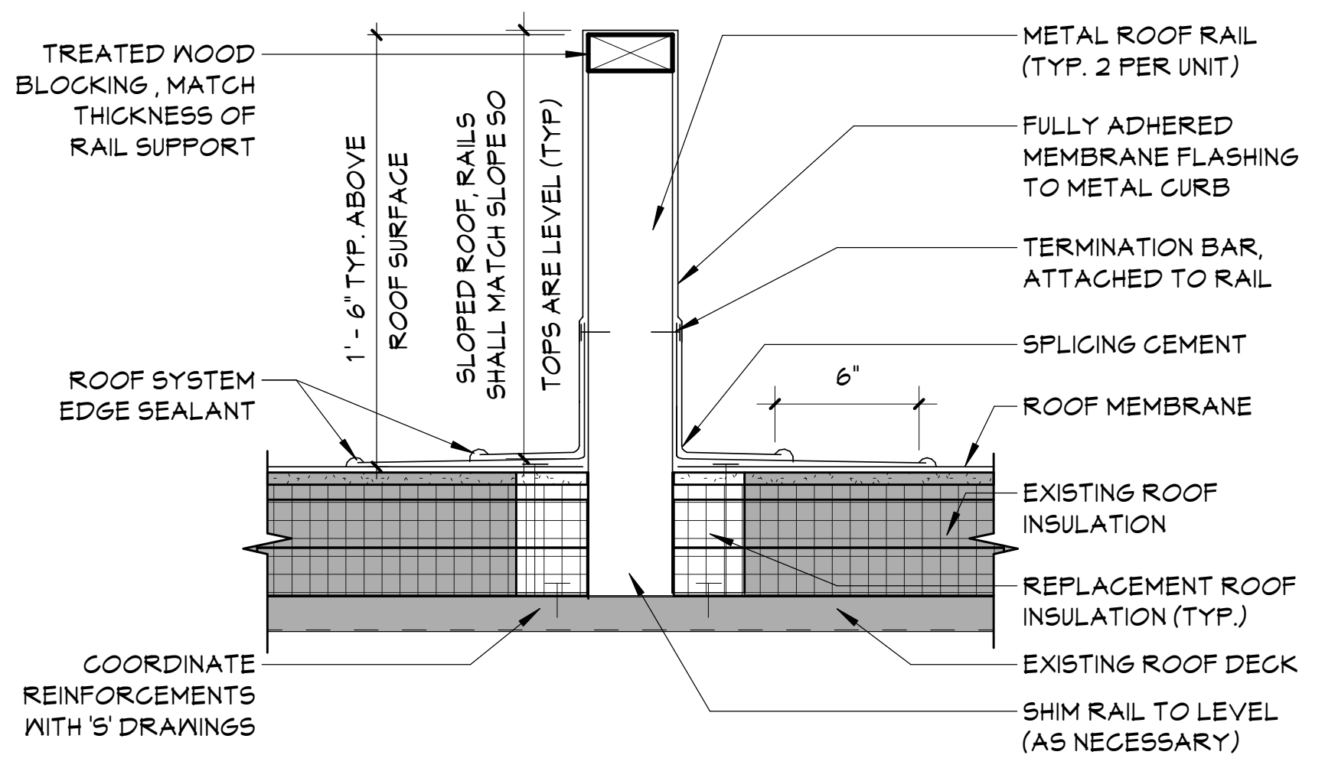
Sheet Title

SECOND FLOOR PARTIAL PLANS

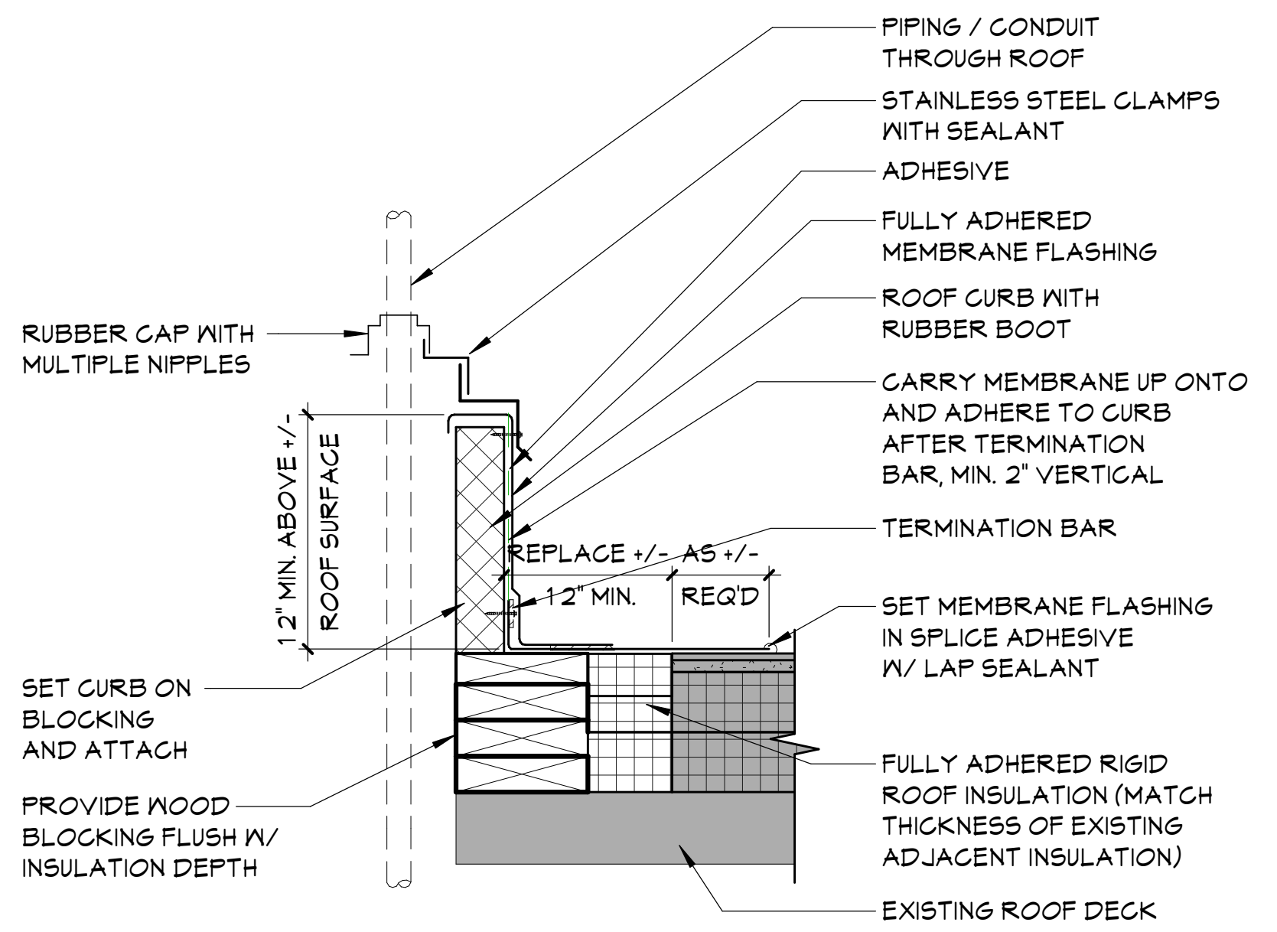
Sheet No.

WMS A121

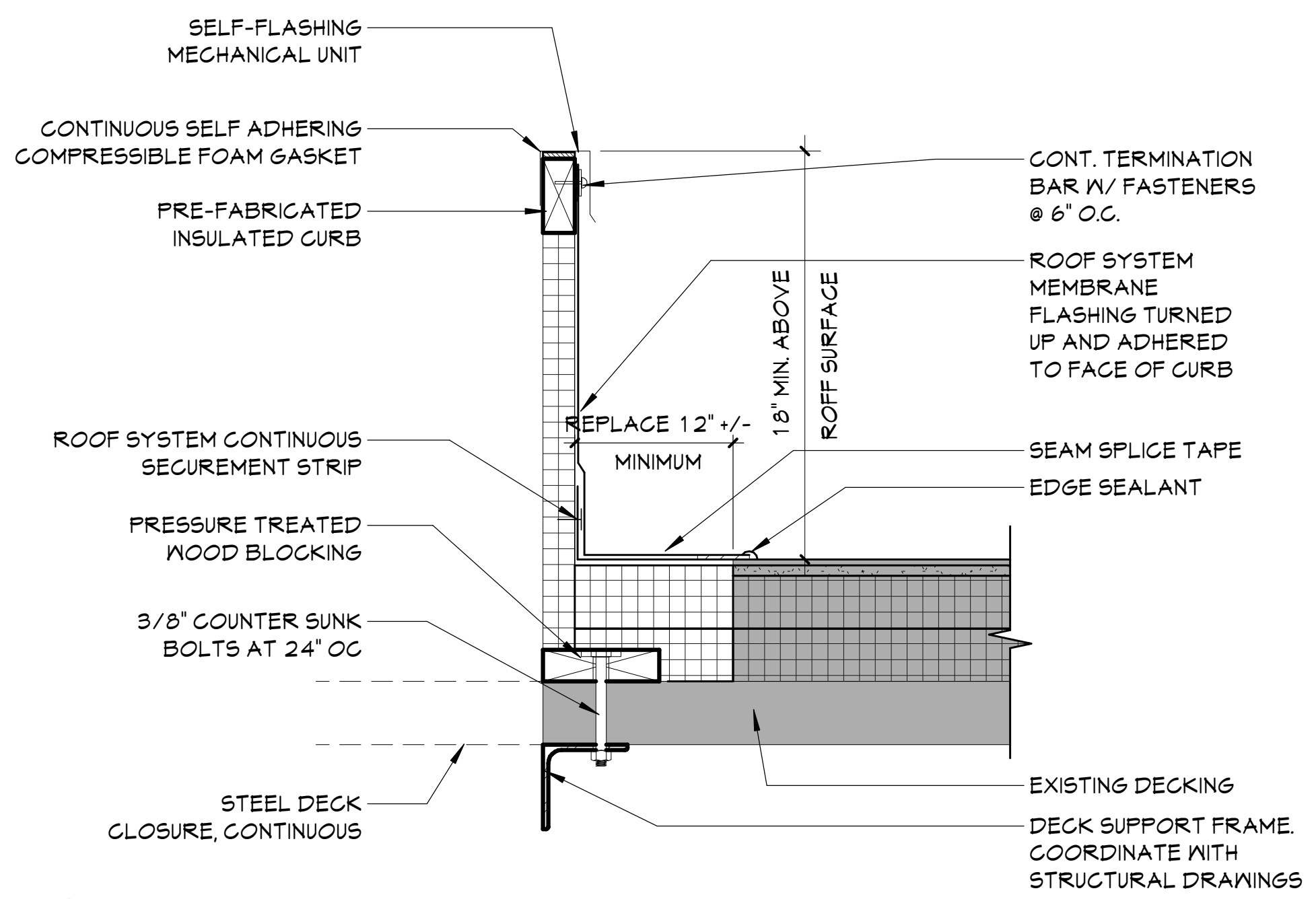
CONSTRUCTION DOCUMENTS


TREATED WOOD BLOCKING , MATCH THICKNESS OF RAIL SUPPORT
1' - 6" TYP. ABOVE ROOF SURFACE
SLOPED ROOF, RAILS SHALL MATCH SLOPE SO TOPS ARE LEVEL (TYP)
ROOF SYSTEM EDGE SEALANT
COORDINATE REINFORCEMENTS WITH 'S' DRAWINGS
METAL ROOF RAIL (TYP. 2 PER UNIT)
FULLY ADHERED MEMBRANE FLASHING TO METAL CURB
TERMINATION BAR, ATTACHED TO RAIL
SPLICING CEMENT
6"
ROOF MEMBRANE
EXISTING ROOF INSULATION
REPLACEMENT ROOF INSULATION (TYP.)
EXISTING ROOF DECK
SHIM RAIL TO LEVEL (AS NECESSARY)

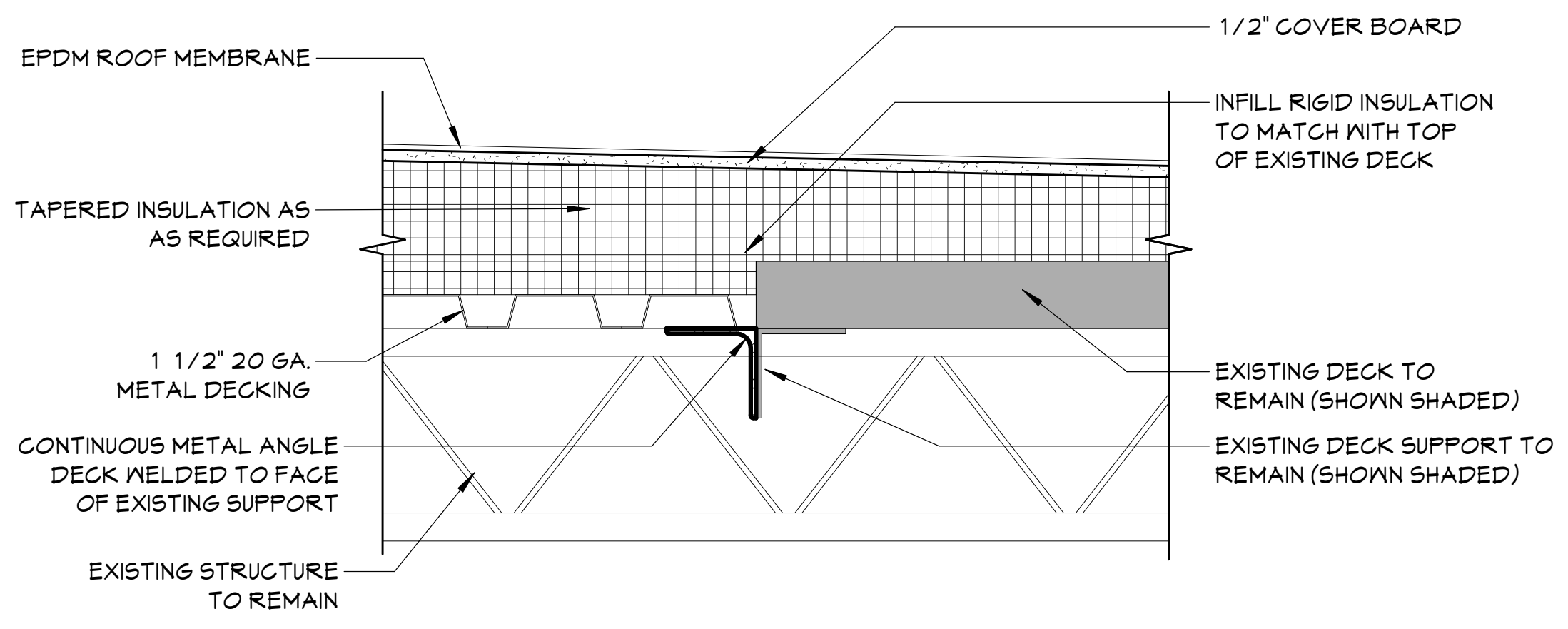
5 EQUIPMENT RAIL DETAIL
A401 1 1/2" = 1'-0"


PIPING / CONDUIT THROUGH ROOF
STAINLESS STEEL CLAMPS WITH SEALANT
ADHESIVE
FULLY ADHERED MEMBRANE FLASHING
ROOF CURB WITH RUBBER BOOT
CARRY MEMBRANE UP ONTO AND ADHERE TO CURB AFTER TERMINATION BAR, MIN. 2" VERTICAL
TERMINATION BAR
SET MEMBRANE FLASHING IN SPLICE ADHESIVE W/ LAP SEALANT
FULLY ADHERED RIGID ROOF INSULATION (MATCH THICKNESS OF EXISTING ADJACENT INSULATION)
EXISTING ROOF DECK
RUBBER CAP WITH MULTIPLE NIPPLES
12" MIN. ABOVE +/- ROOF SURFACE
REPLACE +/- AS +/-
12" MIN.
REQ'D
SET CURB ON BLOCKING AND ATTACH
PROVIDE WOOD BLOCKING FLUSH W/ INSULATION DEPTH

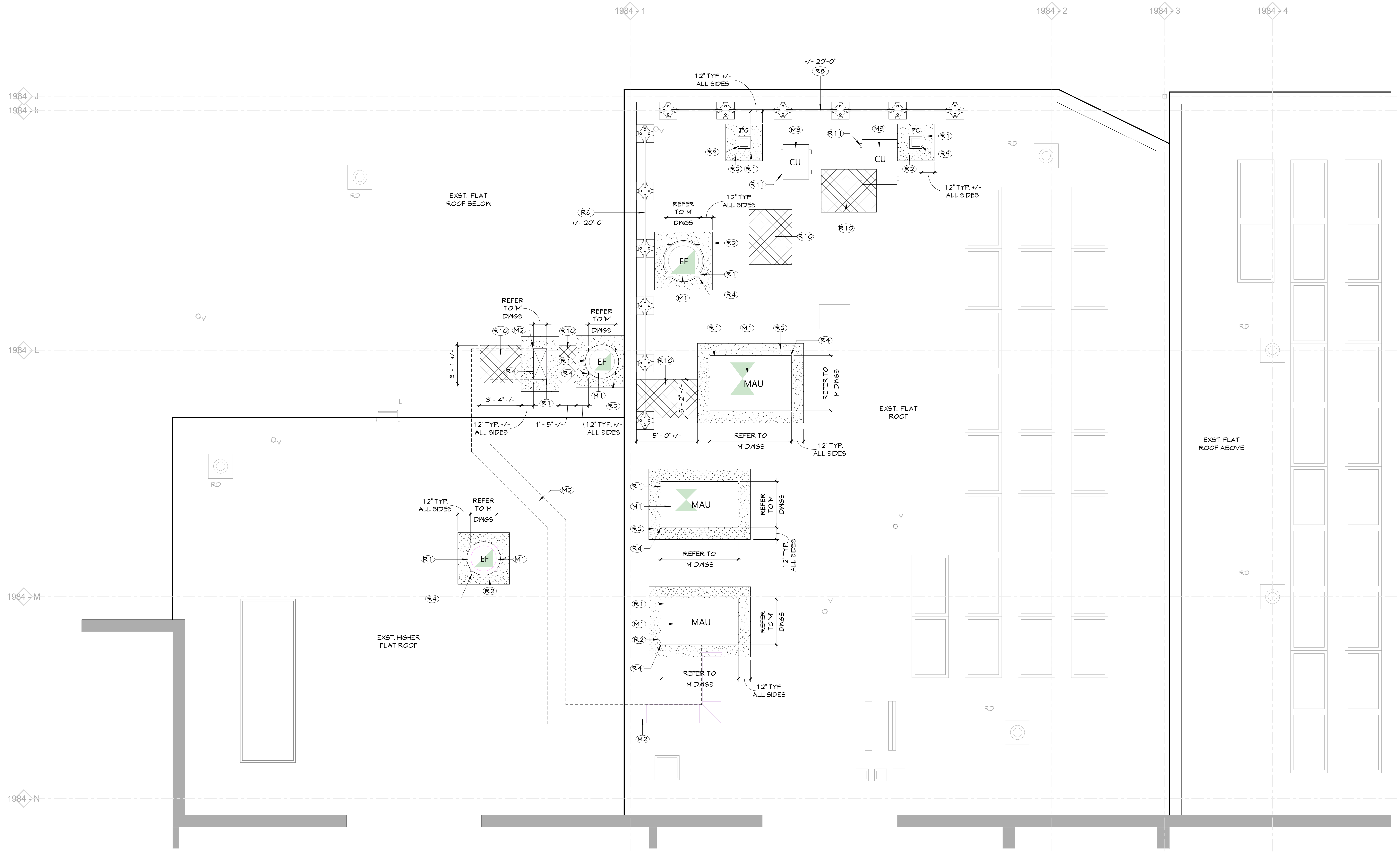
4 PIPE PORTAL CURB DETAIL
A401 1 1/2" = 1'-0"


SELF-FLASHING MECHANICAL UNIT
CONTINUOUS SELF ADHERING COMPRESSIBLE FOAM GASKET
PRE-FABRICATED INSULATED CURB
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP
PRESSURE TREATED WOOD BLOCKING
3/8" COUNTER SUNK BOLTS AT 24" OC
STEEL DECK CLOSURE, CONTINUOUS
CONT. TERMINATION BAR W/ FASTENERS @ 6" O.C.
ROOF SYSTEM MEMBRANE FLASHING TURNED UP AND ADHERED TO FACE OF CURB
18" MIN. ABOVE ROFF SURFACE
REPLACE 12" +/- MINIMUM
SEAM SPLICE TAPE
EDGE SEALANT
EXISTING DECKING
DECK SUPPORT FRAME. COORDINATE WITH STRUCTURAL DRAWINGS

3 EQUIPMENT CURB DETAIL
A401 1 1/2" = 1'-0"


EPDM ROOF MEMBRANE
TAPERED INSULATION AS AS REQUIRED
1 1/2" 20 GA. METAL DECKING
CONTINUOUS METAL ANGLE DECK WELDED TO FACE OF EXISTING SUPPORT
EXISTING STRUCTURE TO REMAIN
1/2" COVER BOARD
INFILL RIGID INSULATION TO MATCH WITH TOP OF EXISTING DECK
EXISTING DECK TO REMAIN (SHOWN SHADED)
EXISTING DECK SUPPORT TO REMAIN (SHOWN SHADED)

2 ROOF INFILL DETAIL
A401 1 1/2" = 1'-0"



1 PARTIAL ROOF NEW WORK PLAN ABOVE KITCHEN
A401 1/4" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○○	GOOSENECK, COORDINATE W/ MEP DWGS
☐PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠ ◪	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
→	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
☐	SOLAR PANEL, COORDINATE W/ MEP DWGS
⌜ ⌝	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

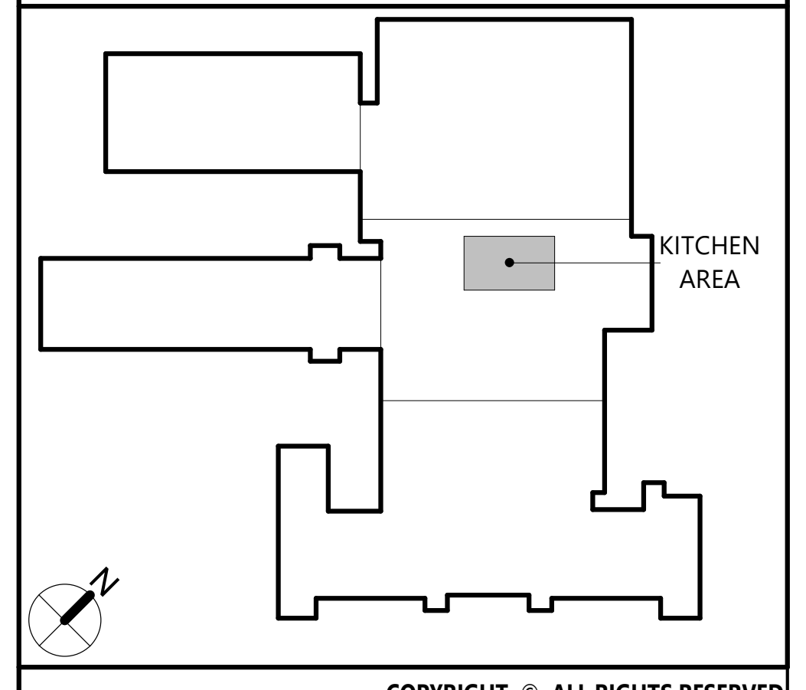
ROOF NEW WORK LEGEND

▨	AREA OF ROOF PATCHING/FLASHING

NEW WORK KEYNOTES

	Description
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
M3	CONDENSING UNIT. COORDINATE WITH STRUCTURAL, MECHANICAL AND FOOD SERVICE DRAWINGS.
R1	PROVIDE ROOF FLASHING AROUND NEW ROOFTOP UNIT MECHANICAL EQUIPMENT CURB. COORDINATE WITH MECHANICAL DRAWINGS.
R2	PROVIDE 12" MINIMUM OF NEW ROOFING SYSTEM AROUND THE PERIMETER OF NEW MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
R4	PROVIDE NEW ROOF CURB FOR NEW ROOF MOUNTED MECHANICAL EQUIPMENT. COORDINATE WITH MEP DRAWINGS.
R8	PROVIDE NON-PENETRATING ROOF FALL PROTECTION GUARDRAILS AS SPECIFIED.
R9	PROVIDE PIPE PORTAL ON CURB.
R10	PROVIDE ROOF INFILL PER DETAILS.
R11	PROVIDE ROOF EQUIPMENT RAILS PER DETAILS. TYPICAL OF (2) FOR EACH UNIT.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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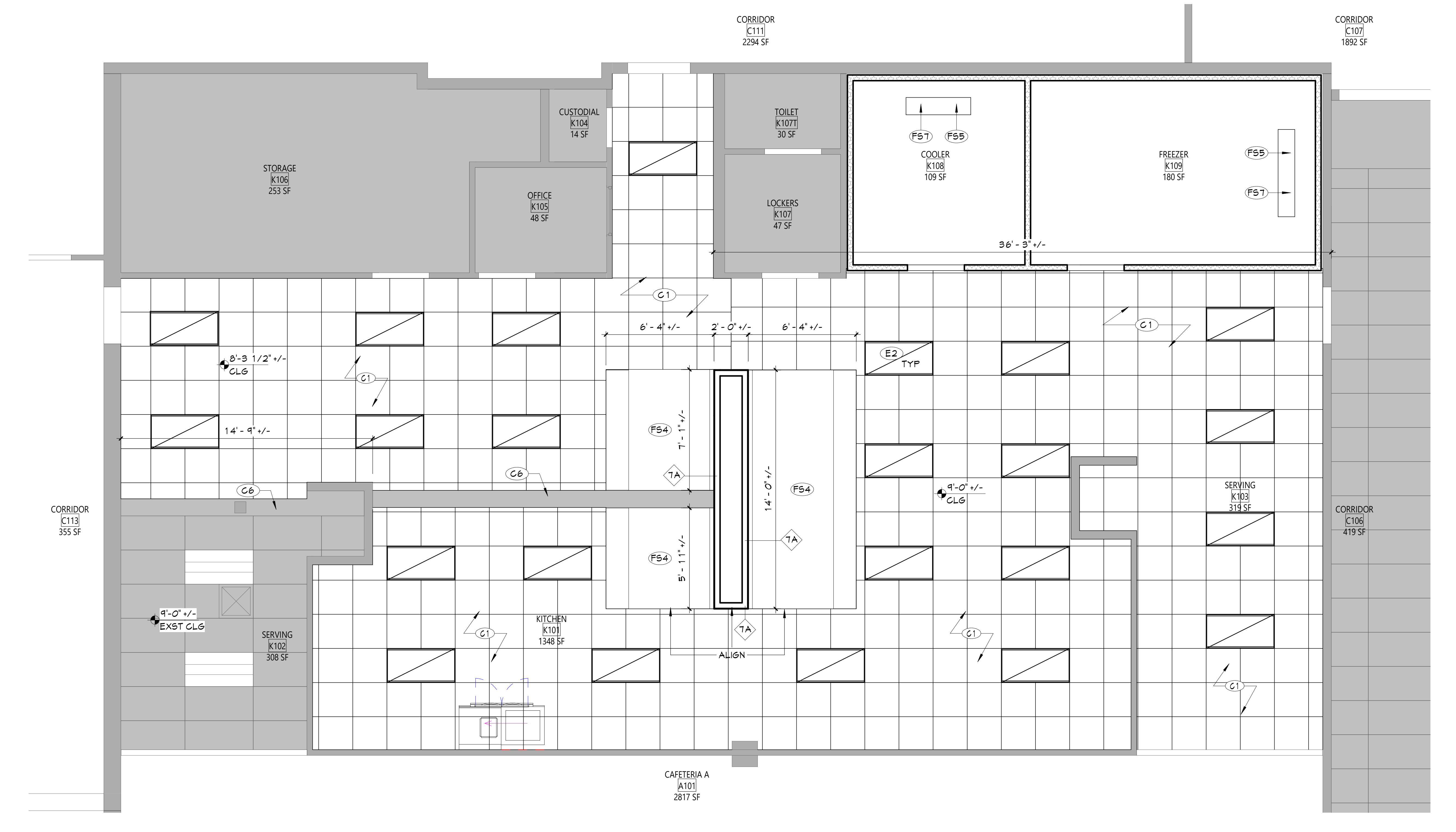
Checked By:	Checker
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
KITCHEN
ROOF NEW
WORK PLAN &
DETAILS

Sheet No.
WMS
A401

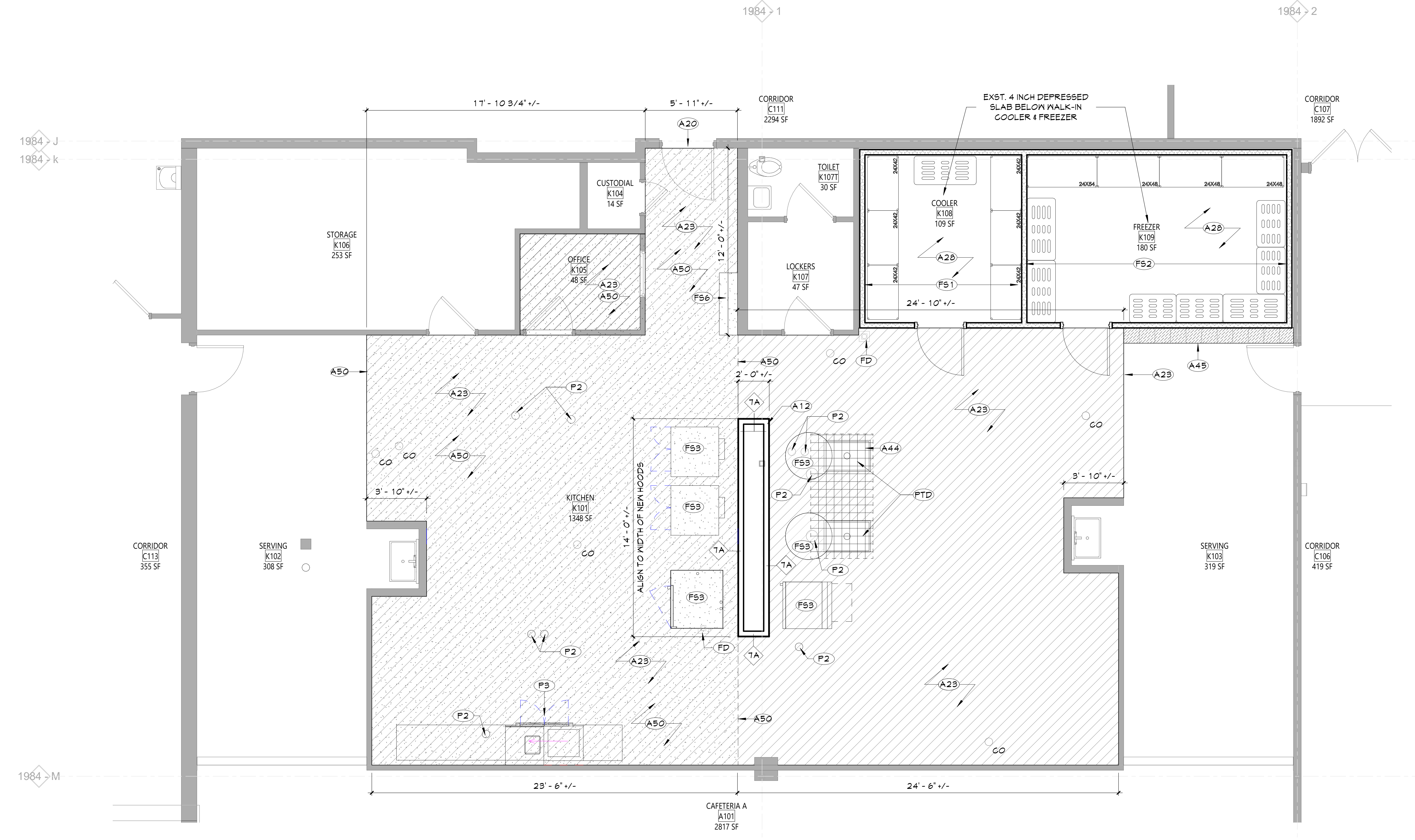
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



2 KITCHEN NEW WORK RCP

A601 1/4" = 1'-0"



1 KITCHEN NEW WORK PLAN

A601 1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

■	EXISTING CEILING TO REMAIN
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN
░	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
⊞	NEW SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
◐ +X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
□	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
Ⓢ	CEILING MOUNTED PA SPEAKER
Ⓙ	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A23	PROVIDE NEW QUARRY TILE FLOORING SYSTEM AND SCHEDULED WALL BASE.REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A28	PROVIDE LIQUID-APPLIED VAPOR RETARDER COATING AS SPECIFIED OVER ENTIRE DEPRESSED SLAB AREA BELOW NEW WALK-IN COOLER AND WALK-IN FREEZER.
A44	PROVIDE PATCHING OF CONCRETE SLAB AROUND NEW DRAINS WITH NEW 4,000 PSI CONCRETE PRIOR TO QUARRY TILE INSTALLATION. COORDINATE WITH PLUMBING DRAWINGS.
A45	PROVIDE FLOOR FINISH PATCHING TO MATCH EXISTING ADJACENT FLOOR FINISH. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A50	PROVIDE SELF-LEVELING CEMENTITIOUS FLOOR UNDERLAYMENT WHERE DOUBLE LAYER OF QUARRY TILE WAS REMOVED TO ALIGN NEW FLOOR FINISHES WITH EXISTING FLOOR FINISHES.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C6	PREP SURFACE, PRIME, AND PAINT EXISTING SOFFIT.
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
FD	FLOOR DRAIN. COORDINATE WITH PLUMBING DRAWINGS.
FS1	WALK-IN COOLER. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS2	WALK-IN FREEZER. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS3	FOOD PREPARATION EQUIPMENT. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS4	KITCHEN HOOD AND FIRE SUPPRESSION SYSTEM. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS5	WALK-IN CONDENSER. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS6	FIRE SUPPRESSION SYSTEM. COORDIANTE WITH FOOR SERVICE DRAWINGS.
FS7	WALK-IN EVAPORATOR. COORDINATE WITH FOOD SERVICE DRAWINGS.
P2	RAISED PIPE DRAIN. COORDINATE WITH PLUMBING DRAWINGS.
P3	NEW CHAMPION 44 PRO VHR ELECTRIC DISHWASHER. OWNER FURNISHED, CONTRACTOR INSTALLED. INCLUDES 30" CANTILEVER SIDELOADER AND 84" ROLLER CONVEYOR TABLE. REFER TO 'P' DRAWINGS.
PTD	TRENCH DRAIN. COORDINATE WITH PLUMBING DRAWINGS.

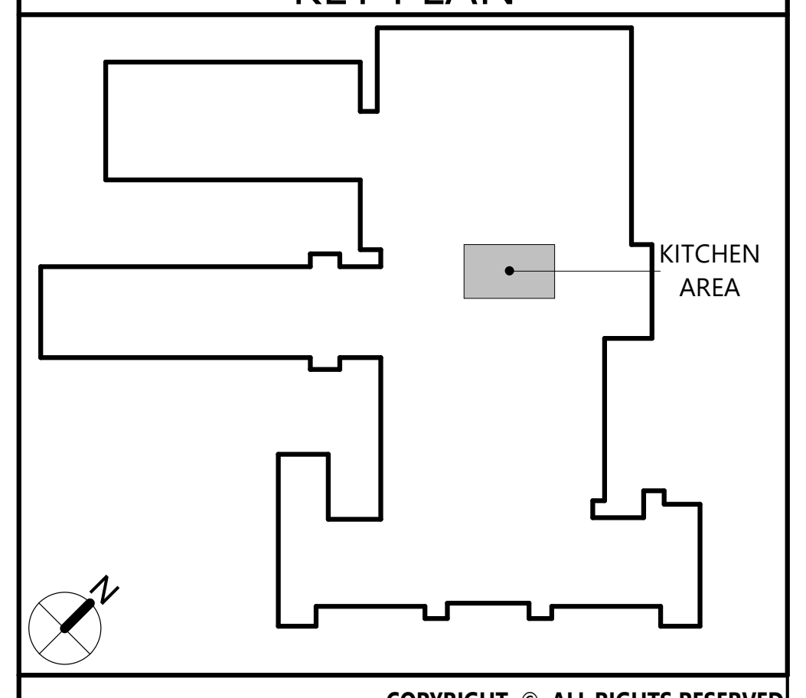
NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
4. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
5. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
6. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
7. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
8. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
9. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
10. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
11. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
12. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
13. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
14. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
15. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
16. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK LEGEND

▨	NEW FLOOR FINISH. REFER TO AF SERIES DRAWINGS.
▧	AREA OF FLOOR FINISH PATCHING. REFER TO AF SERIES DRAWINGS.
▦	AREA OF CONCRETE SLAB PATCH
░	NEW SELF-LEVELING UNDERLAYMENT

KEY PLAN



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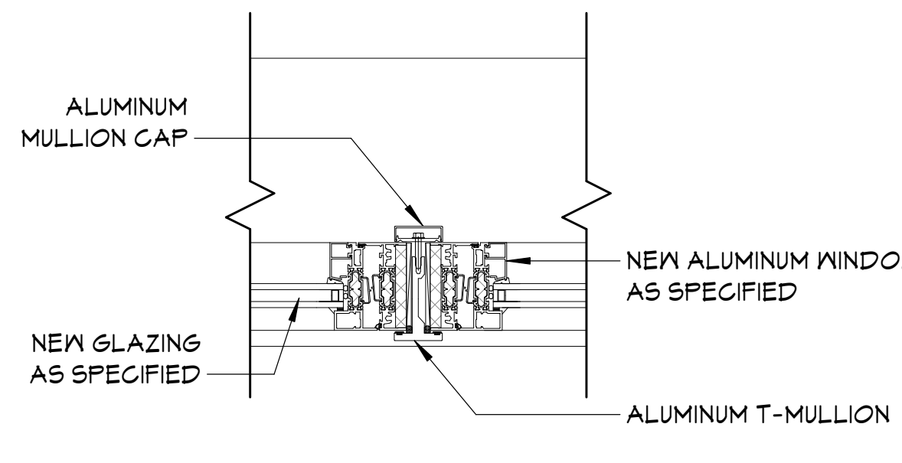
Sheet Title
KITCHEN
PLANS

Sheet No.
WMS
A601

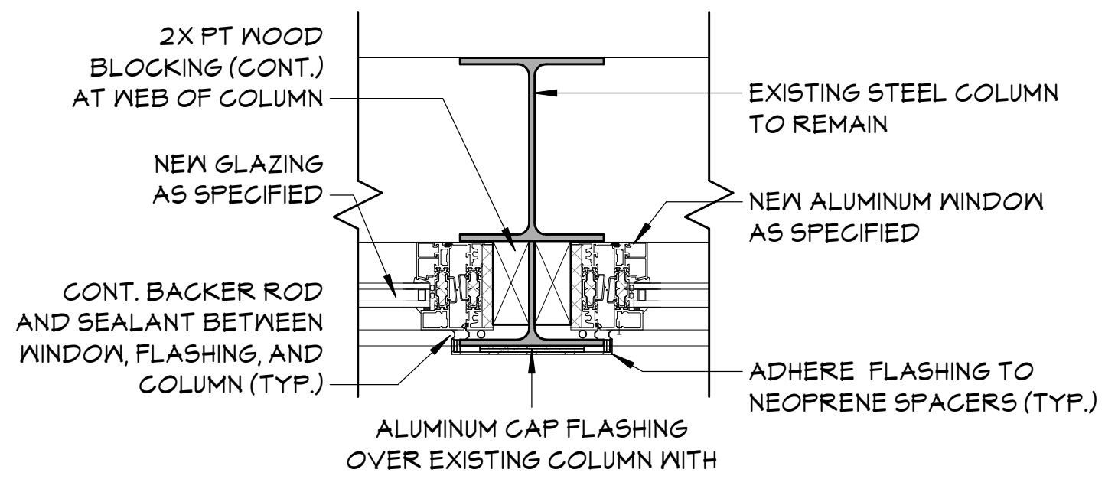
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE MS Ph2_Ph3 - ARCH.rvt



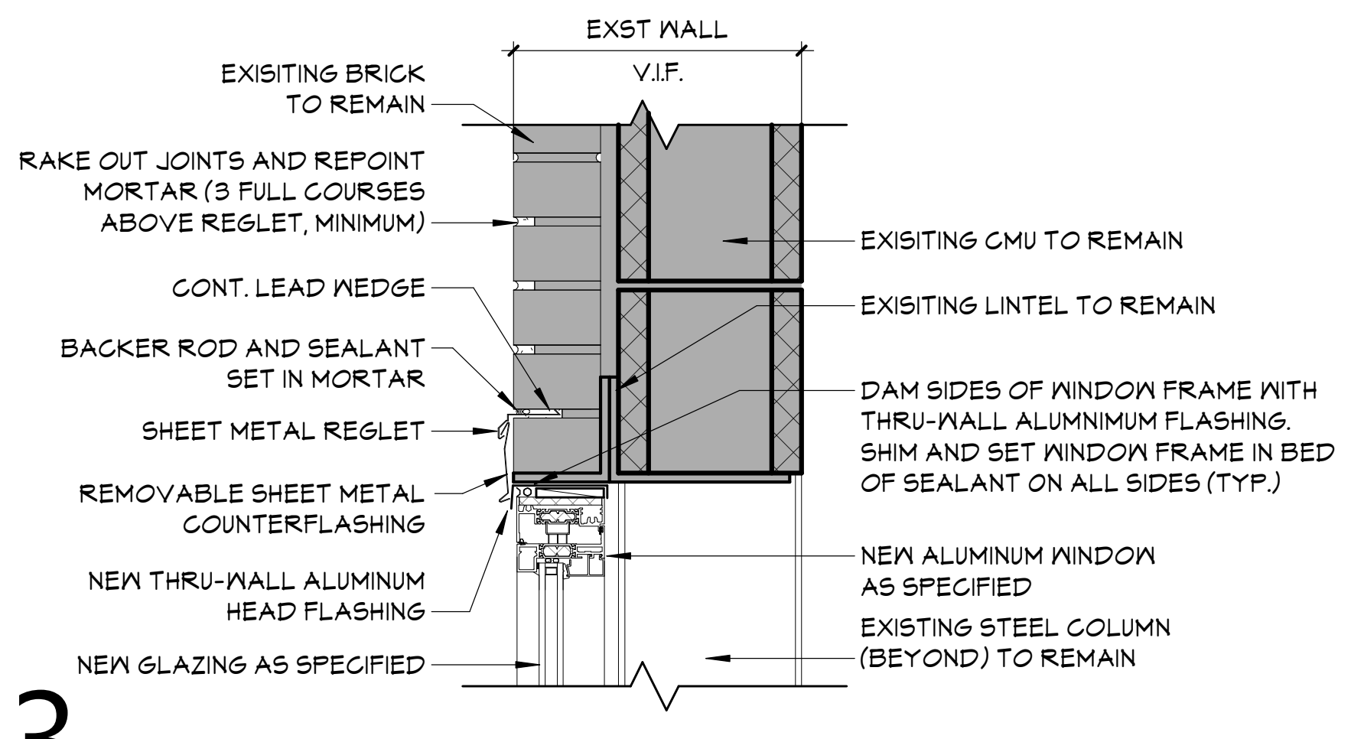
6 MULLION DETAIL WITH CAP

A910 1 1/2" = 1'-0"


2X PT WOOD BLOCKING (CONT.) AT WEB OF COLUMN
EXISTING STEEL COLUMN TO REMAIN
NEW GLAZING AS SPECIFIED
NEW ALUMINUM WINDOW AS SPECIFIED
CONT. BACKER ROD AND SEALANT BETWEEN WINDOW, FLASHING, AND COLUMN (TYP.)
ADHERE FLASHING TO NEOPRENE SPACERS (TYP.)
ALUMINUM CAP FLASHING OVER EXISTING COLUMN WITH 1/4" NEOPRENE SPACERS

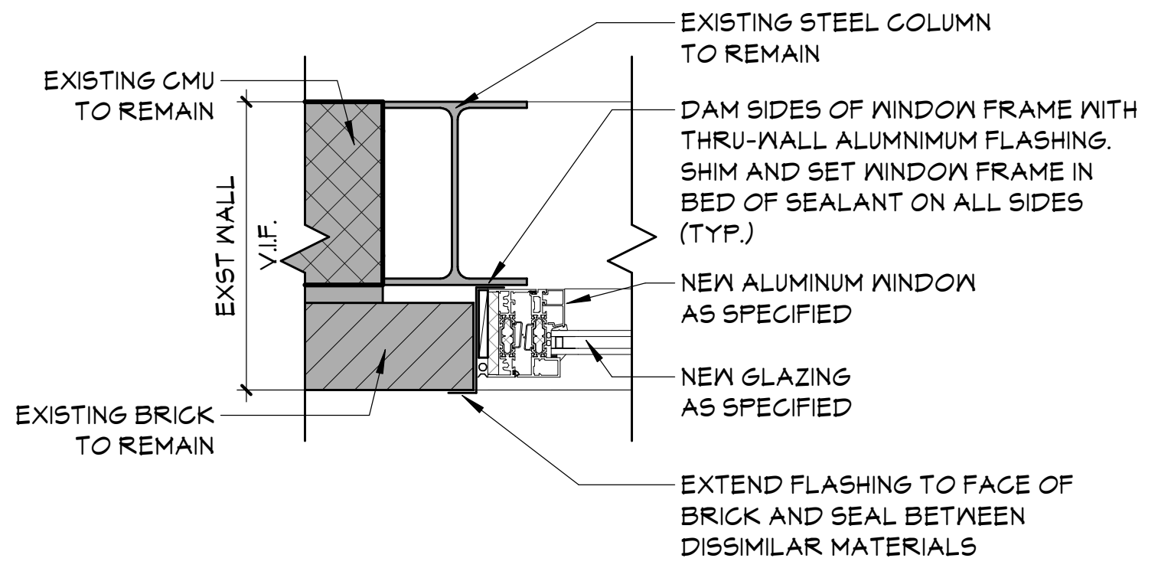
5 DETAIL AT EXISTING COLUMN

A910 1 1/2" = 1'-0"


EXST WALL
V.I.F.
EXISITING BRICK TO REMAIN
RAKE OUT JOINTS AND REPOINT MORTAR (3 FULL COURSES ABOVE REGLET, MINIMUM)
EXISITING CMU TO REMAIN
CONT. LEAD WEDGE
EXISITING LINTEL TO REMAIN
BACKER ROD AND SEALANT SET IN MORTAR
DAM SIDES OF WINDOW FRAME WITH THRU-WALL ALUMNIMUM FLASHING. SHIM AND SET WINDOW FRAME IN BED OF SEALANT ON ALL SIDES (TYP.)
SHEET METAL REGLET
REMOVABLE SHEET METAL COUNTERFLASHING
NEW ALUMINUM WINDOW AS SPECIFIED
NEW THRU-WALL ALUMINUM HEAD FLASHING
EXISTING STEEL COLUMN (BEYOND) TO REMAIN
NEW GLAZING AS SPECIFIED

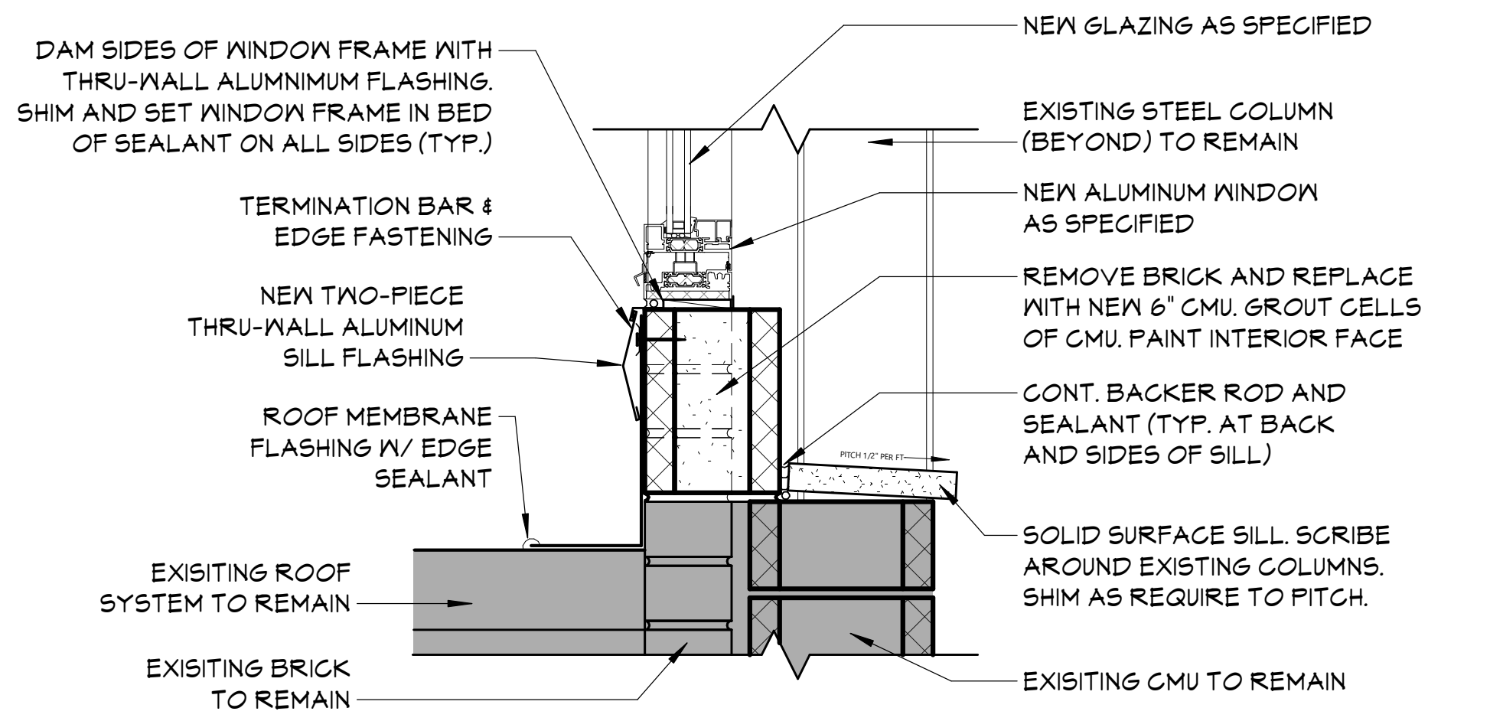
3 HEAD DETAIL

A910 1 1/2" = 1'-0"


EXISTING CMU TO REMAIN
EXISTING STEEL COLUMN TO REMAIN
DAM SIDES OF WINDOW FRAME WITH THRU-WALL ALUMNIMUM FLASHING. SHIM AND SET WINDOW FRAME IN BED OF SEALANT ON ALL SIDES (TYP.)
EXST WALL
V.I.F.
NEW ALUMINUM WINDOW AS SPECIFIED
NEW GLAZING AS SPECIFIED
EXISTING BRICK TO REMAIN
EXTEND FLASHING TO FACE OF BRICK AND SEAL BETWEEN DISSIMILAR MATERIALS

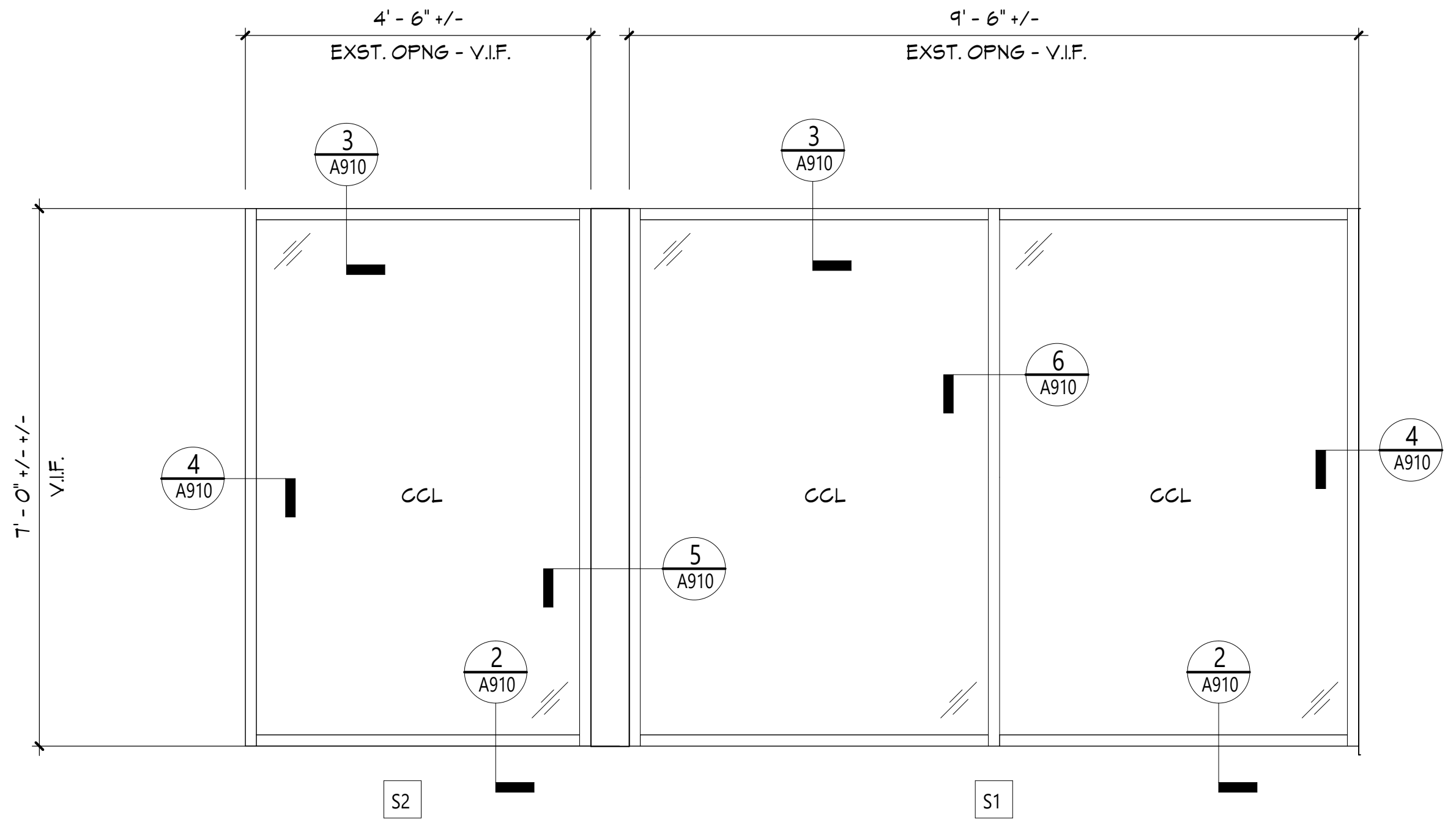
4 JAMB DETAIL

A910 1 1/2" = 1'-0"


DAM SIDES OF WINDOW FRAME WITH THRU-WALL ALUMNIMUM FLASHING. SHIM AND SET WINDOW FRAME IN BED OF SEALANT ON ALL SIDES (TYP.)
NEW GLAZING AS SPECIFIED
EXISTING STEEL COLUMN (BEYOND) TO REMAIN
TERMINATION BAR & EDGE FASTENING
NEW ALUMINUM WINDOW AS SPECIFIED
NEW TWO-PIECE THRU-WALL ALUMINUM SILL FLASHING
REMOVE BRICK AND REPLACE WITH NEW 6" CMU. GROUT CELLS OF CMU. PAINT INTERIOR FACE
ROOF MEMBRANE FLASHING W/ EDGE SEALANT
CONT. BACKER ROD AND SEALANT (TYP. AT BACK AND SIDES OF SILL)
PITCH 1/2" PER FT
EXISITING ROOF SYSTEM TO REMAIN
SOLID SURFACE SILL. SCRIBE AROUND EXISTING COLUMNS. SHIM AS REQUIRE TO PITCH.
EXISITING BRICK TO REMAIN
EXISITING CMU TO REMAIN

2 SILL DETAIL

A910 1 1/2" = 1'-0"



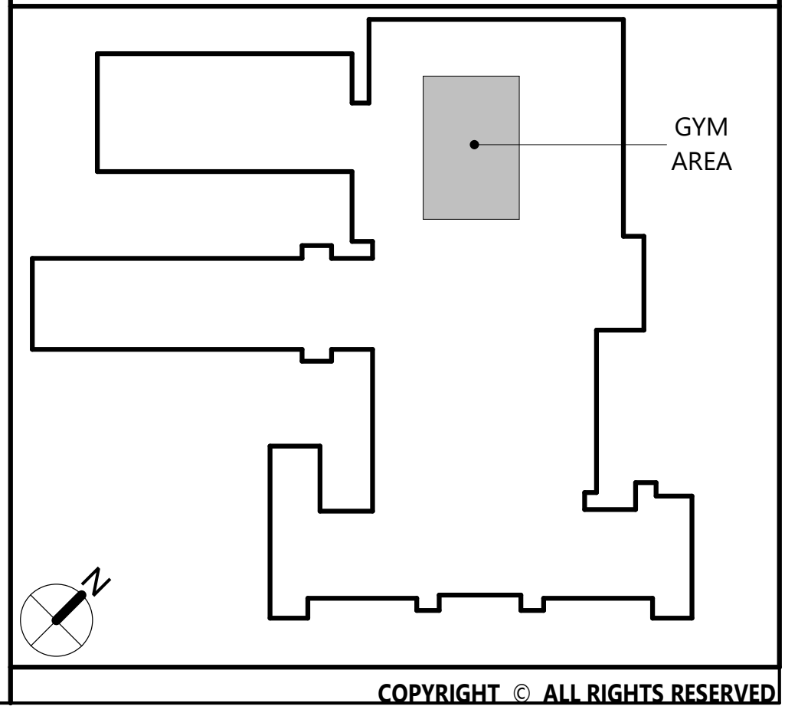
1 WINDOW TYPES

A910 1/2" = 1'-0"

GLAZING TYPES

CCL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SP	SPANDREL GLASS
SG	SECURITY GLAZING - LOW-E COATED, INSULATED GLASS (CCL) WITH SPECIFIED SECURITY FILM

KEY PLAN



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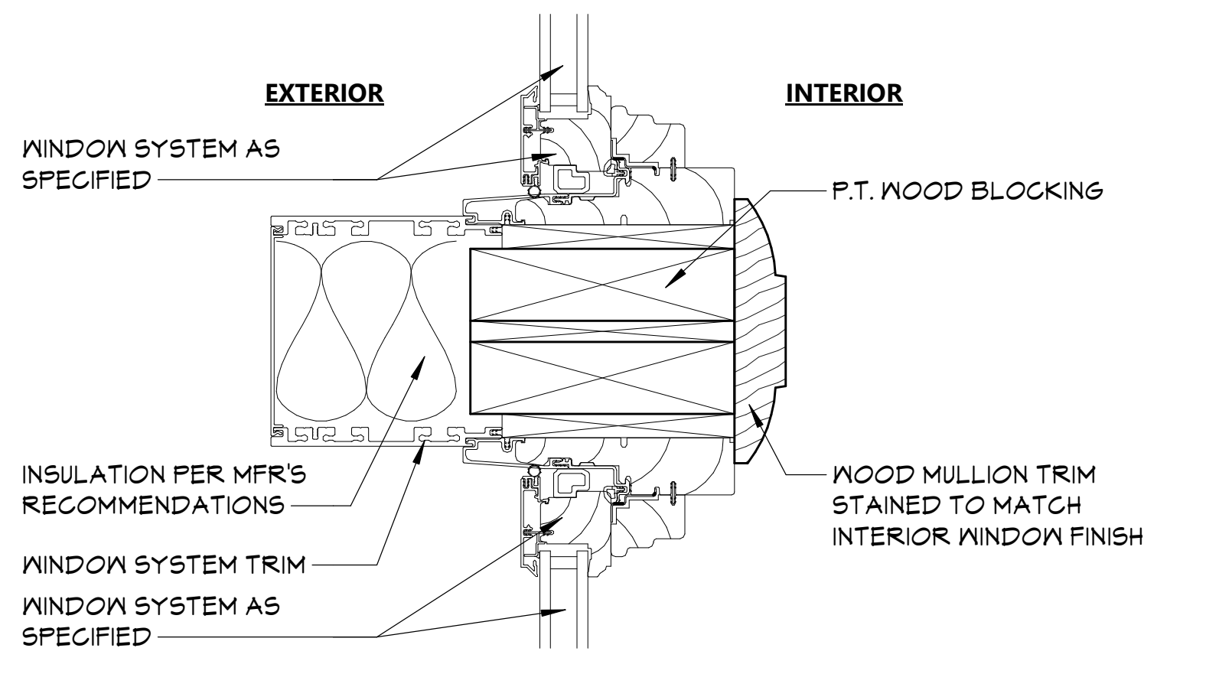
Sheet Title

ALUMINUM
WINDOW
ELEVATIONS &
DETAILS

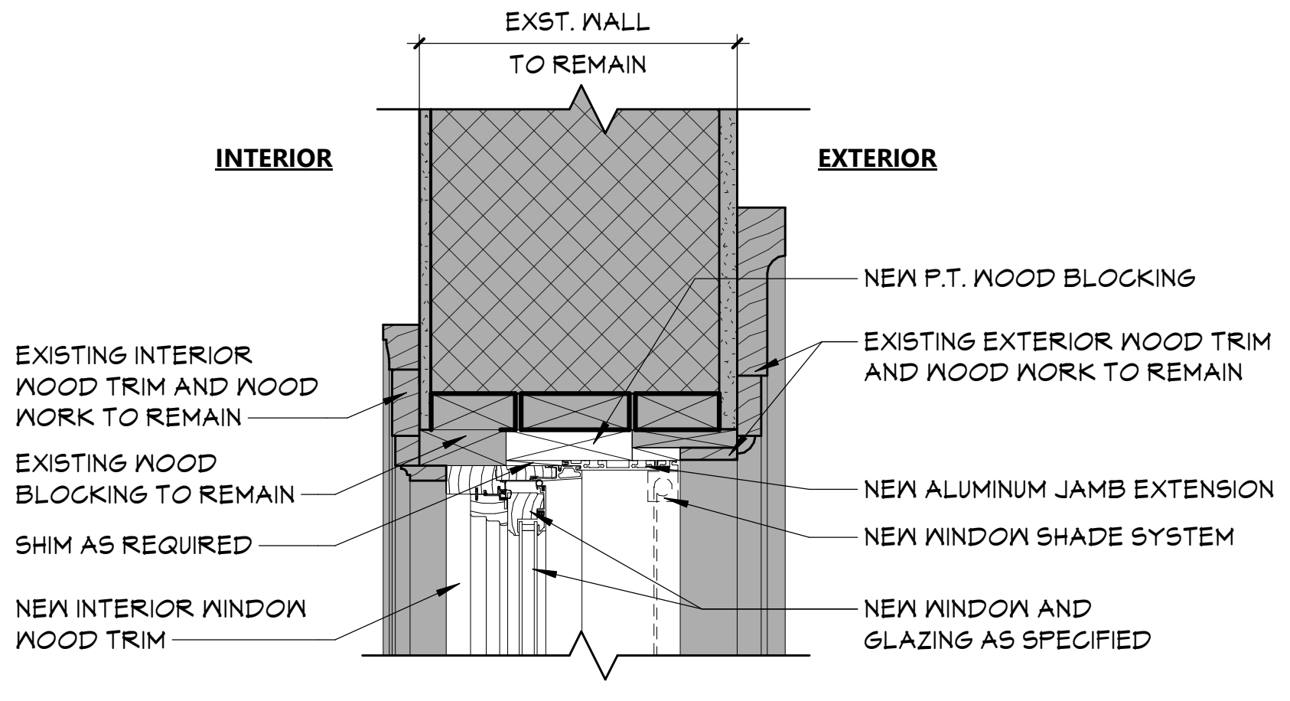
Sheet No.

WMS
A910

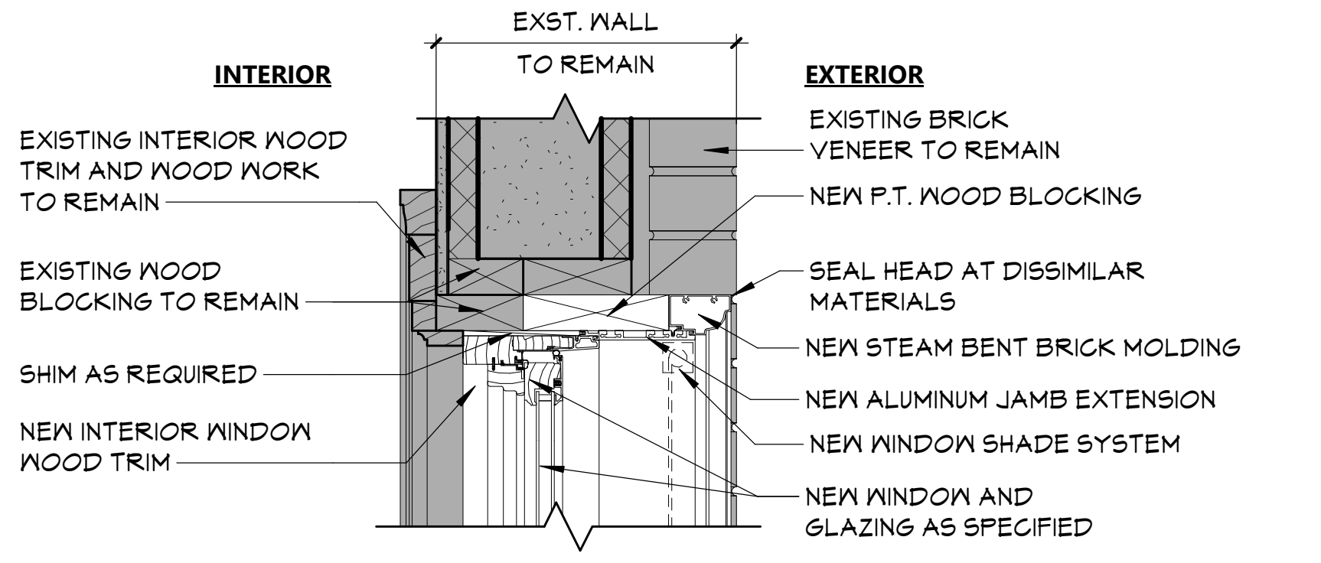
CONSTRUCTION DOCUMENTS


EXTERIOR
INTERIOR
WINDOW SYSTEM AS SPECIFIED
P.T. WOOD BLOCKING
INSULATION PER MFR'S RECOMMENDATIONS
WOOD MULLION TRIM STAINED TO MATCH INTERIOR WINDOW FINISH
WINDOW SYSTEM TRIM
WINDOW SYSTEM AS SPECIFIED

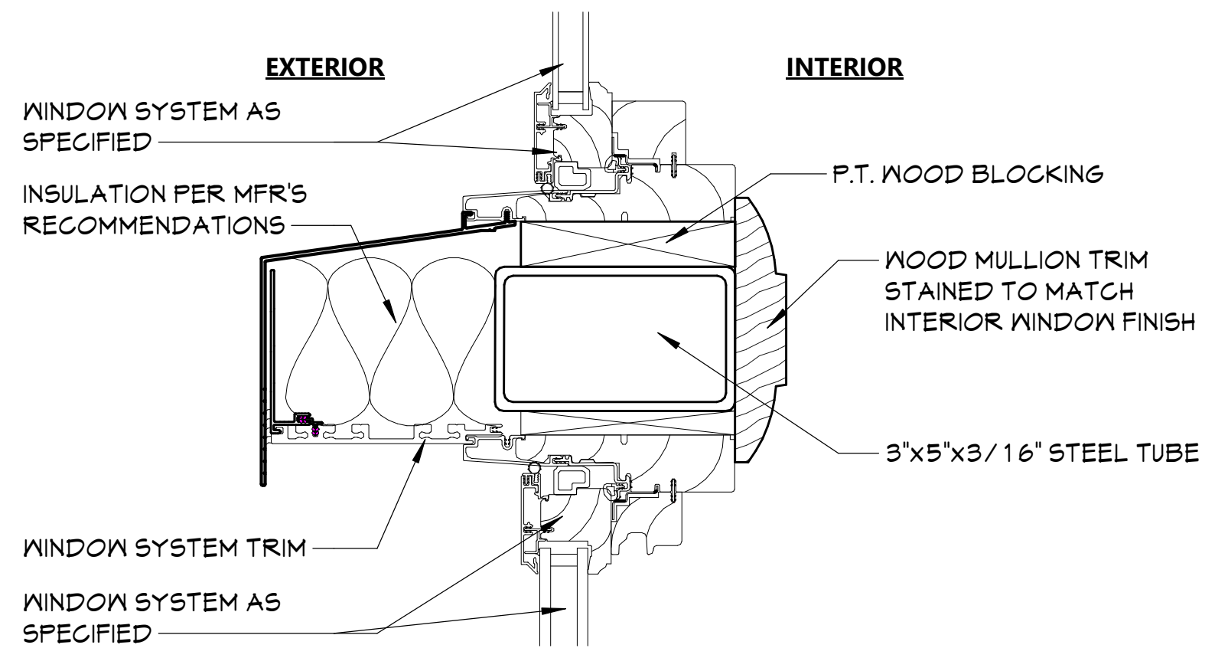
11 FIELD MULLION PLAN DETAIL
A911 Not to Scale


EXST. WALL TO REMAIN
INTERIOR
EXTERIOR
NEW P.T. WOOD BLOCKING
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING EXTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING WOOD BLOCKING TO REMAIN
NEW ALUMINUM JAMB EXTENSION
SHIM AS REQUIRED
NEW WINDOW SHADE SYSTEM
NEW INTERIOR WINDOW WOOD TRIM
NEW WINDOW AND GLAZING AS SPECIFIED

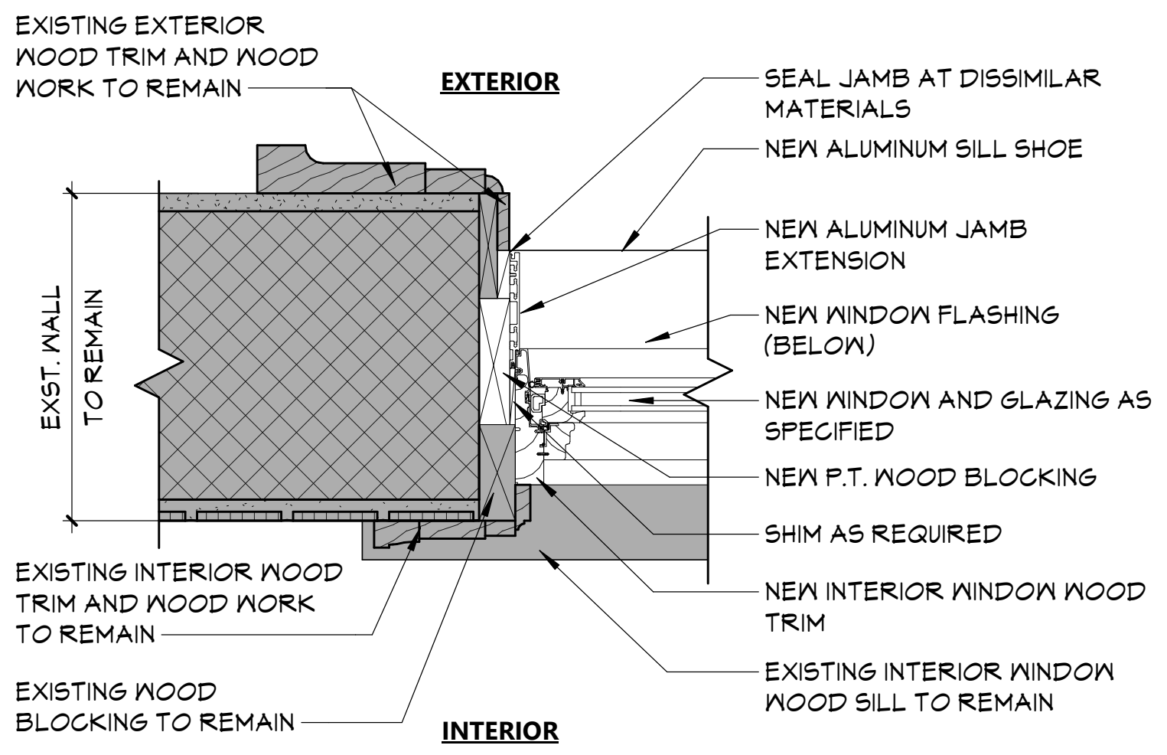
8 NEW HEAD DETAIL - FRONT WINDOW
A911 1 1/2" = 1'-0"


EXST. WALL TO REMAIN
INTERIOR
EXTERIOR
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXISTING BRICK VENEER TO REMAIN
NEW P.T. WOOD BLOCKING
EXISTING WOOD BLOCKING TO REMAIN
SEAL HEAD AT DISSIMILAR MATERIALS
NEW STEAM BENT BRICK MOLDING
SHIM AS REQUIRED
NEW ALUMINUM JAMB EXTENSION
NEW INTERIOR WINDOW WOOD TRIM
NEW WINDOW SHADE SYSTEM
NEW WINDOW AND GLAZING AS SPECIFIED

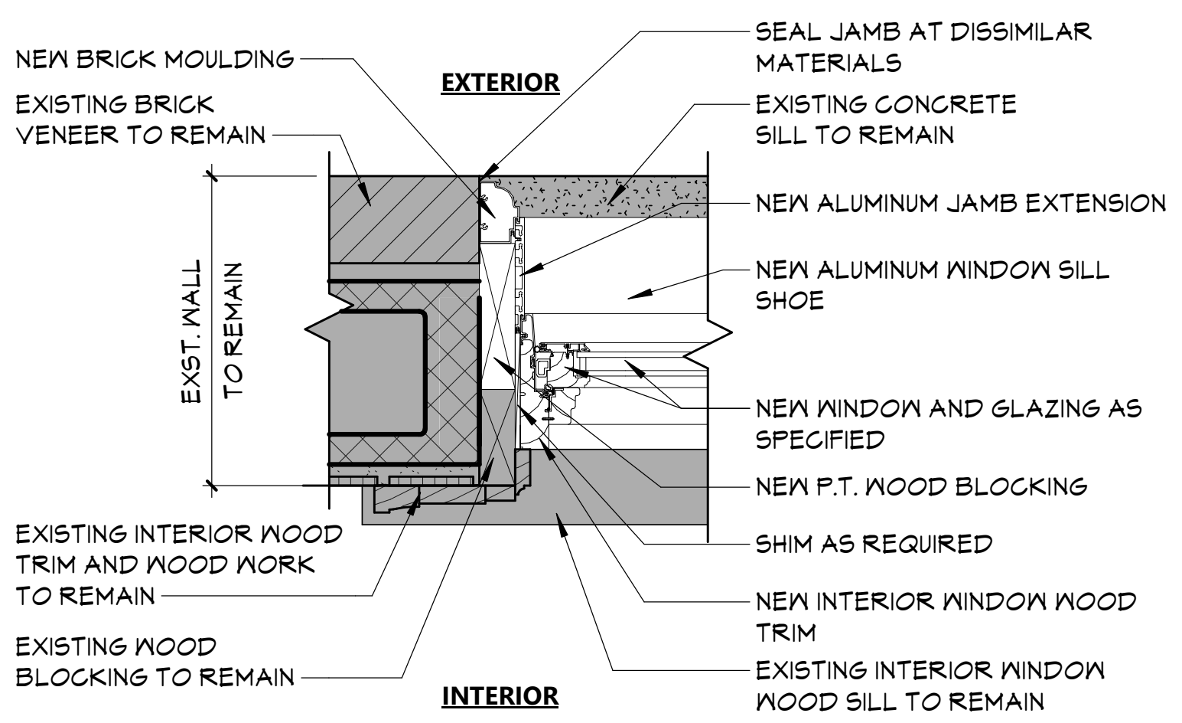
5 NEW HEAD DETAIL - NORTH/SOUTH WINDOWS
A911 1 1/2" = 1'-0"


EXTERIOR
INTERIOR
WINDOW SYSTEM AS SPECIFIED
P.T. WOOD BLOCKING
INSULATION PER MFR'S RECOMMENDATIONS
WOOD MULLION TRIM STAINED TO MATCH INTERIOR WINDOW FINISH
3"x5"x3/16" STEEL TUBE
WINDOW SYSTEM TRIM
WINDOW SYSTEM AS SPECIFIED

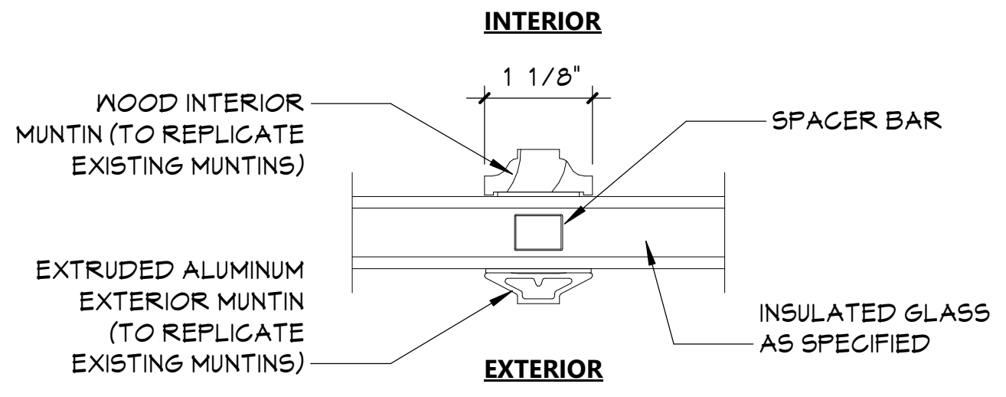
10 FIELD MULLION SECTION DETAIL
A911 Not to Scale


EXISTING EXTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
EXTERIOR
SEAL JAMB AT DISSIMILAR MATERIALS
NEW ALUMINUM SILL SHOE
NEW ALUMINUM JAMB EXTENSION
EXST. WALL TO REMAIN
NEW WINDOW FLASHING (BELOW)
NEW WINDOW AND GLAZING AS SPECIFIED
NEW P.T. WOOD BLOCKING
SHIM AS REQUIRED
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
NEW INTERIOR WINDOW WOOD TRIM
EXISTING WOOD BLOCKING TO REMAIN
EXISTING INTERIOR WINDOW WOOD SILL TO REMAIN
INTERIOR

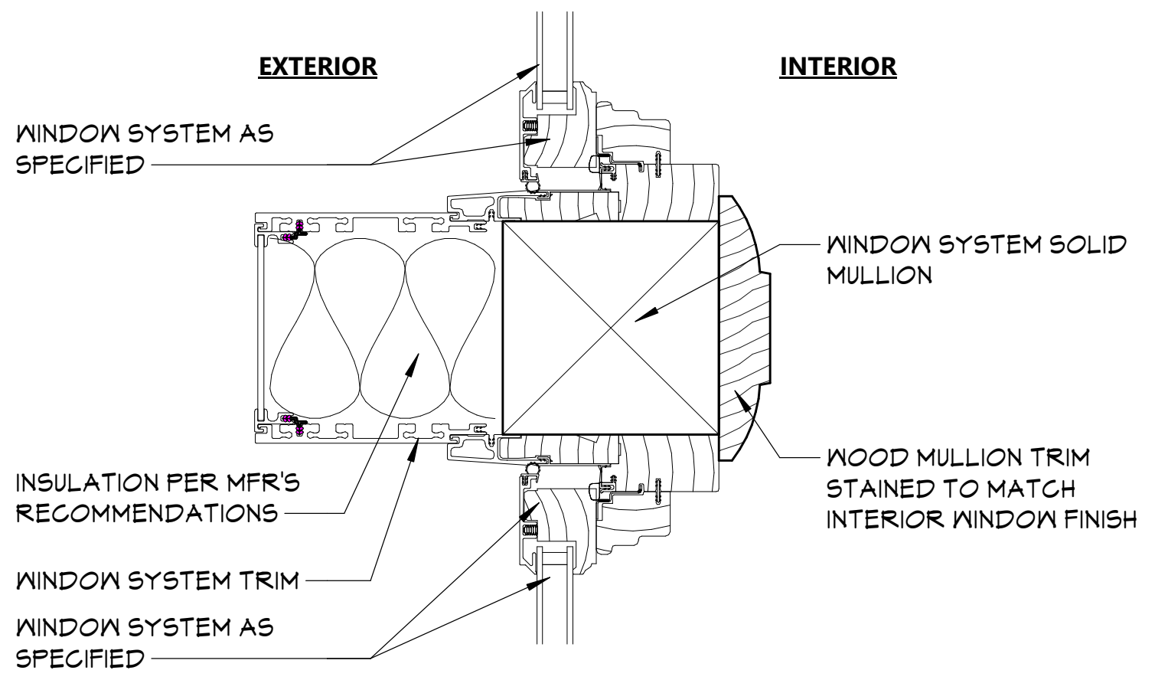
7 NEW JAMB DETAIL - FRONT WINDOW
A911 1 1/2" = 1'-0"


NEW BRICK MOULDING
EXTERIOR
SEAL JAMB AT DISSIMILAR MATERIALS
EXISTING BRICK VENEER TO REMAIN
EXISTING CONCRETE SILL TO REMAIN
NEW ALUMINUM JAMB EXTENSION
EXST. WALL TO REMAIN
NEW ALUMINUM WINDOW SILL SHOE
NEW WINDOW AND GLAZING AS SPECIFIED
NEW P.T. WOOD BLOCKING
SHIM AS REQUIRED
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
NEW INTERIOR WINDOW WOOD TRIM
EXISTING WOOD BLOCKING TO REMAIN
EXISTING INTERIOR WINDOW WOOD SILL TO REMAIN
INTERIOR

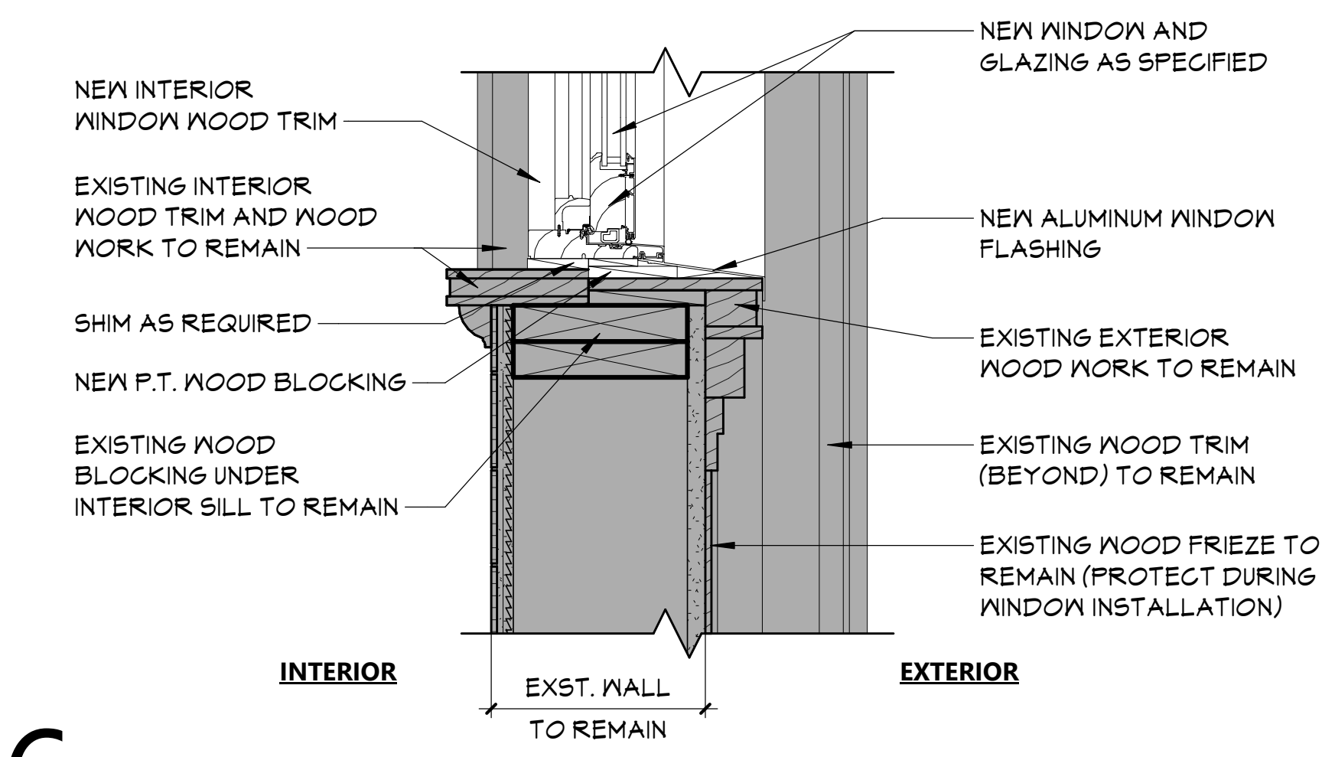
4 NEW JAMB DETAIL - NORTH/SOUTH WINDOWS
A911 1 1/2" = 1'-0"


INTERIOR
1 1/8"
WOOD INTERIOR MUNTIN (TO REPLICATE EXISTING MUNTINS)
SPACER BAR
EXTRUDED ALUMINUM EXTERIOR MUNTIN (TO REPLICATE EXISTING MUNTINS)
INSULATED GLASS AS SPECIFIED
EXTERIOR

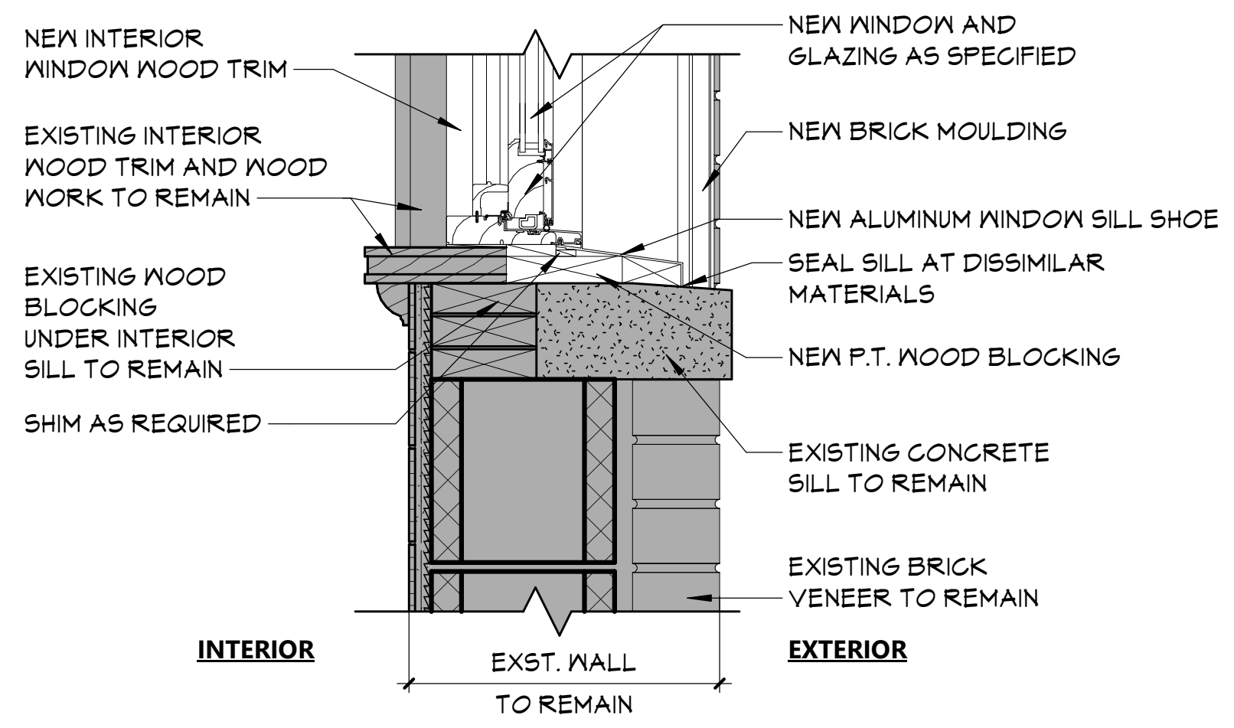
12 MUNTIN DETAIL
A911 Not to Scale


EXTERIOR
INTERIOR
WINDOW SYSTEM AS SPECIFIED
WINDOW SYSTEM SOLID MULLION
INSULATION PER MFR'S RECOMMENDATIONS
WOOD MULLION TRIM STAINED TO MATCH INTERIOR WINDOW FINISH
WINDOW SYSTEM TRIM
WINDOW SYSTEM AS SPECIFIED

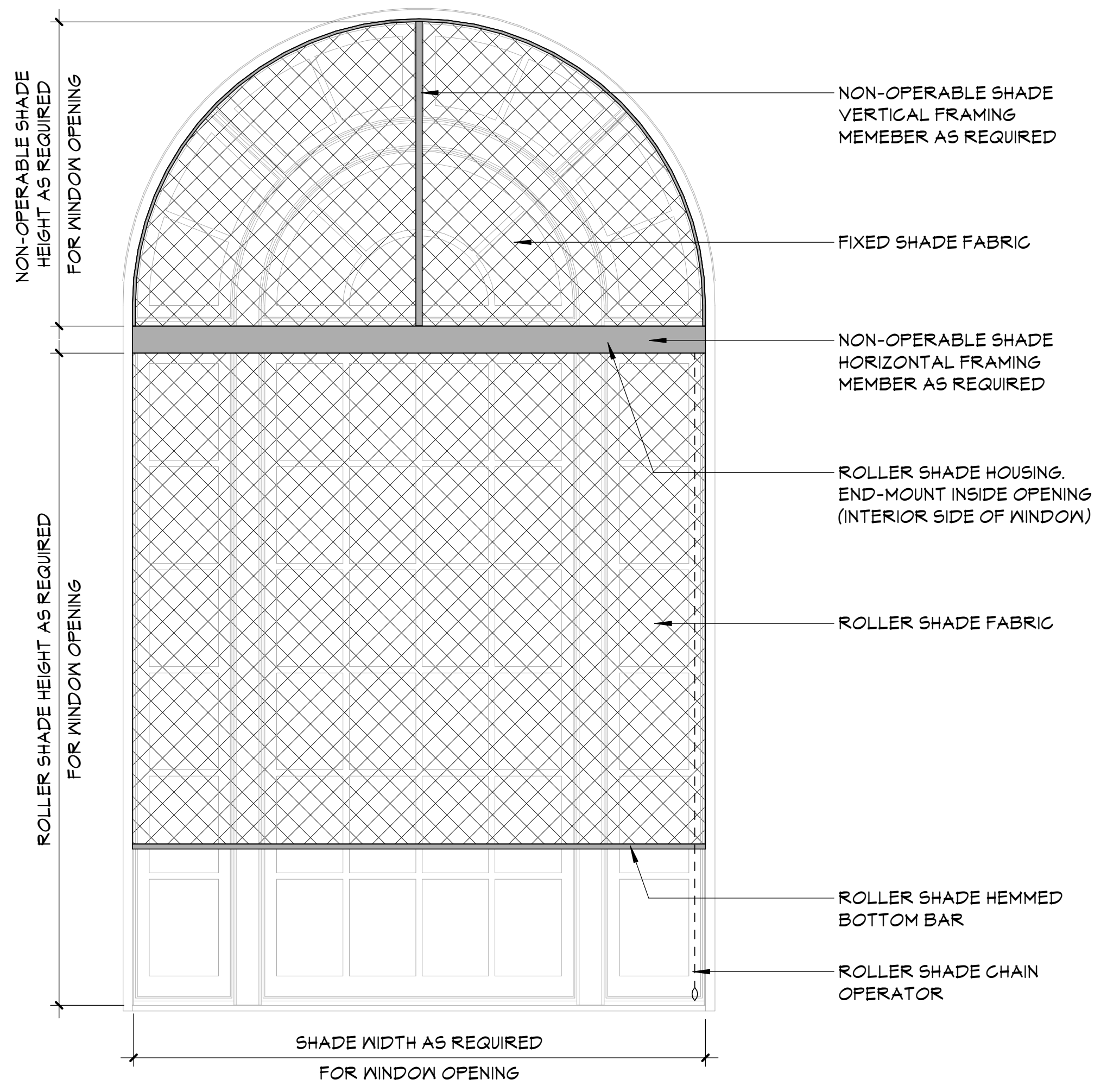
9 FACTORY MULLION SECTION DETAIL
A911 Not to Scale


NEW WINDOW AND GLAZING AS SPECIFIED
NEW INTERIOR WINDOW WOOD TRIM
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
NEW ALUMINUM WINDOW FLASHING
SHIM AS REQUIRED
EXISTING EXTERIOR WOOD WORK TO REMAIN
NEW P.T. WOOD BLOCKING
EXISTING WOOD BLOCKING UNDER INTERIOR SILL TO REMAIN
EXISTING WOOD TRIM (BEYOND) TO REMAIN
EXISTING WOOD FRIEZE TO REMAIN (PROTECT DURING WINDOW INSTALLATION)
INTERIOR
EXST. WALL TO REMAIN
EXTERIOR

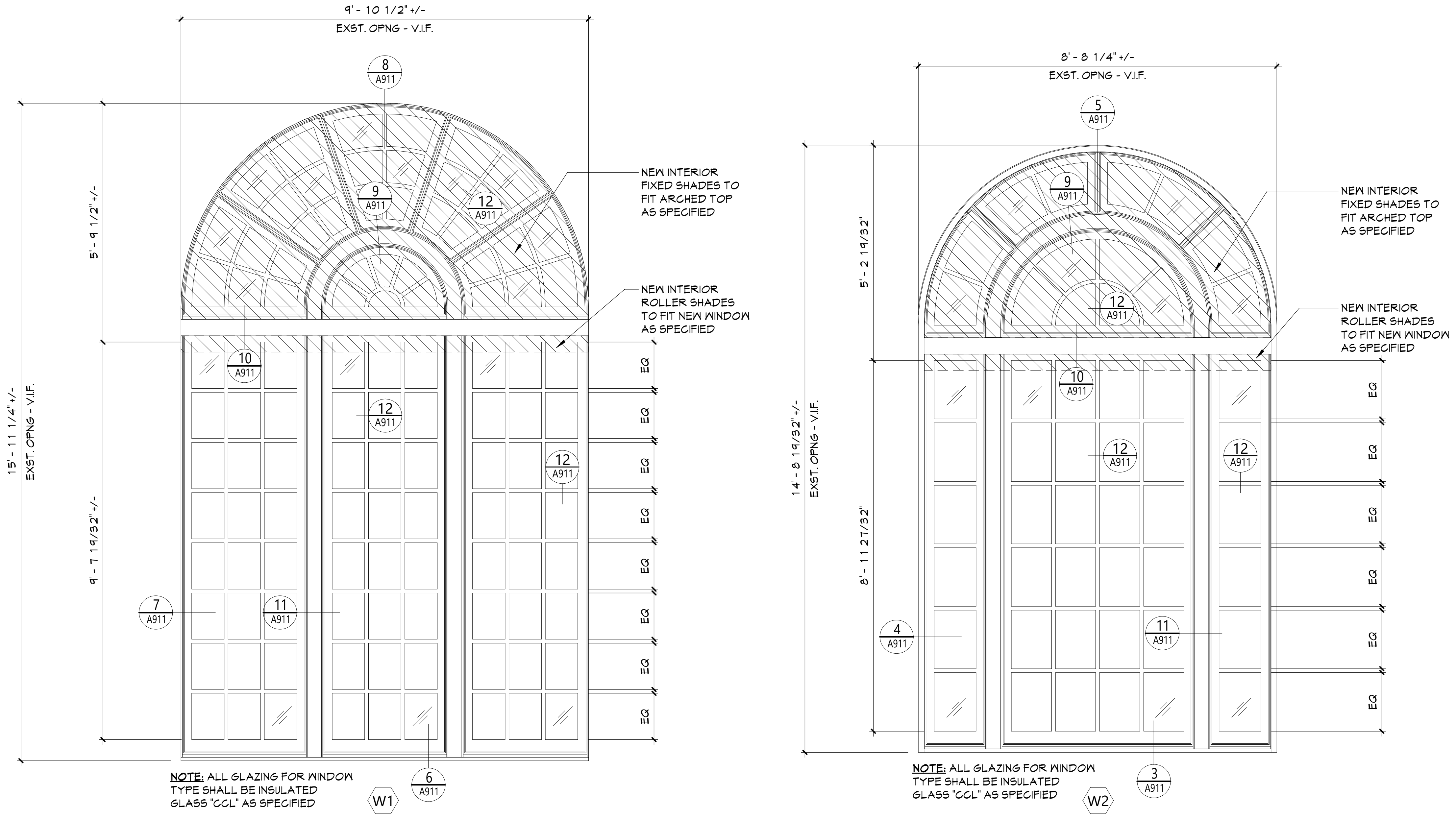
6 NEW SILL DETAIL - FRONT WINDOW
A911 1 1/2" = 1'-0"


NEW WINDOW AND GLAZING AS SPECIFIED
NEW INTERIOR WINDOW WOOD TRIM
NEW BRICK MOULDING
EXISTING INTERIOR WOOD TRIM AND WOOD WORK TO REMAIN
NEW ALUMINUM WINDOW SILL SHOE
SEAL SILL AT DISSIMILAR MATERIALS
EXISTING WOOD BLOCKING UNDER INTERIOR SILL TO REMAIN
NEW P.T. WOOD BLOCKING
SHIM AS REQUIRED
EXISTING CONCRETE SILL TO REMAIN
EXISTING BRICK VENEER TO REMAIN
INTERIOR
EXST. WALL TO REMAIN
EXTERIOR

3 NEW SILL DETAIL - NORTH/SOUTH WINDOWS
A911 1 1/2" = 1'-0"


NON-OPERABLE SHADE HEIGHT AS REQUIRED FOR WINDOW OPENING
NON-OPERABLE SHADE VERTICAL FRAMING MEMEBER AS REQUIRED
FIXED SHADE FABRIC
NON-OPERABLE SHADE HORIZONTAL FRAMING MEMBER AS REQUIRED
ROLLER SHADE HOUSING. END-MOUNT INSIDE OPENING (INTERIOR SIDE OF WINDOW)
ROLLER SHADE HEIGHT AS REQUIRED FOR WINDOW OPENING
ROLLER SHADE FABRIC
ROLLER SHADE HEMMED BOTTOM BAR
ROLLER SHADE CHAIN OPERATOR
SHADE WIDTH AS REQUIRED FOR WINDOW OPENING

2 WINDOW SHADES (TYP, ALL WINDOW TYPES)
A911 1/2" = 1'-0"



NOTE: ALL GLAZING FOR WINDOW TYPE SHALL BE INSULATED GLASS "CCL" AS SPECIFIED

NOTE: ALL GLAZING FOR WINDOW TYPE SHALL BE INSULATED GLASS "CCL" AS SPECIFIED

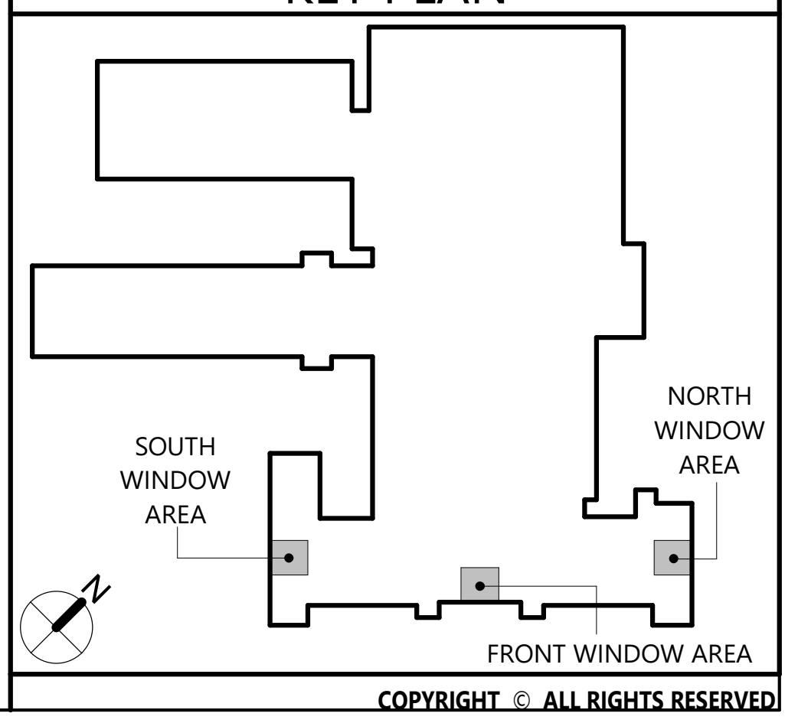
1 WINDOW TYPES
A911 1/2" = 1'-0"

FINISHES:
- ALL WOOD EXPOSED TO THE ELEMENTS SHALL BE PRESSURE TREATED PINE. EXPOSED WOOD TO BE PRIMED, PAINTED, AND SEALED
- ALL WOOD ON INTERIOR SIDE OF WINDOW SHALL BE UNTREATED PINE. INTERIOR WOOD TO BE STAINED AND SEALED.

GLAZING TYPES

CCL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SP	SPANDREL GLASS
SG	SECURITY GLAZING - LOW-E COATED, INSULATED GLASS (CCL) WITH SPECIFIED SECURITY FILM

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	CM
Checked By:	DM
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

WOOD
WINDOW
ELEVATIONS &
DETAILS

Sheet No.

WMS
A911

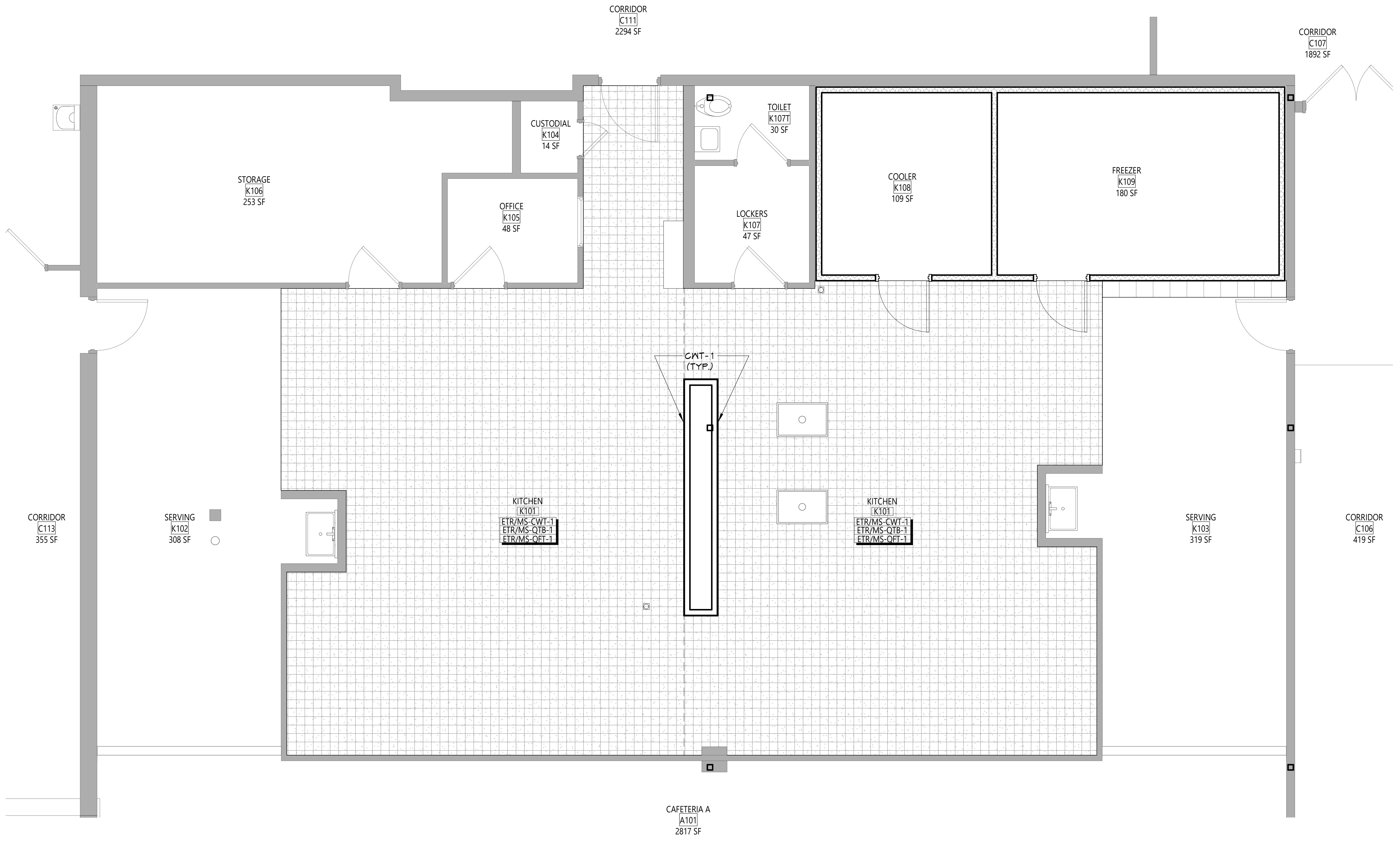
CONSTRUCTION DOCUMENTS

MATERIALS LEGEND

MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	Material: URL	NOTE
CERAMIC WALL TILE					
MS-CWT-1	AMERICAN OLEAN	COLOR STORY WALL	MATTE DESIGNER WHITE 0061 (OR CLOSER MATCH)	4" X 4"	PATCH
PAINT					
MS-PNT-1	SHERWIN WILLIAMS	EGGSHELL	MATCH EXISTING	-	TYP. WALL PAINT
MS-PNT-2	SHERWIN WILLIAMS	SEMI-GLOSS	MATCH EXISTING	-	HM DOOR FRAME
MS-PNT-3	SHERWIN WILLIAMS	FLAT	MATCH EXISTING	-	GYP. CEILING
QUARRY FLOOR TILE					
MS-QFT-1	AMERICAN OLEAN	QUARRY TEXTURES	SHADOW GRAY N46	6" X 6"	KITCHEN
QUARRY TILE BASE					
MS-QTB-1	AMERICAN OLEAN	QUARRY TEXTURES	SHADOW GRAY N46	6" X 6"	KITCHEN
VINYL COMPOSITION TILE					
MS-VCT-1	ARMSTRONG FLOORING	STANDARD EXCELON IMPERIAL TILE	51882 SERENE BLUE	12" X 12"	KITCHEN PATCH

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	Room Style	FLOOR		Wall Finish	Accent_Wall	CEILING	Comments
			FINISH	BASE				
K101	KITCHEN	KITCHEN	ETR/MS-QFT-1	ETR/MS-QTB-1	ETR/MS-CWT-1			



1 KITCHEN FINISH PLAN
AF601 1/4" = 1'-0"

DISCLAIMER NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.

ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
MSS	MUSIC STORAGE SYSTEM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
QFT	QUARRY FLOOR TILE
QTB	QUARRY TILE BASE
SCONC	SEALED CONCRETE
SS	STAINLESS STEEL
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.
3. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
4. ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS IN NEWLY RENOVATED AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
5. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING IN NEWLY RENOVATION AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
6. ALL STEEL COLUMNS IN NEWLY RENOVATED AREAS OF WORK ARE TO BE PAINTED.
7. ALL EXPOSED CMU LOCATIONS TO RECEIVE GRAFFITI COATING, TYPICAL FOR EXTERIOR LOCATIONS.

FINISH KEYS

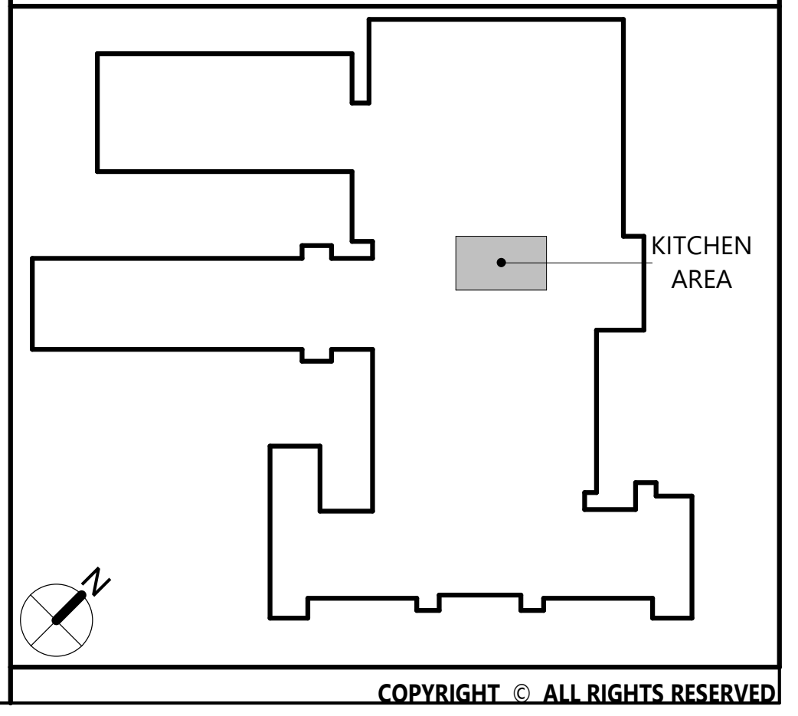
Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

▦ = QFT-1

▦ = VCT-1

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

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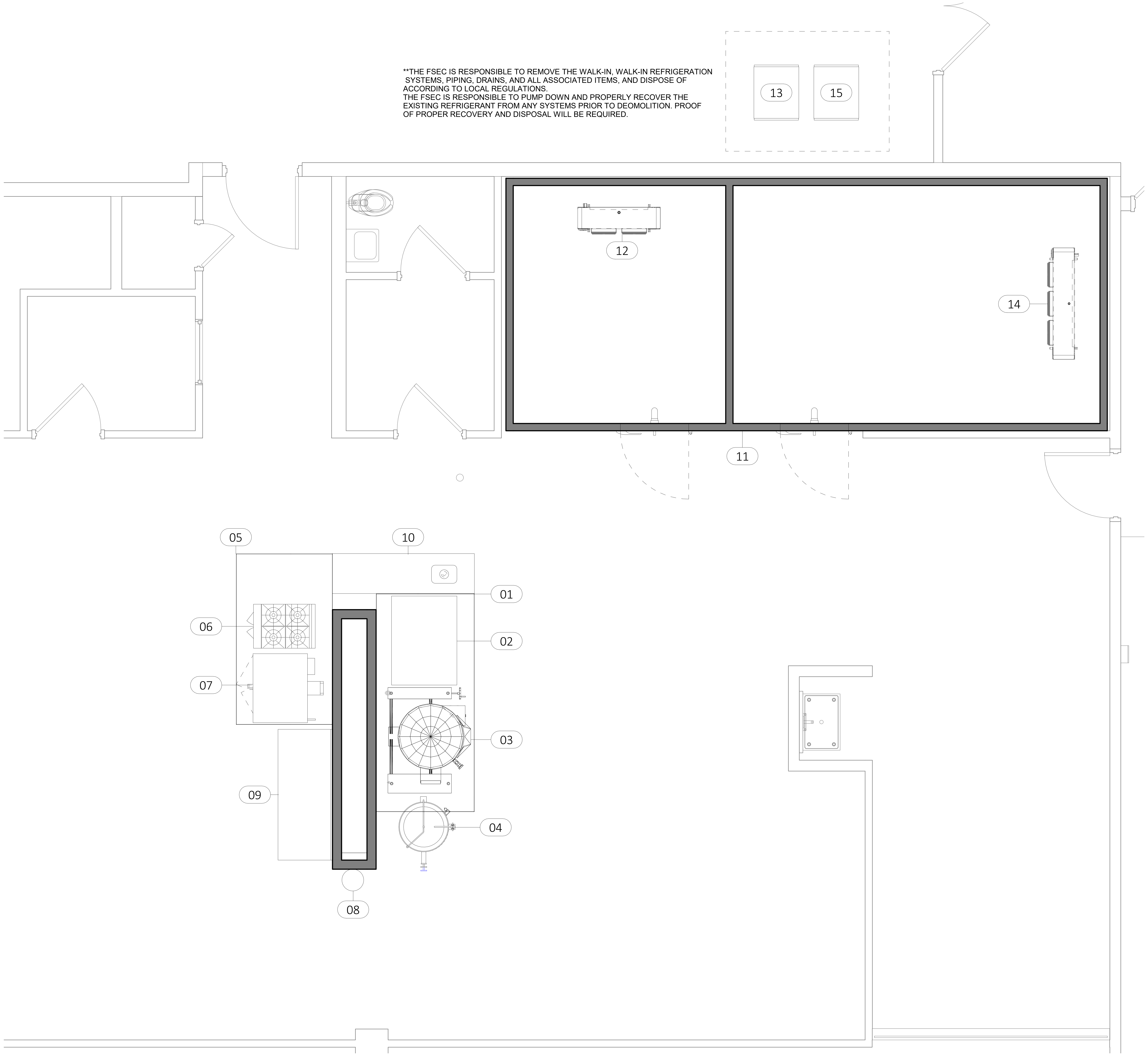
Checked By:	Checker
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
KITCHEN FINISH PLAN

Sheet No.
WMS
AF601

CONSTRUCTION DOCUMENTS

**THE FSEC IS RESPONSIBLE TO REMOVE THE WALK-IN, WALK-IN REFRIGERATION SYSTEMS, PIPING, DRAINS, AND ALL ASSOCIATED ITEMS, AND DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
THE FSEC IS RESPONSIBLE TO PUMP DOWN AND PROPERLY RECOVER THE EXISTING REFRIGERANT FROM ANY SYSTEMS PRIOR TO DEOMOLITION. PROOF OF PROPER RECOVERY AND DISPOSAL WILL BE REQUIRED.



(1) EXISTING FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EXISTING EQUIPMENT...

NO.	QTY.	CATEGORY	REMARKS
01	1	EXHAUST HOOD	REMOVE
02	1	COMBI OVEN	REMOVE
03	1	60 GALLON KETTLE	RELOCATE
04	1	40 GALLON KETTLE	REMOVE
05	1	EXHAUST HOOD	REMOVE
06	1	RANGE	SALVAGE
07	1	CONVECTION OVEN	REMOVE
08	1	FIRE SUPPRESSION SYSTEM	REMOVE
09	1	WORK TABLE	SALVAGE
10	1	PREP TABLE	SALVAGE
11	1	WALK-IN COOLER/FREEZER	REMOVE
12	1	WALK-IN COOLER EVAPORATOR	REMOVE
13	1	WALK-IN COOLER CONDENSING UNIT	REMOVE
14	1	WALK-IN FREEZER EVAPORATOR	REMOVE
15	1	WALK-IN FREEZER CONDENSING UNIT	REMOVE

RELOCATE,SALVAGE OR REMOVE ALL EXISTING FOODSERVICE EQUIPMENT

"RELOCATE" = RELOCATE EQUIPMENT PER THE PLANS AND SPECIFICATIONS

"SALVAGE" = TURN OVER THE EQUIPMENT TO THE OWNER AND DELIVER TO DESIGNATED LOCATION

"REMOVE" = REMOVE AND DISPOSE OF THE EQUIPMENT

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL

#	DATE	DESCRIPTION

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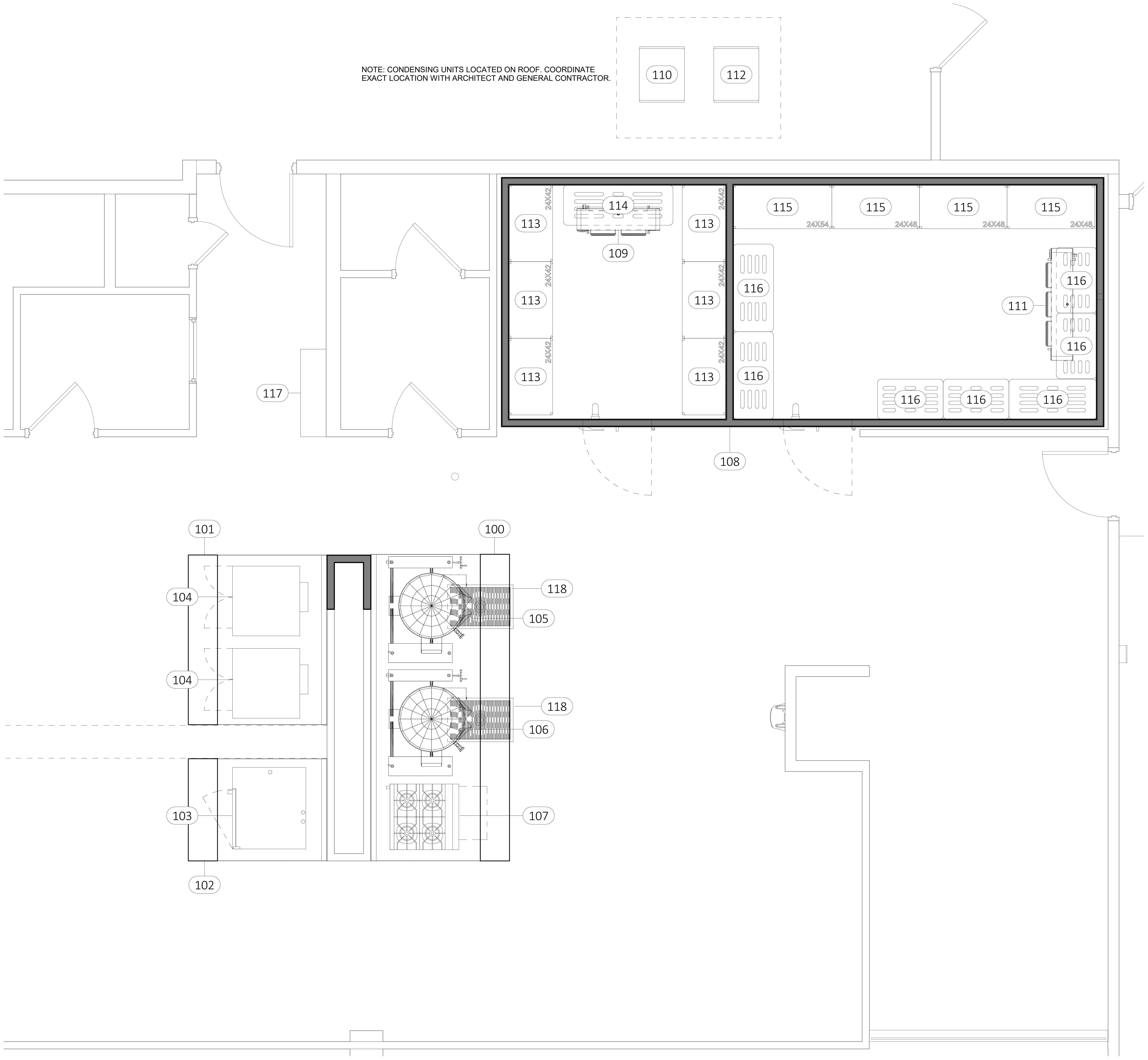
Sheet Title
FOOD SERVICE
EXISTING
EQUIPMENT
PLAN

Sheet No.
WMS
FS200

CONSTRUCTION DOCUMENTS



NOTE: CONDENSING UNITS LOCATED ON ROOF. COORDINATE EXACT LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.

1 FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

	QTY.	CATEGORY	REMARKS
100	1	EXHAUST HOOD	NEW
101	1	EXHAUST HOOD	NEW
102	1	EXHAUST HOOD	NEW
103	1	COMBINATION OVEN	NEW
104	2	CONVECTION OVEN	NEW
105	1	60 GALLON KETTLE	NEW
106	1	60 GALLON KETTLE	RELOCATE
107	1	RANGE	NEW
108	2	WALK-IN COOLER/FREEZER	NEW
109	1	WALK-IN COOLER EVAPORATOR	NEW
110	1	WALK-IN COOLER CONDENSING UNIT	NEW
111	1	WALK-IN FREEZER EVAPORATOR	NEW
112	1	WALK-IN FREEZER CONDENSING UNIT	NEW
113	6	WALK-N COOLER SHELVING	NEW
114	1	WALK-IN COOLER DUNNAGE RACK	NEW
115	4	WALK-IN FREEZER SHELVING	NEW
116	7	WALK-IN FREEZER DUNNAGE RACK	NEW
117	1	FIRE SUPPRESSION SYSTEM	NEW
118	2	FLOOR TROUGH	NEW

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WASHINGTONVILLE MIDDLE SCHOOL

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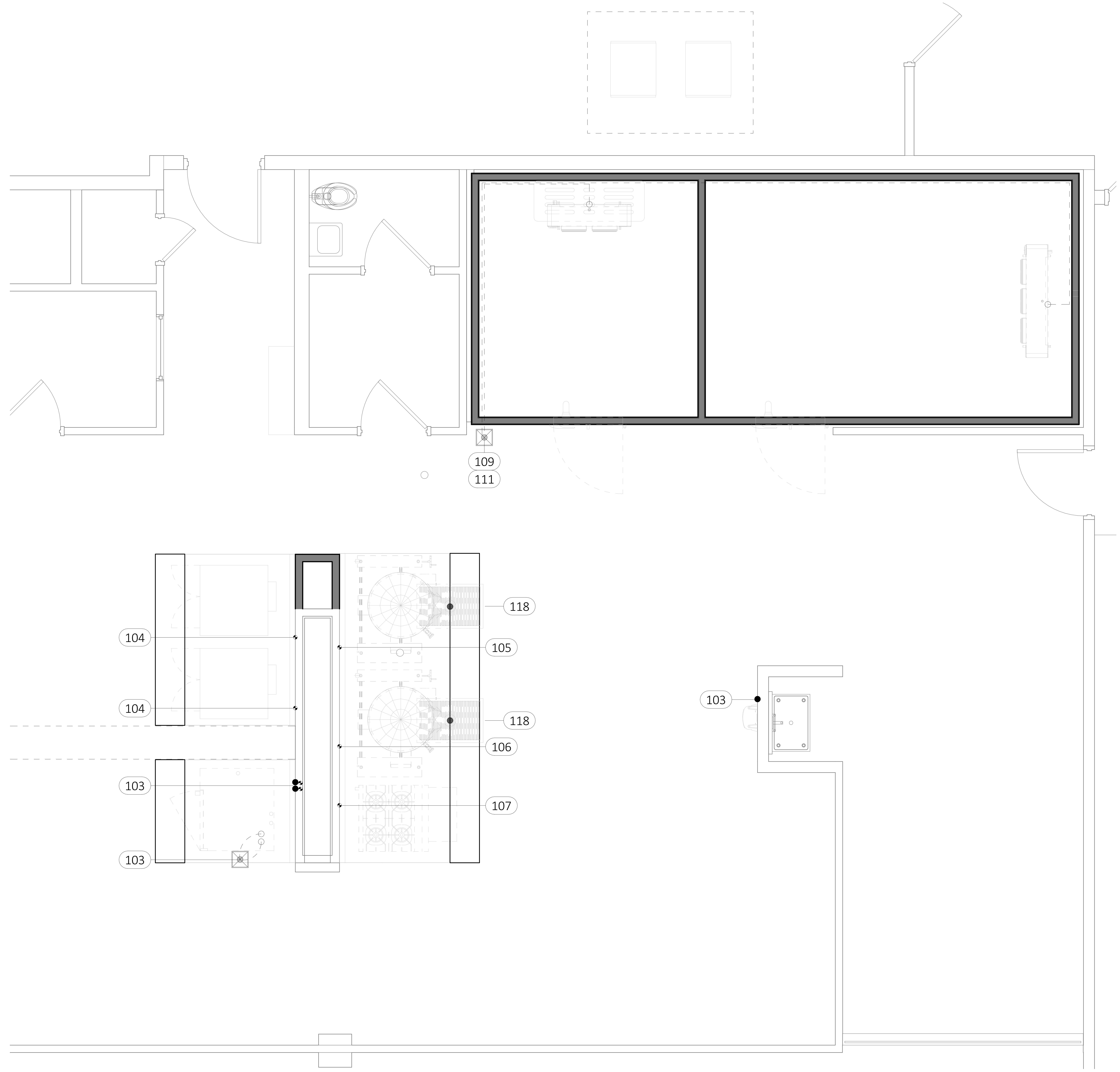
Sheet Title
FOOD SERVICE
EQUIPMENT
PLAN

Sheet No.
WMS
FS201

CONSTRUCTION DOCUMENTS



1 FOOD SERVICE PLUMBING PLAN
1/2" = 1'-0"

PLUMBING LEGEND

ABBR.	DESCRIPTION	SYMBOL
CW	COLD WATER	●
HW	HOT WATER	○
W	DIRECT WASTE	●
IW	INDIRECT WASTE	○
FD	FLOOR DRAIN	⊗
FS	FLOOR SINK	⊠
	GAS CONNECTION LP/NG	◑
ACH	ABOVE COUNTER HEIGHT	
AFF	ABOVE FINISHED FLOOR	
BFF	BELOW FINISHED FLOOR	
MBTUH	THOUSAND BTU PER HOUR	

GENERAL PLUMBING NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOWN ARE RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. GENERAL WATER PRESSURE IN KITCHEN AREA NOT TO EXCEED 50 PSI.
3. P.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
4. F.S.E.C. TO SUPPLY AND INSTALL ALL FIXTURES AND FAUCETS AS SPECIFIED IN EQUIPMENT SPECIFICATIONS. PLUMBING CONTRACTOR SHALL CONNECT ALL PLUMBING COMPONENTS TO MAKE FINAL CONNECTIONS.
5. FAUCETS, WATER FILTERS, GATE VALVES, WATER HAMMER ARRESTORS, BACK FLOW PREVENTORS, PRESSURE REDUCING VALVES, AND ANY OTHER SPECIFIED PLUMBING COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE PLUMBING CONTRACTOR.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS SHUT OFF VALVES AS REQUIRED AT POINT OF CONNECTION WITH EQUIPMENT.
8. GENERAL GAS PRESSURE IN KITCHEN TO BE VERIFIED BY THE PLUMBING CONTRACTOR. VERIFY PRESSURE WITH F.S.E.C. TO RELATED EQUIPMENT.
9. PLUMBING CONTRACTOR IS REQUIRED TO MOUNT AND INSTALL ALL GAS REGULATORS, GAS PRESSURE REDUCING VALVES, AND GAS HOSES SUPPLIED BY THE F.S.E.C. UNLESS OTHERWISE NOTED.
10. PLUMBING CONTRACTOR TO VERIFY THAT ALL FLOOR SINKS, FLOOR DRAINS, AND WASTES CONFORM TO LOCAL CODES.
11. DIRECT ALL INDIRECT WASTE TO FLOOR SINKS OR DRAINS AS REQUIRED BY LOCAL CODES.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST SYSTEMS FOR PROPER OPERATION.
13. F.S.E.C. TO PROVIDE AND INSTALL DRAIN LINES FROM EVAPORATOR TO FLOOR DRAIN PROVIDED BY PLUMBING CONTRACTOR.
14. PLUMBING CONTRACTOR TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM PROVIDED BY F.S.E.C.

*REFER TO ARCHITECT'S PLUMBING DRAWINGS FOR ADDITIONAL BUILDING PLUMBING REQUIREMENTS.

FOOD SERVICE PLUMBING SCHEDULE

NO.	QTY.	CATEGORY	HW SIZE	CW SIZE	WATER AFF	DW SIZE	DW AFF	IW SIZE	GAS SIZE	BTU/H	GAS AFF	REMARKS
103	1	COMBINATION OVEN		3/4"	48"			2"	1/2"	136,400		CW TO RO SYSTEM THEN COMBI OVEN. (2) UNFILTERED WATER CONNECTIONS BEHIND COMBI OVEN. (2) INDIRECT WASTE TO FLOOR SINK. (2) GAS CONNECTIONS REQUIRED @ 68,200 BTU EACH
104	2	CONVECTION OVEN							3/4"	90,000	24"	
105	1	60 GALLON KETTLE							3/4"	100,000	24"	
106	1	60 GALLON KETTLE										VERIFY PLUMBING REQUIREMENTS
107	1	RANGE							1 1/4"	190,000	24"	
109	1	WALK-IN COOLER EVAPORATOR						3/4"				INDIRECT WASTE TO FLOOR SINK
111	1	WALK-IN FREEZER EVAPORATOR						3/4"				INDIRECT WASTE TO FLOOR SINK
118	2	FLOOR TROUGH						4"				

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

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WASHINGTONVILLE MIDDLE SCHOOL

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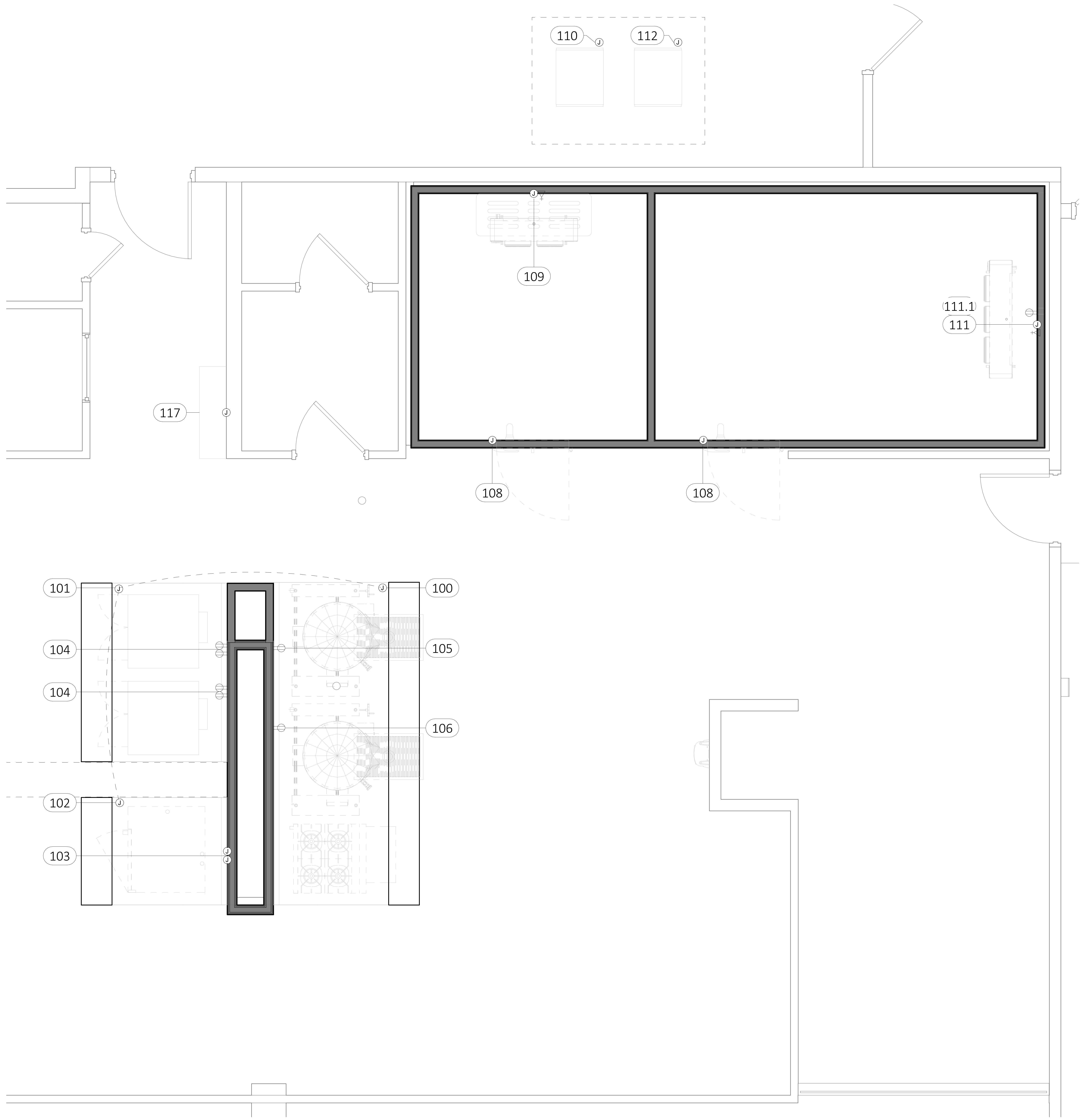
Sheet Title
FOOD SERVICE
PLUMBING
PLAN

Sheet No.
WMS
FS202

CONSTRUCTION DOCUMENTS



1 FOOD SERVICE ELECTRICAL PLAN
1/2" = 1'-0"

ELECTRICAL LEGEND

ABBR.	DESCRIPTION	SYMBOL
DIRECT	ELECTRICAL CONNECTION	⊜
DR	DUPLEX RECEPTACLE	Φ
SR1	SINGLE RECEPTACLE (120V)	ϕ
SR2	SINGLE RECEPTACLE (208V)	⊛
	FIRE SUPPRESSION PULL BOX	⬡
JB	JUNCTION BOX	Ⓙ
SW	SWITCH	S
E	UDS ELECTRICAL	⊘
FS	UDS FIRE FUEL SHUT-OFF	○
F	HOOD FAN CONTROL	⊗
L	HOOD LIGHT CONTROL	⊘
POS	CAT5 DATA CABLE	▽
V	VOLTAGE	
PH	PHASE	
KW	KILOWATTS	
HP	HORSEPOWER	
A	AMPERE	
AFF	ABOVE FINISHED FLOOR	
DFA	DOWN FROM ABOVE	

GENERAL ELECTRICAL NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOW RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. E.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
3. F.S.E.C. TO BRANCH CONNECTIONS AS REQUIRED.
4. F.S.E.C. TO SUPPLY ALL FIXTURES AND COMPONENTS SPECIFIED IN EQUIPMENT SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT ALL ELECTRICAL COMPONENTS TO MAKE FINAL CONNECTIONS UNLESS OTHERWISE NOTED.
5. SWITCHES, STARTERS, LOCK-OUT DEVICES, DISCONNECTS, AND ANY OTHER REQUIRED ELECTRICAL COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL MEET ALL O.S.H.A. AND CODE REQUIREMENTS.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. ALL MAIN BREAKER PANELS, DISCONNECT SWITCHES, RECEPTACLES, AND RECEPTACLE COVER PLATES ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR IS TO PROVIDE AND PERFORM WIRING BETWEEN THE FIRE SUPPRESSION SYSTEM, MICRO-SWITCHES, COOKING EQUIPMENT, AND BUILDING'S FIRE ALARM SYSTEM. SHUNT TRIP CIRCUITRY WILL BE REQUIRED TO SHUT DOWN COOK LINE IF AN EMERGENCY.
9. F.S.E.C. IS TO PROVIDE AND INSTALL ALL DRAIN LINE HEATER CABLE ON WALK-IN FREEZER DRAIN LINES.
10. F.S.E.C. IS RESPONSIBLE TO INSTALL AND MAKE ELECTRICAL CONNECTIONS FOR ANY ADDITIONAL LIGHTING, TIME CLOCKS, OR OTHER ELECTRICAL ACCESSORIES SPECIFIED FOR THE WALK-IN UNITS.
11. F.S.E.C. TO PROVIDE ELECTRICAL SERVICE FOR THE WALK-IN DOOR HEATERS, LIGHTS, EVAPORATORS AND CONDENSERS, AND PROVIDE ELECTRICAL DISCONNECTS AT CONDENSERS.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL, CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST FOR PROPER OPERATION.
13. VERIFY FINAL EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION. REVISIONS TO EQUIPMENT MAY AFFECT THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK OR MATERIAL REQUIREMENTS.

*REFER TO ARCHITECT'S ELECTRICAL DRAWINGS FOR ADDITIONAL BUILDING ELECTRICAL REQUIREMENTS.

FOOD SERVICE ELECTRICAL SCHEDULE

NO.	QTY.	CATEGORY	VOLTS	PH	AMPS	HP	CONNECTION	AFF	REMARKS
100	1	EXHAUST HOOD	120	1	10.0 A		DIRECT	108"	SEE SHOP DRAWINGS
101	1	EXHAUST HOOD	120	1	10.0 A		DIRECT	*	INTERCONNECT WITH ITEM 1, SEE SHOP DRAWINGS
102	1	EXHAUST HOOD	120	1	10.0 A		DIRECT	*	INTERCONNECT WITH ITEM 2, SEE SHOP DRAWINGS
103	1	COMBINATION OVEN	120	1	15.0 A		DIRECT	48"	(2) CONNECTIONS REQUIRED @ 7.5A EACH
104	2	CONVECTION OVEN	120	1	16.0 A		NEMA 5-15P	48"	(2) CONNECTIONS REQUIRED @ 8.A EACH
105	1	60 GALLON KETTLE	120	1	5.0 A		NEMA 5-15P	18"	
106	1	60 GALLON KETTLE	120	1	5.0 A				VERIFY ELECTRICAL REQUIREMENTS
108	2	WALK-IN COOLER/FREEZER	120	1	10.0 A		DIRECT	108"	SEE SHOP DRAWINGS
109	1	WALK-IN COOLER EVAPORATOR	120	1	1.8 A		DIRECT	108"	DATA CONNECTION REQUIRED. SEE SHOP DRAWINGS
110	1	WALK-IN COOLER CONDENSING UNIT	208	3	5.2 A	-	DIRECT	4"	SEE SHOP DRAWINGS
111	1	WALK-IN FREEZER EVAPORATOR	208	1	15.2 A		DIRECT	108"	DATA CONNECTION REQUIRED. SEE SHOP DRAWINGS
111.1	1	HEAT TRACE	120	1	10.0 A		NEMA 5-15P	84"	BY EC
112	1	WALK-IN FREEZER CONDENSING UNIT	208	3	19.1 A	-	DIRECT	4"	SEE SHOP DRAWINGS
117	1	FIRE SUPPRESSION SYSTEM	120	1	10.0 A		DIRECT	108"	SEE SHOP DRAWINGS

VERIFICATION NOTE

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3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL

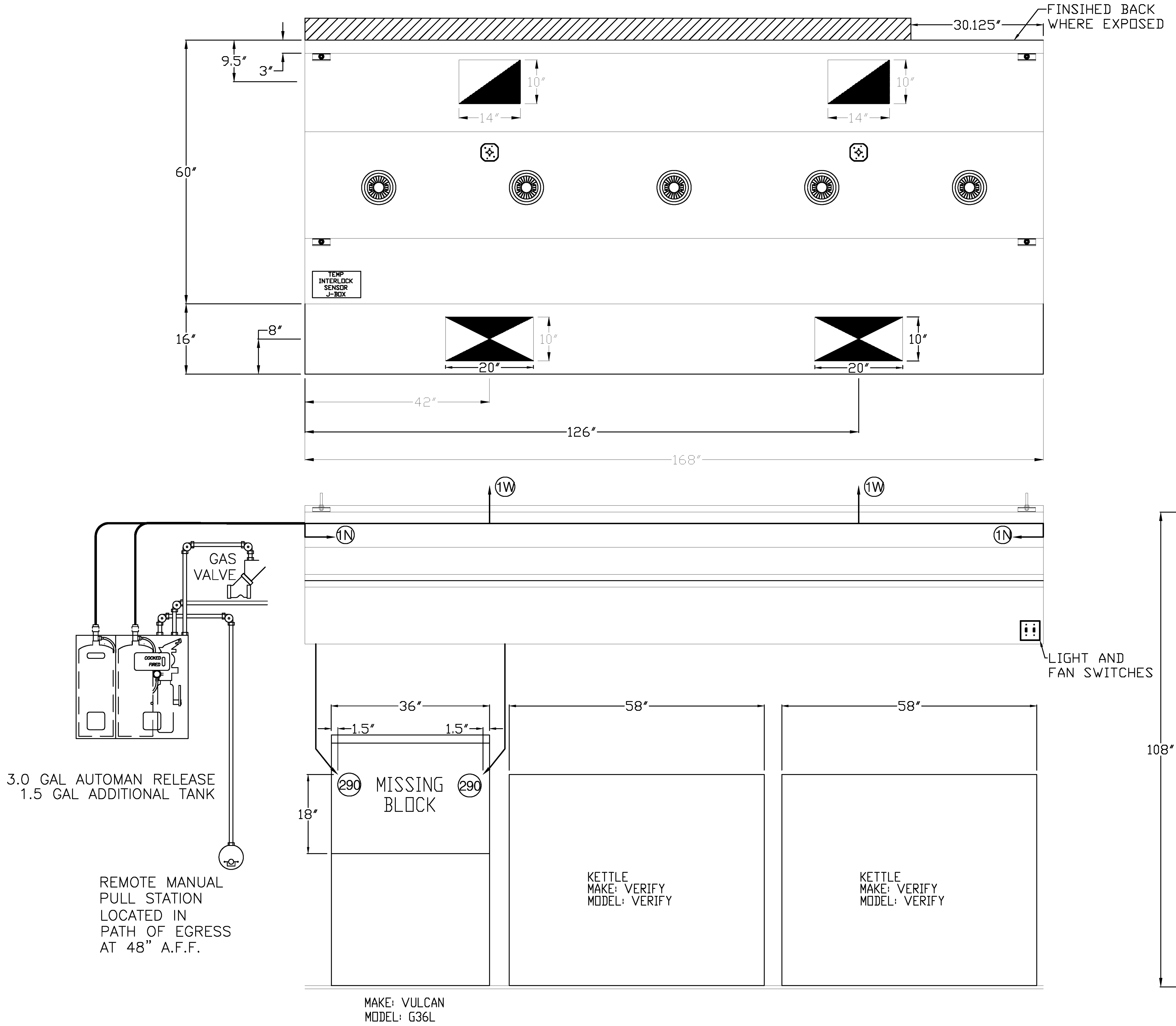
#	DATE	DESCRIPTION

Drawn By: PT
Checked By: JW
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12.12.25

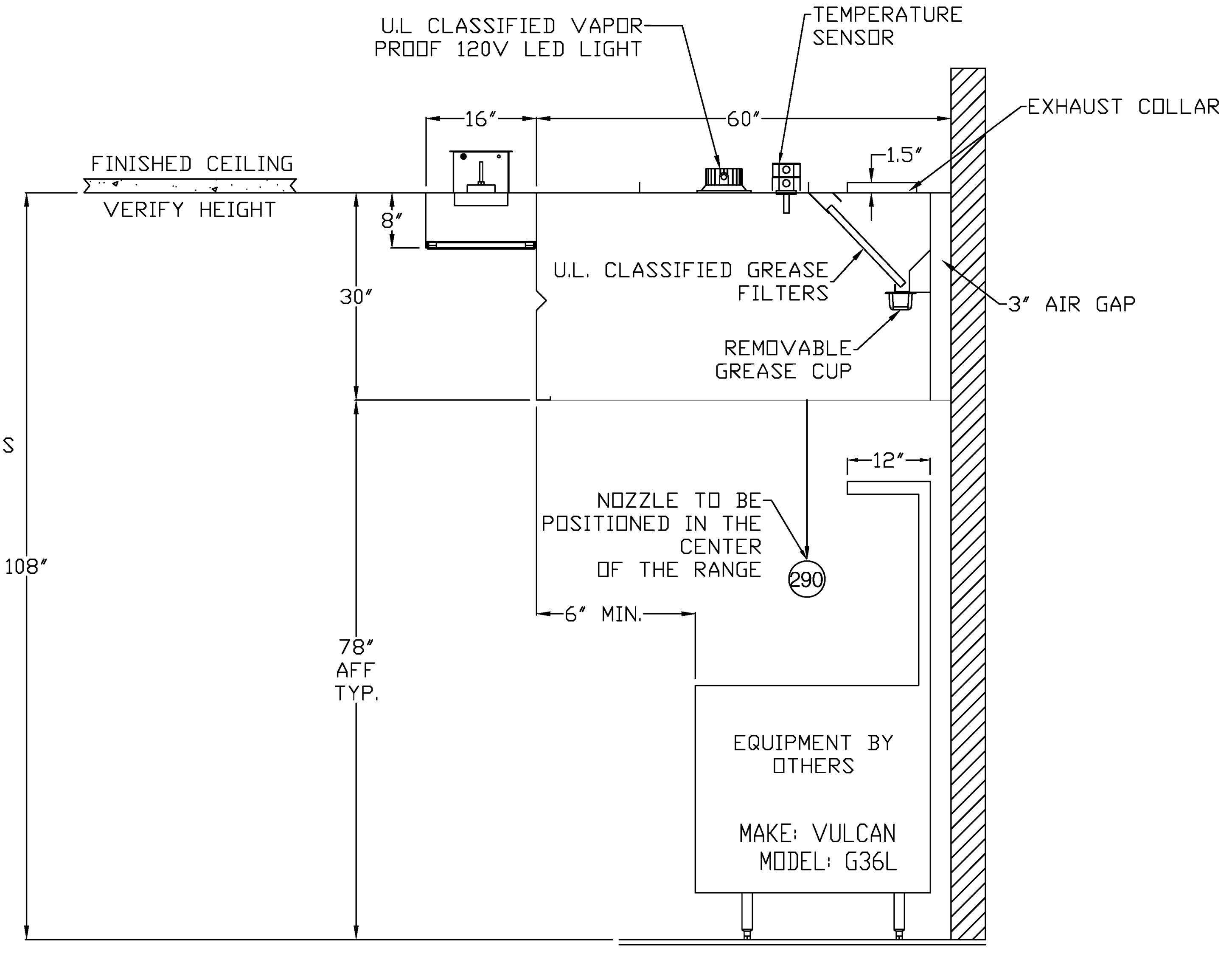
Sheet Title
FOOD SERVICE ELECTRICAL PLAN

Sheet No.
WMS FS203

CONSTRUCTION DOCUMENTS



HOOD #1 - VDD-P



EXHAUST SCHEDULE

HOOD ITEM NUMBER	APPROX. WEIGHT IN LBS	HOOD WIDTH	HOOD DEPTH	HOOD HEIGHT	TOTAL EXHAUST VOLUME	EXHAUST RATE PER LIN./FT	COLLARS			EXH. COLLAR VELOCITY	S.P. - WC AT COLLAR	COLLAR QTY.
							F-B	L-R	CFM PER COLLAR			
1	875	168	60	30	3500	250	10	14	1750	1800	0.75	2

MUA SCHEDULE

MUA ITEM NUMBER	APPROX. WEIGHT IN LBS	MUA WIDTH	MUA DEPTH	MUA HEIGHT	TOTAL MUA VOUME	COLLARS			MUA COLLAR VELOCITY	S.P. - WC AT COLLAR	COLLAR QTY.
						F-B	L-R	CFM PER COLLAR			
1	140	168	16	8	2800	10	20	1400	1008	0.25	2

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Project Title
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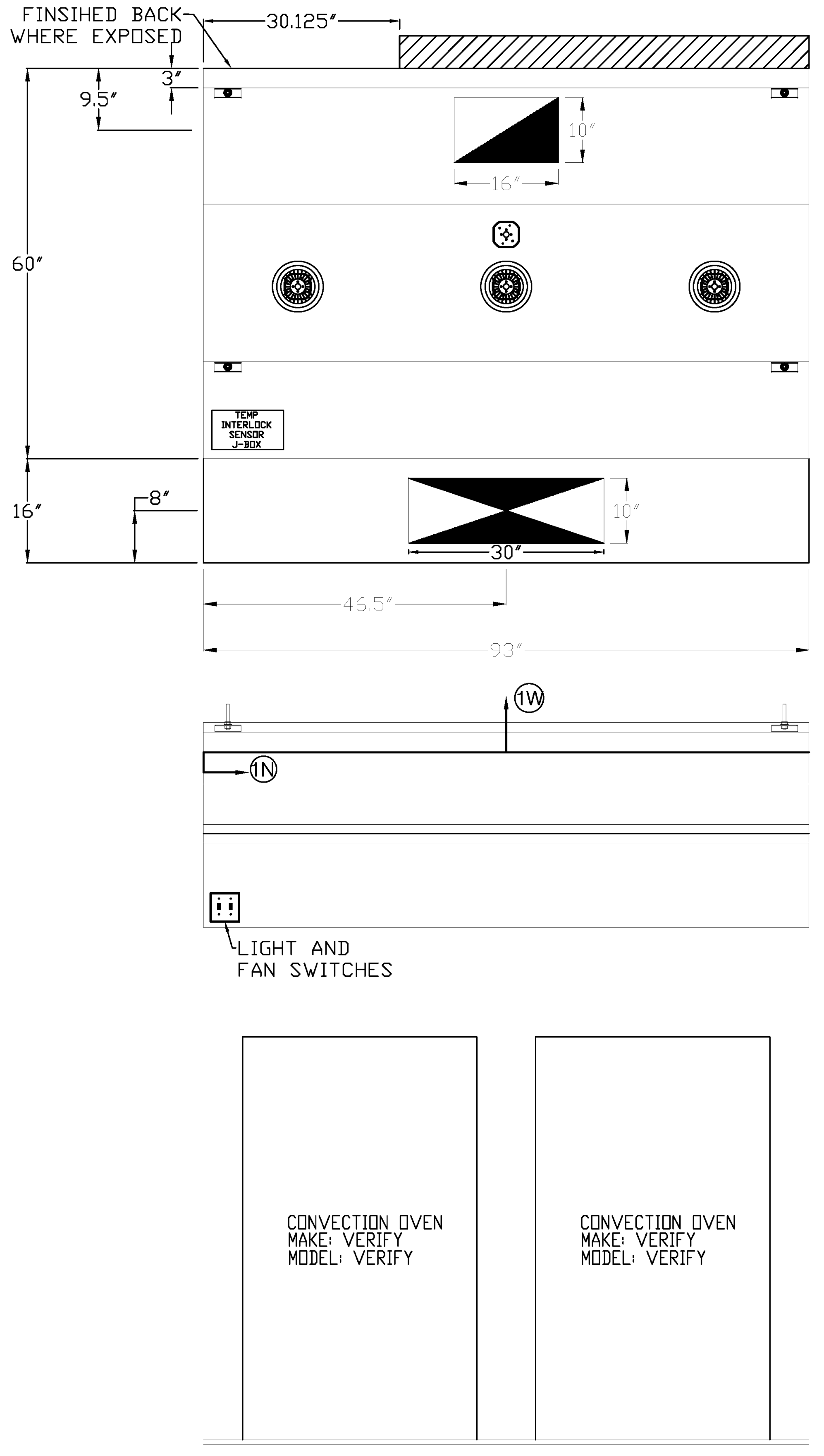
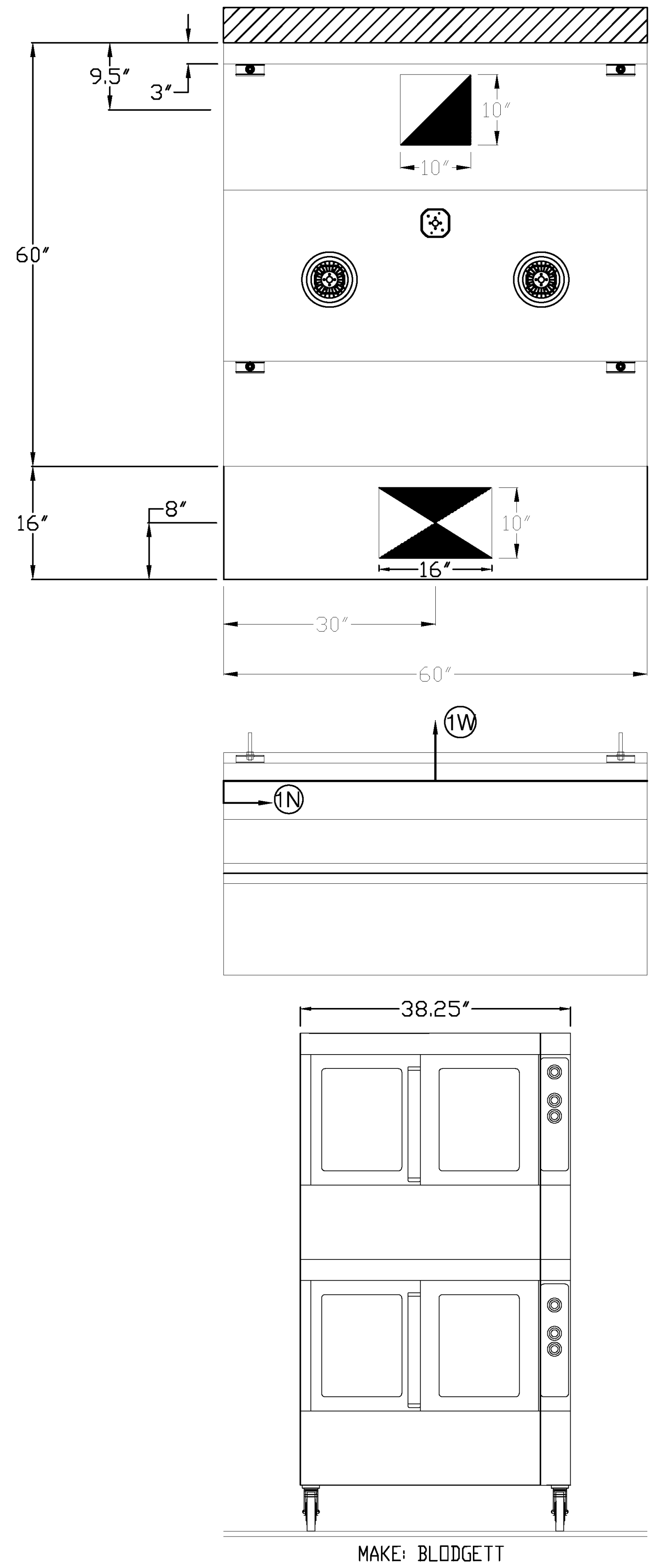
Sheet Title
FOOD SERVICE
EXHAUST
HOOD
DETAILS

Sheet No.
WMS
FS204

CONSTRUCTION DOCUMENTS

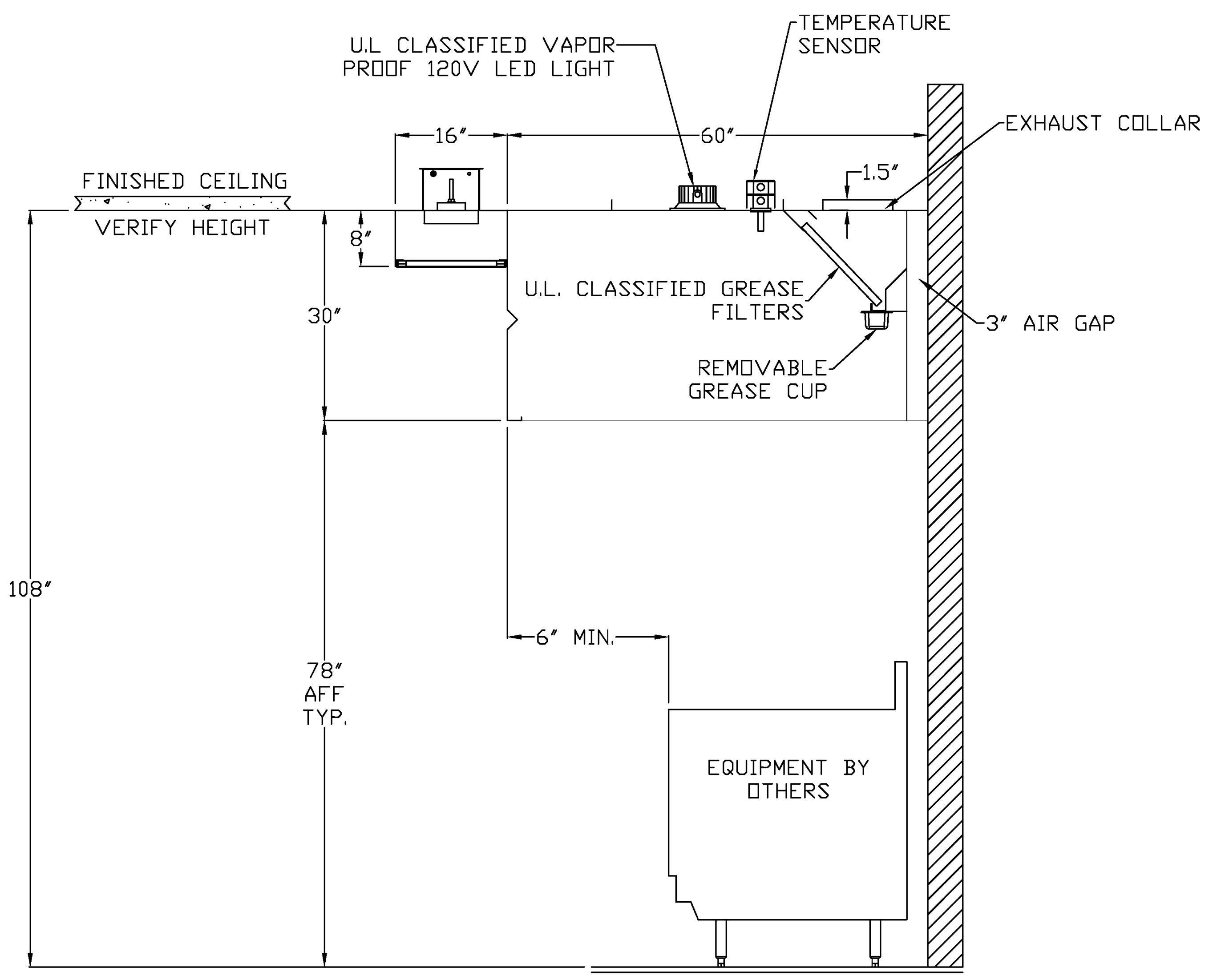


HOOD #2 - VDD-P



MAKE: BLODGETT
MODEL: DFG-100-ES DBL

HOOD #3 - VDD-P



EXHAUST SCHEDULE

HOOD ITEM NUMBER	APPROX. WEIGHT IN LBS	HOOD WIDTH	HOOD DEPTH	HOOD HEIGHT	TOTAL EXHAUST VOLUME	EXHAUST RATE PER LIN./FT	COLLARS			EXH. COLLAR VELOCITY	S.P. - WC AT COLLAR	COLLAR QTY.
							F-B	L-R	CFM PER COLLAR			
2	484	93	60	30	1937.5	250	10	16	1937.5	1744	0.75	1
3	313	60	60	30	1250	250	10	10	1250	1800	0.75	1

MUA SCHEDULE

MUA ITEM NUMBER	APPROX. WEIGHT IN LBS	MUA WIDTH	MUA DEPTH	MUA HEIGHT	TOTAL MUA VOUME	COLLARS			MUA COLLAR VELOCITY	S.P. - WC AT COLLAR	COLLAR QTY.
						F-B	L-R	CFM PER COLLAR			
2	78	93	16	8	1550	10	30	1550	744	0.25	1
3	50	60	16	8	1000	10	16	1000	900	0.25	1

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WASHINGTONVILLE MIDDLE SCHOOL

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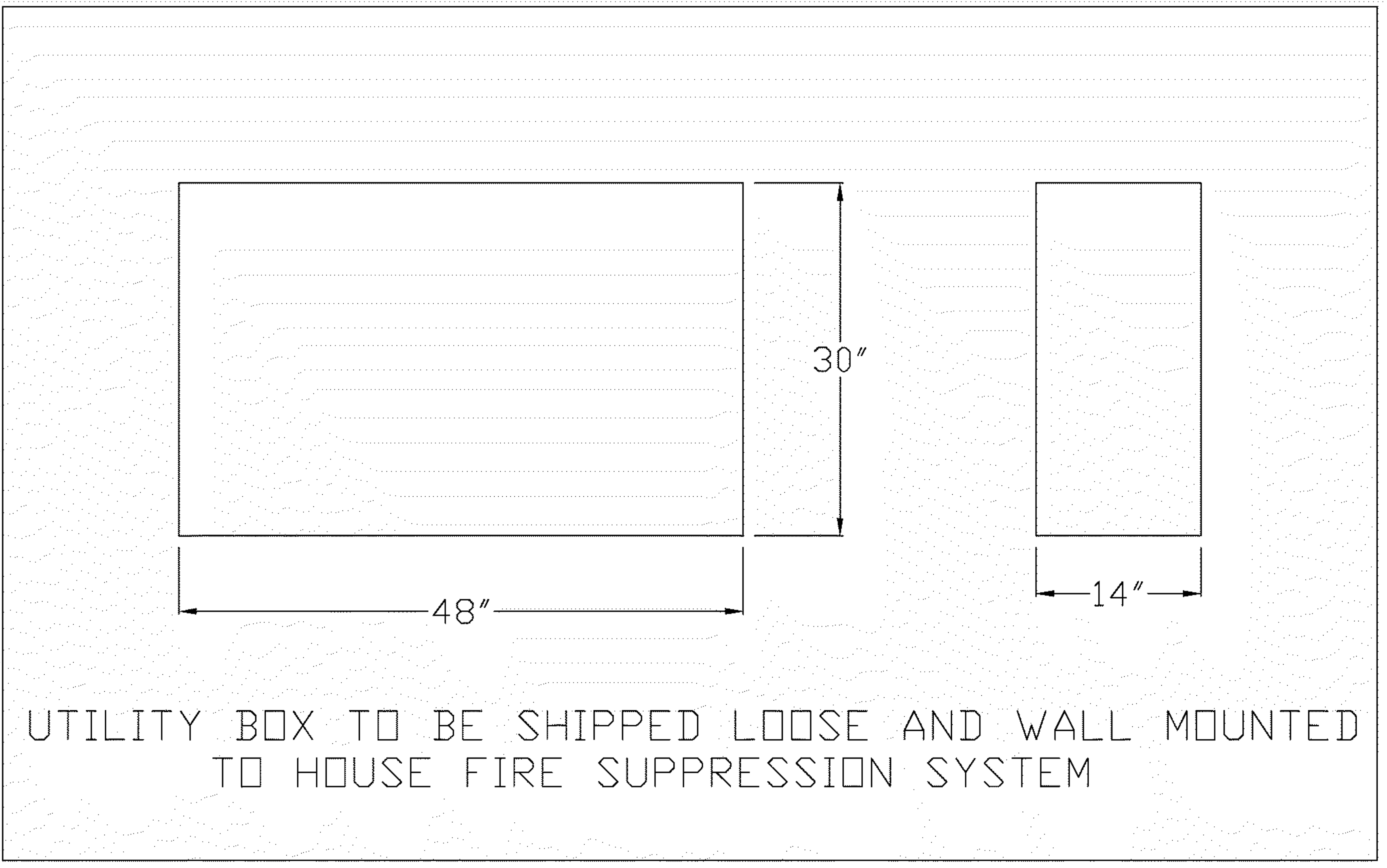
Sheet Title
FOOD SERVICE
EXHAUST
HOOD
DETAILS

Sheet No.
WMS
FS205

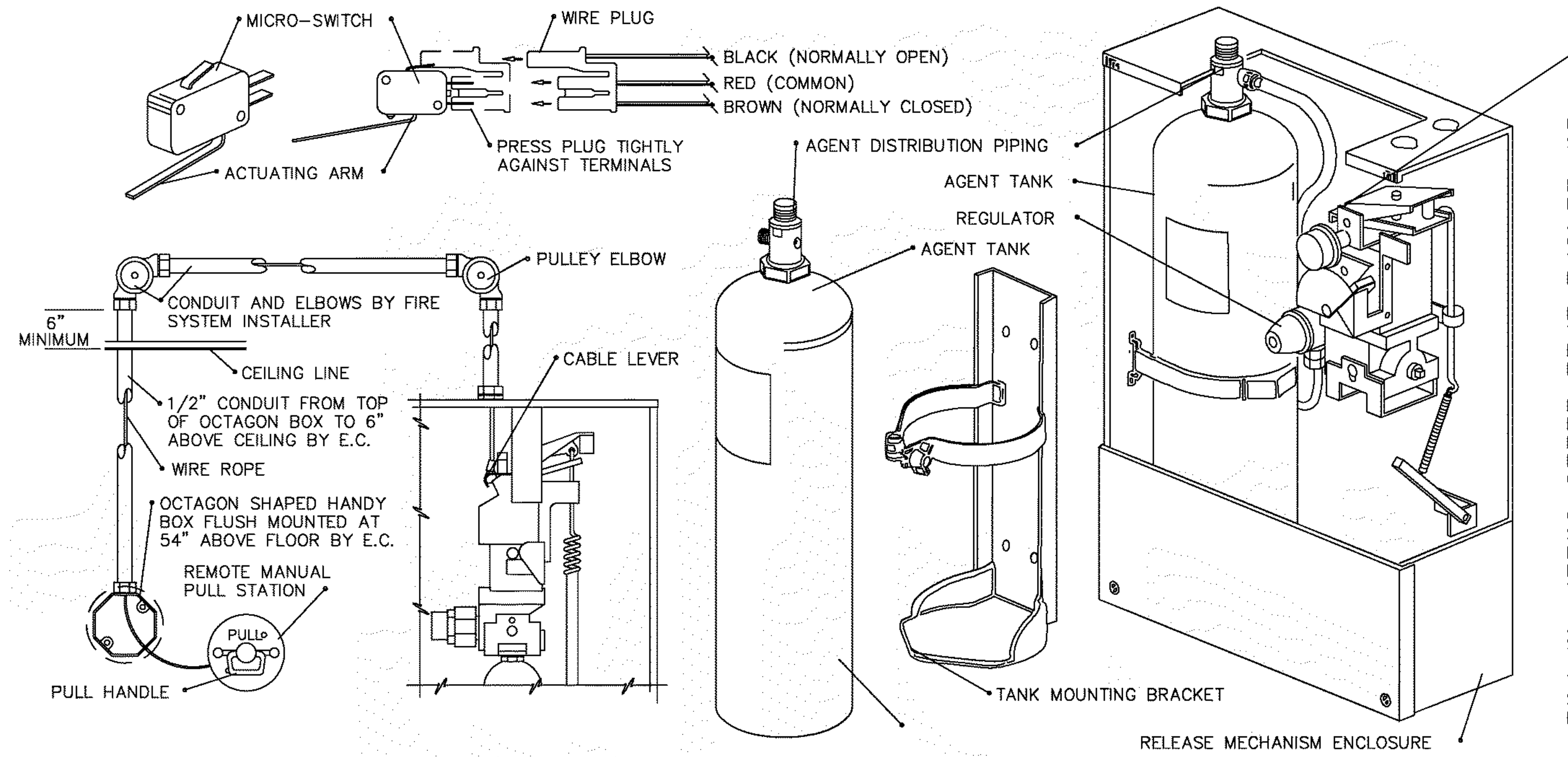
CONSTRUCTION DOCUMENTS



UTILITY BOX TO BE SHIPPED LOOSE AND WALL MOUNTED TO HOUSE FIRE SUPPRESSION SYSTEM

IMPORTANT NOTES:

AVTEC WILL SUPPLY THE ANSUL FIRE PROTECTION SYSTEM COMPONENTS AND INSTALLATION. THIS CONSISTS OF UL LISTED WET CHEMICAL FIRE SUPPRESSION SYSTEM FIELD INSTALLED TO INCLUDE: PIPING OF HOODS IN FIELD, ALL SUPPLY AND DETECTION LINES,SUPPLY DROPS WITH NOZZLES, MECHANICAL GAS VALVE UP TO 2", REMOTE MANUAL PULL STATION, DPDT MICROSWITCH. DOES NOT INCLUDE ELECTRIC GAS SOLENOID VALVE OF ANY SIZE, ELECTRICAL WORK, OR WET TEST IF REQUIRED. INSTALL WILL BE COORDINATED WITH A FIELD INSTALLATION CONTRACTOR TO CONFIGURE THE SYSTEM BASED ON FIELD CONDITIONS.


MICRO-SWITCH
WIRE PLUG
BLACK (NORMALLY OPEN)
RED (COMMON)
BROWN (NORMALLY CLOSED)
ACTUATING ARM
PRESS PLUG TIGHTLY AGAINST TERMINALS
AGENT DISTRIBUTION PIPING
AGENT TANK
REGULATOR
AGENT TANK
REGULATED RELEASE MECHANISM
PULLEY ELBOW
CONDUIT AND ELBOWS BY FIRE SYSTEM INSTALLER
6" MINIMUM
CEILING LINE
CABLE LEVER
1/2" CONDUIT FROM TOP OF OCTAGON BOX TO 6" ABOVE CEILING BY E.C.
WIRE ROPE
OCTAGON SHAPED HANDY BOX FLUSH MOUNTED AT 54" ABOVE FLOOR BY E.C.
REMOTE MANUAL PULL STATION
PULL
PULL HANDLE
TANK MOUNTING BRACKET
RELEASE MECHANISM ENCLOSURE

UL 300 LISTED WET CHEMICAL FIRE SUPPRESSION SYSTEM AND TANK(S).

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL POWER DISCONNECT DEVICES FOR ALL EQUIPMENT BELOW THE HOOD, SHUTTING OFF ALL SERVICE, INCLUDING CONTROL VOLTAGE, UPON ACTIVATION OF THE FIRE PROTECTION SYSTEM.

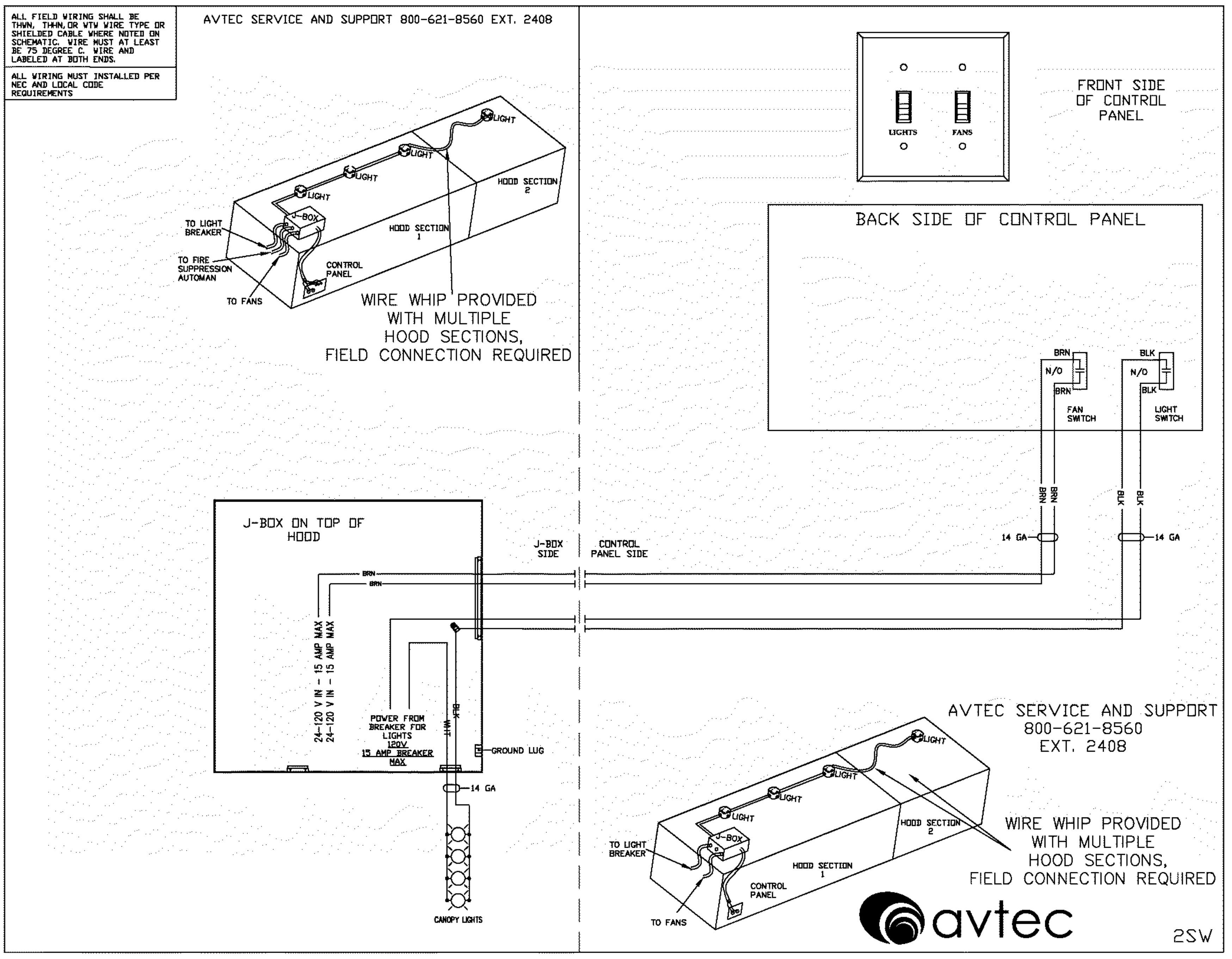
MICRO-SWITCH FURNISHED WITH SYSTEM TO BE INTERWIRED TO THE SHUT-OFF DEVICES FOR THE COOKING EQUIPMENT BY THE ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL AN OCTAGON SHAPED HANDY BOX FOR THE PULL STATION AT 54" ABOVE THE FLOOR WITH 1/2" CONDUIT FROM THE TOP OF THE BOX TO 6" ABOVE THE CEILING.

GAS SHUT-OFF VALVE FURNISHED WITH THE SYSTEM (IF REQUIRED) TO BE INSTALLED IN THE GAS LINE SERVING THE COOKING EQUIPMENT BY THE PLUMBING CONTRACTOR. VERIFY SIZE OF GAS LINE.

ALL EXPOSED PIPEWORK TO BE STAINLESS STEEL OR CHROME WHERE EXPOSED.

VERIFY LOCATION OF REMOTE MANUAL PULL STATION. UNIT MUST BE PLACED WITHIN EASY ACCESS OF EXIT DOOR.


ALL FIELD WIRING SHALL BE THWN, THHN,OR VTW WIRE TYPE OR SHIELDED CABLE WHERE NOTED ON SCHEMATIC. WIRE MUST AT LEAST BE 75 DEGREE C. WIRE AND LABELED AT BOTH ENDS.

ALL WIRING MUST INSTALLED PER NEC AND LOCAL CODE REQUIREMENTS

AVTEC SERVICE AND SUPPORT 800-621-8560 EXT. 2408

WIRE WHIP PROVIDED WITH MULTIPLE HOOD SECTIONS, FIELD CONNECTION REQUIRED

AVTEC SERVICE AND SUPPORT
800-621-8560
EXT. 2408

WIRE WHIP PROVIDED WITH MULTIPLE HOOD SECTIONS, FIELD CONNECTION REQUIRED

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Project Title

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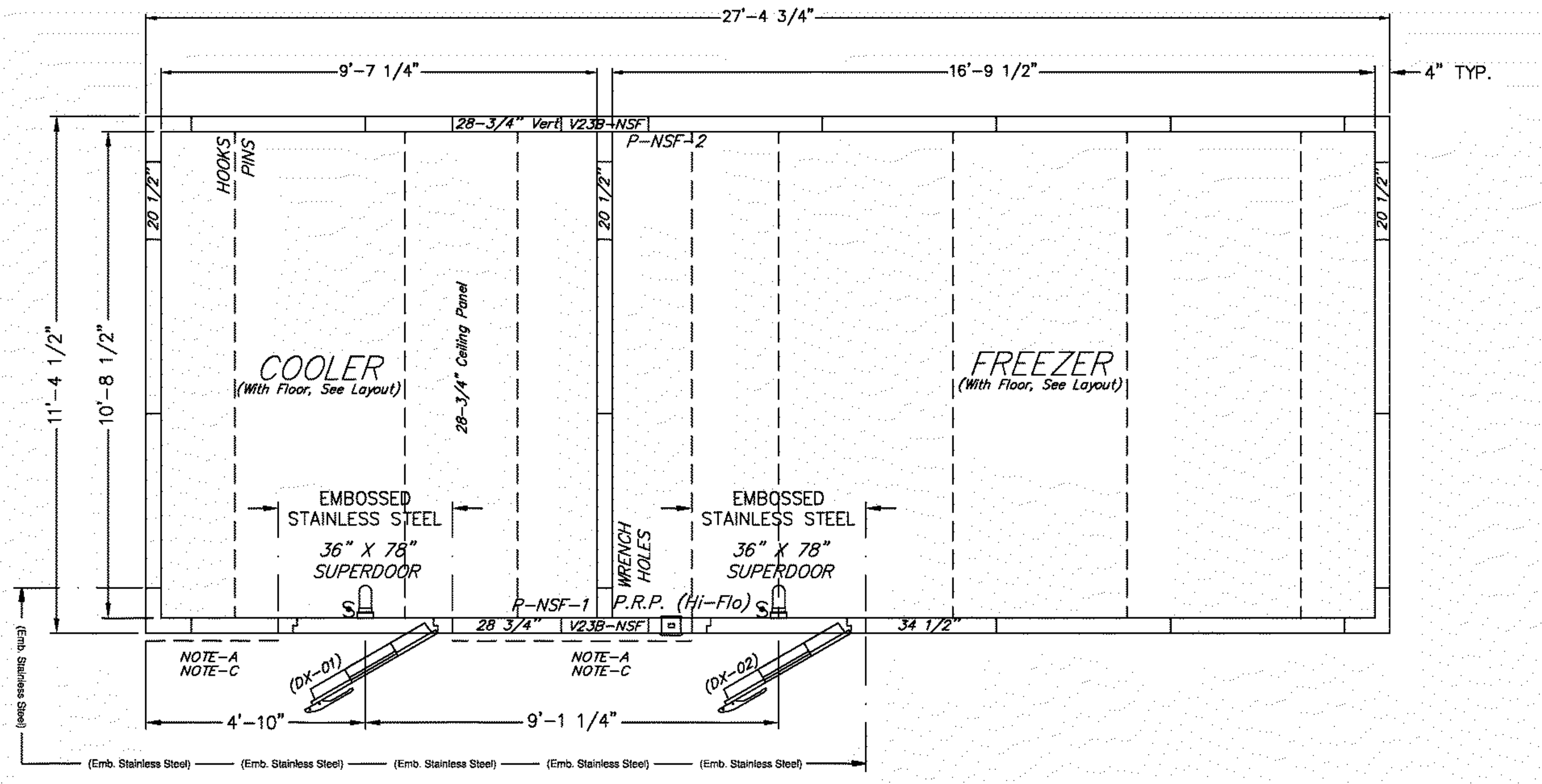
Sheet Title

FOOD SERVICE
EXHAUST
HOOD
DETAILS

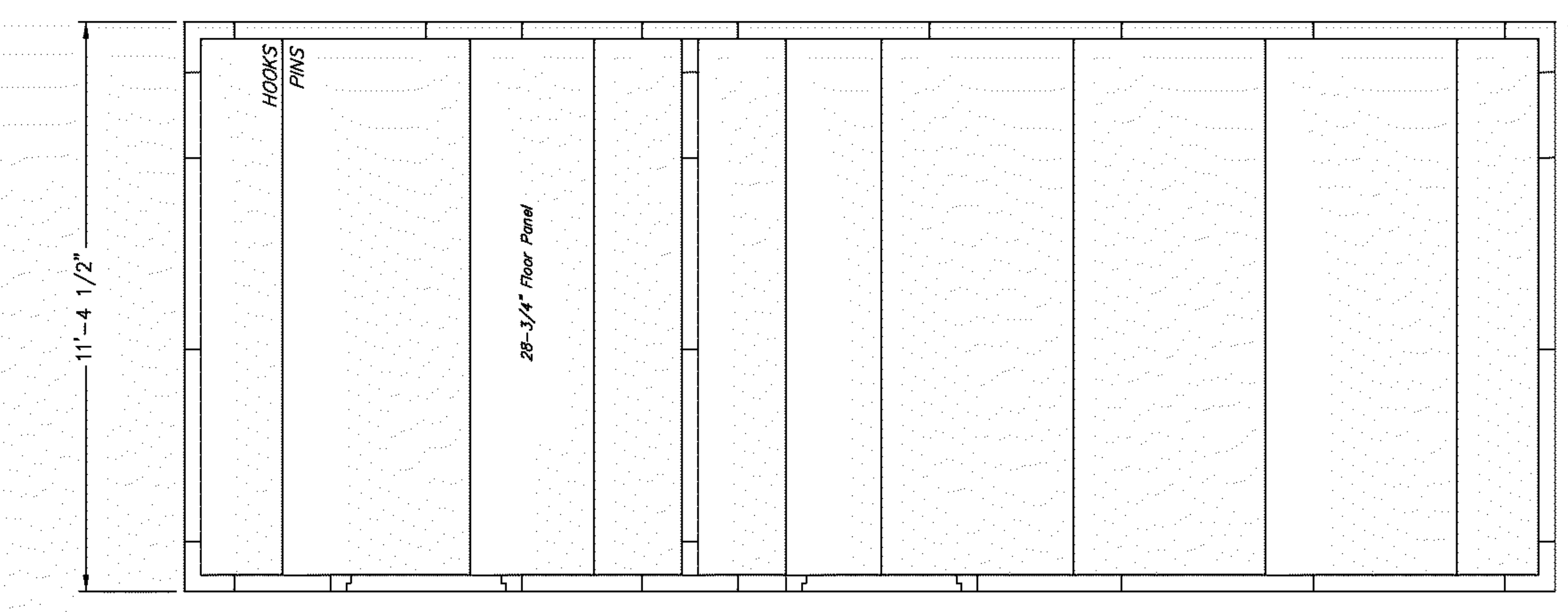
Sheet No.

WMS
FS206

CONSTRUCTION DOCUMENTS



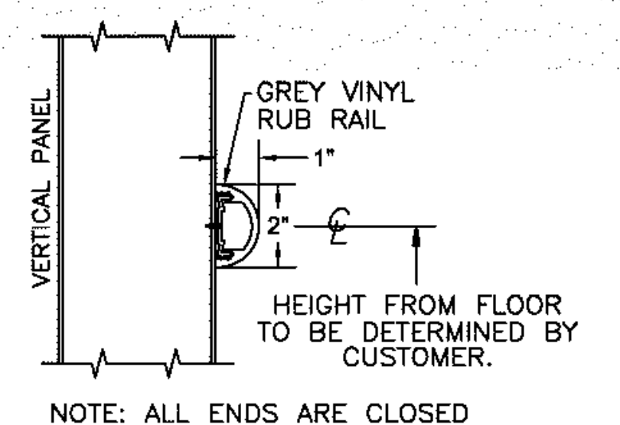
Vertical & Ceiling Panel Layout



Floor Panel Layout

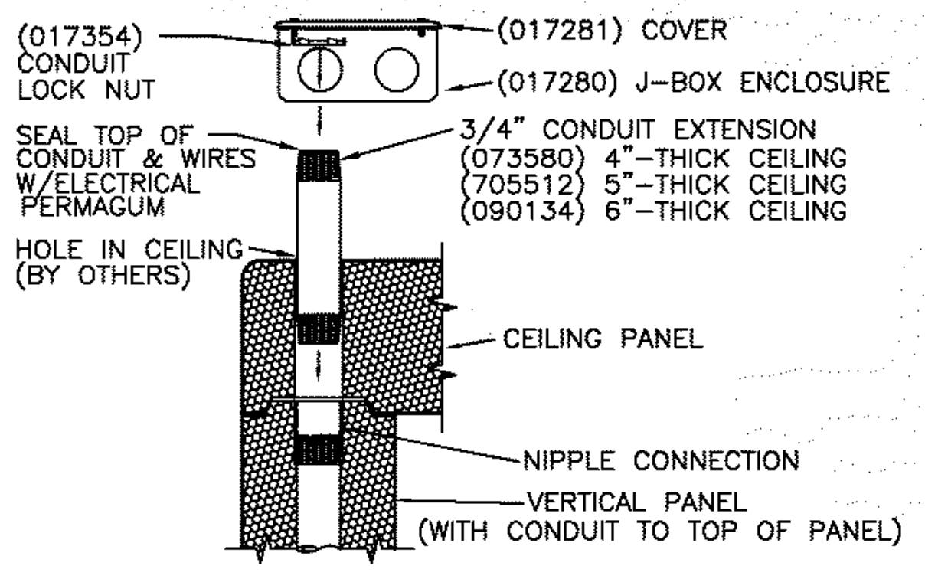
COOLER/FREEZER GENERAL SPECIFICATIONS

FINISHES	INTERIOR WALLS: WHITE STUCCO ALUMINUM INTERIOR CEILING: WHITE STUCCO ALUMINUM EXPOSED EXTERIOR: EMBOSSED STAINLESS STEEL UNEXPOSED EXTERIOR: STANDARD FINISH
PANELS	ALL FOAMED PANELS ARE 4"
FLOOR	CONSTRUCTION TYPE: RECESSED FINISH: ALUMINUM DIAMOND TREAD
DOOR HARDWARE & ACCESSORIES	• 3 HINGES PER DOOR • HYDRAULIC DOOR CLOSURE • FRAME HEATER • PRESSURE RELIEF VENTS • 14"X14" HEATED VISION WINDOW • VAPOR PROOF LED LIGHT FIXTURE • CONTROL/ MONITOR SYSTEM • 36"H DOOR KICK-PLATE ON EXTERIOR/ INTERIOR • POWER AIR CURTAIN • PULL TYPE DOOR LATCH WITH CYLINDER LOCK AND SAFETY RELEASE
WALK-IN ACCESSORIES	• WALL TRIM • CEILING ENCLOSURE TRIM • NON-SKID STRIPS FOR FLOOR AISLES • LOW TEMPERATURE LED LIGHT FIXTURES • DOUBLE RAIL BUMPER RAIL
REFRIGERATION	MANUFACTURER: RDT

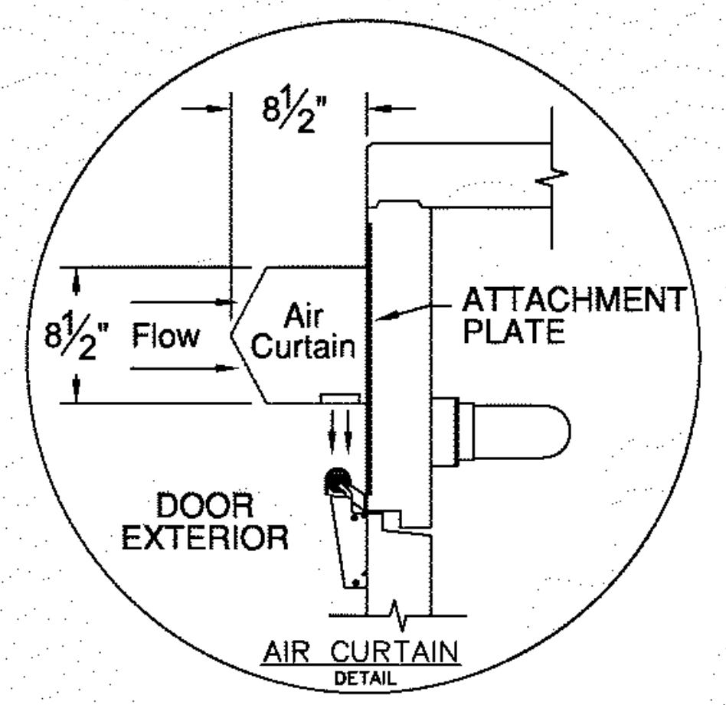


NOTE: ALL ENDS ARE CLOSED
(FOR ADDED SANITATION)

ECOFLEX VINYL RUB RAIL
(SEE INSTRUCTION: IM-365-93)



FIELD INSTALLED JUNCTION BOX
(1-Total) Mounted On Top Of Building



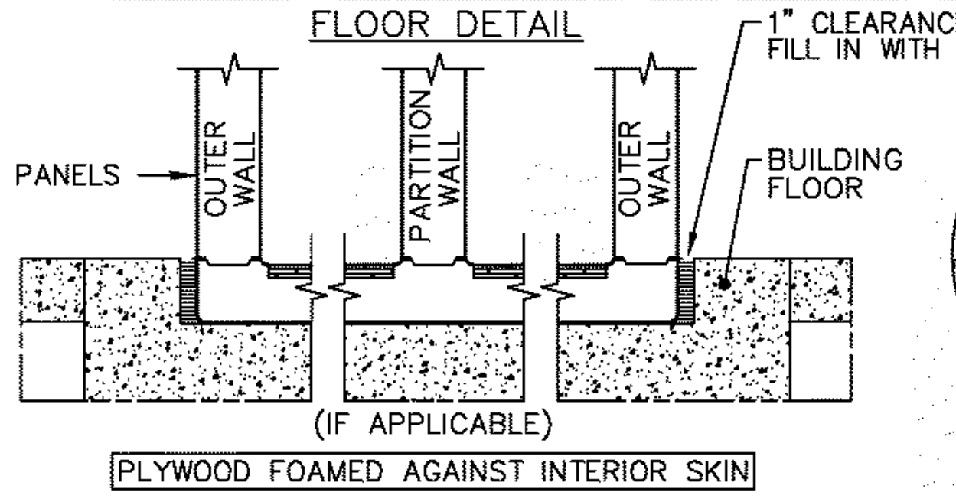
AIR CURTAIN
DETAIL

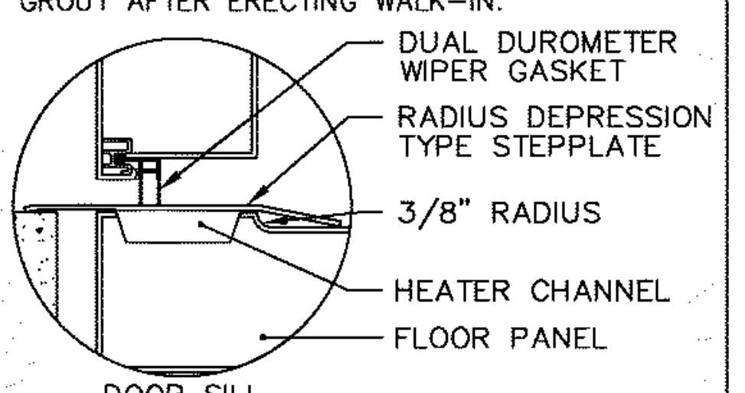
GENERAL NOTES

- NOTE: BALLY TO FURNISH ELECTRICAL CONDUIT WITHIN THE DOOR PANEL EXTENDING FROM THE JUNCTION BOX ON THE INTERIOR TO THE TOP EDGE. BALLY WILL ALSO FURNISH A CONDUIT EXTENSION WITH NIPPLE AND J-BOX LOOSE. ALL ADDITIONAL HOLES, SLEEVES AND J-BOXES MUST BE FURNISHED BY OTHERS. ALL INSTALLATION BY OTHERS.
- NOTE-A: BALLY TO FURNISH ECOFLEX VINYL RUB-RAILS MOUNTED ON EXPOSED EXTERIOR (BY OTHERS). COLOR: GREY. MOUNTED AT TOP OF WAINSCOTING, EXPOSED EXT WALL ONLY.
- NOTE-B BALLY TO FURNISH (2) 1/8" HR TAPPING PLATES FOAMED IN PLACE AGAINST INTERIOR SKIN.
- NOTE-C: BALLY TO FURNISH 1/8'' ALUMINUM DIAMOND TREAD 36'' HIGH WAINSCOT TO COVER EXTERIOR WALLS AS SHOWN.
- NOTE: BALLY TO FURNISH (2) KEIL 48" LED LIGHTS. LIGHTS WIRED AND INSTALLED BY OTHERS. BALLY SHIPS LOOSE.

  ALL CONDUIT ENDS AT J-BOXES MUST BE SEALED INTERNALLY BY INSTALLER (AFTER WIRES ARE RUN).
- NOTE: BALLY TO FURNISH 22GA STAINLESS STEEL CLOSURE METAL & REMOVABLE CLOSURE METAL.
- NOTE: BALLY TO FURNISH (2) BERNER CLC08-1036AA Air Curtains
- NOTE: Pressure Relief Port (Hi-Flo) MOUNTED IN PANEL NEXT TO (DX-02)

FLOOR DETAIL


1" CLEARANCE ON ALL FOUR SIDES.
FILL IN WITH GROUT AFTER ERECTING WALK-IN.
PANELS
OUTER WALL
PARTITION WALL
OUTER WALL
BUILDING
FLOOR
(IF APPLICABLE)
PLYWOOD FOAMED AGAINST INTERIOR SKIN



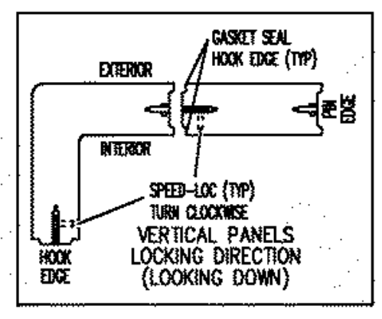
DOOR SILL

NOTE: BEARING SURFACE UNDER FLOOR PANELS MUST BE LEVEL AND DRY. BOTTOM OF PANELS MUST HAVE AT LEAST 80% CONTACT WITH FLOORS.

NOTE: IF MOISTURE IS PRESENT UNDER BUILDING FLOOR, A VAPOR BARRIER MUST BE APPLIED BETWEEN BUILDING FLOOR AND PREFAB PANELS.

NOTE: BALLY TO FURNISH THE PREFAB SECTIONAL WALK-IN COOLER OR FREEZER ONLY (UNLESS OTHERWISE SPECIFIED). THIS INCLUDES WALLS AND CEILING PANELS.

NOTE: THESE DRAWINGS ARE INTENDED TO SERVE AS GUIDE LINE DRAWINGS ONLY. THEY ARE NOT INTENDED TO BE CONSTRUCTION DRAWINGS AS CONDITIONS MAY VARY WIDELY. DIMENSIONAL AND MATERIAL DESIGN TO BE DETERMINED BY PROJECT CONSTRUCTION ENGINEER.



VERTICAL PANELS
LOCKING DIRECTION
(LOOKING DOWN)

BALLY FLOOR PANEL GUIDELINES

STATIONARY LOAD:
LIMIT 600 LBS. SQ. FT. (UNIFORMLY DISTRIBUTED)

MOBILE EQUIPMENT (DOLLIES OR CARTS):
BALLY FLOOR PANELS MUST BE REINFORCED WITH FOAMED PLYWOOD UNDER INTERIOR FLOOR SKIN. (ALUMINUM DIAMOND TREAD OVERLAY IS ALSO AN OPTION).

FORK-LIFT USE:
A MINIMUM OF 4" REINFORCED CONCRETE MUST BE POURED OVER BALLY FLOOR PANELS.

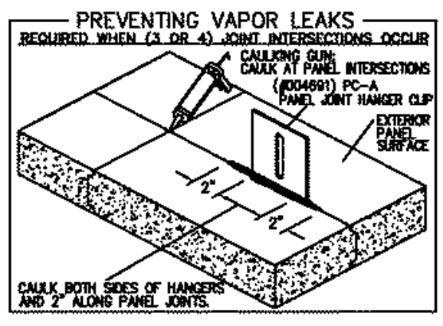
AIR GAP/CIRCULATION RECOMMENDATION

BALLY RECOMMENDS A 2" GAP BETWEEN WALK-IN VERTICAL PANELS AND EXISTING BUILDING WALLS FOR PROPER AIR CIRCULATION. IT IS ALSO RECOMMENDED THAT AIR EXCHANGE/CIRCULATION BE PROVIDED FOR WALK-INS THAT ARE WITHIN AN ENCLOSED AREA.

S - ELECTRICAL CONNECTION

PREVENTING VAPOR LEAKS

REQUIRED WHEN (3 OR 4) JOINT INTERSECTIONS OCCUR

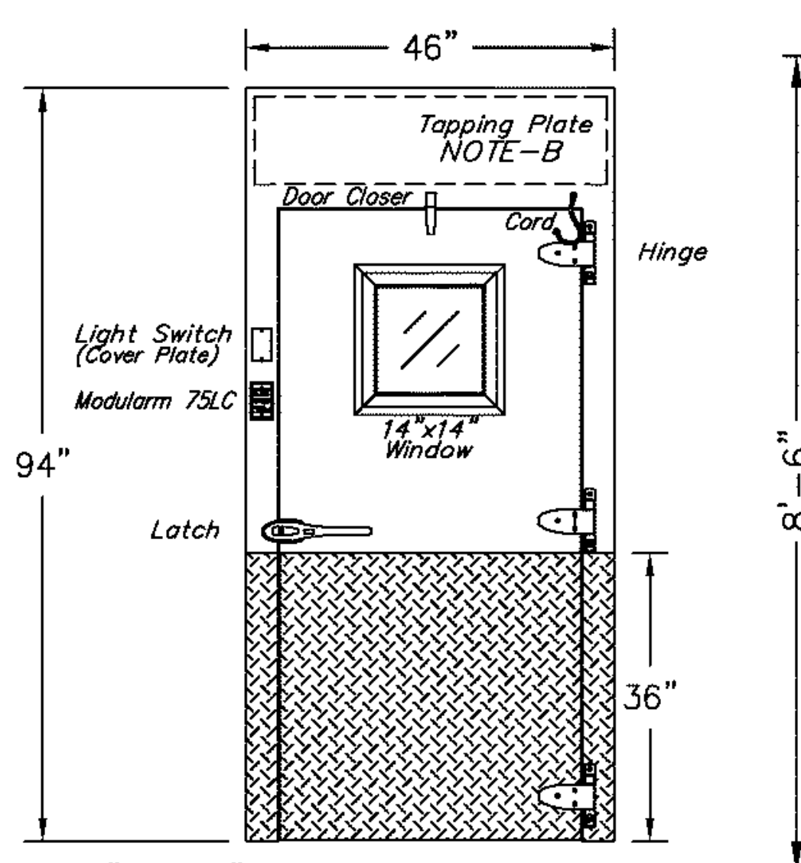

CAULKING GUN:
CAULK AT PANEL INTERSECTIONS
(#004691) PC-A
PANEL JOINT HANGER CLIP
EXTERIOR
PANEL
SURFACE
2"
2"
CAULK BOTH SIDES OF HANGERS
AND 2" ALONG PANEL JOINTS.

THIS DRAWING IS TO BE USED FOR "APPROVAL ONLY".

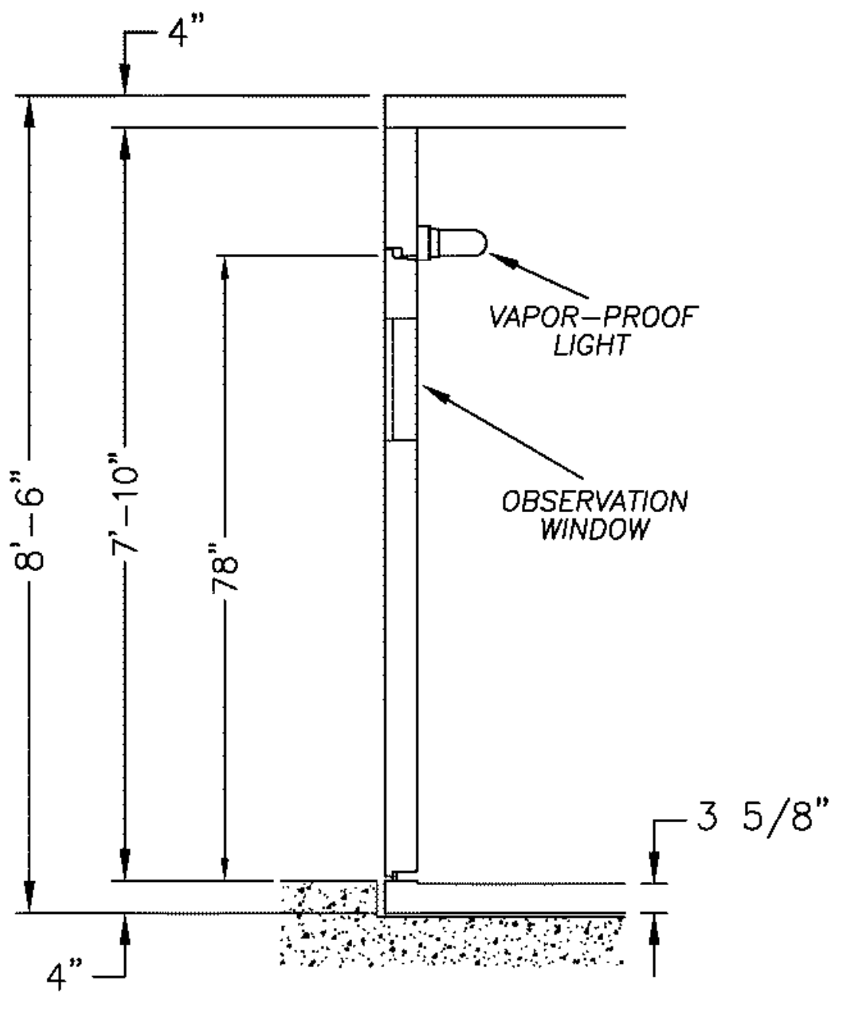
-> DO NOT USE THIS DRAWING FOR INSTALLATION!

EVERY SHIPPED ORDER WILL HAVE A FINALIZED "AS-BUILT" DRAWING.

QUESTIONS: CONTACT THE PA OFFICE AT:
(800) 344-9302
(WEB SITE: BALLYREFBOXES.COM)



36" X 78" Right Hinged Walk-in Door
(DOOR PANEL EXTERIOR ELEVATION)
(DX-01, DX-02)



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Consultant

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Liverpool, NY 13088
www.teamfsds.com | 315-498-9446

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL

#	DATE	DESCRIPTION

Drawn By:	PT
Checked By:	JW
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12.12.25

Sheet Title

FOOD SERVICE
WALK-IN
DETAILS

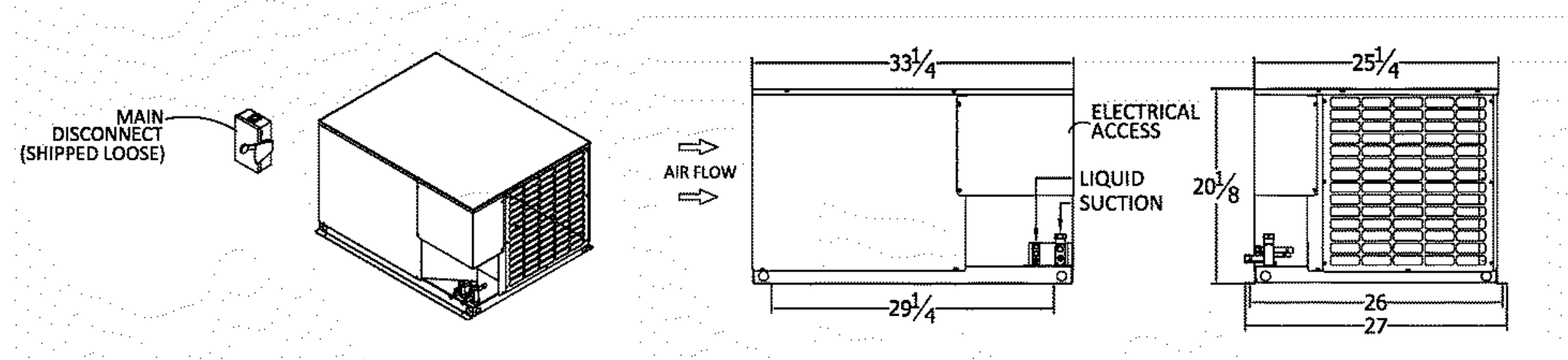
Sheet No.

WMS
FS207

CONSTRUCTION DOCUMENTS

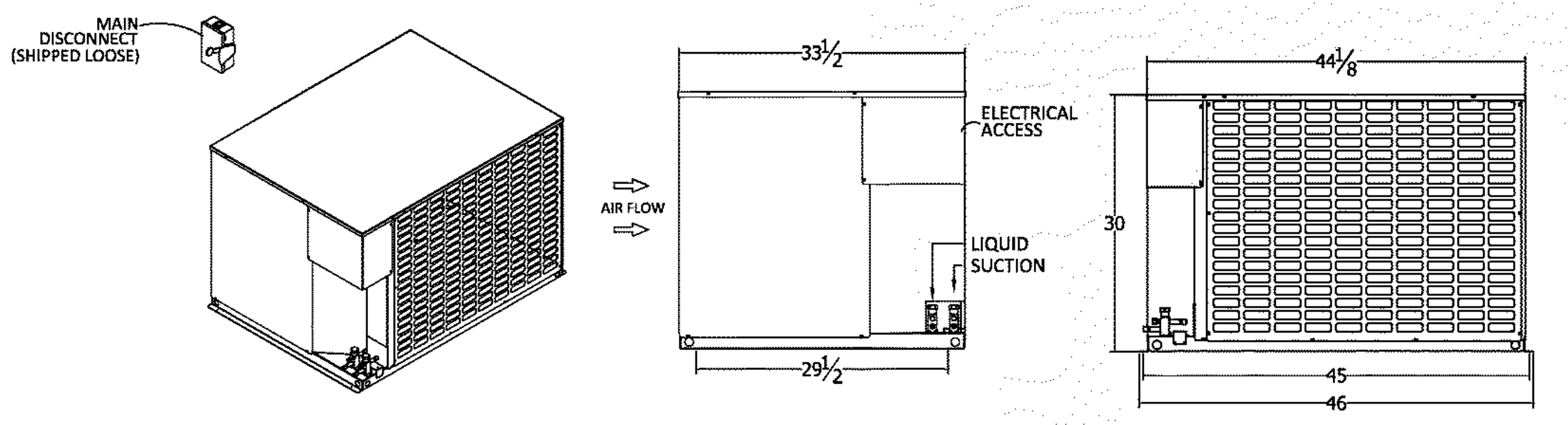
ITEM NO. 11 (Walk-In -Cooler)

Model No. - PCM009ZCT3A
Qty. 1
Type: Outdoor Air Cooled
Voltage: 208/60/3
Refrigerant: R-448a
HP: 0.9 HP
Weight: 240 lbs.



ITEM NO. 13 (Walk-In - Freezer)

Model No. - PCL055ZCT3A
Qty. 1
Type: Outdoor Air Cooled
Voltage: 208/60/3
Refrigerant: R-448a
HP: 5.5 HP
Weight: 400 lbs.



EACH CONDENSING UNIT EQUIPPED WITH:

- MAIN DISCONNECT
- DEMAND DEFROST CONTROLLERS
- POWDER COATED STEEL CABINET
- CRANKCASE HEATERS
- HEAD PRESSURE CONTROL VALVE
- SUCTION LINE FILTER
- LOW AMBIENT KIT (HEATED & INSULATED RECEIVER)
- EEV'S & SUCTION TRANSDUCERS ON COILS

ENGINEERING SUMMARY

208-230/60/3

CONDENSING UNIT ITEM #	SYSTEM	FIXTURES						CONDENSING UNIT								EVAPORATOR COILS															REFRIGERANT LINE				TOTAL SYSTEM LOAD	MCA	MOPD
				TEMP °F				COMPRESSOR											FAN MOTORS @ 60 HZ			HEATERS @ 60 HZ						ACCESSORIES			SIZES (IN)						
		ITEM #	DESCRIPTION	FIXT.	SUCT.	REQ'D FIXTURE BTU/H	REFRIG. R-	MODEL NO.	H.P.	RATING @ 60 HZ RLA	V	PH	BTU CAP @ AMB °F 95	TYPE	REC. CAP. (lbs)	ITEM #	MODEL NO.	QTY	RLA	V	PH	RLA	V	PH	DEFR. TYPE	DEFROST CONTROLLER TYPE	CONTROLLER QTY	TSTAT	SOL. VALVE	EXP. VLV.	SUCT.	LIQUID	LINE RUN (FT)	TYPE			
11	A	109	WALK-IN COOLER	35	25	9848	448A	PCM009ZCT3A	0.9	5.2	208	3	9830	Z	8.0	10	BEL0095	1	1.8	115	1				O.C.	ECOSMART	1	F	F	EF	5/8	3/8	100	M	5.2	15.0	15.0
13	B	111	WALK-IN FREEZER	-10	-20	14266	448A	PCL055ZCT3A	5.5	19.1	208	3	16350	Z	20.0	12	BEL0155	1	1.5	208	1	13.7	208	1	ELEC.	ECOSMART	1	F	F	EF	1-1/8	1/2	100	M	19.1	25.0	40.0

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
Z SCROLL
H HERMETIC
S SEMI-HERMETIC
D DISCUS

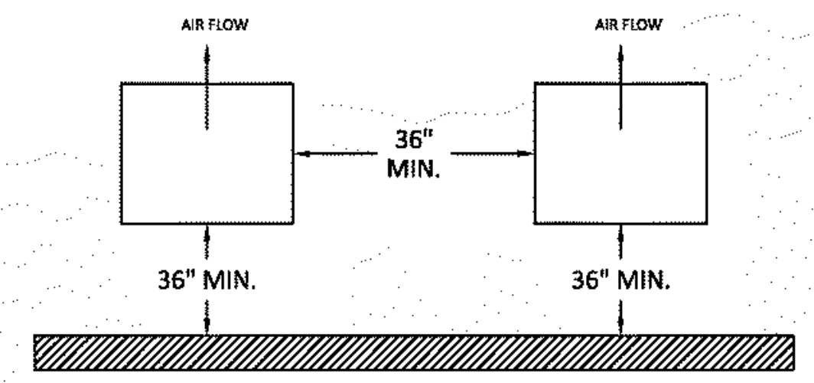
DEFROST TYPE
O.C. OFF CYCLE
ELEC ELECTRIC

LINE TYPE
M MAIN
B BRANCH
T TRUNK

EVAPORATOR ACCESSORIES
EF EEV FACTORY EQUIPPED ON EVAP
TF TXV FACTORY EQUIPPED ON EVAP
F FACTORY EQUIPPED ON EVAP
O PROVIDED BY OTHERS
L LOOSE (FIELD INSTALLATION)

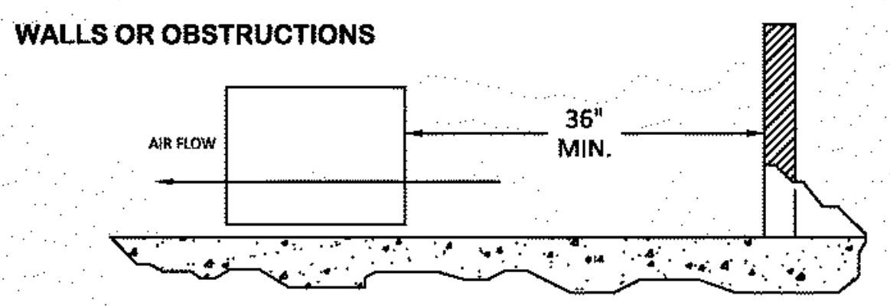
CLEARANCE REQUIREMENTS: PC SERIES (TYPICAL)

MULTIPLE UNITS



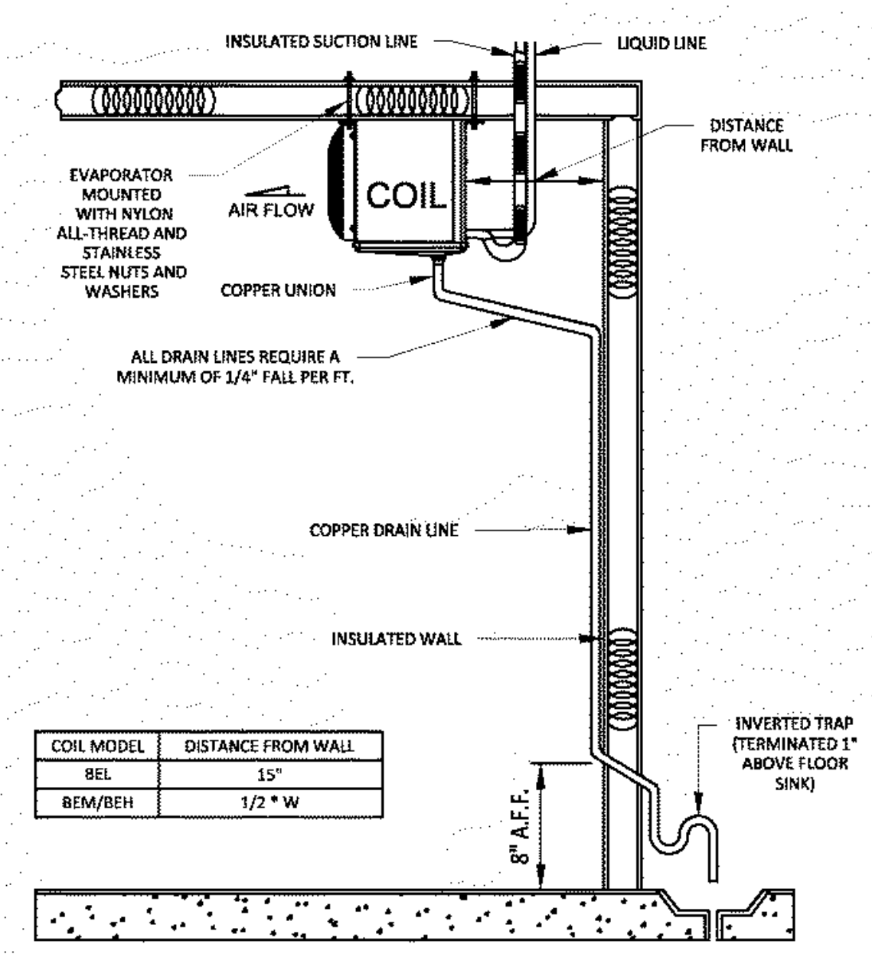
For units placed side by side, the minimum distance between units is the width of the largest unit. If units placed end to end, the minimum distance between the units is 4 feet.

WALLS OR OBSTRUCTIONS



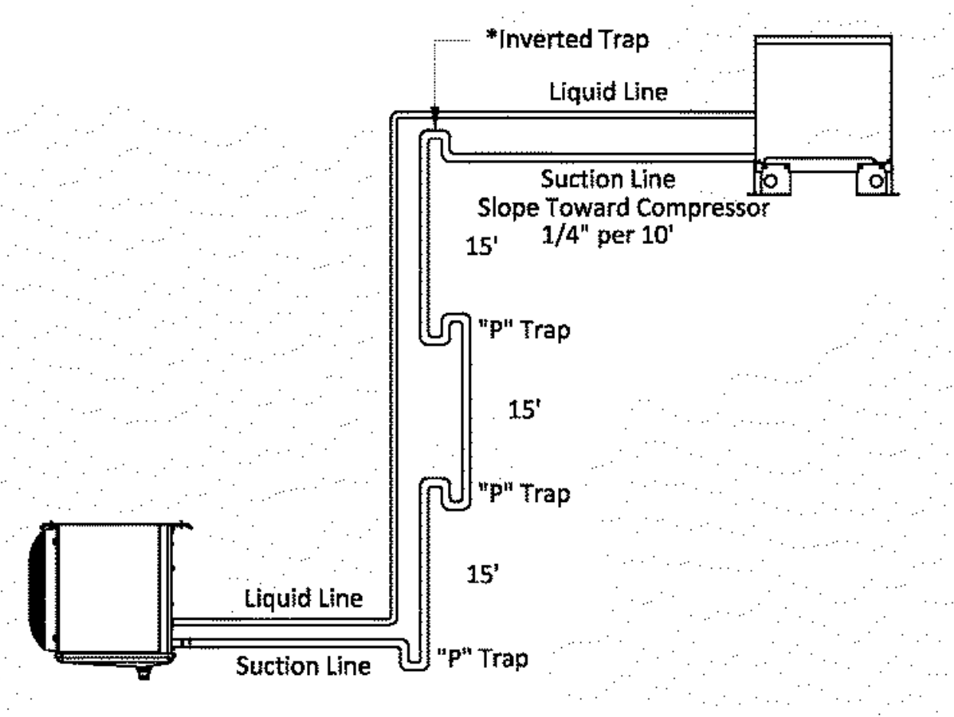
The unit should be located so that air may circulate freely and not be re-circulated. For proper air flow and access, all sides of the unit should be a minimum of "W" away from any wall or obstruction. It is preferred that this distance be increased whenever possible. Care should be taken to see that ample room is left for maintenance work through access doors and panels. Overhead obstructions are not permitted.

EVAPORATOR MOUNTING DETAIL (TYPICAL)


INSULATED SUCTION LINE
LIQUID LINE
DISTANCE FROM WALL
EVAPORATOR MOUNTED WITH NYLON ALL-THREAD AND STAINLESS STEEL NUTS AND WASHERS
AIR FLOW
COIL
COPPER UNION
ALL DRAIN LINES REQUIRE A MINIMUM OF 1/4" FALL PER FT.
COPPER DRAIN LINE
INSULATED WALL
INVERTED TRAP (TERMINATED 1" ABOVE FLOOR SINK)
8" A.F.F.

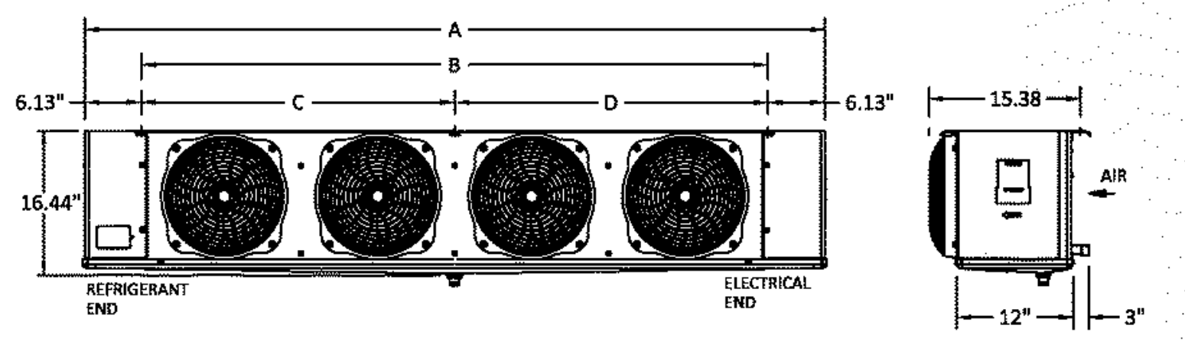
COIL MODEL	DISTANCE FROM WALL
BEL	15"
BEM/BEH	1/2 * W

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.

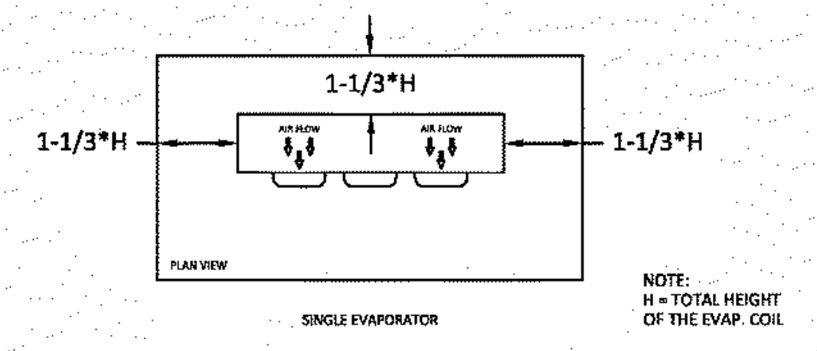
EVAPORATOR DETAILS - MODEL BEL



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
095	45-1/2	33-1/4	-	-	1/2 OD	5/8 OD	3/4 MPT	51	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
155	61-1/2	49-1/4	-	-	1/2 OD	1-1/8 OD	3/4 MPT	78	3	1.5	13.7	8.5	6.8

EVAPORATOR PLACEMENT & CLEARANCE REQUIREMENTS LOW PROFILE EVAPORATOR COILS (I.E. - BEL)

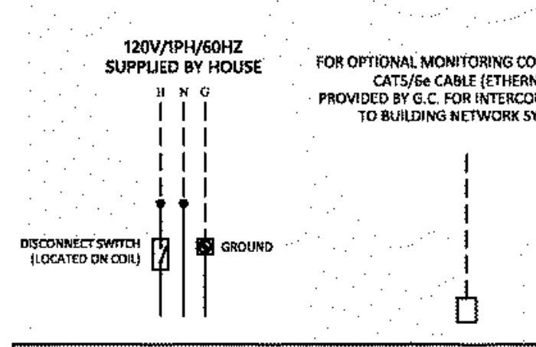


NOTE:
H = TOTAL HEIGHT OF THE EVAP. COIL

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.

SYS	DESCRIPTION	VOLTAGE
A	WALK-IN COOLER	115/1


120V/1PH/60HZ SUPPLIED BY HOUSE
H N G
FOR OPTIONAL MONITORING CONNECTIVITY CAT5/6e CABLE (ETHERNET) PROVIDED BY G.C. FOR INTERCONNECTIVITY TO BUILDING NETWORK SYSTEM
DISCONNECT SWITCH (LOCATED ON COIL)
GROUND

Note: Controller provided pre-mounted to housing of evaporator assembly.

Wiring Schedule for Electrical Contractor Requirements:

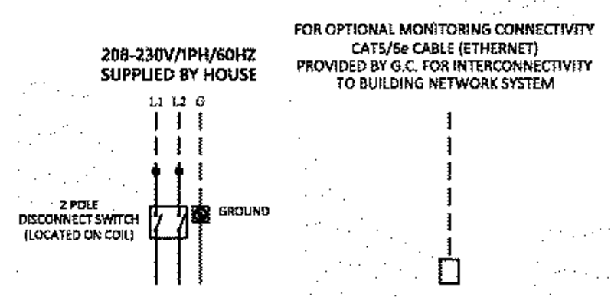
PRIMARY COIL
(3) 115V 12AWG MIN. TO PROVIDE HOUSE POWER TO THE COIL (HOT, NEUTRAL, GROUND)

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.

SYS	DESCRIPTION	VOLTAGE
B	WALK-IN FREEZER	208/1


208-230V/1PH/60HZ SUPPLIED BY HOUSE
L1 L2 G
FOR OPTIONAL MONITORING CONNECTIVITY CAT5/6e CABLE (ETHERNET) PROVIDED BY G.C. FOR INTERCONNECTIVITY TO BUILDING NETWORK SYSTEM
2 POLE DISCONNECT SWITCH (LOCATED ON COIL)
GROUND

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 — — — —

POLARCRAFT SERIES ENGINEERING SPECIFICATIONS

Single compressor, outdoor, air cooled. The refrigeration package shall be a pre-engineered and factory-assembled unit, trade name "Polarcraft", as manufactured by Refrigeration Design Technologies, 1808 FM Road 66, P.O. Box 622, Waxahachie, Texas 75167. 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 steel frame. The entire housing shall be powder-coated steel. The unit shall include an air-cooled aluminum fin copper tube condenser. The exterior housing shall feature a one piece grille for air flow. Lifting points shall be integrated in the framing component. Condenser fan motors shall be mounted within the enclosure. An optional hail guard is available.

Each unit shall be equipped with a high efficiency fan motor(s), sight glass, liquid filter/drier, liquid line inlet and outlet valve. Each unit shall be equipped with a head pressure regulator for low ambient conditions.

Condensing unit shall contain a scroll type compressor assembled to operate with the refrigerant specified for both medium and low temperature applications.

2. Evaporator Coils
A. Evaporator coils shall be direct expansion type fabricated of copper tubes with aluminum fins.
B. All evaporator coils shall be provided with solenoid valve, thermostatic or electronic expansion valve and thermostat.

3. Pre-Piping
All refrigerant lines shall be extended to 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.

All piping and controls shall be factory pressure-tested with dry nitrogen.

1. Control Panel
The package shall have a factory-mounted and pre-wired control panel, with main disconnect (non fused) where required, circuit breakers, contactors wired for single point power connection.

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.

Contractor should provide and install the drain-line heater in freezer. Heater shall be connected by electrical contractor. Seal all penetrations through the walk-in units with foam.

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. Trap drain-line outside of refrigerated space to avoid entrance of warm, moist air.

All plumbing installation shall be in accordance with local codes.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL

#	DATE	DESCRIPTION

Drawn By: PT
Checked By: JW
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12.12.25

Sheet Title
FOOD SERVICE REFRIGERATION DETAILS

Sheet No.
WMS FS208

CONSTRUCTION DOCUMENTS

PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
— — — — — —	WORK TO BE REMOVED
⧓	POINT OF CONNECTION
⧗	POINT OF DISCONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
—— (E) ——	EXISTING PIPING
━━━━	NEW PIPING LOCATED ABOVE FLOOR/SLAB
—— —— ——	NEW PIPING LOCATED BELOW FLOOR/SLAB
—— • ——	COLD WATER PIPING (CW)
—— •• ——	HOT WATER PIPING (HW)
—— ••• ——	HOT WATER RECIRCULATING PIPING (HWR)
—— SAN ——	SANITARY SEWER PIPING
—— G ——	LP GAS PIPING (LPG)
——⊃	ELBOW DOWN
—⊃⊃—	45°OFFSET
——○	ELBOW UP
—⊖—	BOTTOM/TEE CONNECTION
—⊍—	TOP TEE CONNECTION
——⊃○	"P" TRAP
——≀	PIPE CONTINUATION
——]	CAP OR PLUG
——ф	DECK PLATE CLEANOUT (DPCO)
——⊂‖	WALL PLATE CLEANOUT (WPCO)
——‖	CLEANOUT (CO)
⧈	FLOOR DRAIN (FD) / FLOOR SINK (FS)
⊼	STRAINER
——●——	SHUT OFF VALVE
——⊗——	BALANCING VALVE
—|N|—	CHECK VALVE
——●——	SOLENOID VALVE
——≡——	PIPE GUIDE
——|||——	UNION
——|⌀|——	RECIRCULATION PUMP
—▭	THERMOMETER
●—⊘	PRESSURE GAUGE
Ⓧ	DRAWING KEYNOTE
☒ X	DEMOLITION/REMOVAL KEYNOTE

PLUMBING GENERAL NOTES

#	Note
A	THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DRAWINGS
B	EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE. THE LOCATIONS SHOWN MUST BE CONSIDERED APPROXIMATE. OTHER SUCH WORK MAY EXIST, HOWEVER LOCATION AND SIZE ARE NOT PRESENTLY KNOWN.
C	WHEN EXISTING CONSTRUCTION IS DAMAGED BY WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECTS APPROVAL.
D	DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSE BY WORK OF THIS CONTRACTOR. LEGALLY DISPOSE ALL MATERIALS TO A LOCATION OFF SITE.
E	COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION.
F	ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING.
G	ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE SERVICE PIPING AND CAPPED. VALVE AND CAP ALL WATER PIPING. REMOVE ALL INACTIVE PIPING UNLESS OTHER WISE NOTED.
H	ALL PIPING TO BE REMOVED AND IN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED.
I	PATCH HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. MAINTAIN FIRE SMOKE RATING.
J	DEMOLITION SHALL INCLUDE, BUT NOT LIMITED TO: PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS AND INSULATION, EXCEPT ASBESTOS.
K	REMOVE EXISTING CONSTRUCTION IN THE WAY OF NEW WORK. PROTECT BUILDINGS AND FURNISHINGS FROM DAMAGE.
L	WHERE NEW WORK IS TO BE INSTALLED ABOVE AN EXISTING CEILING, PROVIDE FOR THE REMOVAL OF THE CEILING. UPON COMPLETION OF WORK, REPAIR ALL DAMAGED CEILING SURFACES, REPLACE ALL DAMAGED TILES.
M	SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
N	MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF REQUIRED CLEARANCES.
O	PROVIDED FOR THE DRAINAGE AND REFILLIING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
P	REFER TO EQUIPMENT/FIXTURE SCHEDULE FOR FINAL CONNECTION SIZES.
Q	PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
R	PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS NOTED OTHERWISE. FOR SANITARY AND WASTE PIPING 3" AND SMALLER, PITCH AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.
S	COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE PIPING WITH THE SITE CONTRACTOR. NO ALLOWANCES WILL BE MADE FOR ADDITIONAL COST DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTIONS TO THE SITE UTILITIES.
T	MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3" EXCEPT PIPING SERVING FLOOR DRAINS SHALL BE 4". MINIMUM SIZE OF VENT PIPING BELOW SLAB SHALL BE 2" UNLESS NOTED OTHERWISE.
U	PITCH 4" AND LARGER STORM PIPING AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

Autodesk Docs://Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_MS_PLBG_Central_R24.rvt

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Capital District | Rochester | Buffalo | Syracuse
433 STATE STREET, 4TH FLOOR SCHENECTADY, NY 12305
518.533.2171 www.meengineering.com

M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	MT
Checked By:	MT
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

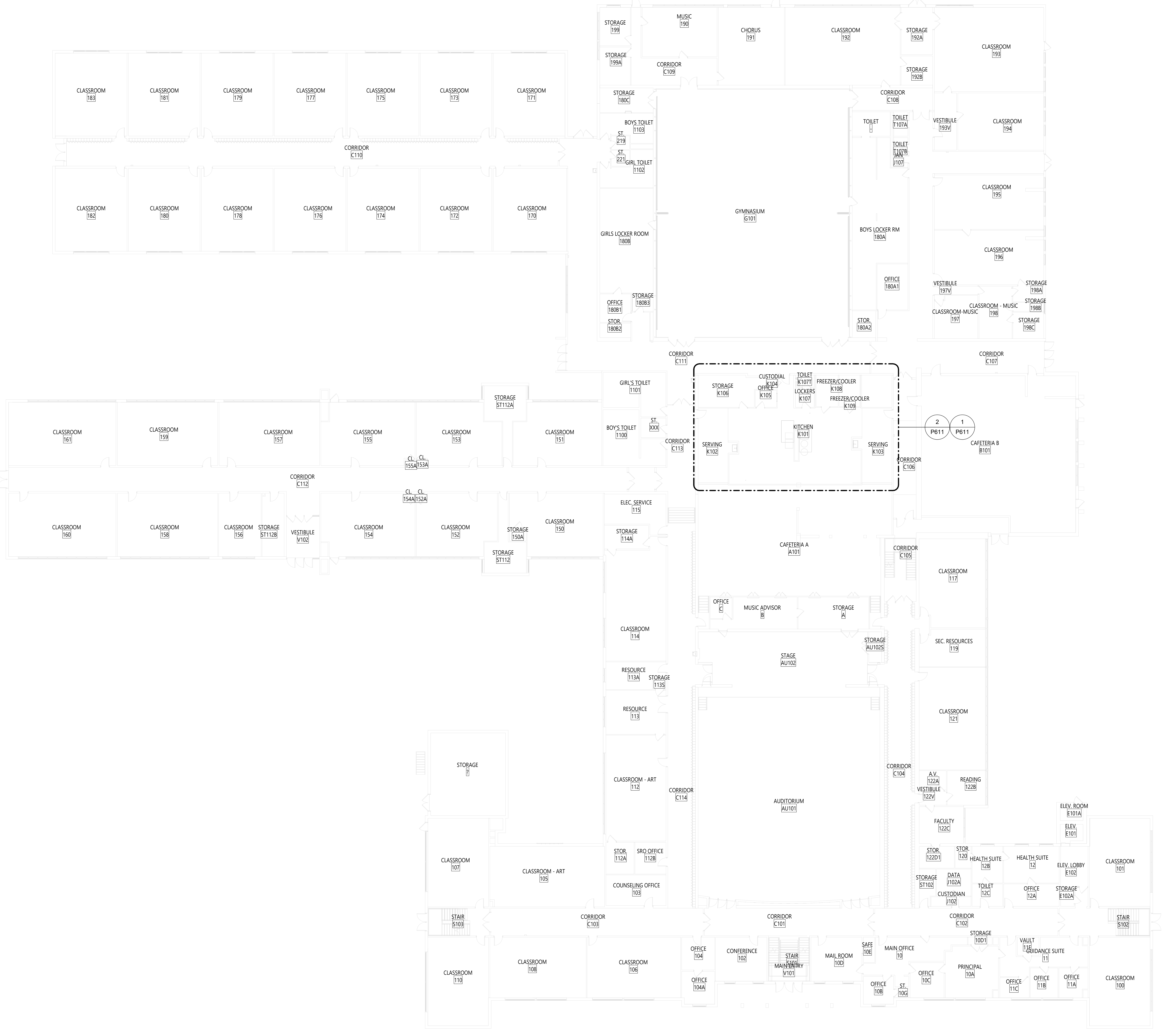
Sheet Title

PLUMBING SYMBOLS AND NOTES

Sheet No.

WMS
P001

CONSTRUCTION DOCUMENTS



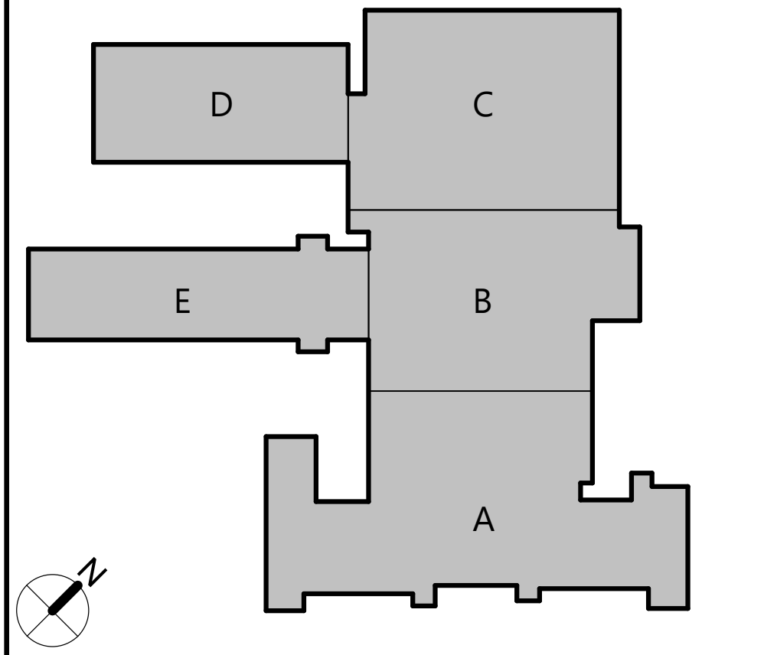
1 FIRST FLOOR PLAN - OVERALL

P111

1/16" = 1'-0"

0' 8' 16' 32'

KEY PLAN



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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

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Sheet Title

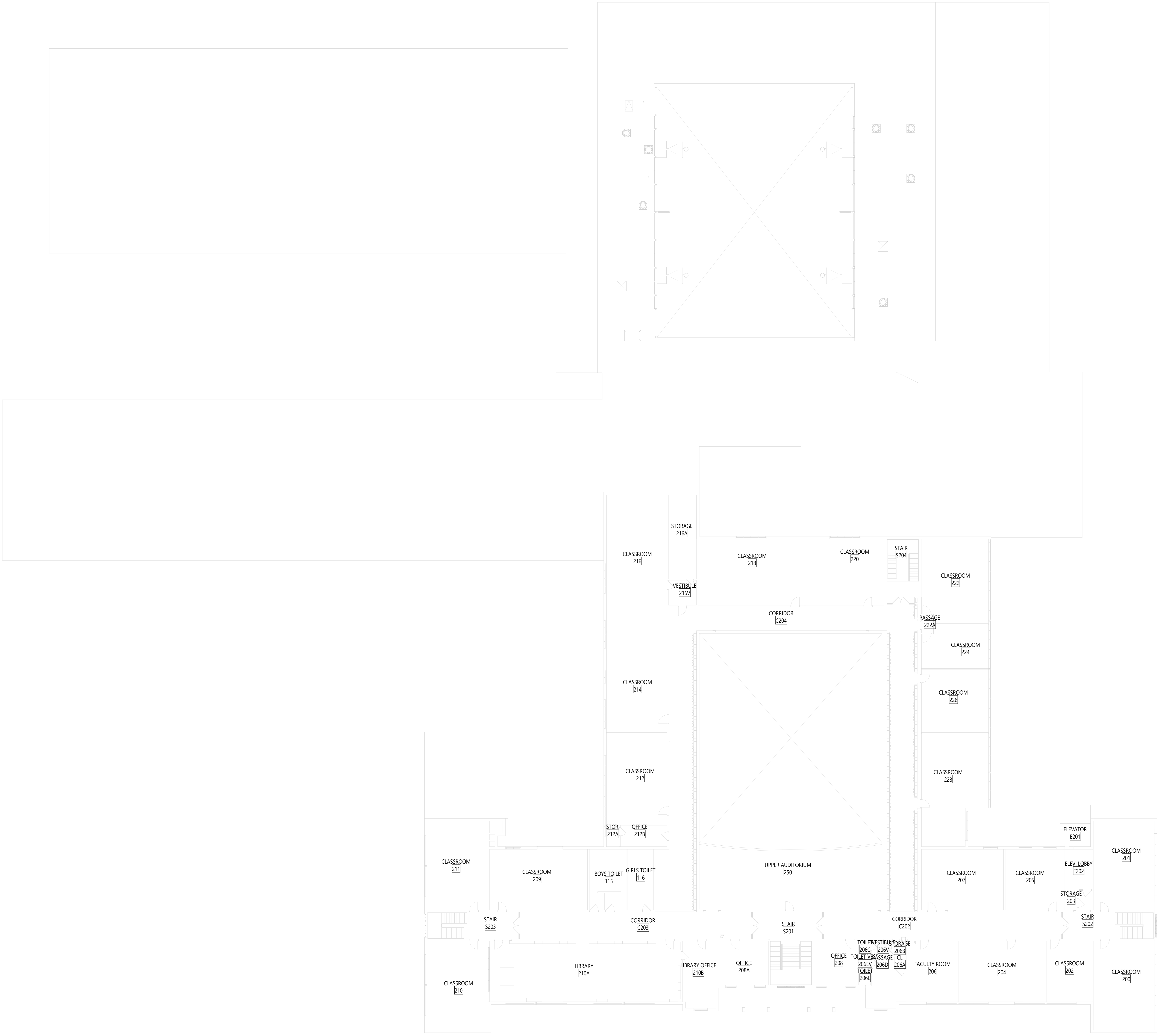
FIRST FLOOR PLAN - OVERALL

Sheet No.

WMS P111

CONSTRUCTION DOCUMENTS

Autodesk Docs://Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_MS_PLBG_Central_R24.rvt



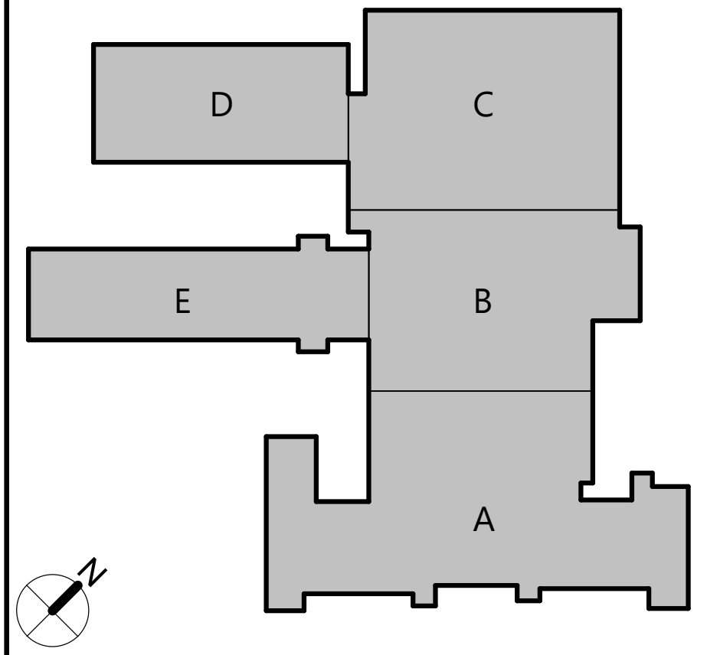
1
P112

SECOND FLOOR PLAN - OVERALL

1/16" = 1'-0"

0' 8' 16' 32'

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	MT
Checked By:	MT
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

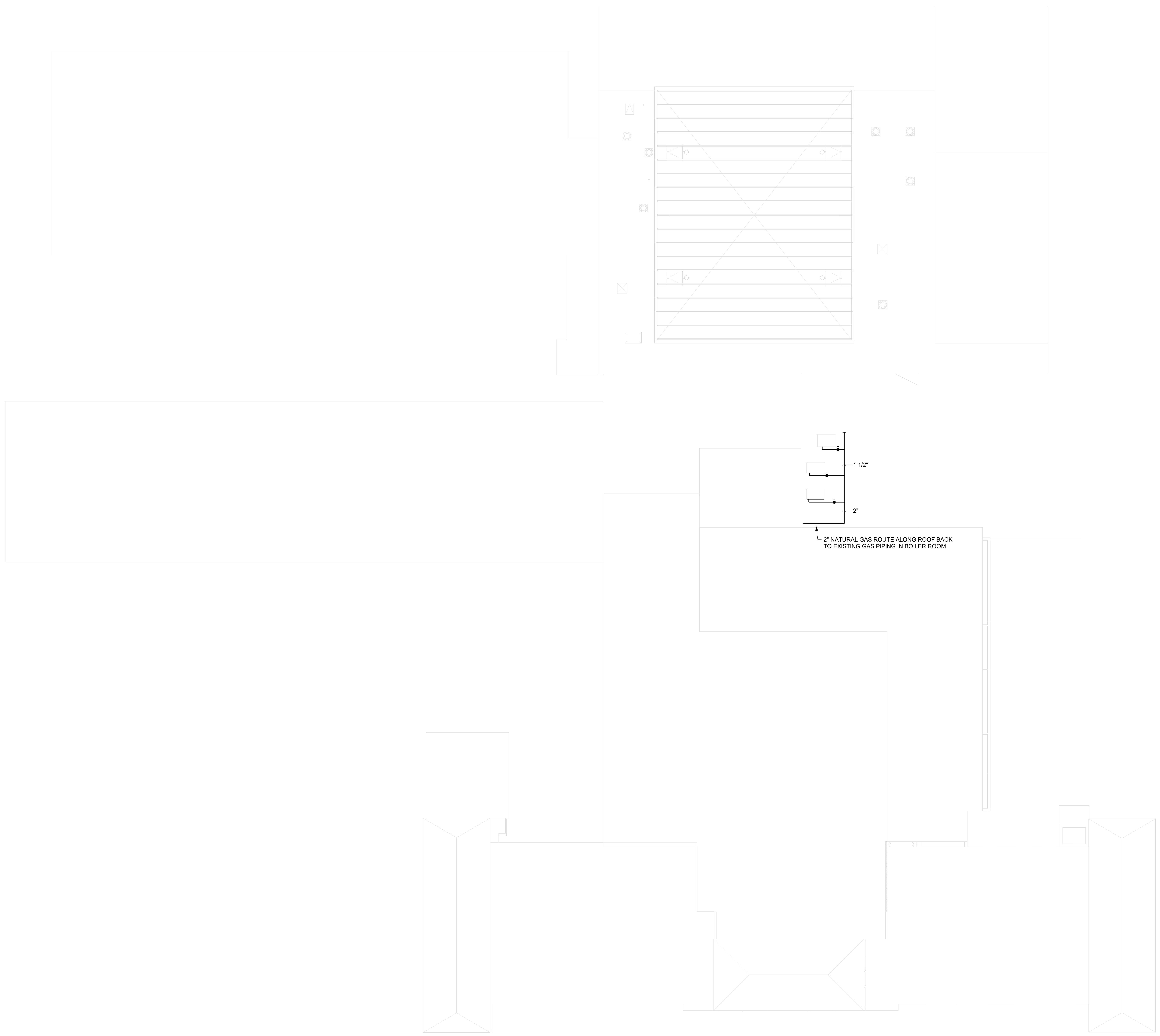
SECOND FLOOR PLAN - OVERALL

Sheet No.

WMS P112

CONSTRUCTION DOCUMENTS

Autodesk Docs://Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_MS_PLBG_Central_R24.rvt

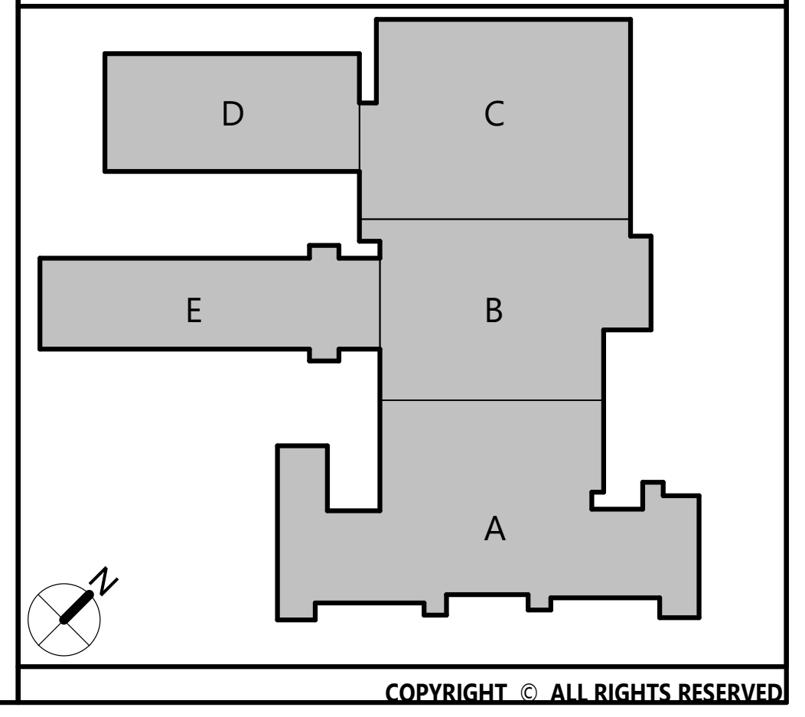


2" NATURAL GAS ROUTE ALONG ROOF BACK
TO EXISTING GAS PIPING IN BOILER ROOM

1 ROOF PLAN - OVERALL

P401
1/16" = 1'-0"

KEY PLAN



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ROOF PLAN -
OVERALL

Sheet No.

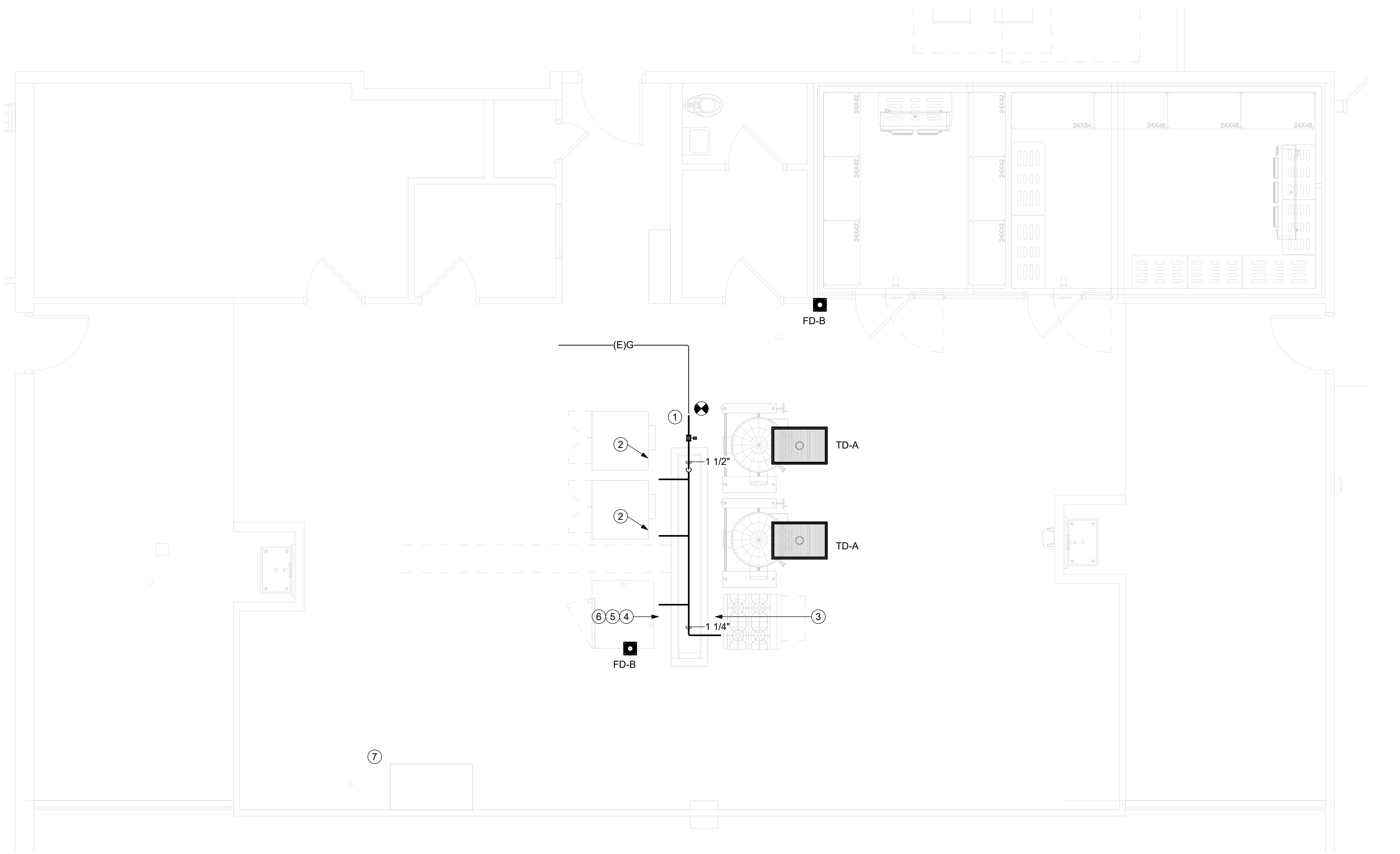
WMS
P401

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_MS_PLBG_Central_R24.rvt

FIXTURE AND EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE OR SANITARY	VENT	REMARKS
TD-A	TROUGH DRAIN	-	-	4"	2"	PACIFIC STAINLESS STAINLESS TEEL FLOOR TROUGH, 2'X3', 4" OUTLET
FD-B	FLOOR DRAIN	-	-	3"	2"	1/2 COVER, FINISHED AREA FLOOR DRAIN, 3" OUTLET, WITH TRAP GUARD. PROVDE COVER FOR INDIRECT DISCHARGE WITH 1/2 COVER OR INDIRECT FUNNEL

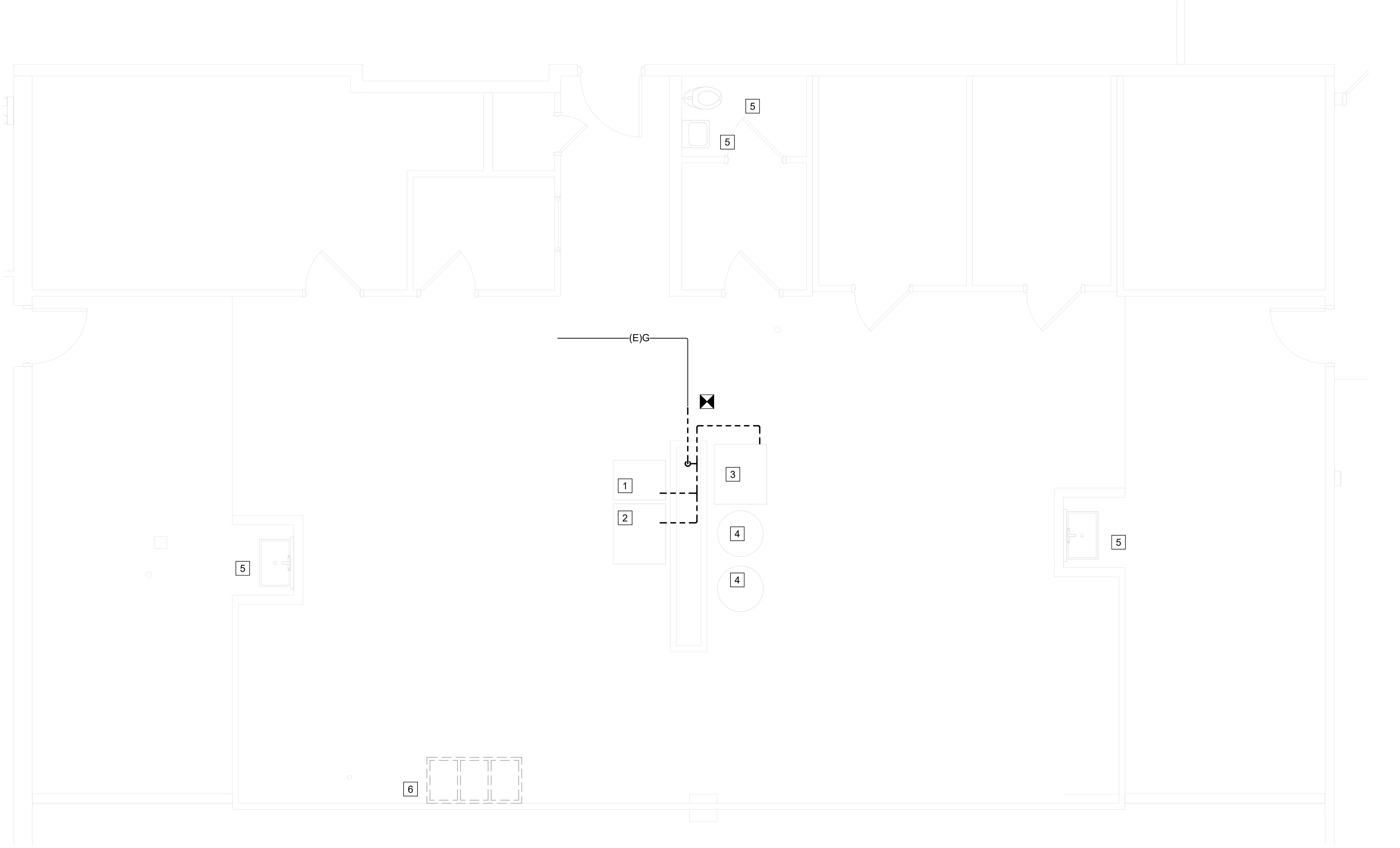


2 ENLARGED KITCHEN PLAN

P611

1/4" = 1'-0"

0' 2' 4' 8'



1 ENLARGED KITCHEN PLAN - DEMOLITION

P611

1/4" = 1'-0"

0' 2' 4' 8'

☒ DRAWING NOTES:

1 1-1/2" NATURAL GAS MAIN FOR KITCHEN EQUIPMENT. PROVIDE SOLENOID VALVE ON SUPPLY MAIN AND COORDINATE SHUT-DOWN WITH FIRE SUPPRESSION ACTIVATION

2 3/4" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO CONVECTION OVEN

4 1/2" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO EACH CONNECTION ON COMBI OVEN. ROUTE DRAIN TUBING FROM EACH COMBI OVEN TO FLOOR DRAIN

5 PROVIDE 3/4" WATER FROM R/O SYSTEM PROVIDED IN CUSTODIAL CLOSET TO EACH CONNECTION ON COMBI OVENS

6 PROVIDE 3/4" UNFILTERED COLD WATER TO EACH CONNECTION ON COMBI OVENS

7 PROVIDE 1/2" HOT AND COLD WATER TO REQUIRED CONNECTION TO NEW DISHWASHER AND INLCUDED BOOSTER HEATER. CONNECT DRAIN TO INLET ON EXISTING GREASE TRAP

☒ DEMOLITION NOTES:

1 REMOVE GAS SUPPLY TO EXISTING RANGE

2 REMOVE GAS SUPPLY TO EXISTING CONVECTION OVEN

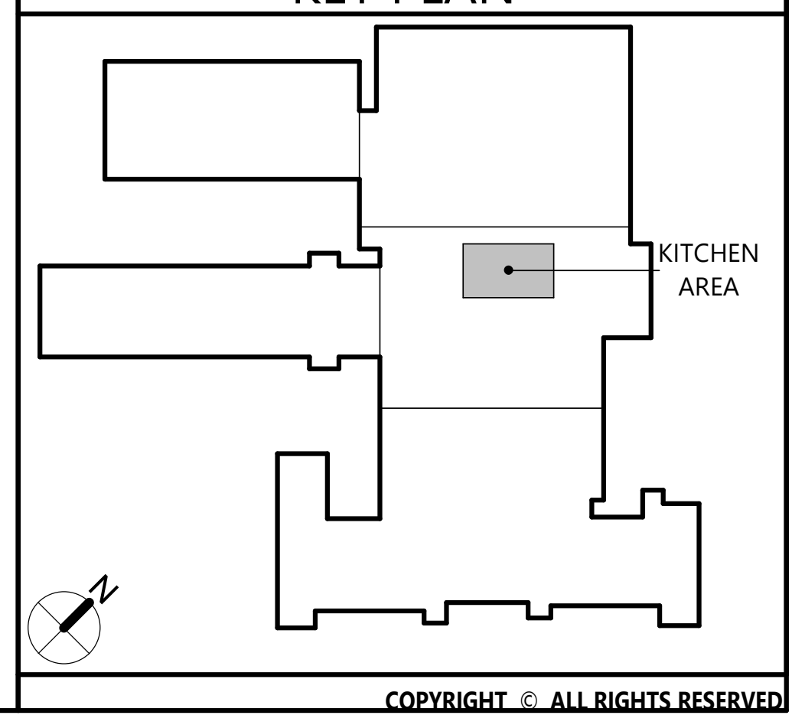
3 REMOVE GAS, WATER AND DRAIN SUPPLY TO EXISTING COMBI OVEN

4 REMOVE WATER AND DRAIN SUPPLY TO EXISTING KETTLE

5 EXISTING PLUMBING FIXTURE TO REMAIN

6 REMOVE WATER AND DRAIN SUPPLY FROM EXISTING 3-BAY SINK. GREASE TRAP AND WASTE TO UNDERSLAB TO REMAIN.

KEY PLAN



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ENLARGED
KITCHEN
PLANS

Sheet No.

WMS
P611

CONSTRUCTION DOCUMENTS

CONTROLS SYMBOL LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
DI	DIGITAL INPUT (GENERAL)	DSD	DUCT SMOKE DETECTOR
DO	DIGITAL OUTPUT (GENERAL)	CT	CURRENT TRANSDUCER
AI	ANALOG INPUT (GENERAL)	I/P	ELECTRIC/PNEUMATIC TRANSDUCER
AO	ANALOG OUTPUT (GENERAL)	I/E	ELECTRONIC/ELECTRIC TRANSDUCER
	THERMOWELL		ELECTRICAL INTERFACE
A	ALARM	S/S	START/STOP
E	ELECTRIC ACTUATOR	O/C	OPEN/CLOSE
FZ	FREEZE-STAT	E/D	ENABLE/DISABLE
H	HUMIDIFIER		HARD WIRE INTERFACE
R	RELAY	I	ELECTRONIC INTERFACE
S	STATUS		PNEUMATIC CONTROL VALVE (3-WAY)
M	FLOW METER		PNEUMATIC CONTROL VALVE (2-WAY)
BTU	BTU ENERGY METER	E	ELECTRIC/ELECTRONIC CONTROL VALVE (3-WAY)
	AIR FLOW MEASURING STATION	E	ELECTRIC/ELECTRONIC CONTROL VALVE (2-WAY)
	AVERAGING SENSOR	S	SOLENOID VALVE
H	HUMIDITY SENSOR (DUCT MOUNTED)		THERMOSTATIC EXPANSION VALVE
S	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		AUTOMATIC AIR DAMPER (PARALLEL BLADE)
CO 2	CARBON DIOXIDE SENSOR (DUCT MOUNTED)		AUTOMATIC AIR DAMPER (OPPOSED BLADE)
S	SPACE TEMPERATURE SENSOR (WALL MOUNTED)		PNEUMATIC ACTUATOR
H	SPACE HUMIDITY SENSOR (WALL MOUNTED)	M	MAIN TEMPERATURE CONTROL AIR SOURCE
C	CARBON DIOXIDE ROOM SENSOR (WALL MOUNTED)	EA	EXHAUST AIR
CO	CARBON MONOXIDE ROOM SENSOR (WALL MOUNTED)	OA	OUTSIDE AIR
N	NITROGEN DIOXIDE ROOM SENSOR (WALL MOUNTED)	RA	RETURN AIR
T	PNEUMATIC THERMOSTAT	SA	SUPPLY AIR
T E	LINE VOLTAGE THERMOSTAT	SF	SUPPLY FAN
OS	OCCUPANCY SENSOR	SC	SMOKE CONTROL FAN
M	MOISTURE SENSOR	RF	RETURN AIR FAN
	PROBE SENSOR	EF	EXHAUST AIR FAN
FS	FLOW SENSOR/SWITCH		FILTER
ES	END SWITCH		BASE MOUNTED PUMP
S M	MANUAL SWITCH		IN LINE PUMP
△P	DIFFERENTIAL STATIC PRESSURE SWITCH	ASD	ADJUSTABLE SPEED DRIVE
△P	DIFFERENTIAL STATIC PRESSURE SENSOR	C/C	COOLING COIL
E/P	ELECTRIC/PNEUMATIC SWITCH OR RELAY	H/C	HEATING COIL
P/E	PNEUMATIC/ELECTRIC SWITCH OR RELAY	HR/C	HEAT RECOVERY COIL
F	FLOW TRANSMITTER TRANSDUCER	R134a	REFRIGERANT R134a SENSOR (WALL MOUNTED)
P	PRESSURE SENSOR		

HVAC SYMBOL LIST

SYMBOL	DESCRIPTION
	EXISTING WORK TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION
X	DRAWING KEYNOTE
X	DEMOLITION KEYNOTE
MBH	THOUSAND BTU/HOUR
NTS	NOT TO SCALE
(E)	EXISTING
(L)	ACOUSTIC THERMAL LINING - 1-1/2" THICK
(2L)	ACOUSTIC THERMAL LINING - 2" THICK
(DBL)	DOUBLE WALL LINED DUCT
FPM	FEET PER MINUTE
CFM	CUBIC FEET PER MINUTE
OBVD	OPPOSED BLADE VOLUME DAMPER
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
W/W	WALL TO WALL
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
	FLEXIBLE DUCTWORK
AxB FO	DUCT SECTION - FLAT OVAL (FO)
12"	ROUND DUCT - IN INCHES
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN
A B	WIDTH A x DEPTH B
	TRANSITION SQUARE TO ROUND
R	RISE IN DUCT - IN DIRECTION OF AIRFLOW
D	DROP IN DUCT - IN DIRECTION OF AIRFLOW
DN 24x12 UP	SUPPLY DUCT TURNING UP OR DOWN
DN 24x12 UP	RETURN DUCT TURNING UP OR DOWN
24x12 6" BOOT TAP 14x8	SUPPLY/RETURN RECTANGULAR MAIN RECTANGULAR BRANCH
24x12 6" BOOT TAP 14"	SUPPLY/RETURN RECTANGULAR MAIN ROUND BRANCH
18" CONICAL TEE 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
18" LATERAL 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
	MITERED ELBOW WITH TURNING VANES
	SUPPLY DIFFUSER, REGISTER OR GRILLE
	RETURN REGISTER
	EXHAUST GRILLE
	FIN TUBE RADIATION
	VALANCE
A B C	REGISTER, GRILLE OR DIFFUSER TAG A = TYPE B = NECK SIZE C = CFM
A B C D	LINEAR DIFFUSER TAG A = TYPE B = NECK SIZE C = DIFFUSER LENGTH D = CFM
FT-A B C D	FIN TUBE RADIATION TAG FT-A = TYPE B = FIN TUBE LENGTH C = ENCLOSURE LENGTH D = GPM
A B C	RADIANT CEILING PANEL TAG A = TYPE B = LENGTH C = GPM
A B C D	VALANCE TAG A = TYPE B = COIL SIZE C = COOLING GPM D = HEATING GPM
	AIR TERMINAL UNIT AND TAG (OPTION 1)
A B C	AIR TERMINAL UNIT TAG (OPTION 2) A = UNIT NO. B = MAXIMUM CFM C = MINIMUM CFM

SYMBOL	DESCRIPTION
A	COMPRESSED AIR
V	VENT
BBD	BOILER BLOW DOWN
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
D	DRAIN
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FOV	FUEL OIL TANK VENT
G	GAS
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
HPWS	HEAT PUMP WATER SUPPLY
HPWR	HEAT PUMP WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LPS	LOW PRESSURE STEAM
LPC	LOW PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HPC	HIGH PRESSURE CONDENSATE
PC	PUMPED CONDENSATE
RD	REFRIGERANT DISCHARGE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HG	HOT GAS
VAC	VACUUM
CW	DOMESTIC COLD WATER
TD	TRIPLE DUTY VALVE
	GLOBE VALVE
	BALL VALVE
	GATE VALVE
	CONTROL VALVE
	THREE WAY CONTROL VALVE
	CHECK VALVE
	BALANCING VALVE
	BUTTERFLY VALVE
	RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
	PRESSURE/TEMPERATURE TEST PLUG
	SINGLE LINE PIPE CONTINUED
	DOUBLE LINE PIPE OR ROUND DUCT CONTINUED
	DOUBLE LINE RECTANGULAR DUCT CONTINUED
	AIR FLOW
	PIPE ANCHOR
	PIPE GUIDE
	EXPANSION COMPENSATOR WITH GUIDES
	PRE-FAB EXPANSION LOOP
	STRAINER
	PRESSURE GAUGE
	THERMOMETER
	UNION
V	AIR VENT
TT	THERMOSTATIC TRAP
FT	FLOAT & THERMOSTATIC TRAP
TD	THERMODYNAMIC TRAP
BT	BUCKET TRAP
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	BOTTOM TAP
AAD	AUTOMATIC AIR DAMPER
FD	FIRE DAMPER
SD	SMOKE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
BDD	BACK DRAFT DAMPER
FC	FLEX CONNECTOR - DUCTWORK
MD	MOTORIZED DAMPER
BG	BLAST GATE
	VOLUME DAMPER
SD	SUCTION DIFFUSER
	FLEXIBLE CONNECTOR - PIPING
	DRAIN VALVE WITH HOSE CONNECTION, CAP AND CHAIN
FS	WATER FLOW SENSOR
TS	WATER TEMPERATURE SENSOR
SP	STATIC PRESSURE SENSOR
H	HUMIDISTAT
S	TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
CO	CARBON MONOXIDE SENSOR
N	NITROGEN DIOXIDE SENSOR
G	GAS SENSOR
T T E	PNEUMATIC/ELECTRIC THERMOSTAT
T G S G	THERMOSTAT/SENSOR WITH GUARD
DSD	DUCT SMOKE DETECTOR
OED	OPEN ENDED DUCT

GENERAL NOTES

(APPLIES TO ALL SHEETS)

A. ALL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL RISES, DROPS, OFFSETS, AND/OR ROUTING TO AVOID OBSTRUCTIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK AND ANY ADDITIONAL MATERIAL QUANTITIES REQUIRED BASED ON FIELD CONDITIONS. REFER TO ARCHITECTURAL/STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF BUILDING STRUCTURAL ELEMENTS.

B. THE EXTENT OF REMOVALS AND EXISTING CONDITIONS INDICATED IS BASED ON INFORMATION PROVIDED BY THE OWNER, SITE DOCUMENTS AVAILABLE AT TIME OF DESIGN, AND FIELD OBSERVATIONS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID . ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE INDICATED WITHIN THESE DRAWINGS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, OWNER'S REPRESENTATIVE, AND ENGINEER IN WRITING AS SOON AS DISCREPANCIES ARE DISCOVERED.

C. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROTECTED DURING REMOVAL AND NEW WORK CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PATCH AND/OR REPAIR (SUBSTRATE AND FINISHED SURFACES) ANY BUILDING ELEMENTS AFFECTED BY THEIR RESPECTIVE WORK. ANY EXISTING BUILDING SYSTEMS (EQUIPMENT, DUCTWORK, PIPING, CONTROLS, ACCESSORIES, ETC.) WHICH ARE DAMAGED SHALL BE REPAIRED AND/OR REPLACED WITH LIKE MATERIALS AT NO ADDITIONAL COST TO THE OWNER.

D. ALL TAGGING OF EQUIPMENT WITHIN THIS DRAWING SET SHALL BE USED FOR THE PURPOSE OF IDENTIFYING EQUIPMENT AND ELEMENTS WITHIN THESE DOCUMENTS. COORDINATE WITH THE SITE FACILITIES STAFF AND FOLLOW ANY EXISTING SITE LABELLING NOMENCLATURE FOR EQUIPMENT IDENTIFICATION. THOSE SHALL BE USED FOR THE FINAL PHYSICAL TAGGING OF EQUIPMENT IN CONSTRUCTION. PROVIDE A SCHEDULE FOR ALL EQUIPMENT WITHIN THE SCOPE OF WORK WITH BOTH THE DESIGN TAG AS SHOWN WITHIN THESE PLANS, AND THE TAG TO BE USED IN CONSTRUCTION TO THE ENGINEER AND ARCHITECT FOR REVIEW.

E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL SHUTDOWNS OF EFFECTED SYSTEMS, AND/OR INTERRUPTION OF UTILITIES SERVICE WITH THE OWNER'S REPRESENTATIVE AND GC FOR REMOVALS WORK AND NEW TIE INS AS NECESSARY. SHUTDOWNS SHALL NOT DISRUPT NORMAL SCHOOL OPERATIONS. ANY REQUIRED SHUTDOWNS SHALL BE MITIGATED BY THE CONTRACTOR THROUGH TEMPORARY SYSTEMS TO MAINTAIN UNINTERUPTED SCHOOL ACTIVITIES.

F. THE REMOVALS DRAWINGS SHOW GENERAL REMOVALS SCOPE. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS DUCT, DUCT ACCESSORIES, SUPPORTS, HANGERS, RACKS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, ETC. TO BE DISCONNECTED AND REMOVED BUT IS THE REQUIREMENT UNDER THIS CONTRACT TO REMOVE ALL SUCH MISCELLANEOUS ITEMS.

G. ANY CONTRACTOR REMOVING OR MODIFYING EQUIPMENT OR MATERIALS SUSPECTED TO BE CONTAINING, OR COVERED IN ASBESTOS SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY AND STOP REMOVAL. REFER TO HAZARDOUS MATERIAL TEST REPORTS AND DRAWINGS, IF APPLICABLE.

H. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF ALL REMOVALS DEBRIS AND MATERIALS OFF SITE IN A PROPER LEGAL MANNER.

I. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW THE OWNER FIRST RIGHT OF REFUSAL TO RETAIN ANY EQUIPMENT OR CONTROL DEVICES TO BE REMOVED. IF THE OWNER REFUSES TO RETAIN THE EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EQUIPMENT AND DISPOSE OF PROPERLY AS NOTED ABOVE. IF THE OWNER DESIRES TO RETAIN THE EQUIPMENT, THE CONTRACTOR SHALL REMOVE THE EQUIPMENT FROM THE EXISTING SYSTEMS IN GOOD WORKING CONDITION AND DELIVER (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS OF THE EQUIPMENT.

J. IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL RESULTING PENETRATIONS THROUGH FLOORS AND WALLS AFTER REMOVALS TO MATCH SURROUNDING CONDITIONS. ANY RESULTING PENETRATIONS WITHIN FIRE-RATED CONSTRUCTION AS PART OF THIS CONTRACT SHALL BE PACKED WITH APPROVED FIRE-RATED PACKING. FINAL PATCHING AND PACKING SHALL BE PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS.

K. ANY NEW PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE COORDINATED WITH THE GC . ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE/SMOKE STOPPED PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS. ALL PENETRATIONS THROUGH NON-RATED WALLS SHALL BE SEALED WITH A NON-HARDENING SEALANT ON BOTH SIDES OF WALL PENETRATION TO REDUCE NOISE TRANSMISSION.

L. REFER TO MECHANICAL DETAILS SHEET(S) WHETHER THEY ARE SPECIFICALLY REFERENCED ON PLANS OR NOT.

M. INSTALL ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S RECOMMENDATIONS. MECHANICAL SYSTEMS INSTALLATIONS SHALL MEET ALL APPLICABLE STATE AND LOCAL CODES.

N. COORDINATE ALL EQUIPMENT LOCATIONS, CONCEALMENT, AND SURFACE FINISH TREATMENTS CAREFULLY WITH WORK OF ALL TRADES. IN ANY CASE OF DISCREPANCY BETWEEN THE PLANS, OR IN ANY CASE WHERE SUCH ISSUES REQUIRE CLARIFICATION, NOTIFY THE DESIGN TEAM IN WRITING.

O. ALL INSTALLATIONS SHALL MAINTAIN SERVICE ACCESS AND COIL PULL CLEARANCES AS REQUIRED BY MANUFACTURER'S RECOMMENDATIONS FOR ALL NEW EQUIPMENT AND ADJACENT EXISTING EQUIPMENT. CONFIRM LOCATIONS AND SERVICEABILITY PRIOR TO EQUIPMENT/MATERIAL ORDER.

P. FOR ELECTRICAL POWER CONNECTION REMOVALS, REFER TO THE ELECTRICAL REMOVALS DRAWINGS AND COORDINATE WITH THE EC.

Q. VERIFY THAT ALL FURNISHED EQUIPMENT UNDER THIS CONTRACT MATCHES AVAILABLE FIELD VOLTAGE. COORDINATE WITH THE EC FOR REQUIREMENTS PRIOR TO EQUIPMENT ORDER.

R. COORDINATE DUCTWORK INSTALLATIONS WITH WORK OF OTHER TRADES TO ENSURE ALL DUCTWORKIS CONCEALED AND IS LOCATED TO ALLOW INSTALLATION AND SERVICE CLEARANCE FOR LIGHT FIXTURES, PIPING ACCESSORIES, AND OTHER TRADE ELEMENTS.

S. ALL DUCTWORKSIZES INDICATED ARE MINIMUM SIZES. LARGER SIZES MAY BE INSTALLED BY THE CONTRACTOR IN ALL CASES UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR SHALL INFORM DESIGN TEAM OF ANY AND ALL SIZE/ASPECT RATIO CHANGES IN WRITING ALONG WITH THE SHOP DRAWINGS SUBMITTED FOR FINAL ENGINEERING APPROVAL.

T. TEMPERATURE CONTROL EQUIPMENT, ACCESSORIES, WIRING, AND/OR CONDUIT THAT WILL NO LONGER BE UTILIZED FOR THE OPERATION OF THE BUILDING SYSTEMS SHALL BE REMOVED. NO EQUIPMENT, ACCESSORIES, WIRING, OR CONDUIT SHALL BE ABANDONED IN PLACE.

U. BEFORE DISCONNECTING POWER AND/OR COMMUNICATIONS OF DDC HARDWARE IN THE FIELD, ALL DDC DEVICES TO BE REMOVED SHALL BE CLEARED OF ALARMS, GRAPHICS, TRENDS, UNBUNDLED POINTS, PROGRAMS, USER GROUPS, EVENT/SCHEDULES, REPORTS, SYSTEM PROFILES, ETC.

V. THERMOSTATS AND SPACE SENSORS ARE TO BE LOCATED AS SHOWN ON PLANS. MOUNT AT HEIGHT SUCH THAT THE TOP OF COVER IS 48" ABOVE FINISHED FLOOR. IF SITE CONDITIONS REQUIRE, OR THE OWNER OR ARCHITECT SPECIFICALLY REQUESTS A DIFFERENT LOCATION, IT SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN WRITING FOR REVIEW.

W. ALL SQUARE ELBOWS SHALL BE VANED, EXCEPT AS INDICATED ON PLANS.

X. PROVIDE MANUAL VOLUME DAMPERS FOR ALL DUCT BRANCHES SERVING SUPPLY AIR DIFFUSERS/GRILLES, RETURN AIR GRILLES, AND EXHAUST AIR GRILLES NOT PROVIDED WITH OPPOSED BLADE BALANCING DAMPERS.

Y. ALL MANUAL VOLUME DAMPERS LOCATED WITHIN INSULATED DUCTWORK SHALL BE INSTALLED WITH A SHAFT EXTENSION THAT EXCEEDS THE THICKNESS OF ASSOCIATED DUCT INSULATION.

Z. COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH LIGHTING, FIRE DETECTION, SPRINKLER, AND CEILING INSTALLERS. COORDINATE EXACT DIFFUSER AND GRILLE LOCATIONS TO MATCH ARCHITECTURAL REQUIREMENTS FOR CEILING SPACING AND CENTERING AS APPLICABLE.

AA. DO NOT SCALE DRAWINGS.

PACKAGED ROOFTOP MAKEUP AIR UNIT SCHEDULE - NATURAL GAS

UNIT NO.	LOCATION	SERVICE	SUPPLY FAN										GAS FURNACE						FINAL FILTER		UNIT ELEC. CHARACTERISTICS					WT (LBS)	MANUFACTURER & MODEL No.	REMARKS
			AIR FLOW (CFM)	MIN O.A. (CFM)	EXT. STATIC (In. WC)	TOTAL STATIC (In. WC)	FAN CHARACTERISTICS						AIR SIDE		GAS			EFFICIENCY	WIDTH (In.)	MERV RATING	VOLTS	PHASE	FLA	MCA	MOP			
							TYPE	FAN NO.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	ENT. AIR TEMP (DEG. F)	LVG. AIR TEMP (DEG. F)	INPUT CAP. (BTUH)	OUTPUT CAP. (BTUH)	CAPACITY CONTROL (TURN DOWN RATIO)	MIN (%)										
MAU-MS-1	ROOF	MS KITCHEN HOOD 100	2800	2800	0.75	1.061	PLENUM	1	1.2930	2	1459	DIRECT	-5	70	322,021	260,837	6:1	81.00	2	8	208	3	6.1	11.2	15	1588	CAPTIVEAIRE CAS-HVAC2-I.440-18	1,2,3
MAU-MS-2	ROOF	MS KITCHEN HOOD 101	1550	1550	0.75	0.879	PLENUM	1	0.5780	1	1134	DIRECT	-5	70	178,262	144,392	6:1	81.00	2	8	208	3	3.8	8.3	15	959	CAPTIVEAIRE CAS-HVAC1-I.200-15	1,2,3
MAU-MS-3	ROOF	MS KITCHEN HOOD 102	1000	1000	0.75	0.803	PLENUM	1	0.46	1	1287	DIRECT	-5	70	115,007	93,156	6:1	81.00	2	8	208	3	3.1	7.4	15	916	CAPTIVEAIRE CAS-HVAC1-I.125-13	1,2,3

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS
2. PROVIDE NON-FUSED DISCONNECT SWITCH WITH UNIT.
3. PROVIDE FACTORY MOUNTED AND WIRED VFD SPEED CONTROLLER INTEGRAL TO THE UNIT.

FAN SCHEDULE

UNIT NO.	LOCATION	SERVICE	FAN CHARACTERISTICS										MOTOR CHARACTERISTICS						MANUFACTURER & MODEL NO.	REMARKS
			TYPE	BLADE TYPE	CFM	S.P. (In. WC)	MAX. BHP	FAN RPM	MAX. TIP SPEED (FPM)	MAX. OUTLET VELOCITY (FPM)	SONES	DRIVE	RPM	HP	VOLTS	HZ	PHASE	STARTER		
KEF-MS-1	ROOF	MS KITCHEN HOOD 100	UPBLAST	BI	3500	1.0	1.476	1277	6268	808	20.7	DIRECT	1440	2	208	60	3	SEE REMARK 4	CAPTIVEAIRE DU180HFA	1,2,3,4,5
KEF-MS-2	ROOF	MS KITCHEN HOOD 101	UPBLAST	BI	1938	1.0	0.509	1417	5843	613	13.4	DIRECT	1610	0.75	208	60	3	SEE REMARK 4	CAPTIVEAIRE DU85HFA	1,2,3,4,5
KEF-MS-3	ROOF	MS KITCHEN HOOD 102	UPBLAST	BI	1250	1.0	0.318	1211	4993	396	9.1	DIRECT	1610	0.75	208	60	3	SEE REMARK 4	CAPTIVEAIRE DU85HFA	1,2,3,4,5

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE FACTORY WIRED DISCONNECT SWITCH.
3. PROVIDE VIBRATION ISOLATION PER SPECIFICATIONS.
4. PROVIDE FACTORY MOUNTED AND WIRED VFD SPEED CONTROLLER INTEGRAL TO THE FAN.
5. PROVIDE GREASE CUP, GASKETING KIT, VAV WIRING PACKAGE FOR COMMERCIAL FANS, VFD MOUNTING BRACKET, AND INSULATED HEAT BAFFLE.

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M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

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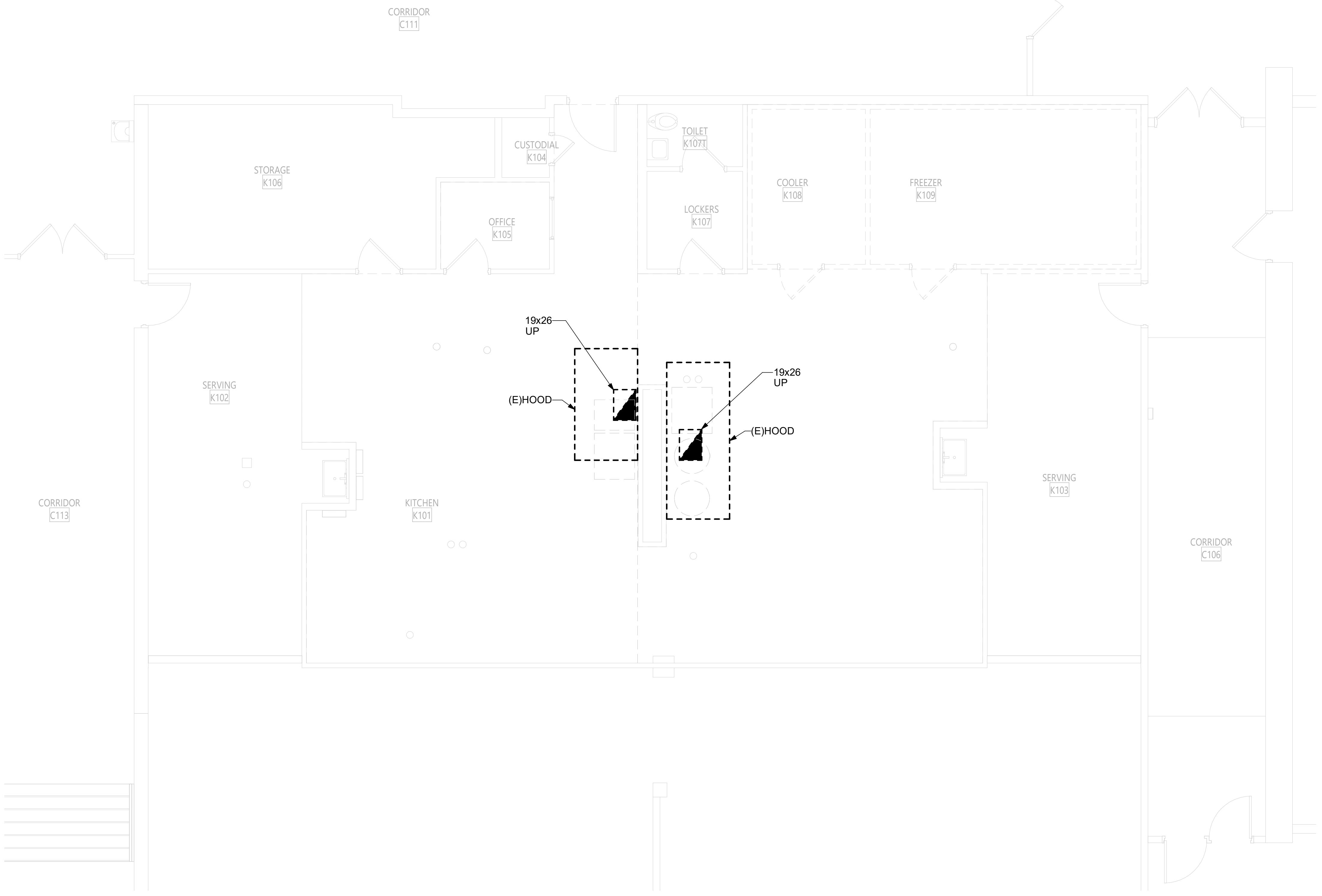
Sheet Title

MECHANICAL SYMBOLS LIST, GENERAL NOTES AND SCHEDULES

Sheet No.

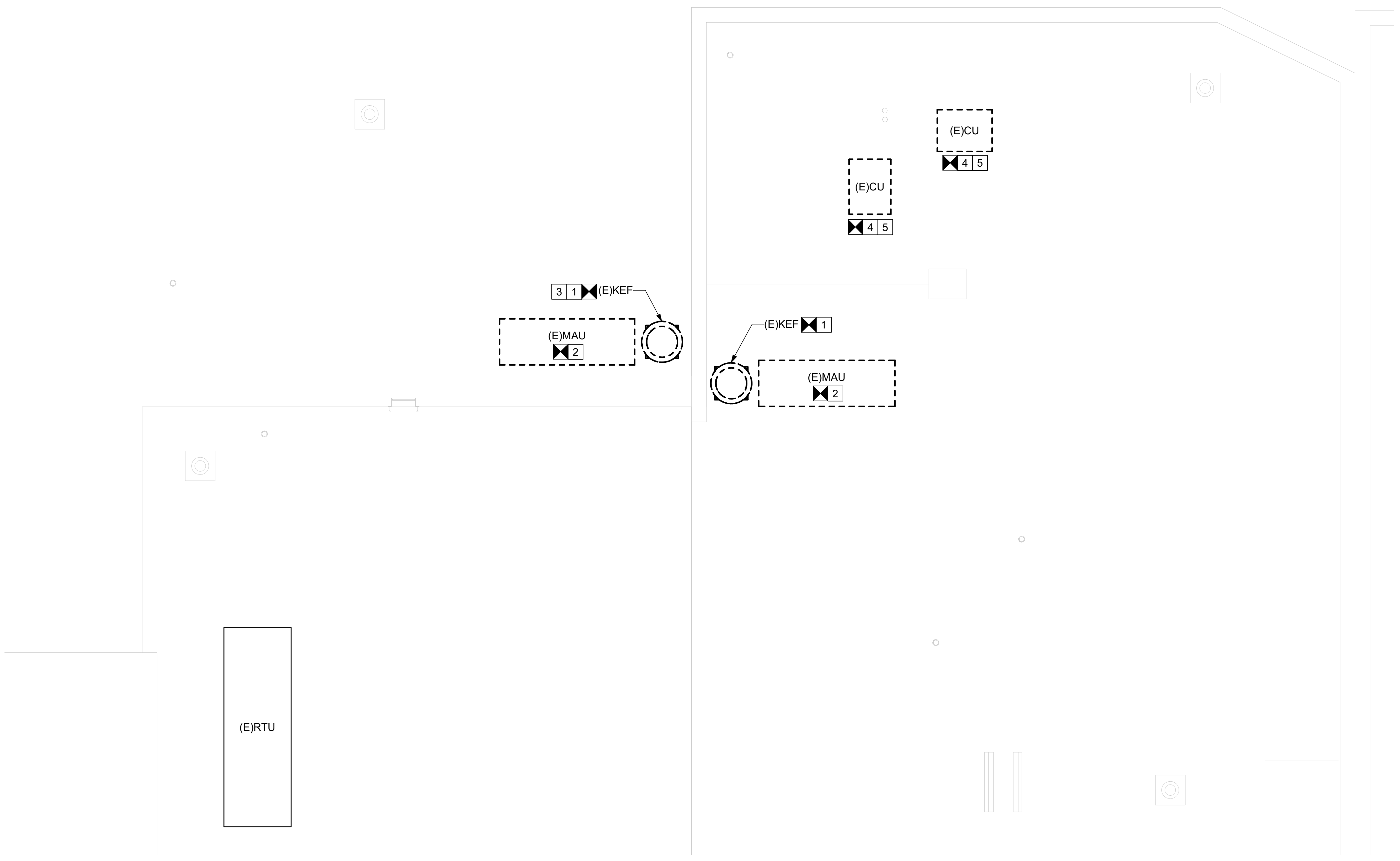
WMS M001

CONSTRUCTION DOCUMENTS



1 KITCHEN MECHANICAL REMOVALS PLAN
MD100 3/16" = 1'-0"

0' 4' 8' 12'



2 ROOF MECHANICAL REMOVALS PLAN
MD100 3/16" = 1'-0"

0' 4' 8' 12'

☒ DEMOLITION NOTES:

1 DISCONNECT AND REMOVE EXISTING KITCHEN EXHAUST FAN SYSTEM IN ITS ENTIRETY. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE FAN, DUCTWORK, HANGERS, CONTROLS, CONTROL WIRING, AND ALL OTHER ASSOCIATED APPURTENANCES.

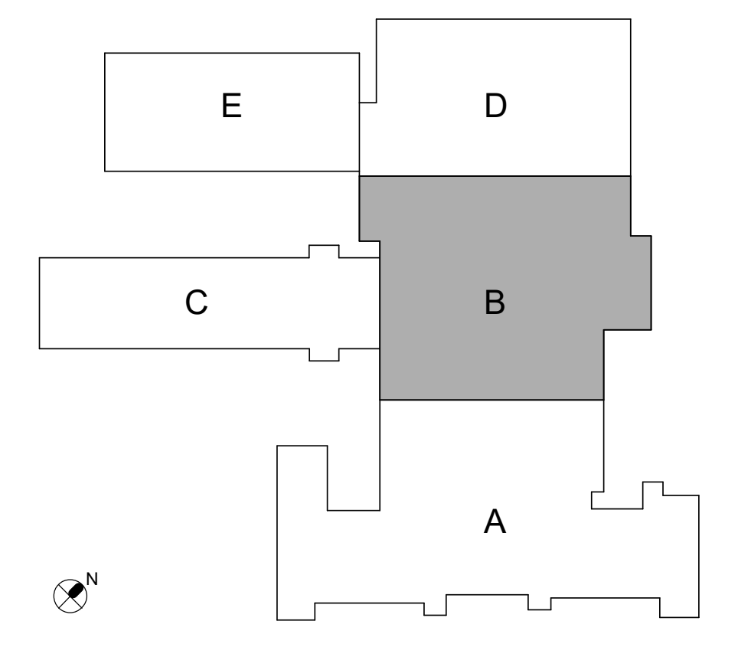
2 DISCONNECT AND REMOVE EXISTING MAKE-UP AIR SYSTEM IN ITS ENTIRETY. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE MAKE-UP AIR UNIT, DUCTWORK, HANGERS, CONTROLS, CONTROL WIRING, AND ALL OTHER ASSOCIATED APPURTENANCES.

3 PREPARE EXISTING CURB FOR CONNECTION TO NEW KITCHEN EXHAUST FAN AND CURB ADAPTER DURING THE NEW WORK PHASE.

4 DISCONNECT AND REMOVE EXISTING WALK-IN FREEZER/COOLER CONDENSING UNIT. REMOVAL SHALL INCLUDE THE UNIT, REFRIGERANT PIPING, AND EQUIPMENT SUPPORTS.

5 ALL REFRIGERANT LINES ASSOCIATED WITH THE WALK-IN FREEZER/COOLER CONDENSING UNITS SHALL BE REMOVED IN THEIR ENTIRETY. RECLAIM REFRIGERANT PRIOR TO PIPING REMOVAL AND DISPOSE OF IN ALIGNMENT WITH LOCAL CODES AND REGULATIONS.

KEY PLAN



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KITCHEN
MECHANICAL
REMOVALS
PLAN

Sheet No.

WMS
MD100

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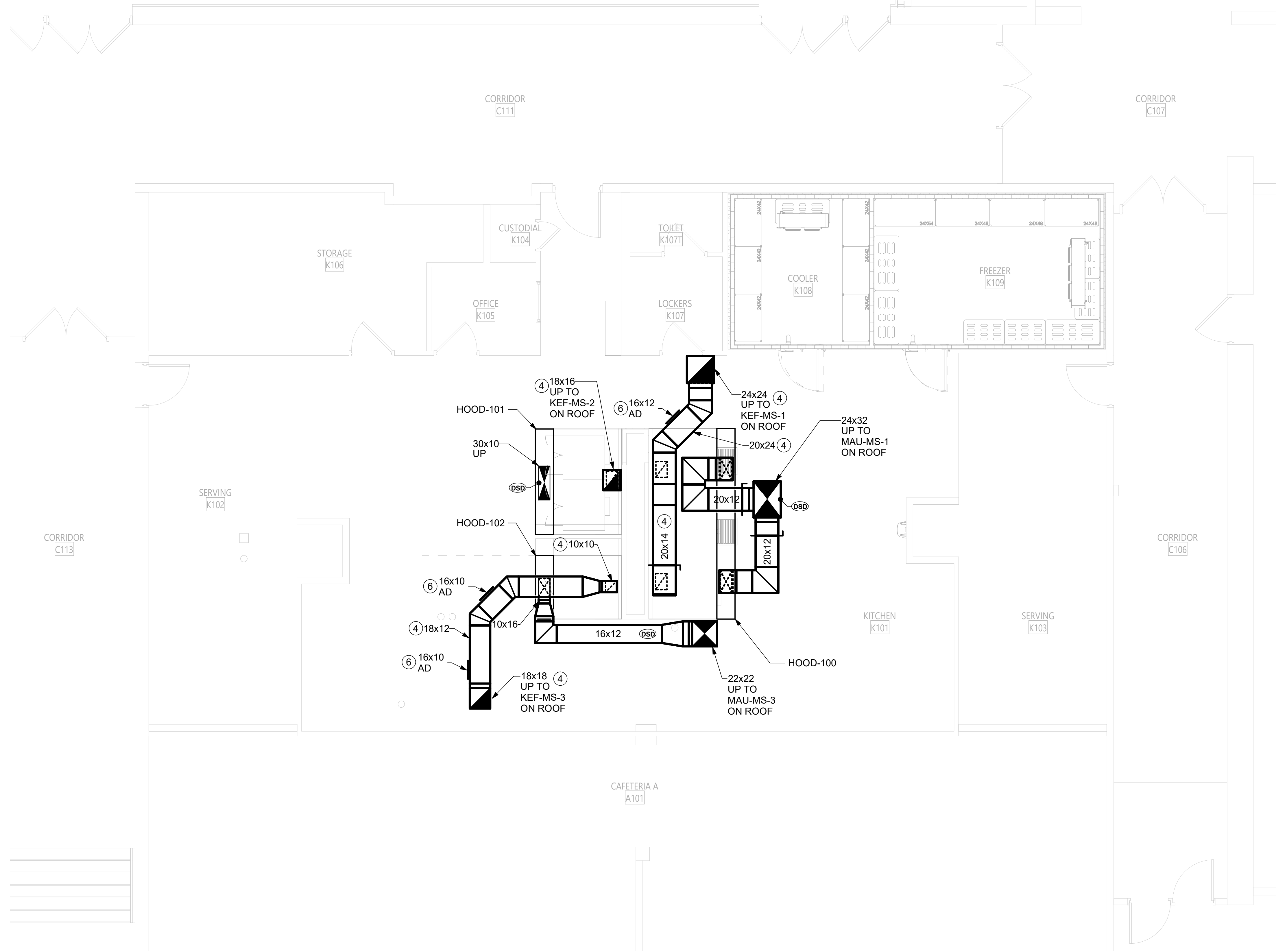
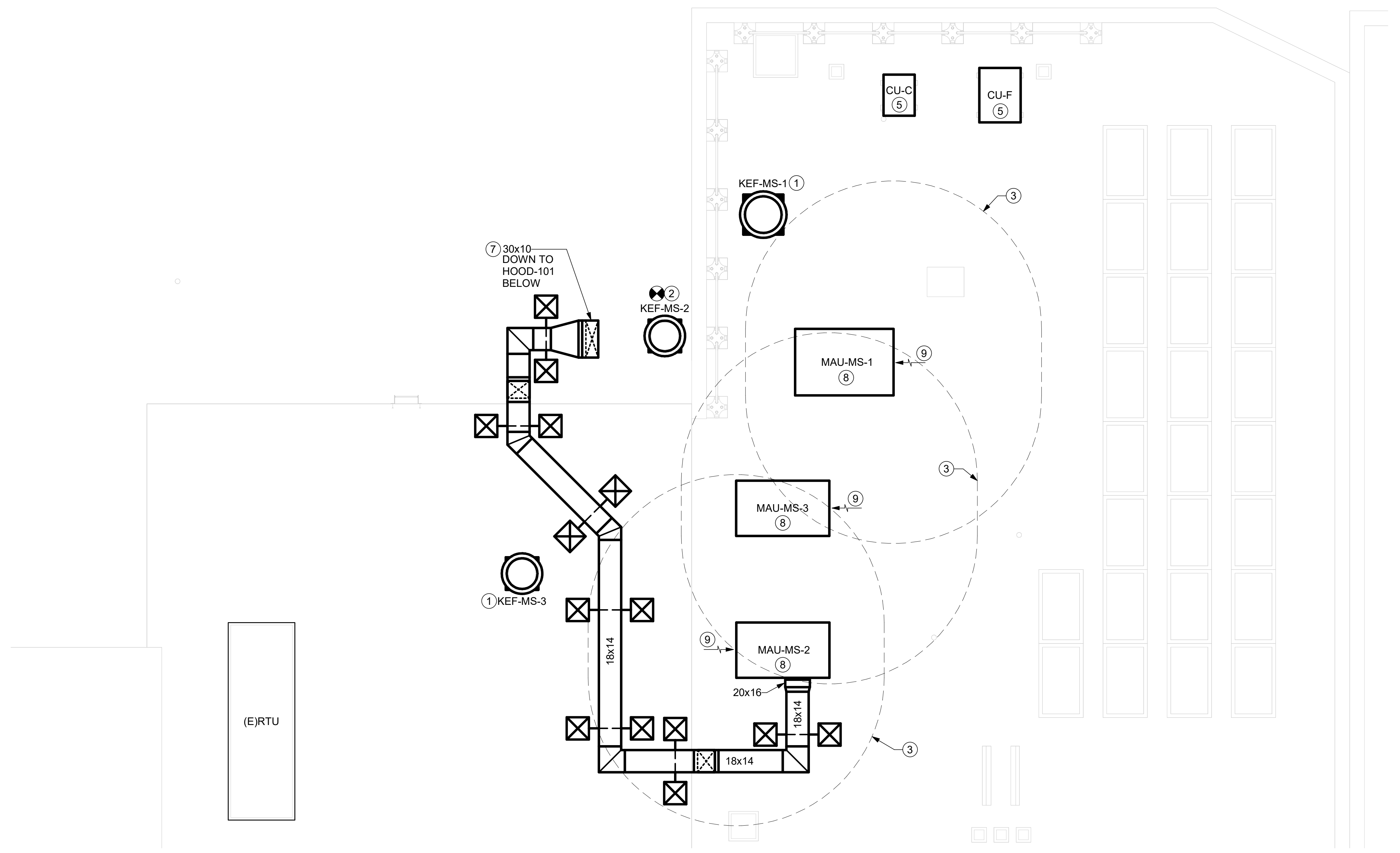


1 KITCHEN MECHANICAL PLAN
M100 3/16" = 1'-0"



2 ROOF MECHANICAL PLAN
M100 3/16" = 1'-0"

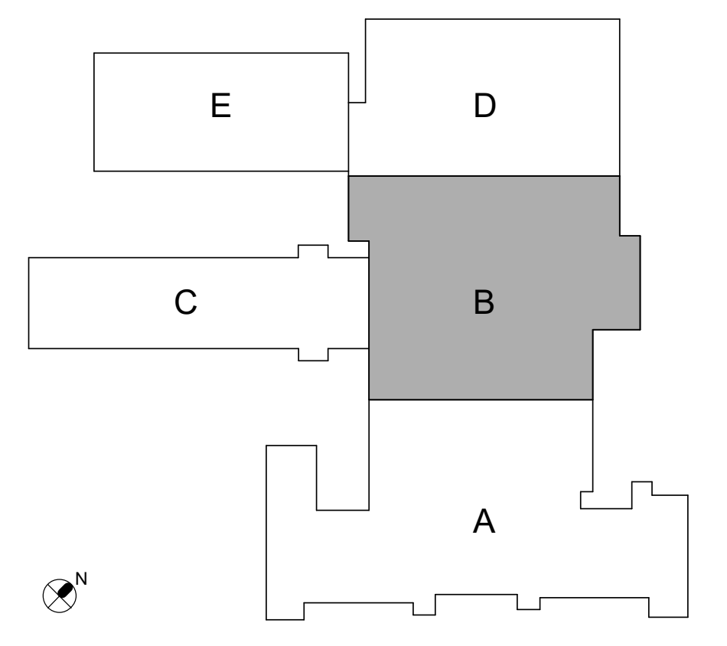
GENERAL NOTES

A. DISCONNECT AND CLEAN ALL EXISTING GRILLES AND DIFFUSERS AS PART OF THE ARCHITECTURAL CEILING REPLACEMENT IN THIS AREA. REFER TO ARCHITECTURAL DRAWINGS TO IDENTIFY ALL AFFECTED AREAS. REINSTALL ALL EXISTING GRILLES AND DIFFUSERS IN THE NEW CEILING GRID AND RECONNECT TO THE EXISTING HVAC SYSTEMS AFTER ALL CLEANING HAS BEEN COMPLETED. REMOVAL AND REPLACEMENT SHALL NOT IMPACT ANY VOLUME BALANCING DEVICES.

Ⓧ DRAWING NOTES:

1 NEW FAN TO BE MOUNTED ON NEW ROOF CURB. SEE DETAILS AND SPECIFICATIONS.
2 NEW FAN TO BE MOUNTED ON EXISTING ROOF CURB WITH CURB ADAPTER.
3 OUTSIDE AIR CLEARANCE ZONE. NO EXHAUST OR PLUMBING VENT OUTLETS SHALL BE WITHIN 10' OF MAU AIR INTAKE. COORDINATE WITH PC.
4 KITCHEN HOOD EXHAUST DUCTWORK SHALL BE 16 GAUGE BLACK STEEL, PROVIDE TWO (2) LAYERS OF FYRE WRAP INSULATION. REFER TO SPECIFICATION 230710-00 FOR MORE INFORMATION.
5 THE CONDENSING UNIT LOCATION SHOWN IS FOR COORDINATION PURPOSES ONLY. SEE FOOD SERVICE DRAWINGS FOR UNIT SPECIFICATIONS.
6 PROVIDE GREASE DUCT COMPATIBLE ACCESS DOOR (AD) ON THE SIDE OF THE GREASE DUCT, AT THE INDICATED LOCATION.
7 DUCT PENETRATION SHALL LINE UP WITH THE HOOD-2 MAKEUP AIR CONNECTION BELOW AND BE ROUTED BETWEEN THE EXISTING STRUCTURE DUE TO MINIMAL ABOVE CEILING SPACE.
8 MAU TO BE MOUNTED ON ROOF CURB.
9 MAU AIR INTAKE LOCATION.

KEY PLAN



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PLAN

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WMS
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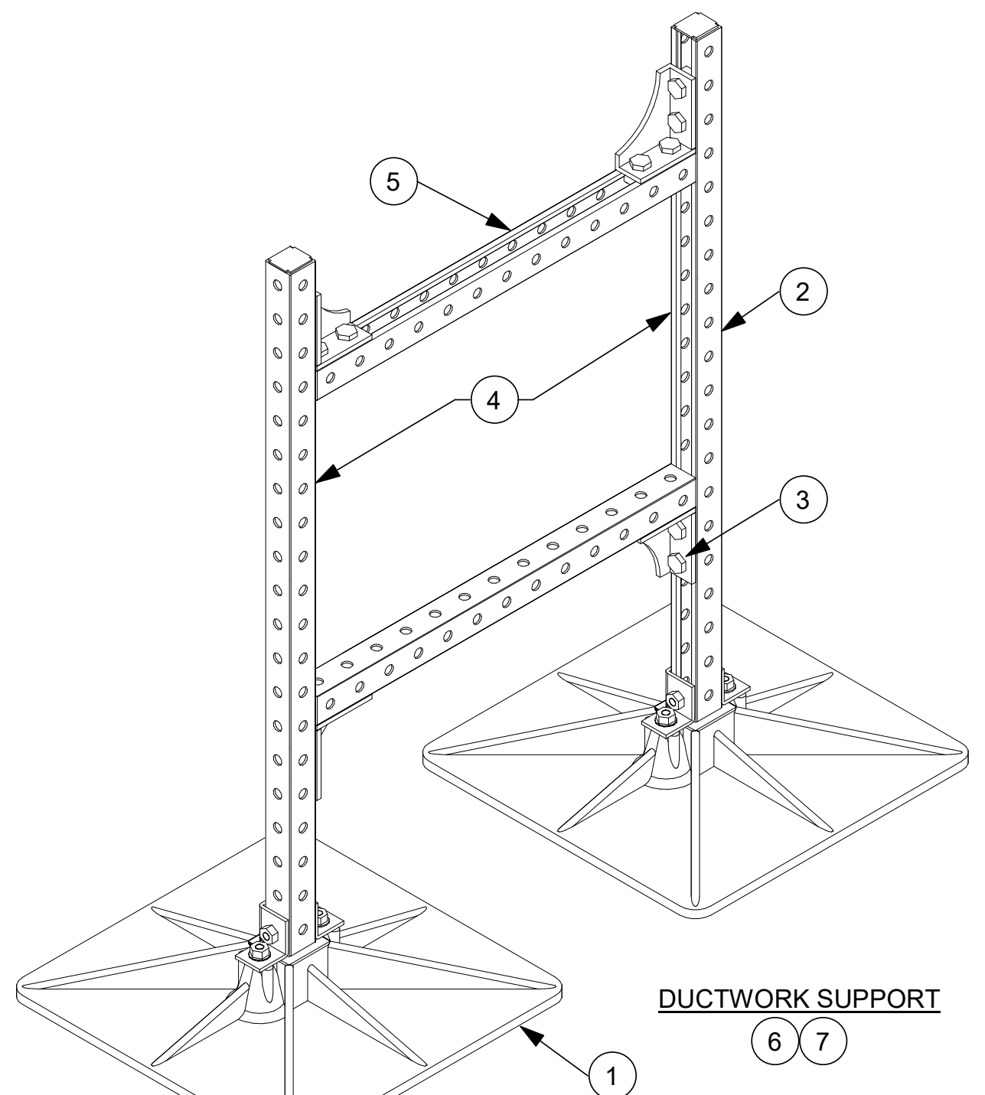


KEYED NOTES:

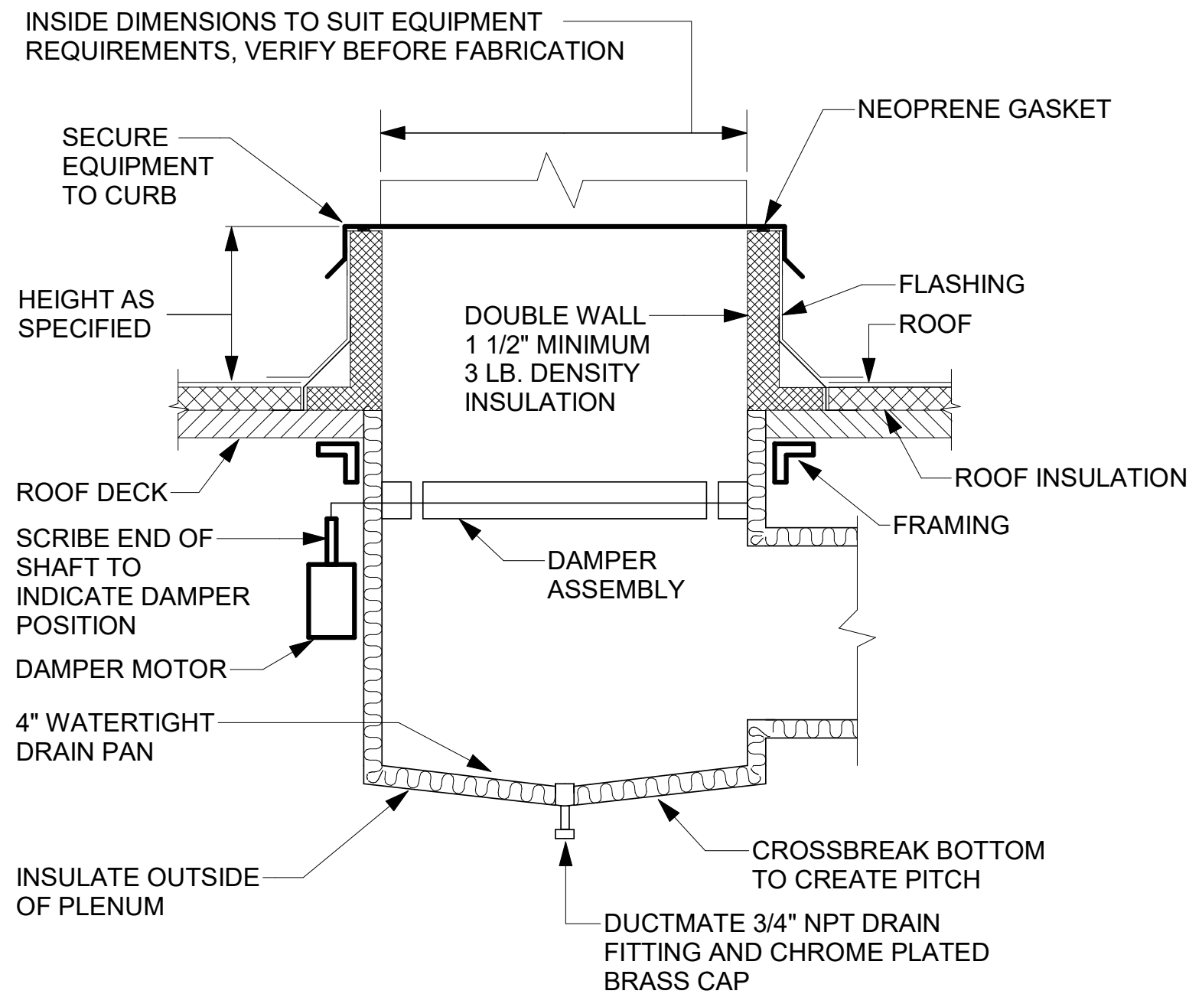
1. 18" x 18" HDPE BASE.
2. HOT DIPPED GALVANIZED (HDG) CARBON STEEL FRAME 1-7/8".
3. HDG FASTENERS.
4. PROVIDE HORIZONTAL BRACING TO LEGS OF DUCT SUPPORTS AS RECOMMENDED BY MANUFACTURER.
5. UPLIFT SUPPORT.
6. SUPPORTS SHALL BE SPACED NO MORE THAN 8'-0" APART.
7. SUPPORTS SHALL BE AS MANUFACTURED BY PORTABLE PIPE HANGERS AND DESIGNED FOR SNOW LOADING PER NYS BUILDING CODE REQUIREMENTS.

DETAIL NOTES:

A. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

1 EXTERIOR DUCT SUPPORT DETAIL

M500 NOT TO SCALE


INSIDE DIMENSIONS TO SUIT EQUIPMENT REQUIREMENTS, VERIFY BEFORE FABRICATION
NEOPRENE GASKET
SECURE EQUIPMENT TO CURB
HEIGHT AS SPECIFIED
DOUBLE WALL 1 1/2" MINIMUM 3 LB. DENSITY INSULATION
FLASHING
ROOF
ROOF DECK
ROOF INSULATION
FRAMING
SCRIBE END OF SHAFT TO INDICATE DAMPER POSITION
DAMPER ASSEMBLY
DAMPER MOTOR
4" WATERTIGHT DRAIN PAN
INSULATE OUTSIDE OF PLENUM
CROSSBREAK BOTTOM TO CREATE PITCH
DUCTMATE 3/4" NPT DRAIN FITTING AND CHROME PLATED BRASS CAP

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

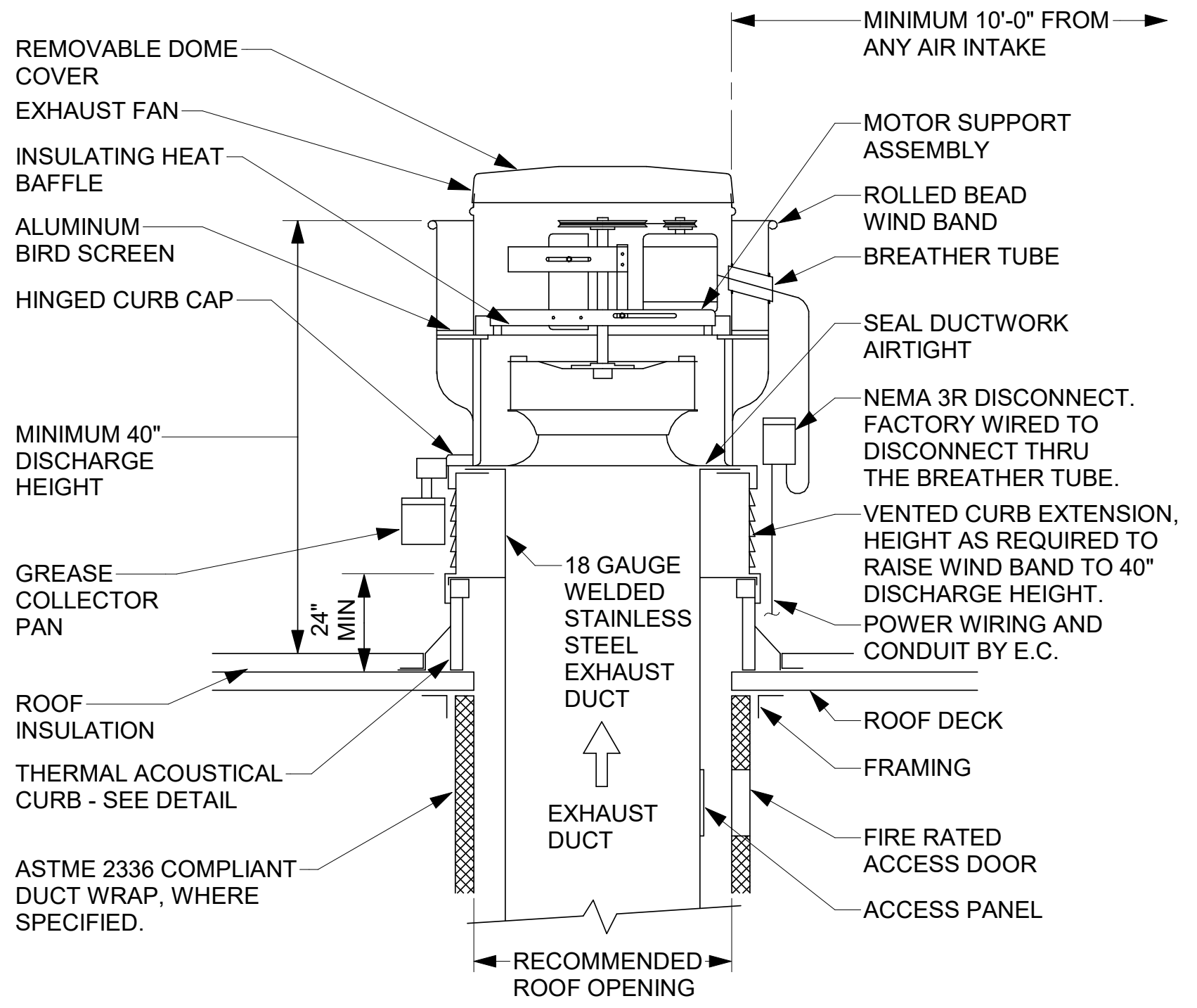
B. LOCATE, SET AND SECURE CURB.

C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

D. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

2 ROOF CURB DETAIL

M500 NOT TO SCALE


MINIMUM 10'-0" FROM ANY AIR INTAKE
REMOVABLE DOME COVER
EXHAUST FAN
INSULATING HEAT BAFFLE
ALUMINUM BIRD SCREEN
HINGED CURB CAP
MOTOR SUPPORT ASSEMBLY
ROLLED BEAD WIND BAND
BREATHER TUBE
SEAL DUCTWORK AIRTIGHT
NEMA 3R DISCONNECT. FACTORY WIRED TO DISCONNECT THRU THE BREATHER TUBE.
MINIMUM 40" DISCHARGE HEIGHT
VENTED CURB EXTENSION, HEIGHT AS REQUIRED TO RAISE WIND BAND TO 40" DISCHARGE HEIGHT.
GREASE COLLECTOR PAN
24" MIN
18 GAUGE WELDED STAINLESS STEEL EXHAUST DUCT
POWER WIRING AND CONDUIT BY E.C.
ROOF INSULATION
ROOF DECK
THERMAL ACOUSTICAL CURB - SEE DETAIL
FRAMING
EXHAUST DUCT
FIRE RATED ACCESS DOOR
ASTME 2336 COMPLIANT DUCT WRAP, WHERE SPECIFIED.
ACCESS PANEL
RECOMMENDED ROOF OPENING

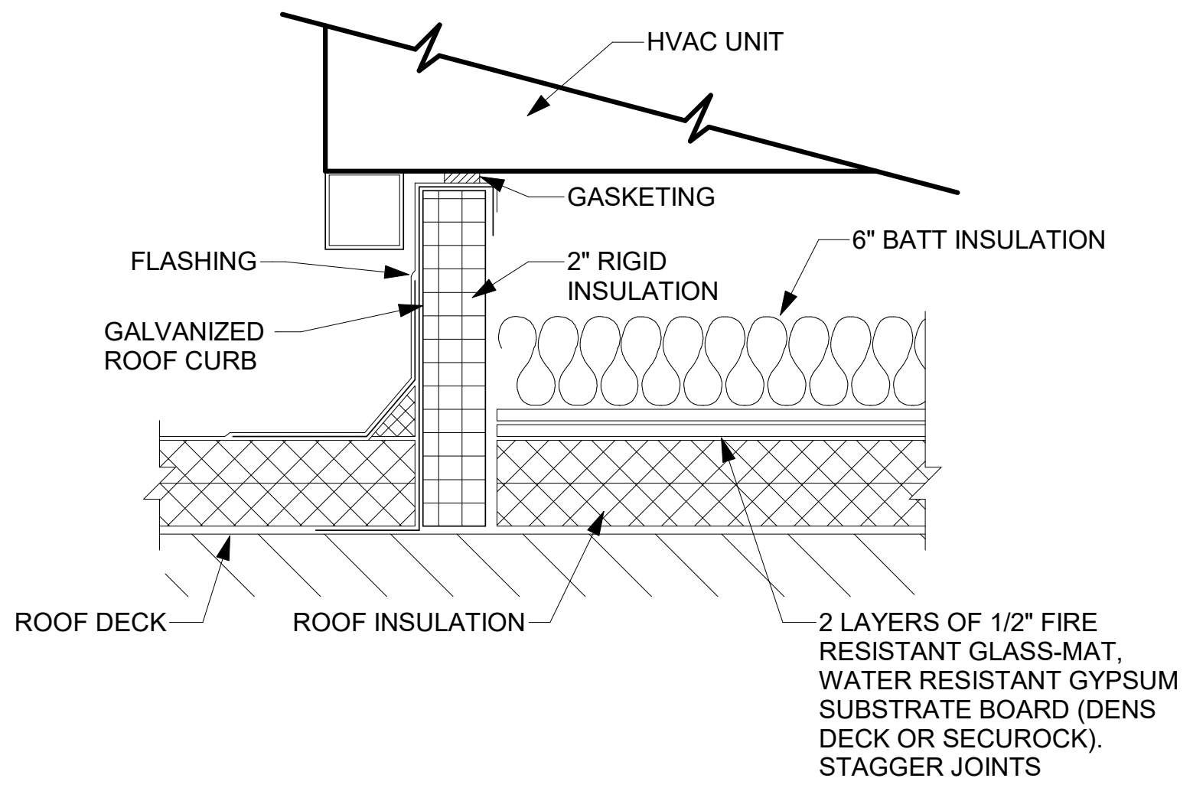
DETAIL NOTES:

A. REFER TO ROOF CURB DETAIL.

B. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

3 KITCHEN EXHAUST FAN DETAIL

M500 NOT TO SCALE


HVAC UNIT
GASKETING
FLASHING
2" RIGID INSULATION
6" BATT INSULATION
GALVANIZED ROOF CURB
ROOF DECK
ROOF INSULATION
2 LAYERS OF 1/2" FIRE RESISTANT GLASS-MAT, WATER RESISTANT GYPSUM SUBSTRATE BOARD (DENS DECK OR SECUROCK). STAGGER JOINTS

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

B. LOCATE, SET AND SECURE CURB.

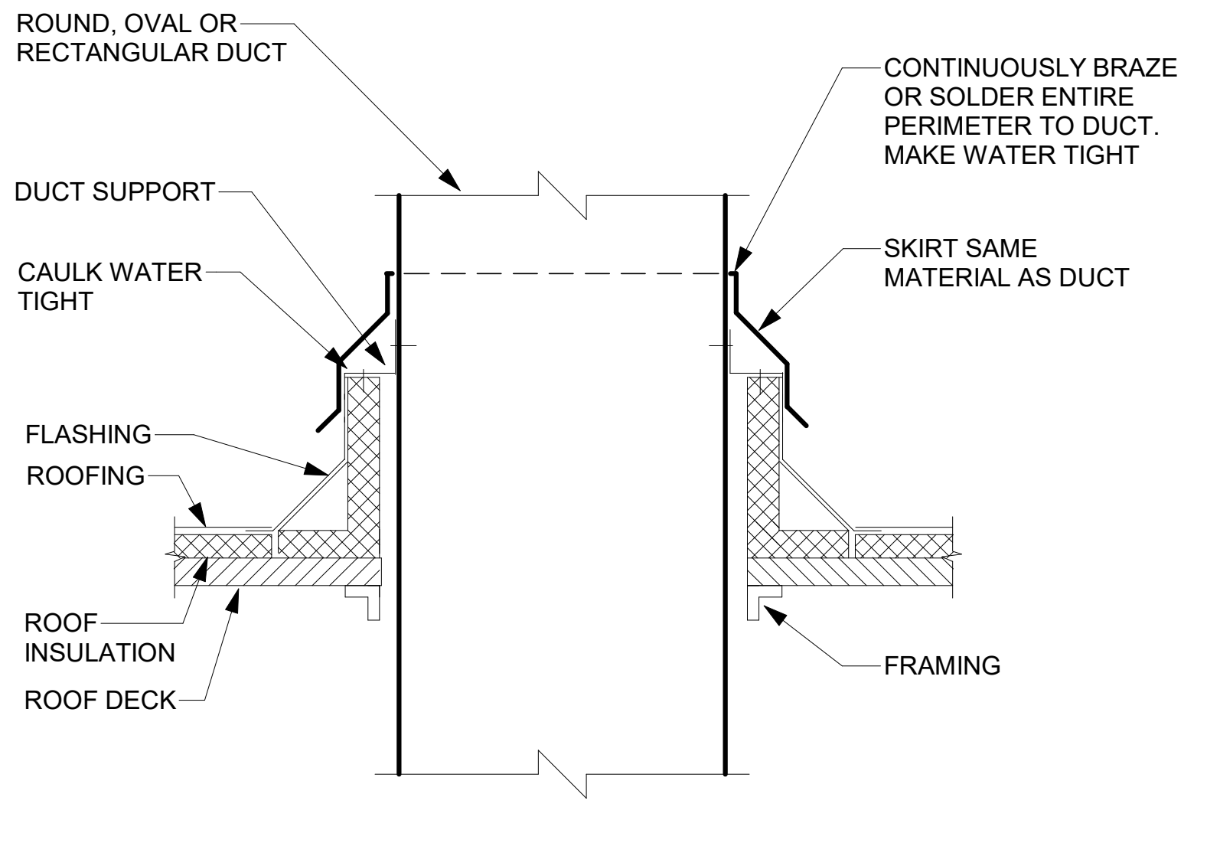
C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

D. PROVIDE BLOCKING BENEATH CURB IN FLUTES OF METAL DECKS.

E. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

4 ROOFTOP EQUIPMENT ROOF CURB DETAIL

M500 NOT TO SCALE


ROUND, OVAL OR RECTANGULAR DUCT
CONTINUOUSLY BRAZE OR SOLDER ENTIRE PERIMETER TO DUCT. MAKE WATER TIGHT
DUCT SUPPORT
CAULK WATER TIGHT
SKIRT SAME MATERIAL AS DUCT
FLASHING
ROOFING
ROOF INSULATION
ROOF DECK
FRAMING

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

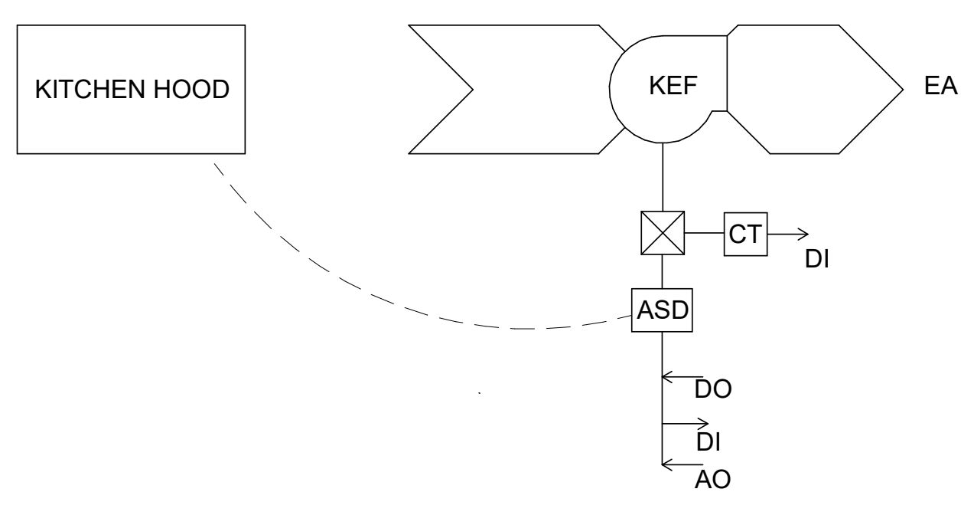
B. LOCATE, SET AND SECURE CURB.

C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

D. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

5 DUCT PENETRATION CURB DETAIL

M500 NOT TO SCALE



SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN STATUS		X			X	X
FAN ASD START / STOP				X		X
FAN ASD SPEED			X			X
FAN ASD FAULT		X			X	X
ALARM FROM HOOD CONTROL SYSTEM					X	X

KITCHEN EXHAUST FAN CONTROLS SEQUENCE:

A. THE EXHAUST FAN SHALL BE INTERLOCKED WITH THE HOOD CONTROLS AND OPERATE WHEN THE HOOD IS SIGNALED TO OPERATE OR HOOD HEAT DETECTOR SENSES COOKING.

B. ALARMS SHALL BE PROVIDED AS FOLLOWS:

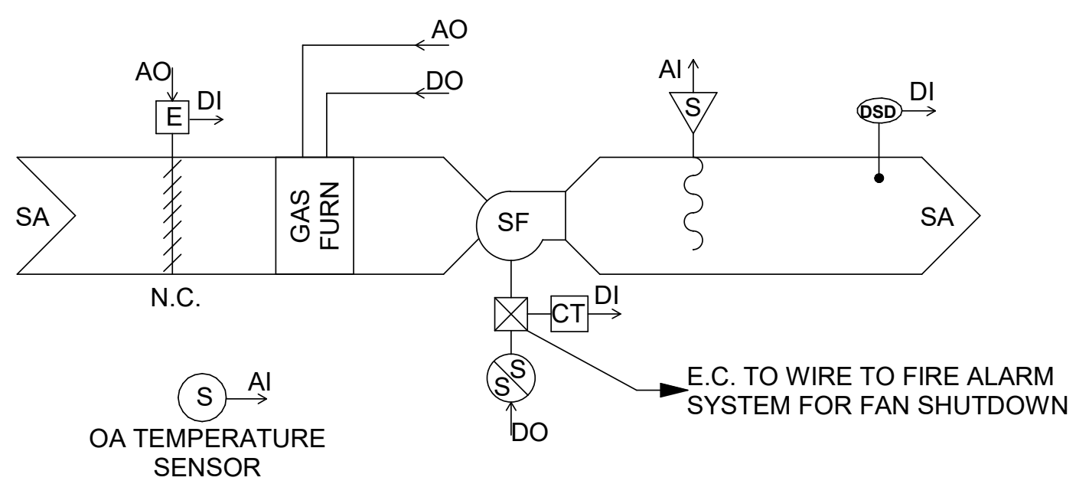
1. EXHAUST FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
2. EXHAUST FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

NOTES:

1. REFER TO THE KITCHEN HOOD PACKAGE FOR THE HOOD CONTROL SYSTEM WHICH IDENTIFIES THE KITCHEN HOOD AND EXHAUST FAN INTERFACE.
2. FAN ASD IS INTENDED TO BE USED FOR BALANCING PURPOSES. FAN SPEED SIGNAL IS INTENDED TO BE CONSTANT DURING FAN OPERATION. SPEED SIGNAL TO BE DETERMINED DURING TESTING AND BALANCING.

6 KEF-MS-1, KEF-MS-2, HS-MS-3 FAN CONTROL SEQUENCE

M500 NOT TO SCALE



SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
DISCHARGE AIR TEMPERATURE	X				X	X
OUTSIDE AIR TEMPERATURE	X					X
FAN STATUS		X			X	X
FAN START/STOP				X		X
DUCT SMOKE DETECTOR		X			X	X
HEAT MODULATION			X			X
HEAT ENABLE				X		X
OUTSIDE AIR DAMPER				X		X
DAMPER STATUS		X			X	X

MAKEUP AIR UNIT SEQUENCE OF OPERATION:

A. OCCUPIED MODE RUN CONDITIONS: THE UNIT FAN SHALL RUN CONTINUOUSLY WHEN KITCHEN HOOD EXHAUST FAN IS ON AND SHALL MAINTAIN A 65°F (ADJ.) HEATING SETPOINT.

B. ALARMS SHALL BE PROVIDED AS FOLLOWS:

1. LOW DISCHARGE TEMP: IF THE ZONE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.)

C. OUTSIDE AIR DAMPER:

1. THE OUTSIDE AIR DAMPER SHALL OPEN ANYTIME THE UNIT RUNS AND SHALL CLOSE ANYTIME THE UNIT STOPS
2. THE SUPPLY FAN SHALL START ONLY AFTER THE DAMPER STATUS HAS PROVEN THE DAMPER IS OPEN
3. THE OUTSIDE AIR DAMPER SHALL CLOSE 4 SECONDS (ADJ.) AFTER THE SUPPLY FAN STOPS

D. ALARMS SHALL BE PROVIDED AS FOLLOWS:

1. OUTSIDE AIR DAMPER FAILURE: COMMANDED OPEN, BUT THE STATUS IS CLOSED
2. OUTSIDE AIR DAMPER IN HAND: COMMANDED CLOSED, BUT THE STATUS IS OPEN

E. SUPPLY FAN: THE SUPPLY FAN SHALL RUN ANYTIME THE UNIT IS COMMANDED TO RUN

F. ALARMS SHALL BE PROVIDED AS FOLLOWS:

1. SUPPLY FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
2. SUPPLY FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

G. GAS FURNACE:

1. THE DDC SHALL MONITOR THE OUTSIDE AIR AND DISCHARGE AIR TEMPERATURE SENSORS, AND MODULATE THE BURNER TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT
2. THE HEATING SHALL BE ENABLED WHENEVER:
    a. OUTSIDE AIR TEMPERATURE IS LESS THAN 65°F (ADJ.)
    b. THE DISCHARGE AIR TEMPERATURE IS BELOW TEMPERATURE SETPOINT
    c. THE FAN STATUS IS ON

H. ALARMS SHALL BE PROVIDED AS FOLLOWS:

1. SUPPLY FAN FAULT
2. DISCHARGE AIR HIGH LIMIT: 105°F (ADJ.)
3. DISCHARGE AIR LOW LIMIT: 45°F (ADJ.)

I. WHEN THE BUILDING IS SCHEDULED TO BE UNOCCUPIED, THE DDC SHALL DISABLE THE FURNACE. THE FAN SHALL RUN FOR AN ADDITIONAL 10 MINUTES (ADJ.) TO EVACUATE HEAT FROM THE FURNACE. THE DDC SHALL THAN SHUT OFF THE SUPPLY FAN AND CLOSE THE OUTSIDE AIR DAMPER

J. SUPPLY AIR SMOKE DETECTION: THE UNIT SHALL SHUTDOWN AND GENERATE AN ALARM UPON RECEIVING A SIGNAL FROM THE SUPPLY AIR SMOKE DETECTOR

7 MAU-MS-1, MAU-MS-2, MAU-MS-3 CONTROL SEQUENCE

M500 NOT TO SCALE

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MECHANICAL DETAILS AND CONTROLS

Sheet No.

WMS M500

CONSTRUCTION DOCUMENTS

GENERAL NOTES (APPLY TO ALL DRAWINGS):

A. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED N.E.C./NFPA 70 CODE.

B. THE CONTRACTOR SHALL PERFORM HIS WORK BY COORDINATING WITH THE FACILITY REPRESENTATIVE REGARDING SUCH THINGS AS NOISE, WORK AREA LIMITATIONS, ALLOWABLE WORKING HOURS, UTILITY INTERRUPTIONS, ETC.

C. ALL EXISTING SYSTEMS THAT PASS THROUGH OR ORIGINATE IN THE RENOVATED SPACE SHALL BE MAINTAINED, REROUTED, RELOCATED, ETC. SUCH THAT THE FACILITY DOES NOT EXPERIENCE LOSS OF ANY SYSTEMS AND/OR UTILITIES. WORK FOR SUCH ITEMS MUST BE COORDINATED WITH THE FACILITY REPRESENTATIVE FOR TEMPORARY OPERATIONS AND/OR INTERRUPTION.

D. THE CONTRACTOR SHALL INSTALL TEMPORARY FACILITIES/PRECAUTIONS TO GUARD AGAINST WORK THAT IS AN INFECTION CONTROL HAZARD OR NUISANCE (SUCH AS NOISE, DUST, OPERATIONS INTERRUPTION, ETC.). THE CONTRACTOR SHALL COMPLY WITH FACILITY REPRESENTATIVES FOR THE COORDINATION, LOCATION, AND QUALITY OF THESE TEMPORARY PROVISIONS.

E. ALL WORK AREAS SHALL BE KEPT CLEAN AND ORDERLY AT ALL TIMES. OPEN-ENDED ITEMS SUCH AS CONDUITS SHALL ALWAYS BE COVERED AND PROTECTED TO PROHIBIT ACCUMULATION OF CONSTRUCTION DUST/DEBRIS.

F. CONTRACTOR SHALL COORDINATE ALL THIRD PARTY SYSTEM INSPECTIONS, TESTING, AND CERTIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE REQUIRED CERTIFICATIONS AND A LETTER STATING THAT SYSTEMS HAVE BEEN INSTALLED AND PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND MEET PROJECT/CONTRACT REQUIREMENTS.

G. PROVIDE BOX, EMPTY 1" CONDUIT (UNLESS OTHERWISE NOTED), AND PULL CORD UP TO ACCESSIBLE CEILING CAVITY AT ALL DATA AND COMMUNICATION OUTLETS INDICATED IN PLAN. DATA CABLE TO BE PROVIDED BY A SEPARATE CONTRACT.

H. ALL COMMUNICATION AND DATA CABLE ARE TO BE INSTALLED IN CONDUIT WHERE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE IN CONCEALED CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS. ALL EXPOSED CABLES ARE TO BE ANCHORED TO WALL OR ROOF STRUCTURE IN BRIDLE RINGS AT MINIMUM 3'-0" O.C. OR IN CABLE TRAY.

I. PROVIDE CONDUIT BODY FOR ALL DATA AND SIGNAL CABLES TO BE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE INACCESSIBLE CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS AND THEREFORE DO NOT REQUIRE CONDUIT.

J. CONDUIT RUNS ARE SCHEMATIC ONLY. ALL CONDUIT RUNS SHOULD TAKE THE SHORTEST MOST DIRECT ROUTE POSSIBLE. CONDUIT RUNS MAY HAVE A MAXIMUM OF (3) 90` BENDS. IF ADDITIONAL BENDS ARE REQUIRED, PROVIDE PULLBOX.

K. ALL CIRCUITS SHALL HAVE A CONTINUOUS NEUTRAL. NO SHARING OF NEUTRALS WILL BE ALLOWED ON ANY BRANCH CIRCUIT WIRING.

GENERAL DEMOLITION NOTES:

A. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED ACCURATE. EC SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. COORDINATE WITH OWNER REPRESENTATIVE TO ARRANGE FOR A SITE VISIT, DATE AND TIME, MINIMUM TEN WORKING DAYS PRIOR TO BID.

B. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED, OR REQUIRED TO BE REMOVED AS A RESULT OF CEILING, PARTITION OR WALL DEMOLITION WORK. COORDINATE REQUIREMENT WITH GENERAL CONTRACTOR. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND WIRING DEVICES INDICATED TO BE REMOVED OR REQUIRED TO BE REMOVED, AND ALL ASSOCIATED BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING AND RACEWAYS. WHERE EXISTING DEVICES ARE NOT BEING REUSED, THEY AND THEIR ASSOCIATED WIRING SHALL BE COMPLETELY REMOVED. DISCONNECT AND REMOVE ALL EMPTY AND ABANDONED RACEWAYS. CUT FLUSH WITH FLOOR OR WALL WHERE APPLICABLE AND PLUG CONDUIT WATERTIGHT.

C. SALVAGEABLE MATERIALS SHALL BE REVIEWED AND IDENTIFIED BY THE OWNER. ITEMS SELECTED BY THE OWNER SHALL BE DELIVERED TO A SELECTED LOCATION ON THE OWNER'S PROPERTY BY THIS CONTRACT IN AN EQUAL CONDITION PRIOR TO THIS WORK. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) ALL LUMINAIRES, LIGHTING CONTROLS, PANELBOARDS, MOTOR STARTERS AND DISCONNECTS; REFER TO THE SPECIFICATIONS FOR ADDITIONAL SALVAGEABLE MATERIALS.

D. COORDINATE ALL REMOVAL WORK WITH OTHER TRADES.

E. PROVIDE ALL WIRING AND CONNECTIONS REQUIRED TO MAINTAIN BRANCH CIRCUITS OR SPECIAL SYSTEMS CIRCUIT CONTINUITY TO DEVICES AND EQUIPMENT REQUIRED TO REMAIN WHETHER LOCATED WITHIN OR OUTSIDE OF THE PROJECT AREA, EITHER UPSTREAM OR DOWNSTREAM OF DEVICES REQUIRED TO BE REMOVED.

F. PARTIAL BRANCH CIRCUIT WIRING DENOTING EXISTING CIRCUITING OR CONTROL IS SHOWN FOR REFERENCE ONLY, AND IS NOT INTENDED TO ILLUSTRATE COMPLETE WIRING SYSTEM. FIELD VERIFY EXISTING WIRING AND CONNECTIONS.

G. CUTTING AND PATCHING OF EXISTING BUILDING FINISHES AND ELEMENTS TO FACILITATE ELECTRICAL REMOVAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

H. PROVIDE A TEST, PRIOR TO BEGINNING ELECTRICAL REMOVAL WORK, OF EACH AND EVERY SYSTEM AFFECTED BY THE WORK TO ASCERTAIN AND DOCUMENT PRE-CONSTRUCTION CONDITIONS OF EACH INDIVIDUAL DEVICE ON EACH SYSTEM. SYSTEMS AND DEVICES WHICH ARE UNTESTED WILL BE ASSUMED TO BE IN PERFECT WORKING ORDER PRIOR TO THE BEGINNING OF CONSTRUCTION. TEST THESE AND NEW DEVICES AND SYSTEMS AFTER CONSTRUCTION TO INDICATE AND DOCUMENT POST-CONSTRUCTION CONDITIONS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING SYSTEMS AND DEVICES TO PRE-CONSTRUCTION CONDITION OR BETTER. OBTAIN THE SERVICES OF A CERTIFIED TESTING ORGANIZATION TO TEST AND DOCUMENT EACH SYSTEM, BOTH PRE AND POST CONSTRUCTION. SUCH SYSTEMS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: GENERATOR DISTRIBUTION SYSTEM, SECURITY ACCESS CONTROL SYSTEM, PUBLIC ADDRESS SYSTEM, LOCAL AREA NETWORK SYSTEM, TELEPHONE SYSTEM, NURSE CALL SYSTEM, EMERGENCY EGRESS LIGHTING SYSTEM, INTRUSION DETECTION SYSTEMS, AUTOMATIC LIGHTING CONTROL SYSTEM AND FIRE ALARM SYSTEM. SUBMIT TEST RESULTS TO OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

GENERAL DEFINITIONS:

A. INDICATE: THE TERM "INDICATE" REFERS TO GRAPHIC REPRESENTATIONS, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

B. DESCRIBED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

C. APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

D. FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

E. INSTALL: THE TERM "INSTALL IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

F. PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL COMPLETE AND READY FOR THE INTENDED USE."

G. INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

H. ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS." THESE SYSTEMS INCLUDE BUT NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC.

ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
AC	ABOVE COUNTER
AIC	AMPERE INTERRUPTING CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTING
AL	ALUMINUM
AUTO	AUTOMATIC
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CLG	CEILING
CM	CONSTRUCTION MANAGER
CONTR	CONTRACTOR
CU	COPPER
DP	DISTRIBUTION PANEL
DN	DOWN
EA	EACH
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
ELEC	ELECTRIC
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING
FBO	FURNISHED BY OTHERS
GC	GENERAL CONTRACTOR
GE	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
G/GND	GROUND
HH	HAND HOLE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MH	MAN HOLE
MI	MINERAL INSULATED CABLE
MLO	MAIN LUG ONLY
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NMT	NON-METALLIC TUBING
NTS	NOT TO SCALE
OC	MOUNTED OVER COUNTER
OH	OVERHEAD
PNL	PANEL
PH	PHASE
PC	PLUMBING CONTRACTOR OR PHOTO CELL
P	POLE
PB	PULL BOX
RMC	RIGID METAL CONDUIT
SP	SPACE
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATION
SW	SWITCH
SWBD	SWITCHBOARD
TV	TELEVISION
TYP	TYPICAL
UC	MOUNTED UNDER COUNTER HEIGHT OR UNDERGROUND COMMUNICATION
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORY
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
W	WIRE OR WATT
WG	WIRE GUARD
WP	WEATHER PROOF

BASIC MATERIALS AND METHODS

SYMBOL	DESCRIPTION
⬤	SPECIAL PURPOSE RECEPTACLE. PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA CONFIGURATION AS REQUIRED BY BRANCH CIRCUIT AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP.
Ⓙ	JUNCTION BOX, NORMAL POWER
▣	PUSH BUTTON
⦶	DUPLEX RECEPTACLE, SUBSCRIPTS INDICATE TYPE: AC - ABOVE COUNTER C - CONTROLLED GFI - GROUND FAULT CIRCUIT INTERRUPTER UC - UNDER COUNTER U - USB
Φ	SINGLE RECEPTACLE
⊕	TWO DUPLEX RECEPTACLE, SINGLE COVER
(E)	EXISTING TO REMAIN - INDICATES EXISTING ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
(ER)	EXISTING TO BE RELOCATED - INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
ⓧ	REFERENCE TO DRAWING NOTE
☒	REFERENCE TO DEMOLITION NOTE
— — —	EXISTING ELECTRICAL OR EQUIPMENT OR DEVICE, DASHED LIGHT LINE WEIGHT IS EXISTING TO BE REMOVED.
———	EXISTING WIRING OR EQUIPMENT, SOLID LIGHT LINE WEIGHT IS EXISTING.
━━━	HEAVY SOLID LINE WEIGHT IS NEW

POWER DISTRIBUTION AND CONTROL

SYMBOL	DESCRIPTION
T-XX ☐	TRANSFORMER, REFER TO ONE LINE DIAGRAM AND TRANSFORMER SCHEDULE FOR SIZE AND TYPE
PP-XX	208/120 [240/120] VOLT RECESSED PANELBOARD
PP-XX	208/120 [240/120] VOLT PANELBOARD
PP-XX	480/277 VOLT RECESSED PANELBOARD
PP-XX	480/277 VOLT PANELBOARD
▨	DISTRIBUTION PANELBOARD.
☒	MOTOR STARTER. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR SIZE AND TYPE.
☐	DISCONNECT SWITCH AMP RATING AS INDICATED
◩	FUSED DISCONNECT SWITCH AMP RATING AS INDICATED
☒	COMBINATION DISCONNECT SWITCH AND MAGNETIC STARTER REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
CB	ENCLOSED CIRCUIT BREAKER, SUBSCRIPT INDICATES AMP RATING
ASD	ADJUSTABLE SPEED DRIVE
Ⓜ	ELECTRICAL CONNECTION. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS REFER TO "ITEM DESIGNATION" ON THE SCHEDULE.
⌖	SINGLE POINT CONNECTION TO EQUIPMENT
S_M	MANUAL MOTOR STARTER
(X)	KITCHEN EQUIPMENT CONNECTION, REFER TO KITCHEN EQUIPMENT SCHEDULE FOR WIRING REQUIREMENTS NUMBER INDICATES ITEM ON SCHEDULE.

LIGHTING CONTROL

SYMBOL	DESCRIPTION
$S^3_{a,b}$	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH LV - LOW VOLTAGE (MOMENTARY CONTACT) K - KEY OPERATED WP - WEATHER PROOF OS - OCCUPANCY SENSOR VS - VACANCY SENSOR a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
◇D $^3_{a,b,c}$	DIMMER SWITCH, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY DIMMER SWITCH a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
OS	CEILING MOUNTED OCCUPANCY SENSOR
VS	CEILING MOUNTED VACANCY SENSOR

COMMUNICATIONS

SYMBOL	DESCRIPTION
#-CP1 ▣ 2D2P 1T1V	POWER COMMUNICATION OUTLET - DATA AND POWER DEVICES TO BE PROVIDED IN SEPARATE BOXES. # D - DATA OUTLETS AND CABLES # P - POWER DUPLEX RECEPTACLES # T - TELEPHONE OUTLETS AND CABLES # V - TELEVISION OUTLETS AND CABLES (NOTE: REFER TO INDIVIDUAL DEVICE SYMBOLS FOR ADDITIONAL SUBSCRIPT DEFINITIONS) EXAMPLE SYMBOL SHOWN INDICATES : 2 DATA, 1 TELEPHONE, 1 TV OUTLET AND 2 RECEPTACLES CIRCUITED TO PANEL CP1
WAP	WIRELESS ACCESS POINT
▽	ONE (1) TELEPHONE OUTLET AND CABLE
DR	DATA RACK
▭	CAMERA

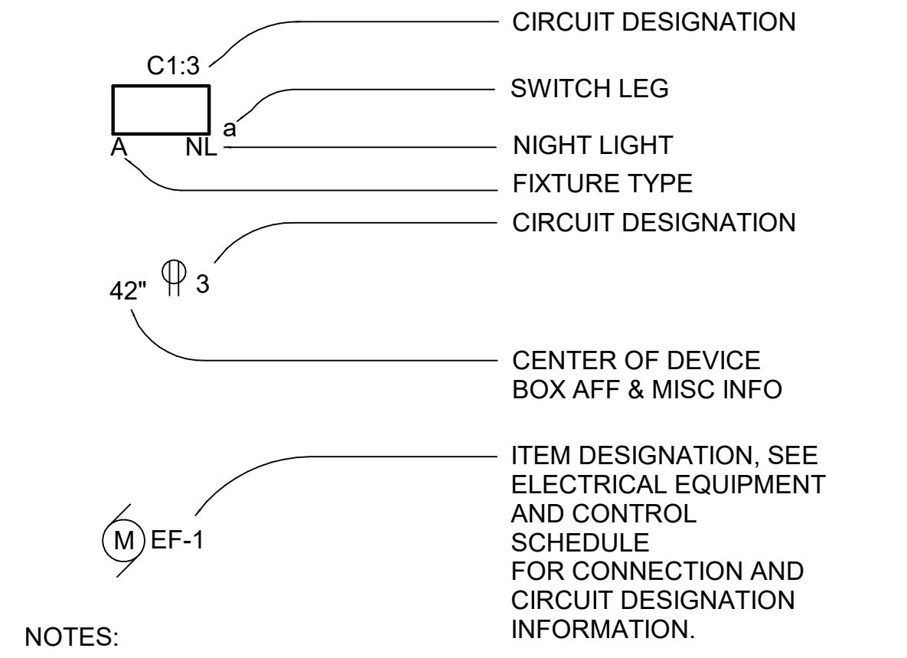
LUMINAIRES

SYMBOL	DESCRIPTION
▭ FA d ☐ ○	LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
▭ FA d ☐ ○	WALL MOUNTED LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
NL	LUMINAIRE CONNECTED TO NIGHT LIGHT CIRCUIT, UNSWITCHED
EM	LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY BACKUP
├──┤	LUMINAIRE STRIP
▽▽	WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK
⊗ ⊗	CEILING MOUNTED EXIT LUMINAIRE
⊗ ⊗	WALL MOUNTED EXIT LUMINAIRE
▽⊗▽ ▽⊗▽	EXIT LUMINAIRE WITH EMERGENCY HEADS

FIRE ALARM

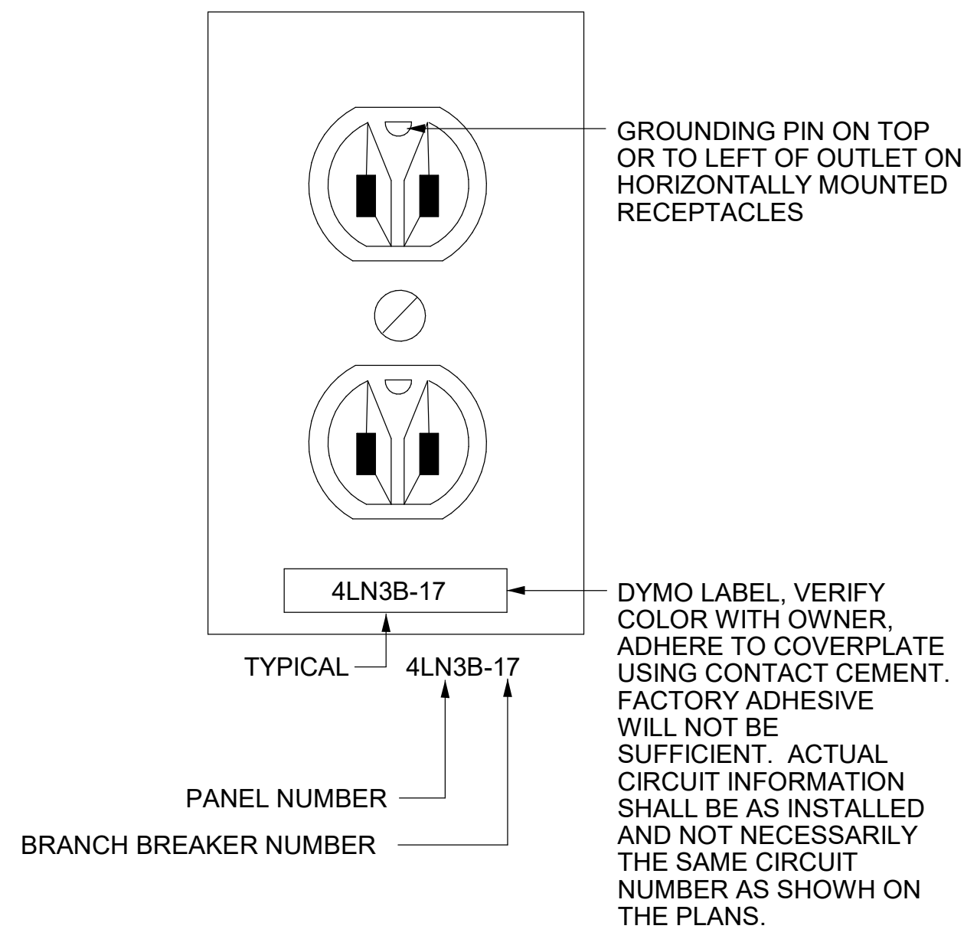
SYMBOL	DESCRIPTION
F	MANUAL PULL STATION
S	SMOKE DETECTOR
H	COMBINATION SET TEMPERATURE AND RATE OF RISE HEAT DETECTOR
CO	CARBON MONOXIDE DETECTOR
DSD	DUCT SMOKE DETECTOR
F ◀ 15 A/V	NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL # INDICATES STROBE CANDELA
F ◁ 15 V	NOTIFICATION APPLIANCE, VISUAL # INDICATES STROBE CANDELA
CO ◀ 15 A/V	CARBON MONOXIDE NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL; # INDICATES STROBE CANDELA
DH	MAGNETIC DOOR HOLDER
FSD	FAN SHUT DOWN RELAY
SD	SMOKE DAMPER
EC	ELEVATOR CAPTURE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATION PANEL

BRANCH CIRCUITING IDENTIFICATION


C1:3
a
A
NL
CIRCUIT DESIGNATION
SWITCH LEG
NIGHT LIGHT
FIXTURE TYPE
CIRCUIT DESIGNATION
42"
3
CENTER OF DEVICE BOX AFF & MISC INFO
M
EF-1
ITEM DESIGNATION, SEE ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR CONNECTION AND CIRCUIT DESIGNATION INFORMATION.

NOTES:

1. TYPICAL FOR ALL FIXTURES DEVICES & EQUIPMENT.
2. PANEL DESIGNATION WILL BE REFERENCED BY DRAWING NOTE FOR INDIVIDUAL ROOMS. SEE DRAWING NOTES ON EACH PLAN DRAWING.

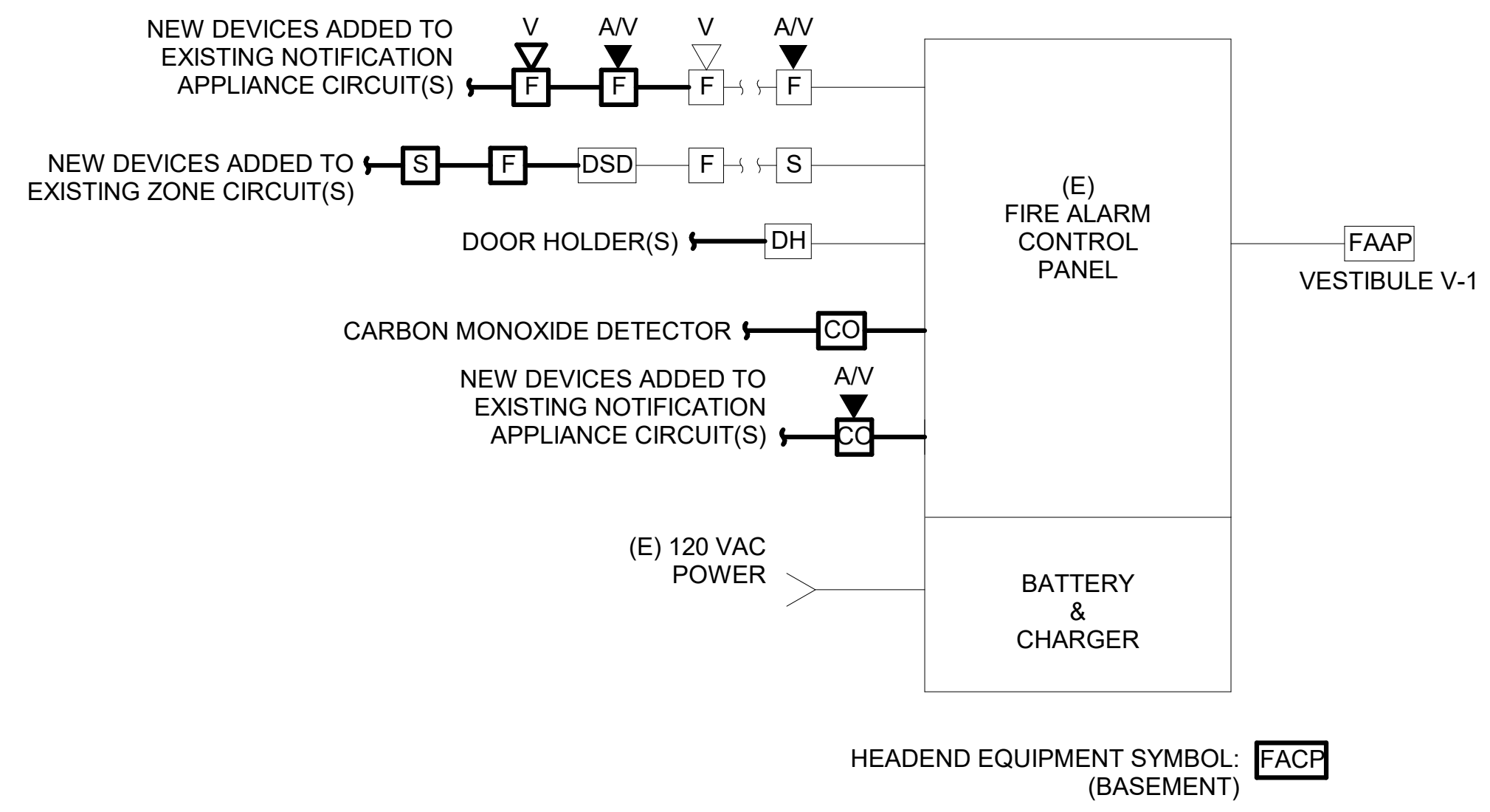

GROUNDING PIN ON TOP OR TO LEFT OF OUTLET ON HORIZONTALLY MOUNTED RECEPTACLES
4LN3B-17
TYPICAL
4LN3B-17
PANEL NUMBER
BRANCH BREAKER NUMBER
DYMO LABEL, VERIFY COLOR WITH OWNER, ADHERE TO COVERPLATE USING CONTACT CEMENT. FACTORY ADHESIVE WILL NOT BE SUFFICIENT. ACTUAL CIRCUIT INFORMATION SHALL BE AS INSTALLED AND NOT NECESSARILY THE SAME CIRCUIT NUMBER AS SHOWH ON THE PLANS.

DETAIL GENERAL NOTES:

A. PROVIDE GREEN GROUND WIRE IN ALL RECEPTACLE CIRCUITS. CONNECT TO GROUND BUS IN PANEL.

B. DO NOT INSTALL RECEPTACLES, COMPUTER OR TELEPHONE OUTLETS BACK TO BACK. INSTALL IN ADJACENT STUD CAVITIES, TO REDUCE SOUND TRANSMISSION.

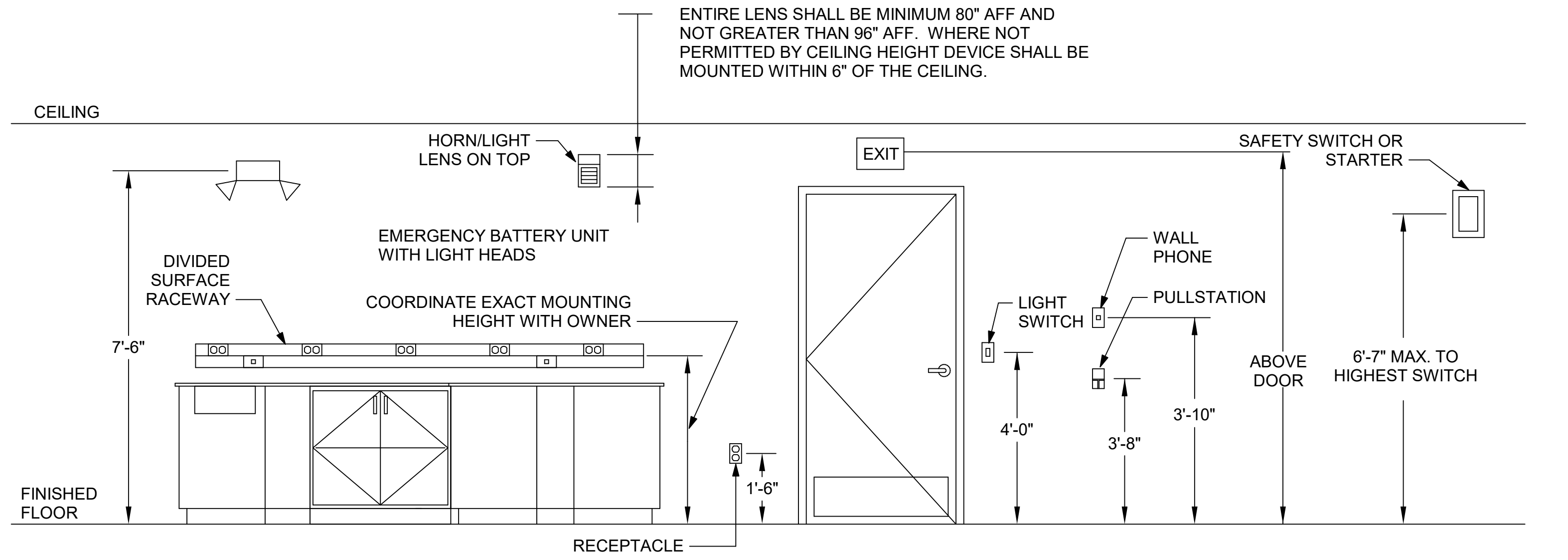
3 TYPICAL RECEPTACLE IDENTIFICATION
E-001 NONE


NEW DEVICES ADDED TO EXISTING NOTIFICATION APPLIANCE CIRCUIT(S)
V
A/V
V
A/V
F
F
F
F
NEW DEVICES ADDED TO EXISTING ZONE CIRCUIT(S)
S
F
DSD
F
S
DOOR HOLDER(S)
DH
CARBON MONOXIDE DETECTOR
CO
NEW DEVICES ADDED TO EXISTING NOTIFICATION APPLIANCE CIRCUIT(S)
A/V
CO
(E) FIRE ALARM CONTROL PANEL
FAAP
VESTIBULE V-1
(E) 120 VAC POWER
BATTERY & CHARGER
HEADEND EQUIPMENT SYMBOL: FACP (BASEMENT)

DETAIL NOTES:

A. PROVIDE ZONED FIRE ALARM DEVICES WITHIN EXISTING FIRE ALARM ZONES.

2 FIRE ALARM BLOCK DIAGRAM
E-001 NONE


ENTIRE LENS SHALL BE MINIMUM 80" AFF AND NOT GREATER THAN 96" AFF. WHERE NOT PERMITTED BY CEILING HEIGHT DEVICE SHALL BE MOUNTED WITHIN 6" OF THE CEILING.
CEILING
HORN/LIGHT LENS ON TOP
EXIT
SAFETY SWITCH OR STARTER
EMERGENCY BATTERY UNIT WITH LIGHT HEADS
DIVIDED SURFACE RACEWAY
COORDINATE EXACT MOUNTING HEIGHT WITH OWNER
WALL PHONE
PULLSTATION
LIGHT SWITCH
7'-6"
ABOVE DOOR
6'-7" MAX. TO HIGHEST SWITCH
4'-0"
3'-8"
3'-10"
1'-6"
FINISHED FLOOR
RECEPTACLE

DETAIL NOTES:

1. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS, OR DIRECTED BY THE OWNER OR ARCHITECT.

1 TYPICAL MOUNTING HEIGHTS
E-001 NONE

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M/E Project #: 243033

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By: SPW
Checked By: SZE
Proj. #: 44-01-02-06-0-001-023
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

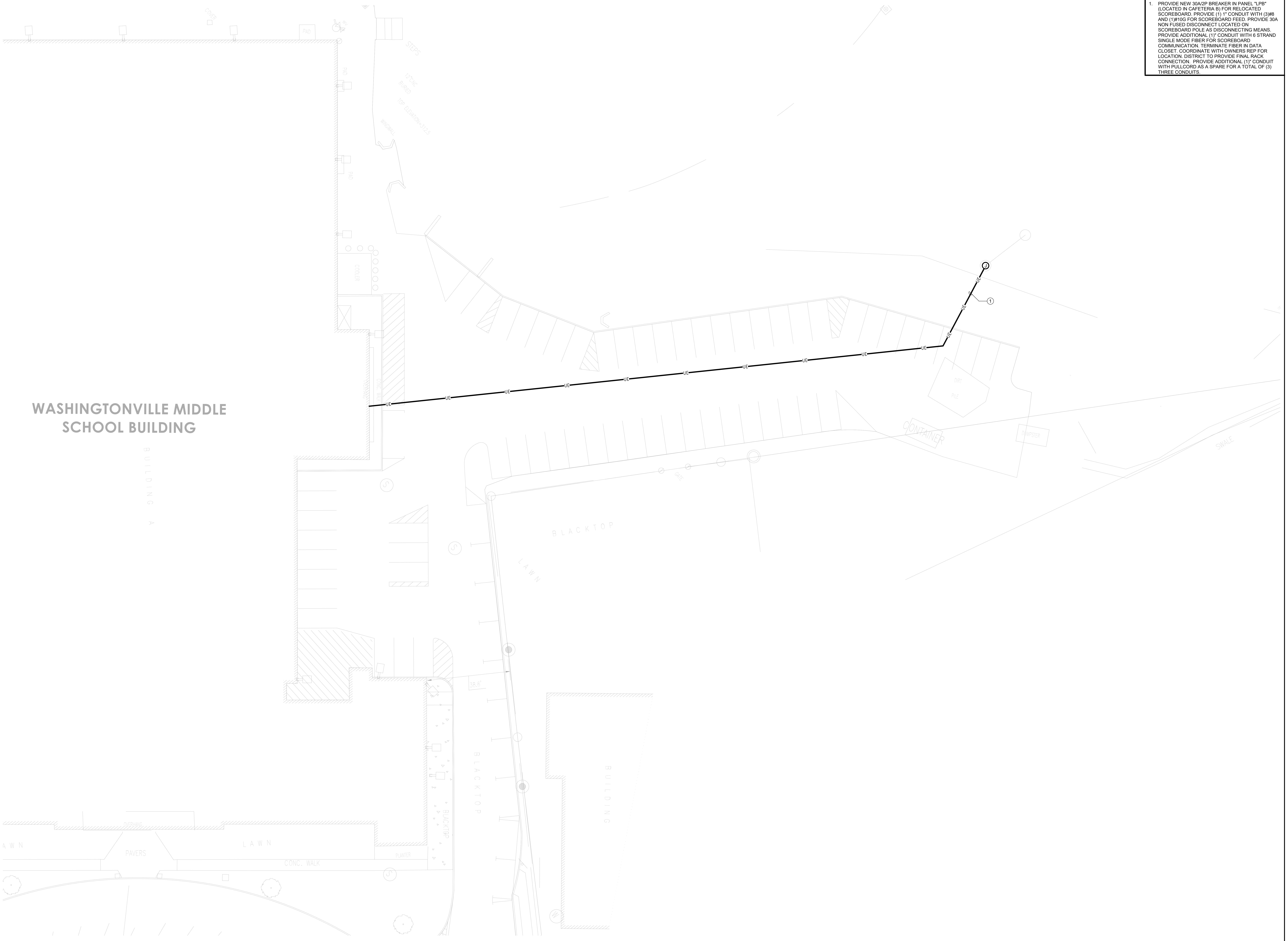
Sheet Title
ELECTRICAL LEGEND NOTES & ABREVIATIONS

Sheet No.
WMS E-001

CONSTRUCTION DOCUMENTS

DRAWING NOTES

1. PROVIDE NEW 30A/2P BREAKER IN PANEL "LPB" (LOCATED IN CAFETERIA B) FOR RELOCATED SCOREBOARD. PROVIDE (1) 1" CONDUIT WITH (3)#8 AND (1)#10G FOR SCOREBOARD FEED. PROVIDE 30A NON FUSED DISCONNECT LOCATED ON SCOREBOARD POLE AS DISCONNECTING MEANS. PROVIDE ADDITIONAL (1)" CONDUIT WITH 6 STRAND SINGLE MODE FIBER FOR SCOREBOARD COMMUNICATION. TERMINATE FIBER IN DATA CLOSET. COORDINATE WITH OWNERS REP FOR LOCATION. DISTRICT TO PROVIDE FINAL RACK CONNECTION. PROVIDE ADDITIONAL (1)" CONDUIT WITH PULLCORD AS A SPARE FOR A TOTAL OF (3) THREE CONDUITS.



1 SITE PLAN
E-002 1/16" = 1'-0"

0' 8' 16' 32'

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Sheet Title
SITE PLAN

Sheet No.
WMS
E-002

CONSTRUCTION DOCUMENTS

EXISTING PANELBOARD DIRECTORY

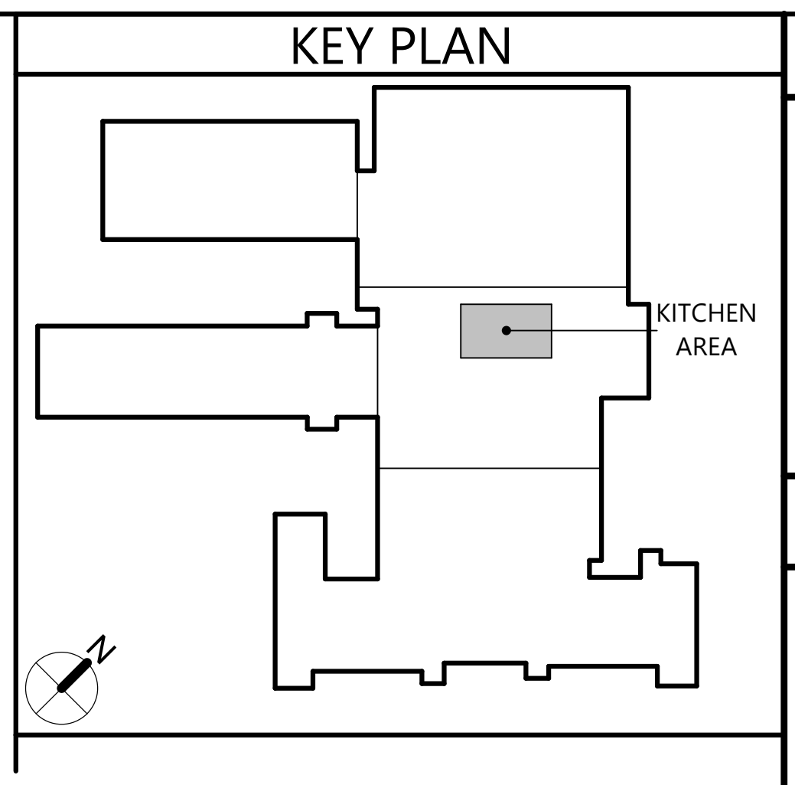
M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	KP2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	MIDDLE SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	KITCHEN	AIC:		WIRE:	4	BUS RATING:	225
		SOURCE:				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
COOLER	1a	(E)20/1													(E)20/1	2a	COOLER
CORRIDOR LIGHTS	3b	(E)20/1													(E)20/1	4b	ICE CREAM COOLER
REC	5c	(E)20/1													(E)20/1	6c	REC UNDER TV
FREEZER	7a	(E)20/1													(E)20/1	8a	EM LIGHTS
EXISTING LOAD	9b	(E)20/1													(E)20/1	10b	EXISTING LOAD
REC BEHIND STOVE	11c	(E)20/2													(E)20/2	12c	FREEZER
REC BEHIND STOVE	13a															14a	
EXISTING LOAD	15b	(E)20/2													(E)20/1	16b	EXISTING LOAD
	17c														(E)30/1	18c	SPARE
WARMER ON COUNTER	19a	(E)20/3													(E)20/3	20a	WARMER ON COUNTER
	21b															22b	
	23c															24c	
MIXER	25a	(E)30/1													(E)20/3	26a	HOOD
REC	27b	(E)20/1														28b	
EXISTING LOAD	29c	(E)30/1														30c	
ROOFTOP REC	31a	(E)20/1		180											(E)20/1	32a	SPARE
SPARE	33b	(E)20/1													(E)20/1	34b	SPARE
COMBI OVEN	35c	**20/1**						900							(E)20/1	36c	SPARE
SHUNT TRIP	37a								216						(E)20/1	38a	**WALK IN COOLER EVAP**
KETTLE	39b	**20/1**						180	600						**20/1**	40b	**KETTLE**
SHUNT TRIP	41c															42c	**SHUNT TRIP**

EXISTING PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	KP1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	MIDDLE SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	KITCHEN	AIC:		WIRE:	4	BUS RATING:	225
		SOURCE:				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
CAFÉ LIGHTS	1a	(E)20/1													(E)20/1	2a	LIGHTS
CAFÉ REC	3b	(E)20/1													(E)20/1	4b	KITCHEN/CAFÉ LIGHTS
EXISTING LOAD	5c	(E)20/1													(E)20/1	6c	CAFÉ TVS
EXISTING LOAD	7a	(E)20/1													(E)20/1	8a	WALK IN LIGHTS
CAFÉ REC	9b	(E)20/1													(E)20/1	10b	EXISTING LOAD
REC	11c	(E)20/1													(E)20/1	12c	CAFÉ REC
EXISTING LOAD	13a	(E)30/3													(E)20/1	14a	FREEZER
	15b														(E)20/2	16b	208V FLOOR REC
	17c															18c	
WALK IN COOLER CONDESER	19a	(E)20/3						624				1169			(E)20/3	20a	**KEF-MS-1**
	21b							624				1169				22b	
	23c							624				1169				24c	
EXISTING LOAD	25a	(E)20/3													(E)20/3	26a	EXISTING LOAD
	27b															28b	
	29c															30c	
SPARE	31a	(E)20/1													**20/1**	32a	**CONVETION OVEN**
SPARE	33b	(E)20/1														34b	**SHUNT TRIP**
SPARE	35c	(E)20/1													**20/1**	36c	**CONVETION OVEN**
SPARE	37a	(E)20/1														38a	**SHUNT TRIP**
WALK IN FREEZER EVAP	39b	**20/2**						1581	900						**20/1**	40b	**COMBI OVEN**
	41c							1581								42c	**SHUNT TRIP**



GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRANCH CURCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

C. ALL KITCHEN RECEPTACLES SHALL BE GFI PROTECTED PER NEC 210.8(B)

D. DISCONNECT AND RETAIN ALL DEVICES INDICATES AS (ER) TO ALLOW FOR CEILING TILE REPLACEMENT. REINSTALL ONCE NEW CEILING IS IN PLACE.

DEMOLITON NOTES

1. DISCONNECT EXISTING HOOD. RETAIN EXISTING CIRCUIT(S) FOR REUSE.
2. DISCONNECT EXISTING WALK IN LIGHTS. RETAIN EXISTING CIRCUIT FOR REUSE
3. DISCONNECT EXISTING FIRE SUPPRESSION SYSTEM. RETAIN EXISTING CIRCUIT FOR REUSE
4. DISCONNECT AND REMOVE EXISTING RECEPTACLE. REMOVE EXISTING BRANCH CIRCUITING BACK TO SOURCE AND LABEL BREAKER AS "SPARE"

DRAWING NOTES

1. CONNECT NEW HOOD TO PREVIOUSLY RETAINED CIRCUIT(S). EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS
2. CONNECT NEW WALK IN LIGHTS TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS.
3. CONNECT NEW FIRE SUPRRESSION SYSTEM TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS. REFER TO DRAWING FS206 FOR ADDITONAL INFORMATION. EC TO FURNISH BACKBOX AND CONDUIT FOR EMERGENCY PULL STATION. COORDINATE EXACT LOCATION IN THE FIELD.
4. PROVIDE NEW EMERGENCY GAS SHUT OFF SOLENOID AND CONNECT TO FIRE SUPRESSION SYSTEM. COORDINATE EXACT LOCATION AND QUANTITY IN THE FIELD\
5. DISHWASHER FURNUSHED BY OWNER. CONTRACTOR TO INSTALL. PROVIDE NEW 175A/3P BREAKER IN PANEL MDP-1 LOCATED IN JANITOR 115 WITH (3)#2/0, (1)#6G IN 1 1/2" CONDUIT. PROVIDE 200A, NEMA 3R, NON FUSED DISCONECT AS DISCONNECTING MEANS.

KITCHEN EQUIPMENT ELECTRICAL CONNECTION SCHEDULE

KITCHEN EQUIPMENT DESIGNATION	DESCRIPTION	QTY.	LOAD			VOLTAGE	PHASE	PANEL	CIRCUIT BREAKER		BRANCH CIRCUIT WIRING			CONNECTION TYPE				NEMA 1 DISC. SWITCH		NOTES
			HP	KW	AMPS				SIZE	SHUNT TRIP	PHASE	GND	CONDUIT	NEMA PLUG AND RECEPT	GFCI	RECPT. HEIGHT A.F.F.	HARD WIRED	SWITCH AMPS	FUSE SIZE	
01, 02, 03	EXHAUST HOOD	1			10	120	1	(E)	20A/1P	X	(2)#12	(1)#12	3/4"			108"	X			
04	COMBI OVEN	2			7.5	120	1	VARIOUS	20A/1P	X	(2)#12	(1)#12	3/4"		X	48"	X	20	NF	1
05	CONVECTION OVEN	2			16	120	1	KP1	20A/1P	X	(2)#12	(1)#12	3/4"	5-20	X	48"				
06	60 GALLON KETTLE	1			5	120	1	KP2	20A/1P	X	(2)#12	(1)#12	3/4"	5-20	X	18"				
07	60 GALLON KETTLE	1			1.5	120	1	KP2	20A/1P	X	(2)#12	(1)#12	3/4"	5-20	X	36"				
09	WALK IN COOLER/FREEZER	2				120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"			108"	X			4
10	WALK IN COOLER EVAPORATOR	1			1.8	120	1	KP2	20A/1P		(2)#12	(1)#12	3/4"			108"	X	20	NF	1
11	WALK IN COOLER CONDENSING UNIT	1			5.2	208	3	KP1	15A/3P		(3)#12	(1)#12	3/4"				X			2,3
12	WALK IN FREEZER EVAPORATOR	1			15.2	208	1	KP1	20A/2P		(2)#12	(1)#12	3/4"			108"	X	30	NF	
12.1	HEAT TRACE	1			10	120	1	L	20A/1P		(2)#12	(1)#12	3/4"			84"	X	20	NF	1
13	WALK IN FREEZER CONDENSING UNIT	1			19.1	208	3	L	40A/3P		(3)#8	(1)#10	3/4"				X			2,3
18	FIRE SUPPRESSION	1				120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"			108"	X	20	NF	1

* = ASSUMED LOAD

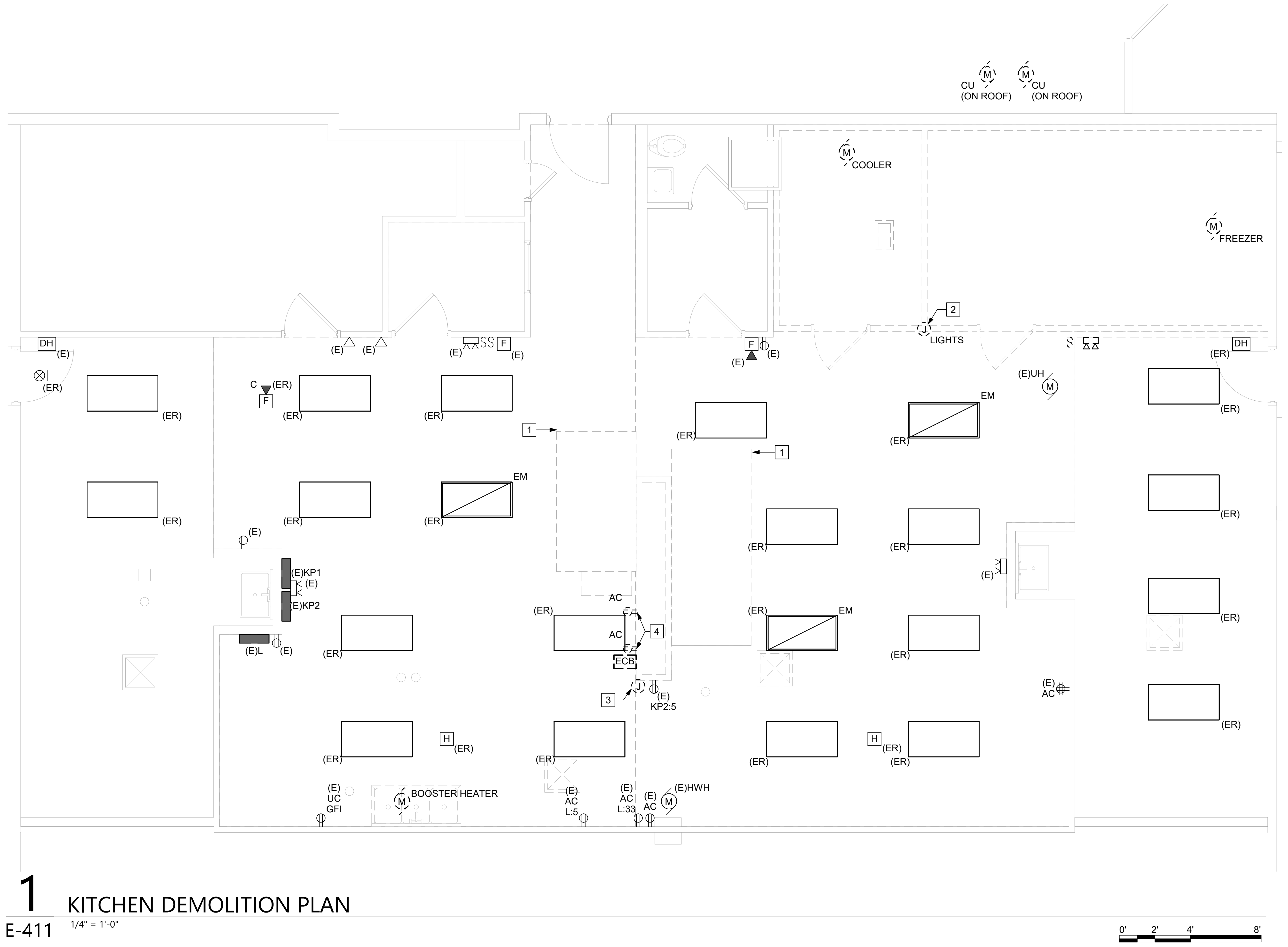
REFERENCE NOTES:

1. UTILIZE MOTOR RATED TOGGLE SWITCH AS DISCONNECTING MEANS
2. DISCONNECT FURNISHED WITH UNIT
3. PROVIDE DATA CONNECTION FOR BMS MONITORING
4. PROVIDE DATA CONNECTION FOR BURGLAR ALARM

EXISTING PANELBOARD DIRECTORY

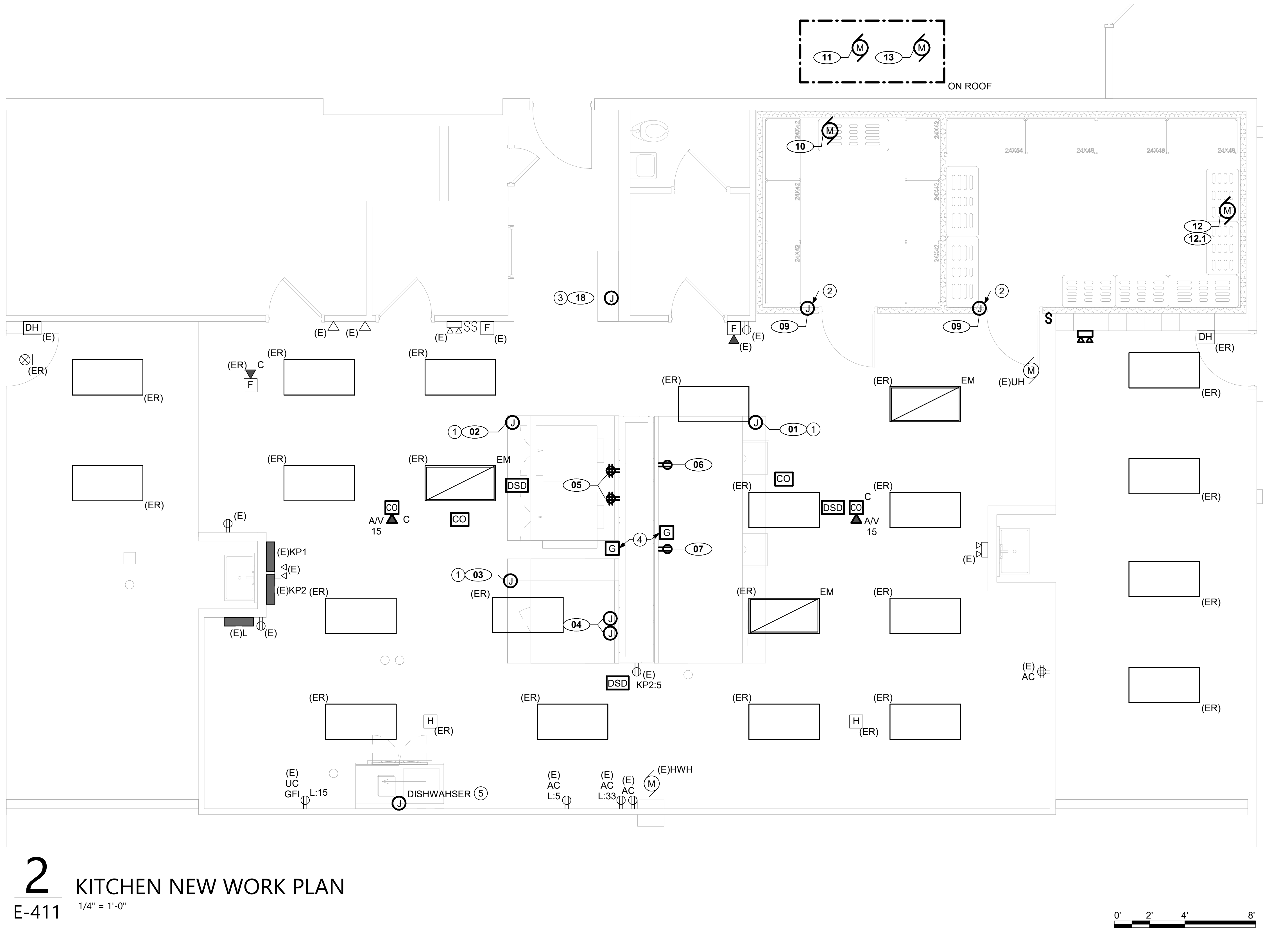
M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	MIDDLE SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	KITCHEN	AIC:		WIRE:	4	BUS RATING:	225
		SOURCE:				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
HOT WATER HEATER	1a	(E)30/2													(E)20/3	2a	EXISTING LOAD
	3b															4b	
REC	5c	(E)20/1														6c	
EXISTING LOAD	7a	(E)20/2							2999						(E)40/3	8a	**WALK IN FREEZER EVAPORATOR**
	9b								2999							10b	
EXISTING LOAD	11c	(E)20/2							2999							12c	
	13a											1343			**15/3**	14a	**MAU-MS-1**
REGISTER/WALK IN REC	15b	(E)15/1										1343				16b	
EXISTING LOAD	17c	(E)20/1										1343				18c	
CHIP MACHINE	19a	(E)20/1													(E)90/3	20a	VULCAN MACHINE
MICROWAVE CAFÉ	21b	(E)20/1														22b	
EXISTING LOAD	23c	(E)20/1														24c	
AQUAFINA MACHINE	25a	(E)20/1													(E)50/3	26a	SPARE
ICE CREAM MACHINE	27b	(E)20/1														28b	
EXISTING LOAD	29c	(E)20/1														30c	
EXISTING LOAD	31a	(E)20/1							900						(E)20/1	32a	SPARE
REC	33b	(E)20/1													(E)20/1	34b	SPARE
EXISTING LOAD	35c	(E)20/1													(E)20/1	36c	**HEAT TRACE**
CONDENSOR BAND ROOM	37a	(E)30/3														38a	SPACE
	39b															40b	SPACE
	41c															42c	SPACE



1 KITCHEN DEMOLITION PLAN

E-411 1/4" = 1'-0"



2 KITCHEN NEW WORK PLAN

E-411 1/4" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_MS_ELEC_Central_R24.rvt

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433 STATE STREET, 4TH FLOOR SCHENECTADY, NY 12305
518.533.2171 www.meengineering.com
M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
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CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title

KITCHEN PLANS

Sheet No.

WMS E-411

CONSTRUCTION DOCUMENTS

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

DEMOLITON NOTES

1. DISCONNECT EXISTING HVAC EQUIPMENT. RETAIN EXISTING CIRUCIT FOR REUSE.

DRAWING NOTES

1. CONNECT NEW HVAC EQUIPMENT TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRUCIT CHARACTERISTICS.

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

ABBREVIATIONS

AU	AT UNIT	IU	INTEGRAL WITH UNIT
B	ASD WITH BYPASS	M	MULTIPLE MOTOR ASD
ECB	ENCLOSED CIRCUIT BREAKER	NF	NON-FUSED
F	FUSED	R	ASD WITH REDUNDANT ASD
HOA	HAND-OFF-AUTO WITH RELAY	RE	REMOTE

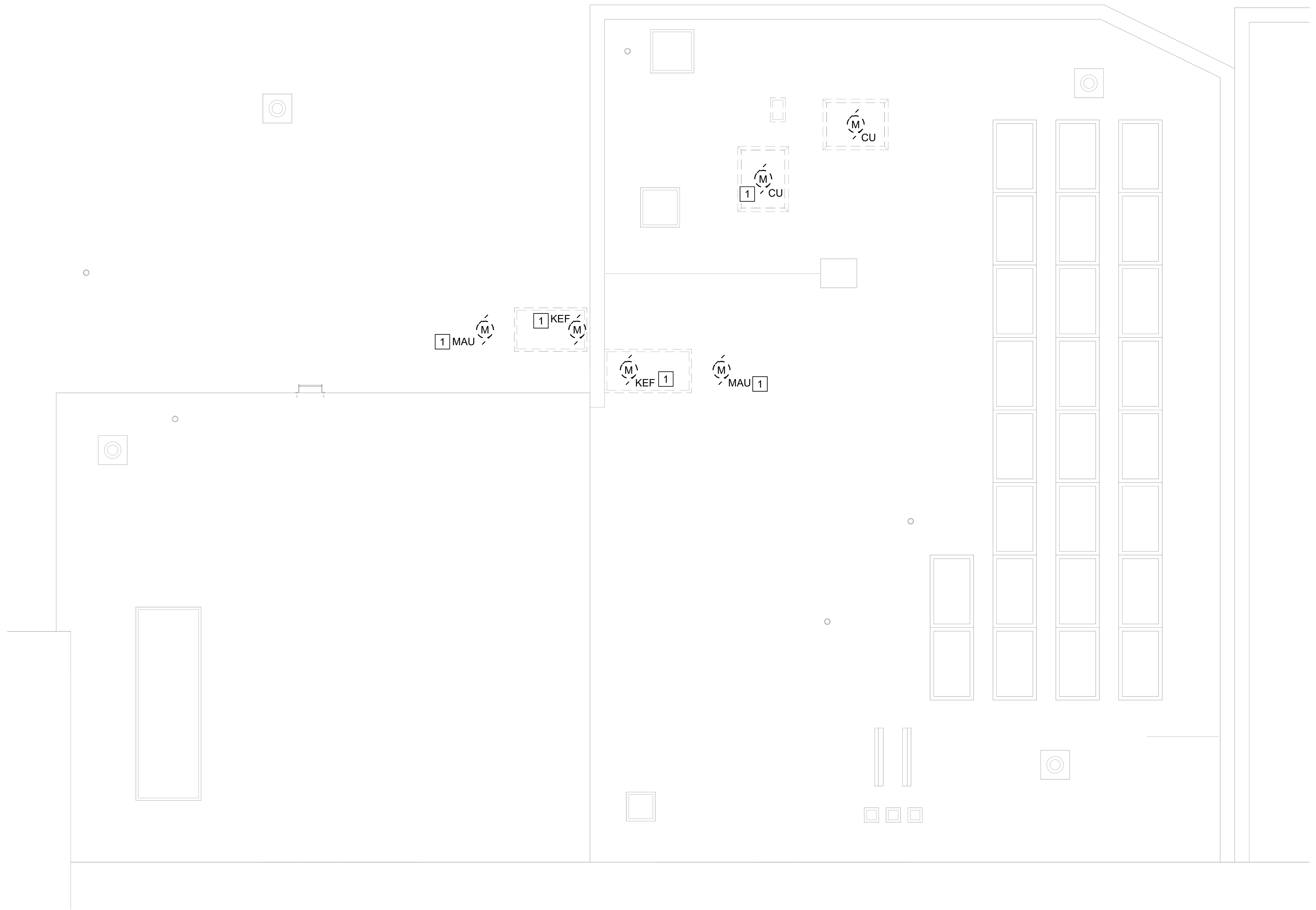
GENERAL NOTES

A. REFER TO SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS

B. PROVIDE CONTROLLER SIZED PER HP/AMPS.

C. LOCATIONS/QUANTITIES OF FIRE ALARM DUCT DETECTORS ARE SHOWN ON PLANS

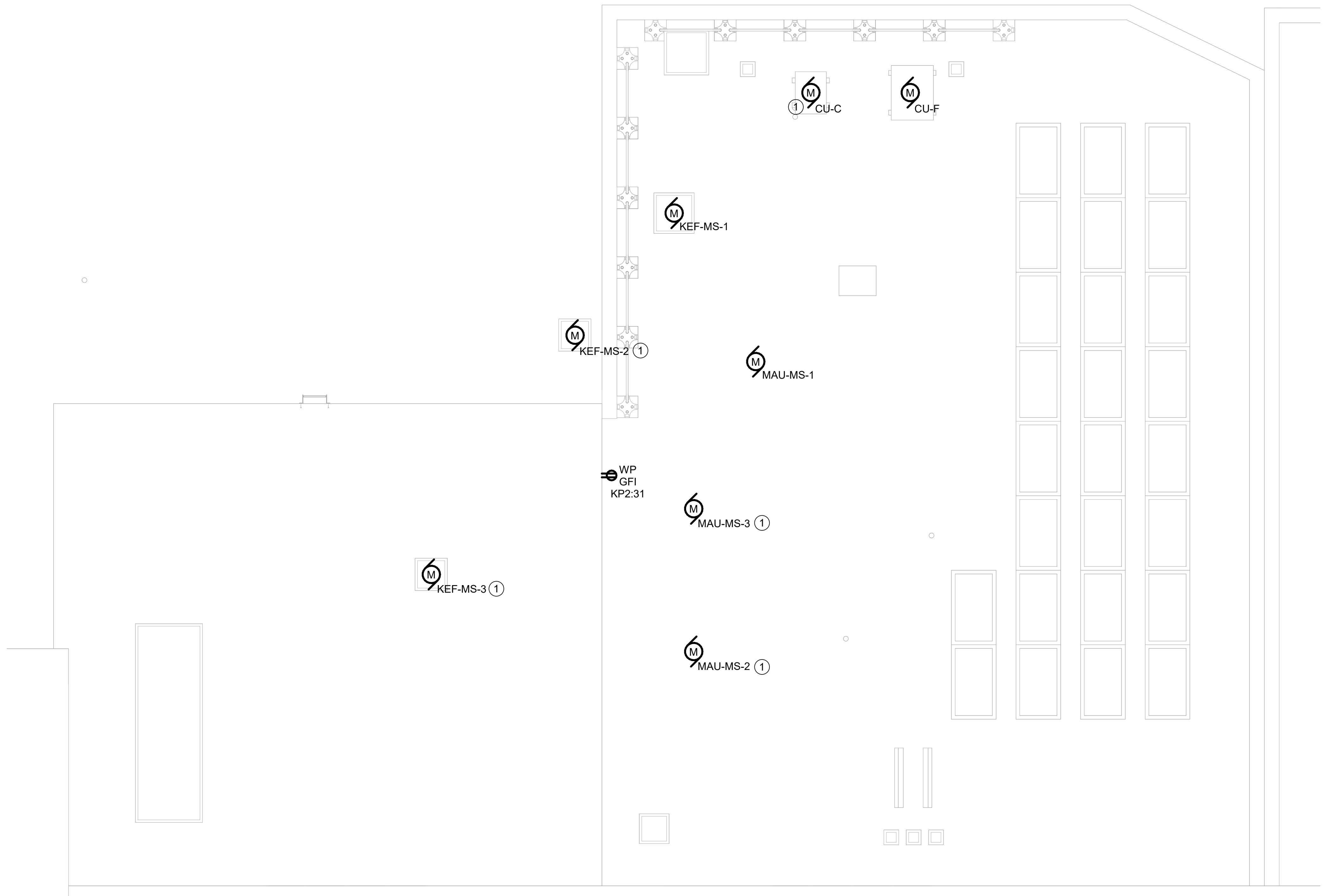
EQUIPMENT								POWER SOURCE, PROTECTION & WIRING					MOTOR CONTROLLER								DISCONNECTING MEANS					CONNECTIONS				EQUIPMENT	
ITEM ID	NAME	ROOM LOCATION	HP	KW	AMPERAGE	PHASE	VOLTAGE	SOURCE	OCPD RATING	WIRING FROM SOURCE TO EQUIPMENT VIA CONTROLLER / DISCONNECTING MEANS			MANUAL MOTOR STARTER	MAGNETIC MOTOR STARTER	COMBINATION MAGNETIC STARTER AND SAFETY SWITCH	ADJUSTABLE SPEED DRIVE	PACKAGED CONTROL UNIT	NEMA ENCLOSURE TYPE	NEMA STARTER SIZE	LOCATION	SAFETY SWITCH	SAFETY SWITCH AMPERE RATING	FUSE/CB AMPERE RATING	NEMA ENCLOSURE TYPE	LOCATION	FIRE ALARM SHUTDOWN	FIRE ALARM DUCT DETECTOR(S)	MOTORIZED DAMPER	LINE VOLTAGE TEMPERATURE CONTROL	REFERENCE NOTES	ITEM ID
										PHASE	GROUND	CONDUIT																			
KEF-MS-1	EXHAUST FAN	ROOF	2			3	208	KP1	20A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU						KEF-MS-1
KEF-MS-2	EXHAUST FAN	ROOF	3/4			3	208	(E)	20A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU						KEF-MS-2
KEF-MS-3	EXHAUST FAN	ROOF	3/4			3	208	(E)	20A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU						KEF-MS-3
RTU-MS-1	ROOFTOP UNIT	ROOF			11.2	3	208	L	15A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU	X					RTU-MS-1
RTU-MS-2	ROOFTOP UNIT	ROOF			8.3	3	208	(E)	15A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU	X					RTU-MS-2
RTU-MS-3	ROOFTOP UNIT	ROOF			7.4	3	208	(E)	15A/3P	(3)#12	(1)#12	3/4"					X			IU	-	-	-	-	IU	X					RTU-MS-3



1 PARTIAL ROOF REMOVALS PLAN

E-412 3/16" = 1'-0"

0' 4' 8' 12'



2 PARTIAL ROOF NEW WORK PLAN

E-412 3/16" = 1'-0"

0' 4' 8' 12'

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

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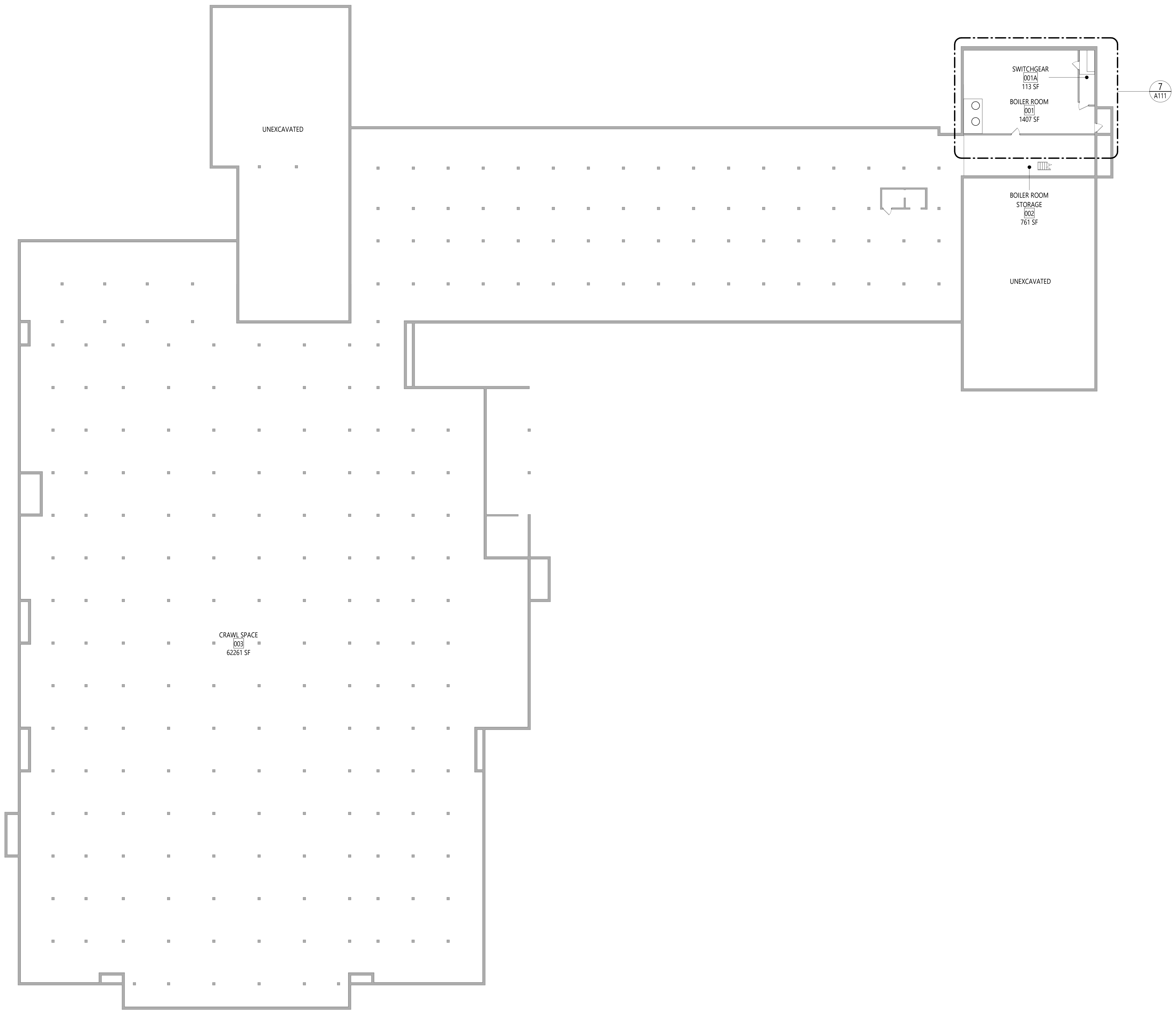
Sheet Title

ROOF PLANS

Sheet No.

WMS
E-412

CONSTRUCTION DOCUMENTS



1
G101
BOILER ROOM-CRAWL SPACE PLAN - OVERALL
1" = 20'-0"

NOTE:
REFER TO MEP DRAWINGS FOR
SCOPE OF WORK IN THIS AREA.

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
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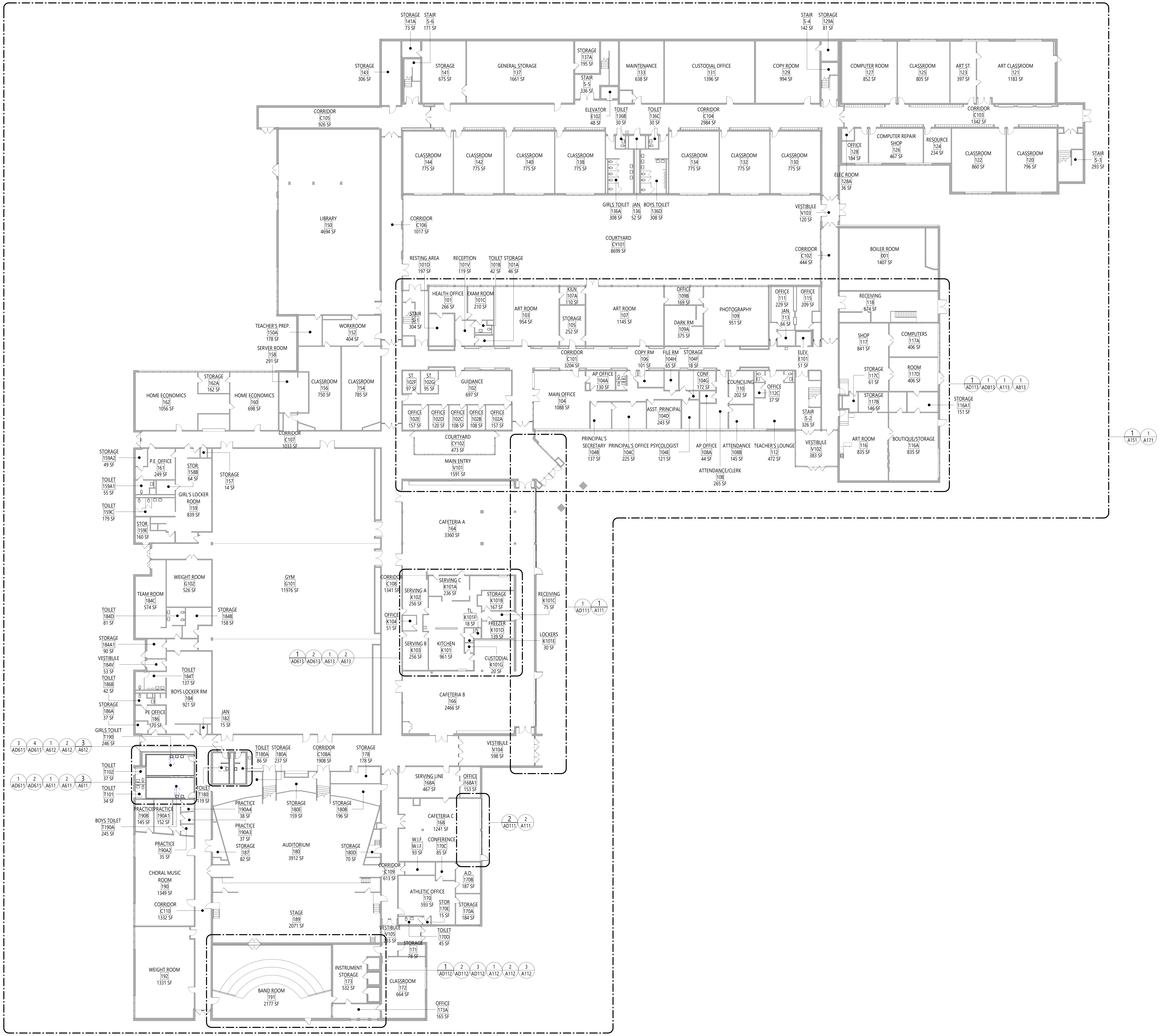
BOILER
ROOM-CRAWL
SPACE PLAN -
OVERALL

Sheet No.

WHS
G101

CONSTRUCTION DOCUMENTS



1 GROUND FLOOR PLAN - OVERALL
G111
1" = 20'-0"

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

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GROUND FLOOR PLAN - OVERALL

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WHS
G111

CONSTRUCTION DOCUMENTS

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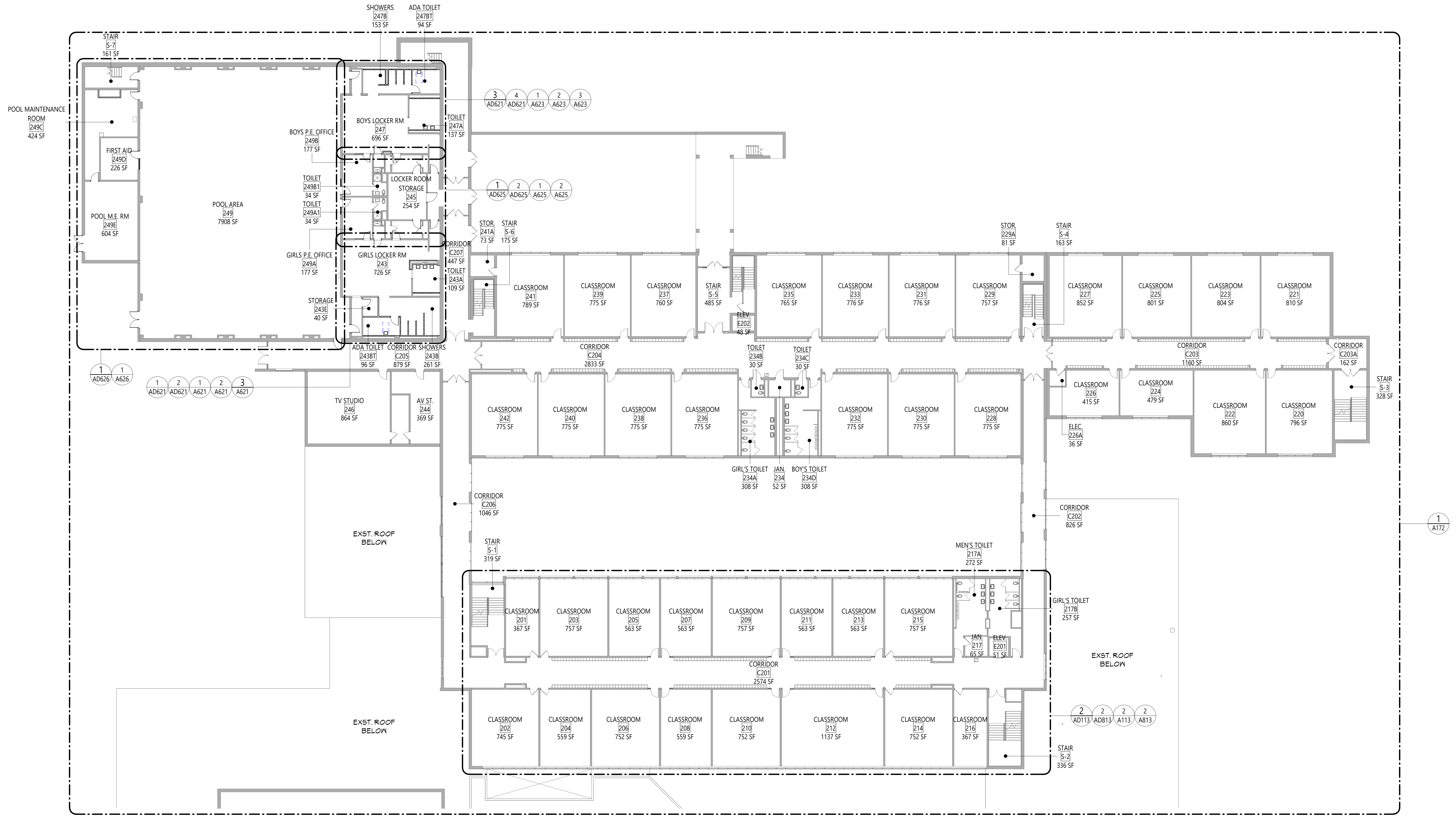

1 SECOND FLOOR PLAN - OVERALL

G121 1" = 20'-0"

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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344

REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By: SI
Checked By: DM
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

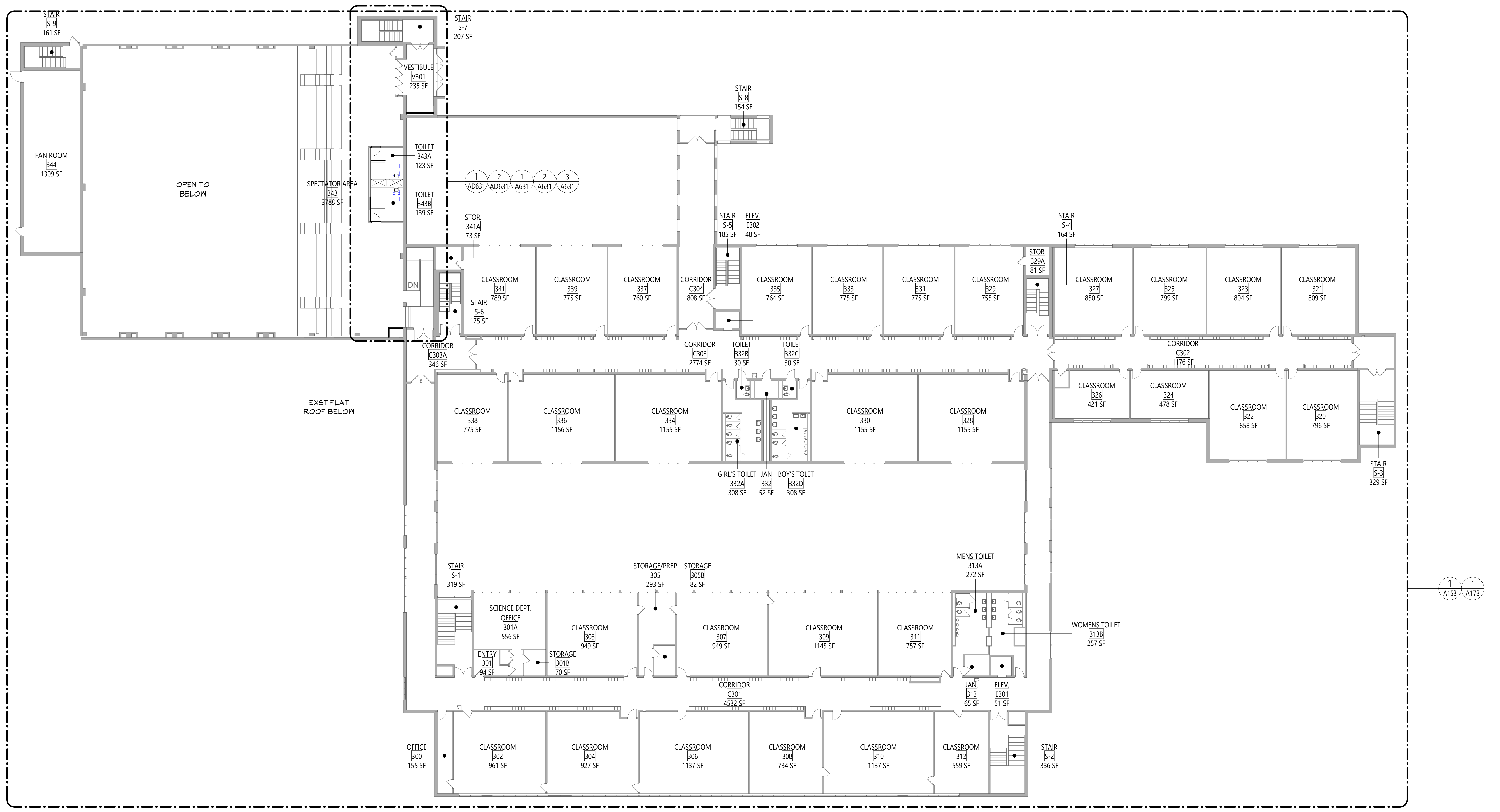
Sheet Title

SECOND FLOOR PLAN - OVERALL

Sheet No.

WHS G121

CONSTRUCTION DOCUMENTS



1 THIRD FLOOR PLAN - OVERALL
G131
1" = 20'-0"

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

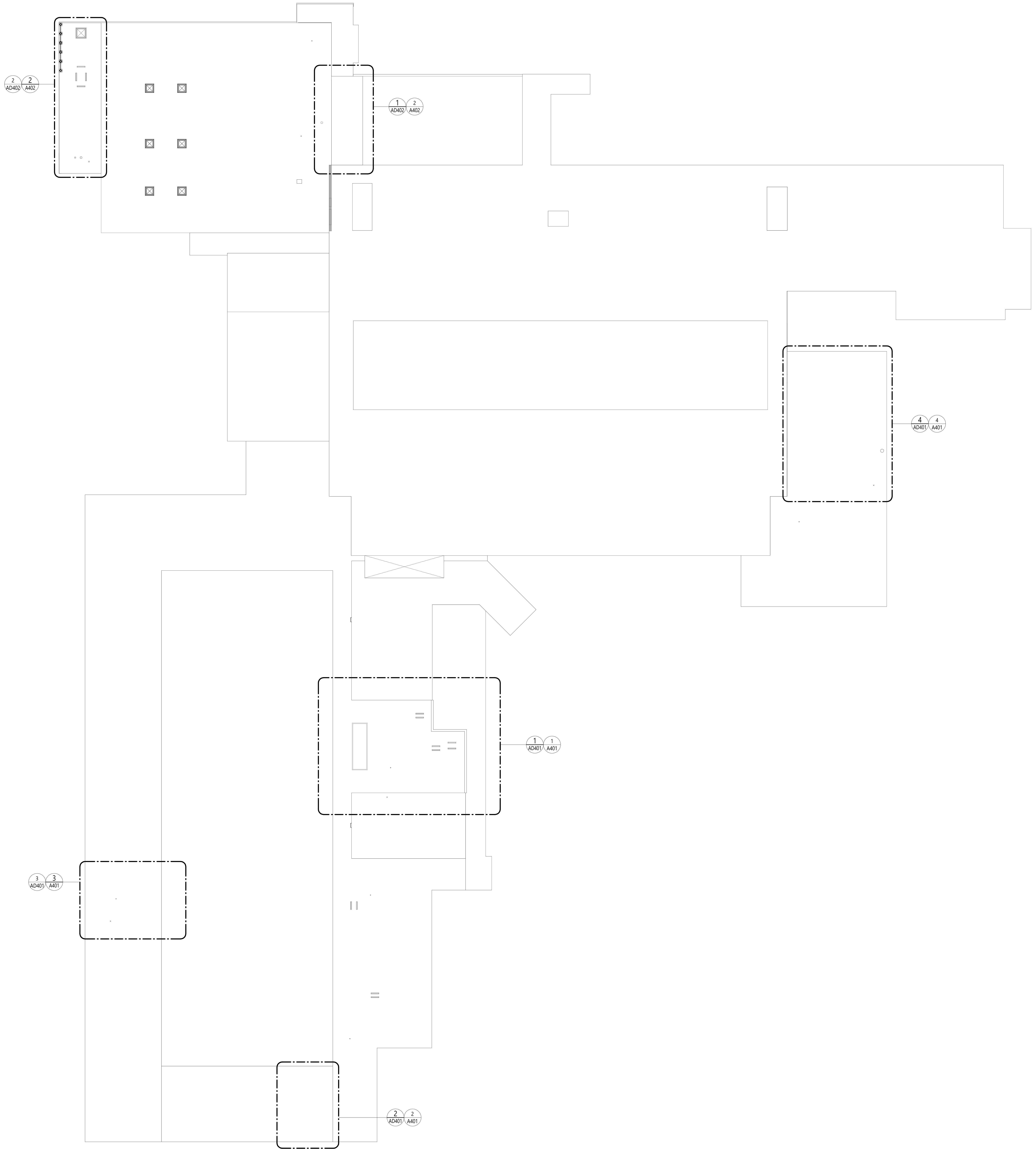
Sheet Title

THIRD FLOOR PLAN - OVERALL

Sheet No.

WHS
G131

CONSTRUCTION DOCUMENTS



1 ROOF PLAN - OVERALL
G400
3/64" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

CSARCH
19 Front St. · Newburgh · New York 12550-7601
845 · 561 · 3179   www.csarchpc.com

Consultant

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

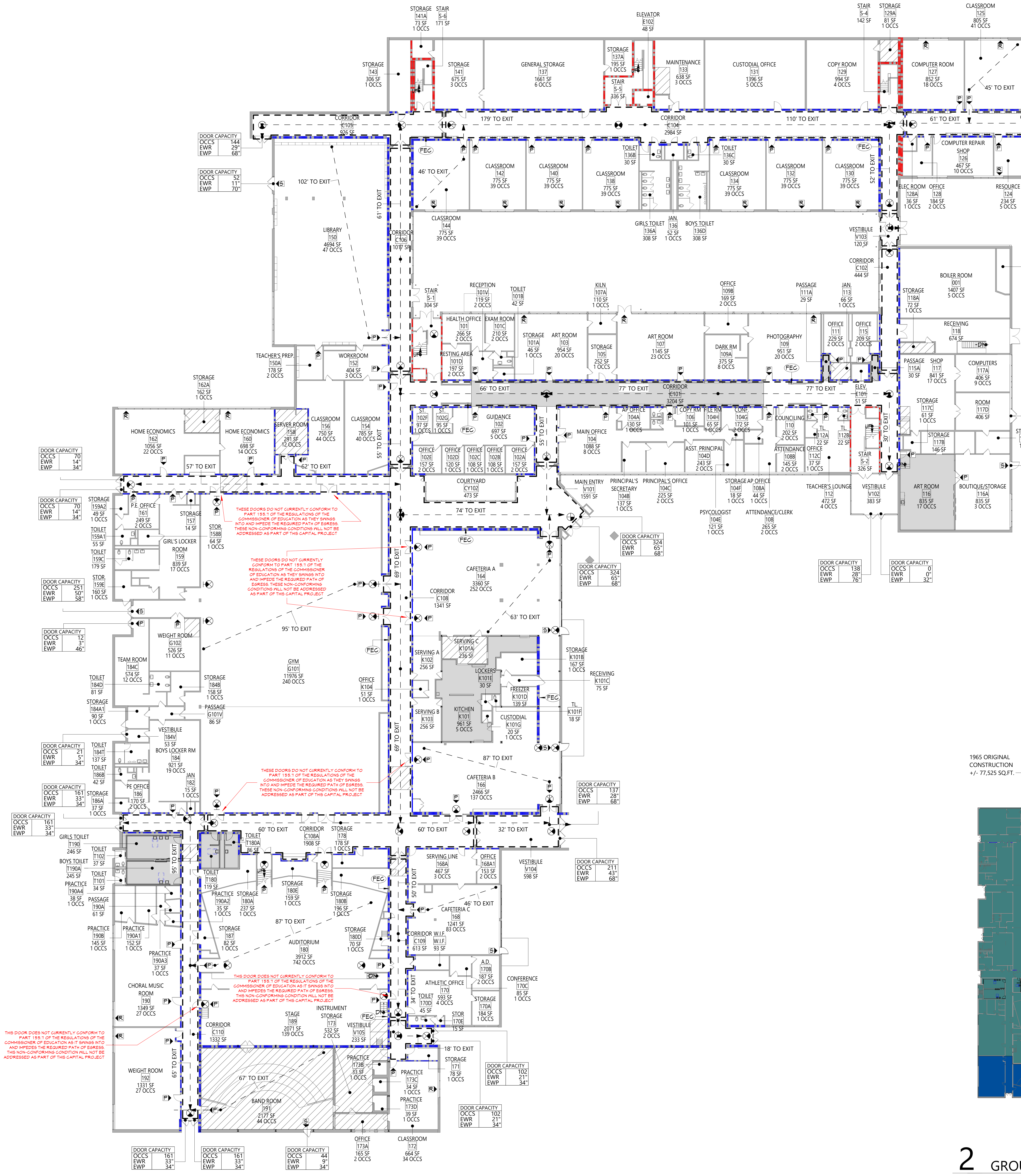
Sheet Title

ROOF PLAN - OVERALL

Sheet No.

WHS
G400

CONSTRUCTION DOCUMENTS


STORAGE 141A 73 SF 1 OCCS
STAIR S-6 171 SF
ELEVATOR E102 48 SF
STAIR S-4 142 SF
STORAGE 129A 81 SF 1 OCCS
CLASSROOM 125 805 SF 41 OCCS
STORAGE 143 306 SF 1 OCCS
STORAGE 141 675 SF 3 OCCS
GENERAL STORAGE 137 1661 SF 6 OCCS
STORAGE 137A 195 SF 1 OCCS
STAIR S-5 336 SF
MAINTENANCE 133 638 SF 3 OCCS
CUSTODIAL OFFICE 131 1396 SF 5 OCCS
COPY ROOM 129 994 SF 4 OCCS
COMPUTER ROOM 127 852 SF 18 OCCS
ART ST. 123 397 SF 1 OCCS
ART CLASSROOM 121 1183 SF 24 OCCS
CORRIDOR C105 326 SF
179' TO EXIT
CORRIDOR C104 2984 SF
110' TO EXIT
61' TO EXIT
CORRIDOR C103 1342 SF
45' TO EXIT
LIBRARY 150 4694 SF 47 OCCS
102' TO EXIT
61' TO EXIT
46' TO EXIT
CLASSROOM 142 775 SF 39 OCCS
CLASSROOM 140 775 SF 39 OCCS
CLASSROOM 138 775 SF 39 OCCS
CLASSROOM 134 775 SF 39 OCCS
CLASSROOM 132 775 SF 39 OCCS
CLASSROOM 130 775 SF 39 OCCS
COMPUTER REPAIR SHOP 126 467 SF 10 OCCS
CLASSROOM 122 860 SF 43 OCCS
CLASSROOM 120 796 SF 40 OCCS
STAIR S-3 293 SF
CLASSROOM 144 775 SF 39 OCCS
GIRLS TOILET 136A 308 SF
BOYS TOILET 136D 308 SF
VESTIBULE V103 120 SF
CORRIDOR C102 444 SF
SWITCHGEAR 001A 113 SF
BOILER ROOM 001 1407 SF 5 OCCS
HEALTH OFFICE 101 266 SF 2 OCCS
ART ROOM 103 954 SF 20 OCCS
ART ROOM 107 1145 SF 23 OCCS
DARK RM 109A 375 SF 8 OCCS
PHOTOGRAPHY 109 951 SF 20 OCCS
RECEIVING 118 674 SF
COMPUTERS 117A 406 SF 9 OCCS
TEACHER'S PREP. 150A 178 SF 2 OCCS
WORKROOM 152 404 SF 3 OCCS
66' TO EXIT
77' TO EXIT
CORRIDOR C101 3204 SF
77' TO EXIT
HOME ECONOMICS 162 1056 SF 22 OCCS
HOME ECONOMICS 160 698 SF 14 OCCS
SERVER ROOM 158 291 SF 12 OCCS
CLASSROOM 156 750 SF 44 OCCS
CLASSROOM 154 785 SF 40 OCCS
GUIDANCE 102 697 SF 5 OCCS
MAIN OFFICE 104 1088 SF 8 OCCS
ATTENDANCE 108B 145 SF 2 OCCS
ART ROOM 116 835 SF 17 OCCS
BOUTIQUE/STORAGE 116A 835 SF 3 OCCS
57' TO EXIT
62' TO EXIT
55' TO EXIT
30' TO EXIT
COURTYARD CY102 473 SF
MAIN ENTRY V101 1591 SF
74' TO EXIT
GIRL'S LOCKER ROOM 159 839 SF 17 OCCS
STOR. 158B 64 SF 1 OCCS
CAFETERIA A 164 3360 SF 252 OCCS
CORRIDOR C108 1341 SF
63' TO EXIT
95' TO EXIT
69' TO EXIT
GYM G101 11976 SF 240 OCCS
WEIGHT ROOM G102 526 SF 11 OCCS
TEAM ROOM 184C 574 SF 12 OCCS
SERVING A K102 256 SF
SERVING B K103 256 SF
KITCHEN K101 961 SF 5 OCCS
BOYS LOCKER RM 184 921 SF 19 OCCS
PASSAGE G101V 86 SF
87' TO EXIT
CAFETERIA B 166 2466 SF 137 OCCS
60' TO EXIT
CORRIDOR C108A 1908 SF
STORAGE 178 178 SF 1 OCCS
TOILET T180A 86 SF
60' TO EXIT
32' TO EXIT
SERVING LINE 168A 467 SF 3 OCCS
46' TO EXIT
CAFETERIA C 168 1273 SF 83 OCCS
AUDITORIUM 180 3912 SF 742 OCCS
STORAGE 187 82 SF 1 OCCS
STORAGE 180D 70 SF 1 OCCS
87' TO EXIT
CHORAL MUSIC ROOM 190 1349 SF 27 OCCS
CORRIDOR C110 1332 SF
STAGE 189 2071 SF 139 OCCS
INSTRUMENT STORAGE 173 532 SF 2 OCCS
VESTIBULE V105 233 SF
ATHLETIC OFFICE 170 593 SF 4 OCCS
18' TO EXIT
WEIGHT ROOM 192 1331 SF 27 OCCS
65' TO EXIT
67' TO EXIT
BAND ROOM 191 2177 SF 44 OCCS
OFFICE 173A 165 SF 2 OCCS
CLASSROOM 172 664 SF 34 OCCS

THESE DOORS DO NOT CURRENTLY CONFORM TO PART 155.7 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS THEY SWINGS INTO AND IMPEDE THE REQUIRED PATH OF EGRESS. THESE NON-CONFORMING CONDITIONS WILL NOT BE ADDRESSED AS PART OF THIS CAPITAL PROJECT

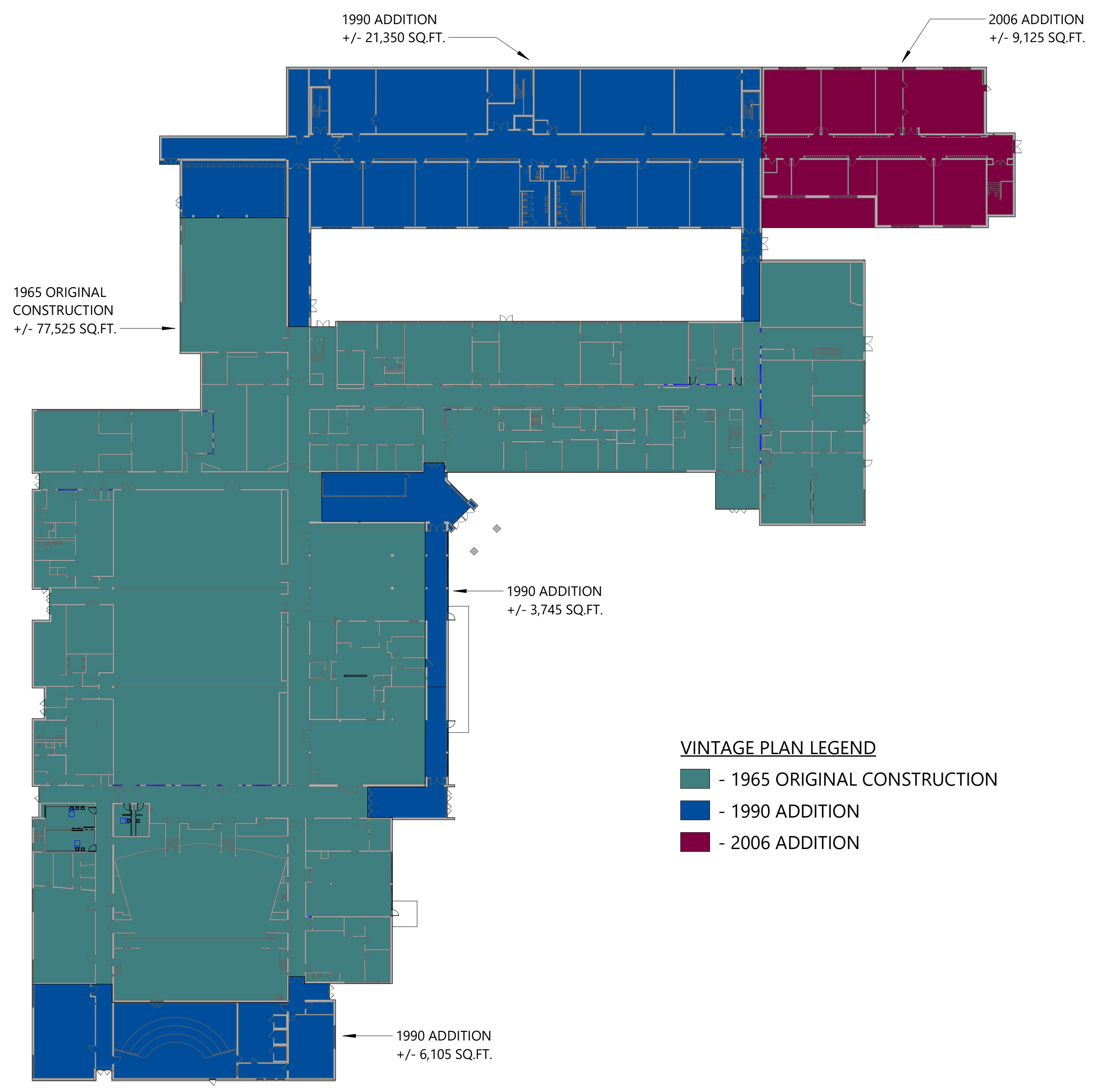
THESE DOORS DO NOT CURRENTLY CONFORM TO PART 155.7 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS THEY SWINGS INTO AND IMPEDE THE REQUIRED PATH OF EGRESS. THESE NON-CONFORMING CONDITIONS WILL NOT BE ADDRESSED AS PART OF THIS CAPITAL PROJECT

THESE DOORS DO NOT CURRENTLY CONFORM TO PART 155.7 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS THEY SWINGS INTO AND IMPEDE THE REQUIRED PATH OF EGRESS. THESE NON-CONFORMING CONDITIONS WILL NOT BE ADDRESSED AS PART OF THIS CAPITAL PROJECT

THIS DOOR DOES NOT CURRENTLY CONFORM TO PART 155.7 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS IT SWINGS INTO AND IMPEDES THE REQUIRED PATH OF EGRESS. THIS NON-CONFORMING CONDITION WILL NOT BE ADDRESSED AS PART OF THIS CAPITAL PROJECT

THIS DOOR DOES NOT CURRENTLY CONFORM TO PART 155.7 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION AS IT SWINGS INTO AND IMPEDES THE REQUIRED PATH OF EGRESS. THIS NON-CONFORMING CONDITION WILL NOT BE ADDRESSED AS PART OF THIS CAPITAL PROJECT

1 GROUND FLOOR - OVERALL - LIFE SAFETY
LS111 1" = 20'-0"



VINTAGE PLAN LEGEND
- 🟩 - 1965 ORIGINAL CONSTRUCTION
- 🟦 - 1990 ADDITION
- 🟥 - 2006 ADDITION

2 GROUND FLOOR - OVERALL - VINTAGE PLAN
LS111 1" = 50'-0"

LIFE SAFETY PLAN LEGEND

P ▷	PRIMARY EXIT
S ▷	SECONDARY EXIT
R ▷	RESCUE WINDOW (SECONDARY EXIT)
♿	ACCESSIBLE EXIT
♿	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (## OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
DOOR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
STAIR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
⊗→	EXIT PATH OF TRAVEL (START - END)
⊗	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
⊗	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED	AUTOMATED EXTERNAL DEFIBRILLATOR
DF	DRINKING FOUNTAIN
ESE	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FEC	FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

▬ ▬ ▬ ▬	SMOKE BARRIER
▨	CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

🟦	1 HOUR RATED FIRE PARTITION
🟥	1 HOUR RATED FIRE BARRIER
🟥	2 HOUR RATED FIRE BARRIER
🟧	2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1965
CONSTRUCTION TYPE:	IIIB
FIRST FLOOR AREA:	77,525 SF GROSS
SECOND FLOOR AREA:	16,415 SF GROSS
THIRD FLOOR:	16,430 SF GROSS
ADDITION CONSTRUCTION:	1990
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	31,200 SF GROSS
SECOND FLOOR AREA:	36,390 SF GROSS
THIRD FLOOR AREA:	34,635 SF GROSS
ADDITION CONSTRUCTION:	2006
CONSTRUCTION TYPE:	IB
FIRST FLOOR AREA:	9,125 SF GROSS
SECOND FLOOR AREA:	9,125 SF GROSS
THIRD FLOOR AREA:	9,125 SF GROSS

CLASSIFICATION OF WORK:

▨	LEVEL 1 ALTERATION
▩	LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$	$A_a = A_t+(NS \times I_f)$
$I_f = [2,206/2,206 - 0.25]W/30$	$A_a = 14,500+(14,500 \times 0.75)$
$I_f = [1 - 0.25]\ 30/30$	$A_a = 14,500+(10,875)$
$I_f = [0.75]\ 1$	$A_a = 25,375$ sq ft
$I_f = 0.75\%$	

CODE NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO THE APPLICABLE PROVISIONS OF THE FOLLOWING:

- NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE
- 2020 BUILDING CODES OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2017 ELECTRICAL CODE OF NEW YORK STATE
- 2022 MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT

SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

B. SEPARATE FIRE AREAS AND SEPARATE BUILDING AREAS ARE SEPARATE SMOKE ZONES.

CSARCH
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845 · 561 · 3179 www.csarchpc.com

Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

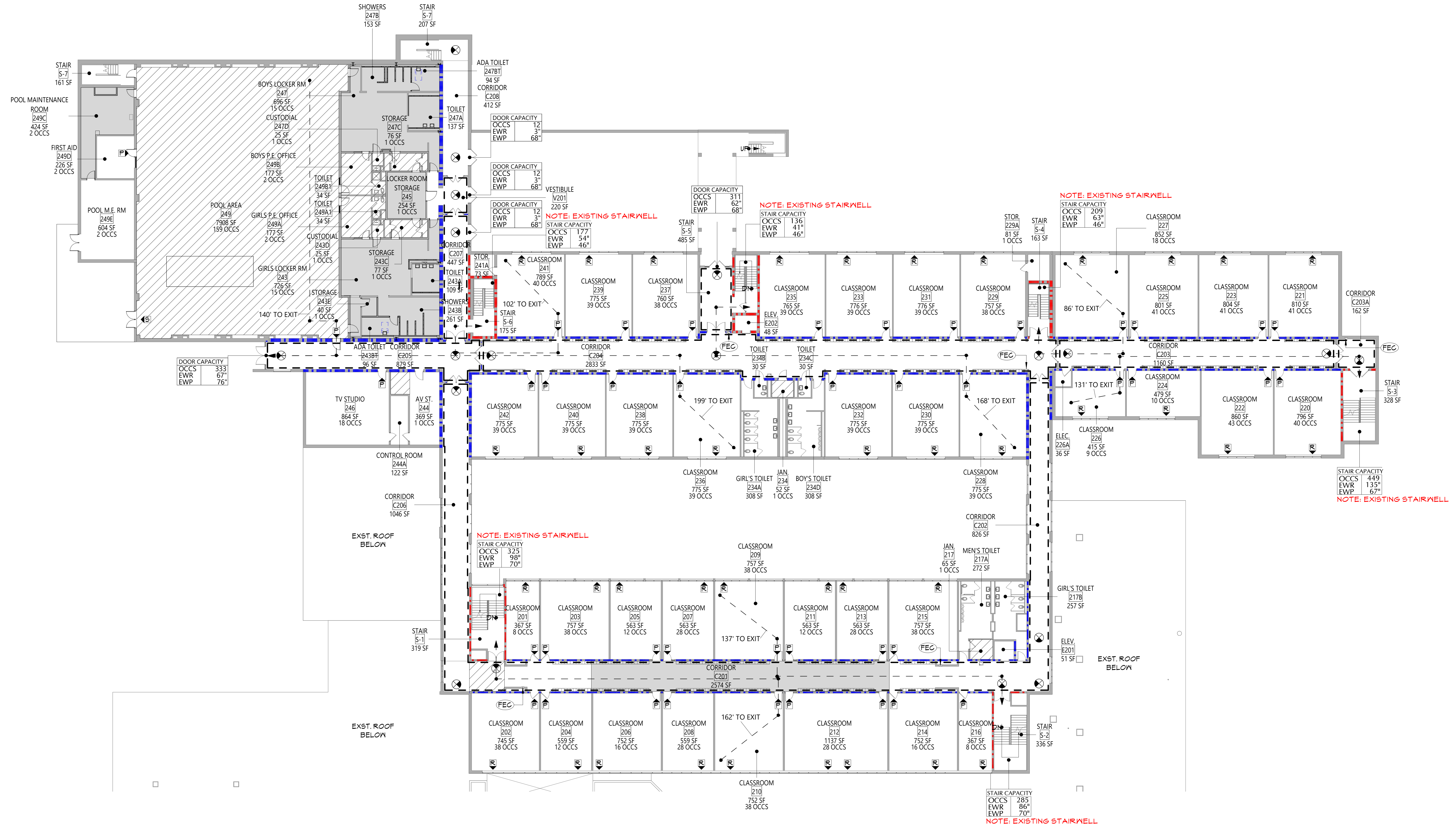
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GROUND FLOOR - OVERALL - LIFE SAFETY PLAN

Sheet No.
WHS
LS111

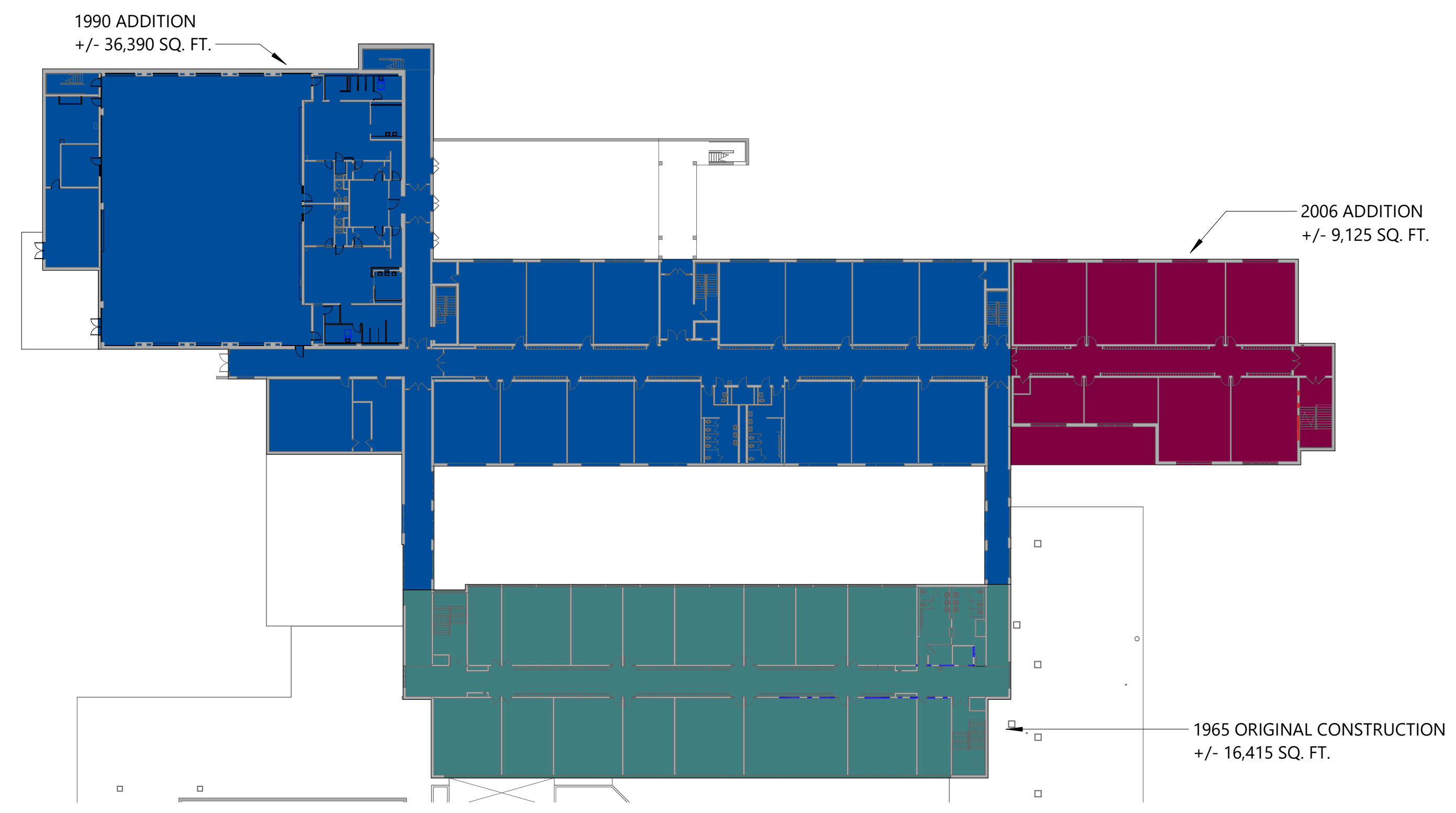
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt


SHOWERS 247B 153 SF
STAIR S-7 207 SF
STAIR S-7 161 SF
POOL MAINTENANCE ROOM 249C 424 SF 2 OCCS
FIRST AID 249D 226 SF 2 OCCS
POOL M.E. RM 249E 604 SF 2 OCCS
POOL AREA 249 7908 SF 159 OCCS
BOYS LOCKER RM 247 696 SF 15 OCCS
CUSTODIAL 247D 25 SF 1 OCCS
BOYS P.E. OFFICE 249B 177 SF 2 OCCS
GIRLS P.E. OFFICE 249A 177 SF 2 OCCS
GIRLS LOCKER RM 245 726 SF 15 OCCS
STORAGE 247C 76 SF 1 OCCS
LOCKER ROOM STORAGE 245 254 SF 1 OCCS
TOILET 249B1 34 SF
TOILET 249A1 34 SF
CUSTODIAL 243D 25 SF 1 OCCS
STORAGE 243C 77 SF 1 OCCS
STORAGE 243E 40 SF 1 OCCS
140' TO EXIT
ADA TOILET 247BT 94 SF
CORRIDOR C208 412 SF
TOILET 247A 137 SF
DOOR CAPACITY OCCS 12 EWR 3" EWP 68"
VESTIBULE V201 220 SF
NOTE: EXISTING STAIRWELL
STAIR CAPACITY OCCS 177 EWR 54" EWP 46"
STAIR S-5 485 SF
DOOR CAPACITY OCCS 311 EWR 62" EWP 68"
STAIR CAPACITY OCCS 136 EWR 41" EWP 46"
STOR 229A 81 SF 1 OCCS
STAIR S-4 163 SF
STAIR CAPACITY OCCS 209 EWR 63" EWP 46"
CLASSROOM 227 852 SF 18 OCCS
CORRIDOR C207 447 SF
STOR 241A 73 SF
TOILET 243A 109 SF
SHOWERS 243B 261 SF
STAIR S-6 175 SF
CLASSROOM 241 789 SF 40 OCCS
102' TO EXIT
CLASSROOM 239 775 SF 39 OCCS
CLASSROOM 237 760 SF 38 OCCS
ELEV. E202 48 SF
CLASSROOM 235 765 SF 39 OCCS
CLASSROOM 233 776 SF 39 OCCS
CLASSROOM 231 776 SF 39 OCCS
CLASSROOM 229 757 SF 38 OCCS
86' TO EXIT
CLASSROOM 225 801 SF 41 OCCS
CLASSROOM 223 804 SF 41 OCCS
CLASSROOM 221 810 SF 41 OCCS
CORRIDOR C203A 162 SF
DOOR CAPACITY OCCS 333 EWR 67" EWP 76"
ADA TOILET 243BT 96 SF
CORRIDOR C205 672 SF
CORRIDOR C204 2833 SF
TOILET 234B 30 SF
TOILET 234C 30 SF
FEC
CORRIDOR C203 1160 SF
STAIR S-3 328 SF
TV STUDIO 246 864 SF 18 OCCS
AV ST 244 369 SF 1 OCCS
CONTROL ROOM 244A 122 SF
CORRIDOR C206 1046 SF
EXST. ROOF BELOW
CLASSROOM 242 775 SF 39 OCCS
CLASSROOM 240 775 SF 39 OCCS
CLASSROOM 238 775 SF 39 OCCS
199' TO EXIT
CLASSROOM 232 775 SF 39 OCCS
CLASSROOM 230 775 SF 39 OCCS
168' TO EXIT
131' TO EXIT
CLASSROOM 224 479 SF 10 OCCS
CLASSROOM 222 860 SF 43 OCCS
CLASSROOM 220 796 SF 40 OCCS
ELEC 226A 36 SF
CLASSROOM 226 415 SF 9 OCCS
STAIR CAPACITY OCCS 449 EWR 135" EWP 67"
CLASSROOM 236 775 SF 39 OCCS
GIRL'S TOILET 234A 308 SF
JAN 234 52 SF 1 OCCS
BOY'S TOILET 234D 308 SF
CLASSROOM 228 775 SF 39 OCCS
CORRIDOR C202 826 SF
STAIR CAPACITY OCCS 325 EWR 98" EWP 70"
CLASSROOM 209 757 SF 38 OCCS
JAN 217 65 SF 1 OCCS
MEN'S TOILET 217A 272 SF
GIRL'S TOILET 217B 257 SF
CLASSROOM 201 367 SF 8 OCCS
CLASSROOM 203 757 SF 38 OCCS
CLASSROOM 205 563 SF 12 OCCS
CLASSROOM 207 563 SF 28 OCCS
137' TO EXIT
CLASSROOM 211 563 SF 12 OCCS
CLASSROOM 213 563 SF 28 OCCS
CLASSROOM 215 757 SF 38 OCCS
ELEV. E201 51 SF
STAIR S-1 319 SF
CORRIDOR C201 2574 SF
CLASSROOM 202 745 SF 38 OCCS
CLASSROOM 204 559 SF 12 OCCS
CLASSROOM 206 752 SF 16 OCCS
CLASSROOM 208 559 SF 28 OCCS
162' TO EXIT
CLASSROOM 212 1137 SF 28 OCCS
CLASSROOM 214 752 SF 16 OCCS
CLASSROOM 216 367 SF 8 OCCS
STAIR S-2 336 SF
CLASSROOM 210 752 SF 38 OCCS
STAIR CAPACITY OCCS 285 EWR 86" EWP 70"

1 SECOND FLOOR - OVERALL - LIFE SAFETY

LS121 1" = 20'-0"


1990 ADDITION +/- 36,390 SQ. FT.
2006 ADDITION +/- 9,125 SQ. FT.
1965 ORIGINAL CONSTRUCTION +/- 16,415 SQ. FT.

VINTAGE PLAN LEGEND

- 🟩 - 1965 ORIGINAL CONSTRUCTION
- 🟦 - 1990 ADDITION
- 🟥 - 2006 ADDITION

2 SECOND FLOOR - OVERALL - VINTAGE PLAN

LS121 1" = 50'-0"

LIFE SAFETY PLAN LEGEND

P	PRIMARY EXIT
S	SECONDARY EXIT
R	RESCUE WINDOW (SECONDARY EXIT)
♿	ACCESSIBLE EXIT
♿	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (## OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
DOOR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
STAIR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
⊗→	EXIT PATH OF TRAVEL (START - END)
⊗	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
⊗	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED	AUTOMATED EXTERNAL DEFIBRILLATOR
DF	DRINKING FOUNTAIN
ESE	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FEC	FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

▬ ▬ ▬ ▬	SMOKE BARRIER
▨	CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

🟦	1 HOUR RATED FIRE PARTITION
🟥	1 HOUR RATED FIRE BARRIER
🟥	2 HOUR RATED FIRE BARRIER
🟧	2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1965
CONSTRUCTION TYPE:	IIIB
FIRST FLOOR AREA:	77,525 SF GROSS
SECOND FLOOR AREA:	16,415 SF GROSS
THIRD FLOOR:	16,430 SF GROSS
ADDITION CONSTRUCTION:	1990
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	31,200 SF GROSS
SECOND FLOOR AREA:	36,390 SF GROSS
THIRD FLOOR AREA:	34,635 SF GROSS
ADDITION CONSTRUCTION:	2006
CONSTRUCTION TYPE:	IB
FIRST FLOOR AREA:	9,125 SF GROSS
SECOND FLOOR AREA:	9,125 SF GROSS
THIRD FLOOR AREA:	9,125 SF GROSS

CLASSIFICATION OF WORK:

▨	LEVEL 1 ALTERATION
▩	LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
w_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30 I_f = [2,206/2,206 - 0.25]W/30 I_f = [1 - 0.25] 30/30 I_f = [0.75] 1 I_f = 0.75%	A_a = A_t+(NS x I_f) A_a = 14,500+(14,500 x 0.75) A_a = 14,500+(10,875) A_a = 25,375 sq ft

CODE NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO THE APPLICABLE PROVISIONS OF THE FOLLOWING:

- NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE
- 2020 BUILDING CODES OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
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SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

B. SEPARATE FIRE AREAS AND SEPARATE BUILDING AREAS ARE SEPARATE SMOKE ZONES.

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Consultant

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

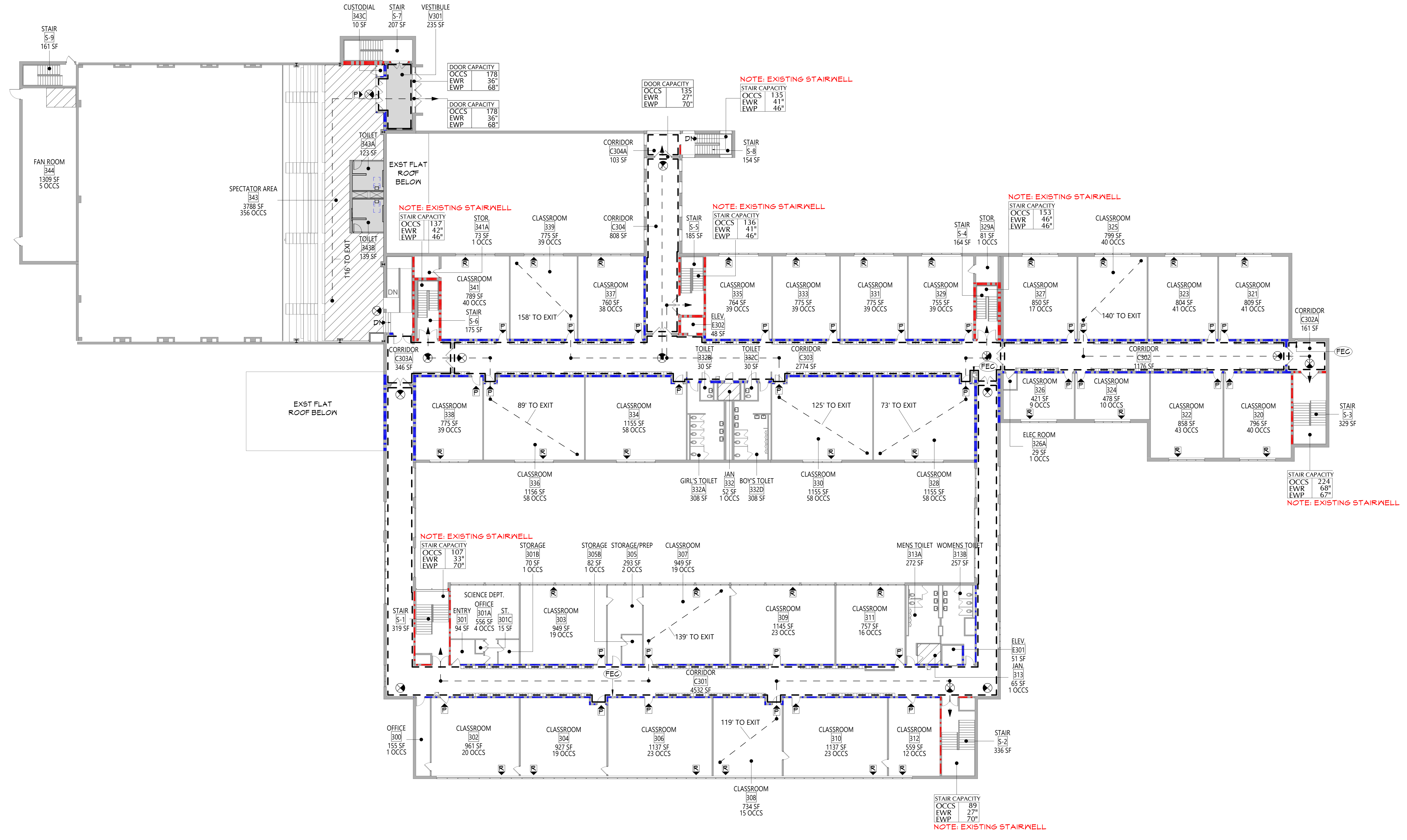
Sheet Title

SECOND FLOOR - OVERALL - LIFE SAFETY PLAN

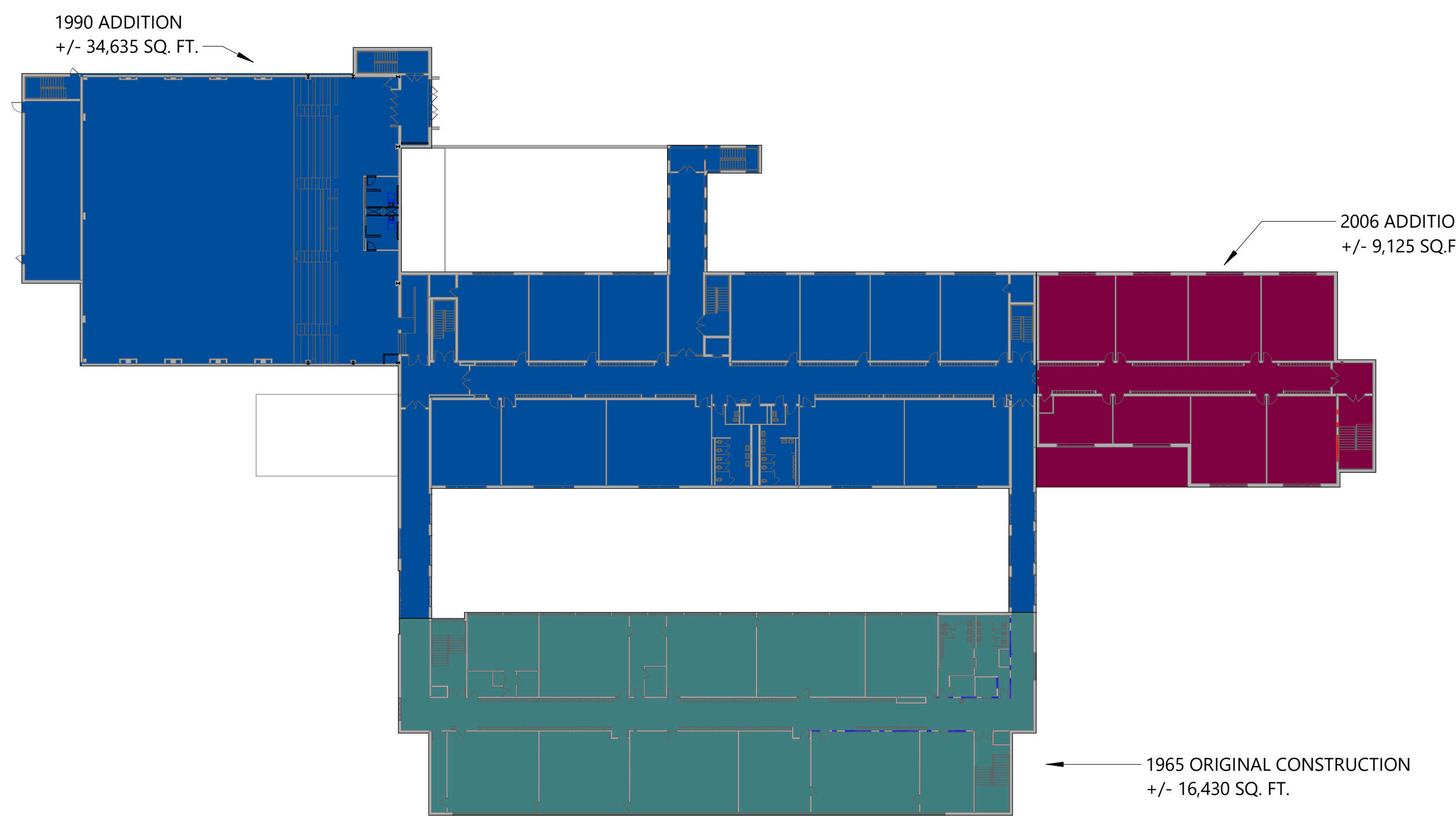
Sheet No.

WHS LS121

CONSTRUCTION DOCUMENTS



1 THIRD FLOOR - OVERALL - LIFE SAFETY
LS131 1" = 20'-0"



VINTAGE PLAN LEGEND

- 🟩 - 1965 ORIGINAL CONSTRUCTION
- 🟦 - 1990 ADDITION
- 🟥 - 2006 ADDITION

2 THIRD FLOOR - OVERALL - VINTAGE PLAN
LS131 1" = 50'-0"

LIFE SAFETY PLAN LEGEND

P	PRIMARY EXIT
S	SECONDARY EXIT
R	RESCUE WINDOW (SECONDARY EXIT)
♿	ACCESSIBLE EXIT
♿	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (## OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
DOOR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
STAIR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
⊗→	EXIT PATH OF TRAVEL (START - END)
⊗	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
⊗	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED	AUTOMATED EXTERNAL DEFIBRILLATOR
DF	DRINKING FOUNTAIN
ESE	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FEC	FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- ▬ ▬ ▬ ▬ SMOKE BARRIER
- ▨ CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 🟦 1 HOUR RATED FIRE PARTITION
- 🟥 1 HOUR RATED FIRE BARRIER
- 🟥 2 HOUR RATED FIRE BARRIER
- 🟧 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1965
CONSTRUCTION TYPE:	IIIB
FIRST FLOOR AREA:	77,525 SF GROSS
SECOND FLOOR AREA:	16,415 SF GROSS
THIRD FLOOR:	16,430 SF GROSS
ADDITION CONSTRUCTION:	1990
CONSTRUCTION TYPE:	IIB
FIRST FLOOR AREA:	31,200 SF GROSS
SECOND FLOOR AREA:	36,390 SF GROSS
THIRD FLOOR AREA:	34,635 SF GROSS
ADDITION CONSTRUCTION:	2006
CONSTRUCTION TYPE:	IB
FIRST FLOOR AREA:	9,125 SF GROSS
SECOND FLOOR AREA:	9,125 SF GROSS
THIRD FLOOR AREA:	9,125 SF GROSS

CLASSIFICATION OF WORK:

- ▨ LEVEL 1 ALTERATION
- ⬜ LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$ $I_f = [2{,}206/2{,}206 - 0.25]W/30$ $I_f = [1 - 0.25]\ 30/30$ $I_f = [0.75]\ 1$ $I_f = 0.75\%$	$A_a = A_t+(NS \times I_f)$ $A_a = 14{,}500+(14{,}500 \times 0.75)$ $A_a = 14{,}500+(10{,}875)$ $A_a = 25{,}375$ sq ft

CODE NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO THE APPLICABLE PROVISIONS OF THE FOLLOWING:

- NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE
- 2020 BUILDING CODES OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
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SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
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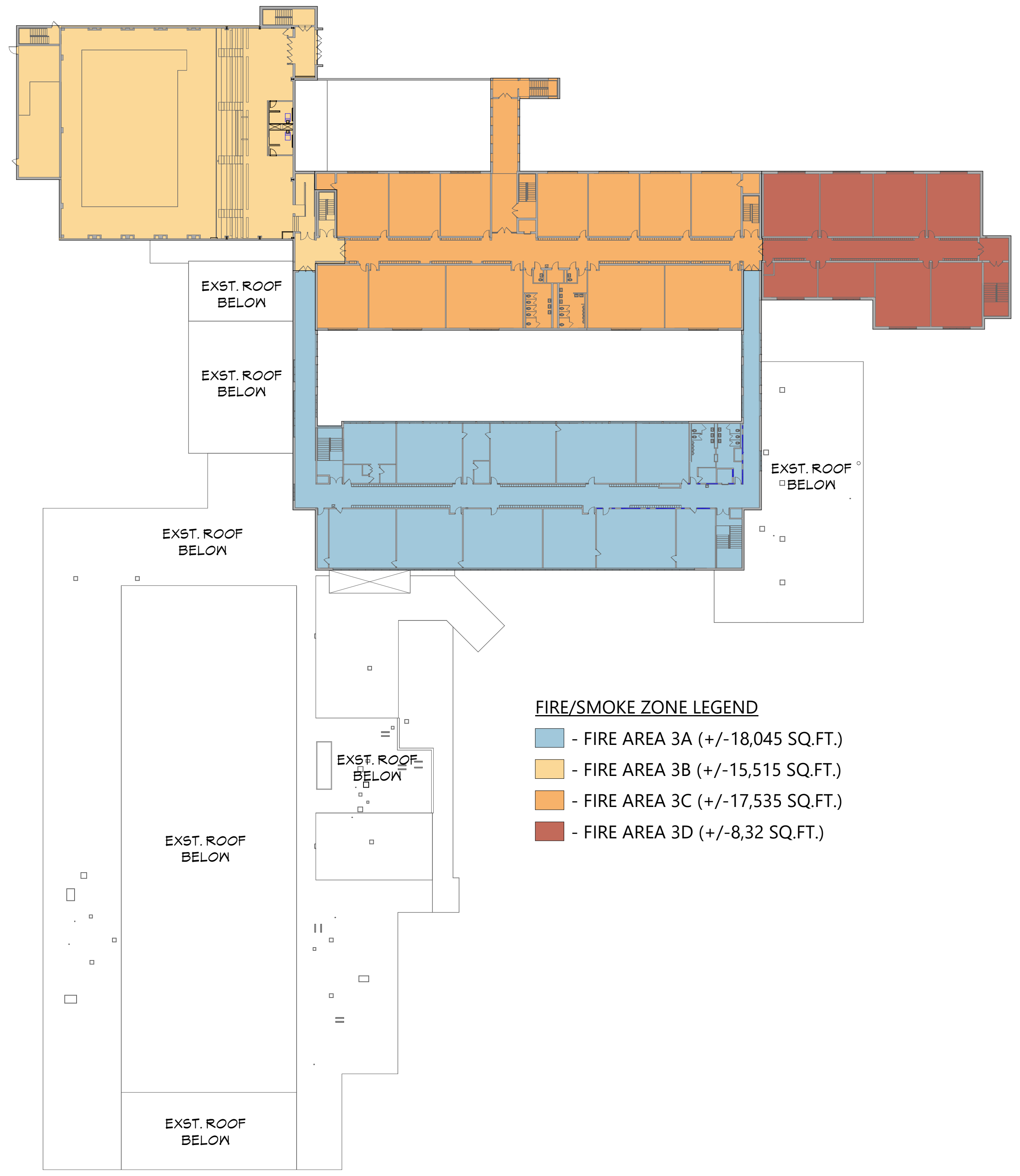
Sheet Title
THIRD FLOOR - OVERALL - LIFE SAFETY PLAN

Sheet No.
WHS
LS131

CONSTRUCTION DOCUMENTS

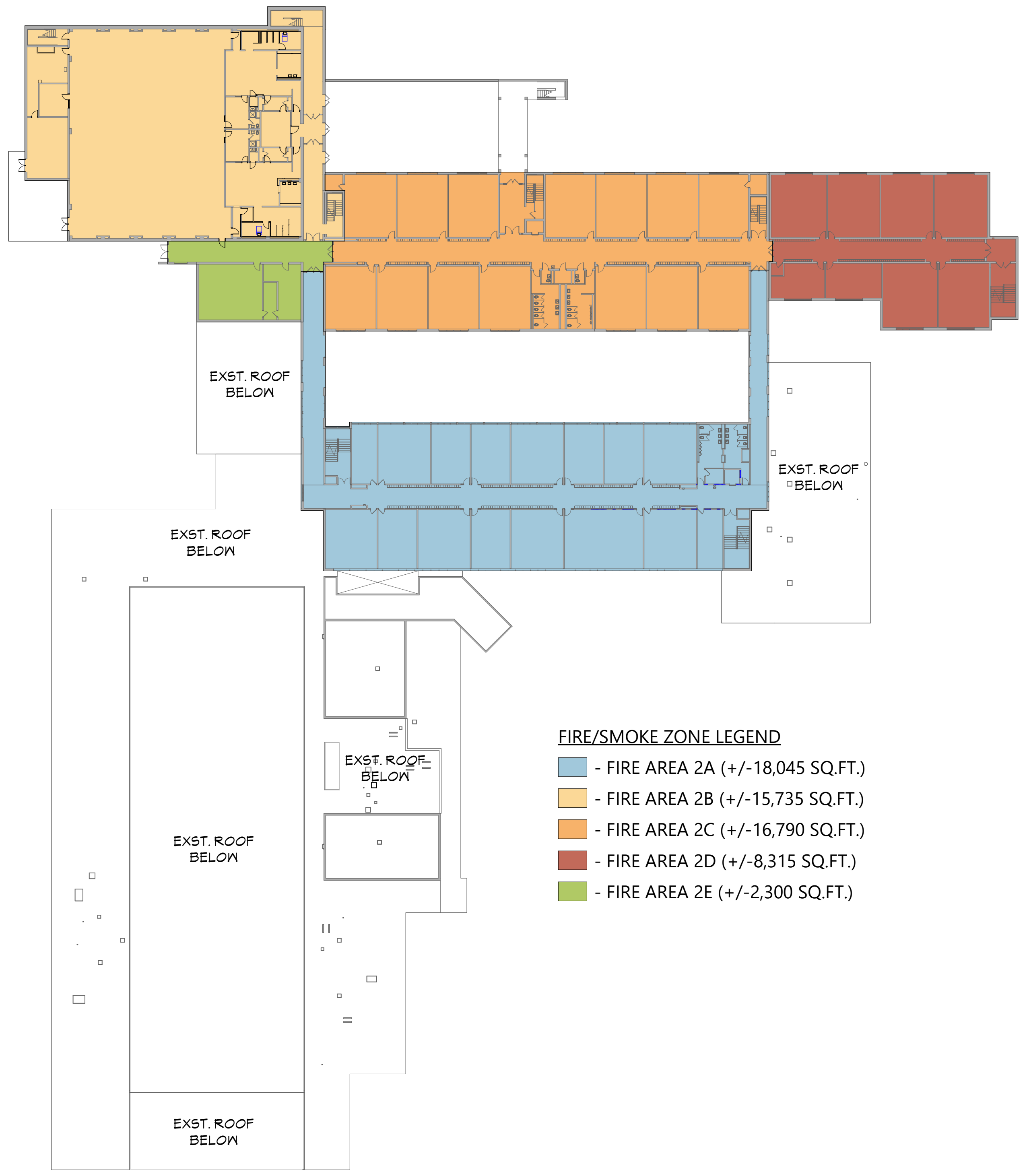
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



FIRE/SMOKE ZONE LEGEND

- 🟦 - FIRE AREA 3A (+/-18,045 SQ.FT.)
- 🟨 - FIRE AREA 3B (+/-15,515 SQ.FT.)
- 🟧 - FIRE AREA 3C (+/-17,535 SQ.FT.)
- 🟥 - FIRE AREA 3D (+/-8,32 SQ.FT.)

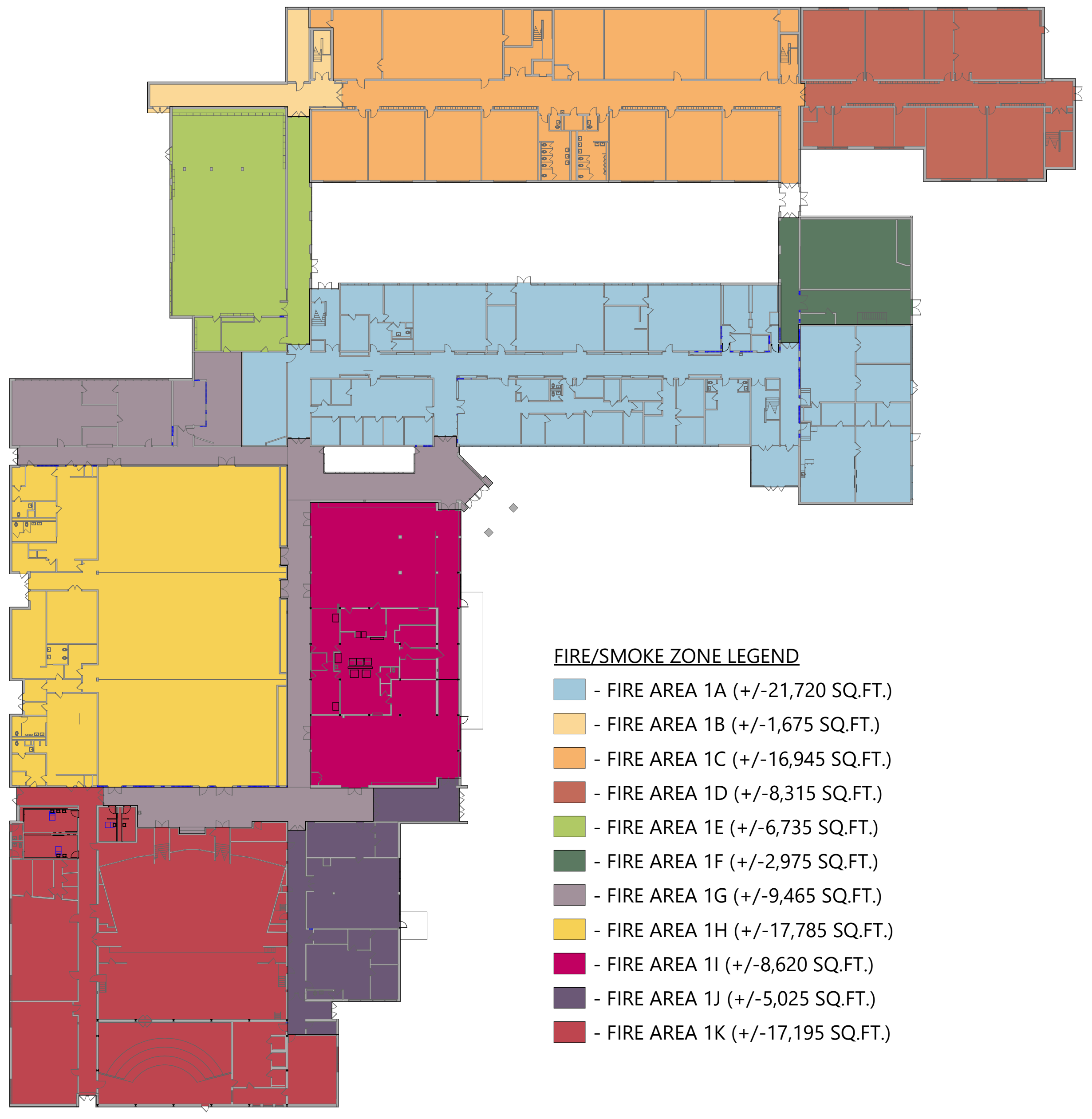
3 THIRD FLOOR - OVERALL - FIRE/SMOKE ZONE PLAN - P3
LS501 1" = 50'-0"



FIRE/SMOKE ZONE LEGEND

- 🟦 - FIRE AREA 2A (+/-18,045 SQ.FT.)
- 🟨 - FIRE AREA 2B (+/-15,735 SQ.FT.)
- 🟧 - FIRE AREA 2C (+/-16,790 SQ.FT.)
- 🟥 - FIRE AREA 2D (+/-8,315 SQ.FT.)
- 🟩 - FIRE AREA 2E (+/-2,300 SQ.FT.)

2 SECOND FLOOR - OVERALL - FIRE/SMOKE ZONE PLAN - P3
LS501 1" = 50'-0"



FIRE/SMOKE ZONE LEGEND

- 🟦 - FIRE AREA 1A (+/-21,720 SQ.FT.)
- 🟨 - FIRE AREA 1B (+/-1,675 SQ.FT.)
- 🟧 - FIRE AREA 1C (+/-16,945 SQ.FT.)
- 🟥 - FIRE AREA 1D (+/-8,315 SQ.FT.)
- 🟩 - FIRE AREA 1E (+/-6,735 SQ.FT.)
- 🟩 - FIRE AREA 1F (+/-2,975 SQ.FT.)
- ⬜ - FIRE AREA 1G (+/-9,465 SQ.FT.)
- 🟨 - FIRE AREA 1H (+/-17,785 SQ.FT.)
- 🟥 - FIRE AREA 1I (+/-8,620 SQ.FT.)
- 🟪 - FIRE AREA 1J (+/-5,025 SQ.FT.)
- 🟥 - FIRE AREA 1K (+/-17,195 SQ.FT.)

1 GROUND FLOOR - OVERALL - FIRE/SMOKE ZONE PLAN - P3
LS501 1" = 50'-0"

LIFE SAFETY PLAN LEGEND

P▷	PRIMARY EXIT
S▷	SECONDARY EXIT
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FIRE SEPARATION LEGEND

▬•▬	1 HOUR RATED FIRE PARTITION
▬•▬	1 HOUR RATED FIRE BARRIER
▬••▬	2 HOUR RATED FIRE BARRIER
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$I_f = [2{,}206/2{,}206 - 0.25]W/30$
$I_f = [1 - 0.25]\ 30/30$
$I_f = [0.75]\ 1$
$I_f = 0.75\%$

$A_a = A_t + (NS \times I_f)$
$A_a = 14{,}500 + (14{,}500 \times 0.75)$
$A_a = 14{,}500 + (10{,}875)$
$A_a = 25{,}375$ sq ft

CODE NOTES

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SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Drawn By:	SI
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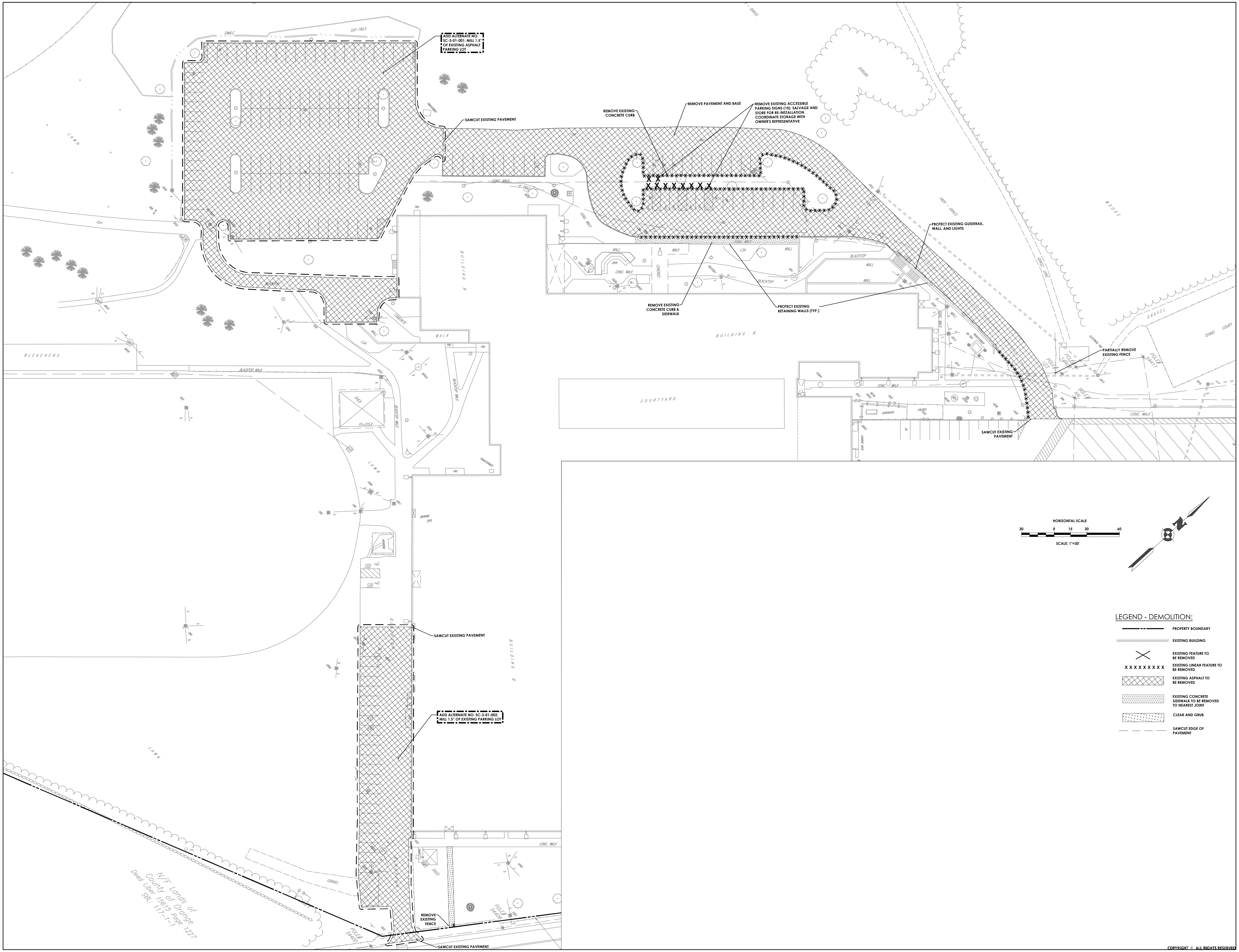
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
LIFE SAFETY DIAGRAMS

Sheet No.
WHS
LS501

CONSTRUCTION DOCUMENTS


ADD ALTERNATE NO. SC-3-01-001: MILL 1.5" OF EXISTING ASPHALT PARKING LOT
SAWCUT EXISTING PAVEMENT
REMOVE EXISTING CONCRETE CURB
REMOVE PAVEMENT AND BASE
REMOVE EXISTING ACCESSIBLE PARKING SIGNS (10). SALVAGE AND STORE FOR RE-INSTALLATION . COORDINATE STORAGE WITH OWNER'S REPRESENTATIVE
PROTECT EXISTING GUIDERAIL, WALL, AND LIGHTS
REMOVE EXISTING CONCRETE CURB & SIDEWALK
PROTECT EXISTING RETAINING WALLS (TYP.)
PARTIALLY REMOVE EXISTING FENCE
SAWCUT EXISTING PAVEMENT
SAWCUT EXISTING PAVEMENT
ADD ALTERNATE NO. SC-3-01-002: MILL 1.5" OF EXISTING PARKING LOT
REMOVE EXISTING FENCE
SAWCUT EXISTING PAVEMENT
BUILDING B
BUILDING B
BUILDING B
COURTYARD
LAWN
BLEACHERS
BLACKTOP WALK
CONC. WALK
BLACKTOP
WALL
LSA
GRAVEL
TENNIS COURT
HIGH - GRASS
WOODS
SHED
TRANSFORMER
N/F Lands of County of Orange Deed Liber 15615 Page 1227 SBL: 117-1-1
POLE# 54408
POLE# 54411
POLE# 123
HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'
LEGEND - DEMOLITION:
PROPERTY BOUNDARY
EXISTING BUILDING
EXISTING FEATURE TO BE REMOVED
X X X X X X X X X
EXISTING LINEAR FEATURE TO BE REMOVED
EXISTING ASPHALT TO BE REMOVED
EXISTING CONCRETE SIDEWALK TO BE REMOVED TO NEAREST JOINT
CLEAR AND GRUB
SAWCUT EDGE OF PAVEMENT

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

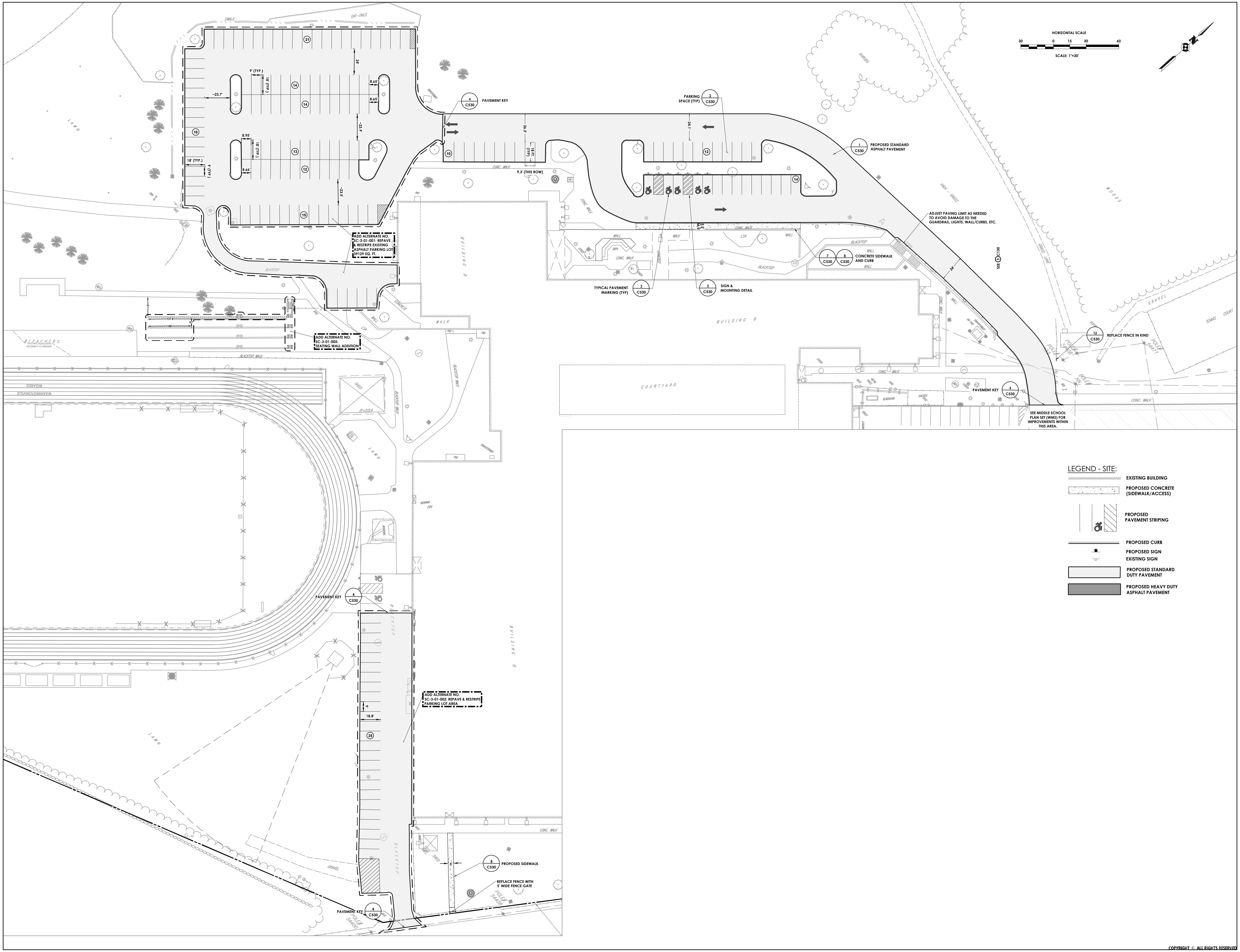
Sheet Title

DEMOLITION PLAN

Sheet No.

WHS C120

CONSTRUCTION DOCUMENTS


HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'
ADD ALTERNATE NO. SC-3-01-001: REPAVE & RESTRIPE EXISTING ASPHALT PARKING LOT 39129 SQ. FT.
ADD ALTERNATE NO. SC-3-01-005: SEATING WALL ADDITION
ADD ALTERNATE NO. SC-3-01-002: REPAVE & RESTRIPE PARKING LOT AREA
4 C530 PAVEMENT KEY
2 C530 PARKING SPACE (TYP)
1 C530 PROPOSED STANDARD ASPHALT PAVEMENT
ADJUST PAVING LIMIT AS NEEDED TO AVOID DAMAGE TO THE GUARDRAIL, LIGHTS, WALL/CURBS, ETC.
7 C530 8 C530 CONCRETE SIDEWALK AND CURB
2 C530 TYPICAL PAVEMENT MARKING (TYP)
5 C530 SIGN & MOUNTING DETAIL
SEE 3 C130
13 C530 REPLACE FENCE IN KIND
SEE MIDDLE SCHOOL PLAN SET (WMS) FOR IMPROVEMENTS WITHIN THIS AREA.
8 C530 PROPOSED SIDEWALK
REPLACE FENCE WITH 5' WIDE FENCE GATE
9.3' (THIS ROW)
18 FT. (TYP)
26.2'
24.1'
24'
~23.7'
~23.5'
~23.6'
9' (TYP.)
18' (TYP.)
8.65'
8.95'
8.66'
18.8'
5'
5.5' W/E
21
14
16
13
12
15
10
14
25
BUILDING B
COURTYARD
CONC. WALK
BLACKTOP
BLACKTOP WALK
WALL
LSA
LAWN
WOODS
HIGH - GRASS
GRASS LANE
SHRUBS
GRAVEL
TENNIS COURT
SHED
BLEACHERS
EXISTING BLEACHERS ASSEMBLY TO REMAIN
WASHINGTONVILLE WIZARDS
SWALE
CAT-TAILS
POLE# 54408
POLE# 123
POLE# NN
TRANSFORMER
GATE
PAD

LEGEND - SITE:

▨	EXISTING BUILDING
▒	PROPOSED CONCRETE (SIDEWALK/ACCESS)
▨	PROPOSED PAVEMENT STRIPING
═	PROPOSED CURB
●	PROPOSED SIGN
○	EXISTING SIGN
⬜	PROPOSED STANDARD DUTY PAVEMENT
⬛	PROPOSED HEAVY DUTY ASPHALT PAVEMENT

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102592
Chris LaPorta
EXPIRES: 09/30/28

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Checked By:	RV
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

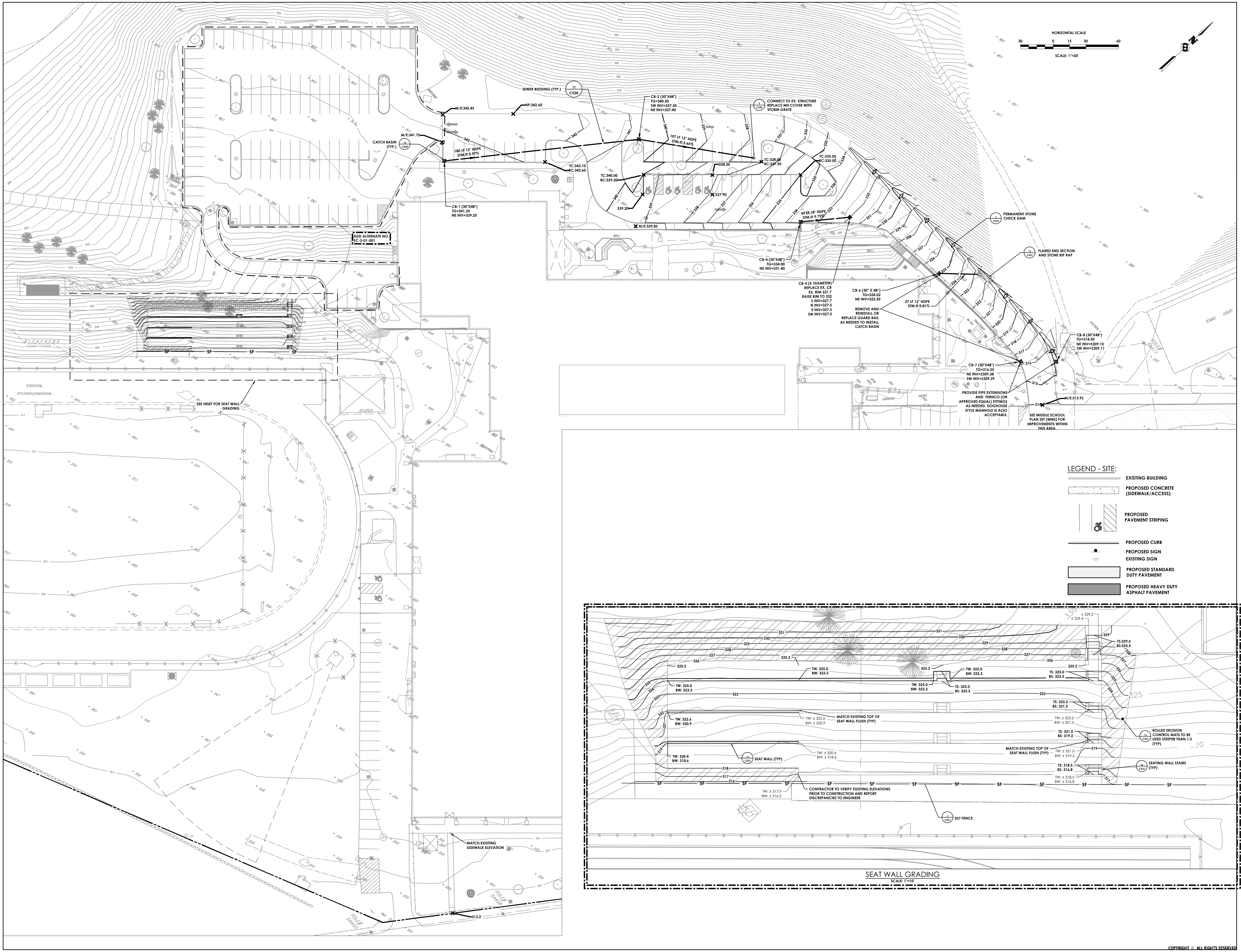
Sheet Title

SITE PLAN

Sheet No.

WHS C130

CONSTRUCTION DOCUMENTS


HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'
SEWER BEDDING (TYP.) 11 C530
M/E:342.4±
HP:342.60
M/E:341.7±
CATCH BASIN (TYP.) 10 C530
180 LF 12" HDPE STM.@ 0.97%
CB-1 (30"X48") TG=341.25 NE INV=339.25
TC:343.10 BC:342.60
CB-2 (30"X48") TG=340.50 SW INV=337.50 NE INV=337.40
107 LF 12" HDPE STM.@ 3.66%
TC:340.00 BC:339.50
339.20
M/E:339.8±
CONNECT TO EX. STRUCTURE REPLACE MH COVER WITH STORM GRATE 9 C530
TC:338.00 BC:337.50
338.20
337.90
TC:335.50 BC:335.00
45 LF 18" HDPE STM.@ 9.75%
CB-4 (30"X48") TG=334.00 NE INV=331.40
CB-5 (5' DIAMETER) REPLACE EX. CB EX. RIM 331.7 RAISE RIM TO 332 S INV=327.7 N INV=327.5 E INV=327.5 SW INV=327.5
CB-6 (30" X 48") TG=324.02 NE INV=322.50
37 LF 12" HDPE STM.@ 0.81%
REMOVE AND REINSTALL OR REPLACE GUARD RAIL AS NEEDED TO INSTALL CATCH BASIN
PERMANENT STONE CHECK DAM 11 C531
FLARED END SECTION AND STONE RIP RAP 12 C531
CB-8 (30"X48") TG=314.50 NE INV=±309.10 SW INV=±309.11
CB-7 (30"X48") TG=316.25 NE INV=±309.38 SW INV=±309.39
PROVIDE PIPE EXTENSIONS AND FERNCO (OR APPROVED EQUAL) FITTINGS AS NEEDED. DOGHOUSE STYLE MANHOLE IS ALSO ACCEPTABLE.
M/E:313.9±
SEE MIDDLE SCHOOL PLAN SET (WMS) FOR IMPROVEMENTS WITHIN THIS AREA.
ADD ALTERNATE NO. SC-3-01-001
WALL
TENNIS COURT
SEE INSET FOR SEAT WALL GRADING
FF=315.4
MATCH EXISTING SIDEWALK ELEVATION
313.2'
± 329.2
± 329.4
TS:329.5 BS:525.5
325.2
TW: 325.0 BW: 323.3
TS: 325.0 BS: 323.3
TS: 323.2 BS: 321.5
TW: ± 323.2 BW: ± 321.5
TW: 322.6 BW: 320.9
TW: ± 322.6 BW: ± 320.9
MATCH EXISTING TOP OF SEAT WALL FLUSH (TYP)
TS: 321.0 BS: 319.2
TW: ± 321.0 BW: ± 319.2
ROLLED EROSION CONTROL MATS TO BE USED STEEPER THAN 1:3 (TYP) 13 C531
TW: 320.4 BW: 318.6
TW: ± 320.4 BW: ± 318.6
SEAT WALL (TYP) 15 C531
TS: 318.5 BS: 316.8
TW: ± 318.5 BW: ± 316.8
SEATING WALL STAIRS (TYP) 14 C531
TW: ± 317.9 BW: ± 316.2
CONTRACTOR TO VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO ENGINEER
SF
SILT FENCE 4 C531

SEAT WALL GRADING
SCALE: 1"=10'

LEGEND - SITE:

▨	EXISTING BUILDING
▭	PROPOSED CONCRETE (SIDEWALK/ACCESS)
▨	PROPOSED PAVEMENT STRIPING
═	PROPOSED CURB
●	PROPOSED SIGN
○	EXISTING SIGN
▭	PROPOSED STANDARD DUTY PAVEMENT
■	PROPOSED HEAVY DUTY ASPHALT PAVEMENT

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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

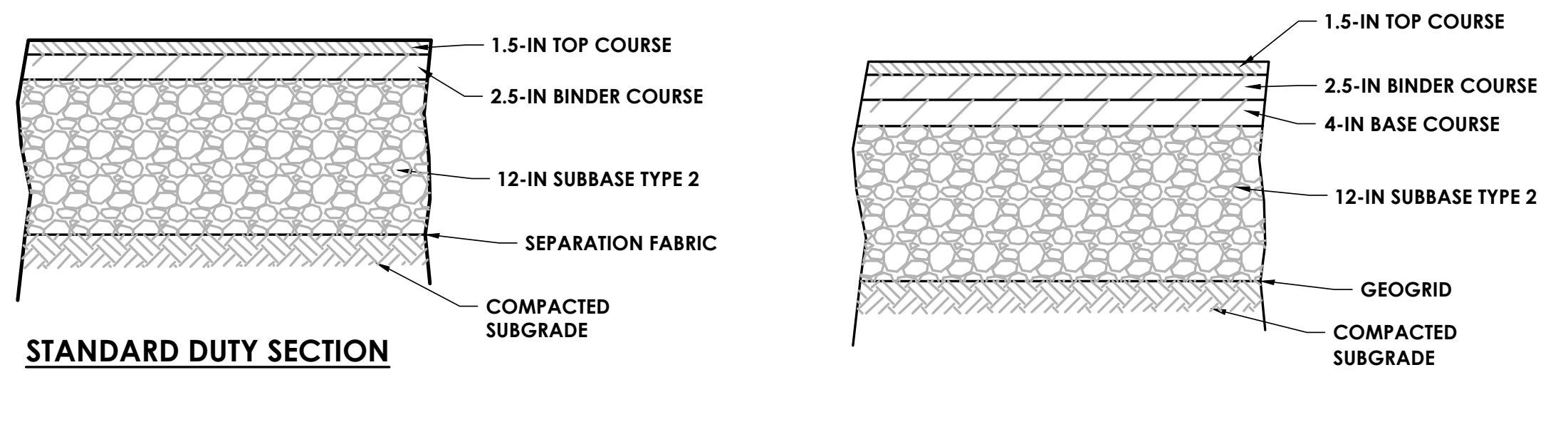
#	DATE	DESCRIPTION

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GRADING & DRAINAGE & EROSION AND SEDIMENT CONTROL PLAN

Sheet No.
WHS C140

CONSTRUCTION DOCUMENTS



STANDARD DUTY SECTION

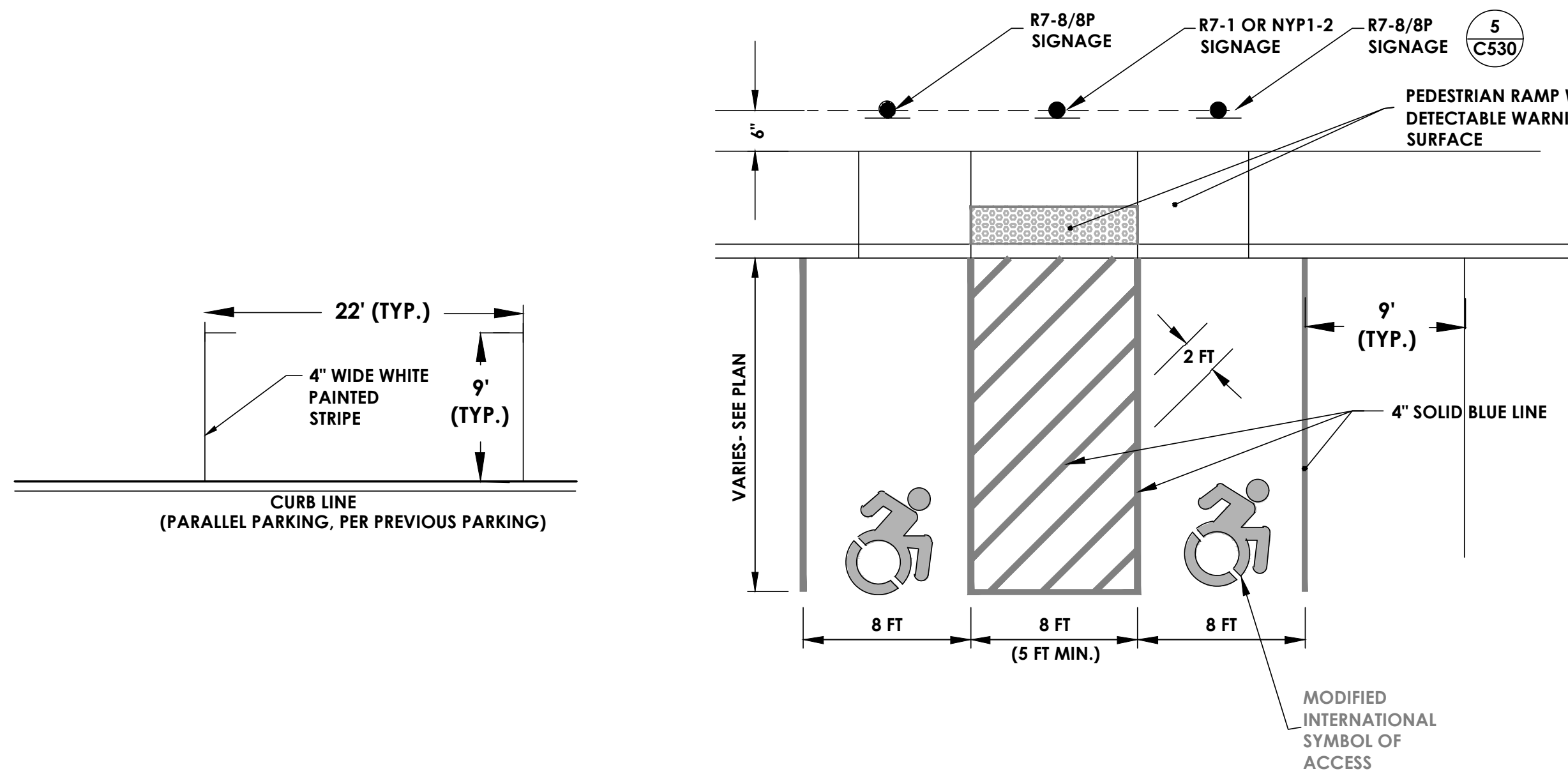
STANDARD DUTY SECTION

HEAVY DUTY SECTION

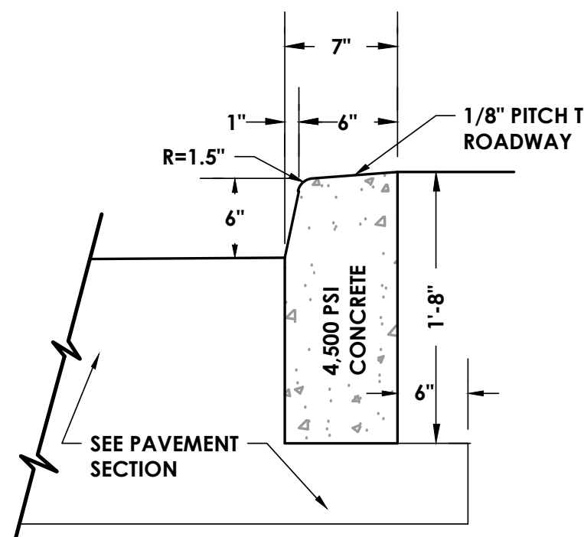
NOTES:

1. ALL DEPTHS ARE COMPACTED THICKNESS.
2. MAXIMUM LIFT THICKNESS= 6 INCHES
3. ALL MATERIALS SHALL BE AS SPECIFIED OR APPROVED EQUAL.
4. BINDER COURSE SHALL BE SWEPT CLEAR TO REMOVE ANY LOOSE MATERIAL PRIOR TO PLACING TOP COAT. IF TOP COURSE IS NOT PLACED WITHIN TWENTY FOUR HOURS OF BINDER PLACEMENT, A TACK COAT SHALL BE APPLIED TO CLEAN SURFACE PRIOR TO PLACEMENT OF TOP COURSE.

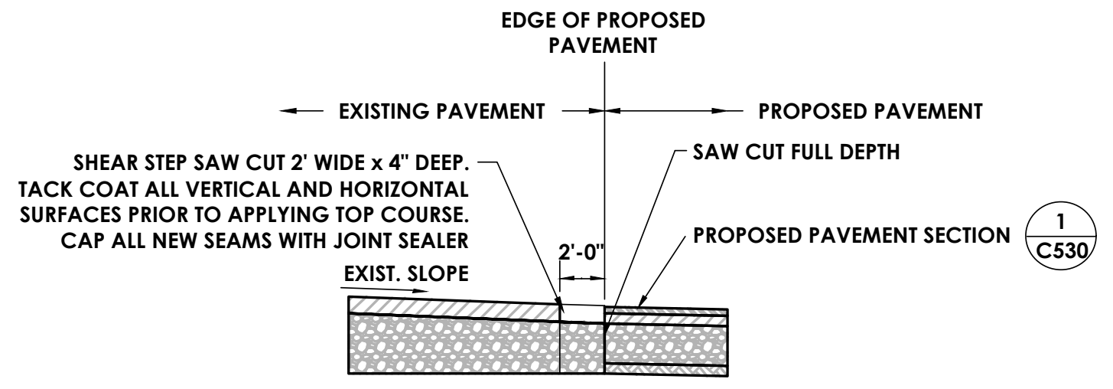
① PAVEMENT SECTIONS
N.T.S.



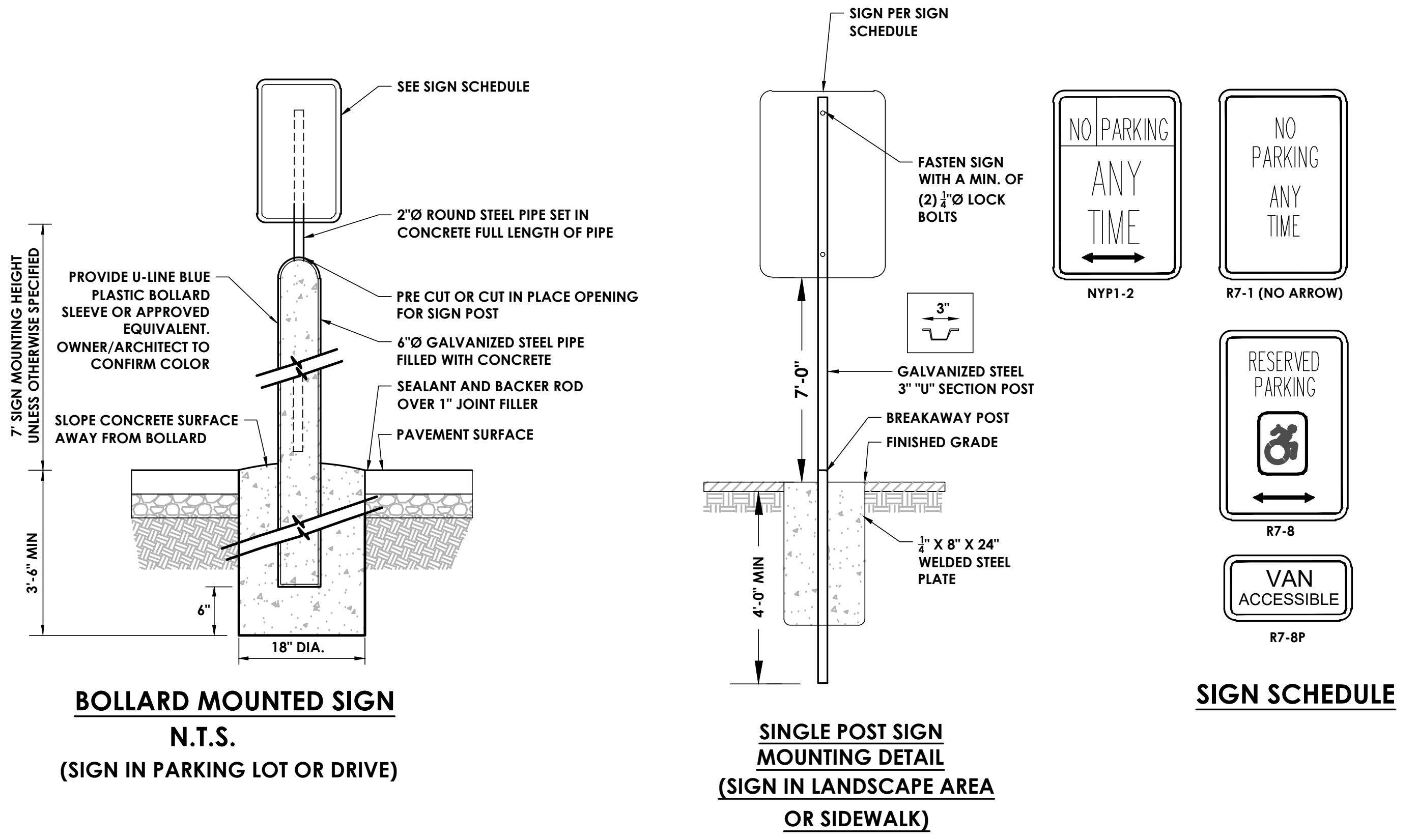
② TYPICAL PAVEMENT MARKING DETAIL AND LAYOUTS
N.T.S.



③ CONCRETE CURB
N.T.S.


EDGE OF PROPOSED PAVEMENT
EXISTING PAVEMENT
PROPOSED PAVEMENT
SHEAR STEP SAW CUT 2' WIDE x 4" DEEP. TACK COAT ALL VERTICAL AND HORIZONTAL SURFACES PRIOR TO APPLYING TOP COURSE. CAP ALL NEW SEAMS WITH JOINT SEALER
SAW CUT FULL DEPTH
PROPOSED PAVEMENT SECTION
1
C530
2'-0"
EXIST. SLOPE

④ PAVEMENT KEY DETAIL
N.T.S.

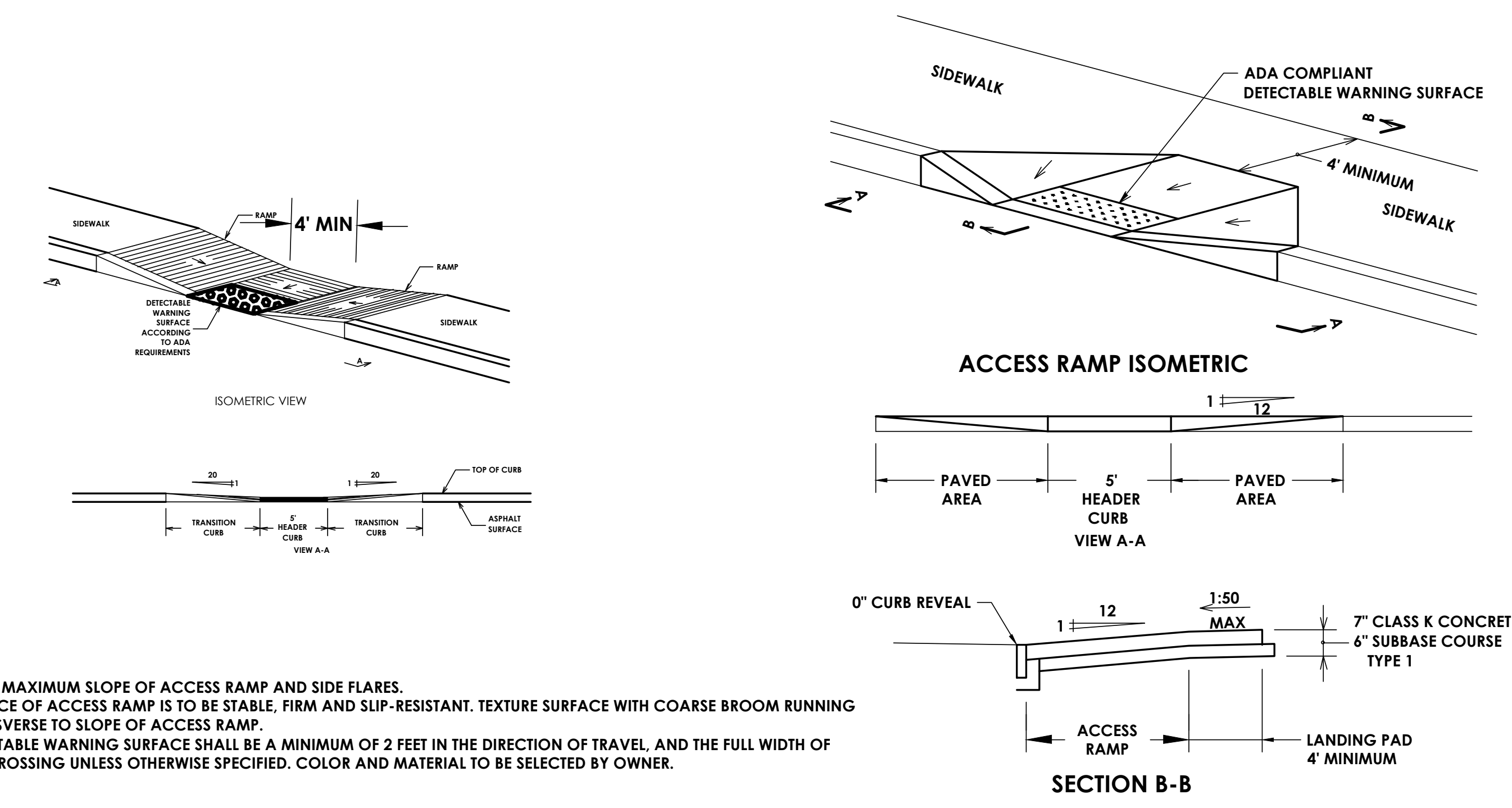

SEE SIGN SCHEDULE
2"Ø ROUND STEEL PIPE SET IN CONCRETE FULL LENGTH OF PIPE
PROVIDE U-LINE BLUE PLASTIC BOLLARD SLEEVE OR APPROVED EQUIVALENT. OWNER/ARCHITECT TO CONFIRM COLOR
PRE CUT OR CUT IN PLACE OPENING FOR SIGN POST
6"Ø GALVANIZED STEEL PIPE FILLED WITH CONCRETE
SEALANT AND BACKER ROD OVER 1" JOINT FILLER
SLOPE CONCRETE SURFACE AWAY FROM BOLLARD
PAVEMENT SURFACE
7' SIGN MOUNTING HEIGHT UNLESS OTHERWISE SPECIFIED
3'-6" MIN
6"
18" DIA.
SIGN PER SIGN SCHEDULE
FASTEN SIGN WITH A MIN. OF (2) 1/4"Ø LOCK BOLTS
3"
GALVANIZED STEEL 3" "U" SECTION POST
7'-0"
BREAKAWAY POST
FINISHED GRADE
1/4" X 8" X 24" WELDED STEEL PLATE
4'-0" MIN
NO PARKING ANY TIME
NYP1-2
NO PARKING ANY TIME
R7-1 (NO ARROW)
RESERVED PARKING
R7-8
VAN ACCESSIBLE
R7-8P

BOLLARD MOUNTED SIGN
N.T.S.
(SIGN IN PARKING LOT OR DRIVE)

SINGLE POST SIGN MOUNTING DETAIL (SIGN IN LANDSCAPE AREA OR SIDEWALK)

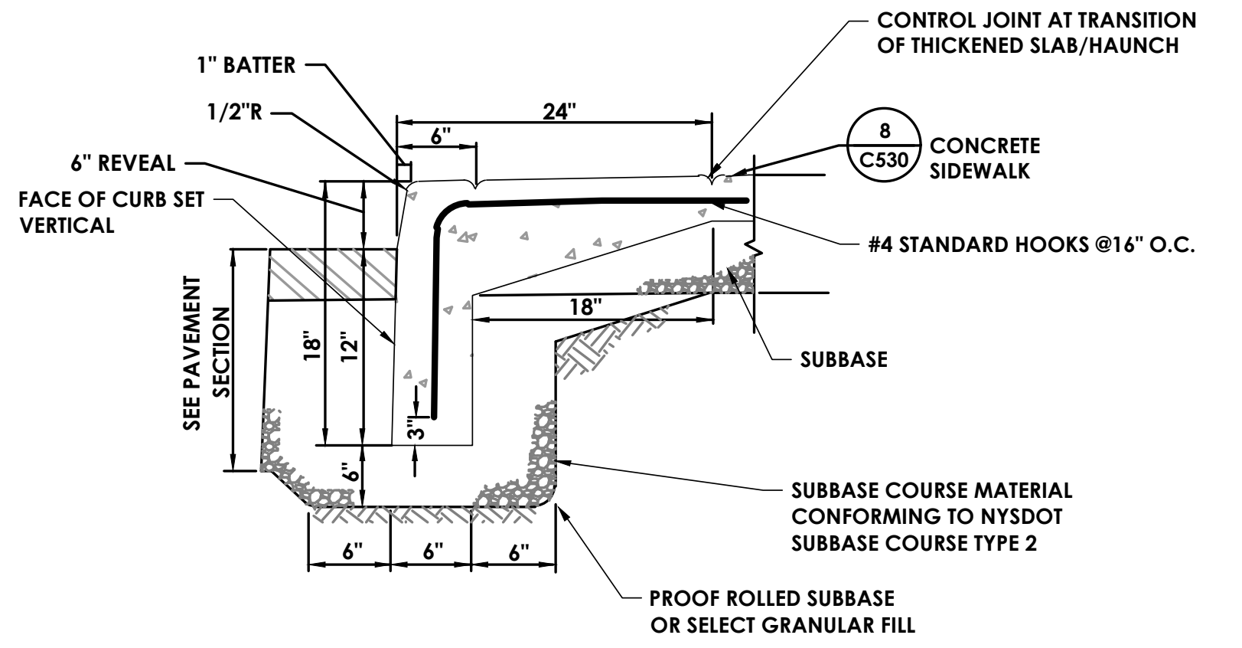
SIGN SCHEDULE

⑤ SIGN & MOUNTING DETAIL WITH SCHEDULE
N.T.S.

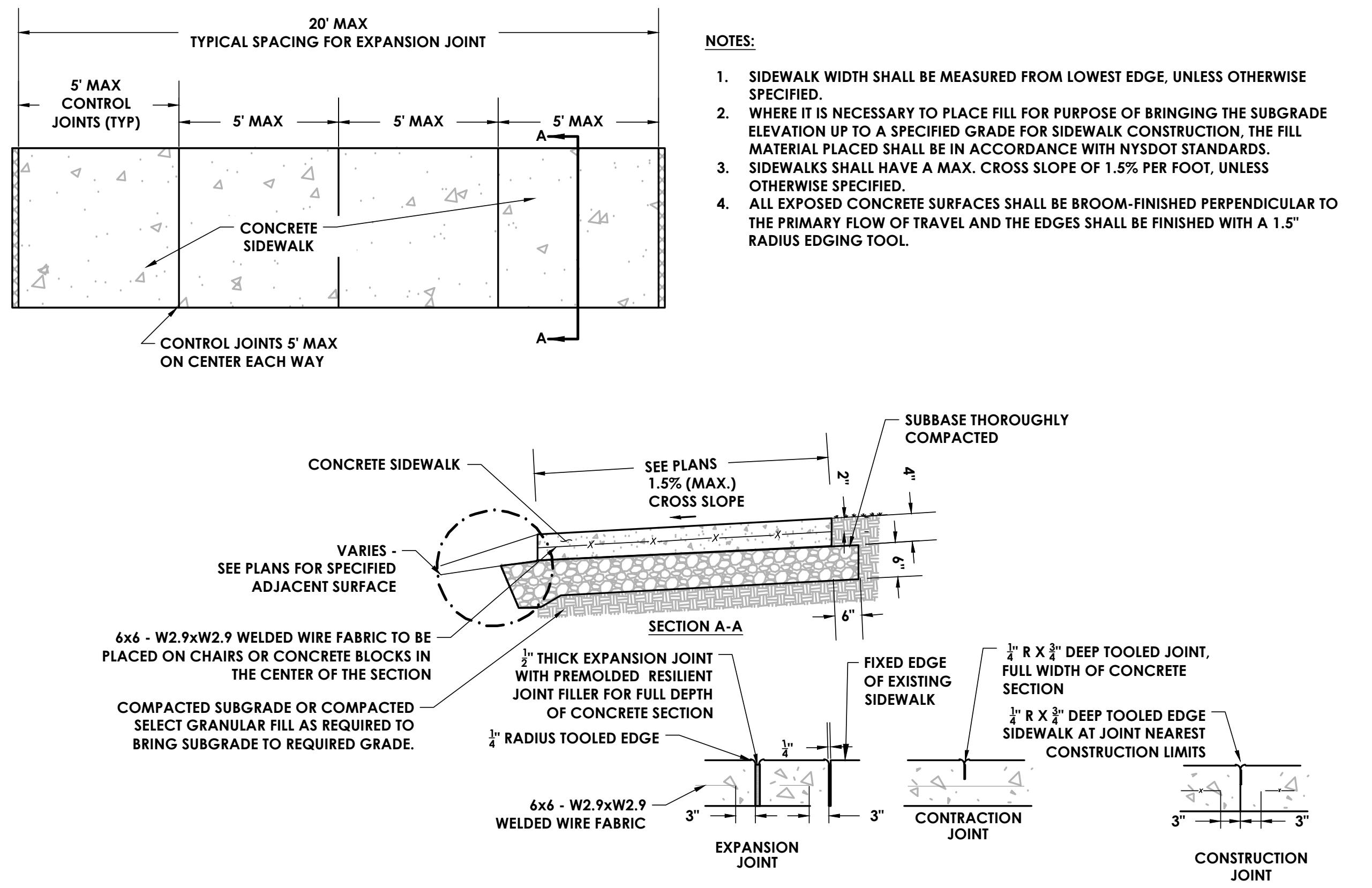


NOTES:
1. 1:12 IS MAXIMUM SLOPE OF ACCESS RAMP AND SIDE FLARES.
2. SURFACE OF ACCESS RAMP IS TO BE STABLE, FIRM AND SLIP-RESISTANT. TEXTURE SURFACE WITH COARSE BROOM RUNNING TRANSVERSE TO SLOPE OF ACCESS RAMP.
3. DETECTABLE WARNING SURFACE SHALL BE A MINIMUM OF 2 FEET IN THE DIRECTION OF TRAVEL, AND THE FULL WIDTH OF THE CROSSING UNLESS OTHERWISE SPECIFIED. COLOR AND MATERIAL TO BE SELECTED BY OWNER.

⑥ SIDEWALK RAMP DETAIL
N.T.S.


1" BATTER
1/2"R
6" REVEAL
FACE OF CURB SET VERTICAL
24"
6"
CONTROL JOINT AT TRANSITION OF THICKENED SLAB/HAUNCH
8
C530
CONCRETE SIDEWALK
#4 STANDARD HOOKS @16" O.C.
18"
SUBBASE
SEE PAVEMENT SECTION
18"
12"
3"
6"
6"
6"
6"
SUBBASE COURSE MATERIAL CONFORMING TO NYSDOT SUBBASE COURSE TYPE 2
PROOF ROLLED SUBBASE OR SELECT GRANULAR FILL

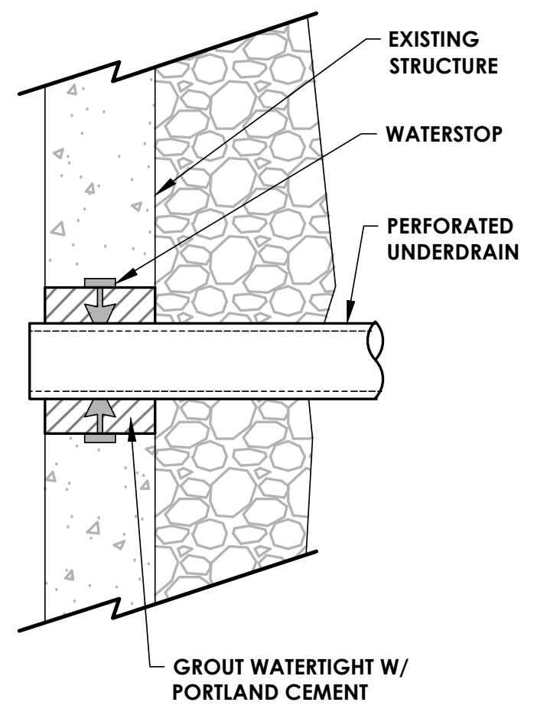
⑦ INTEGRAL CONCRETE CURB & SIDEWALK
N.T.S.


20' MAX
TYPICAL SPACING FOR EXPANSION JOINT
5' MAX CONTROL JOINTS (TYP)
5' MAX
5' MAX
5' MAX
A
A
CONCRETE SIDEWALK
CONTROL JOINTS 5' MAX ON CENTER EACH WAY
CONCRETE SIDEWALK
SEE PLANS
1.5% (MAX.) CROSS SLOPE
SUBBASE THOROUGHLY COMPACTED
2"
4"
6"
6"
VARIES - SEE PLANS FOR SPECIFIED ADJACENT SURFACE
SECTION A-A
6x6 - W2.9xW2.9 WELDED WIRE FABRIC TO BE PLACED ON CHAIRS OR CONCRETE BLOCKS IN THE CENTER OF THE SECTION
COMPACTED SUBGRADE OR COMPACTED SELECT GRANULAR FILL AS REQUIRED TO BRING SUBGRADE TO REQUIRED GRADE.
1/2" THICK EXPANSION JOINT WITH PREMOLDED RESILIENT JOINT FILLER FOR FULL DEPTH OF CONCRETE SECTION
FIXED EDGE OF EXISTING SIDEWALK
1/4" R X 3/4" DEEP TOOLED JOINT, FULL WIDTH OF CONCRETE SECTION
1/4" R X 3/4" DEEP TOOLED EDGE SIDEWALK AT JOINT NEAREST CONSTRUCTION LIMITS
1/4" RADIUS TOOLED EDGE
1/4"
6x6 - W2.9xW2.9 WELDED WIRE FABRIC
3"
3"
EXPANSION JOINT
CONTRACTION JOINT
3"
3"
CONSTRUCTION JOINT

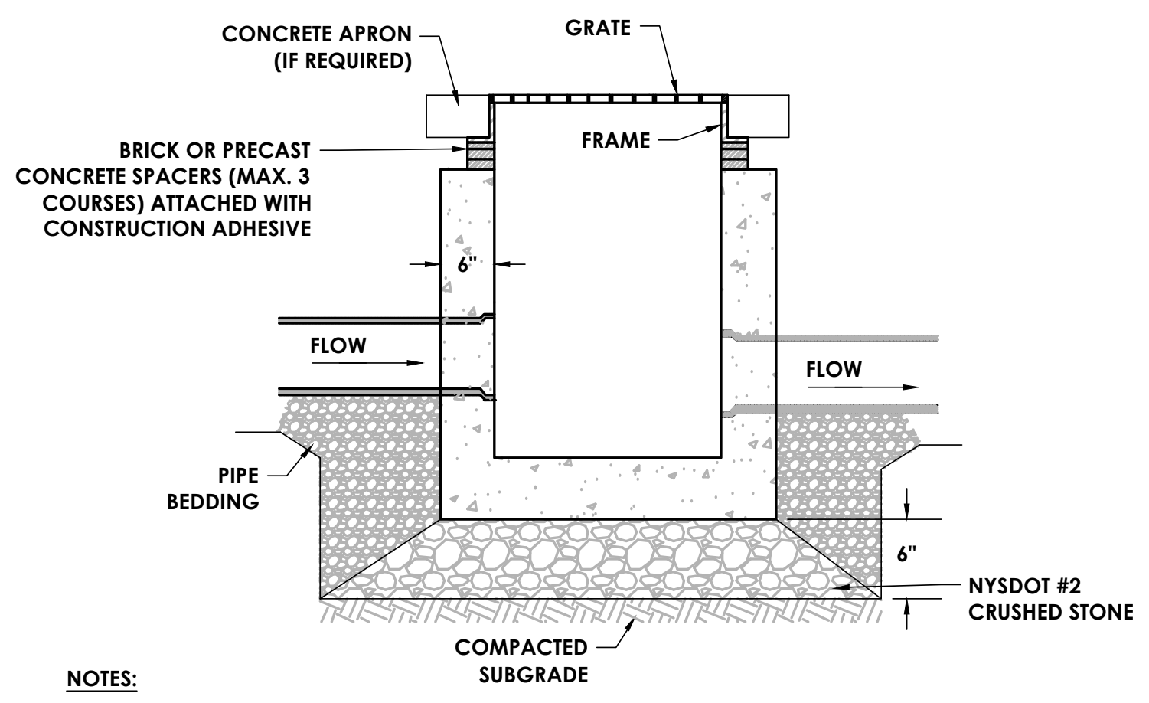
NOTES:

1. SIDEWALK WIDTH SHALL BE MEASURED FROM LOWEST EDGE, UNLESS OTHERWISE SPECIFIED.
2. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE FOR SIDEWALK CONSTRUCTION, THE FILL MATERIAL PLACED SHALL BE IN ACCORDANCE WITH NYSDOT STANDARDS.
3. SIDEWALKS SHALL HAVE A MAX. CROSS SLOPE OF 1.5% PER FOOT, UNLESS OTHERWISE SPECIFIED.
4. ALL EXPOSED CONCRETE SURFACES SHALL BE BROOM-FINISHED PERPENDICULAR TO THE PRIMARY FLOW OF TRAVEL AND THE EDGES SHALL BE FINISHED WITH A 1.5" RADIUS EDGING TOOL.

⑧ TYPICAL SIDEWALK DETAIL
N.T.S.



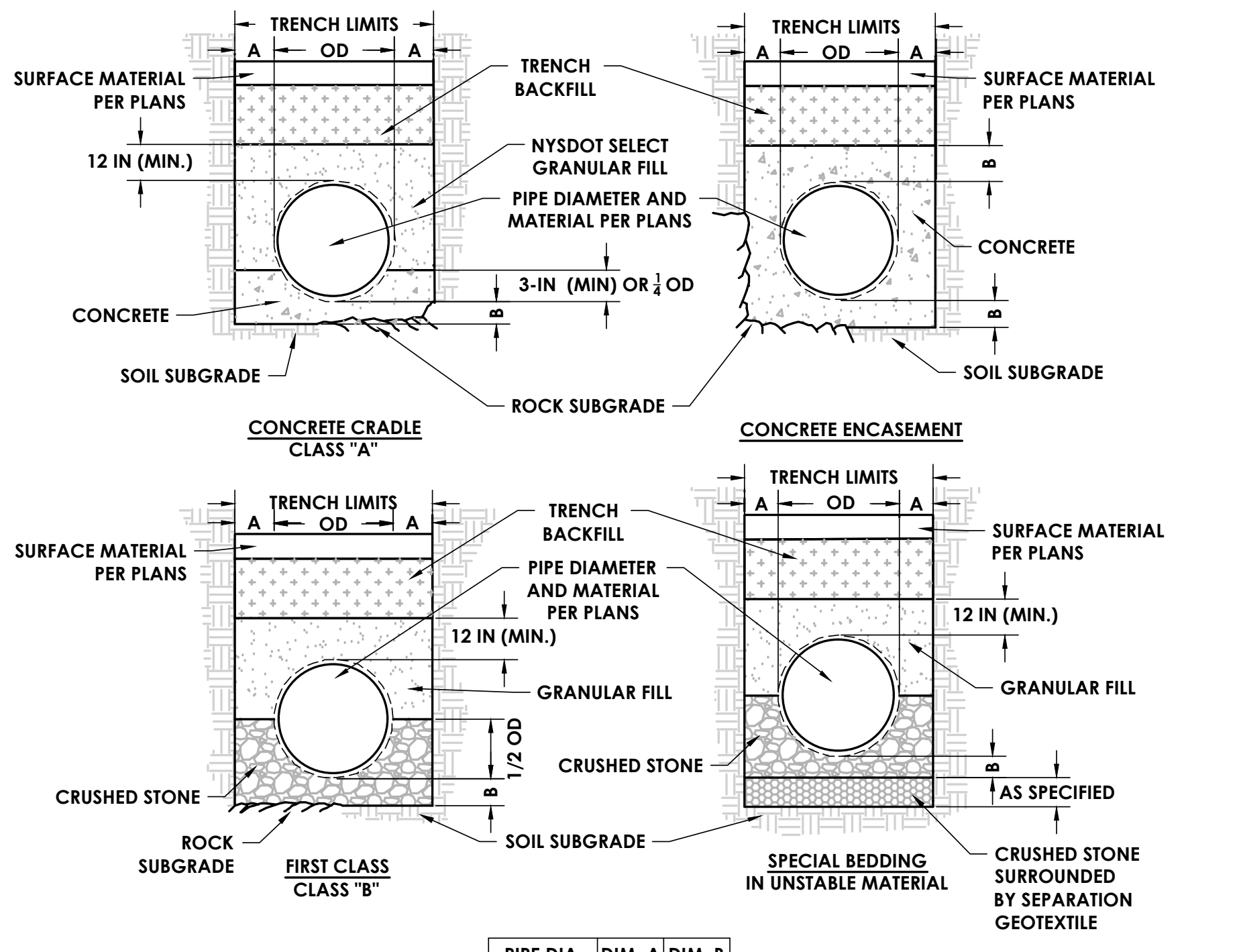
⑨ CONNECTION TO EXISTING STRUCTURE DETAIL
N.T.S.


CONCRETE APRON (IF REQUIRED)
GRATE
BRICK OR PRECAST CONCRETE SPACERS (MAX. 3 COURSES) ATTACHED WITH CONSTRUCTION ADHESIVE
FRAME
6"
FLOW
FLOW
PIPE BEDDING
6"
NYSDOT #2 CRUSHED STONE
COMPACTED SUBGRADE

NOTES:

1. ALL CONCRETE IN CONTACT WITH ASPHALT PAVEMENT SHALL BE COVERED WITH A TACK COAT IN ACCORDANCE WITH N.Y.S.D.O.T. SECTION 407.
2. CATCH BASINS IN PEDESTRIAN WALKWAYS AND BICYCLE AREAS SHALL HAVE ADA COMPLIANT GRATES, OTHERWISE SHALL HAVE RETICULINE GRATES WITH THE LENGTH OF THE GRATE PARALLEL TO THE SURFACE FLOW.
3. CATCH BASIN SHALL BE PRECAST CONCRETE DESIGNED FOR HS20-44 VEHICULAR LOADING AND 25% IMPACT.
4. FRAME AND COVER SHALL BE DESIGNED FOR HS20-44 VEHICULAR LOADING AND 25% IMPACT.
5. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH MANHOLE STEPS.
6. SUBGRADE SHALL BE COMPACTED TO A FIRM, UNYIELDING STATE PRIOR TO PLACEMENT OF ANY MATERIALS ABOVE IT. A WATER-PERMEABLE SEPARATION FABRIC SHALL BE INSTALLED BETWEEN THE SUBGRADE AND STONE MATERIALS.

⑩ STANDARD CATCH BASIN DETAIL
N.T.S.



CONCRETE CRADLE
CLASS "A"

CONCRETE ENCASEMENT

FIRST CLASS
CLASS "B"

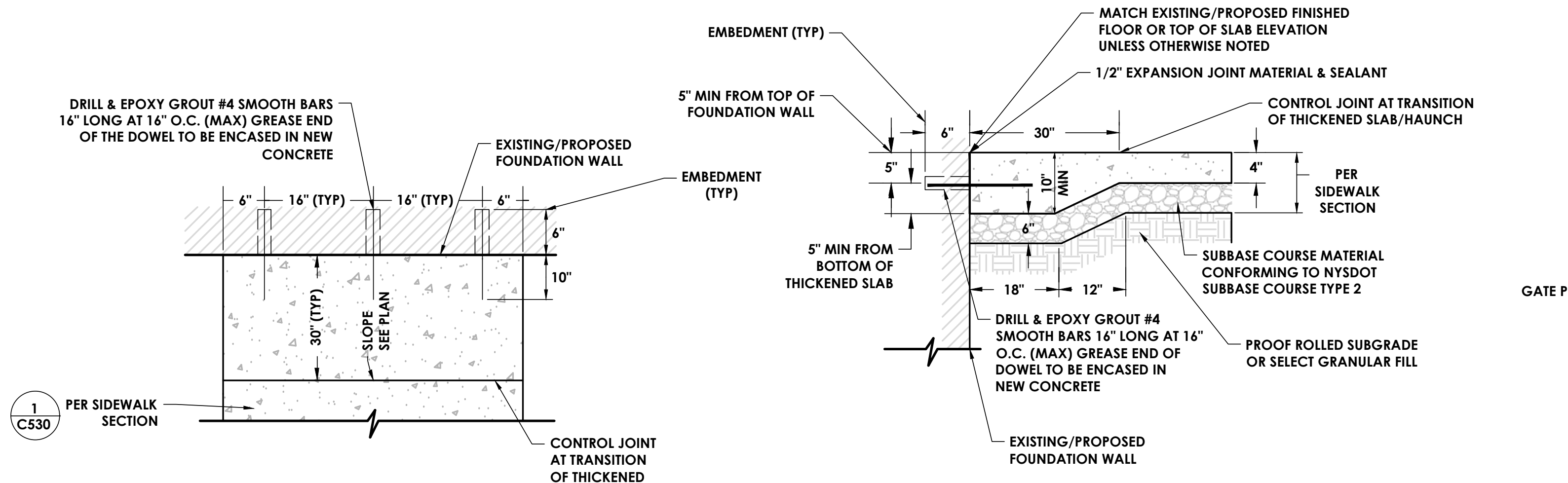
SPECIAL BEDDING
IN UNSTABLE MATERIAL

PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

NOTES

1. TRENCH BACKFILL SHALL GRANULAR FILL, OR SUITABLE NATIVE SOIL APPROVED BY THE ENGINEER AND SHALL BE COMPACTED.
2. SUBGRADE ON TRENCH BOTTOM SHALL BE COMPACTED TO A FIRM, UNYIELDING STATE PRIOR TO PLACEMENT OF ANY MATERIALS ABOVE IT.

⑪ STORM SEWER/SANITARY SEWER BEDDING DETAILS
N.T.S

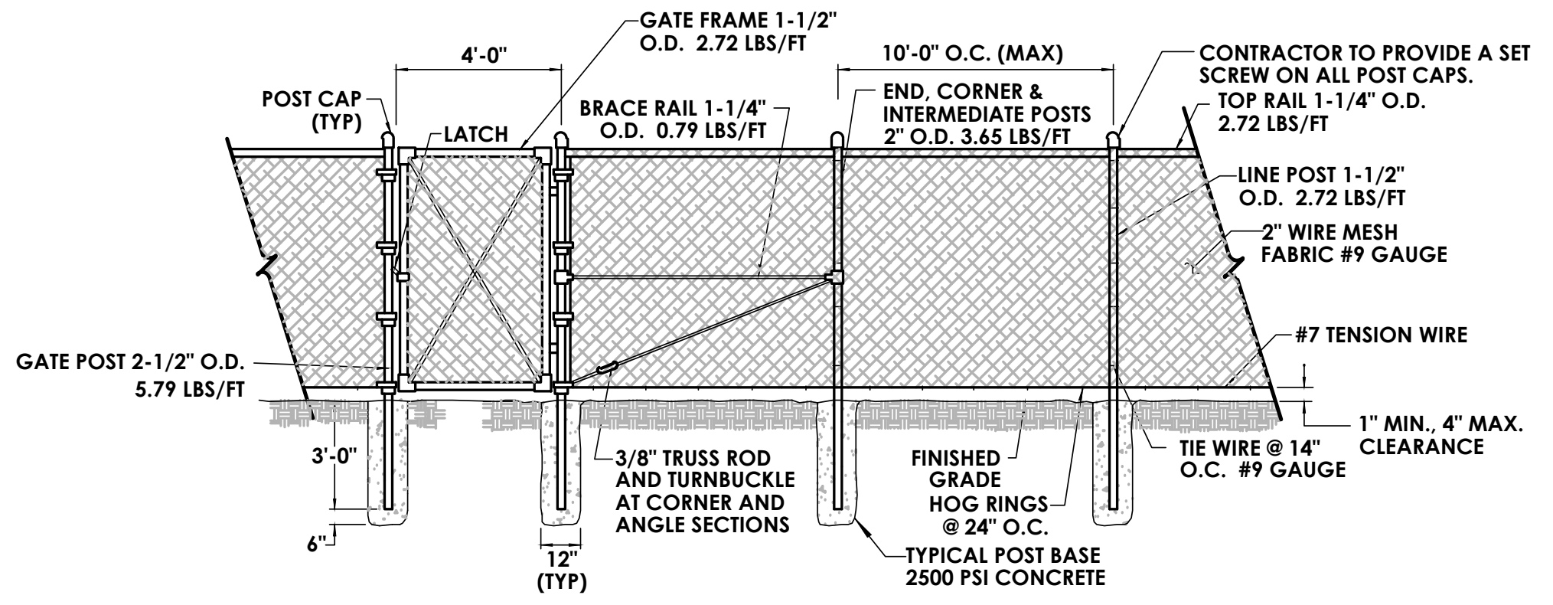

DRILL & EPOXY GROUT #4 SMOOTH BARS 16" LONG AT 16" O.C. (MAX) GREASE END OF THE DOWEL TO BE ENCASED IN NEW CONCRETE
EXISTING/PROPOSED FOUNDATION WALL
EMBEDMENT (TYP)
6"
16" (TYP)
16" (TYP)
6"
6"
10"
30" (TYP)
SLOPE SEE PLAN
1
C530
PER SIDEWALK SECTION
CONTROL JOINT AT TRANSITION OF THICKENED SLAB/HAUNCH
EMBEDMENT (TYP)
MATCH EXISTING/PROPOSED FINISHED FLOOR OR TOP OF SLAB ELEVATION UNLESS OTHERWISE NOTED
1/2" EXPANSION JOINT MATERIAL & SEALANT
5" MIN FROM TOP OF FOUNDATION WALL
CONTROL JOINT AT TRANSITION OF THICKENED SLAB/HAUNCH
6"
30"
5"
10" MIN
4"
PER SIDEWALK SECTION
6"
5" MIN FROM BOTTOM OF THICKENED SLAB
18"
12"
SUBBASE COURSE MATERIAL CONFORMING TO NYSDOT SUBBASE COURSE TYPE 2
DRILL & EPOXY GROUT #4 SMOOTH BARS 16" LONG AT 16" O.C. (MAX) GREASE END OF DOWEL TO BE ENCASED IN NEW CONCRETE
PROOF ROLLED SUBGRADE OR SELECT GRANULAR FILL
EXISTING/PROPOSED FOUNDATION WALL

PLAN

SECTION

⑫ CONCRETE SIDEWALK AT BUILDING ENTRANCES
N.T.S.

NOTES:
1. THICKENED (HAUNCH) & ADDITIONALLY REINFORCED CONCRETE SIDEWALK ENDS ARE REQUIRED AT ALL EXISTING/PROPOSED BUILDING ENTRANCES
2. SEE CONCRETE SIDEWALK DETAIL FOR ADDITIONAL DETAILS & NOTES


POST CAP (TYP)
4'-0"
LATCH
GATE FRAME 1-1/2" O.D. 2.72 LBS/FT
BRACE RAIL 1-1/4" O.D. 0.79 LBS/FT
10'-0" O.C. (MAX)
END, CORNER & INTERMEDIATE POSTS 2" O.D. 3.65 LBS/FT
CONTRACTOR TO PROVIDE A SET SCREW ON ALL POST CAPS.
TOP RAIL 1-1/4" O.D. 2.72 LBS/FT
LINE POST 1-1/2" O.D. 2.72 LBS/FT
2" WIRE MESH FABRIC #9 GAUGE
#7 TENSION WIRE
GATE POST 2-1/2" O.D. 5.79 LBS/FT
1" MIN., 4" MAX. CLEARANCE
3'-0"
6"
3/8" TRUSS ROD AND TURNBUCKLE AT CORNER AND ANGLE SECTIONS
FINISHED GRADE
HOG RINGS @ 24" O.C.
TIE WIRE @ 14" O.C. #9 GAUGE
12" (TYP)
TYPICAL POST BASE 2500 PSI CONCRETE

NOTES:
1) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GATES AND ADJACENT CHAIN LINK FENCE TO THE ENGINEER. NO FENCE OR GATES SHALL BE ERECTED PRIOR TO APPROVAL OF THE DETAILS.
2) THE FENCE AND ALL COMPONENTS SHALL BE CONSTRUCTED OF GALVANIZED STEEL.

⑬ 4' HIGH CHAIN-LINK FENCE
N.T.S.

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WASHINGTONVILLE HIGH SCHOOL
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Chris LaPorta
EXPIRES: 09/30/28

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Sheet Title
SITE DETAILS

Sheet No.
WHS
C530

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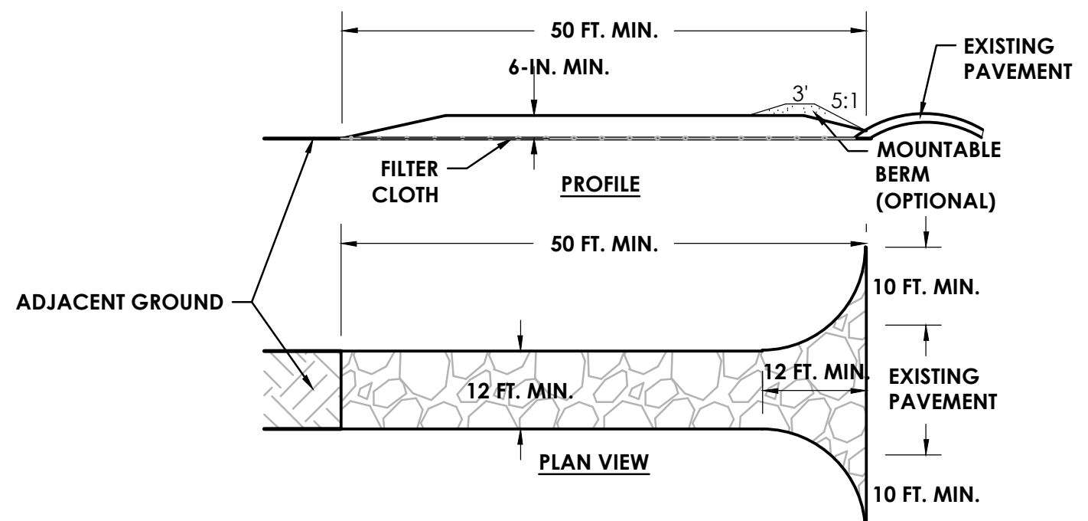
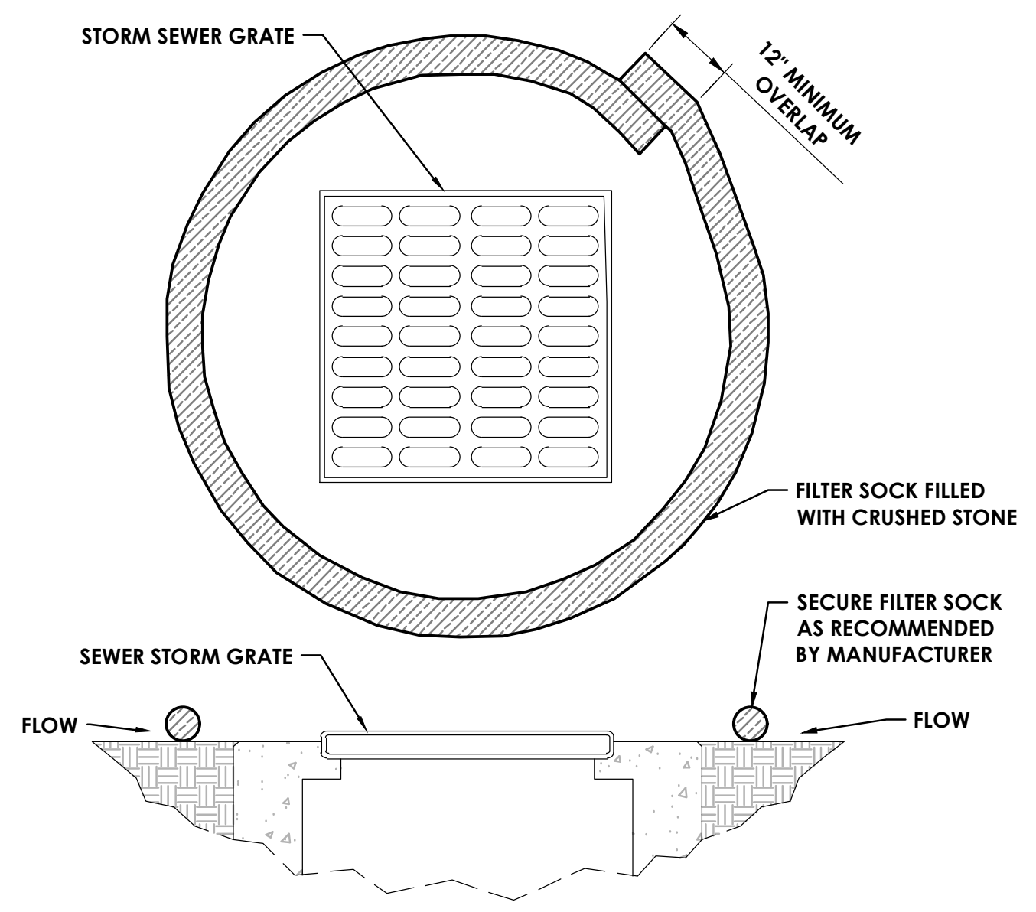


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

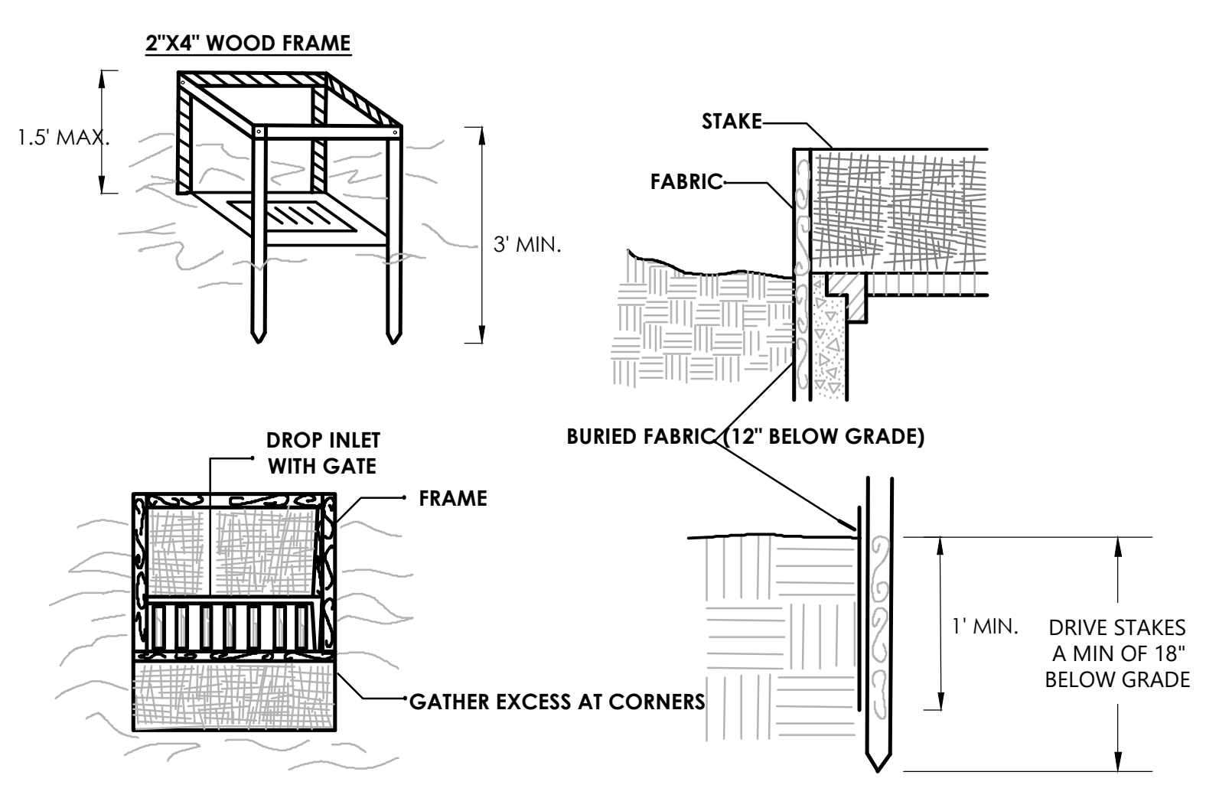
① STABILIZED CONSTRUCTION ENTRANCE

N.T.S.


STORM SEWER GRATE
12" MINIMUM OVERLAP
FILTER SOCK FILLED WITH CRUSHED STONE
SECURE FILTER SOCK AS RECOMMENDED BY MANUFACTURER
SEWER STORM GRATE
FLOW
FLOW

② INLET PROTECTION IN PAVEMENT

N.T.S.

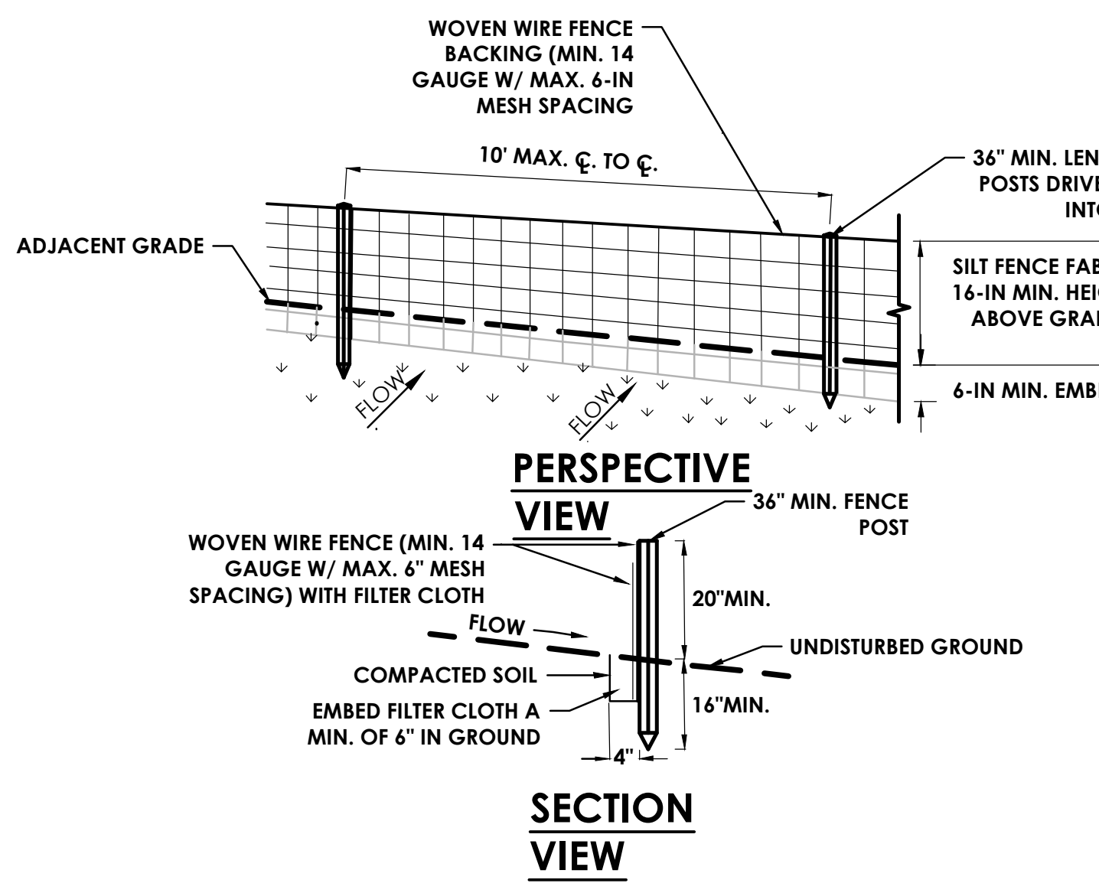


CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
7. DRAINAGE AREA TO EACH PRACTICE SHALL NOT EXCEED 1 ACRE.

③ INLET PROTECTION (FILTER FABRIC DROP)

N.T.S.

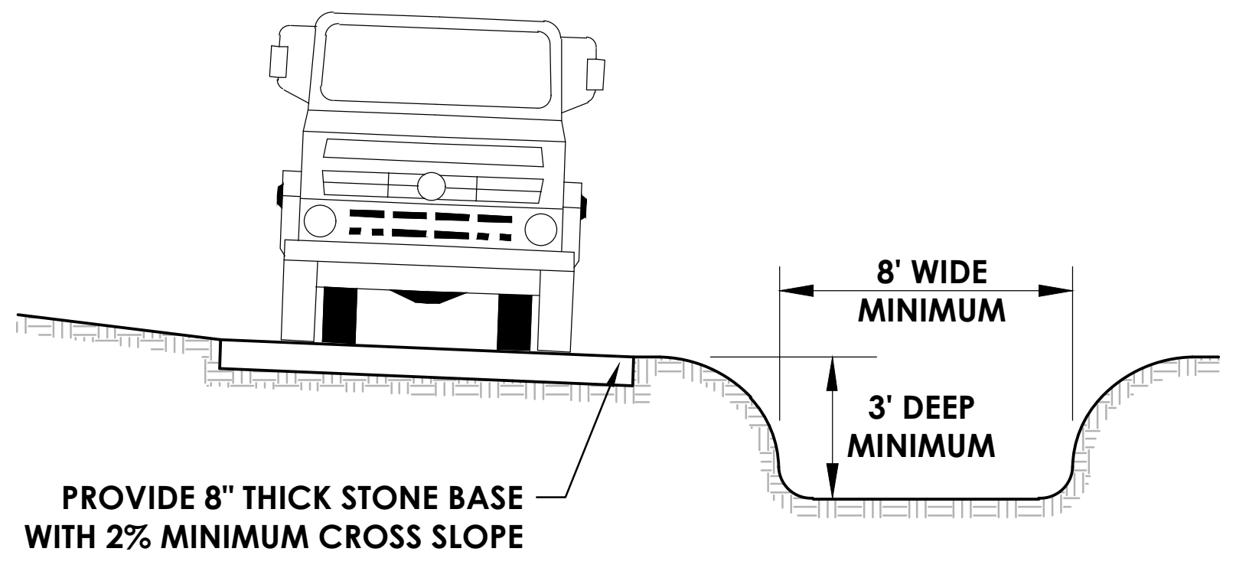

WOVEN WIRE FENCE BACKING (MIN. 14 GAUGE W/ MAX. 6-IN MESH SPACING
10' MAX. ℄ TO ℄.
36" MIN. LENGTH FENCE POSTS DRIVEN MIN. 16" INTO GROUND
ADJACENT GRADE
SILT FENCE FABRIC 16-IN MIN. HEIGHT ABOVE GRADE
6-IN MIN. EMBEDMENT
FLOW
FLOW
PERSPECTIVE VIEW
36" MIN. FENCE POST
WOVEN WIRE FENCE (MIN. 14 GAUGE W/ MAX. 6" MESH SPACING) WITH FILTER CLOTH
20"MIN.
FLOW
UNDISTURBED GROUND
COMPACTED SOIL
EMBED FILTER CLOTH A MIN. OF 6" IN GROUND
16"MIN.
4"
SECTION VIEW

NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

④ SILT FENCE DETAIL

N.T.S.



⑤ TRUCK WASHDOWN AREA

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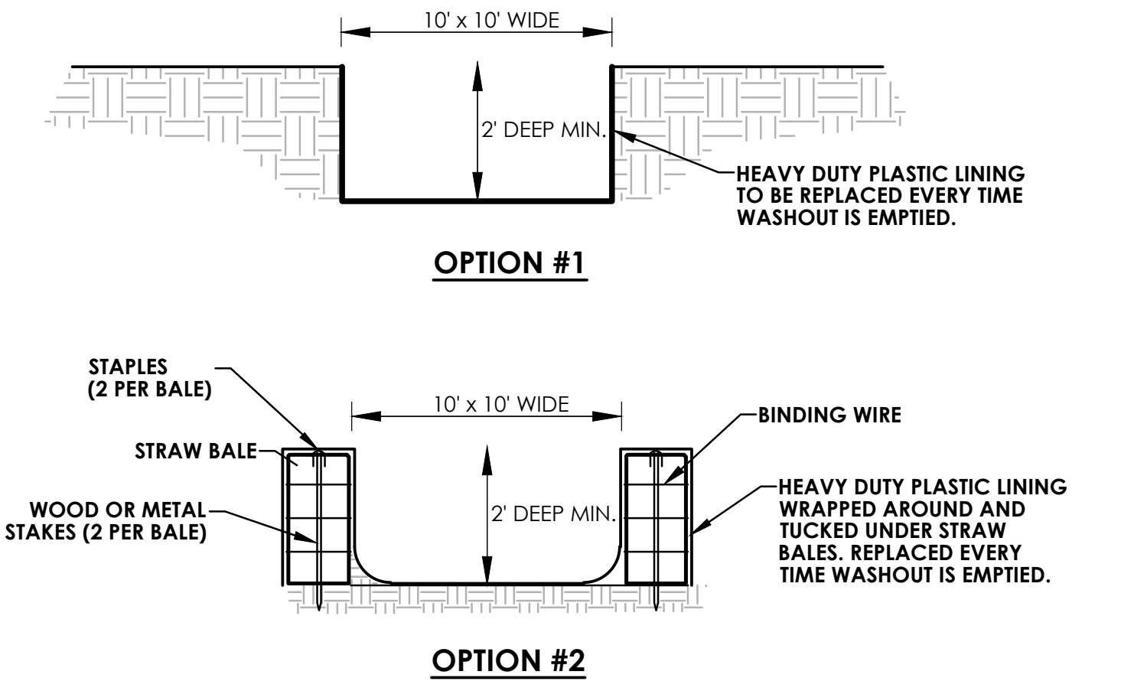
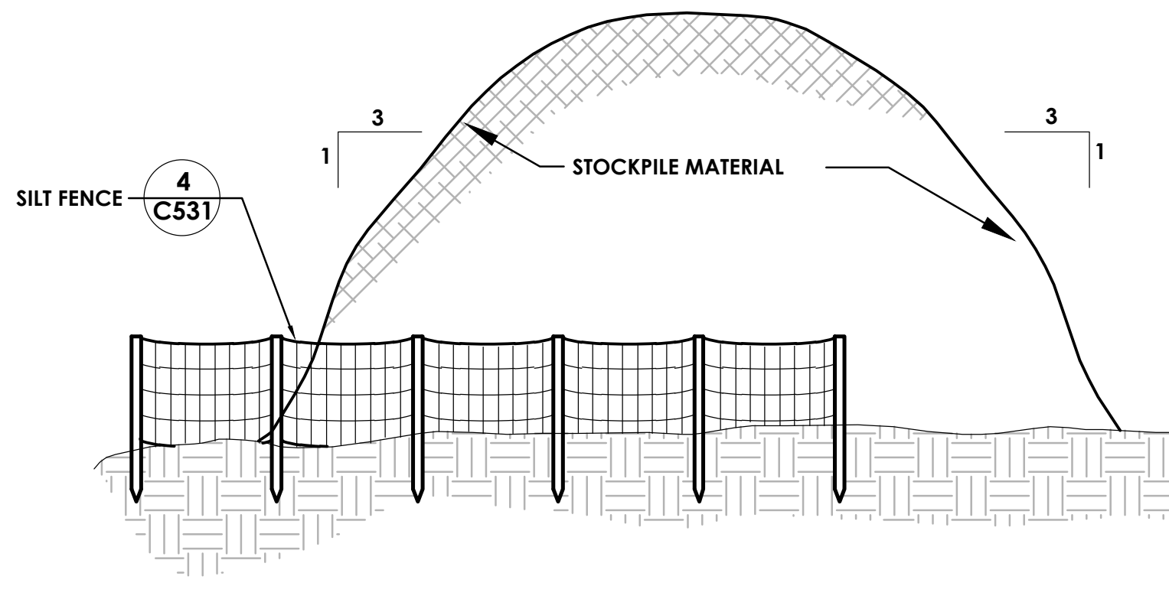

10' x 10' WIDE
2' DEEP MIN.
HEAVY DUTY PLASTIC LINING TO BE REPLACED EVERY TIME WASHOUT IS EMPTIED.
OPTION #1
STAPLES (2 PER BALE)
STRAW BALE
WOOD OR METAL STAKES (2 PER BALE)
10' x 10' WIDE
2' DEEP MIN.
BINDING WIRE
HEAVY DUTY PLASTIC LINING WRAPPED AROUND AND TUCKED UNDER STRAW BALES. REPLACED EVERY TIME WASHOUT IS EMPTIED.
OPTION #2

⑥ CONCRETE WASH OUT AREA OPTION #2

N.T.S.



⑦ STOCKPILE AREA DETAIL

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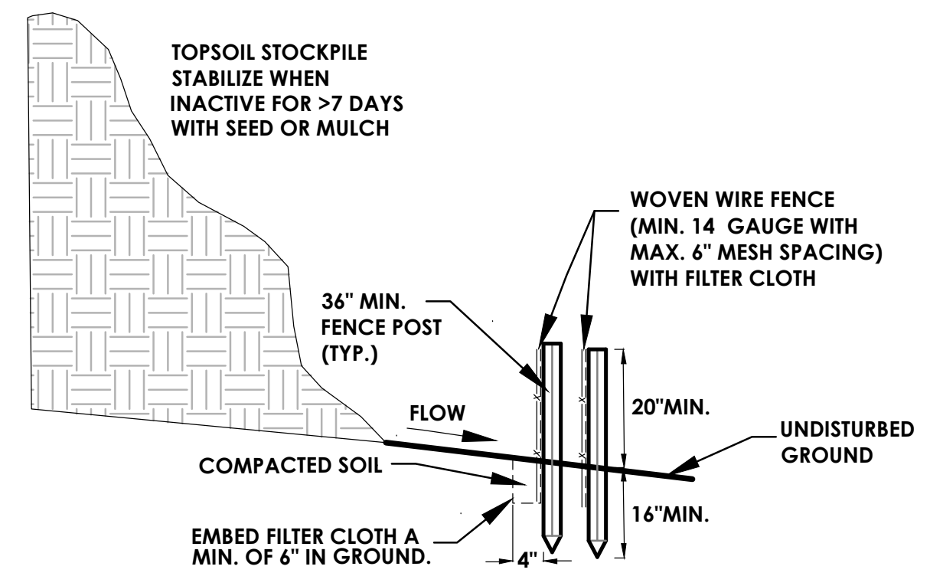
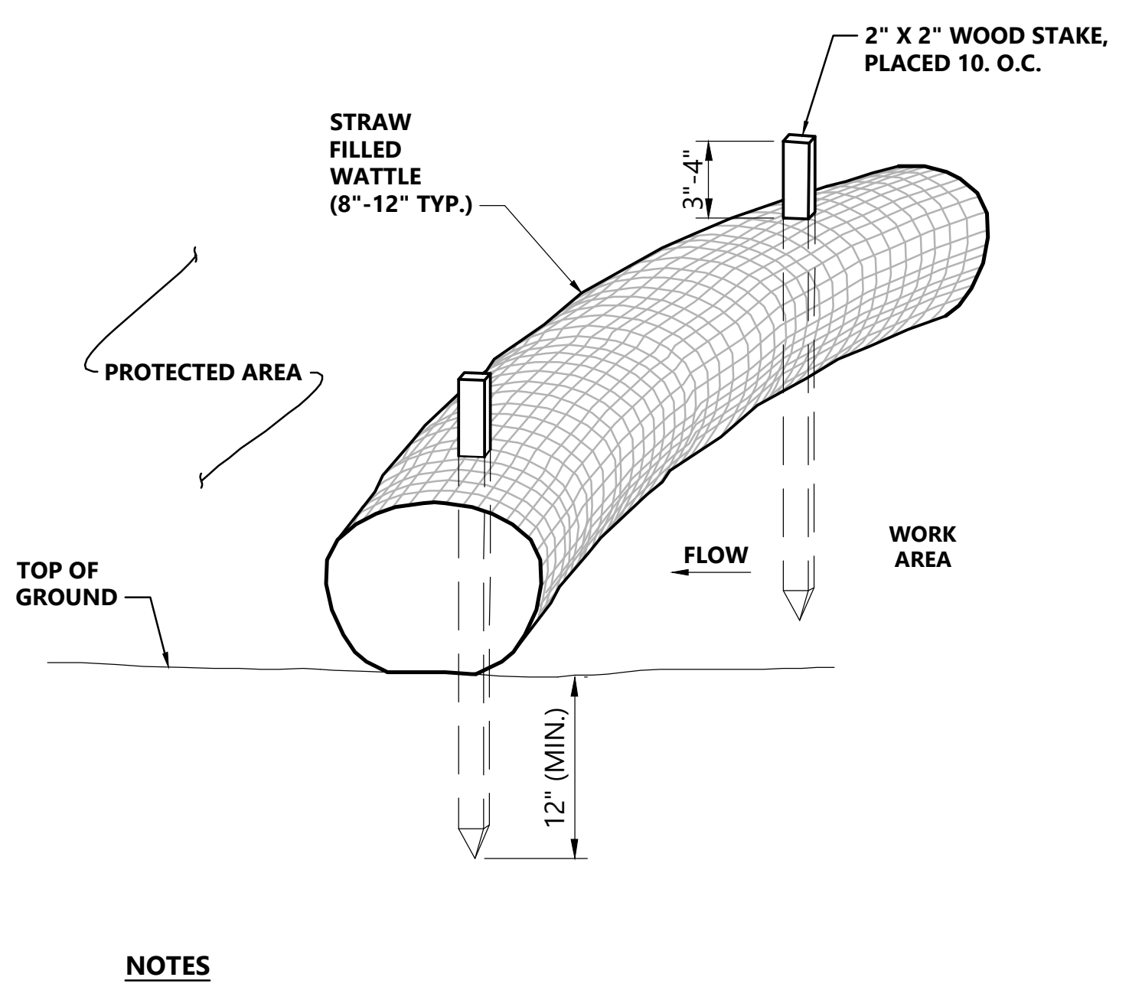

TOPSOIL STOCKPILE STABILIZE WHEN INACTIVE FOR >7 DAYS WITH SEED OR MULCH
WOVEN WIRE FENCE (MIN. 14 GAUGE WITH MAX. 6" MESH SPACING) WITH FILTER CLOTH
36" MIN. FENCE POST (TYP.)
FLOW
20"MIN.
UNDISTURBED GROUND
COMPACTED SOIL
EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.
16"MIN.
4"

SECTION VIEW

CONSTRUCTION NOTES & SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

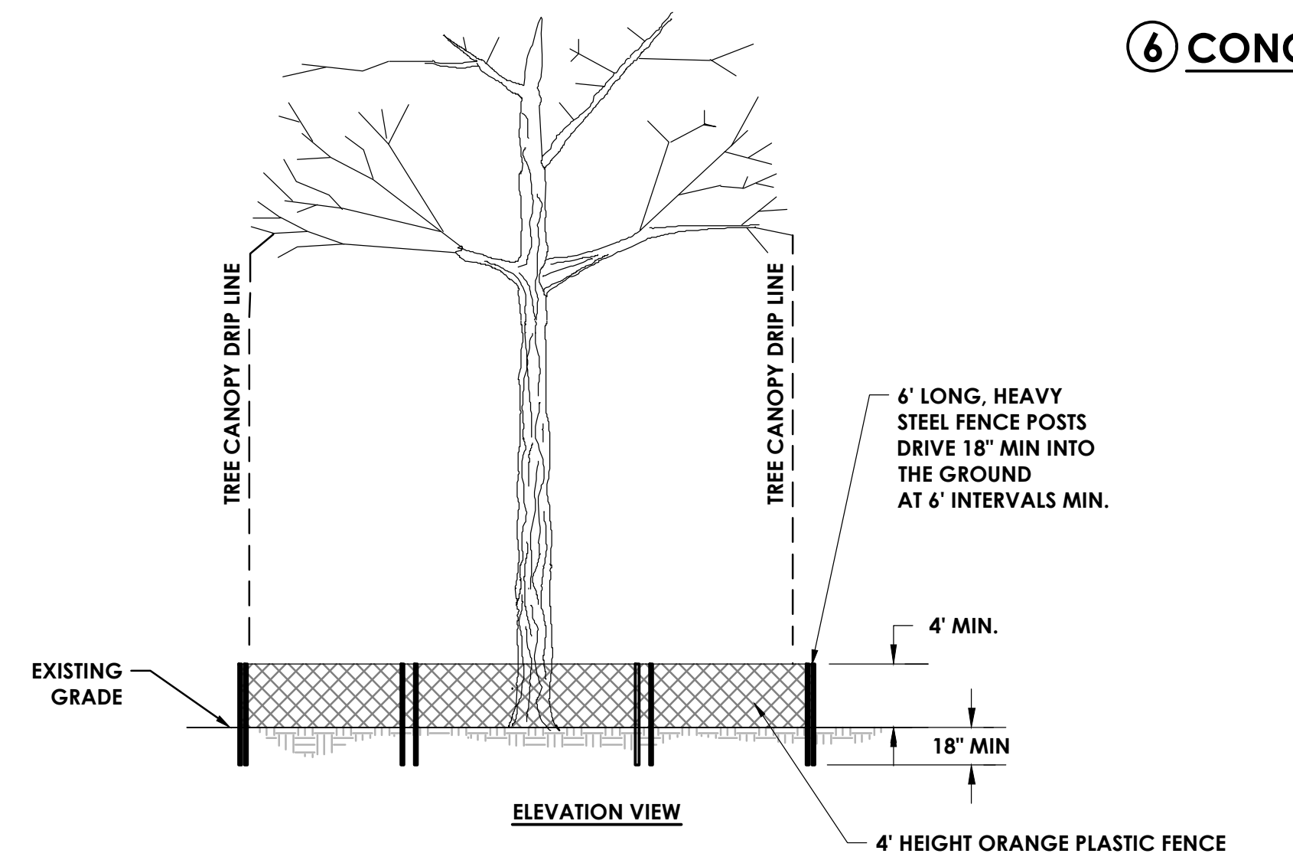

2" X 2" WOOD STAKE, PLACED 10. O.C.
STRAW FILLED WATTLE (8"-12" TYP.)
3"-4"
PROTECTED AREA
TOP OF GROUND
FLOW
WORK AREA
12" (MIN.)

NOTES

1. STRAW WATTLE SHALL BE AS MANUFACTURED BY EARTHSAVER OR APPROVED EQUAL.
2. STRAW WATTLES SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. STRAW WATTLE SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. TEMPORARY STRAW WATTLES TO BE REMOVED BY CONTRACTOR. ALL OTHERS TO REMAIN IN PLACE UNLESS DIRECTED OTHERWISE BY ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.
6. STRAW WATTLE MAY BE USED IN LIEU OF SILT FENCE AT ENGINEERS DISCRETION

⑧ STRAW WATTLE

N.T.S.

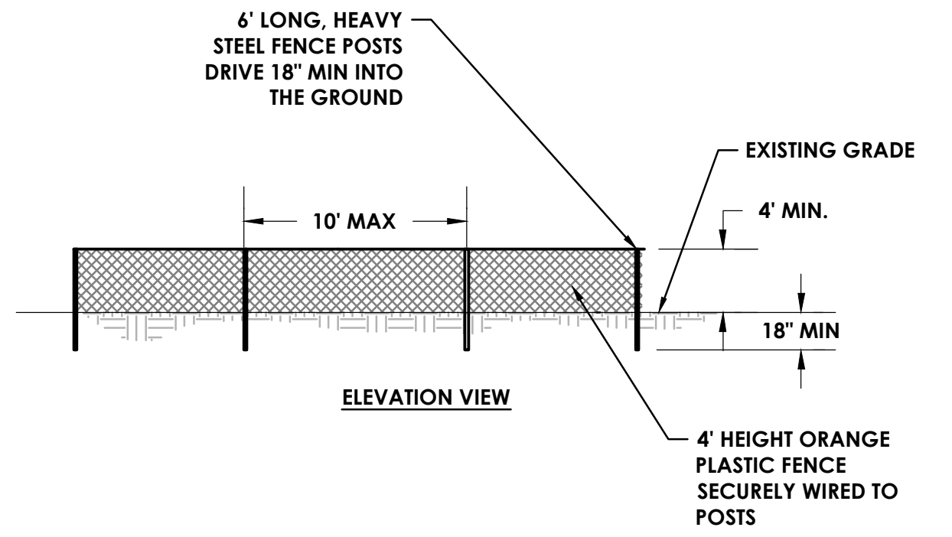

TREE CANOPY DRIP LINE
TREE CANOPY DRIP LINE
6' LONG, HEAVY STEEL FENCE POSTS DRIVE 18" MIN INTO THE GROUND AT 6' INTERVALS MIN.
4' MIN.
EXISTING GRADE
18" MIN
ELEVATION VIEW
4' HEIGHT ORANGE PLASTIC FENCE SECURELY WIRED TO POSTS

NOTES:

1. THE BARRIER SHALL BE LOCATED AT THE DRIP LINE OF THE CANOPY OF THE TREE, A MINIMUM OF 2 FEET FROM THE TRUNK OF THE TREE TO BE PROTECTED, AND SHALL BE ROUND AND CENTERED ON THE TREE.
2. ACCESS FOR WATERING SHALL BE PROVIDED AND LOCATED AWAY FROM CONSTRUCTION.

⑨ TREE PROTECTION DETAIL

N.T.S.

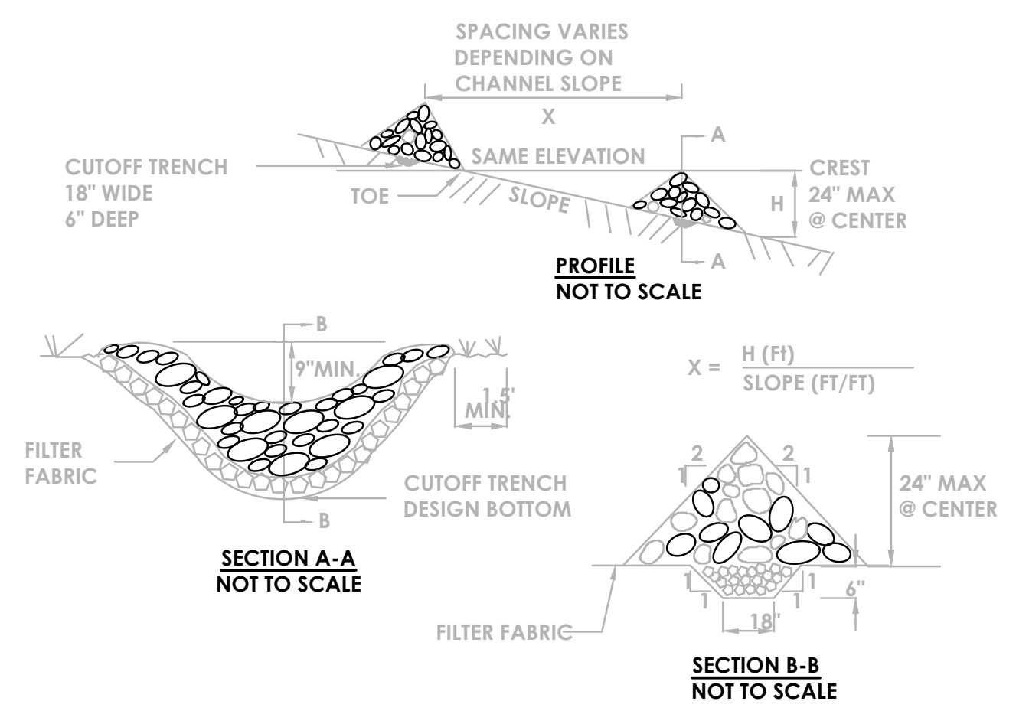

6' LONG, HEAVY STEEL FENCE POSTS DRIVE 18" MIN INTO THE GROUND
EXISTING GRADE
10' MAX
4' MIN.
18" MIN
ELEVATION VIEW
4' HEIGHT ORANGE PLASTIC FENCE SECURELY WIRED TO POSTS

NOTES:

1. TEMPORARY CONSTRUCTION FENCING SHALL BE A MINIMUM OF 4' HIGH WITH POST SPACING AT A MAXIMUM OF 10' O.C.
2. FENCING SHALL NOT SAG WHEN INSTALLED. MATERIAL SHALL BE HIGHLY VISIBLE.

⑩ TEMPORARY ORANGE CONSTRUCTION FENCE

N.T.S.



CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

⑪ STONE CHECK DAM

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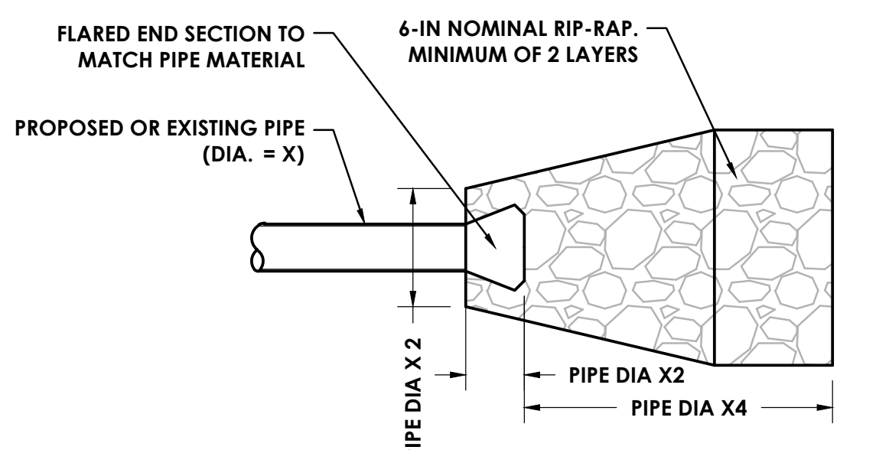
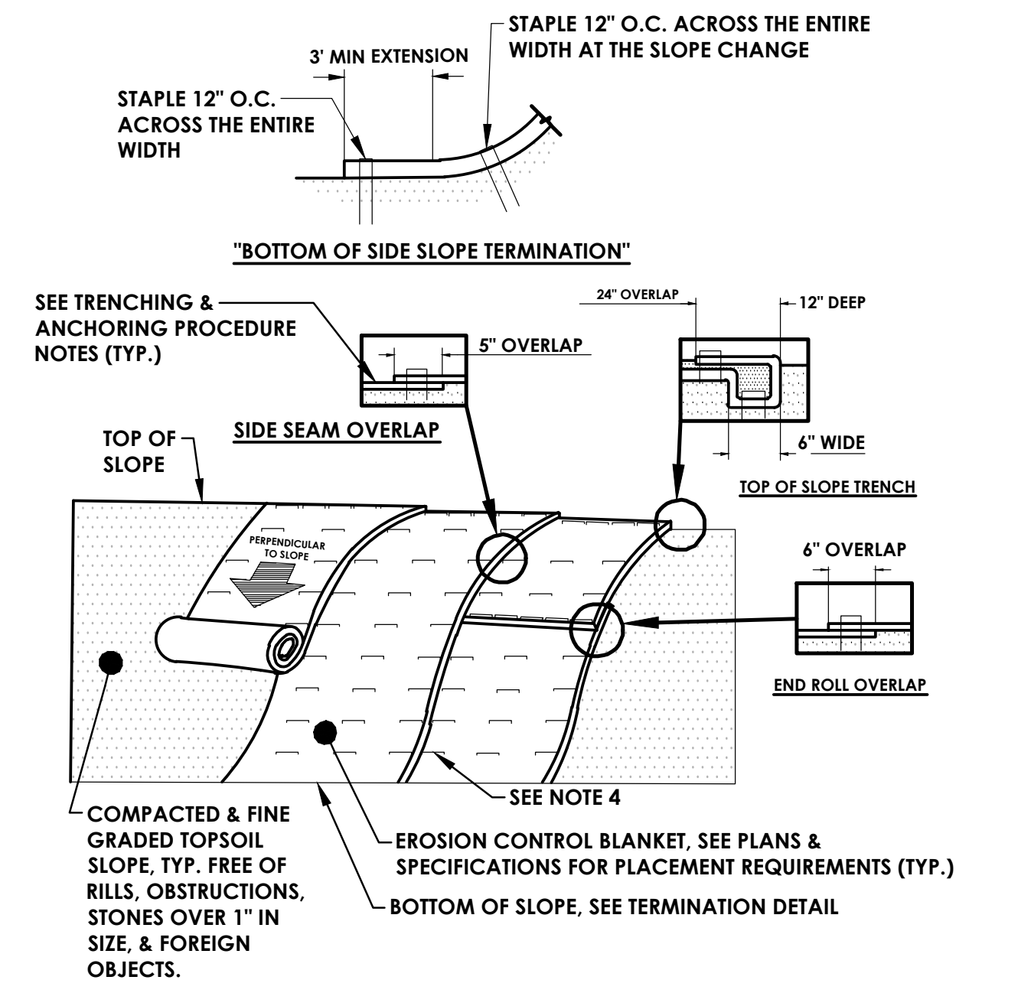

FLARED END SECTION TO MATCH PIPE MATERIAL
6-IN NOMINAL RIP-RAP. MINIMUM OF 2 LAYERS
PROPOSED OR EXISTING PIPE (DIA. = X)
PIPE DIA X 2
PIPE DIA X2
PIPE DIA X4

NOTES

1. RIP RAP SHALL BE PLACED ON 6" THICK BEDDING MATERIAL MEETING NYSDOT STANDARD SPECIFICATION SECTION 620 - COARSE AGGREGATE FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIAL AND THIN OR ELONGATED PARTICLES (703-02).
2. FLARED END SECTION SHALL BE CONNECTED TO PIPE PER MANUFACTURER'S RECOMMENDATIONS.

⑫ FLARED END SECTION AND STONE RIP-RAP DETAIL

N.T.S.


STAPLE 12" O.C. ACROSS THE ENTIRE WIDTH AT THE SLOPE CHANGE
3' MIN EXTENSION
STAPLE 12" O.C. ACROSS THE ENTIRE WIDTH
"BOTTOM OF SIDE SLOPE TERMINATION"
SEE TRENCHING & ANCHORING PROCEDURE NOTES (TYP.)
5" OVERLAP
SIDE SEAM OVERLAP
24" OVERLAP
12" DEEP
6" WIDE
TOP OF SLOPE TRENCH
TOP OF SLOPE
PERPENDICULAR TO SLOPE
6" OVERLAP
END ROLL OVERLAP
SEE NOTE 4
COMPACTED & FINE GRADED TOPSOIL SLOPE, TYP. FREE OF RILLS, OBSTRUCTIONS, STONES OVER 1" IN SIZE, & FOREIGN OBJECTS.
EROSION CONTROL BLANKET, SEE PLANS & SPECIFICATIONS FOR PLACEMENT REQUIREMENTS (TYP.)
BOTTOM OF SLOPE, SEE TERMINATION DETAIL

NOTES:

1. SLOPE STABILIZATION TO BE USED ON ALL CREATED OR DISTURBED SLOPES GREATER THAN 25%.
2. STABILIZE PREPARED EARTHEN SLOPE WITH A BIODEGRADABLE NATURAL FIBER NETTING.
3. APPROVED TYPES AS FOLLOWS: -S150BN - NORTH AMERICAN GREEN 1-800-772-2040 -ECS-2B - EAST COAST EROSION BLANKET 1-800-582-4005 -APPROVED EQUAL
4. ALL SLOPE RESTORATION MUST INCLUDE 4" TOPSOIL.
5. PREPARE THE SOIL SURFACE INCLUDING RAKING, SEEDING AND FERTILIZING PRIOR TO INSTALLING EROSION CONTROL NETTING.
6. AFTER NETTING IS INSTALLED, PLANT ANY PROPOSED LANDSCAPING/GROUND COVER THROUGH SLITS CUT IN FABRIC.
7. PREPARE THE TOPSOIL (SEEDBED) FIRST BY RAKING, SHAPING, FINE GRADING, COMPACTING, SEEDING & FERTILIZING THE SLOPES.
8. USE THE TRENCHING & ANCHORING PROCEDURES DETAILED HEREIN TO SECURE ANY EXPOSED MATERIAL ENDS, SECURE ALL PRODUCT OVERLAPS, OVERLAP IN THE DIRECTION OF WATER FLOW, PERPENDICULAR TO THE SLOPE.
9. KEEP EROSION CONTROL BLANKET IN SOLID CONTACT WITH THE TOPSOIL.
10. USE THE REQUIRED NUMBER OF STAPLES/STAKES TO SECURELY FASTEN THE EROSION CONTROL BLANKET TO THE SLOPE IN LOOSE SOIL CONDITIONS. THE USE OF STAPLES/STAKES LENGTHS GREATER THAN 6" MAYBE NECESSARY FOR PROPER SECURING. STAPLE PATTERNS & OVERLAPS ARE DEPENDENT ON SITE CONDITIONS & MANUFACTURER'S REQUIREMENTS. CONTRACTOR SHALL CONSULT WITH MANUFACTURER FOR ACTUAL SITE SPECIFIC REQUIREMENTS. TRENCHING & ANCHORING PROCEDURE NOTES: SIDE SEAM OVERLAP: THE EDGES OF PARALLEL BLANKETS SHALL BE STAPLED WITH A 5" OVERLAP. TOP OF SLOPE TRENCH: BEGIN AT THE TOP OF SLOPE BY ANCHORING THE EROSION CONTROL BLANKET IN A 6"D X 6"W TRENCH WITH A 12" OVERLAP EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR WITH A ROW OF STAPLES/STAKES 12" O.C. IN THE BOTTOM OF THE TRENCH. BACKFILL & COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL & FOLD THE REMAINING 12" PORTION OF THE EROSION CONTROL BLANKET BACK OVER THE SEED & COMPACTED SOIL. SECURE THE EROSION CONTROL BLANKET BACK OVER THE SEED & COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED 12" O.C. ACROSS THE ENTIRE WIDTH. END ROLL OVERLAP: CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE SHALL BE PLACED END OVER END (SINGLE-STYLE) WITH A 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREAS, 12" APART ACROSS THE ENTIRE WIDTH.

⑬ EROSION CONTROL BLANKET INSTALLATION DETAIL

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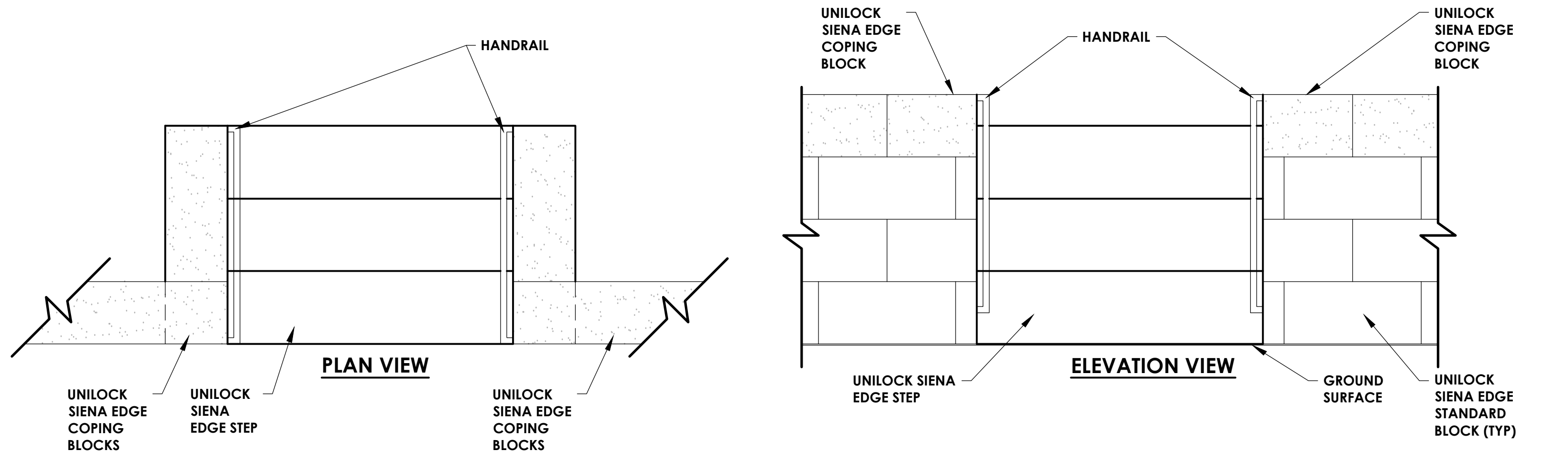
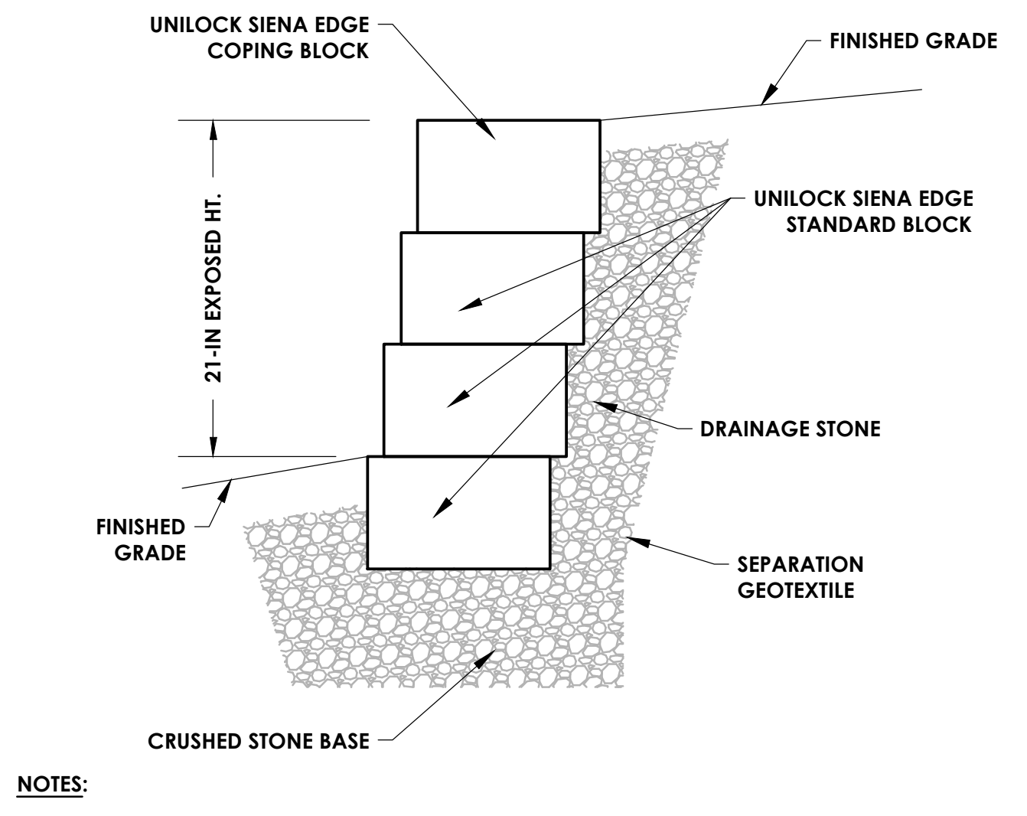

HANDRAIL
UNILOCK SIENA EDGE COPING BLOCKS
UNILOCK SIENA EDGE STEP
PLAN VIEW
UNILOCK SIENA EDGE COPING BLOCKS
UNILOCK SIENA EDGE COPING BLOCK
HANDRAIL
UNILOCK SIENA EDGE COPING BLOCK
UNILOCK SIENA EDGE STEP
ELEVATION VIEW
GROUND SURFACE
UNILOCK SIENA EDGE STANDARD BLOCK (TYP)

⑭ SEATING WALL STAIRS

N.T.S.

NOTES:

1. BASIS OF DESIGN IS SIENA EDGE MODULAR WALL BLOCKS, AS MANUFACTURED BY UNILOCK, INC. SEATING WALL AND STAIRS/RAILINGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION.
2. RAILINGS SHALL BE 1.25-INCH DIA. ALUMINUM PIPE RAILING, PRIMED AND PAINTED WITH 2 COATS OF BLACK ENAMEL PAINT SUITABLE FOR WEATHER EXPOSURE. RAILING SHALL BE ATTACHED TO THE SIENA EDGE BLOCKS (OR OTHER APPROVED PRODUCT) IN ACCORDANCE WITH UNILOCK (OR OTHER APPROVED MANUFACTURER) RECOMMENDATIONS.
3. CONTRACTOR SHALL VERIFY THE MATERIAL, FINISH, COLOR, ETC. OF ALL COMPONENTS WITH THE OWNER PRIOR TO ORDERING.



NOTES:

1. BASIS OF DESIGN IS SIENA EDGE MODULAR WALL BLOCKS, AS MANUFACTURED BY UNILOCK, INC. SEATING WALL AND STAIRS/RAILINGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION.
2. CONTRACTOR SHALL VERIFY THE MATERIAL, FINISH, COLOR, ETC. WITH THE OWNER PRIOR TO ORDERING.

⑮ SEATING WALL SECTION

N.T.S.

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Consultant
PASSERO ASSOCIATES
engineering architecture

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE DIRECTION OF A LICENSED ENGINEER. WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
102592
EXPIRES: 09/30/28

#	DATE	DESCRIPTION

Drawn By: TO
Checked By: RV
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

Sheet Title
EROSION AND SEDIMENT CONTROL & SEATING WALL DETAILS

Sheet No.
WHS
C531

CONSTRUCTION DOCUMENTS

GENERAL NOTES:

1. ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, HVAC, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. THE CONTRACTOR(S) SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. IN THE FIELD AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION OR SHOP DRAWINGS.
3. THE DRAWINGS ARE INTENDED TO REQUIRE AND TO INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT PROPER FOR THE WORK.
4. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES AND REQUIREMENTS.
5. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND SAFETY PROCEDURES. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
6. OBSERVE ALL OSHA AND OTHER APPLICABLE SAFETY REQUIREMENTS INCLUDING THE USE OF SAFETY GLASSES, HARD HATS, AND PROTECTION OF AREA WHEN WORKING OVERHEAD. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY AT ALL TIMES.
7. COORDINATE WORK OF ALL DISCIPLINES (STRUCT., ARCH., MECH., ELECT., ETC.) WITH EXISTING CONDITIONS, SPECIAL REQUIREMENTS, CONSTRUCTION SCHEDULE AND OTHER CONTRACTORS PERFORMING WORK AT THE SITE.
8. ALL TEMPORARY SHORING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY TEMPORARY SHORING, BRACING, ETC., AS NEEDED FOR THE WORK SO AS NOT TO ENDANGER THE STRUCTURAL INTEGRITY OF ANY EXISTING FEATURE.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE DONE TO EXISTING FEATURES AS A RESULT OF THIS WORK. DAMAGED ITEMS SHALL BE REPLACED IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.
10. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO CONSTRUCTION. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED AGAINST ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IMMEDIATELY. SEE THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS FOR OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS. CHANGES AFFECTING THE LAYOUT SHOWN MUST BE SPECIFIC AND CLEARLY CONVEYED TO THE OWNER'S REPRESENTATIVE IN WRITTEN FORM AS A CHANGE FOR INCLUSION INTO THESE PLANS.
11. SHOP DRAWINGS: REPRODUCTION OF DESIGN DRAWINGS SHALL NOT BE PERMITTED FOR SHOP DRAWING SUBMISSIONS. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND PROVIDE REVIEW STAMP ON SHOP DRAWING SUBMISSIONS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER INDICATING UNDERSTANDING AND ACCEPTANCE OF SUBMITTAL AND CONFIRMING CONFORMANCE TO PROJECT PLANS/SPECIFICATIONS.
12. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS MAY BE NECESSARY.
13. EQUIPMENT FRAMING LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO HVAC, PLUMBING, PROCESS OR ELECTRICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF THE PERTINENT TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN THESE REQUIREMENTS SHALL BE BORNE BY THE APPROPRIATE CONTRACTOR.

RENOVATION AND EXISTING STRUCTURE NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS NECESSARY FOR PROPER FABRICATION AND ERECTION OF ALL STRUCTURAL MEMBERS. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURES AS REQUIRED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF EXISTING STRUCTURES DURING CONSTRUCTION.
2. BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE, WHICH ARE TO REMAIN.
3. ALL EXISTING STRUCTURAL ELEMENTS (SLABS, BEAMS, WALLS, COLUMNS, FOUNDATIONS...) SHALL REMAIN INTACT UNLESS SPECIFICALLY NOTED TO BE REMOVED BY THE DEMOLITION DOCUMENTS OR OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS.
4. INFORMATION PROVIDED ON THESE DRAWINGS RELATED TO EXISTING CONDITIONS IS BASED ON AVAILABLE DESIGN DOCUMENTS AND LIMITED FIELD OBSERVATION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY AND AWAIT DIRECTION FROM THE OWNER'S REPRESENTATIVE IF ANY DISCREPANCY BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING CONDITIONS IS DISCOVERED.
5. THIS PROJECT REQUIRES DRILLING INTO EXISTING REINFORCED CONCRETE STRUCTURE. THE CONTRACTOR SHALL NOT RECEIVE ADDITIONAL PAYMENT FOR DIFFICULTIES ENCOUNTERED IN DRILLING DUE TO HARDNESS OF MATERIALS, HITTING OF EXISTING REINFORCING, ETC. ALL COSTS ASSOCIATED WITH RE-DRILLING OF HOLES DUE TO HITTING EXISTING REINFORCING STEEL SHALL BE BORNE BY THE CONTRACTOR. THIS INCLUDES FILLING UNNECESSARY AND UNUSED HOLES WITH EPOXY GROUT. DO NOT CUT REINFORCING STEEL DURING CONCRETE DRILLING OR CORING OPERATIONS. LOCATE REINFORCING USING NON-DESTRUCTIVE TESTING PRIOR TO DRILLING AND CORING OPERATIONS.
6. CORE DRILLS REQUIRED BY MECHANICAL OR ELECTRICAL TRADES BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE DOCUMENTED SHOWING EXACT DIMENSIONS AND LOCATIONS. THE DRAWING SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PROCEEDING WITH THE DRILLING OPERATION.
7. EXISTING CONCRETE SURFACE PREPARATION: INTENTIONALLY ROUGHEN EXISTING CONCRETE SURFACES TO AN AMPLITUDE OF 3/4" WHERE NEW CONCRETE IS BEING PLACED AGAINST THE EXISTING CONCRETE AND CONNECTED BY DRILLING AND EPOXY GROUTING.
8. EXISTING CONCRETE SURFACE PREPARATION: INTENTIONALLY ROUGHEN EXISTING CONCRETE SURFACES TO AN AMPLITUDE OF 3/4" WHERE NEW CONCRETE IS BEING PLACED AGAINST THE EXISTING CONCRETE AND CONNECTED BY DRILLING AND EPOXY GROUTING. THE ENTIRE COMMON SURFACE WHERE THE EXISTING CONCRETE ABUTS THE NEW SHALL BE COATED WITH A BONDING AGENT. FOLLOW ALL ADDITIONAL REQUIREMENTS OF SURFACE REPARATION AS REQUIRED BY THE BONDING AGENT MANUFACTURER.
9. CONCRETE AND MASONRY REPAIR SHOULD BE INCLUDED BY GENERAL CONTRACTOR AS A UNIT PRICE. ALL QUANTITIES ARE ESTIMATES ONLY.
10. WORK SHOULD BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING. FINAL QUANTITIES MAY BE GREATER OR LESS THAN THE ESTIMATE.

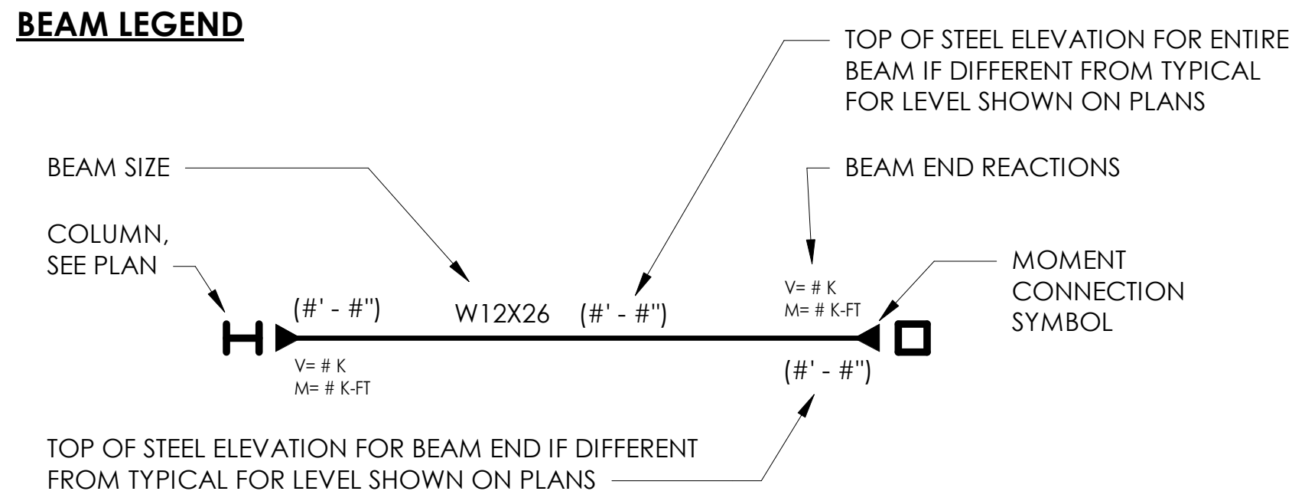
STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL WORK INCLUDES ALL STRUCTURAL STEEL TO BE FURNISHED AND ERECTED, BEAMS, COLUMNS, CHANNELS, ANGLES, JOISTS, LINTELS, BEARING PLATES, ETC., AS INDICATED ON THE DRAWINGS.
2. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
   - A. AISC STEEL CONSTRUCTION MANUAL, ASD, 14TH EDITION
   - B. AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE STEEL", 2015.
   - C. CURRENT OSHA ERECTION AND FABRICATION REQUIREMENTS.
3. MATERIALS:
   - A. WIDE FLANGE BEAMS, GIRDERS AND COLUMNS: ASTM A992
   - B. ANGLES, BARS AND PLATES: ASTM A36.
   - C. HOLLOW STRUCTURAL SECTIONS "HSS": ASTM A500, GRADE C
   - D. PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B. U.N.O.
   - E. HIGH STRENGTH BOLTS: ASTM A 325.
   - F. WELDS: E70XX ELECTRODES.
4. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.
5. ALL STRUCTURAL STEEL SHOP CONNECTIONS SHALL BE WELDED AND ALL FIELD CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED UNLESS SHOWN OTHERWISE.
6. ALL BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS NOTED OTHERWISE. SLIP CRITICAL BOLTS SHALL BE USED AT ALL MOMENT CONNECTIONS.
7. BOLTS SHALL BE 3/4 INCH DIAMETER, TYPE A325N, UNLESS OTHERWISE INDICATED. FOR DELEGATED DESIGN CONNECTIONS, BOLT SIZE, GRADE AND TYPE SHALL BE AS SPECIFIED BY THE DELEGATED CONNECTIONS DESIGN ENGINEER (ASTM A325N, 3/4 INCH DIAMETER, MINIMUM).
8. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE. SWAGED ANCHOR BOLTS AND ANCHOR BOLTS WITH HOOKED END ANCHORAGE ARE NOT ALLOWED.
9. WELDS INDICATED "CJP" SHALL BE COMPLETE JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE COMPLETE JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.
10. WELDS INDICATED "PJP" SHALL BE PARTIAL JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE PARTIAL JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.
11. WHERE THE WORK OF OTHER TRADES REQUIRES CUTS, HOLES, ETC., IN STRUCTURAL STEEL MEMBERS, CUTS, HOLES, ETC., SHALL BE MADE IN THE SHOP AND SHALL BE SHOWN ON THE SHOP DRAWINGS. MAKING HOLES OR CUTS IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED WITHOUT SPECIFIC APPROVAL OF THE OWNER'S REPRESENTATIVE.

STEEL DECK NOTES:

1. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
   - A. AISI / STEEL DECK INSTITUTE "C-2011 STANDARD FOR COMPOSITE STEEL DECK-SLABS"
   - B. AMERICAN WELDING SOCIETY (AWS) D1.3 "STRUCTURAL WELDING CODE- SHEET STEEL", 2015.
2. ROOF DECK CONNECTIONS: IN ACCORDANCE WITH TYPICAL ROOF DECK ATTACHMENT DETAIL
3. ALL METAL DECK HAS BEEN DESIGNED TO BE CONTINUOUS OVER THREE SPANS MINIMUM, AND SHALL BEAR AT LEAST 1 ½ INCHES MINIMUM ON STEEL SUPPORTS OR MORE AS REQUIRED BY DECK MANUFACTURER. FOR ONE OR TWO SPAN CONDITIONS, THE CONTRACTOR SHALL PROVIDE SHORING AS REQUIRED, OR FURNISH HIGHER GAGE DECK AS REQUIRED TO SUPPORT ALL THE APPLICABLE LOADS. CONTRACTOR SHALL SUBMIT ALTERNATE FOR APPROVAL. CONTRACTOR SHALL ENSURE THAT CONSTRUCTION LOADS ON STEEL DECK DO NOT EXCEED SDI PUBLISHED CONSTRUCTION LOAD CRITERIA.
4. DESIGN ROOF DECK IN ACCORDANCE WITH THE FOLLOWING:
   - A. YIELD STRENGTH, Fy = 50 KSI
   - B. DEPTH: AS INDICATED
   - C. MINIMUM SECTION MODULUS, Sp: [0.224/0.229] CUBIC INCHES
   - D. MINIMUM MOMENT OF INERTIA, In: [0.197/0.217] INCHES^4
5. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES, INSERTS, ETC., WITH SHOP DRAWINGS OF THE EQUIPMENT TO BE INSTALLED. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF PIPE SLEEVES. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF OPENINGS IN ROOF.

BEAM LEGEND


TOP OF STEEL ELEVATION FOR ENTIRE BEAM IF DIFFERENT FROM TYPICAL FOR LEVEL SHOWN ON PLANS
BEAM SIZE
BEAM END REACTIONS
COLUMN, SEE PLAN
MOMENT CONNECTION SYMBOL
(#' - #")
W12X26
(#' - #")
V= # K
M= # K-FT
V= # K
M= # K-FT
(#' - #")
TOP OF STEEL ELEVATION FOR BEAM END IF DIFFERENT FROM TYPICAL FOR LEVEL SHOWN ON PLANS

CONCRETE NOTES

1. SUBMITTALS:
   - A. SUBMIT SHOP DRAWINGS SHOWING FABRICATION, BENDING AND PLACEMENT OF CONCRETE REINFORCEMENT. DETAILING SHALL COMPLY WITH THE ACI DETAILING MANUAL.
   - B. SUBMIT CONCRETE MIX PROPORTIONS WITH SUPPORTING TEST DATA, MATERIAL CERTIFICATIONS AND PRODUCT DATA, TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS BELOW AND THE PROJECT SPECIFICATIONS.
2. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
   - A. ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
   - B. ACI 305, ACI 306, ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
   - C. ACI DETAILING MANUAL (ACI SP-66-04).
   - D. ACI 347 "RECOMMENDED PRACTICE FOR CONCRETE FORM WORK".
   - E. CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE".
   - F. ACI 304 "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE".
3. MATERIALS:
   - A. REINFORCING BARS - ASTM A615, GRADE 60, DEFORMED
   - B. WELDED WIRE FABRIC (WWF) - ASTM A185, FLAT SHEETS.
   - C. PORTLAND CEMENT-ASTM C150.
   - D. AGGREGATES-ASTM C33.
   - E. AIR ENTRAINING ADMIXTURE-ASTM C260, CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER REQUIRED ADMIXTURES.
   - F. PROHIBITED ADMIXTURES-CALCIUM CHLORIDE THIOCYANATES OR ADMIXTURES CONTAINING MORE THAN 0.1% CHLORIDE IONS ARE NOT PERMITTED.
4. FORM WORK: PROVIDE OPENINGS IN CONCRETE FORM WORK TO ACCOMMODATE WORK OF OTHER TRADES
5. CONCRETE PLACEMENT AND FINISHING:
   - A. THE ADDITION OF WATER TO THE CONCRETE MIX AT THE JOB SITE IS NOT PERMITTED UNLESS SPECIFICALLY ALLOWED BY THE OWNER'S REPRESENTATIVE.
   - B. PROTECT CONCRETE WORK FROM THE DETRIMENTAL EFFECTS OF COLD TEMPERATURES IN COMPLIANCE WITH ACI 306.
   - C. PROTECT CONCRETE WORK FROM THE DETRIMENTAL EFFECTS OF HOT WEATHER OR WINDY CONDITIONS IN COMPLIANCE WITH ACI 305.
   - D. PLACE FLOOR SLABS TO SURFACE LEVEL TOLERANCES OF FF20-FL17.
   - E. FORMED SURFACES EXPOSED TO VIEW - SMOOTH RUBBED FINISH.
   - F. SLAB FINISH - PROVIDE TROWEL FINISH AT ALL SLAB AREAS, EXCEPT SLABS WITH AIR-ENTRAINMENT. DO NOT TROWEL AIR-ENTRAINED CONCRETE SLABS, OR EXERCISE CARE IN TIMING AND TECHNIQUES SO AS TO NOT CAUSE FUTURE CONCRETE DELAMINATION.
   - G. PROVIDE MOISTURE CURE TO SLAB SURFACES FOR 7 DAYS BY EITHER COVERING THE CONCRETE WITH WATER, APPLYING A CONTINUOUS WATER-FOG SPRAY, OR COVERING WITH AN ABSORPTIVE COVER. CHEMICAL CURING COMPOUNDS WILL NOT BE ALLOWED ON FLOOR SLABS.
6. CONTINUOUS REINFORCING IN SLABS MAY BE SPLICED, AS REQUIRED, PROVIDING BARS ARE OF THE LONGEST PRACTICABLE LENGTH AND SPLICES ARE SHOWN ON REINFORCING SHOP DRAWINGS. WHEREVER POSSIBLE, SPLICES SHALL BE STAGGERED. FIELD CUTTING OF REINFORCEMENT WILL NOT BE PERMITTED.
7. PROVIDE DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED FOR ALL STRUCTURAL ELEMENTS, UNLESS OTHERWISE INDICATED. DOWELS MUST BE PLACED AND SECURED PRIOR TO CONCRETE PLACEMENT ("WET STICKING" REINFORCING NOT PERMITTED").
8. PLACING OF REINFORCEMENT: PROVIDE CHAIRS, BOLSTERS, ADDITIONAL REINFORCEMENT, AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITION SHOWN ON DRAWINGS. SUPPORT OF REINFORCEMENT ON FORM TIES, WOOD, BRICK, BRICKBAT OR OTHER UNACCEPTABLE MATERIAL, WILL NOT BE PERMITTED.
9. THE CONTRACTOR SHALL REVIEW ALL DRAWINGS FOR SIZE AND LOCATION OF ALL EMBEDDED ITEMS, SLEEVES, SLAB DEPRESSIONS, OPENINGS, ETC. REQUIRED BY OTHER TRADES. RECONCILE THEIR EXACT SIZES AND LOCATIONS BEFORE PROCEEDING WITH THE WORK. ALL ITEMS SHALL BE FURNISHED AND INSTALLED PRIOR TO PLACEMENT OF CONCRETE. SECURE THE APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO PLACING OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS
10. IN SLABS-ON-GRADE, PROVIDE 2 #4X4' 0" DIAGONAL BARS IN THE MIDDLE OF THE SLAB AT EACH CORNER OF OPENINGS OVER 1' 0" SQUARE AND AT RE-ENTRANT CORNERS.
11. PROVIDE CONTROL JOINTS IN CAST-IN-PLACE CONCRETE SLABS-ON-GRADE AT 10 FEET O.C. MAX. LOCATE CONTROL JOINTS TO FORM APPROXIMATE SQUARE PANELS WITH THE LENGTH OF ONE SIDE NOT EXCEEDING THE ADJACENT SIDE BY A FACTOR OF 1.5. CONTROL JOINTS MAY BE CONTRACTION JOINTS, CONSTRUCTION JOINTS, OR EXPANSION JOINTS.
12. WHERE CONSTRUCTION JOINTS ARE REQUIRED BUT ARE NOT INDICATED ON THE DRAWINGS, THEY SHALL BE LOCATED AT THE MID-SPAN OF SLABS AND SHALL BE SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE. UNLESS NOTED OTHERWISE OR SHOWN ON THE DRAWINGS, AT CONCRETE SLABS ON STEEL DECK, SUPPORTED BY STEEL BEAMS AND GIRDERS, CONSTRUCTION JOINTS SHALL BE PLACED AT MID-SPAN OF DECK AND MID-WAY BETWEEN GIRDERS
13. CHAMFER EDGES OF PERMANENTLY EXPOSED CONCRETE SURFACES 3/4-INCH, UNO.
14. SLABS AND BEAMS OR JOISTS SHALL BE CAST MONOLITHICALLY UNLESS OTHERWISE INDICATED.
15. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHEN IT IS SAFE TO REMOVE FORMS AND/OR SHORING. FORMS AND SHORING MUST NOT BE REMOVED UNTIL THE CONCRETE IS STRONG ENOUGH TO CARRY ITS OWN WEIGHT AND ANY ANTICIPATED SUPERIMPOSED LOADS. WHEN FORMS ARE STRIPPED THERE MUST BE NO EXCESSIVE DEFLECTION, DISTORTION, DISCOLORATION, AND NO EVIDENCE OF DAMAGE TO THE CONCRETE.

POST-INSTALLED ANCHOR NOTES:

1. POST INSTALLED ANCHORS HAVE BEEN DESIGNED WITH HILTI ANCHORS (NOTED BELOW) AS THE BASIS OF DESIGN. INSTALL ANCHORS PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
   - A. EXPANSION ANCHORS: KWIK BOLT ((3 OR TZ))
   - B. SLEEVE ANCHORS: HLC SLEEVE ANCHOR
   - C. ADHESIVE ANCHORS: HIT HY-200
   - D. SCREEN TUBE ANCHORS: HIT HY-270
2. CONTRACTOR MAY PROVIDE EQUIVALENT ANCHORS WITH SIZE AND FINISH AS NOTED AND EQUIVALENT SHEAR AND TENSION CAPACITIES AFTER MODIFICATION DUE TO EMBEDMENT, SPACING AND EDGE DISTANCES AT THE DISCRETION OF THE OWNER'S REPRESENTATIVE
3. ALL ADHESIVE ANCHORS FOR REINFORCING SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS.
4. DESIGN ADHESIVE BOND STRENGTH FOR ADHESIVE ANCHORS IN CONCRETE HAS BEEN BASED ON ACI 355.4, TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE DRILL BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS.
5. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318 D.9.2.4.

STRUCTURAL DESIGN CRITERIA

		DESIGN CRITERIA
BUILDING DATA:		
LOCATION		WASHINGTONVILLE, NY
BUILDING OCCUPANCY RISK CATEGORY		III
APPLICABLE BUILDING CODE		2020 EXISTING BUILDING CODE OF NEW YORK STATE (IBC 2018)
FLOOR LIVE LOADING:		
SPECTATOR AREA	LL1	100 PSF
ROOF LIVE LOADING:		
ROOF	LLr	20 PSF
SNOW LOADING:		
SNOW IMPORTANCE FACTOR	Is	1.1
GROUND SNOW LOAD	Pg	40 PSF
SNOW EXPOSURE FACTOR	Ce	1.0
ROOF THERMAL FACTOR	Ct	1.0
FLAT ROOF SNOW LOAD	Pf	30.8 PSF
DRIFTING SNOW		AS REQUIRED PER ASCE 7-16
DRIFT SURCHARGE LOAD	Pd	103.6 PSF
DRIFT WIDTH	w	26.4 FT
WIND LOADING (MAIN WIND FORCE RESISTING SYSTEM):		
ANALYSIS PROCEDURE		DIRECTIONAL PROCEDURE
ULTIMATE DESIGN WIND SPEED (3- SECOND GUST)	Vult	120 mph
NOMINAL DESIGN WIND SPEED (3-SECOND GUST)	Vasd	93 mph
EXPOSURE CATEGORY		B
ENCLOSURE CLASSIFICATION		ENCLOSED
INTERNAL PRESSURE COEFFICIENT	GCpi	+0.18/-0.18

SEISMIC LOADING:

THE CHANGE IN DEMAND TO CAPACITY RATIO OF THE EXISTING SEISMIC FORCE RESISTING SYSTEM RESULTING FROM THE SCOPE OF THE NEW WORK DOES NOT EXCEED THE LIMITS ALLOWED UNDER THE 2018 IEBC (2020 EXISTING BUILDING OF NYS)

INTERIOR LINTEL SCHEDULE

(NON-LOADBEARING MASONRY PARTITIONS ONLY)

MAXIMUM MASONRY OPENING	MASONRY WALL THICKNESS				
	4 INCH WALLS	6 INCH WALLS	8 INCH WALLS	10 INCH WALLS	12 INCH WALLS
4' - 0"	(1) L4 x 3 1/2 x 1/4	(2) L3 x 2 1/2 x 1/4	(2) L4 x 3 1/2 x 1/4	L5 x 5 x 5/16 + L4 x 3 1/2 x 1/4	(3) L4 x 3 1/2 x 1/4
6' - 0"	(1) L5 x 3 1/2 x 1/4	(2) L3 1/2 x 2 1/2 x 1/4	(2) L5 x 3 1/2 x 1/4	L5 x 5 x 5/16 + L5 x 3 1/2 x 1/4	(3) L4 x 3 1/2 x 1/4
8' - 0"	(1) L6 x 3 1/2 x 5/16	(2) L3 1/2 x 2 1/2 x 1/4	(2) L6 x 3 1/2 x 5/16	L5 x 5 x 5/16 + L5 x 3 1/2 x 5/16	(3) L4 x 3 1/2 x 1/4

NOTES:

1. INTERIOR LINTELS ARE NOT SHOWN ON STRUCTURAL PLANS.
2. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
3. ALL HORIZONTAL LINTEL ELEMENTS SUPPORTING EXTERIOR WYTHES OF MASONRY SHALL BE HOT DIPPED GALVANIZED.
4. FOR OPENINGS OVER 8' - 0" CONSULT STRUCTURAL ENGINEER.
5. ALL ANGLES SCHEDULED ABOVE SHALL BE ORIENTATED WITH LONG LEGS VERTICAL, UNO.
6. TACK WELD BACK-TO-BACK VERTICAL LEGS OF MULTIPLE ANGLE LINTELS.
7. LOOSE LINTELS UP TO 4' - 0" TO HAVE A 4" MINIMUM BEARING, UP TO 8' - 0" TO HAVE 6" MINIMUM BEARING.
8. STEEL LINTELS SHALL NOT BE USED IN MASONRY FIREWALLS. ONLY CMU LINTELS ARE ACCEPTABLE. AT MASONRY OPENING NOT SHOWN ON STRUCTURAL DRAWINGS, CONSULT ARCHITECT.

SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

THE FOLLOWING TABLES COMPRISES THE STRUCTURAL SPECIAL INSPECTION REQUIREMENTS FOR THIS PROJECT IN ACCORDANCE WITH CHAPTER 17 OF THE 2018 INTERNATIONAL BUILDING CODE. REFER TO THE PROJECT SPECIFICATIONS FOR REQUIRED QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTION ACTIVITIES AND ADDITIONAL TESTING INFORMATION.

CAST-IN-PLACE CONCRETE - REQUIREMENTS FOR SPECIAL INSPECTION & TESTING

AREAS OF INSPECTION & TESTING	FREQUENCY OF INSPECTION OR TESTING	REFERENCE STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	PERIODIC	ACI 318 CH. 20, 25.2, 25.3, 26.6.1 - 26.6.3	1908.4
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C. INSPECT ALL OTHER WELDS.	PERIODIC PERIODIC CONTINUOUS	AWS D1.4 ACI 318: 26.6.4	-
3. INSPECT ANCHORS CAST IN CONCRETE	PERIODIC	ACI 318:17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS.	CONTINUOUS PERIODIC	ACI 318: 17.8.2.4 ACI 318:17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	ACI 318: 26.5.3 - 26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	CONTINUOUS CONTINUOUS	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	PERIODIC	ACI 318: CH. 26.8	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	PERIODIC	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 26.11.2 (b)	-

STEEL CONSTRUCTION - REQUIREMENTS FOR SPECIAL INSPECTION & TESTING

AREAS OF INSPECTION & TESTING	FREQUENCY OF INSPECTION OR TESTING	REFERENCE STANDARD	IBC REFERENCE
1. FABRICATOR'S SHOP TESTING AND QUALITY CONTROL PROGRAM: A. VERIFY FABRICATOR'S CERTIFICATION AND QUALITY CONTROL PROGRAM. B. SPECIAL INSPECTIONS REQUIRED IN FABRICATOR'S SHOP FOR ELEMENTS IDENTIFIED BELOW.	PERIODIC NOT REQUIRED IF FABRICATOR IS AISC CERTIFIED	AISC PLANT CERTIFICATION PROGRAM	1705.2
2. INSPECTION TASKS FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS PRIOR TO BOLTING: A. VERIFY MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS. B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS. C. PROPER FASTENERS SELECTED FOR JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE) D. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL. E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS. F. PRE-INSTALLATION VERIFICATION AND TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED. G. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENERS.	CONTINUOUS PERIODIC PERIODIC PERIODIC PERIODIC PERIODIC PERIODIC	AISC 360, TABLE N5.6-1	
3. INSPECTION TASKS FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS DURING BOLTING: A. FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED. B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION. C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING. D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE POST RIGID POINT TOWARD THE FREE EDGES.	PERIODIC PERIODIC PERIODIC PERIODIC	AISC 360, TABLE N5.6-2	
4. INSPECTION TASK FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	CONTINUOUS	AISC 360, TABLE N5.6-3	
5. INSPECTION TASKS PRIOR TO WELDING: A. WELDING PROCEDURE SPECIFICATIONS (WPSs) ARE AVAILABLE B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE C. MATERIAL IDENTIFICATION (TYPE/GRADE) D. WELDER IDENTIFICATION SYSTEM F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): JOINT PREPARATION DIMENSIONS (ALIGNMENT, ROOT OPENING & FACE, LEVEL) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) BACKING TYPE AND FIT (IF APPLICABLE) G. CONFIGURATION AND FINISH OF ACCESS HOLE. H. FIT-UP OF FILLET WELDS: DIMENSIONS (ALIGNMENT, GAPS AT ROOT) CLEANLINESS (CONDITION OF STEEL SURFACES) ALIGNMENT (TACK WELD QUALITY AND LOCATION)	CONTINUOUS CONTINUOUS PERIODIC PERIODIC PERIODIC PERIODIC PERIODIC	AISC 360, TABLE N5.4-1	
6. INSPECTION TASKS DURING WELDING: A. USE OF QUALIFIED WELDERS B. CONTROL AND HANDLING OF WELDING CONSUMABLES, INCLUDING PACKING AND EXPOSURE C. ENVIRONMENTAL CONDITIONS INCLUDING WIND SPEED WITHIN LIMITS, PRECIPITATION, AND TEMPERATURE D. WPS FOLLOWED: SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE/FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) PROPER POSITION (F, V, H, OH) E. WELDING TECHNIQUES: INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS	PERIODIC PERIODIC PERIODIC PERIODIC PERIODIC	AISC 360, TABLE N5.4-2	
7. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATIONS OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD/BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY D. ARC STRIKES E. k-AREA F. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED) G. REPAIR ACTIVITIES H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	PERIODIC CONTINUOUS CONTINUOUS CONTINUOUS CONTINUOUS CONTINUOUS CONTINUOUS CONTINUOUS	AISC 360, TABLE N5.4-3	
8. VERIFY PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENT SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE *CONSTRUCTION DOCUMENTS*. VERIFY DIAMETER, GRADE, TYPE, AND LENGTH OF ANCHOR ROD OR EMBEDMENT ITEM AND THE EXTENT OR DEPTH OF THE EMBEDMENT INTO THE CONCRETE PRIOR TO PLACEMENT OF CONCRETE.	PERIODIC	AISC 360, N5.7	
9. INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS: A. DETAILS SUCH AS BRACING AND STIFFENERS. B. MEMBER LOCATIONS. C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	PERIODIC	AISC 360, N5.8	
10. INSPECT STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT: A. PLACEMENT AND INSTALLATION OF STEEL DECK. B. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS. C. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS.	PERIODIC	AISC 360, N6	

STATEMENT OF SPECIAL INSPECTIONS

LOCATION	Washingtonville, NY
OWNER	Washingtonville Central School District
DESIGN PROFESSIONAL IN CHARGE	Conor L. Stucki, PE, SE

This statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the applicable building code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This Statement of Special Inspections encompasses the following disciplines: STRUCTURAL. The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge (RDP). Discovered discrepancies shall be brought to the immediate attention of the contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the RDP. The Special Inspection program does not relieve the contractor of his or her responsibility for quality assurance.

Interim reports shall be submitted to the Building Official and the RDP, monthly.

A Final Report of Special Inspections documenting completion of all required Special Inspections, testing, and correction of any discrepancies noted in the inspections shall be submitted by the special Inspection Coordinator prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the contractor.

In accordance with the applicable building code, the Observations and Inspections listed in the Schedule of Special Inspections are required.

SCHEDULE OF INSPECTION AND TESTING AGENCIES

SPECIAL INSPECTION AGENCIES	*FIRM*	*ADDRESS*	*TELEPHONE No.*
Special Inspection Coordinator	TBD	TBD	(###) ###-####
Inspector	TBD	TBD	(###) ###-####

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent in accordance with the applicable building code, and not by the Contractor or Subcontractor whose work is to be inspected or tested. An approved agency shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall also disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.

STATEMENT OF CONTRACTORS RESPONSIBILITY

In accordance with the applicable building code, each contractor responsible for the construction of a main wind or seismic force-resisting system, designated seismic system or a wind or seismic force-resisting component listed in the statement of special inspections above shall submit a written statement of responsibility to the building official and the owner or the owner's authorized agent prior to the commencement of work on the system or component. The contractor's statement of responsibility shall contain acknowledgement of awareness of the special requirements contained in the statement of special inspections.

QUALIFICATIONS OF INSPECTORS AND TESTING TECHNICIANS

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test of inspection have a specific certification or license as indicated below, such designation shall appear below the Agency Number on the Schedule.

PE/SE	Structural Engineer - a licensed PE specializing in the design of building structures
PE/GE	Geotechnical Engineer - a licensed PE specializing in soil mechanics and foundations
EIT	Engineer - In - Training - a graduate engineer who as passed the Fundamentals of Engineering examination
AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION	
ACI-CFTT	Concrete Field Testing Technician - Grade 1
ACI-CCSI	Concrete Construction Special Inspector
ACI-LTT	Laboratory Testing Technician - Grade 1&2
ACI-STT	Strength Testing Technician
AMERICAN WELDING SOCIETY (AWS) CERTIFICATION	
AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector
INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION	
ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector
NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)	
NICET-CT	Concrete Technician - Levels I, II, III, & IV
NICET-ST	Soil Technicians - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

REINFORCED CONCRETE COVER SCHEDULE

STRUCTURAL ELEMENT			*MIN COVER (IN)*
CAST AGAINST EARTH			3"
EXPOSED TO EARTH OR WEATHER	#5 BARS AND SMALLER, WWF		1-1/2"
	#6 BARS AND LARGER		2"
NOT EXPOSED TO EARTH OR WEATHER	SLABS & WALLS	#11 BARS AND SMALLER, WWF	3/4"
		#14 BARS AND LARGER	1-1/2"
	BEAMS AND COLUMNS		1-1/2"

SLAB-ON-GRADE SCHEDULE

MARK	TYPE	THICKNESS	SLAB REINFORCING	REMARKS
SOG1	INTERIOR SLAB-ON-GRADE	4"	#4 BARS @ 12" OC EW	-
SOG2	INTERIOR SLAB-ON-GRADE	6"	#4 BARS @ 12" OC EW	-

CONCRETE STRENGTH AND MATERIAL SCHEDULE

STRUCTURAL ELEMENT	MIN COMPRESSIVE STRENGTH AT 28 DAYS (PSI)	MAX WATER/CEMENT RATIO	AIR CONTENT (%)
ANCHOR BLOCK & POOL SOG	5,000	.40	N/A
INTERIOR SOG	3,000	0.55	N/A

NOTES:

1. PREPARE DESIGN MIXES FOR EACH TYPE, AND STRENGTH OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 318.
2. CONCRETE SHALL BE READY MIXED PER ASTM C94. JOBSITE MIXING SHALL NOT BE PERMITTED.
3. MAXIMUM NOMINAL AGGREGATE SIZE IS 3/4".
4. SEE REINFORCED CONCRETE NOTES ON S-001 FOR ADDTIONAL REQUIREMENTS.
5. ENSURE ENTRAPPED AIR IN SLAB CONCRETE TO BE TROWEL FINISHED DOES NOT EXCEED 3%.
6. DO NOT HARD-TROWEL SLABS THAT ARE TO BE AIR-ENTRAINED. COORDINATE SLAB FINISH WITH ARCHITECTURAL AND/OR OWNER REQUIREMENTS. CARE SHALL BE TAKEN FOR FINISHING SLABS WITH AIR-ENTRAINMENT.

STRUCTURAL ABBREVIATION LEGEND

AB	ANCHOR BOLT
ABV	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHR	ANCHOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
APPROX	APPROXIMATELY
ARCH	ARCHITECT/ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B/	BOTTOM OF
BD	BOARD
BFE	BASE FLOOD ELEVATION
BLKG	BLOCKING
BM	BEAMS
BN	BOUNDARY NAILING
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BTWN	BETWEEN
C/C	CENTER TO CENTER
CFMF	COLD FORMED METAL FRAMING
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CNJ	CONSTRUCTION JOINT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT(ED)(ION)
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CTR	CENT(ER)(ERED)(TRAL)
DEG	DEGREE(S)
DEMO	DEMO(LISH)(LITION)
DFE	DESIGN FLOOD ELEVATION
DIA	DIAMETER
DIAG	DIAGONAL
DIF	DIFFEREN(CE)(TIAL)
DIM	DIMENSION
DIV	DIVI(DE)(DED)(DER)(SION)
DL	DEAD LOAD
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
DWL	DOWEL(REBAR)
(E)	EXISTNG
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
ELEV	ELEVATION
EMBED	EMBED(ED) (MENT)
ENG	ENGINEER
EOD	EDGE OF DECK
EOR	ENGINEER OF RECORD
EOS	EDGE OF SLAB
EQ	EQUAL
EW	EACH WAY
EXIST	EXISTING
EXP	EXPAN(D)(SION)
EXT	EXTERIOR
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FIN	FINISHED
FNDN	FOUNDATION
FP	FIREPROOF(ING)
FRMG	FRAMING
FRT	FIRE RETARDENT
FS	FAR SIDE
FS	FOOTING STEP
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR/ CONSRTUCTION MANAGER
GWB	GYPSUM WALL BOARD
HD	HEAVY DUTY
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HS	HIGH STRENGTH
HSS	HOLLOW STRUCTURAL SECTION (STRUCT SHAPE)
HT	HEIGHT
IF	INSIDE FACE
INFO	INFORMATION
INSUL	INSULATION
INTMD	INTERMEDIATE
JBE	JOIST BEARING ELEVATION
JT	JOINT

STRUCTURAL ABBREVIATION LEGEND

K	KIP (1000 POUNDS)
KLF	KIPS PER LINEAR FOOT
KSI	KIPS PER SQUARE INCH
LB/LBS	POUNDS
LF	LINEAR FOOT,FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION(S)
LP	LOW POINT
LVL	LEVEL
LW	LIGHTWEIGHT
MANUF	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
(N)	NEW
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER/DIMENSION
OF	OUTSIDE FACE
OPN'G	OPENING(S)
OPP	OPPOSITE
P	PIER (SEE SCHEDULE)
PAF	POWDER ACTUATED FASTENER
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PEMB	PRE-ENGINEERED METAL BUILDING
PERF	PERFORATE(D)
PERIM	PERIMETER
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PREFAB	PREFABRICATED
PREFIN	PREFINISH(ED)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST TENSION(FD)(ING)
QTY	QUANTITY
R	RADIUS,RADII
RC	REINFORCED CONCRETE
RD	ROOF DRAIN
REINF	REINFORCING, REINFORCEMENT
REQ('D)	REQUIRE(D)
REV	REVIS(E)(ED)(ION)
RTU	ROOF TOP UNITS
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SL	SNOW LOAD
SOG	SLAB ON GRADE
SPA	SPACE OR SPACING
SQ	SQUARE
SQ(FT)	SQUARE FOOT/FEET
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTUR(E)(AL)
T&B	TOP&BOTTOM
T/	TOP OF
TBE	TOP OF BEAM ELEVATION
TDE	TOP OF DECK ELEVATION
TEMP	TEMPORARY
TFE	TOP OF FOOTING ELEVATION
THRD	THREAD(ED)
TJE	TOP OF JOIST ELEVATION
TLE	TOP OF LEDGE ELEVATION
TME	TOP OF MASONRY ELEVATION
TO	TOP OF
TOS	TOP OF STEEL
TPG	TOPPING
TRTD	TREATED
TS	THICKENED SLAB
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WF	WIDE FLANGE
WGHT	WEIGHT
WP	WORK POINT
WT	STRUCTURAL TEE(STRUCT SHAPE)
WWR	WELDED WIRE REINFORCEMENT

CONCRETE REINF SPLICE & DEVELOPMENT LENGTHS SCHEDULE

	BAR SIZE	LAP SPLICE LENGTHS (IN.)					DEVELOPMENT LENGTHS (IN.)		
		TENSION LAP LENGTH				COMP.	TENSION	COMP.	HOOKED
		TOP BARS		OTHER					
	CLASS	A	B	A	B				
fc' = 3,000 psi	#3	22	28	17	22	12	SAME AS CLASS A TENSION LAP SPLICE	9	9
	#4	29	37	22	29	15		11	11
	#5	36	47	28	36	19		14	14
	#6	43	56	33	43	23		17	17
	#7	63	81	48	63	27		20	20
	#8	72	93	55	72	30		22	22
	#9	81	105	62	81	34		25	25
	#10	91	118	70	91	39		28	28
	#11	101	131	78	101	43		31	31

	BAR SIZE	LAP SPLICE LENGTHS (IN.)					DEVELOPMENT LENGTHS (IN.)		
		TENSION LAP LENGTH				COMP.	TENSION	COMP.	HOOKED
		TOP BARS		OTHER					
	CLASS	A	B	A	B				
fc' = 5,000 psi	#3	17	22	13	17	12	SAME AS CLASS A TENSION LAP SPLICE	8	7
	#4	23	29	17	23	15		9	9
	#5	28	36	22	28	19		12	12
	#6	34	43	26	34	23		14	13
	#7	49	63	38	49	27		16	15
	#8	56	72	43	56	30		18	17
	#9	63	81	48	63	34		21	20
	#10	70	92	54	70	39		23	22
	#11	78	102	60	78	43		26	24

NOTES:

1. TOP BARS ARE HORIZONTAL BARS, PLACED SO THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS PLACED BELOW THE BAR.
2. ALL LAP SPLICES SHALL BE CLASS "B" UNLESS OTHERWISE NOTED.
3. LENGTHS IN THE TABLE ARE FOR UNCOATED OR ZINC-COATED (GALVANIZED) BARS.
4. CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2Db AND CLEAR COVER NOT LESS THAN Db.
5. VALUES IN TABLE ARE FOR NORMAL WEIGHT CONCRETE.
6. SPACING REQUIREMENTS AND END ANCHORAGE SHALL BE SPACED PER THE REQUIREMENTS OF ACI-318.

CSARCH

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Consultant
PASSERO

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

Expiration Date: 3/31/2026
Certificate of Authorization: 021475

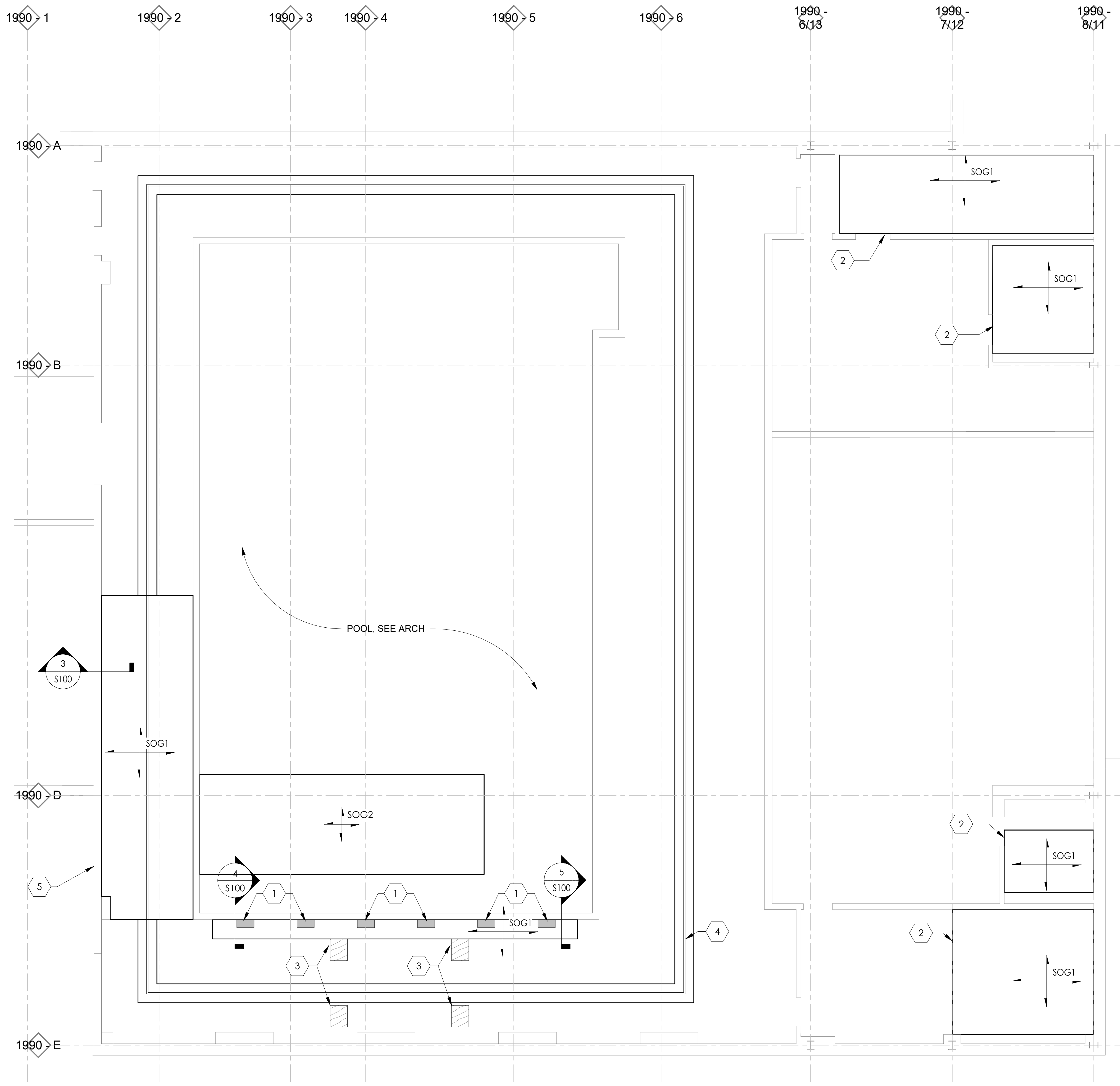
#	DATE	DESCRIPTION

Drawn By:	MGM
Checked By:	CLS
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GENERAL NOTES, DESIGN CRITERIA, AND SCHEDULES

Sheet No.
WHS
S001

CONSTRUCTION DOCUMENTS



1 NATATORIUM SLAB-ON-GRADE PLAN

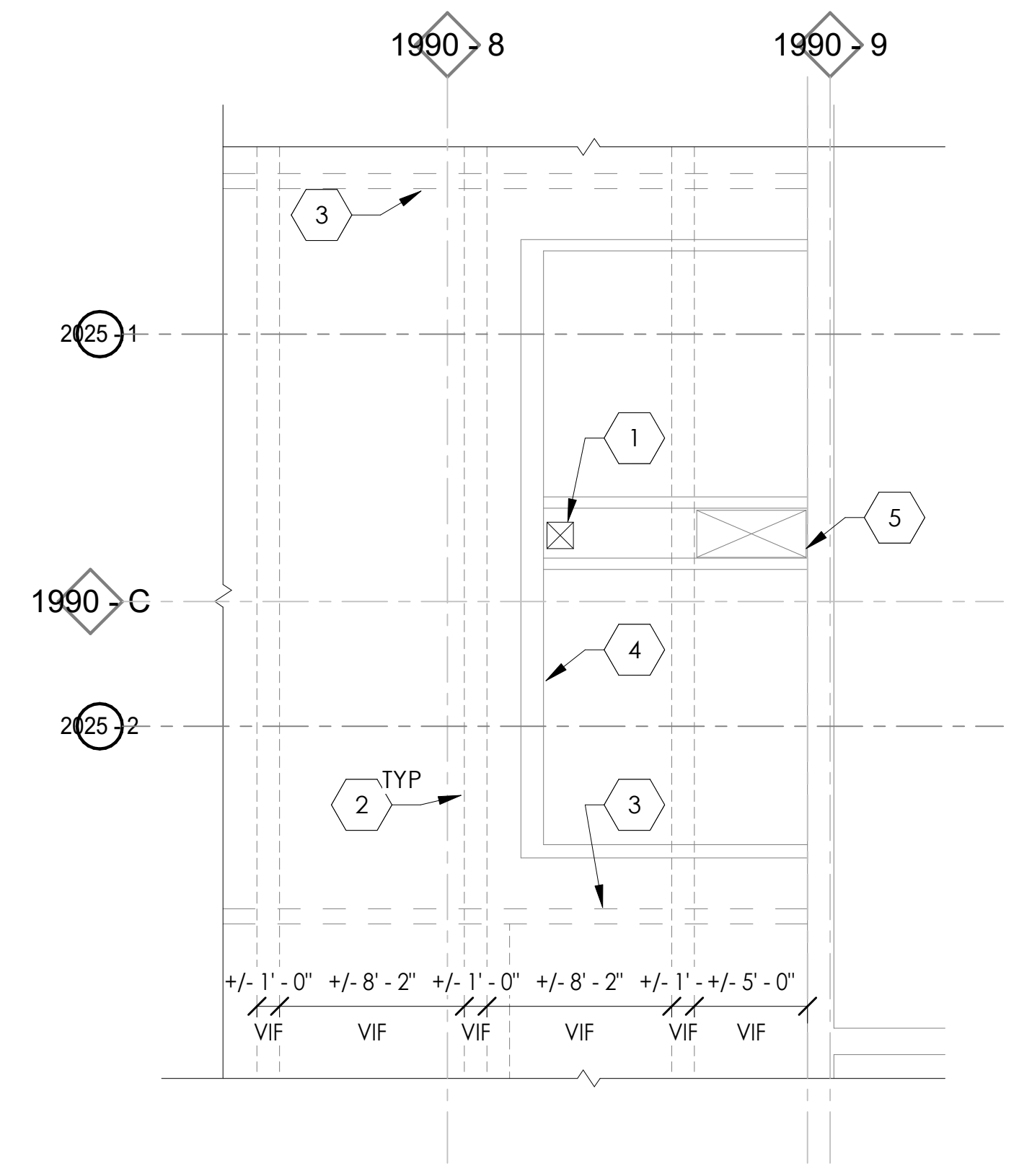
0' 2' 4' 8' 16'
1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. SEE SHEET S001 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
2. SEE THIS SHEET FOR TYPICAL DETAILS
3. FINISH FLOOR REFERENCE ELEVATION TO MATCH EXISTING.
4. ALL DIMENSIONS BETWEEN AND RELATING TO EXISTING COLUMN GRIDS TO BE VERIFIED IN FIELD.

FOUNDATION PLAN KEYNOTES

#	
1	STARTING BLOCK, SEE ARCH. SEE SECTION 4/S100 FOR STARTING BLOCK FOUNDATION
2	SOG REPLACEMENT, SEE ARCH FOR EXTENTS, SEE TYPICAL SOG DETAILS
3	DIVING BOARD, REMOVE AS REQUIRED. EXISTING DIVING BOARD FOUNDATION TO REMAIN
4	SLAB REPLACEMENT FOR DRAIN, SEE MEP AND ARCH, SEE TYPICAL SOG REPLACEMENT DETAILS
5	SHORE EXISTING EXTERIOR WALL AS REQUIRED DURING EXCAVATION FOR PLUMBING WORK

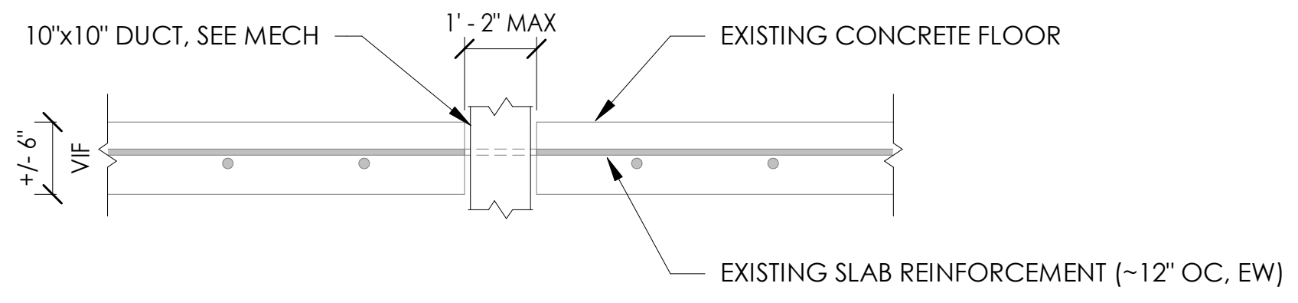


2 THIRD FLOOR FRAMING POOL NATATORIUM

0' 2' 4' 8' 16'
1/8" = 1'-0"

FRAMING PLAN KEYNOTES

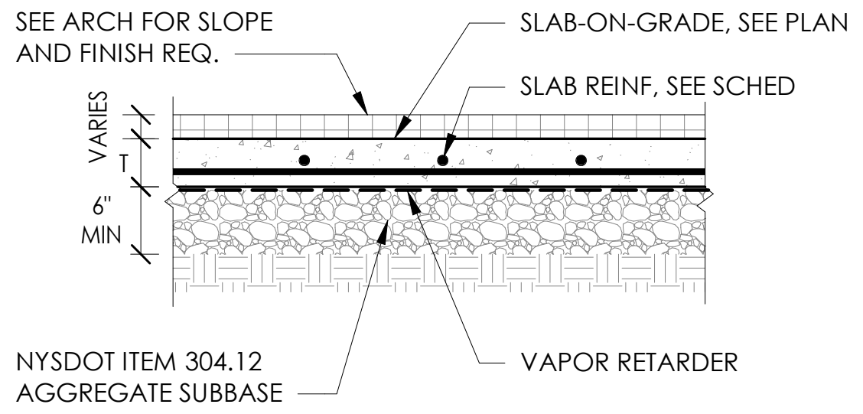
#	
1	10"x10" OPENING IN ELEVATED STRUCUTRAL SLAB, CONTRATOR TO AVOID AND PROTECT EXISTING CONC BEAMS, SEE ARCH AND MECH FOR EXTENTS. SEE DETAIL 6/S100
2	EXISTING CONC FLOOR BEAM, VIF
3	EXISTING MASONRY WALL BELOW, VIF
4	EXISTING PARTITION WALL, VIF
5	EXISTING OPENING



NOTES:
1. REFERENCE MECH DRAWINGS FOR SIZE AND LOCATIONS.
2. PROVIDE GPR PRIOR TO CUTTING EXISTING CONCRETE TO AVOID CUTTING EXISTING REINFORCEMENT.
3. PROVIDE 1' - 0" MINIMUM SPACING BETWEEN DUCT PENETRATIONS

6 OPENING IN EXISTING STRUCTURAL SLAB

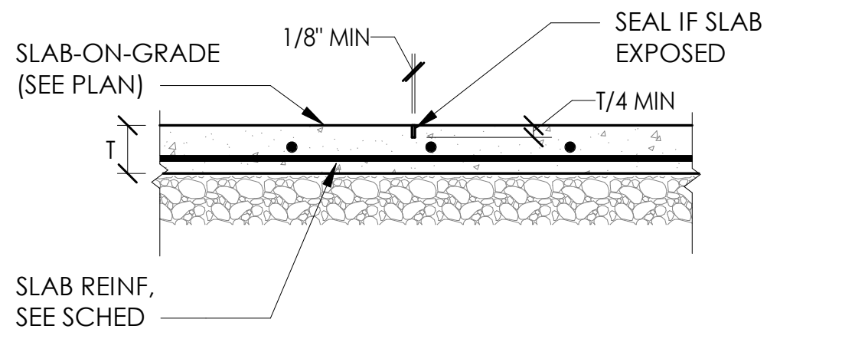
N.T.S.



NOTES:
1. SEE SLAB-ON-GRADE SCHEDULE FOR SLAB THICKNESS, T.
2. PROVIDE CHAIRS TO SUPPORT SLAB REINFORCING AT SPECIFIED ELEVATION.

7 POOL DECK SLAB-ON-GRADE

N.T.S.

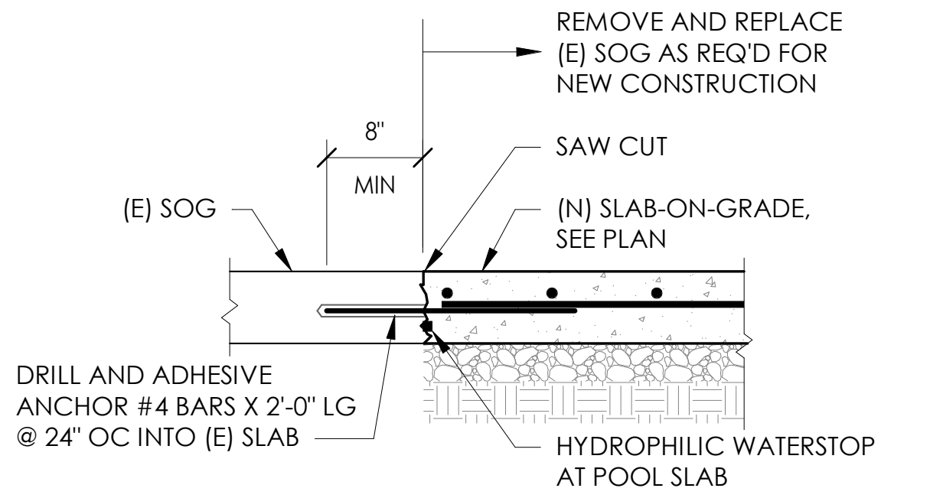


CONTROL JOINT (CJ)

NOTES:
1. SEE TYPICAL SLAB-ONGRADE DETAIL FOR INFORMATION NOT SHOWN.
2. IF FORMED JOINT IS USED, INSERT 1/8" PREMOLDED OR METAL STRIPS WHEN CONCRETE IS PLACED.
3. IF SAWED JOINT USE, SEAL IF SLAB IS EXPOSED.
4. SPACE CONTROL JOINTS AS FOLLOWS:
   A. T = 4": 10'-0" OC

8 SLAB-ON-GRADE CONTROL JOINT

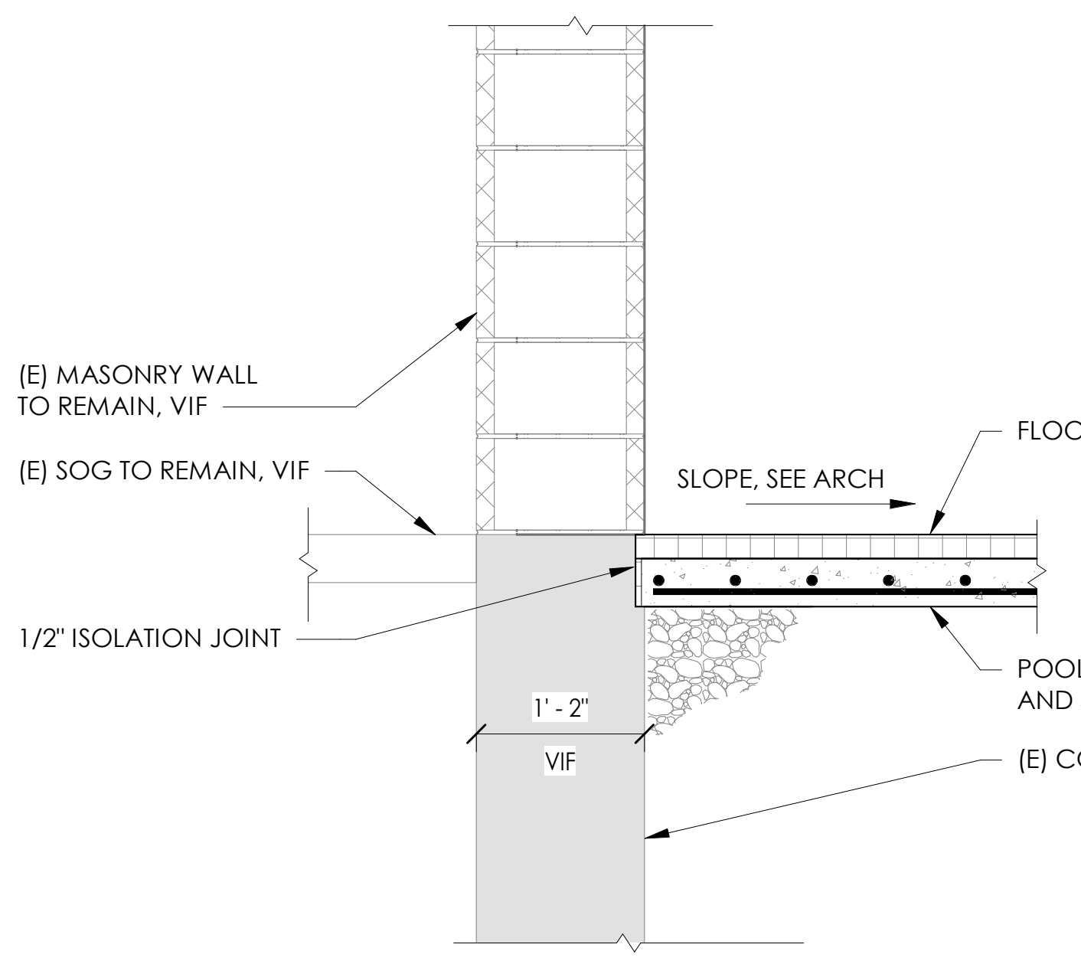
N.T.S.


REMOVE AND REPLACE (E) SOG AS REQ'D FOR NEW CONSTRUCTION
8" MIN
SAW CUT
(E) SOG
(N) SLAB-ON-GRADE, SEE PLAN
DRILL AND ADHESIVE ANCHOR #4 BARS X 2'-0" LG @ 24" OC INTO (E) SLAB
HYDROPHILIC WATERSTOP AT POOL SLAB

NOTE:
1. SEE TYPICAL SLAB-ON-GRADE DETAIL, ON THIS SHEET, FOR SLAB DETAILS NOT SHOW.

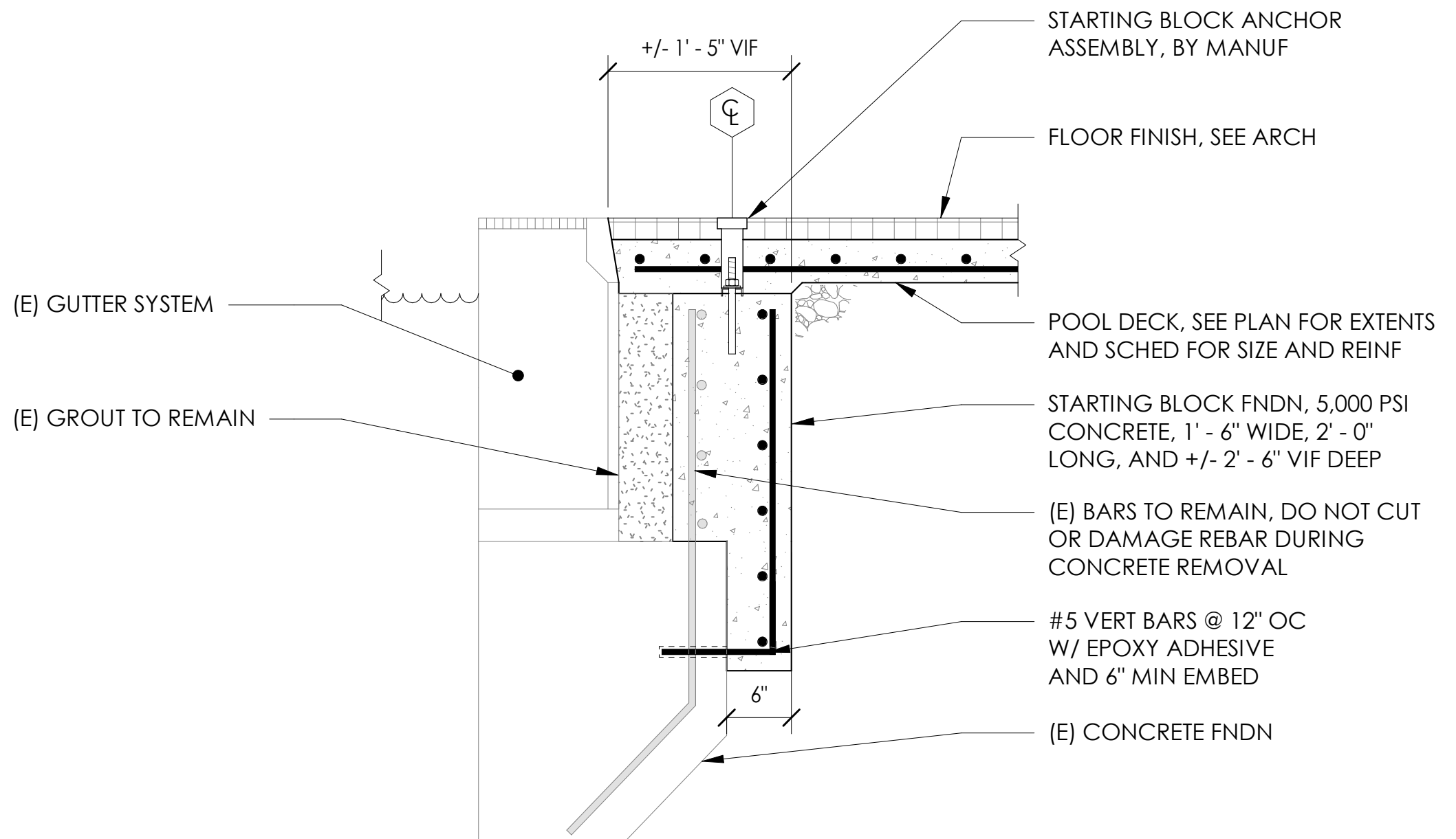
9 SLAB-ON-GRADE REPLACEMENT

N.T.S.



3 SECTION

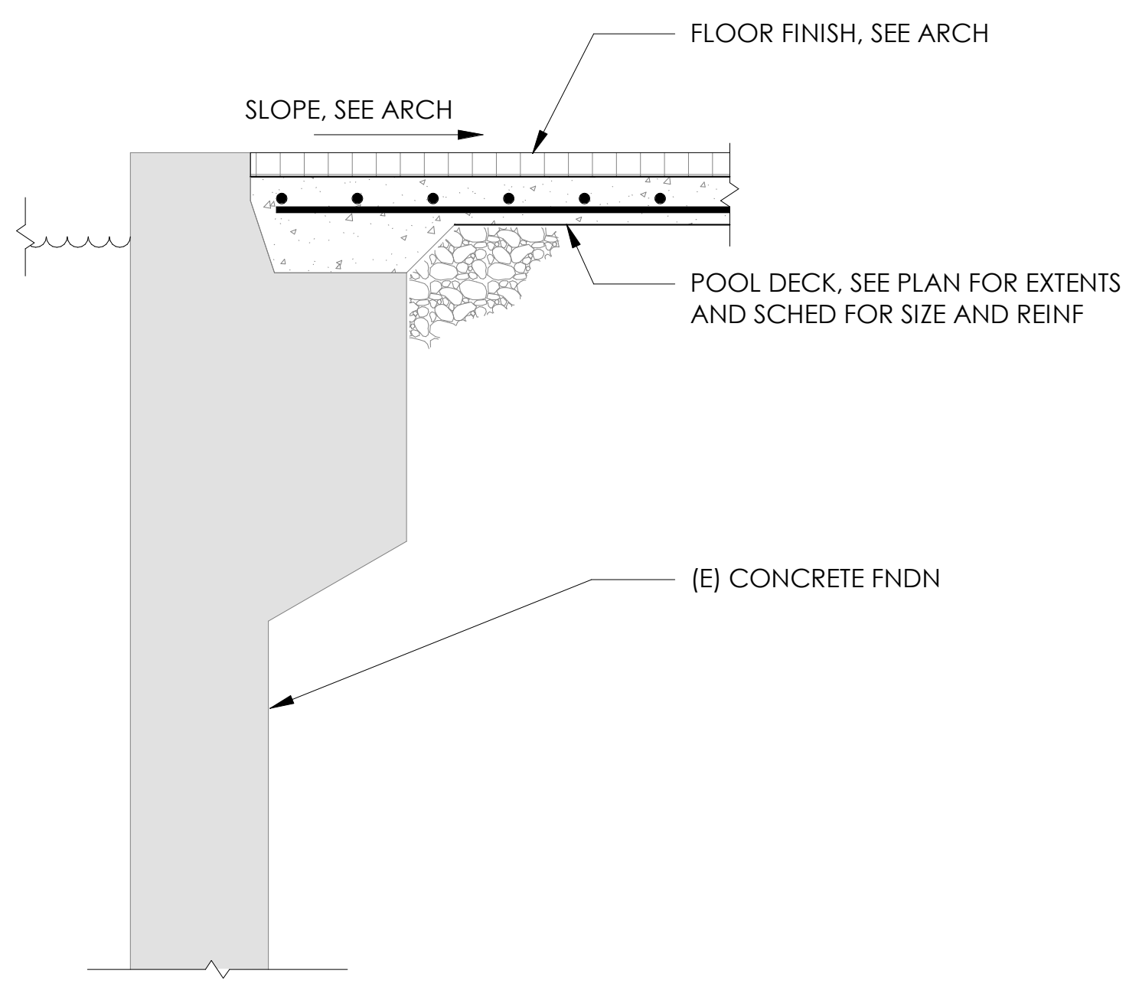
0" 6" 1' 2' 4'
3/4" = 1'-0"


+/- 1' - 5" VIF
℄
STARTING BLOCK ANCHOR ASSEMBLY, BY MANUF
FLOOR FINISH, SEE ARCH
(E) GUTTER SYSTEM
(E) GROUT TO REMAIN
POOL DECK, SEE PLAN FOR EXTENTS AND SCHED FOR SIZE AND REINF
STARTING BLOCK FNDN, 5,000 PSI CONCRETE, 1' - 6" WIDE, 2' - 0" LONG, AND +/- 2' - 6" VIF DEEP
(E) BARS TO REMAIN, DO NOT CUT OR DAMAGE REBAR DURING CONCRETE REMOVAL
#5 VERT BARS @ 12" OC W/ EPOXY ADHESIVE AND 6" MIN EMBED
6"
(E) CONCRETE FNDN

NOTE: SEE ARCH DRAWINGS FOR LOCATION OF NEW STARTING BLOCKS.

4 POOL STARTER BLOCK

0" 6" 1' 2' 4'
3/4" = 1'-0"


FLOOR FINISH, SEE ARCH
SLOPE, SEE ARCH
POOL DECK, SEE PLAN FOR EXTENTS AND SCHED FOR SIZE AND REINF
(E) CONCRETE FNDN

5 SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/WCSD Washingtonville HS - Ph3_Struct_RVT24.rvt

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Consultant
PASSERO

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

LAWRENCE
Expiration Date: 3/31/2026
Certificate of Authorization: 021475

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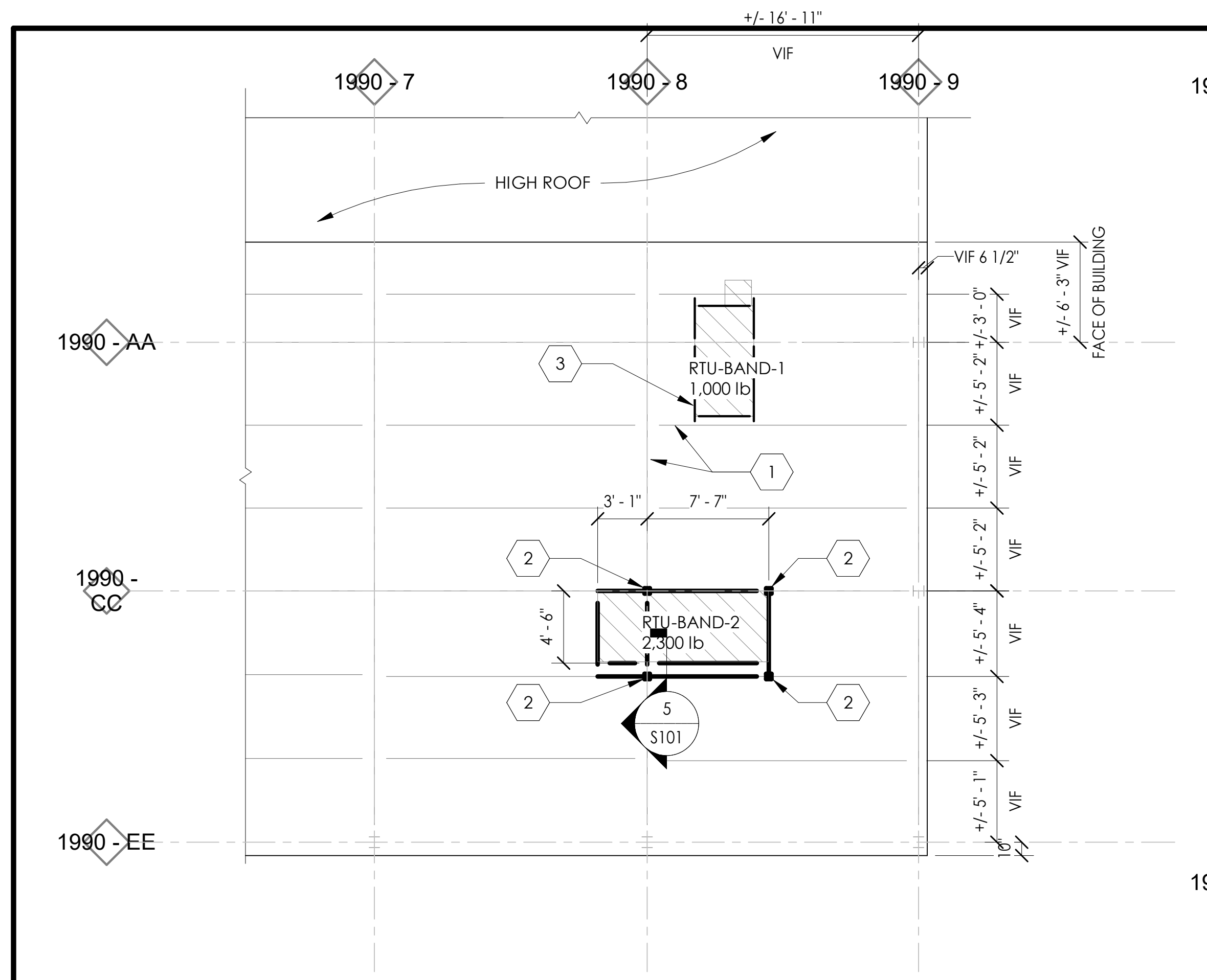
Sheet Title
SLAB AND
ELEVATED
SLAB PLAN

Sheet No.
WHS
S100

CONSTRUCTION DOCUMENTS



1 ROOF FRAMING PLAN - 1990 HIGH ROOF AT BAND ROOM

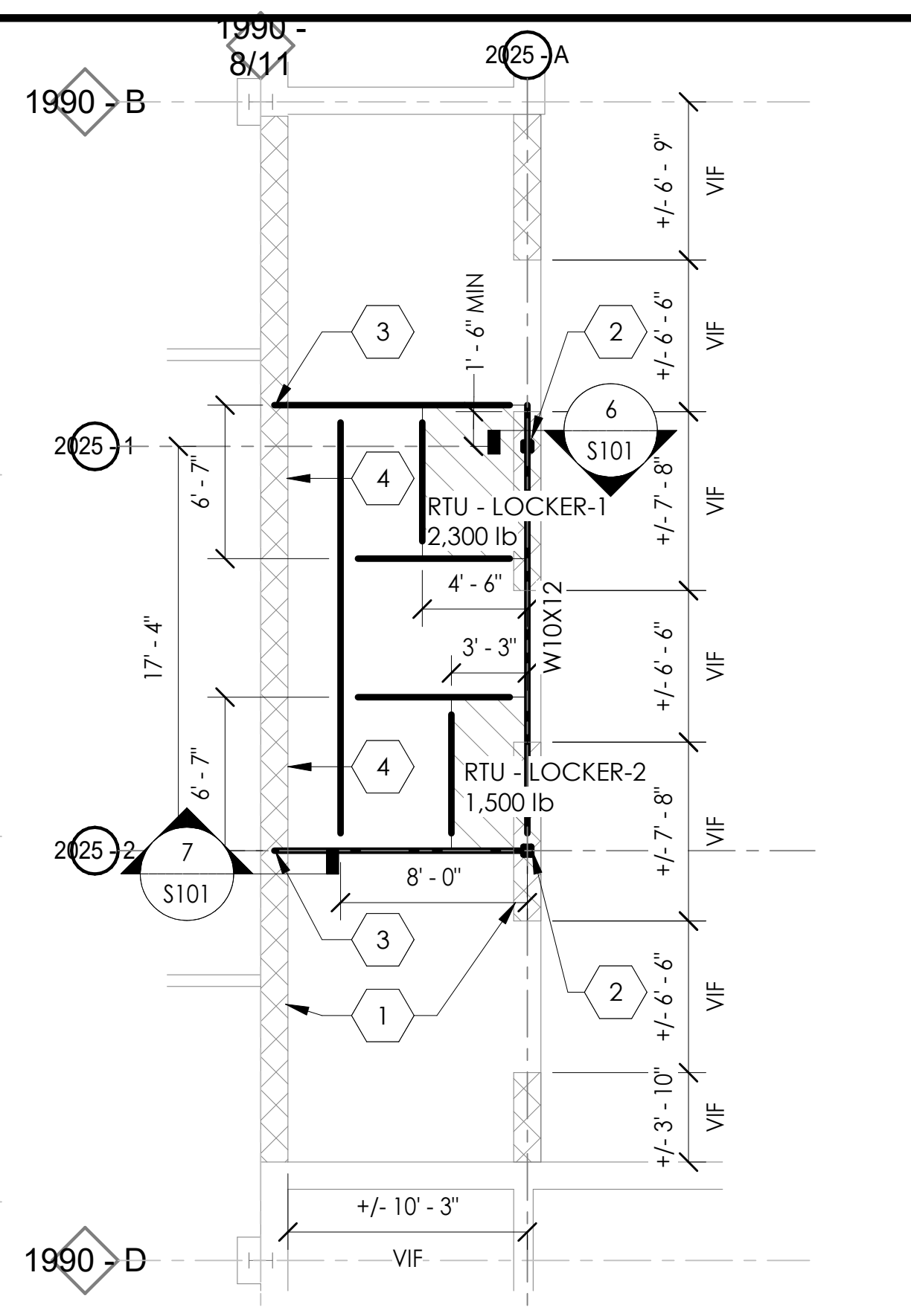
0' 2' 4' 8' 16'
1/8" = 1'-0"

1990 HIGH ROOF AT BAND ROOM - ROOF FRAMING PLAN NOTES

1. SEE SHEET S001 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
2. SEE THIS SHEET FOR TYPICAL DETAILS.
3. TOP OF STEEL DUNNAGE FRAME ELEVATION = + 2' - 8" ABOVE EXISTING ROOF ELEVATION = 0' - 0", UNLESS OTHERWISE NOTED ON PLAN AS (+\- X' - X") RELATIVE TO TOP OF STEEL REFERENCE ELEVATION.
4. SEE ARCH AND MEP DRAWINGS FOR REQUIRED THRU-DECK OPENINGS.
5. ALL DIMENSIONS BETWEEN AND RELATING TO EXISTING COLUMN GRIDS TO BE VERIFIED IN FIELD.
6. ALL STEEL ABOVE ROOF TO BE HOT DIPPED GALVANIZED, TYP.
7. ALL STEEL BEAMS ARE W8x10, UNO.

1990 HIGH ROOF AT BAND ROOM - ROOF FRAMING PLAN...

1 EXISTING WIDE FLANGE BEAM
2 HSS4X4X1/4 GALV POST DOWN TO AND CENTERED ON (E) STEEL BEAM, SEE DETAIL
3 L6x4x3/8" (LLV) SUBFRAMING BELOW RTU CURB, COORDINATE LOCATIONS AND EXTENTS WITH MECH AND ARCH, SEE DETAIL



2 ROOF FRMAING PLAN NORTH - 1990 LOW ROOF AT NATATORIUM

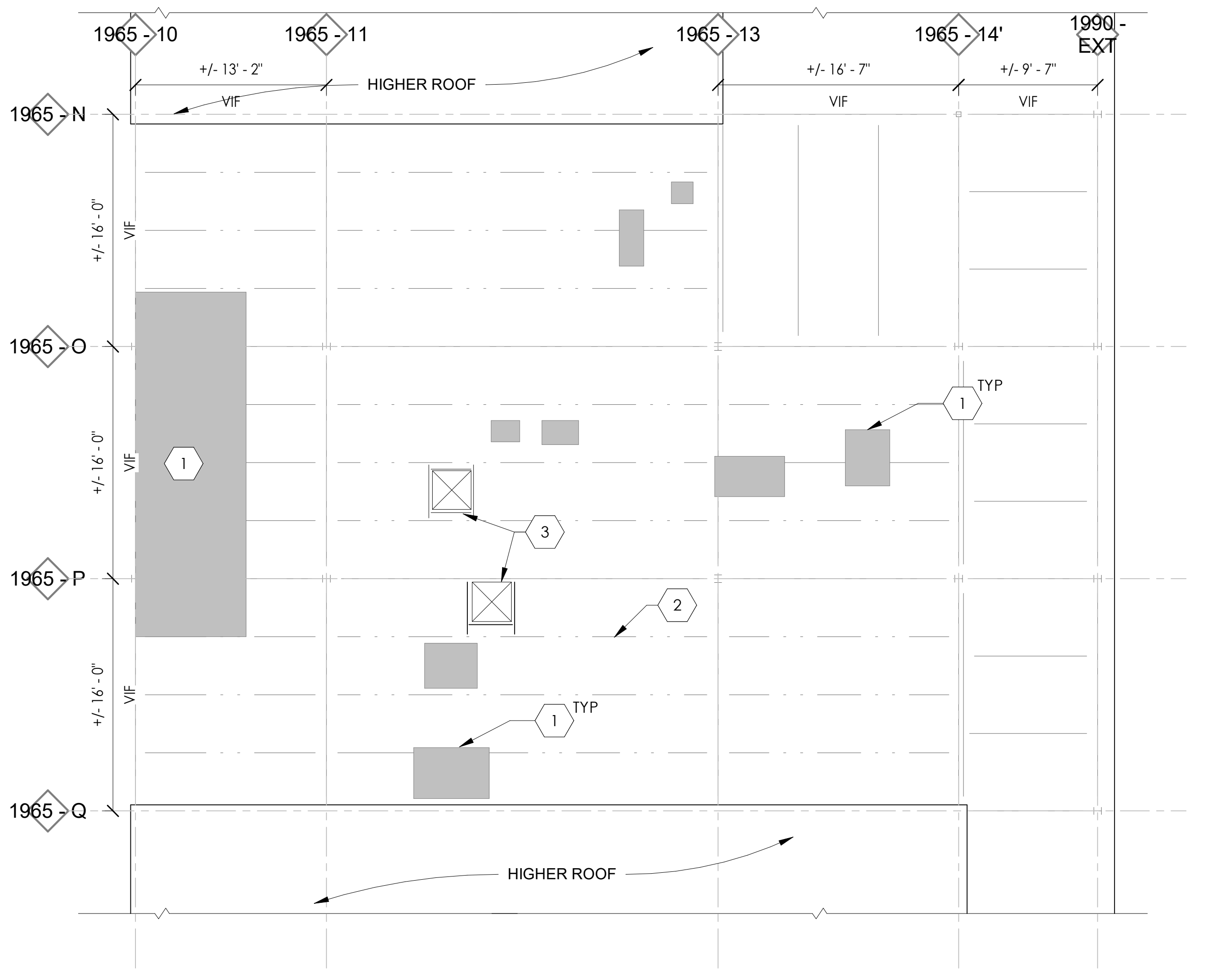
0' 2' 4' 8' 16'
1/8" = 1'-0"

1990 LOW ROOF NORTH AT NARATORIUM - ROOF FRAMING PLAN NOTES

1. SEE SHEET S001 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
2. SEE THIS SHEET FOR TYPICAL DETAILS.
3. TOP OF STEEL DUNNAGE FRAME ELEVATION = + 3' - 0" ABOVE EXISTING ROOF ELEVATION = 0' - 0", UNLESS OTHERWISE NOTED ON PLAN AS (+\- X' - X") RELATIVE TO TOP OF STEEL REFERENCE ELEVATION.
4. ALL DIMENSIONS BETWEEN AND RELATING TO EXISTING COLUMN GRIDS TO BE VERIFIED IN FIELD.
5. ALL STEEL ABOVE ROOF TO BE HOT DIPPED GALVANIZED, TYP.
6. ALL STEEL BEAMS ARE W10X12, UNO.

1990 LOW ROOF NORTH AT NATATORIUM - ROOF FRAMING...

1 EXISTING MASONRY WALL TO REMAIN, VIF
2 HSS4X4X1/4 GALV POST DOWN TO AND CENTERED ON (E) MASONRY WALL SEE DETAIL. MAINTAIN MIN 8" CLEAR FROM END OF WALL, TYP
3 EMBEDED ANCHORAGE FOR BEAM IN EXISTING MASONRY WALL, SEE DETAIL 7/S101
4 LINTEL ABOVE, SEE ARCH AND MEP FOR EXACT EVELATION AND LOCATION. SEE DETAIL 8/S101

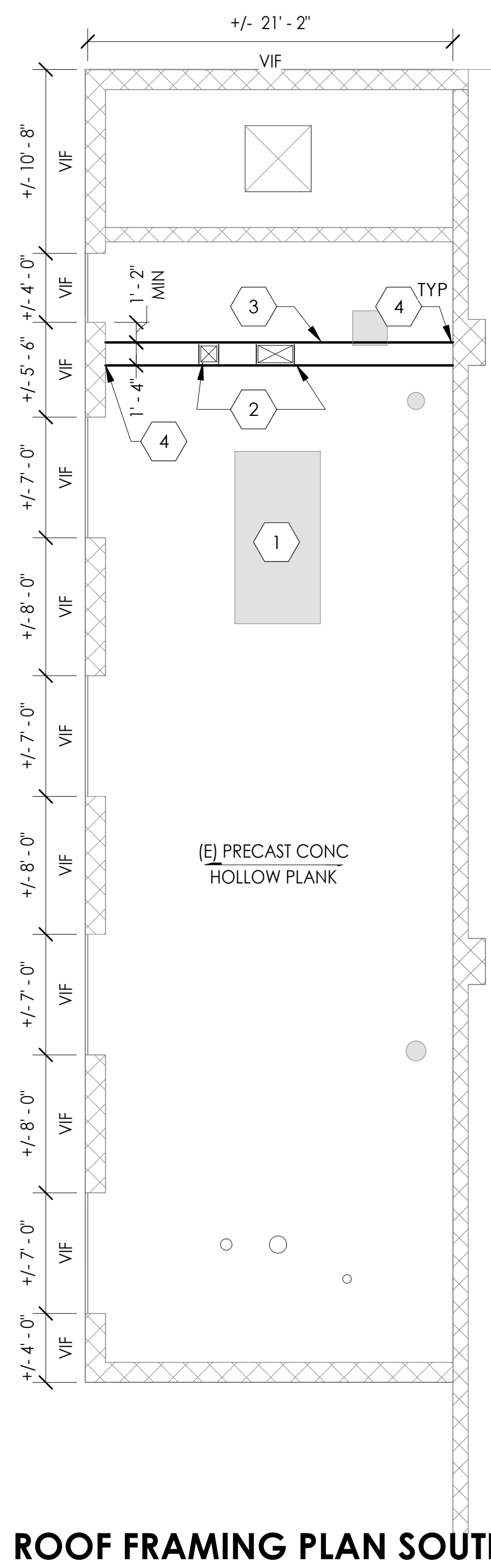


3 ROOF FRAMING PLAN - 1965 KITCHEN

0' 2' 4' 8' 16'
1/8" = 1'-0"

1665 KITCHEN ROOF - ROOF FRAMING PLAN KEYNOTES

1 EXISTING RTU, SEE MECH AND ARCH
2 EXISTING STEEL ROOF JOIST, VIF
3 200 LB MAX RTU, SEE ARCH AND MEP FOR EXTENTS AND LOCATION, SEE TYP DETAILS 12 & 13/S101

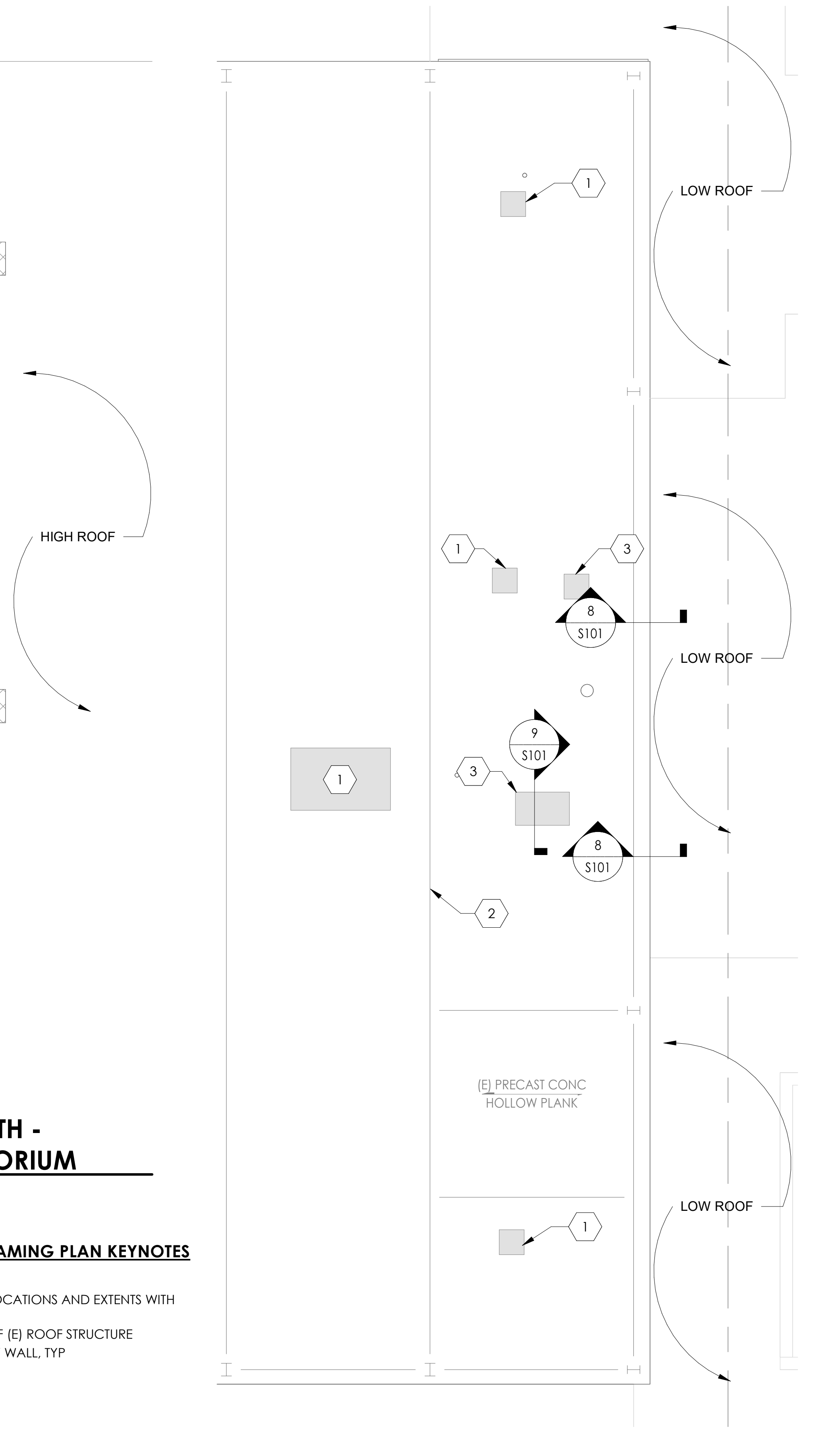


15 ROOF FRAMING PLAN SOUTH - 1990 LOW ROOF AT NATATORIUM

0' 2' 4' 8' 16'
1/8" = 1'-0"

1990 LOW ROOF SOUTH AT NATATORIUM - ROOF FRAMING PLAN KEYNOTES

1 EXISTING RTU, SEE MECH AND ARCH
2 ROOF OPENING, L6x4x3/8" (LLV) PLANK ROOF SUPPORT, COORDINATE LOCATIONS AND EXTENTS WITH MECH AND ARCH, SEE DETAIL 13/S101
3 (2) W12x14 PLANK ROOF SUPPORT PLACED TIGHT AGAINST UNDERSIDE OF (E) ROOF STRUCTURE
4 SEE DETAIL 7/S101 FOR BEAM FACE PLATE ANCHORAGE TO (E) MASONRY WALL, TYP

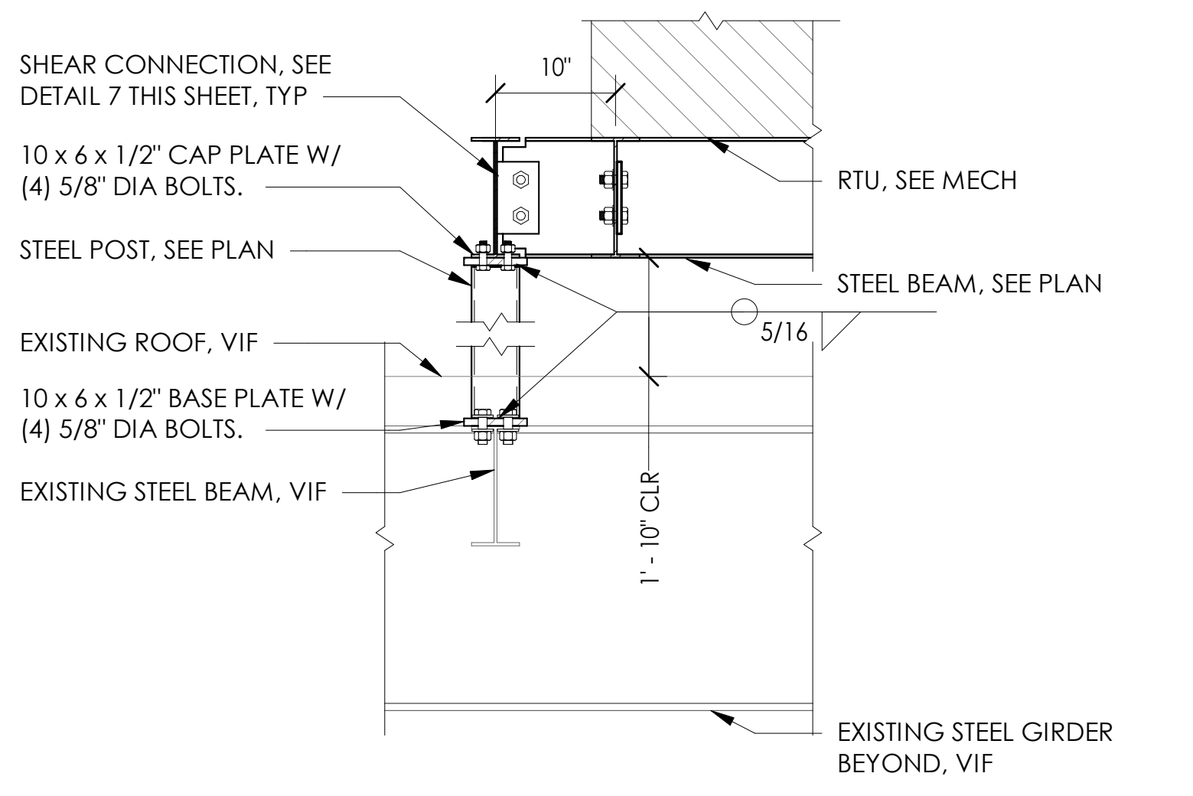


4 ROOF FRAMING PLAN - 1990 HIGH ROOF AT NATATORIUM

0' 2' 4' 8' 16'
1/8" = 1'-0"

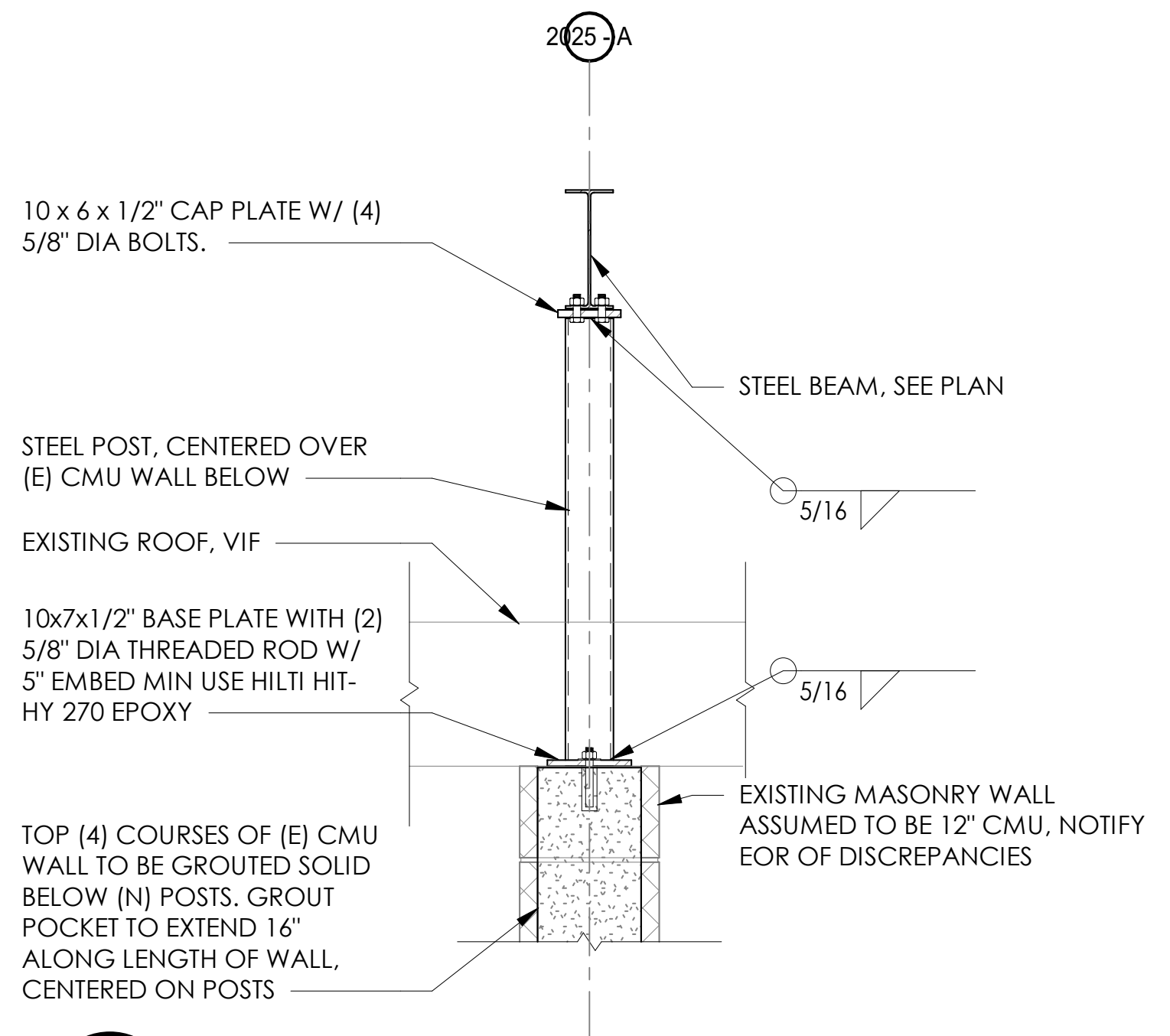
1990 HIGH ROOF AT NATATORIUM - ROOF FRAMING PLAN KEYNOTES

1 EXISTING RTU, SEE MECH AND ARCH
2 EXISTING STEEL BEAM
3 PLANK ROOF INFILL, SEE DETAIL 9/S101


SHEAR CONNECTION, SEE DETAIL 7 THIS SHEET, TYP
10"
10 x 6 x 1/2" CAP PLATE W/ (4) 5/8" DIA BOLTS.
RTU, SEE MECH
STEEL POST, SEE PLAN
STEEL BEAM, SEE PLAN
5/16
EXISTING ROOF, VIF
10 x 6 x 1/2" BASE PLATE W/ (4) 5/8" DIA BOLTS.
EXISTING STEEL BEAM, VIF
1' - 10" CLR
EXISTING STEEL GIRDER BEYOND, VIF

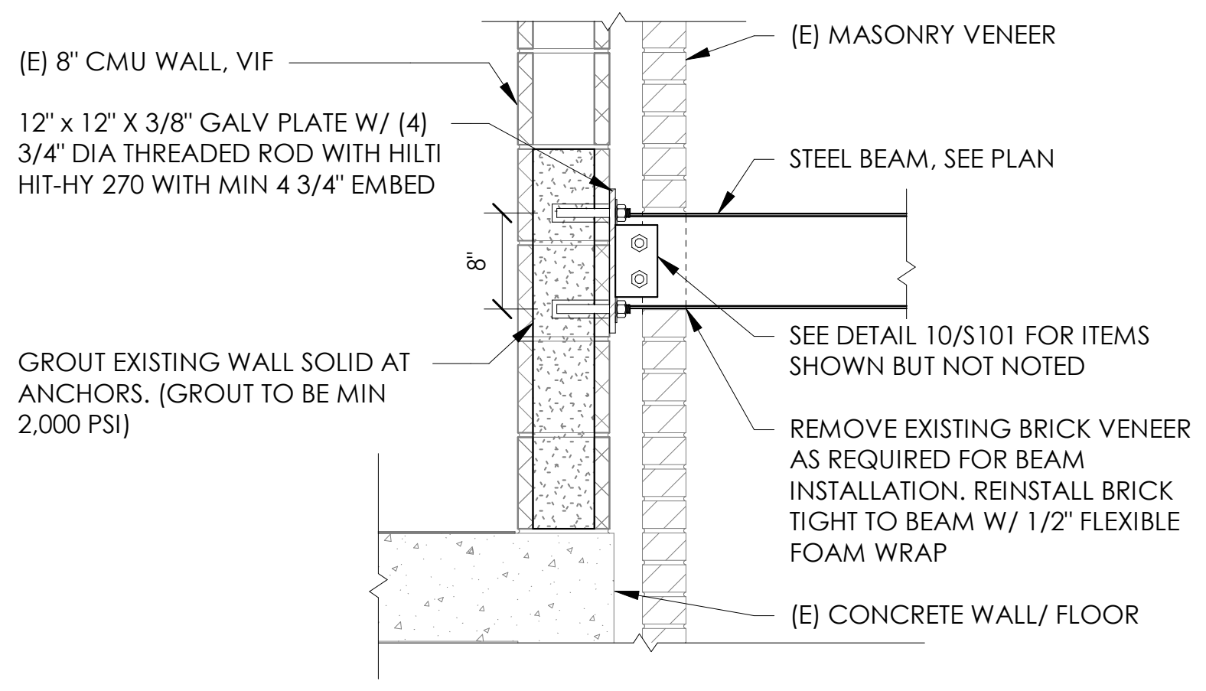
5 FRAMING SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"


2025 - A
10 x 6 x 1/2" CAP PLATE W/ (4) 5/8" DIA BOLTS.
STEEL BEAM, SEE PLAN
STEEL POST, CENTERED OVER (E) CMU WALL BELOW
5/16
EXISTING ROOF, VIF
10x7x1/2" BASE PLATE WITH (2) 5/8" DIA THREADED ROD W/ 5" EMBED MIN USE HILTI HIT-HY 270 EPOXY
5/16
EXISTING MASONRY WALL ASSUMED TO BE 12" CMU, NOTIFY EOR OF DISCREPANCIES
TOP (4) COURSES OF (E) CMU WALL TO BE GROUTED SOLID BELOW (N) POSTS. GROUT POCKET TO EXTEND 16" ALONG LENGTH OF WALL, CENTERED ON POSTS

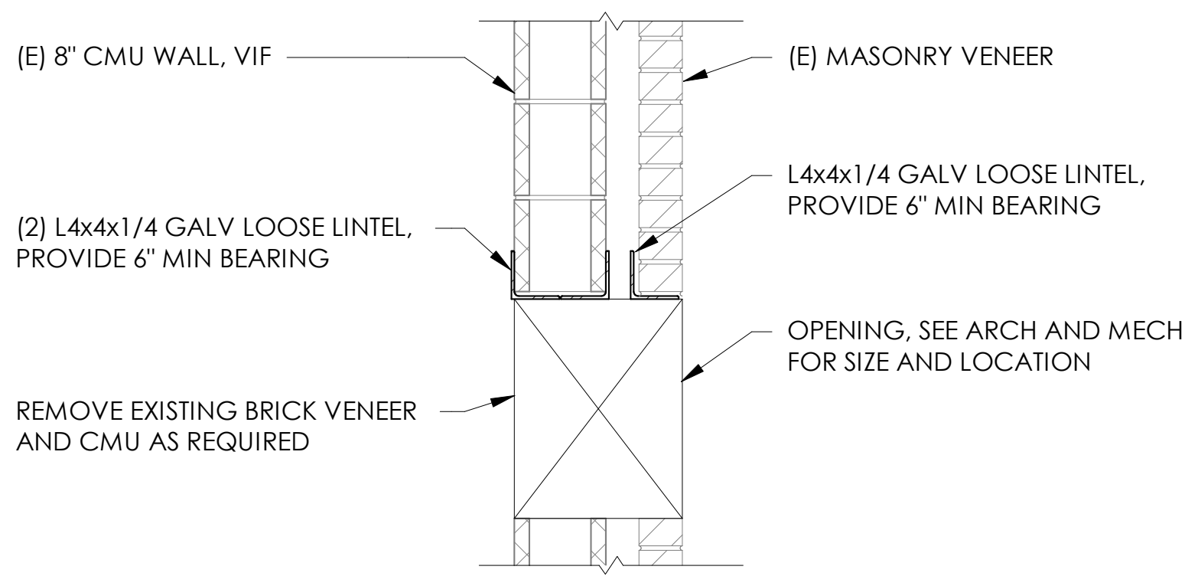
6 FRAMING SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"


(E) 8" CMU WALL, VIF
(E) MASONRY VENEER
12" x 12" X 3/8" GALV PLATE W/ (4) 3/4" DIA THREADED ROD WITH HILTI HIT-HY 270 WITH MIN 4 3/4" EMBED
STEEL BEAM, SEE PLAN
8"
GROUT EXISTING WALL SOLID AT ANCHORS. (GROUT TO BE MIN 2,000 PSI)
SEE DETAIL 10/S101 FOR ITEMS SHOWN BUT NOT NOTED
REMOVE EXISTING BRICK VENEER AS REQUIRED FOR BEAM INSTALLATION. REINSTALL BRICK TIGHT TO BEAM W/ 1/2" FLEXIBLE FOAM WRAP
(E) CONCRETE WALL/ FLOOR

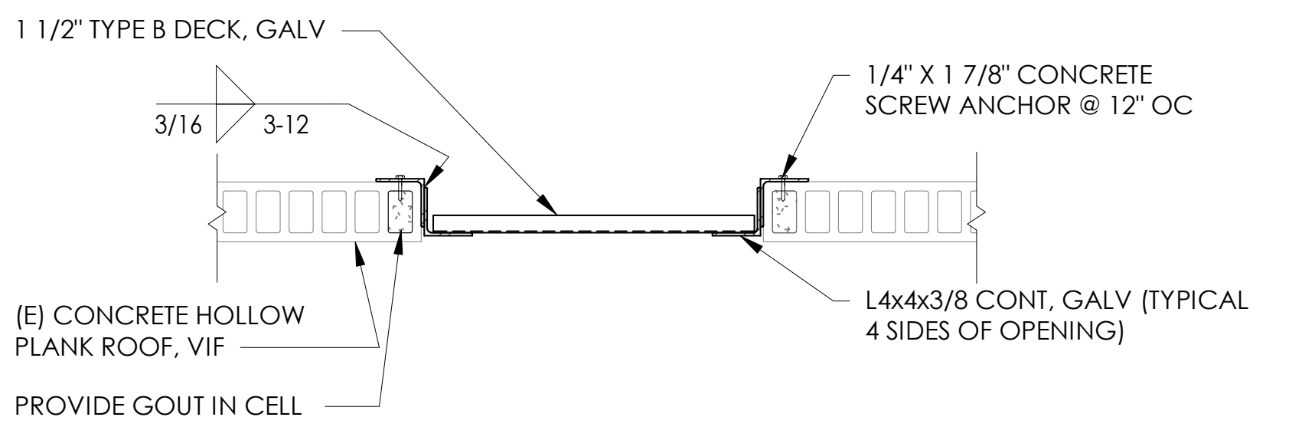
7 FRAMING SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"


(E) 8" CMU WALL, VIF
(E) MASONRY VENEER
(2) L4x4x1/4 GALV LOOSE LINTEL, PROVIDE 6" MIN BEARING
L4x4x1/4 GALV LOOSE LINTEL, PROVIDE 6" MIN BEARING
OPENING, SEE ARCH AND MECH FOR SIZE AND LOCATION
REMOVE EXISTING BRICK VENEER AND CMU AS REQUIRED

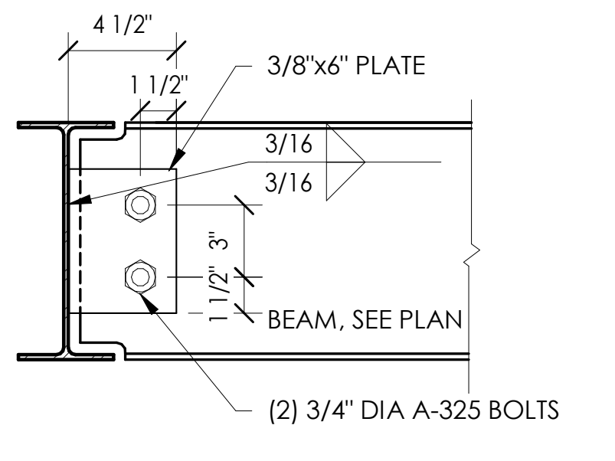
8 SECTION

0" 6" 1' 2' 4'
3/4" = 1'-0"


1 1/2" TYPE B DECK, GALV
3/16
3-12
1/4" X 1 7/8" CONCRETE SCREW ANCHOR @ 12" OC
(E) CONCRETE HOLLOW PLANK ROOF, VIF
L4x4x3/8 CONT, GALV (TYPICAL 4 SIDES OF OPENING)
PROVIDE GOUT IN CELL

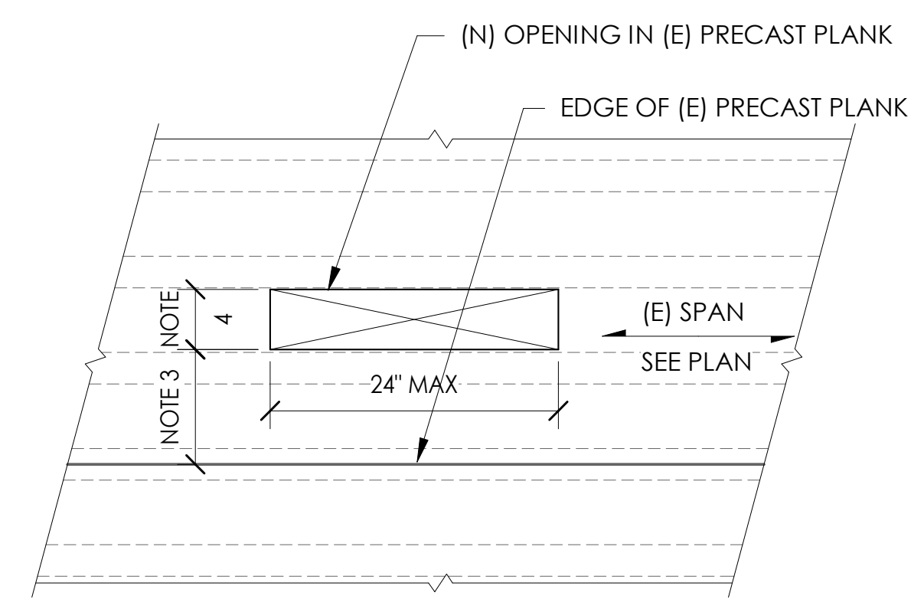
9 PRECAST PLANK INFILL DETAIL

0" 6" 1' 2' 4'
3/4" = 1'-0"



10 TYPICAL BEAM TO GIRDER CONNECTION

N.T.S.

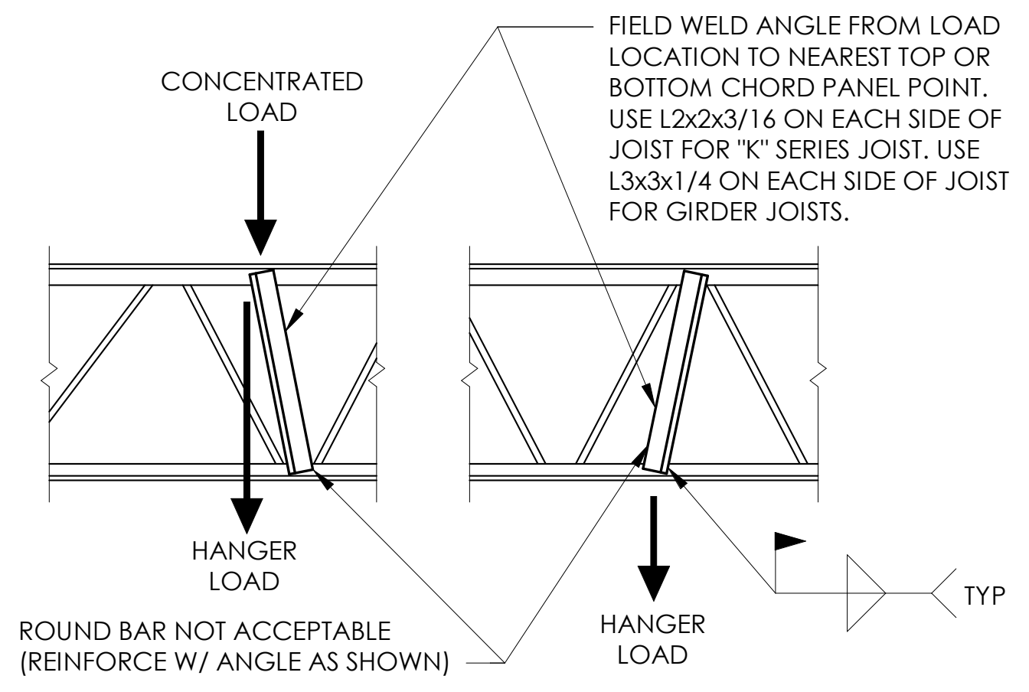


NOTES:

1. EXISTING PRECAST PLANK TO BE SCANNED (GPR, PACHOMETER, ETC...) TO DETERMINE THE LOCATIONS AND DIMENSIONS OF THE HOLLOW CORES
2. (N) DUCT PENETRATION TO BE ENTIRELY WITHIN HOLLOW CORE OF PLANK. NO STRANDS ARE TO BE CUT DURING INSTALLATION
3. (N) PENETRATION TO BE A MINIMUM OF ONE (1) CORE AWAY FROM EDGE OF PLANK
4. MAXIMUM WIDTH OF DUCT PENETRATION TO BE LESS THAN DIAMETER OF EXISTING HOLLOW CORES OF PLANK

11 OPENING IN EXISTING PLANK

N.T.S.

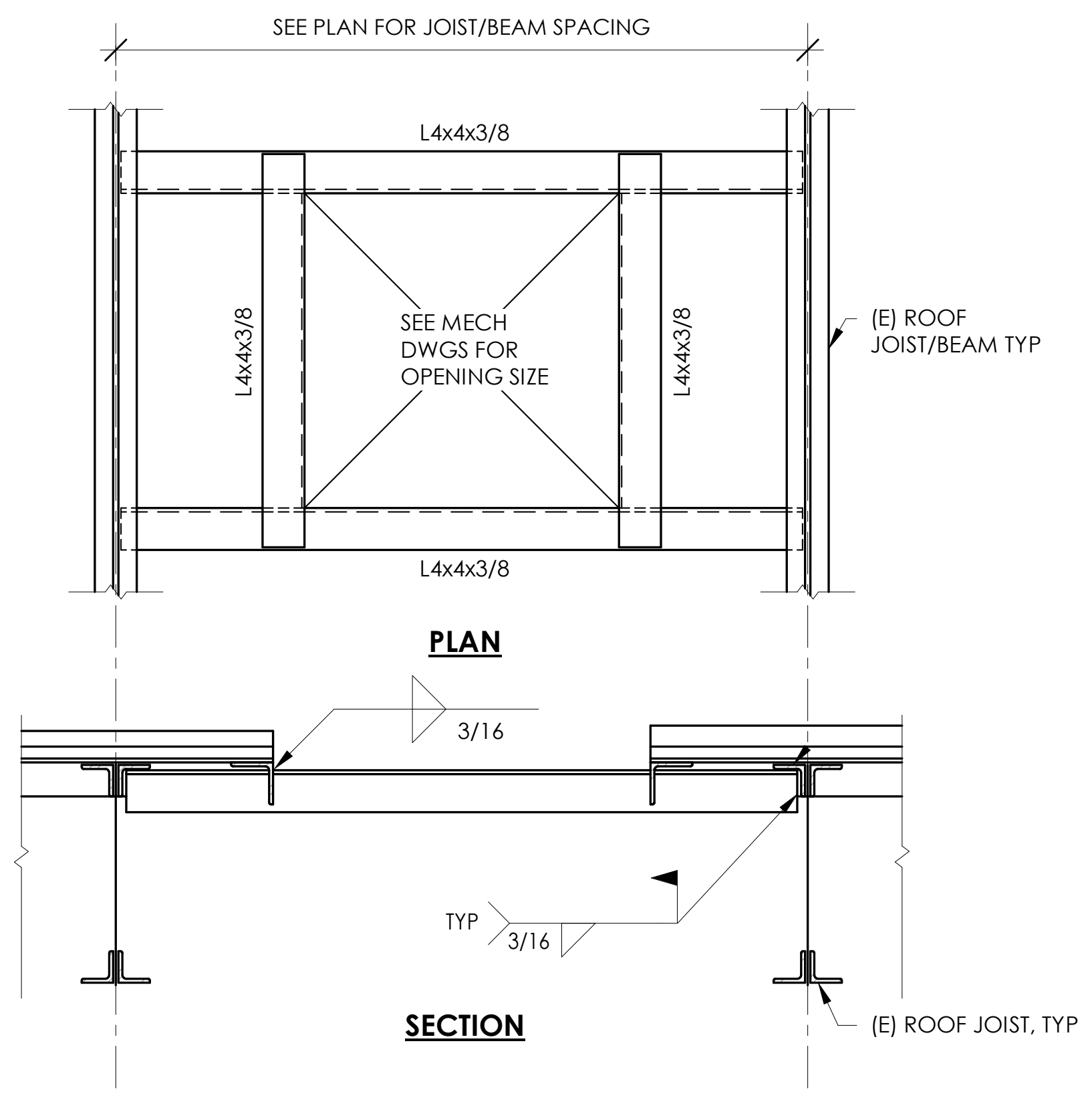

CONCENTRATED LOAD
FIELD WELD ANGLE FROM LOAD LOCATION TO NEAREST TOP OR BOTTOM CHORD PANEL POINT. USE L2x2x3/16 ON EACH SIDE OF JOIST FOR "K" SERIES JOIST. USE L3x3x1/4 ON EACH SIDE OF JOIST FOR GIRDER JOISTS.
HANGER LOAD
HANGER LOAD
ROUND BAR NOT ACCEPTABLE (REINFORCE W/ ANGLE AS SHOWN)
TYP

NOTES:

1. MODIFICATION IS TYP FOR ALL JOISTS SUPPORTING LOAD FROM TOP OR BOTTOM CHORD BETWEEN PANEL POINTS. VERIFY LOCATION AND NUMBER OF LOADS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. JOIST MANUFACTURER TO SHOW REINFORCING AT ALL CONCENTRATED LOADS WHOSE EXACT LOCATION IS SHOWN ON DRAWINGS.
3. ANY EXISTING JOIST TO BE WELDED SHALL BE COMPLETELY SHORED DUE TO TEMPORARY LOSS OF STEEL STRENGTH DURING WELDING OPERATIONS.

12 TYPICAL JOIST REINFORCING DETAIL

N.T.S.

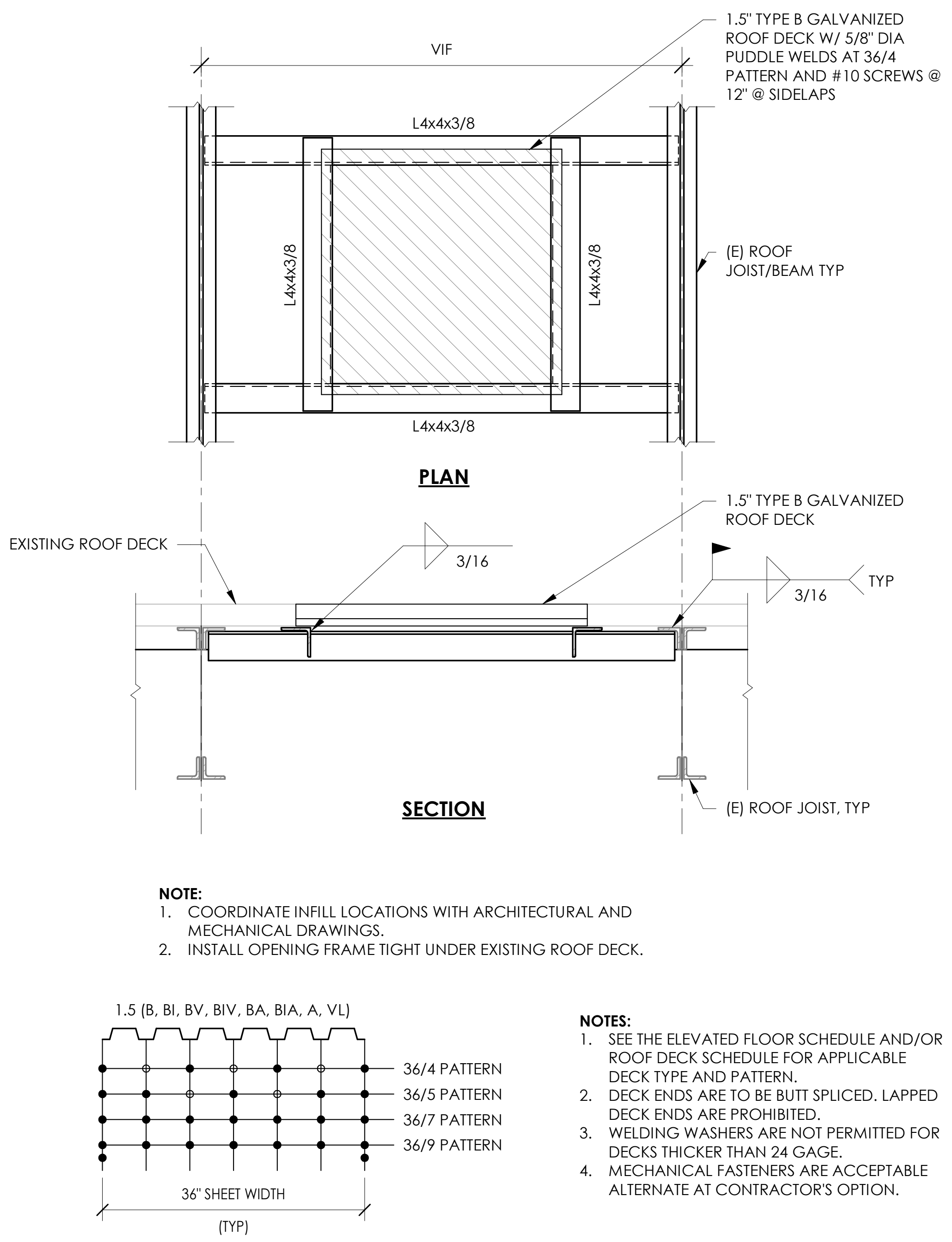


NOTE:

1. COORDINATE OPENING SIZE AND LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. INSTALL OPENING FRAME TIGHT UNDER EXISTING ROOF DECK.
3. CUT OPENING IN EXISTING ROOF.

13 TYPICAL OPENING IN EXISTING ROOF

N.T.S.



NOTE:

1. COORDINATE INFILL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. INSTALL OPENING FRAME TIGHT UNDER EXISTING ROOF DECK.

NOTES:

1. SEE THE ELEVATED FLOOR SCHEDULE AND/OR ROOF DECK SCHEDULE FOR APPLICABLE DECK TYPE AND PATTERN.
2. DECK ENDS ARE TO BE BUTT SPLICED. LAPPED DECK ENDS ARE PROHIBITED.
3. WELDING WASHERS ARE NOT PERMITTED FOR DECKS THICKER THAN 24 GAGE.
4. MECHANICAL FASTENERS ARE ACCEPTABLE ALTERNATE AT CONTRACTOR'S OPTION.

14 TYPICAL ROOF INFILL AT EXISTING OPENING

N.T.S.

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/WCSD Washingtonville HS - Ph3_Struct_RVT24.rvt

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Consultant
PASSERO

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
LAWRENCE ST
Expiration Date: 3/31/2026
Certificate of Authorization: 021475

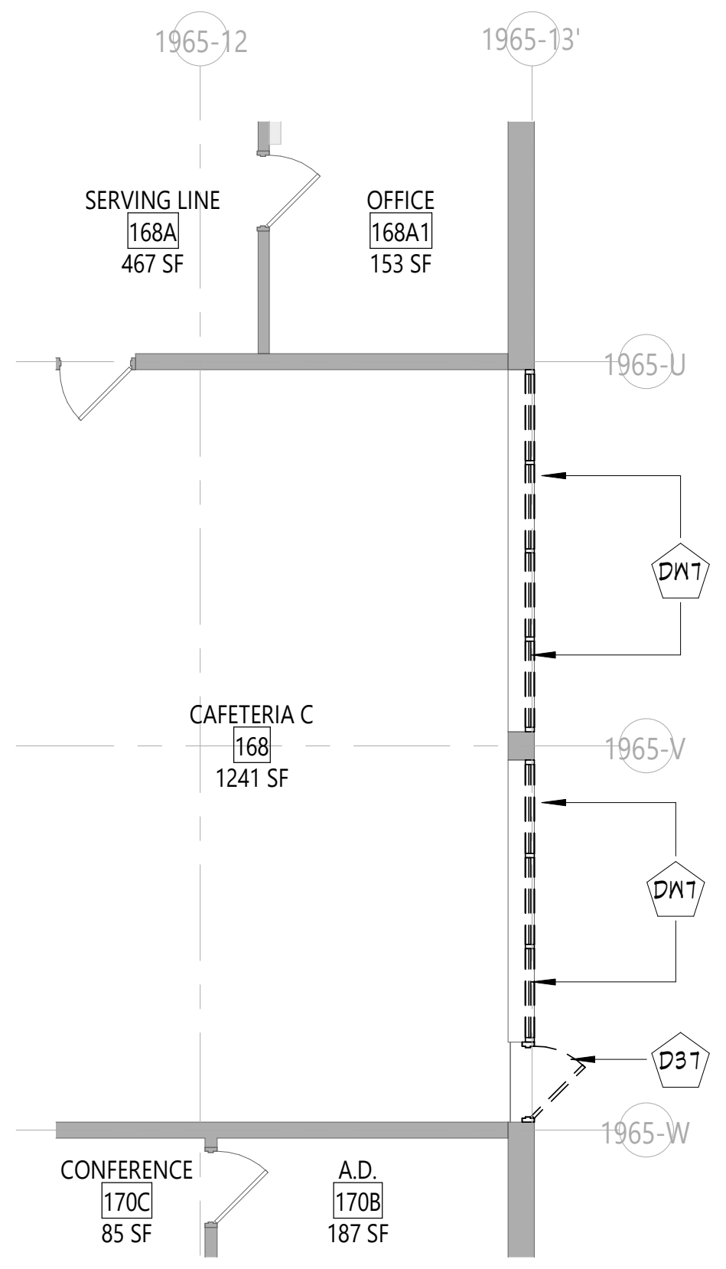
#	DATE	DESCRIPTION

Drawn By: MGM
Checked By: CLS
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

Sheet Title
ROOF
FRAMING
PLAN

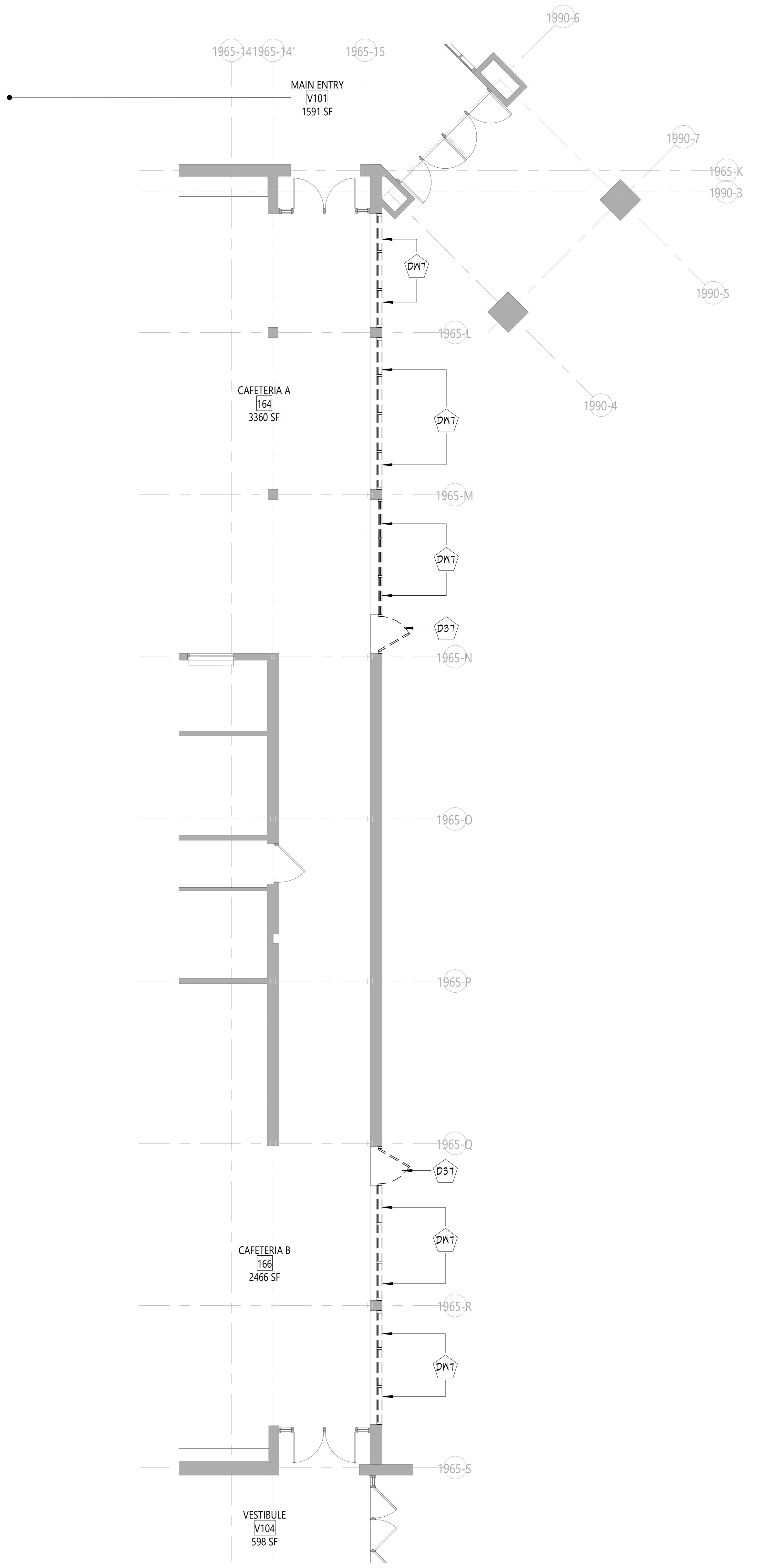
Sheet No.
WHS
S101

CONSTRUCTION DOCUMENTS



2 CAFETERIA C - DEMOLITION PLAN

AD111 1/8" = 1'-0"



1 CAFETERIA A & B - DEMOLITION PLAN

AD111 1/8" = 1'-0"

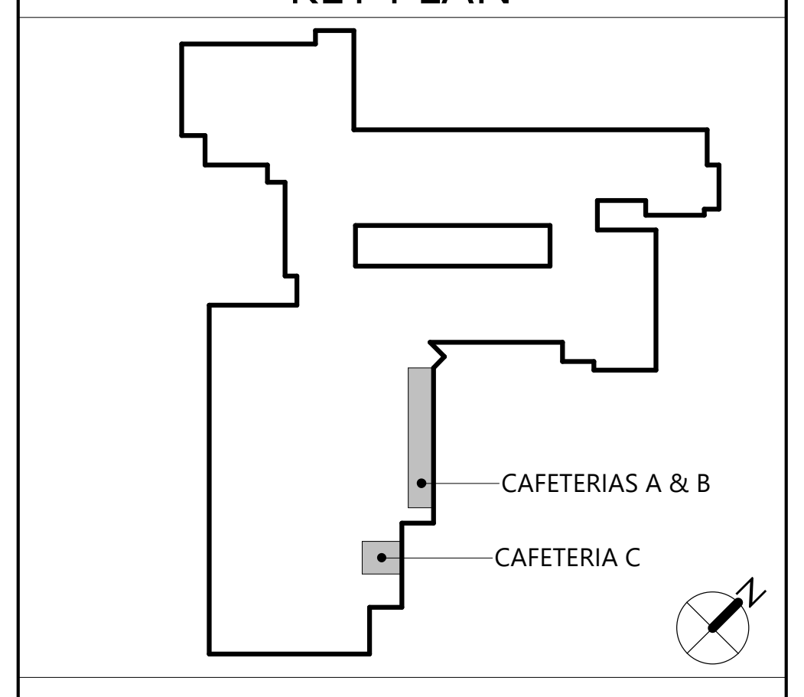
DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

DEMOLITION KEYNOTES

	Description
D37	REMOVE EXISTING DOOR, FRAME, HARDWARE AND ACCESSORIES. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
DW7	CAFEFULLY REMOVE EXISTING STOREFRONT/WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO, FRAMES, OPERABLE VENTS, GLAZING, ANCHORS, HARDWARE, BLOCKING, AND ANY RELATED ACCESSORIES. EXISTING MASONRY OPENING TO REMAIN. COORDINATE WITH SPECIFICATIONS AND NEW WORK.

KEY PLAN



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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

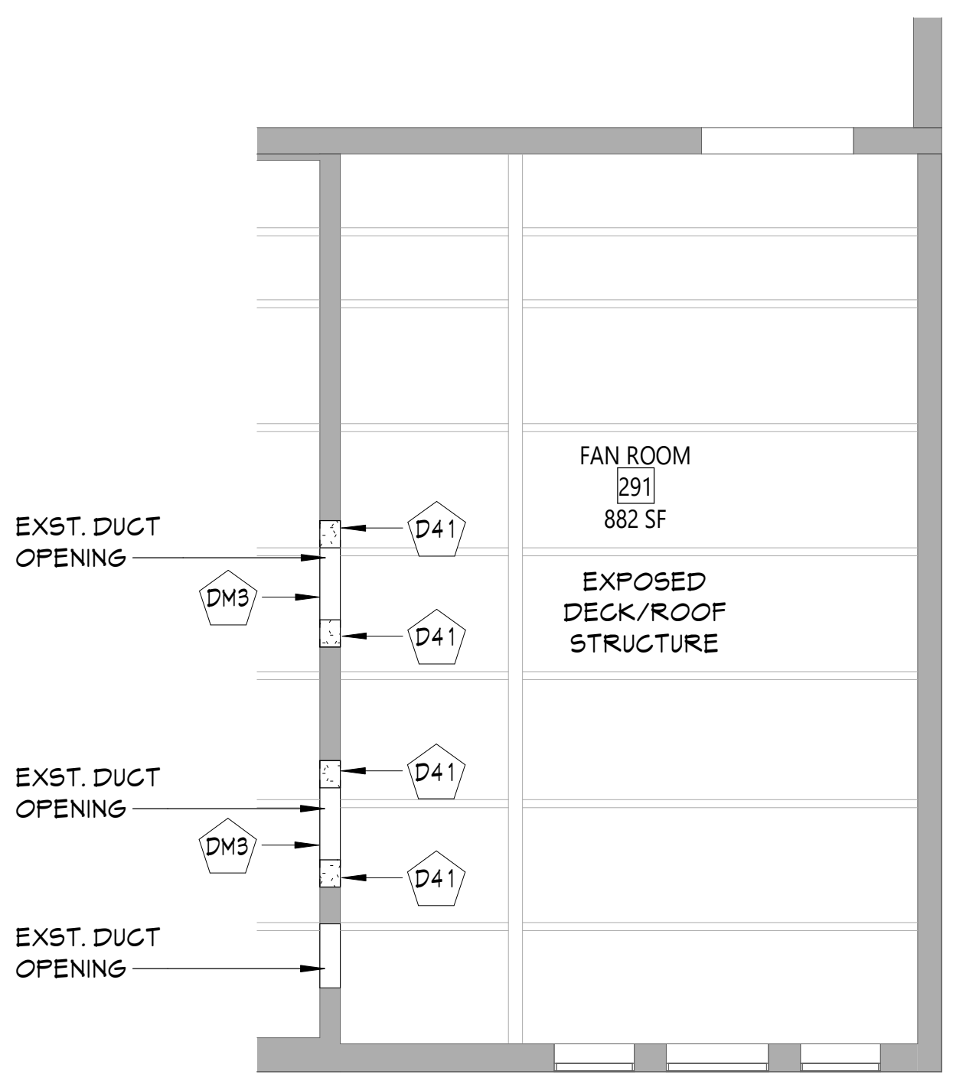
#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

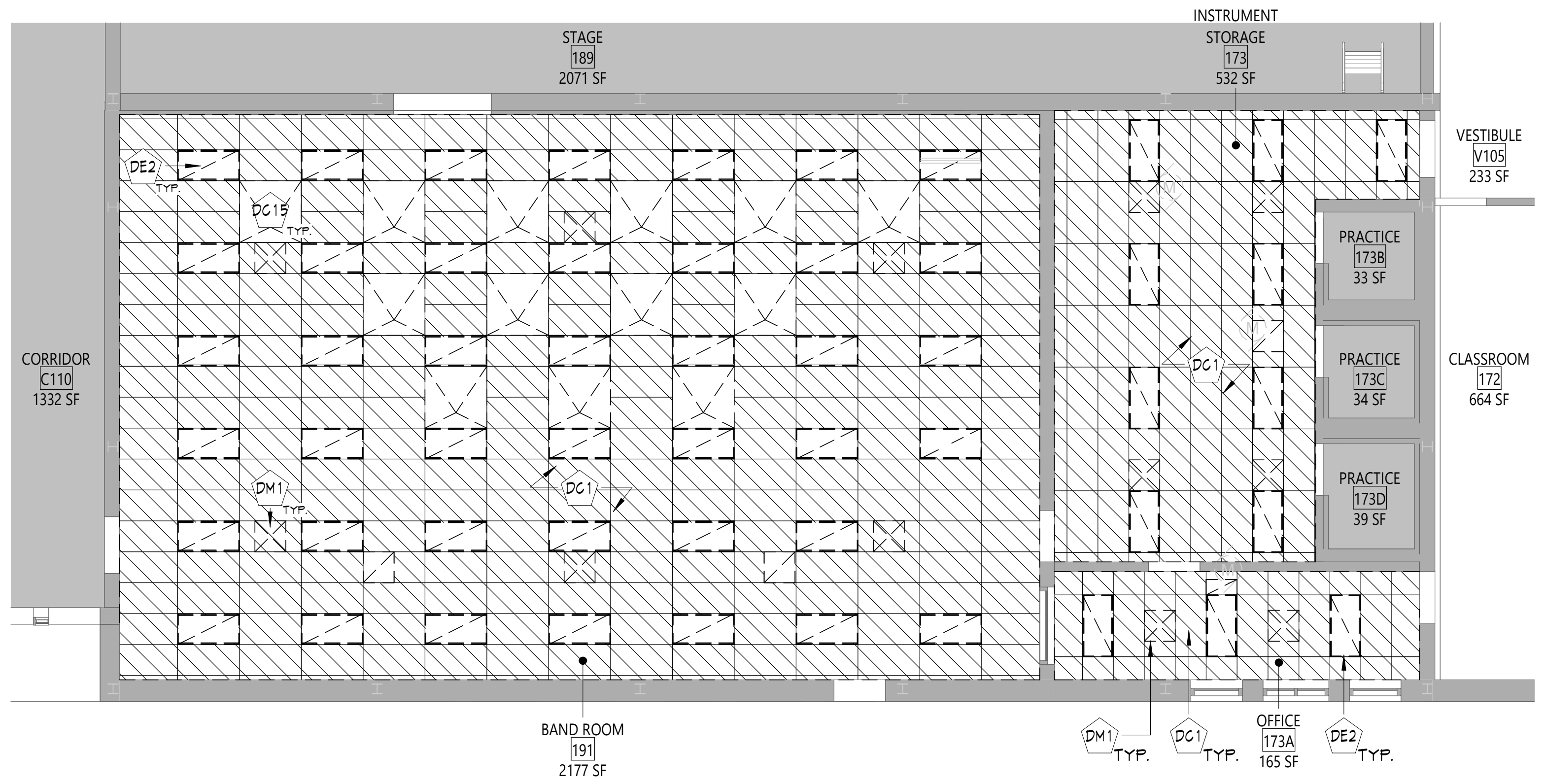
Sheet Title
CAFETERIA -
DEMOLITION
PLANS

Sheet No.
WHS
AD111

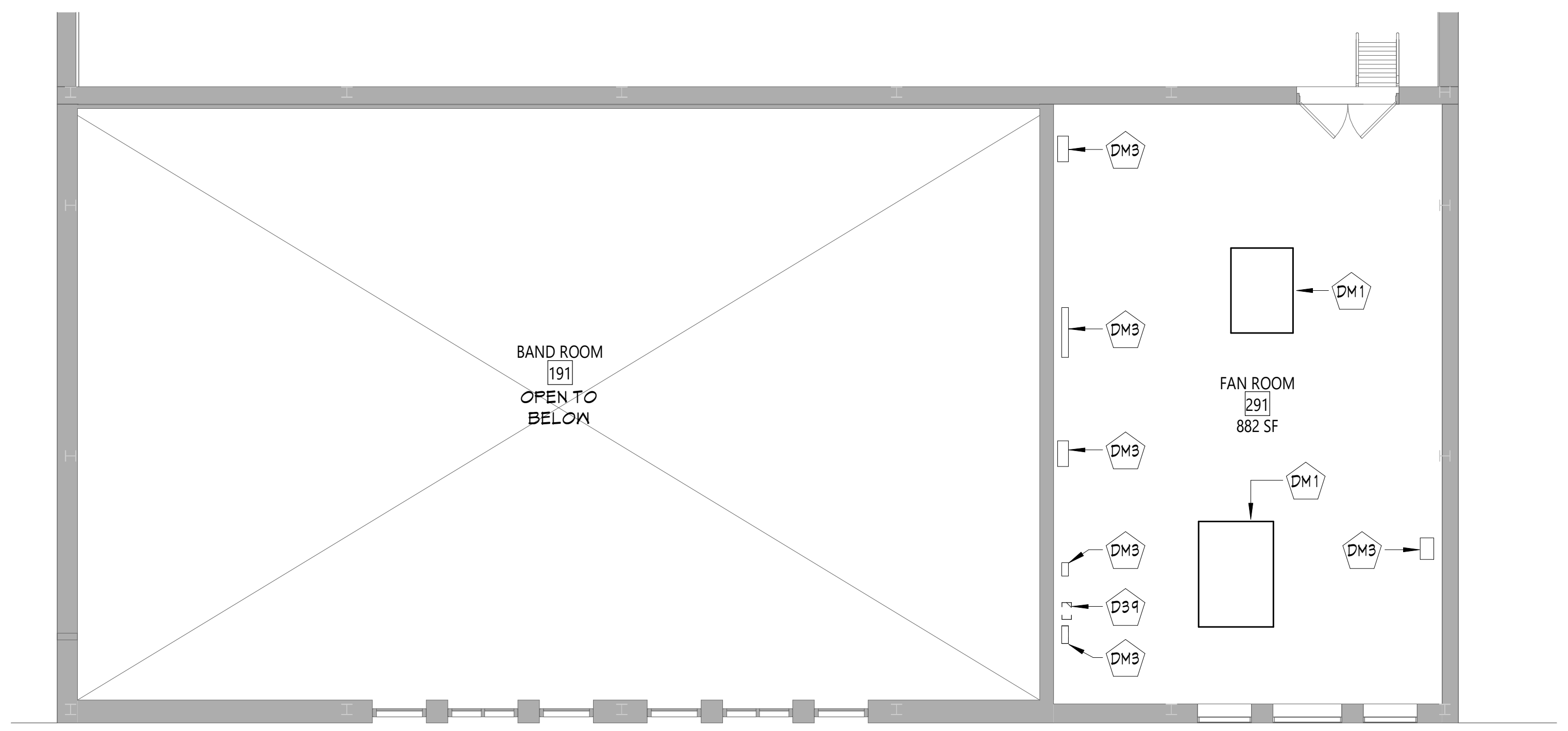
CONSTRUCTION DOCUMENTS



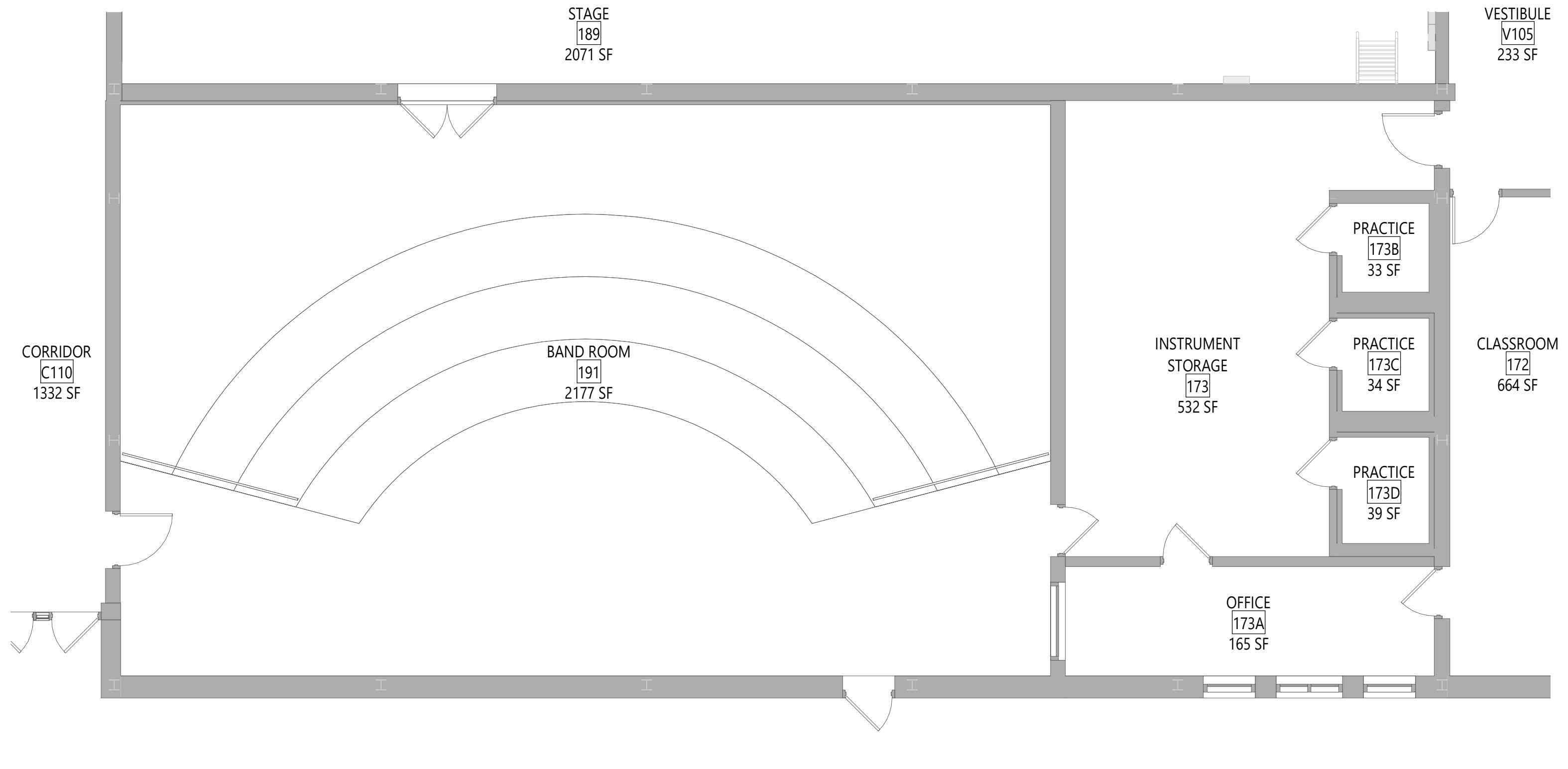
4 FAN ROOM - DEMOLITION RCP
AD112 1/8" = 1'-0"



2 BAND ROOM - DEMOLITION RCP
AD112 1/8" = 1'-0"



3 FAN ROOM - DEMOLITION PLAN
AD112 1/8" = 1'-0"



NOTE: FLOOR PLAN SHOWN FOR REFERENCE ONLY. SEE 2/AD112, 3/AD112, & 4/AD112 FOR SCOPE OF WORK.

1 BAND ROOM - FLOOR PLAN
AD112 1/8" = 1'-0"

DEMOLITION KEYNOTES

	Description
D39	SAWCUT OPENING IN SLAB AS REQUIRED TO ACCOMMODATE NEW DUCT PENETRATION. COORDINATE WITH MECHANICAL DRAWINGS.
D41	REMOVE PORTION OF EXISTING PARTITION TO ACCOMMODATE NEW WORK. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC15	SALVAGE EXISTING CLOUD CEILING UNITS FOR REINSTALLATION. COORDINATE WITH NEW WORK.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DM3	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.

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7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▦	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2'x4' LIGHT FIXTURE

2'x2' LIGHT FIXTURE

1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

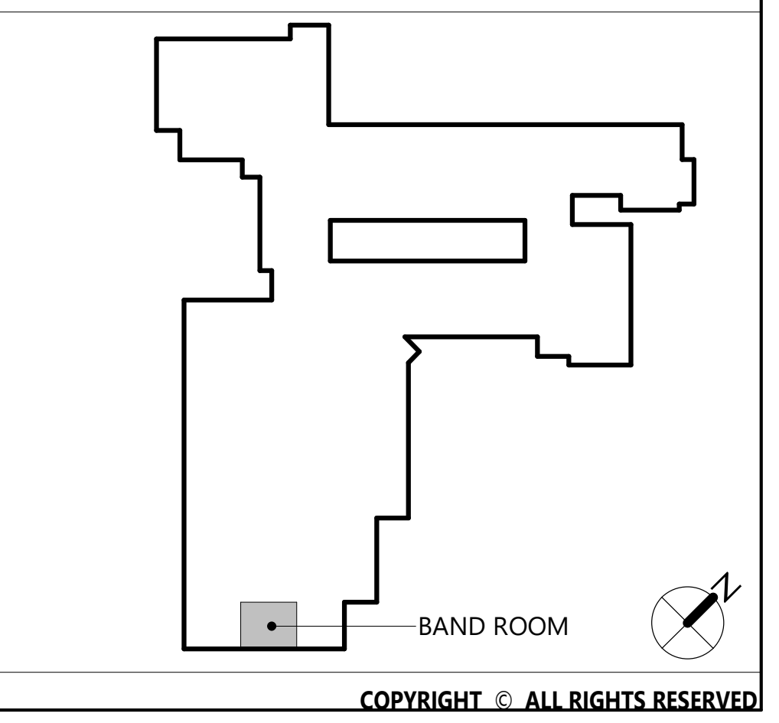
4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

HVAC SUPPLY GRILLE

HVAC RETURN GRILLE

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

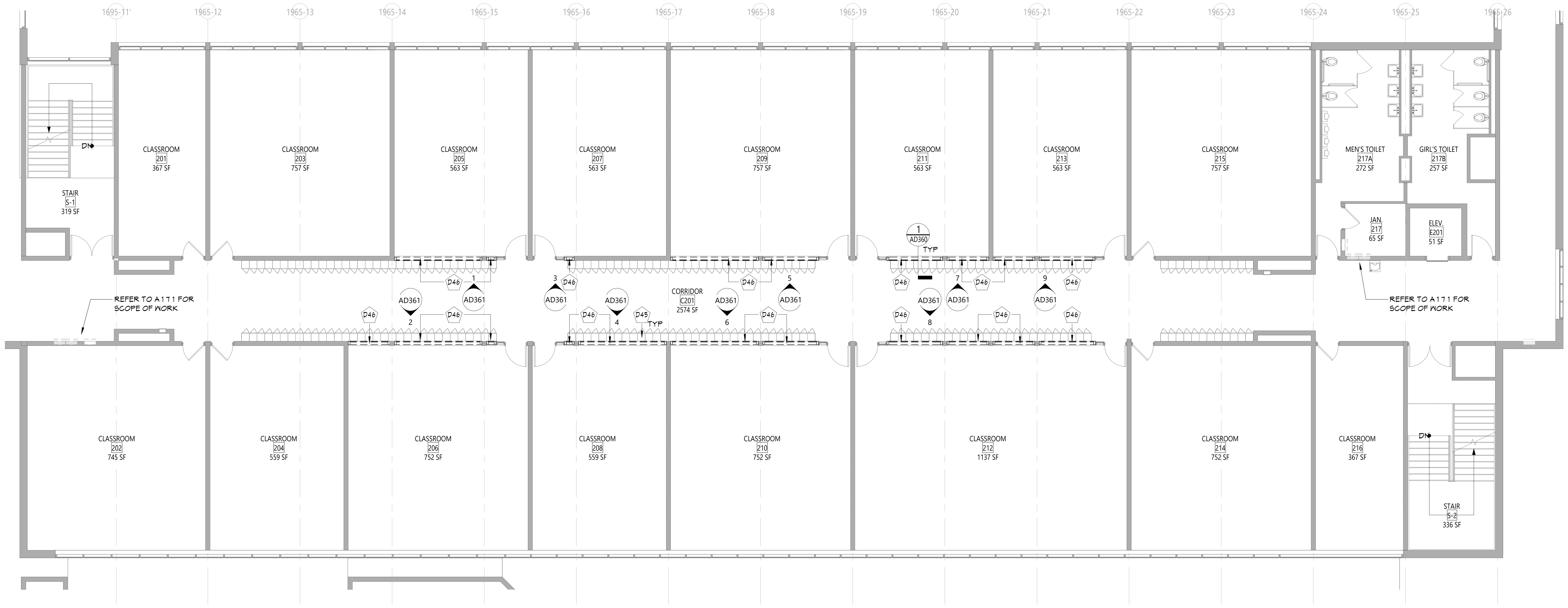
Sheet Title

BAND ROOM - DEMOLITION PLANS

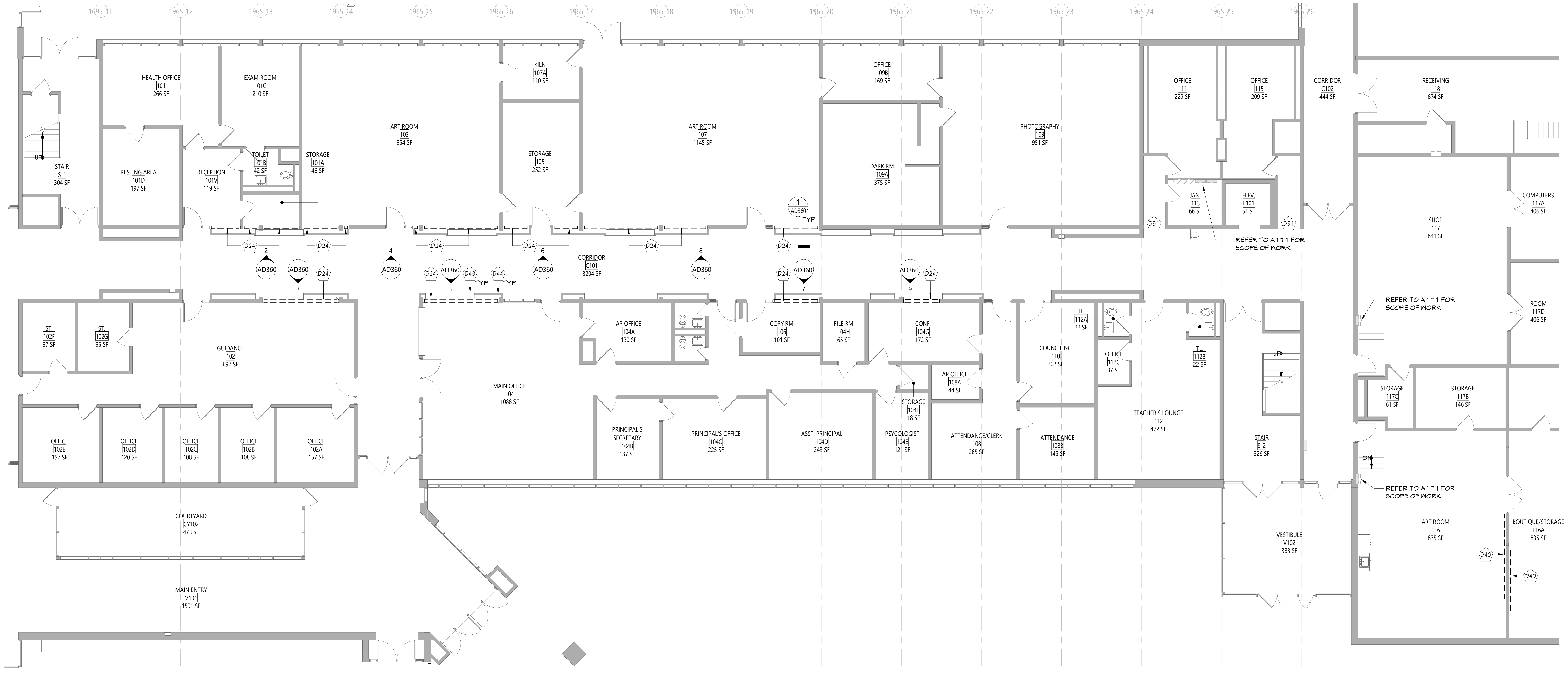
Sheet No.

WHS
AD112

CONSTRUCTION DOCUMENTS



2 CORRIDOR C201 - DEMOLITION PLAN
AD113 1/8" = 1'-0"



1 CORRIDOR C101 - DEMOLITION PLAN
AD113 1/8" = 1'-0"

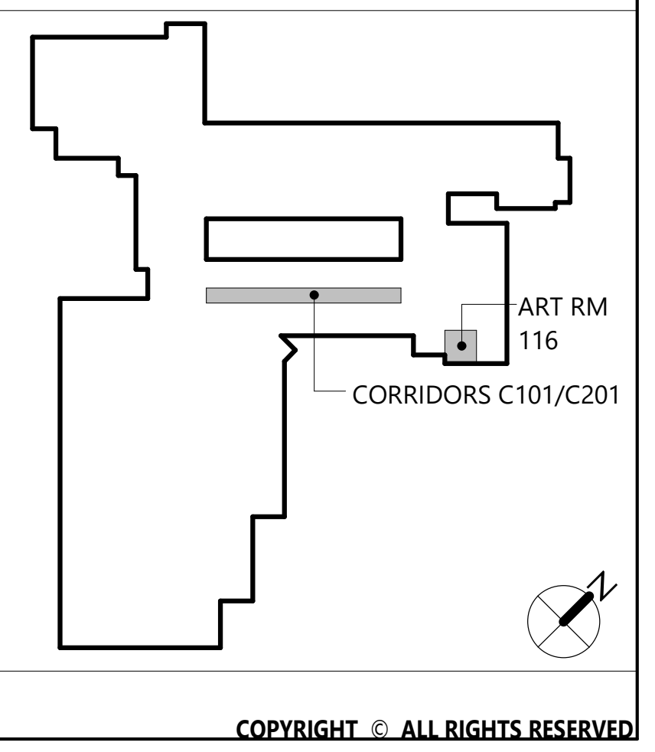
DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

DEMOLITION KEYNOTES

	Description
D24	REMOVE EXISTING GLAZING SYSTEM IN ITS ENTIRETY, INCLUDING ALL SUPPORTS, FASTENERS AND RELATED ACCESSORIES. EXISTING SHELVING SYSTEM ON TOP OF DISPLAY CASES AND/OR MURALS TO REMAIN; PROTECT SHELVING DURING REMOVALS.
D40	TEMPORARILY REMOVE AND SALVAGE EXISTING TACKBOARD TO ACCOMMODATE NEW WORK.
D43	EXISTING DISPLAY CASE/CASEWORK TO REMAIN. PROTECT DURING REMOVALS.
D44	EXISTING MURALS TO REMAIN. PROTECT DURING REMOVALS.
D45	EXISTING LOCKERS TO REMAIN. PROTECT DURING REMOVALS.
D46	REMOVE EXISTING GLAZING SYSTEM IN ITS ENTIRETY, INCLUDING WOOD TRIM, ALUMINUM CHANNELS, SUPPORTS, FASTENERS AND RELATED ACCESSORIES. EXISTING SHELVING SYSTEM ON TOP OF EXISTING LOCKERS TO REMAIN; PROTECT DURING REMOVALS.
D51	PREP AREA AS REQUIRED TO ACCEPT NEW PARTITION AND DOOR.

KEY PLAN



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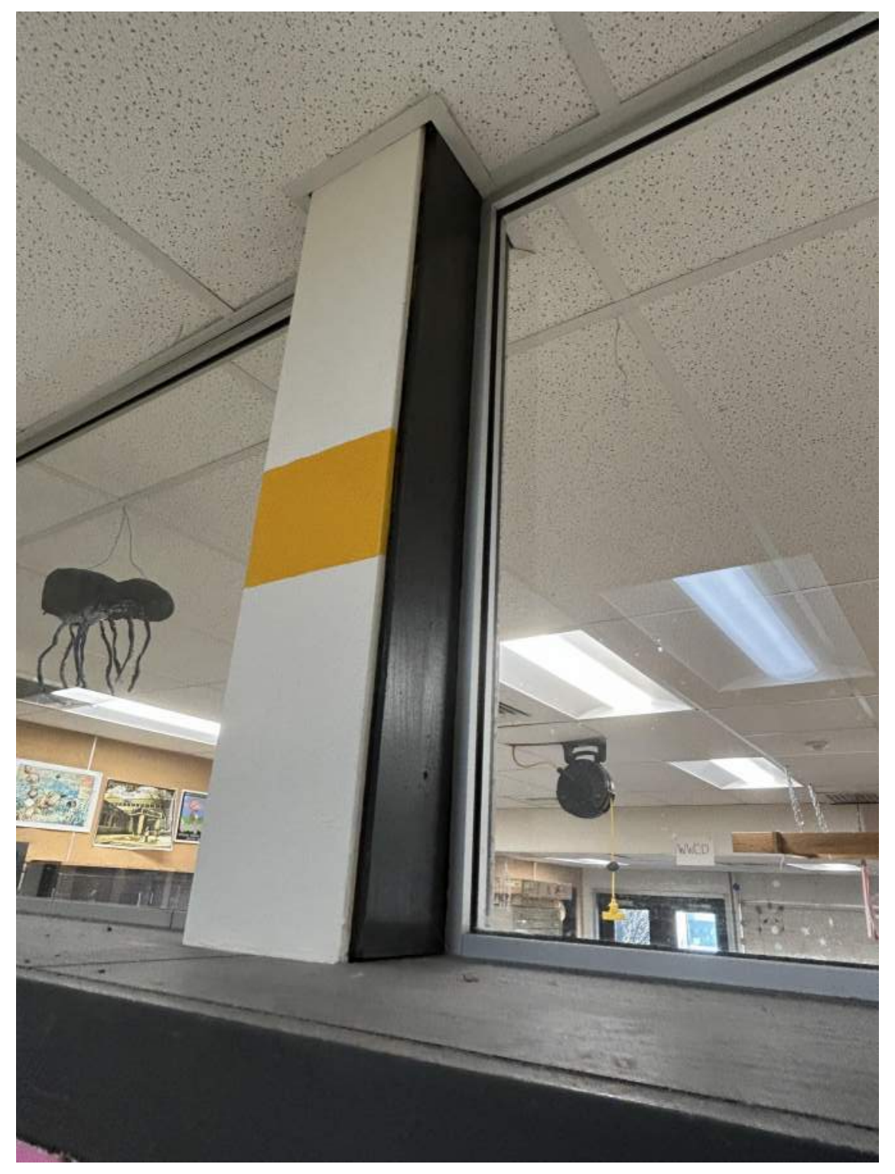
Sheet Title
CORRIDORS C101 & C201 - DEMOLITION PLANS

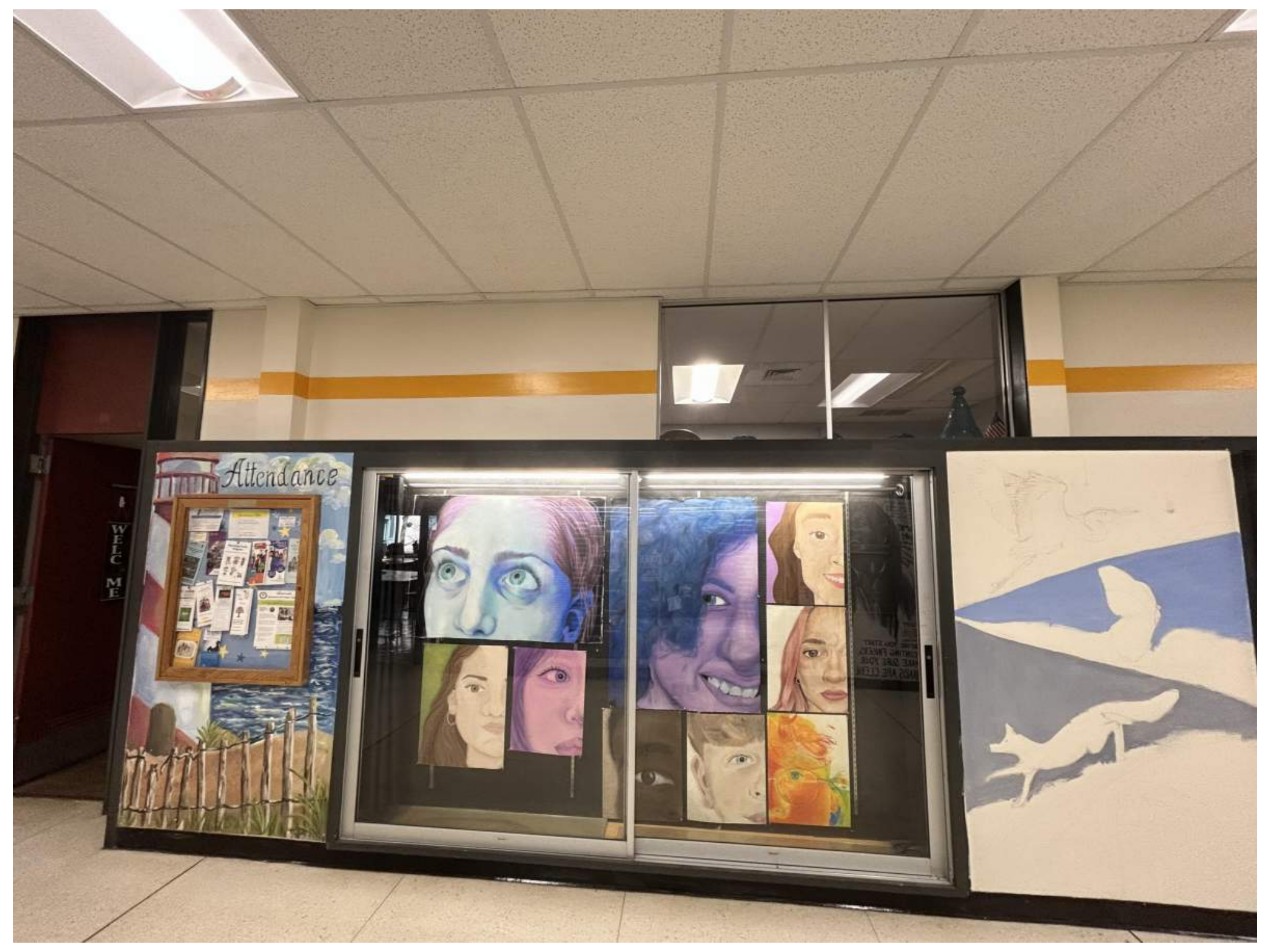
Sheet No.
WHS AD113

CONSTRUCTION DOCUMENTS

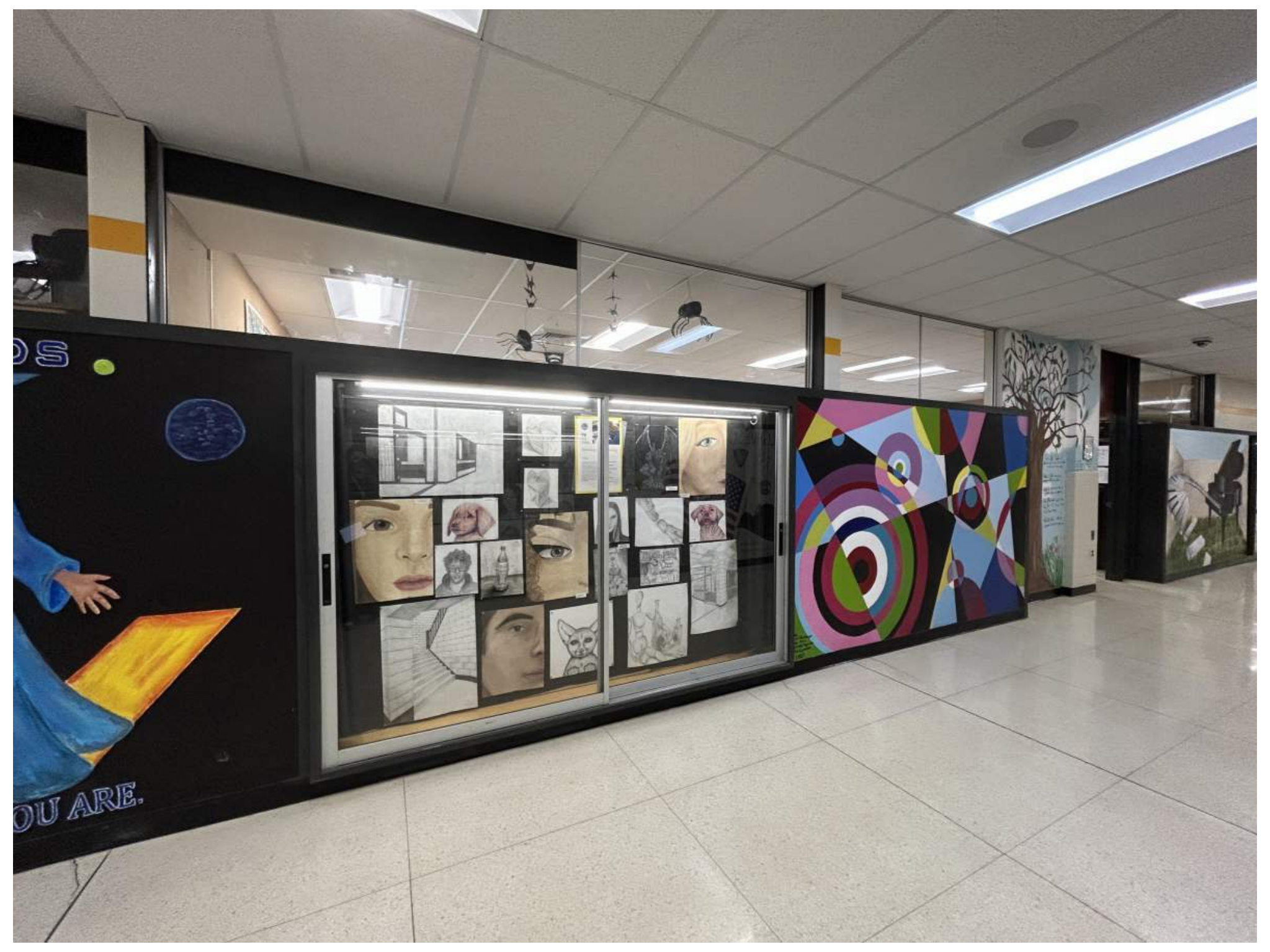
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



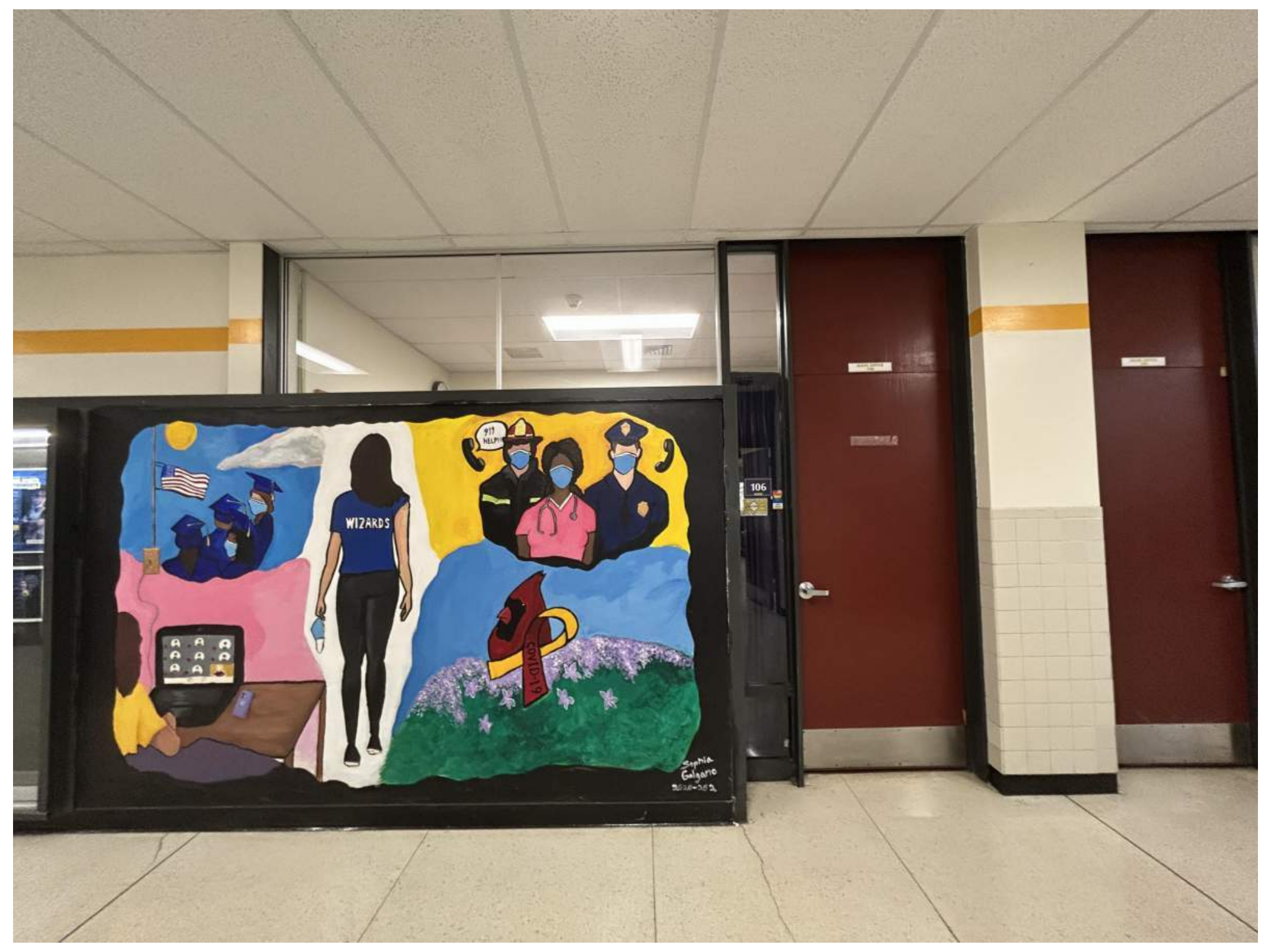
10 EC PHOTO - TYP. GLAZING FRAME
AD360 12" = 1'-0"



9 EC PHOTO - GLAZING AT ROOM 104G
AD360 Not to Scale



8 EC PHOTO - GLAZING AT ROOM 107
AD360 Not to Scale



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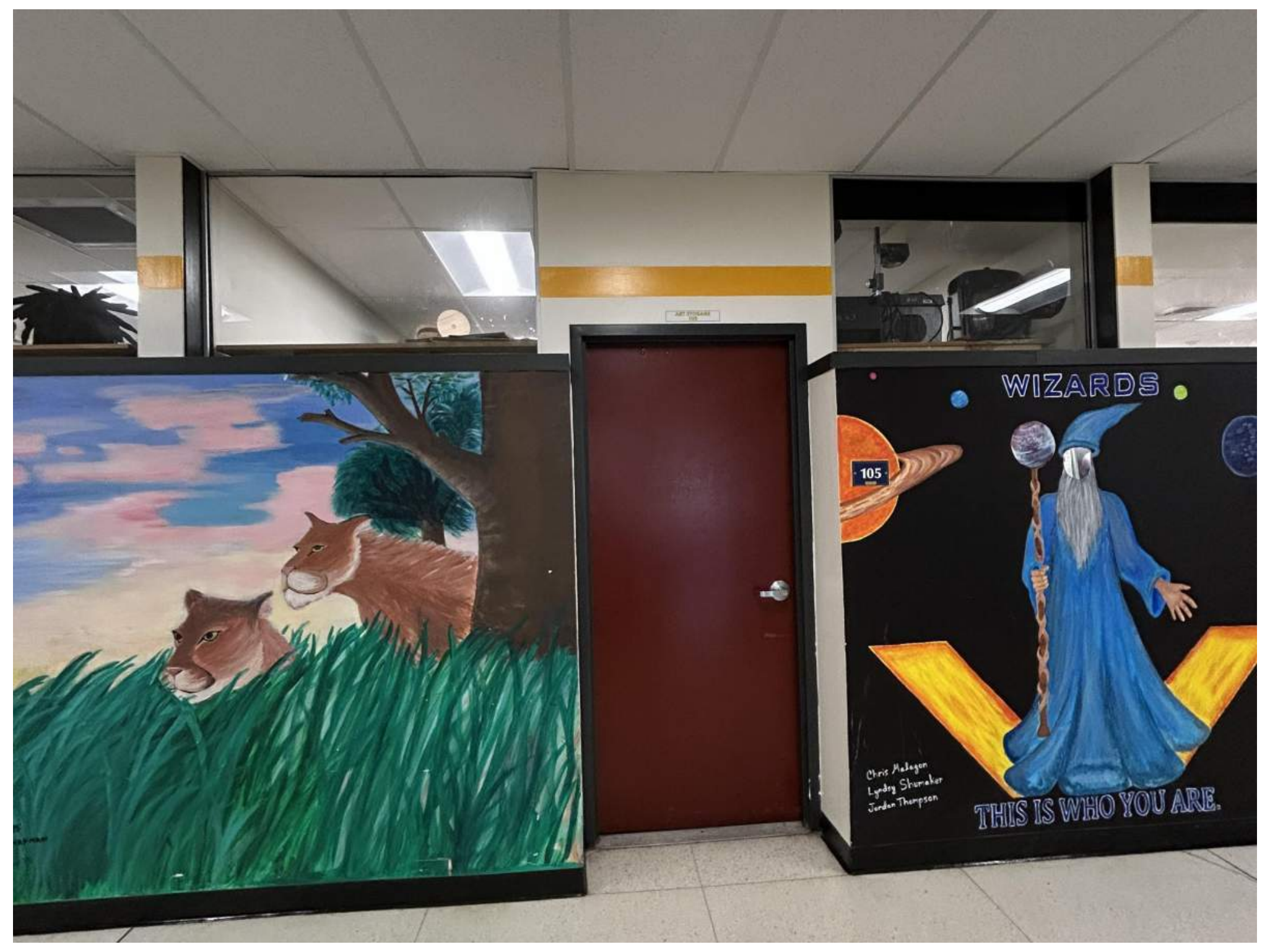
AD360 Not to Scale



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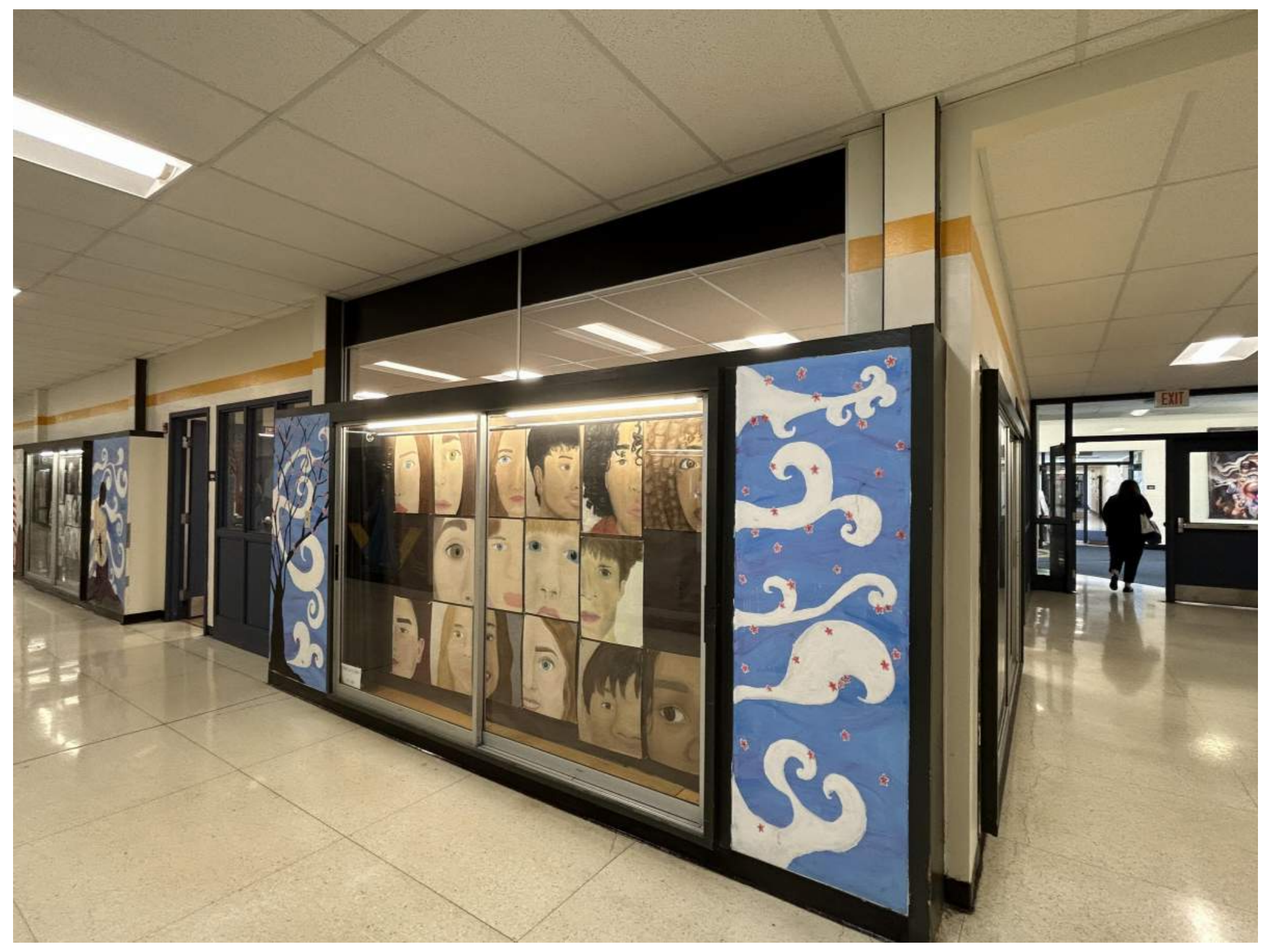

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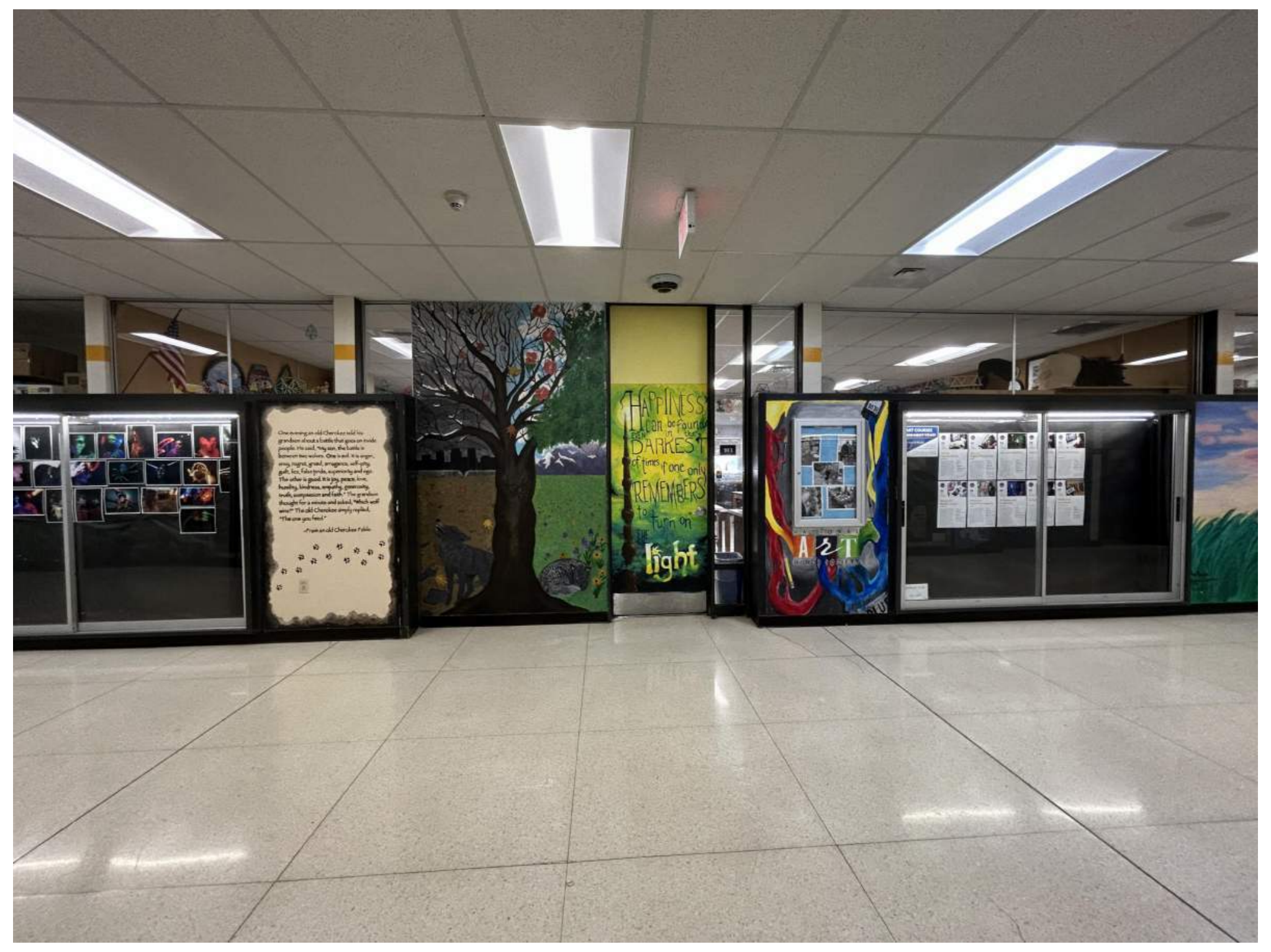

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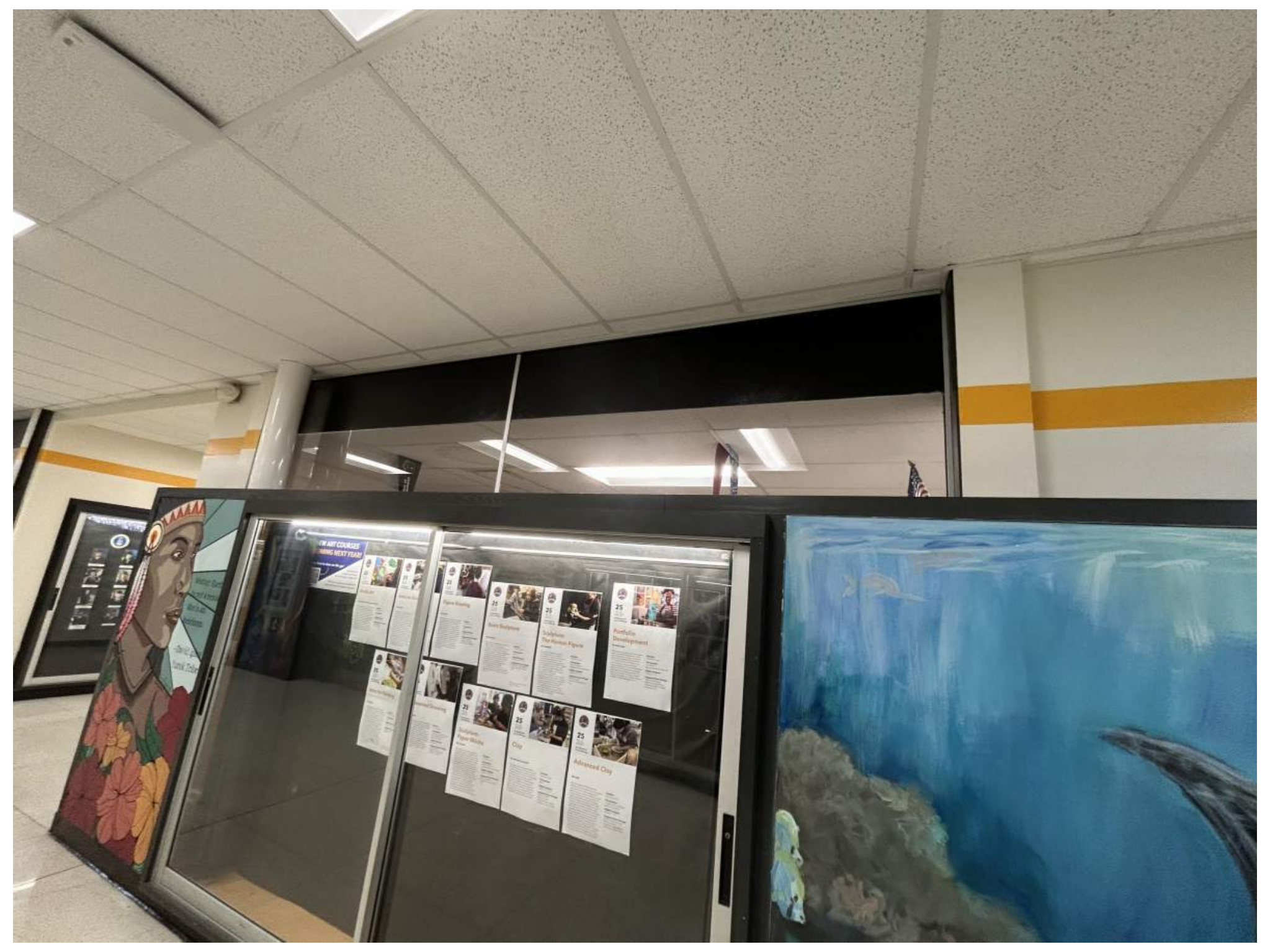

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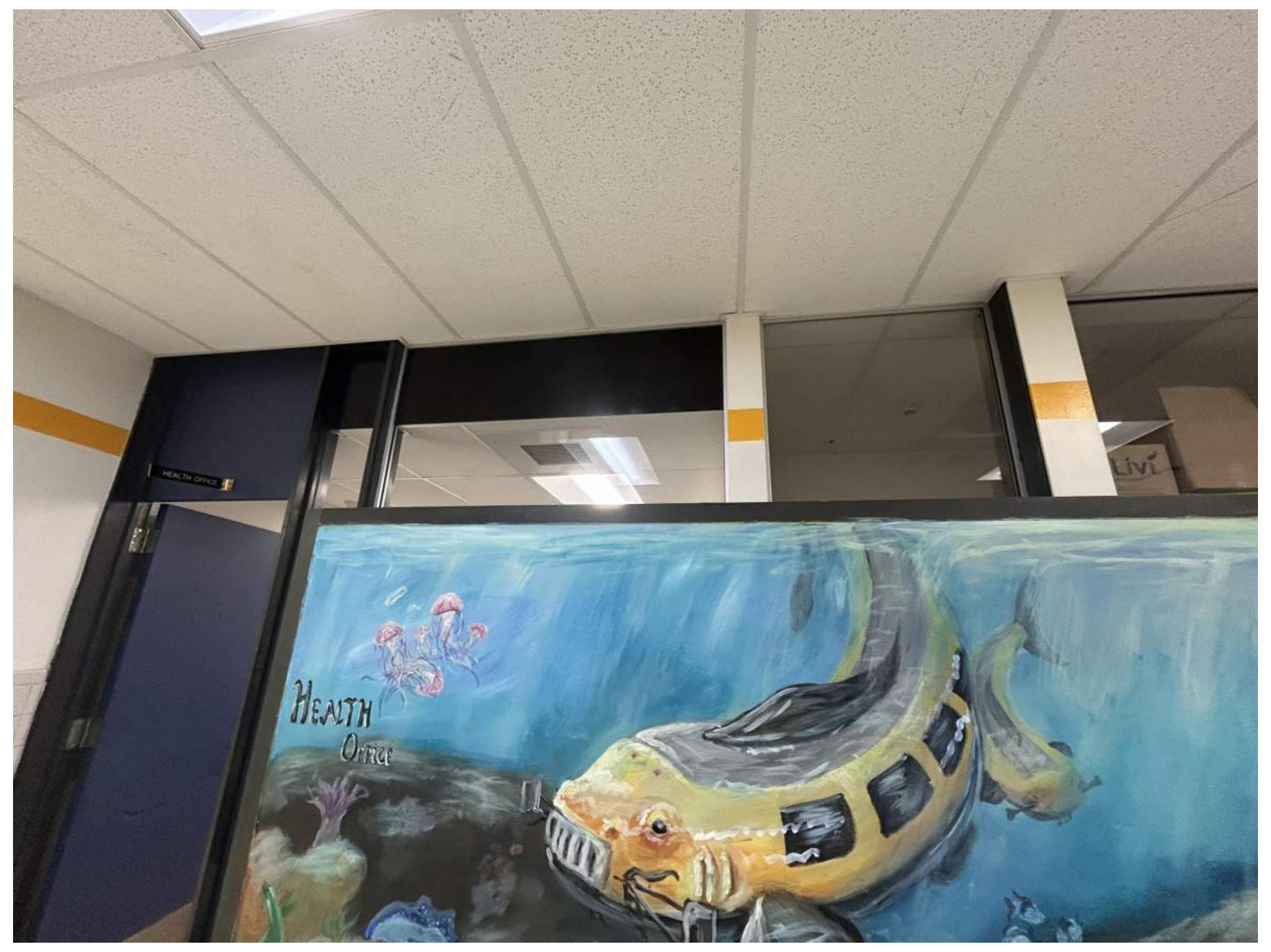
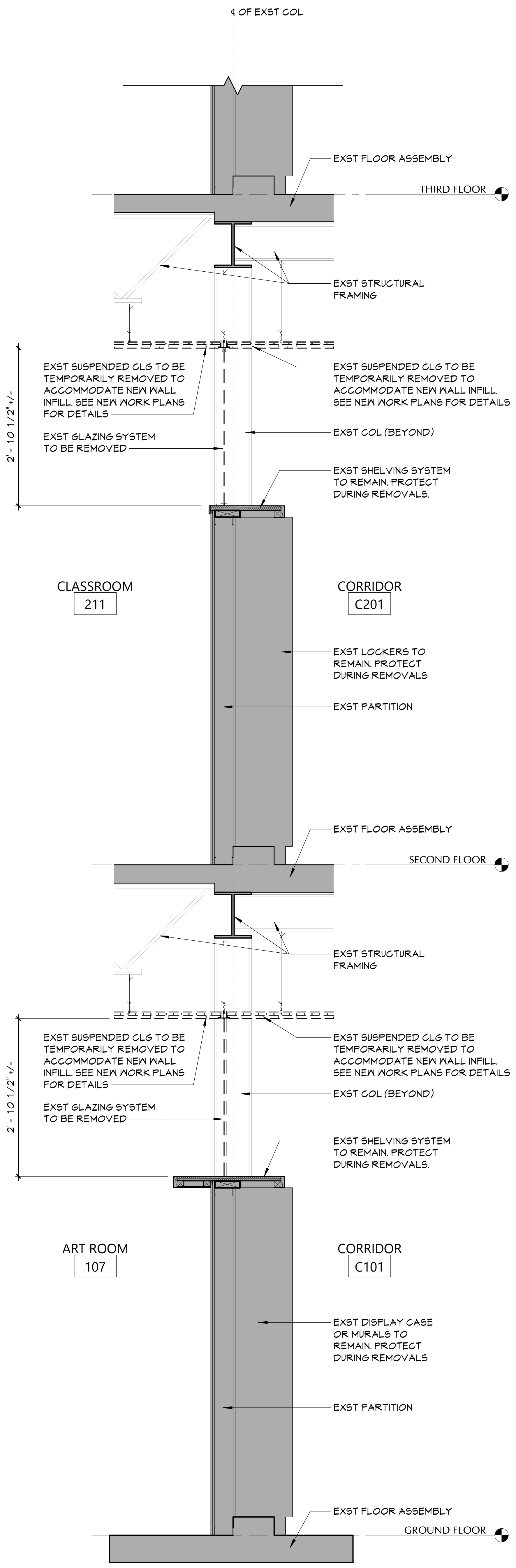


2 EC PHOTO - GLAZING AT ROOM 101V & 101A
AD360 Not to Scale


℄ OF EXST COL
EXST FLOOR ASSEMBLY
THIRD FLOOR
EXST STRUCTURAL FRAMING
EXST SUSPENDED CLG TO BE TEMPORARILY REMOVED TO ACCOMMODATE NEW WALL INFILL. SEE NEW WORK PLANS FOR DETAILS
EXST SUSPENDED CLG TO BE TEMPORARILY REMOVED TO ACCOMMODATE NEW WALL INFILL. SEE NEW WORK PLANS FOR DETAILS
2' - 10 1/2" +/-
EXST GLAZING SYSTEM TO BE REMOVED
EXST COL (BEYOND)
EXST SHELVING SYSTEM TO REMAIN. PROTECT DURING REMOVALS.
CLASSROOM
211
CORRIDOR
C201
EXST LOCKERS TO REMAIN. PROTECT DURING REMOVALS
EXST PARTITION
EXST FLOOR ASSEMBLY
SECOND FLOOR
EXST STRUCTURAL FRAMING
EXST SUSPENDED CLG TO BE TEMPORARILY REMOVED TO ACCOMMODATE NEW WALL INFILL. SEE NEW WORK PLANS FOR DETAILS
EXST SUSPENDED CLG TO BE TEMPORARILY REMOVED TO ACCOMMODATE NEW WALL INFILL. SEE NEW WORK PLANS FOR DETAILS
2' - 10 1/2" +/-
EXST GLAZING SYSTEM TO BE REMOVED
EXST COL (BEYOND)
EXST SHELVING SYSTEM TO REMAIN. PROTECT DURING REMOVALS.
ART ROOM
107
CORRIDOR
C101
EXST DISPLAY CASE OR MURALS TO REMAIN. PROTECT DURING REMOVALS
EXST PARTITION
EXST FLOOR ASSEMBLY
GROUND FLOOR

1 WALL SECTION AT CORRIDOR
AD360 Not to Scale

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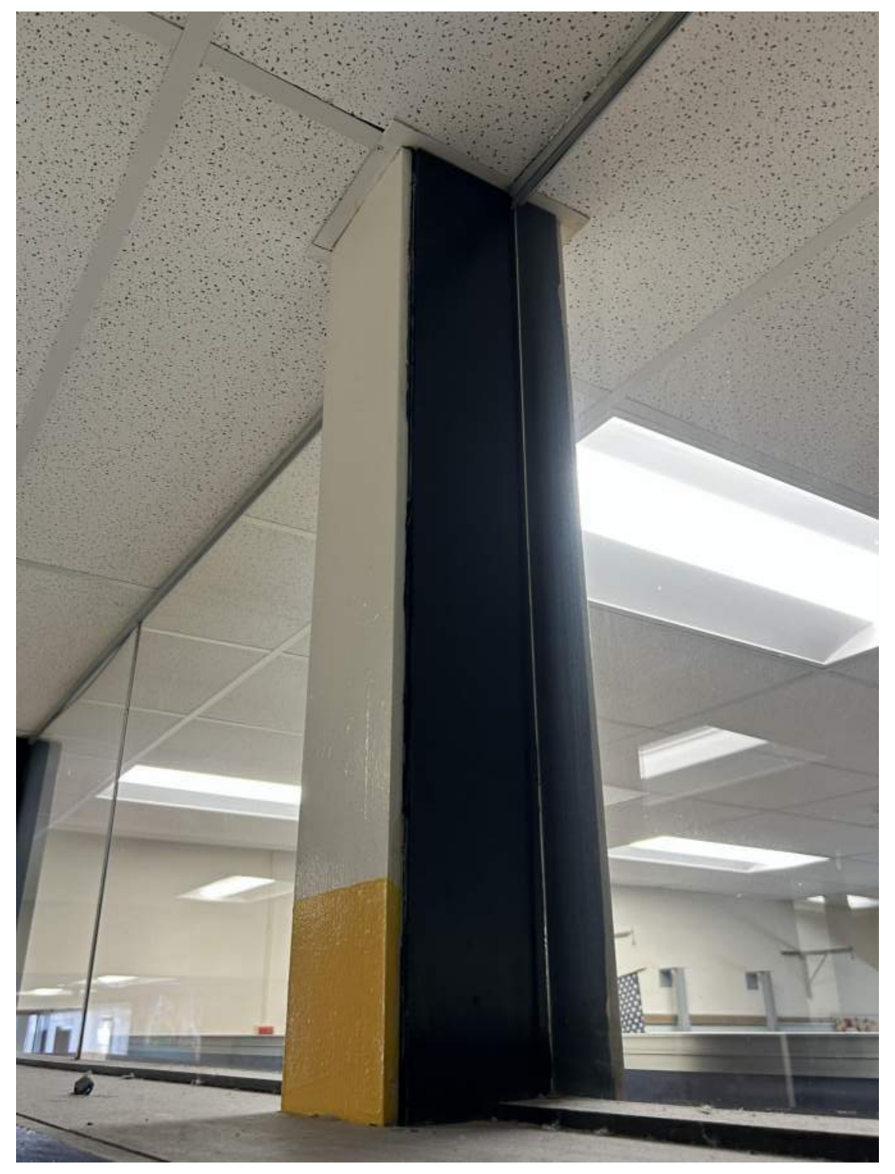
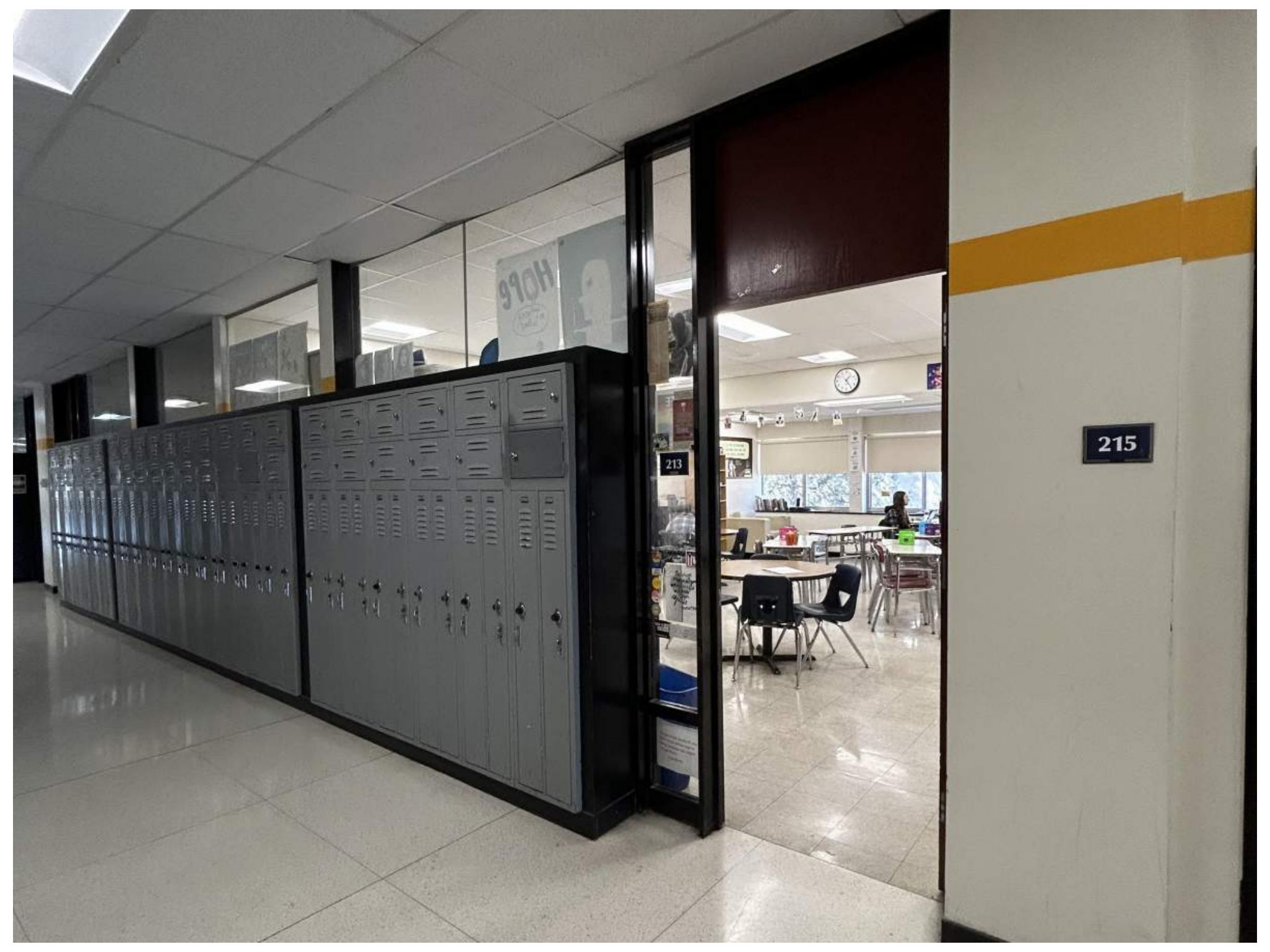
Sheet Title
DEMOLITION DETAILS & EXISTING CONDITION PHOTOS

Sheet No.
WHS
AD360

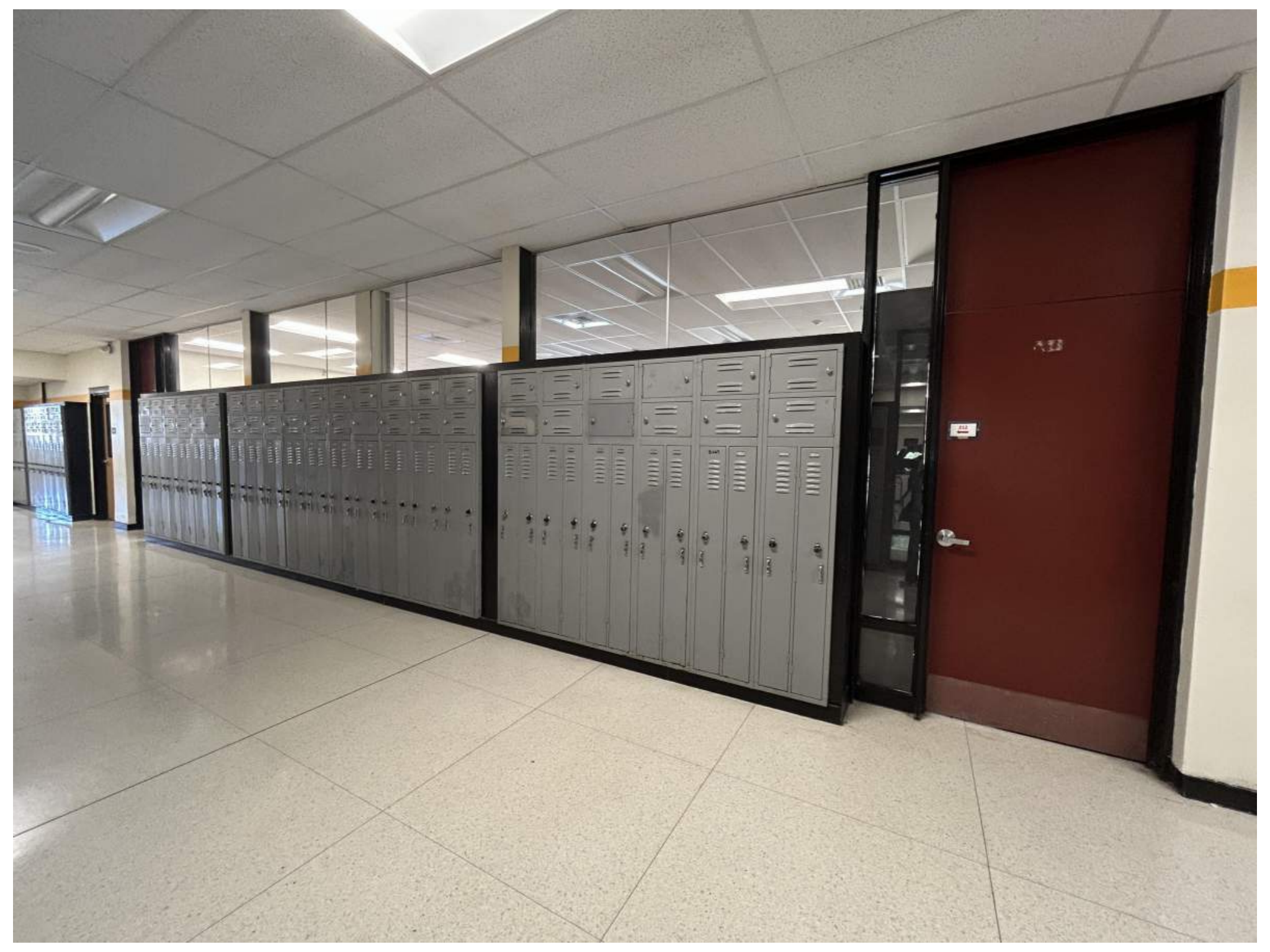
CONSTRUCTION DOCUMENTS



10 EC PHOTO - TYP. GLAZING FRAME
AD361 12" = 1'-0"



9 EC PHOTO - GLAZING AT ROOM 213
AD361 Not to Scale



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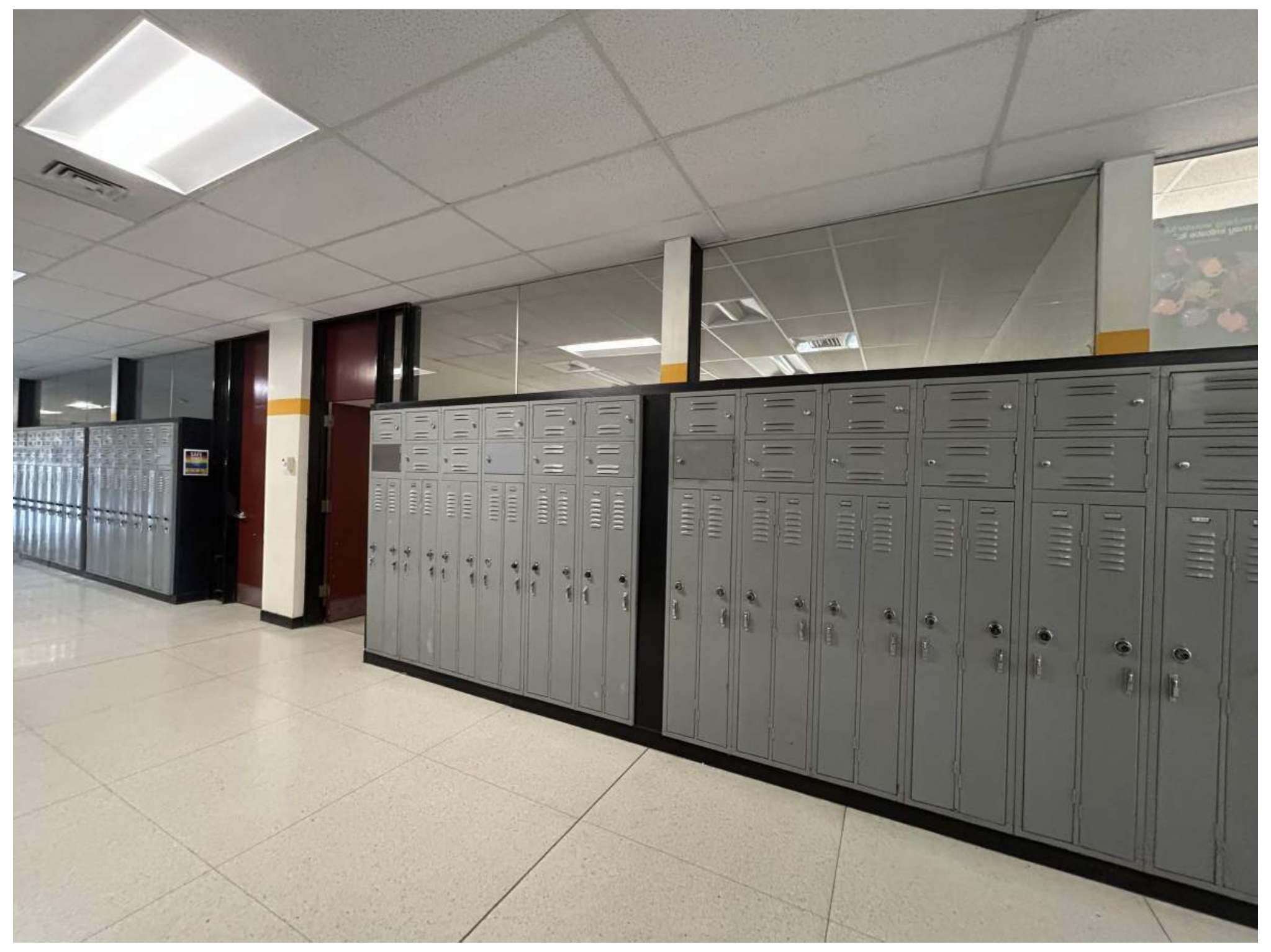

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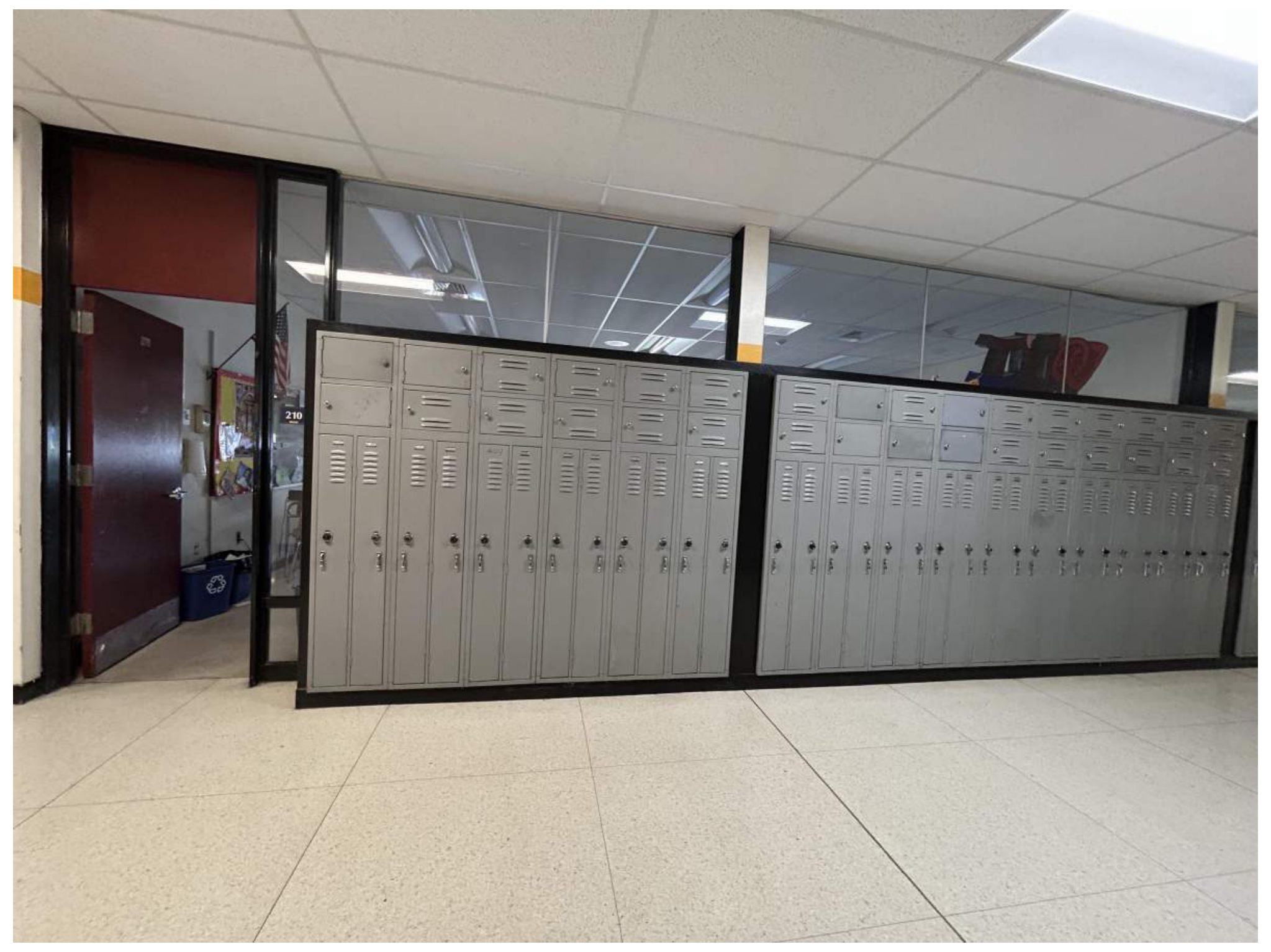
AD361 Not to Scale



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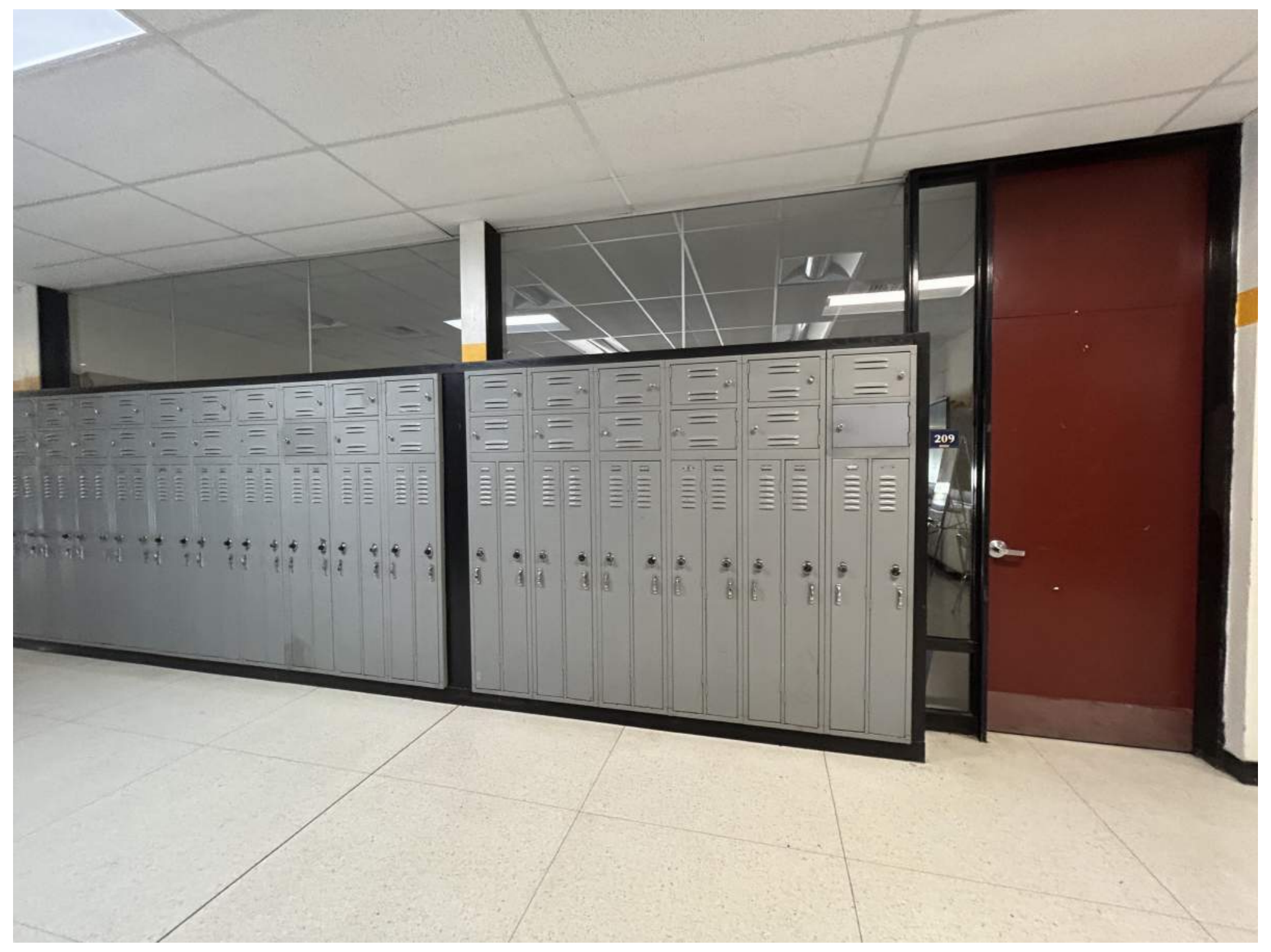

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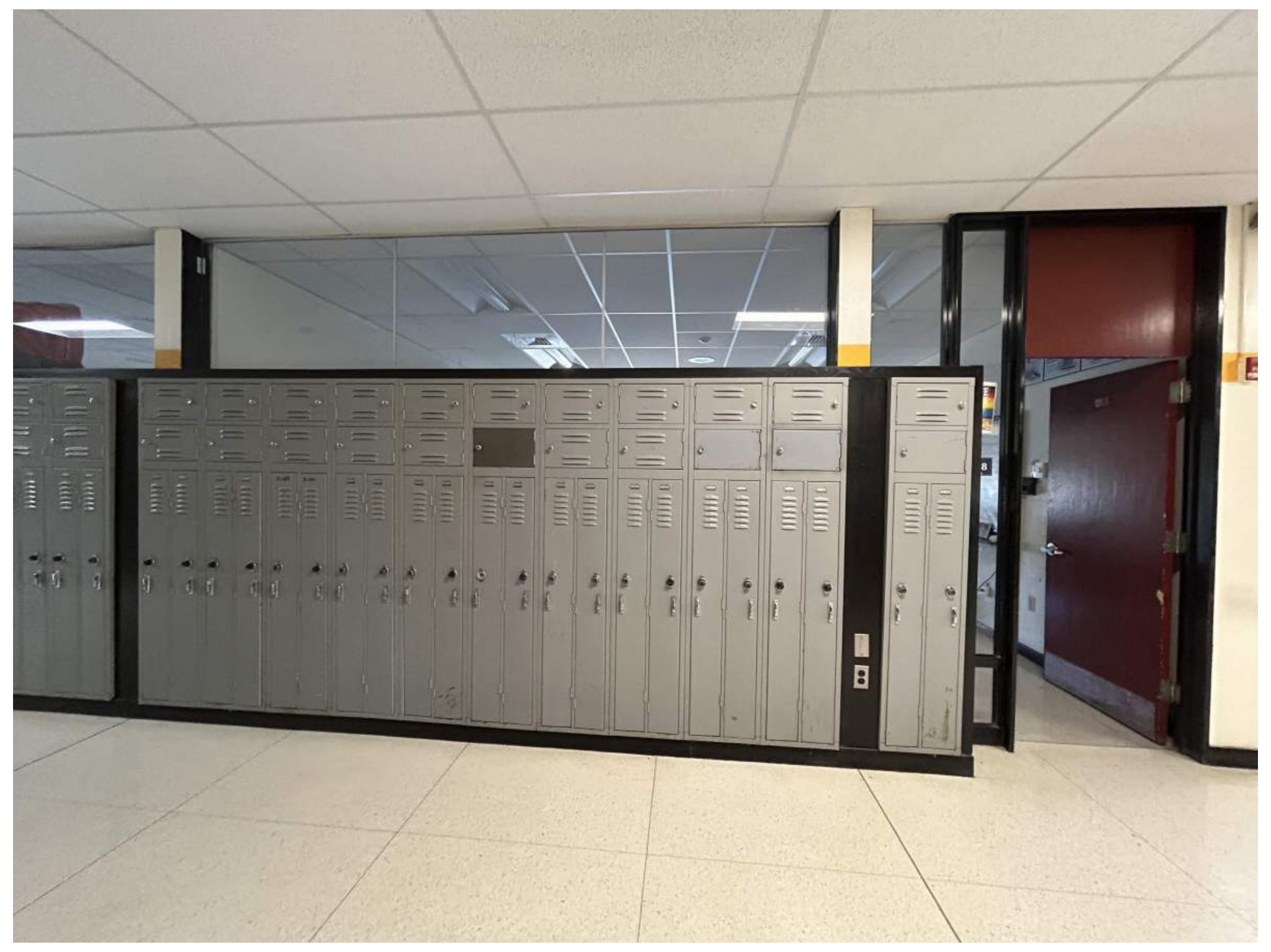

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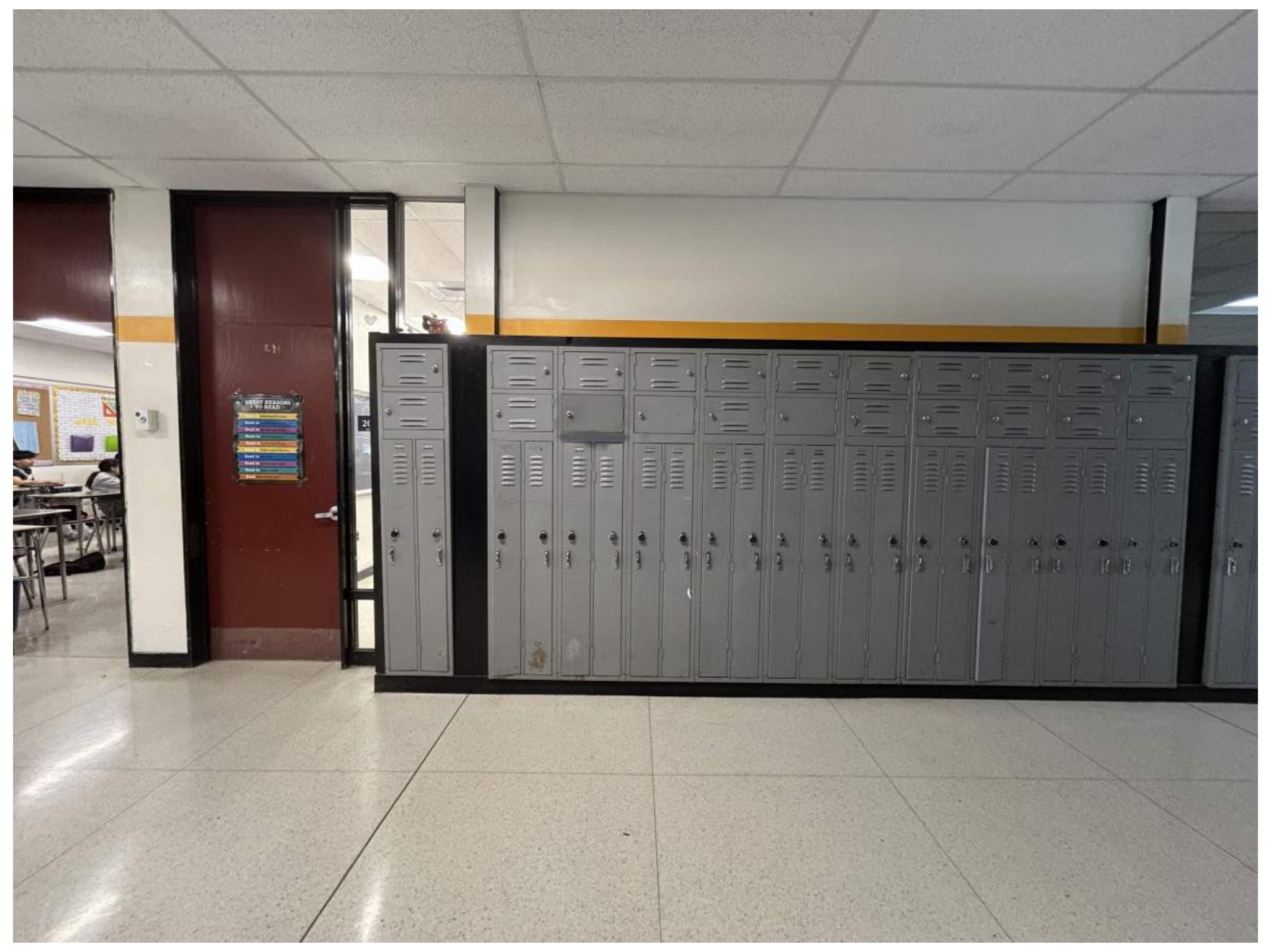

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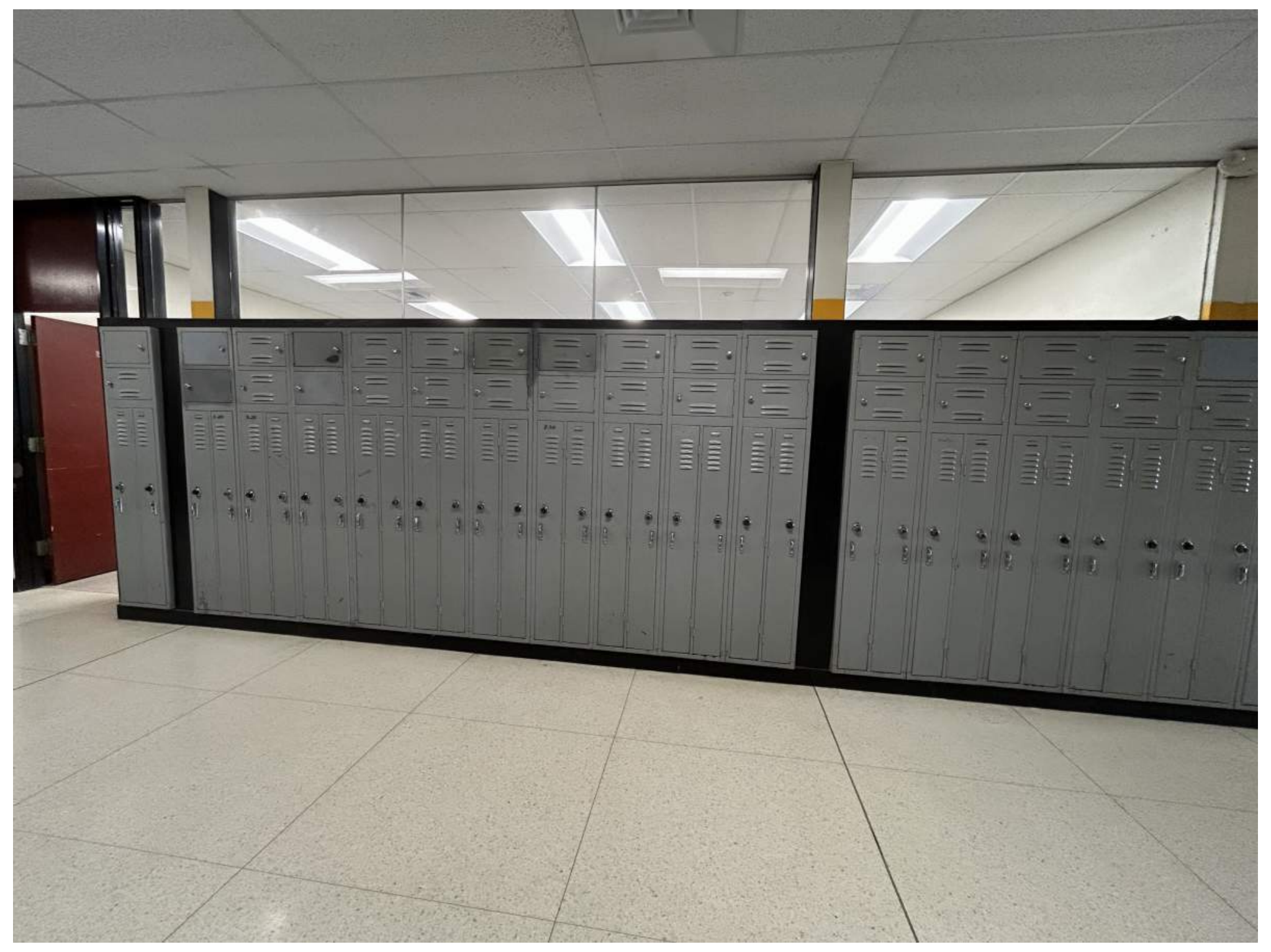

2 EC PHOTO - GLAZING AT ROOM 206
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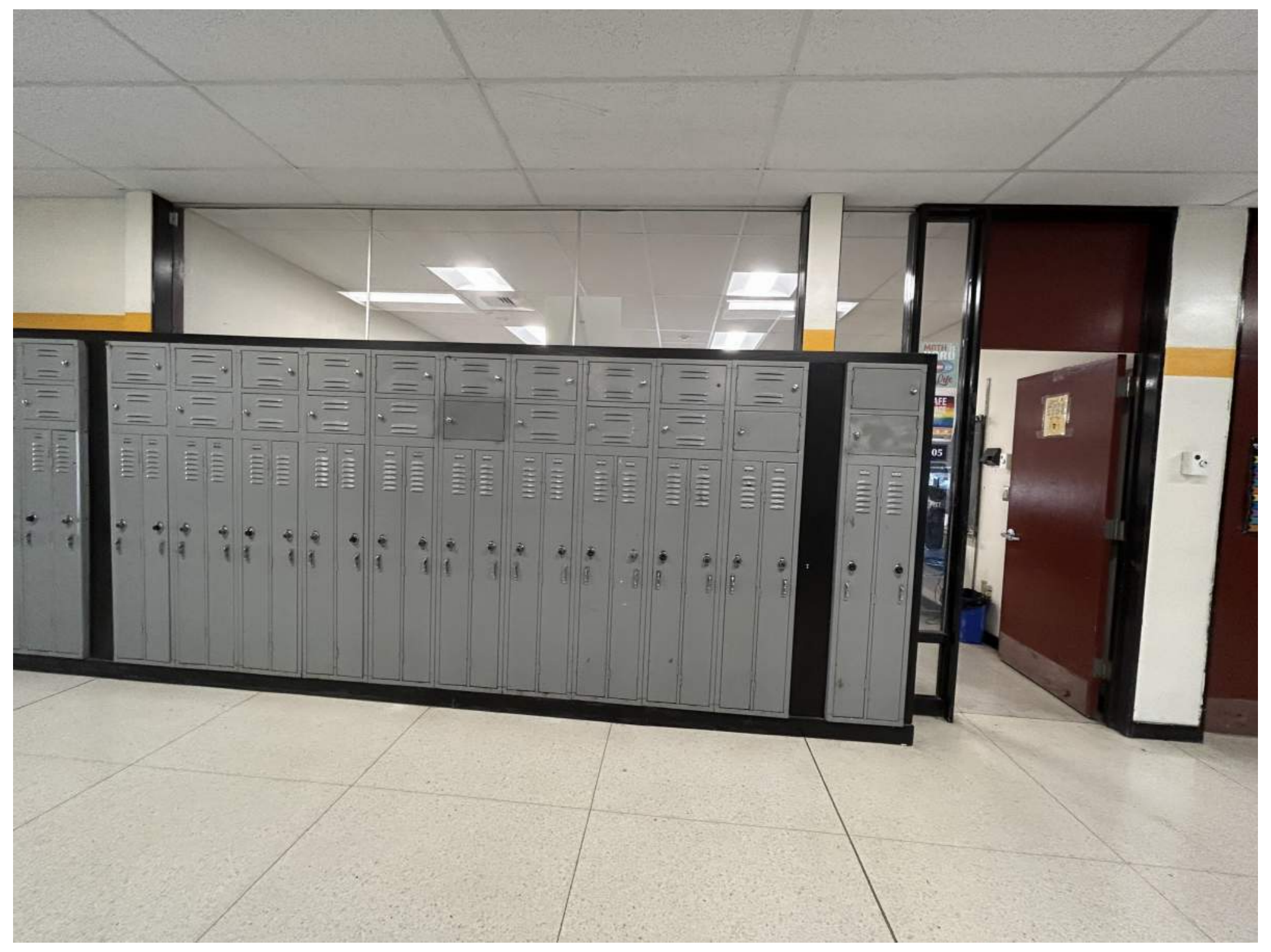

1 EC PHOTO - GLAZING AT ROOM 205
AD361 Not to Scale

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

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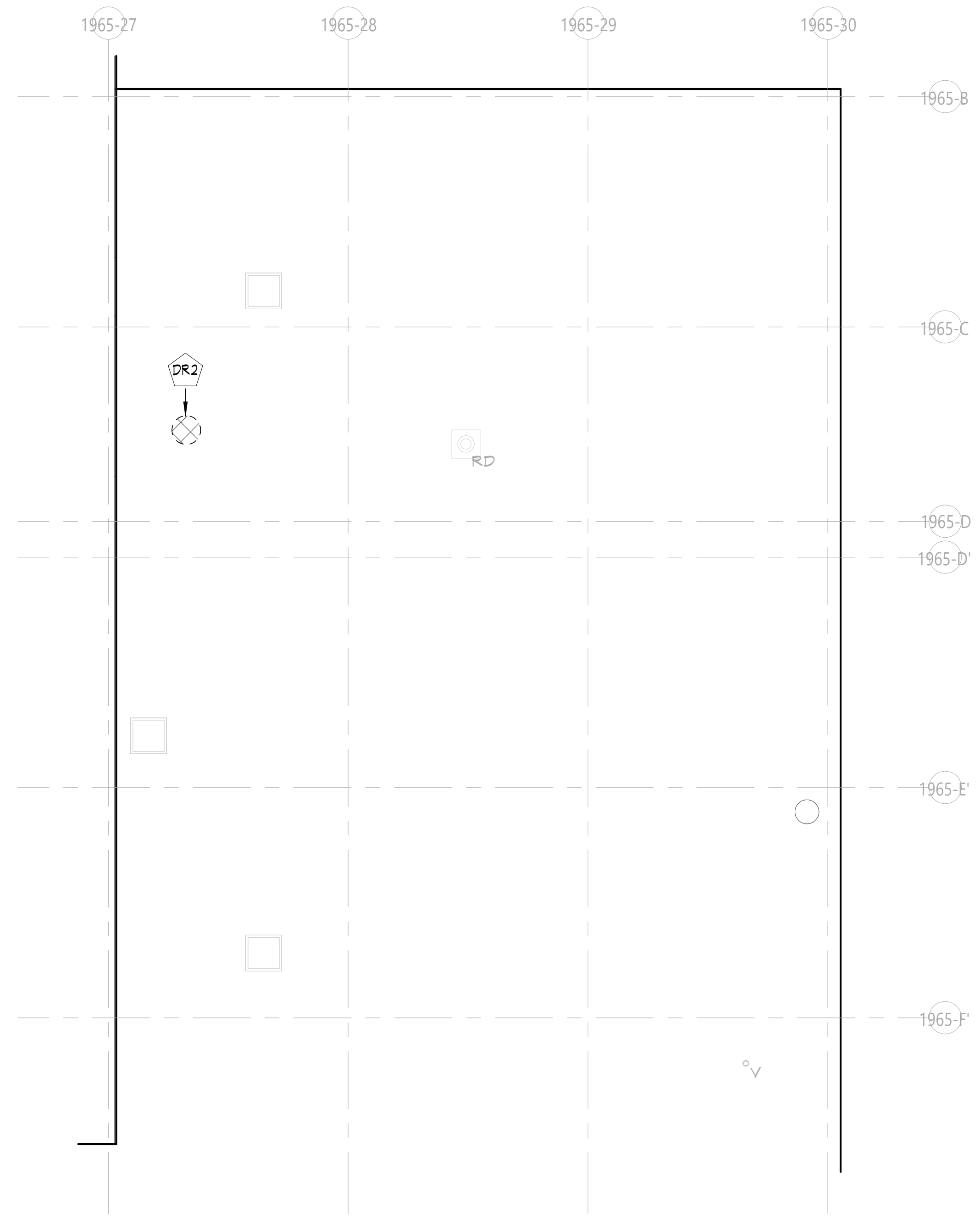
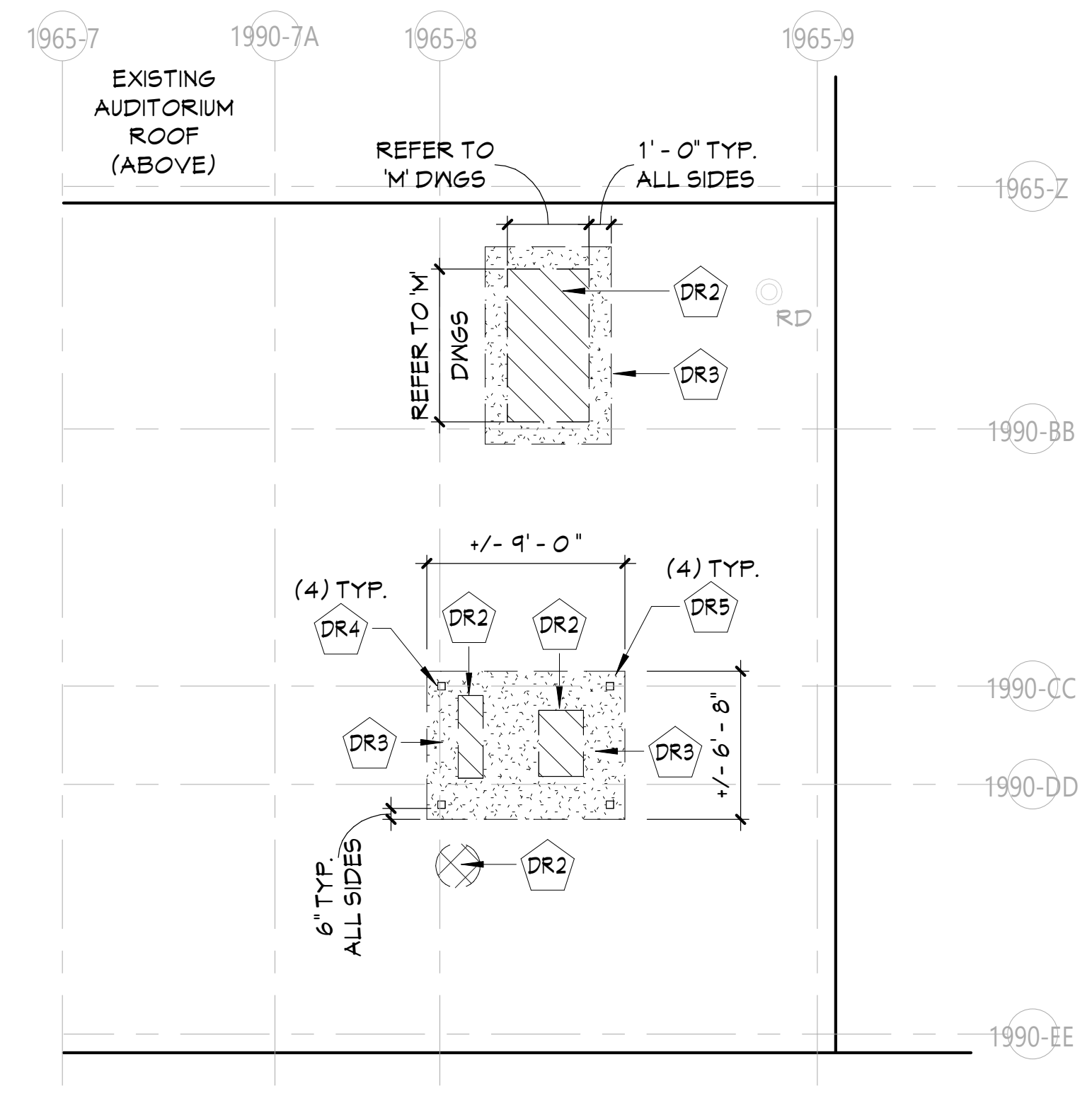
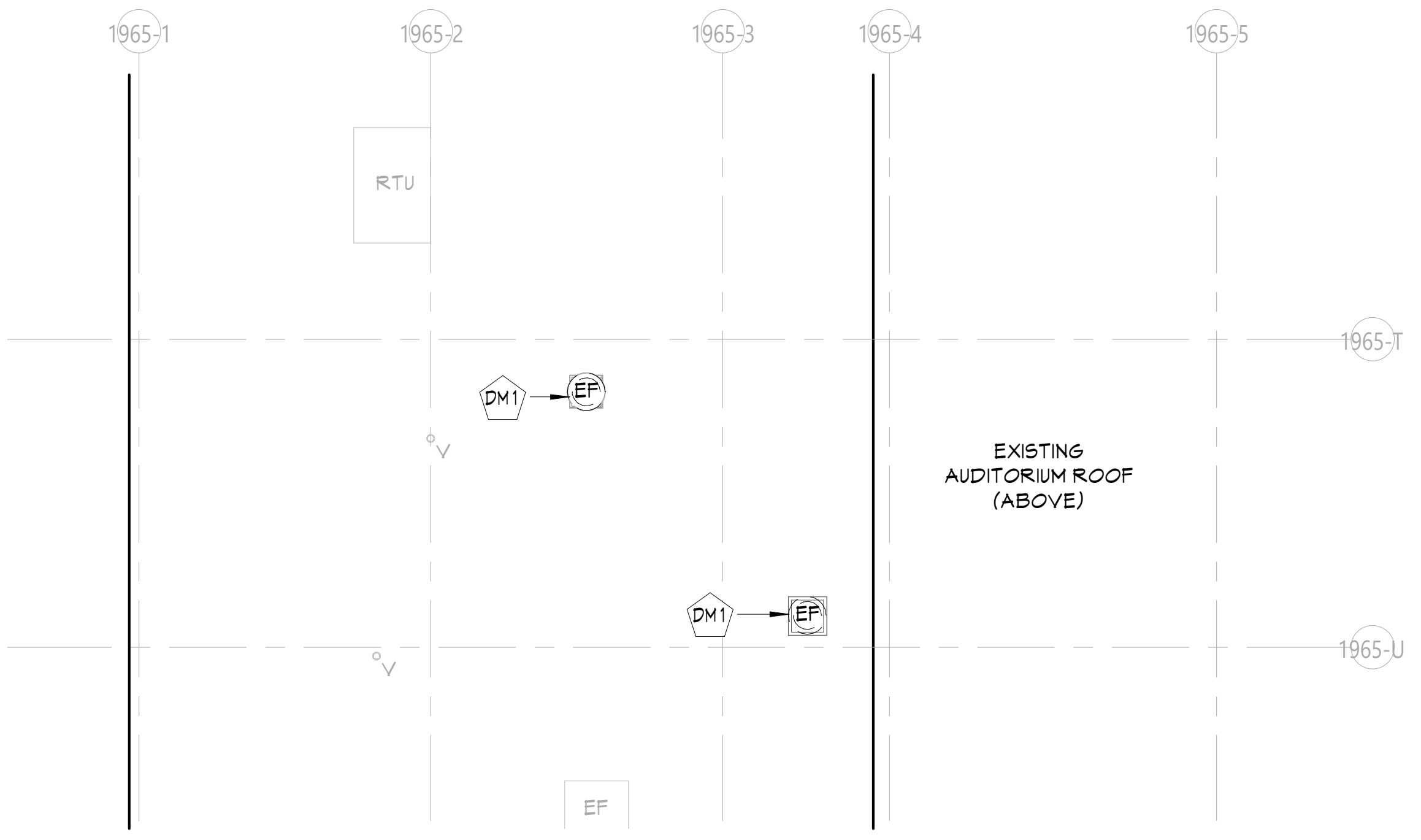


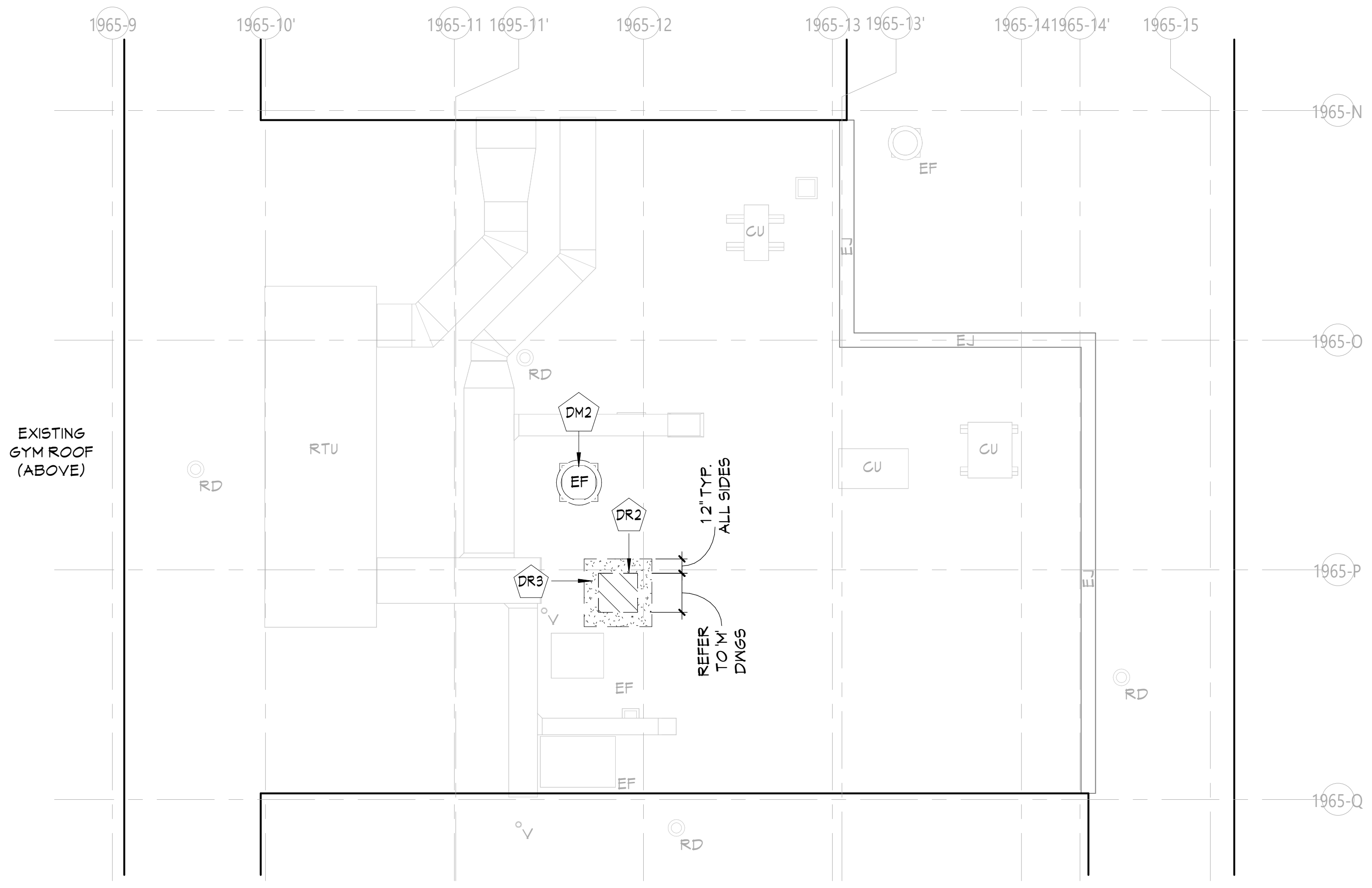
4 BOILER ROOM - DEMOLITION ROOF PLAN
AD401 1/8" = 1'-0"



2 FAN ROOM - DEMOLITION ROOF PLAN
AD401 1/8" = 1'-0"



3 AUDITORIUM TOILETS - DEMOLITION ROOF PLAN
AD401 1/8" = 1'-0"



1 KITCHEN - DEMOLITION ROOF PLAN
AD401 1/8" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○-○	GOOSENECK, COORDINATE W/ MEP DWGS
▭ PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
- - ->	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
▭	SOLAR PANEL, COORDINATE W/ MEP DWGS
▭	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

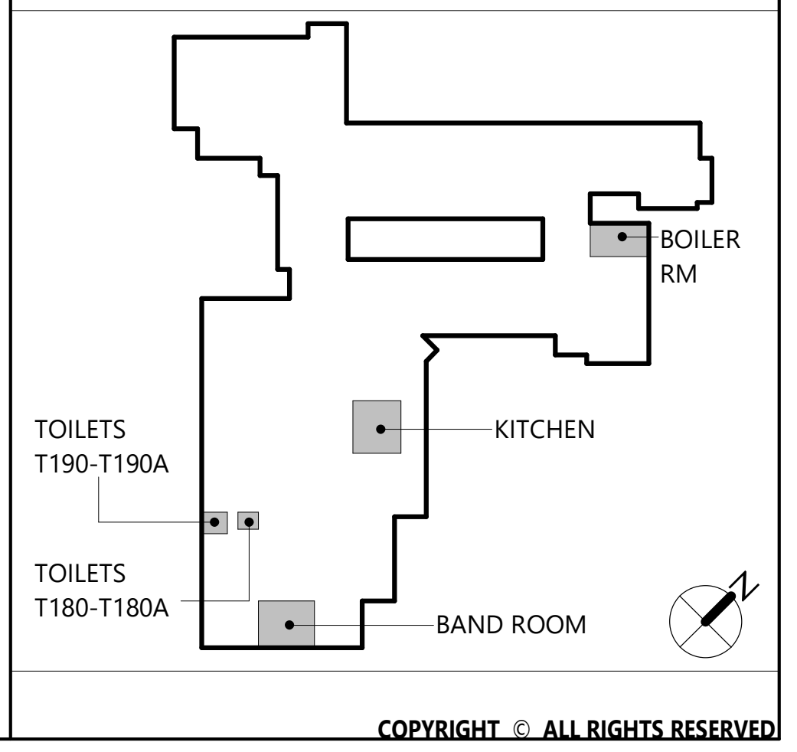
ROOF DEMOLITION LEGEND

▨	PORTION OF EXISTING ROOF ASSEMBLY (INCLUDING ROOF DECK) TO BE REMOVED
░	PORTION OF EXISTING ROOF MEMBRANE AND INSULATION (TO DECK) TO BE REMOVED

DEMOLITION KEYNOTES

	Description
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DM2	MECHANICAL ROOF TOP UNIT. COORDINATE WITH MECHANICAL DRAWINGS.
DR2	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING FOR MECHANICAL OR PLUMBING WORK. COORDINATE WITH STRUCTURAL, MECHANICAL & PLUMBING DRAWINGS.
DR3	REMOVE 12" MINIMUM OF EXISTING ROOFING SYSTEM AROUND THE PERIMETER OF NEW ROOF OPENING FOR MECHANICAL WORK. COORDINATE WITH MECHANICAL DRAWINGS.
DR4	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING FOR STRUCTURAL WORK. COORDINATE WITH STRUCTURAL DRAWINGS.
DR5	REMOVE 6" MINIMUM OF EXISTING ROOFING SYSTEM AROUND THE PERIMETER OF NEW ROOF OPENING FOR STRUCTURAL WORK. COORDINATE WITH STRUCTURAL DRAWINGS.

KEY PLAN



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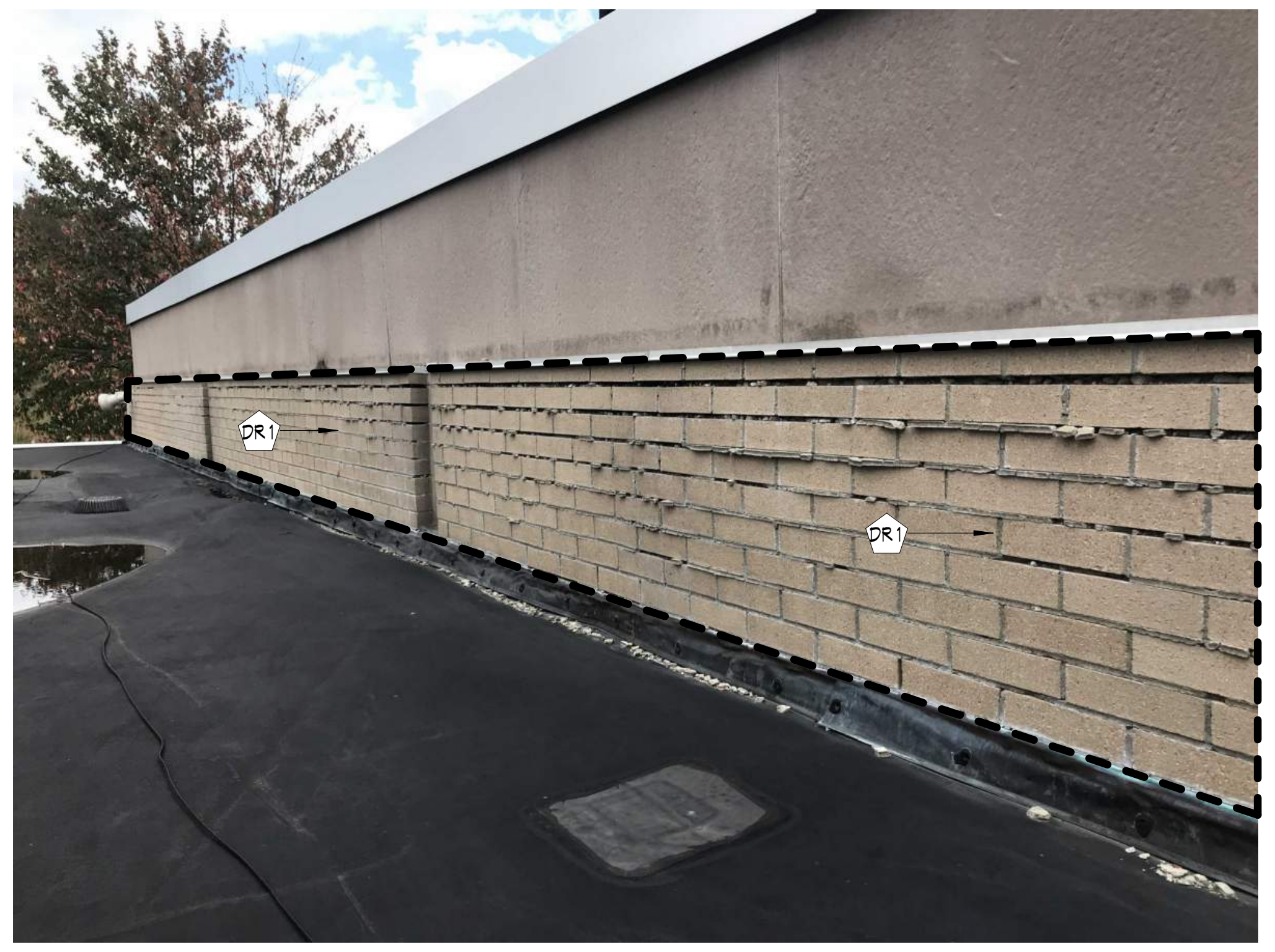
PARTIAL ROOF
DEMOLITION
PLANS

Sheet No.

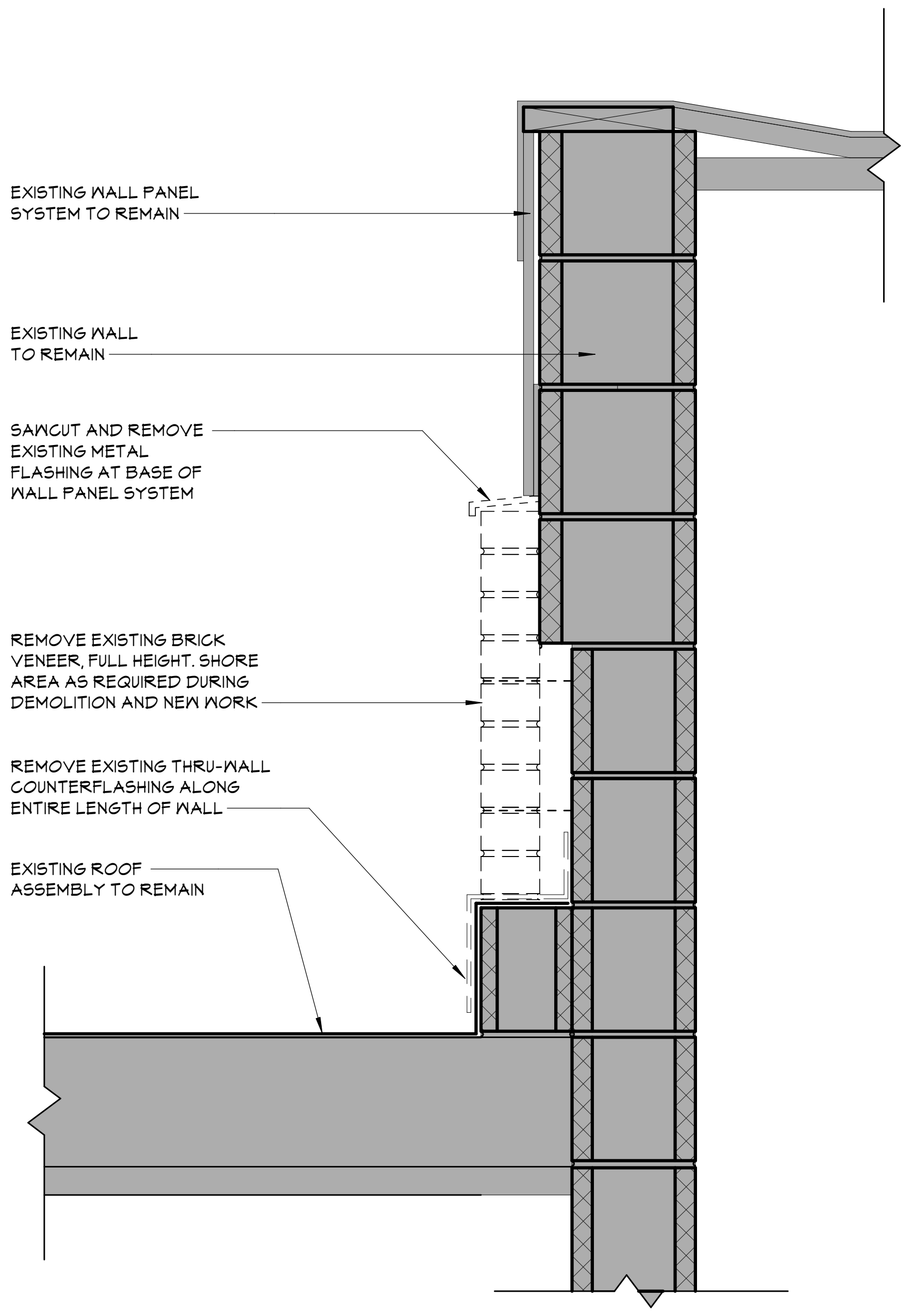
WHS
AD401

CONSTRUCTION DOCUMENTS

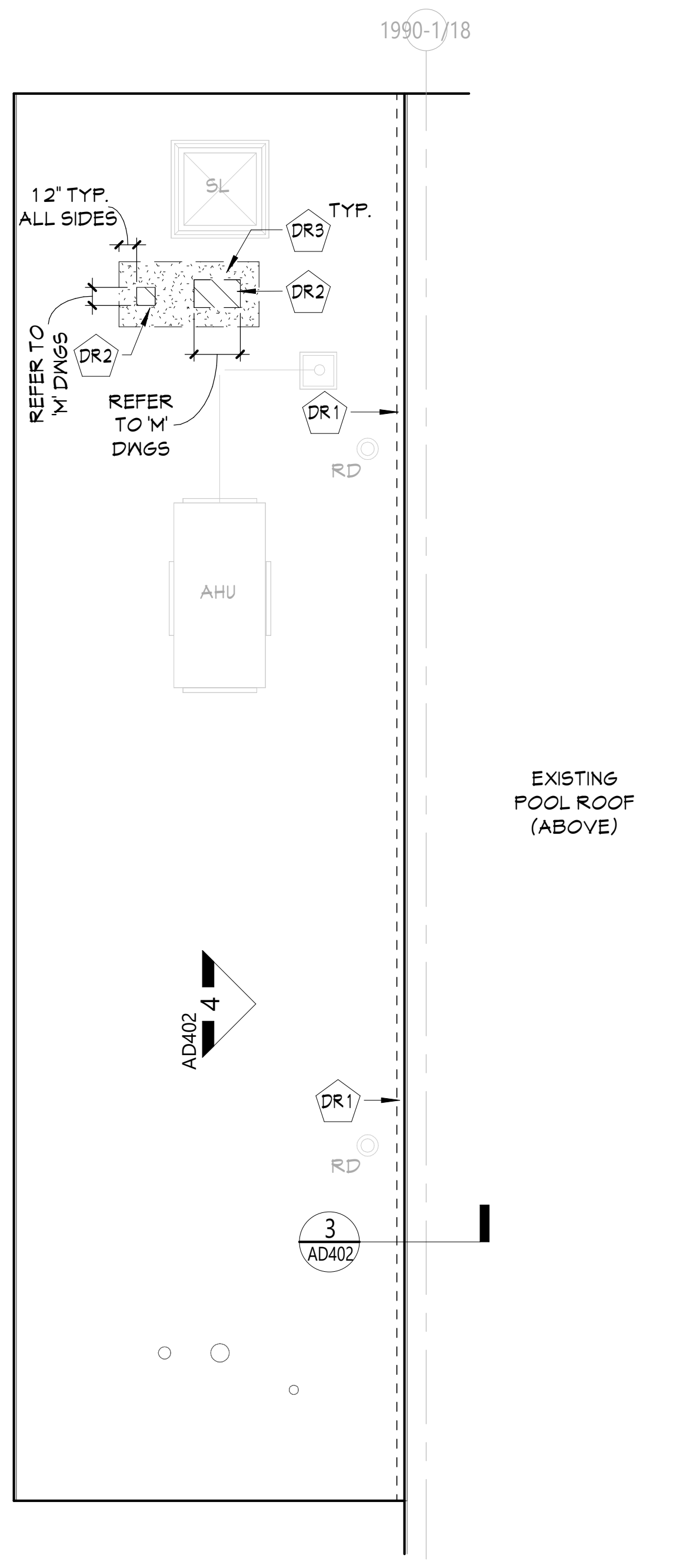
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



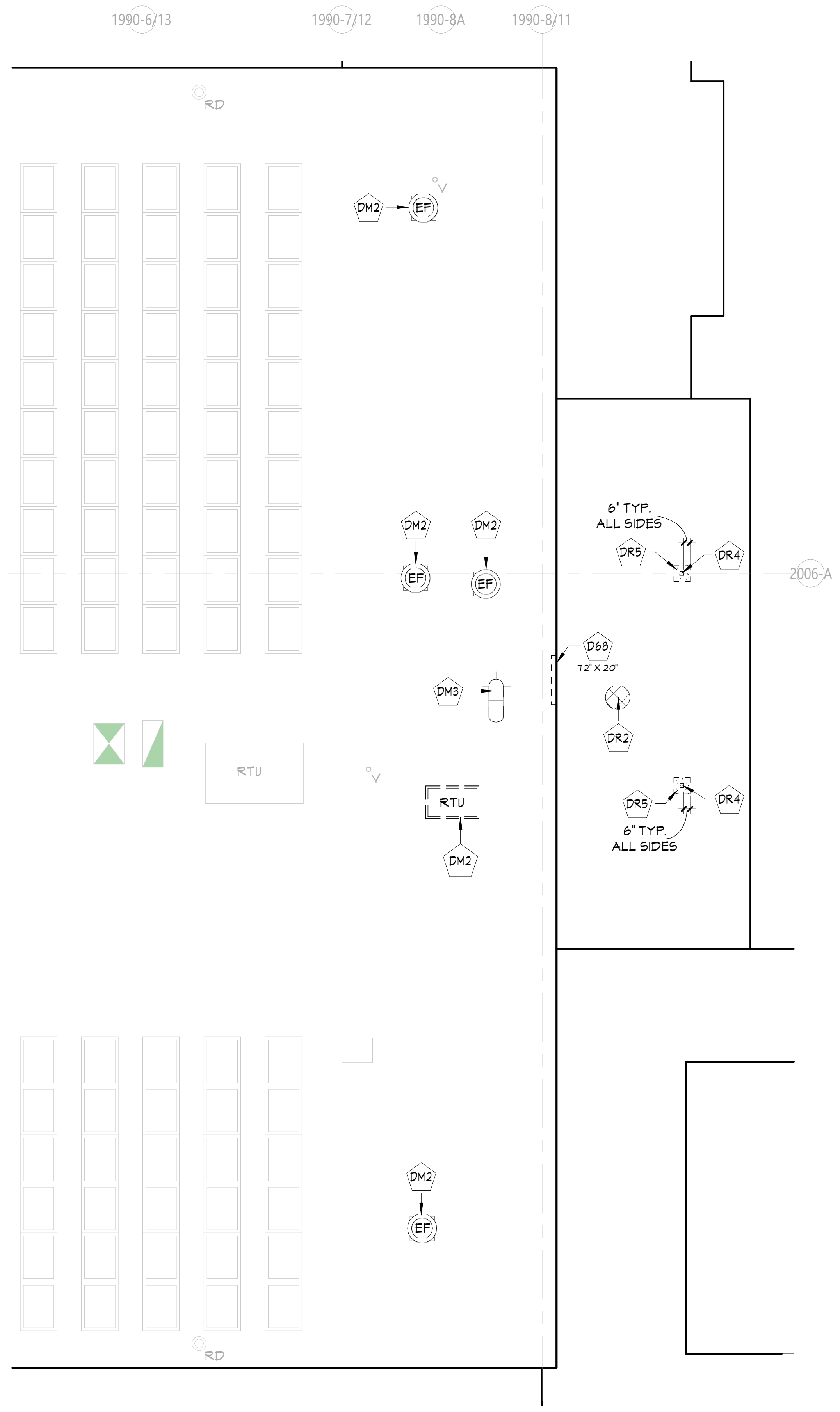
4 EC PHOTO - POOL FAN ROOM ROOF
AD402 Not to Scale


EXISTING WALL PANEL SYSTEM TO REMAIN
EXISTING WALL TO REMAIN
SAWCUT AND REMOVE EXISTING METAL FLASHING AT BASE OF WALL PANEL SYSTEM
REMOVE EXISTING BRICK VENEER, FULL HEIGHT. SHORE AREA AS REQUIRED DURING DEMOLITION AND NEW WORK
REMOVE EXISTING THRU-WALL COUNTERFLASHING ALONG ENTIRE LENGTH OF WALL
EXISTING ROOF ASSEMBLY TO REMAIN

3 WALL SECTION DETAIL AT ROOF
AD402 1 1/2" = 1'-0"



2 POOL FAN ROOM - DEMOLITION ROOF PLAN
AD402 1/8" = 1'-0"



1 SPECTATOR TOILETS - DEMOLITION ROOF PLAN
AD402 1/8" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○○	GOOSENECK, COORDINATE W/ MEP DWGS
PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
- - ->	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
▭	SOLAR PANEL, COORDINATE W/ MEP DWGS
▭	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

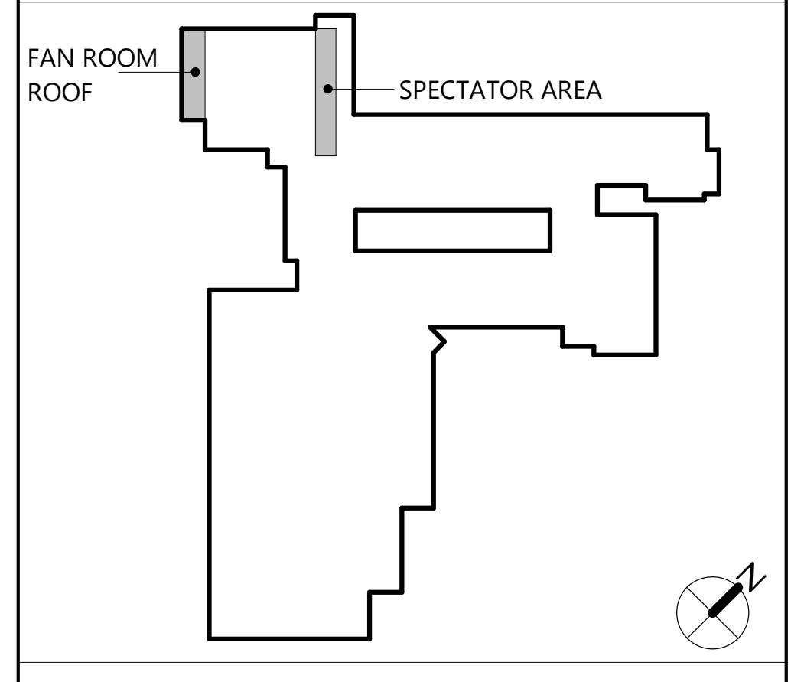
ROOF DEMOLITION LEGEND

▨	PORTION OF EXISTING ROOF ASSEMBLY (INCLUDING ROOF DECK) TO BE REMOVED
░	PORTION OF EXISTING ROOF MEMBRANE AND INSULATION (TO DECK) TO BE REMOVED

DEMOLITION KEYNOTES

	Description
D68	REMOVE EXISTING LOUVER IN ITS ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.
DM2	MECHANICAL ROOF TOP UNIT. COORDINATE WITH MECHANICAL DRAWINGS.
DM3	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
DR1	REMOVE EXISTING BRICK VENEER AND COUNTERFLASHING AT BASE OF WALL TO EXPOSE CMU BACKUP. COORDINATE WITH NEW WORK.
DR2	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING FOR MECHANICAL OR PLUMBING WORK. COORDINATE WITH STRUCTURAL, MECHANICAL & PLUMBING DRAWINGS.
DR3	REMOVE 12" MINIMUM OF EXISTING ROOFING SYSTEM AROUND THE PERIMETER OF NEW ROOF OPENING FOR MECHANICAL WORK. COORDINATE WITH MECHANICAL DRAWINGS.
DR4	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING FOR STRUCTURAL WORK. COORDINATE WITH STRUCTURAL DRAWINGS.
DR5	REMOVE 6" MINIMUM OF EXISTING ROOFING SYSTEM AROUND THE PERIMETER OF NEW ROOF OPENING FOR STRUCTURAL WORK. COORDINATE WITH STRUCTURAL DRAWINGS.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
PARTIAL ROOF DEMOLITION PLANS

Sheet No.
WHS AD402

CONSTRUCTION DOCUMENTS

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

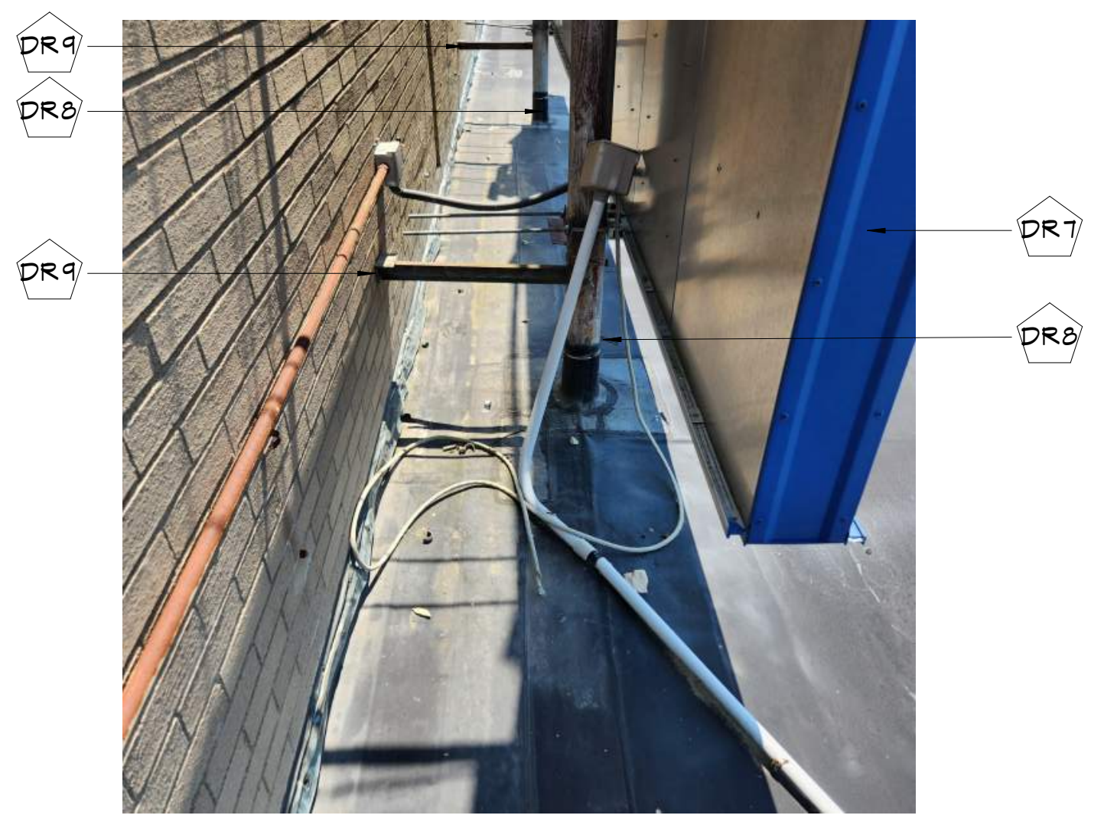
⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○□○	GOOSENECK, COORDINATE W/ MEP DWGS
⬚ PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠ ⬚	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
- - ->	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
⬚	SOLAR PANEL, COORDINATE W/ MEP DWGS
⬚	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

ROOF DEMOLITION LEGEND

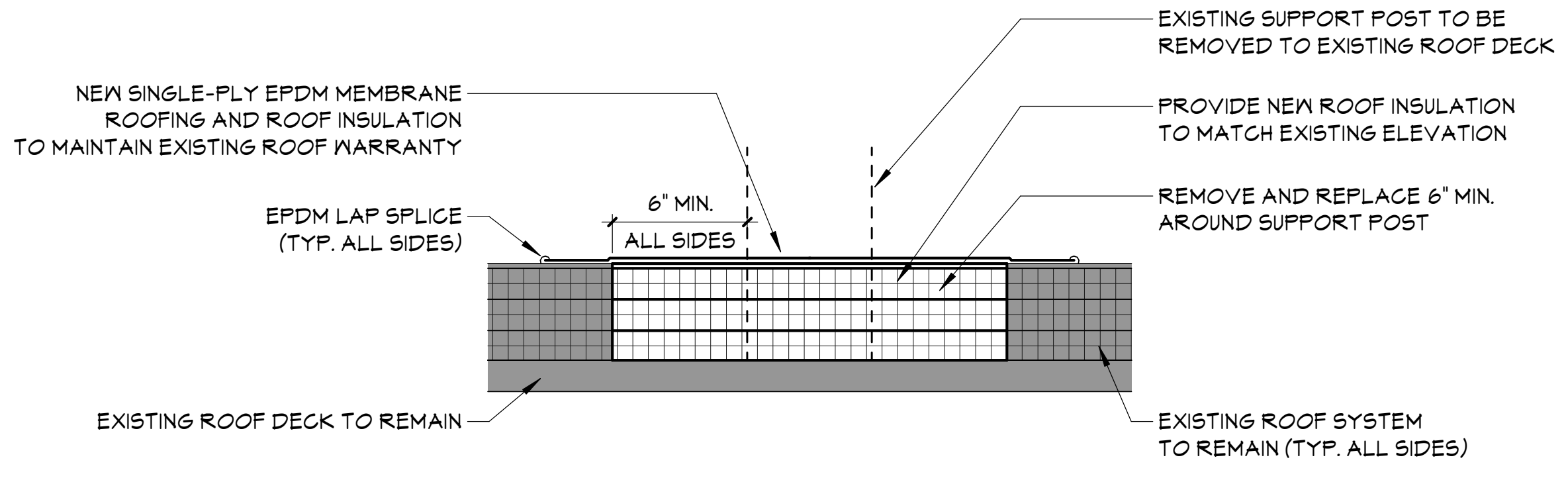
▨	PORTION OF EXISTING ROOF ASSEMBLY (INCLUDING ROOF DECK) TO BE REMOVED
░	PORTION OF EXISTING ROOF MEMBRANE AND INSULATION (TO DECK) TO BE REMOVED

DEMOLITION KEYNOTES

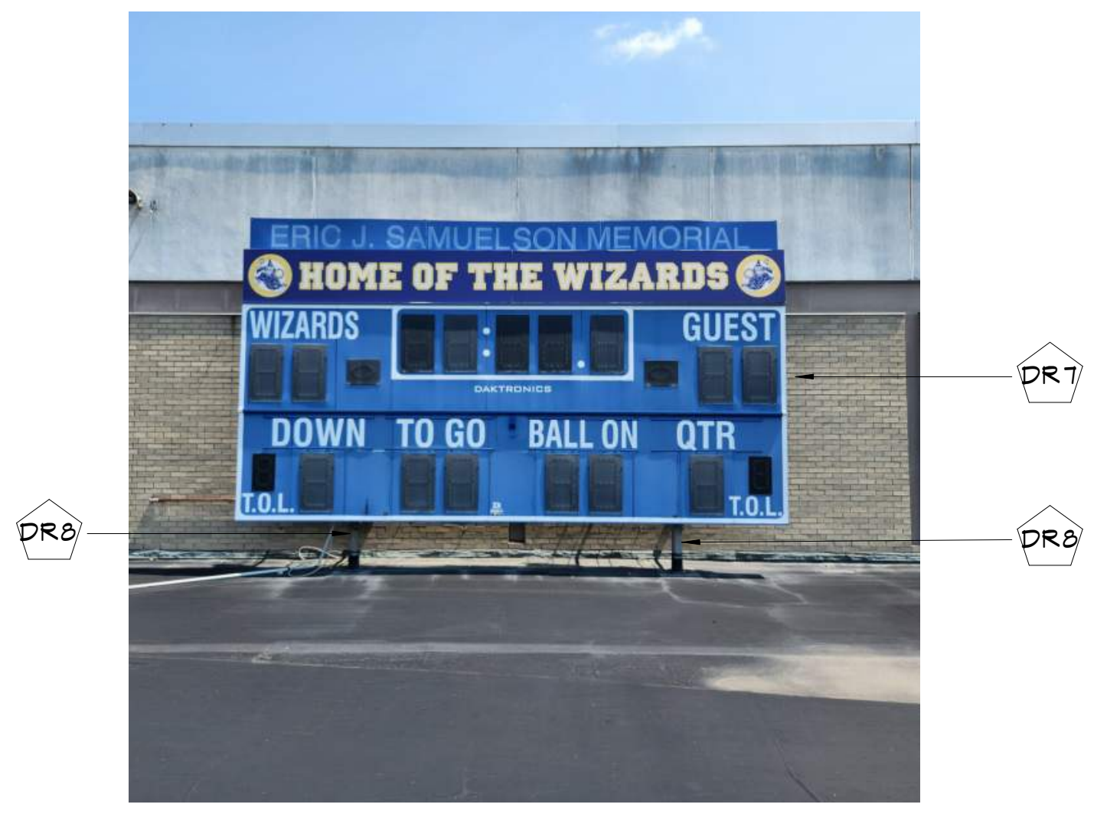
	Description
DR7	REMOVE EXISTING ROOF MOUNTED SCOREBOARD IN ITS ENTIRETY AND TURN OVER TO SITE CONTRACTOR FOR REINSTALLATION AT MIDDLE SCHOOL.
DR8	REMOVE EXISTING ROOF MOUNTED POSTS SUPPORTING SCOREBOARD. INFILL/PATCH ROOF AFTER REMOVAL. REFER TO ROOF DETAILS.
DR9	REMOVE EXISTING WALL MOUNTED BRACES SUPPORTING SCOREBOARD. PATCH EXTERIOR WALL AFTER REMOVAL.



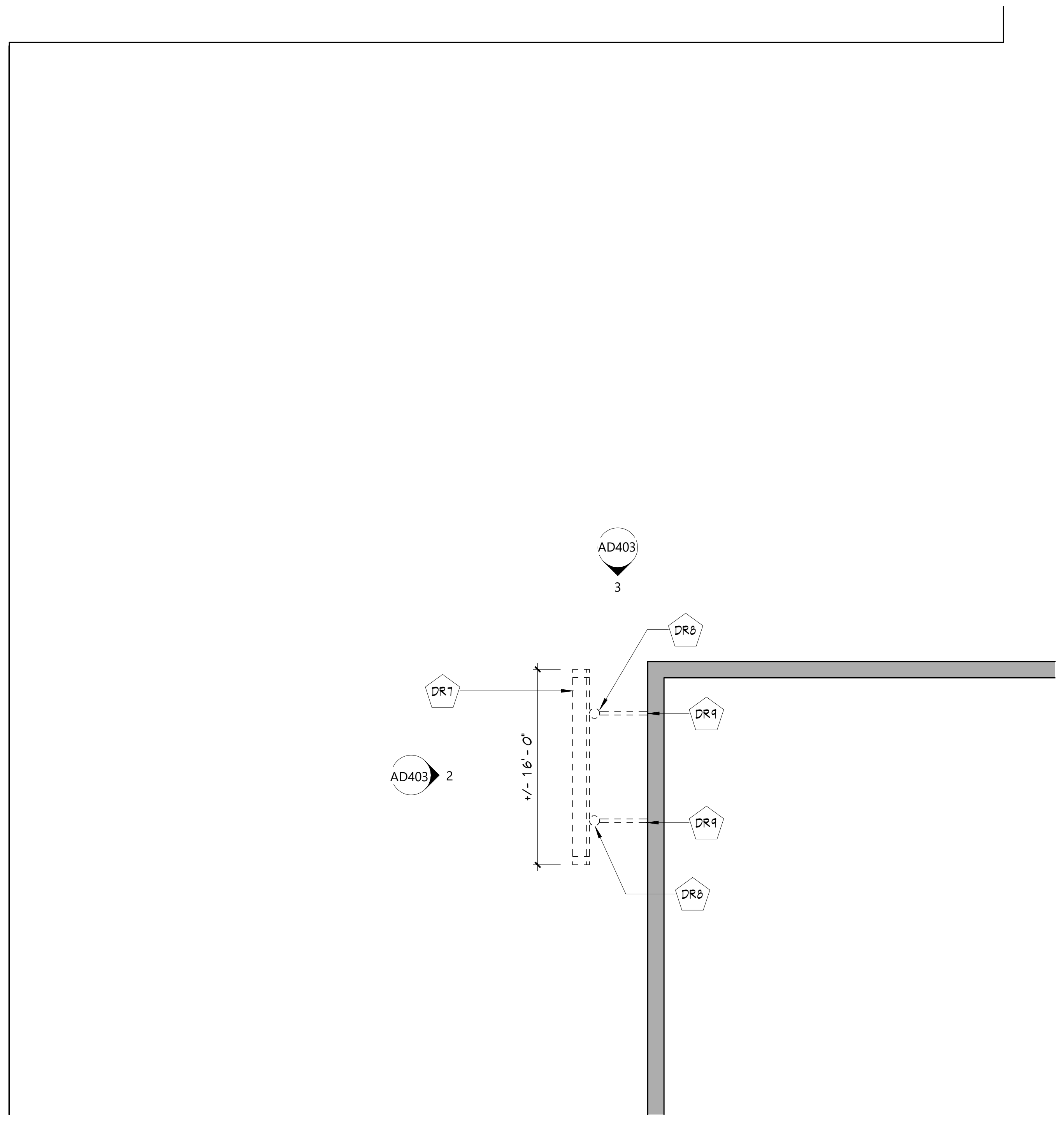
3 EXISTING SCOREBOARD PHOTO B
AD403 Not to Scale


NEW SINGLE-PLY EPDM MEMBRANE ROOFING AND ROOF INSULATION TO MAINTAIN EXISTING ROOF WARRANTY
EPDM LAP SPLICE (TYP. ALL SIDES)
6" MIN.
ALL SIDES
EXISTING ROOF DECK TO REMAIN
EXISTING SUPPORT POST TO BE REMOVED TO EXISTING ROOF DECK
PROVIDE NEW ROOF INSULATION TO MATCH EXISTING ELEVATION
REMOVE AND REPLACE 6" MIN. AROUND SUPPORT POST
EXISTING ROOF SYSTEM TO REMAIN (TYP. ALL SIDES)

4 ROOF PATCH DETAIL
AD403 1 1/2" = 1'-0"

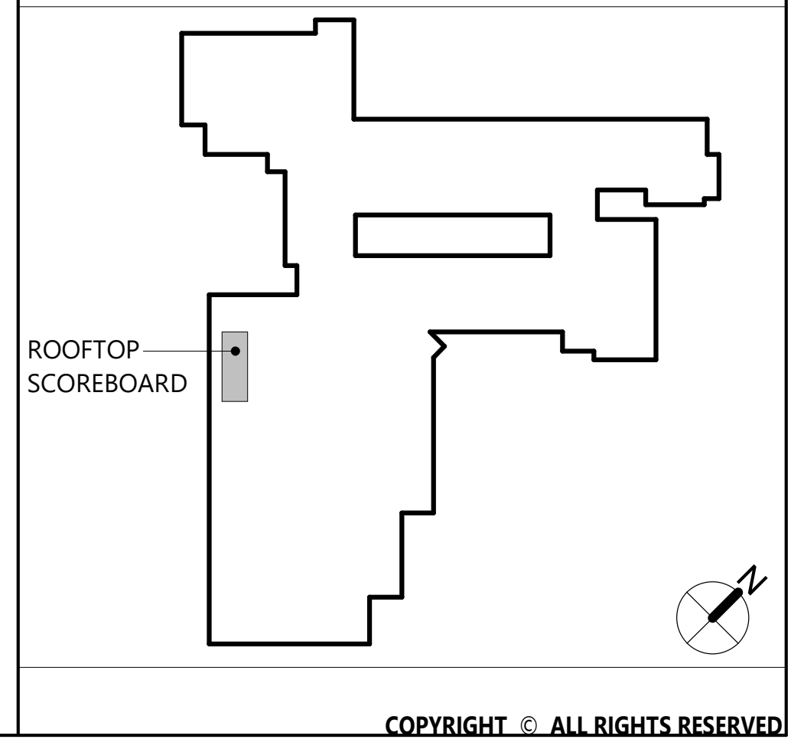


2 EXISTING SCOREBOARD PHOTO A
AD403 Not to Scale



1 PARTIAL ROOF DEMOLITION PLAN - SCOREBOARD
AD403 1/8" = 1'-0"

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
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PARTIAL ROOF DEMOLITION PLANS, PHOTOS, & DETAILS

Sheet No.
WHS AD403

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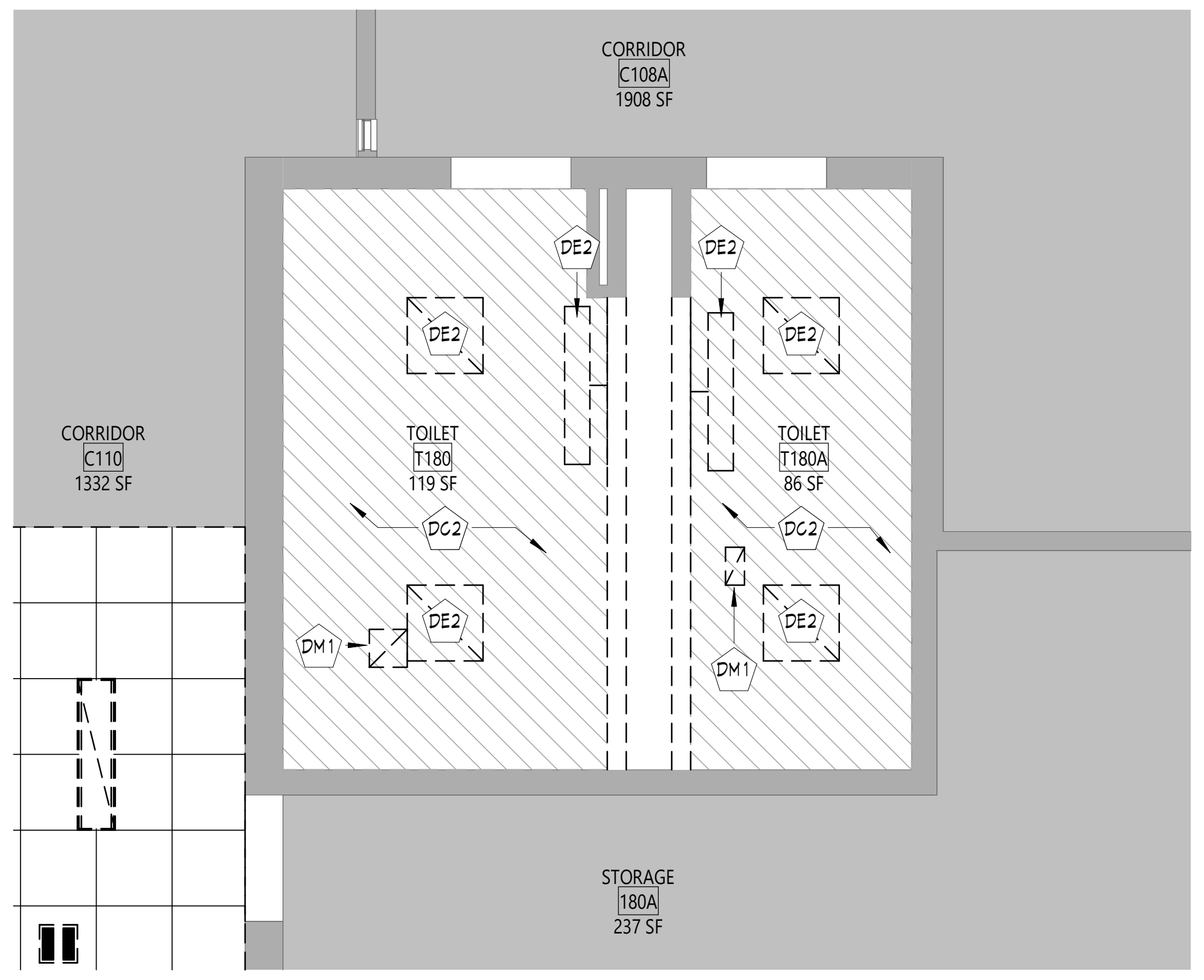
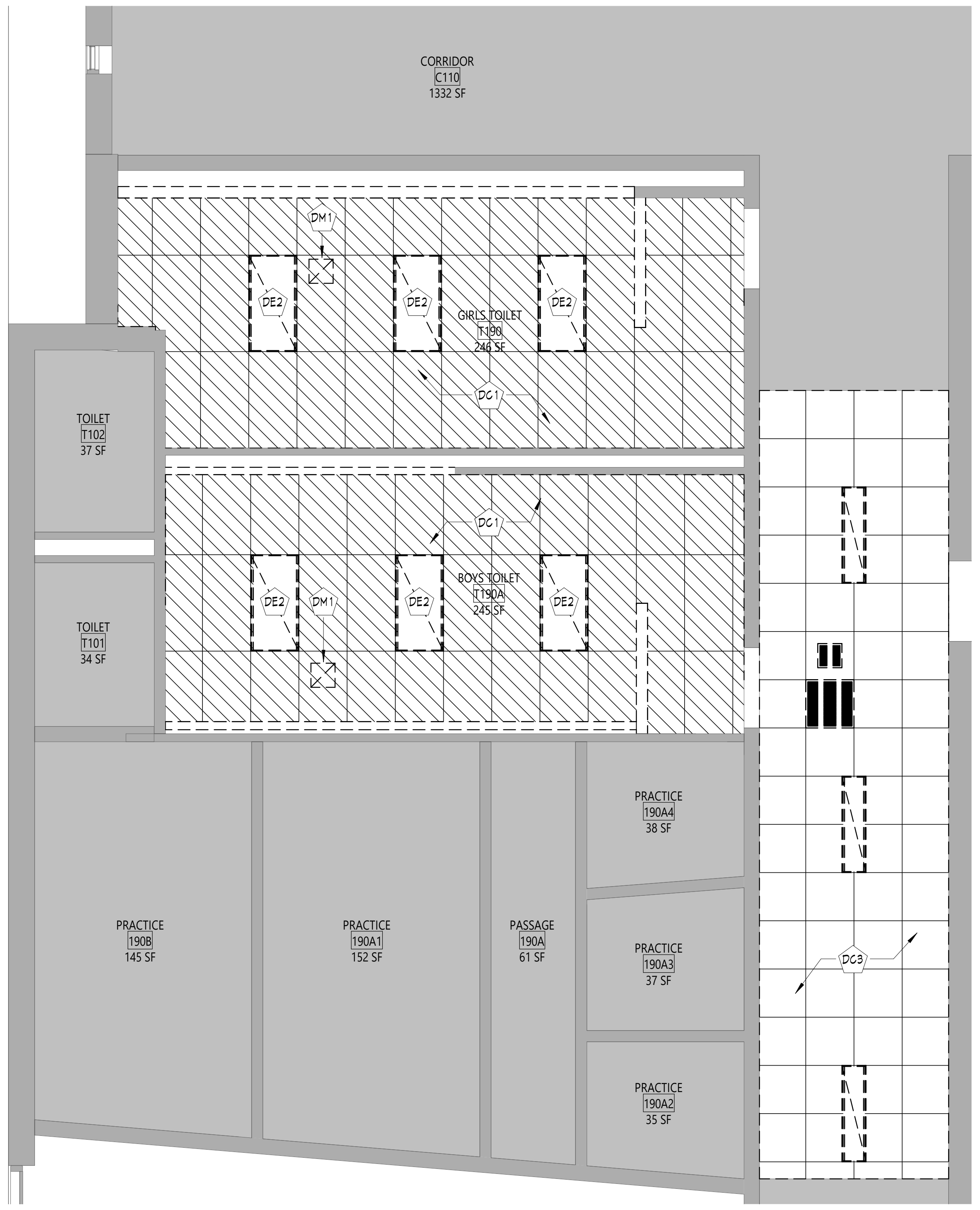
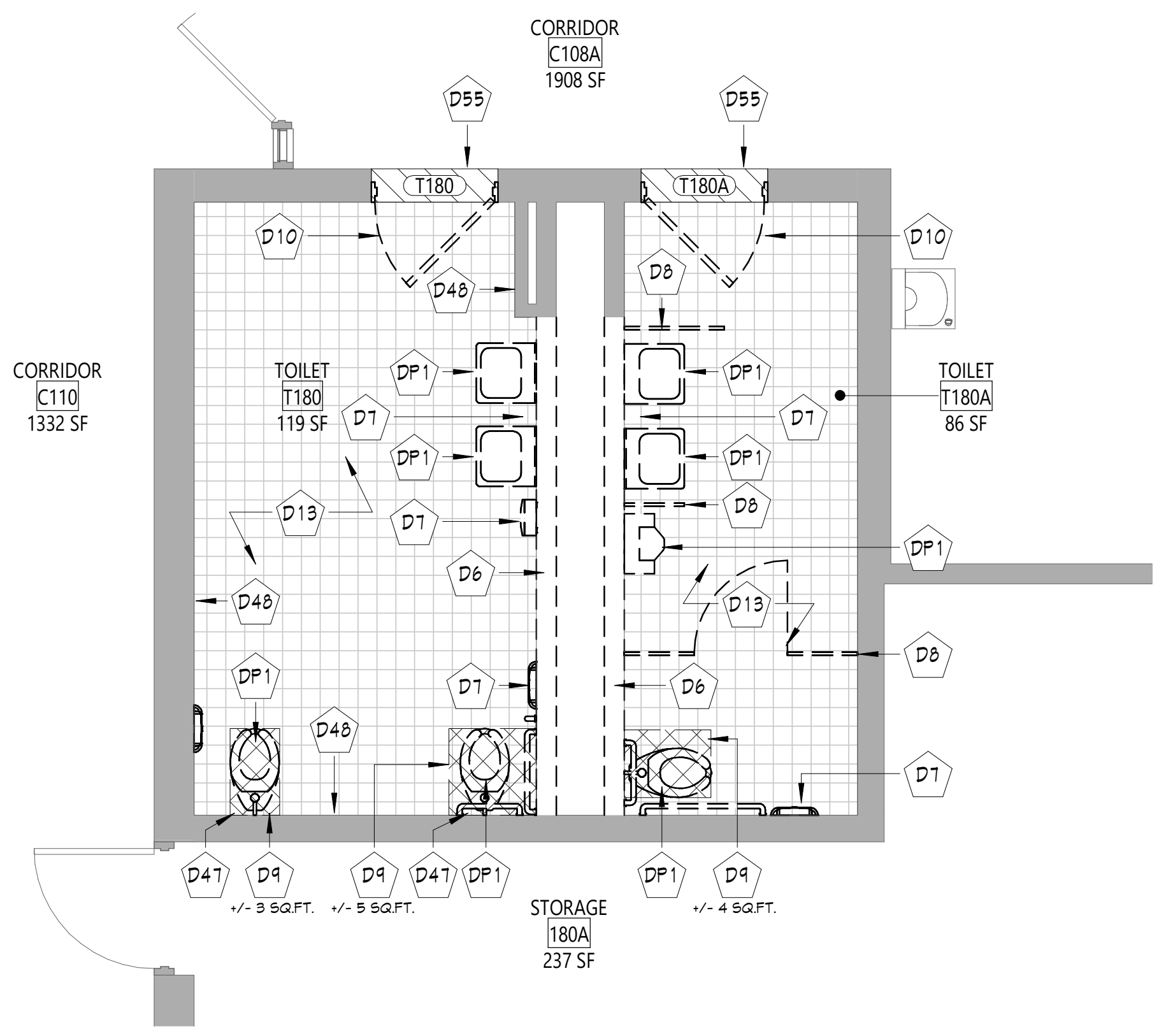


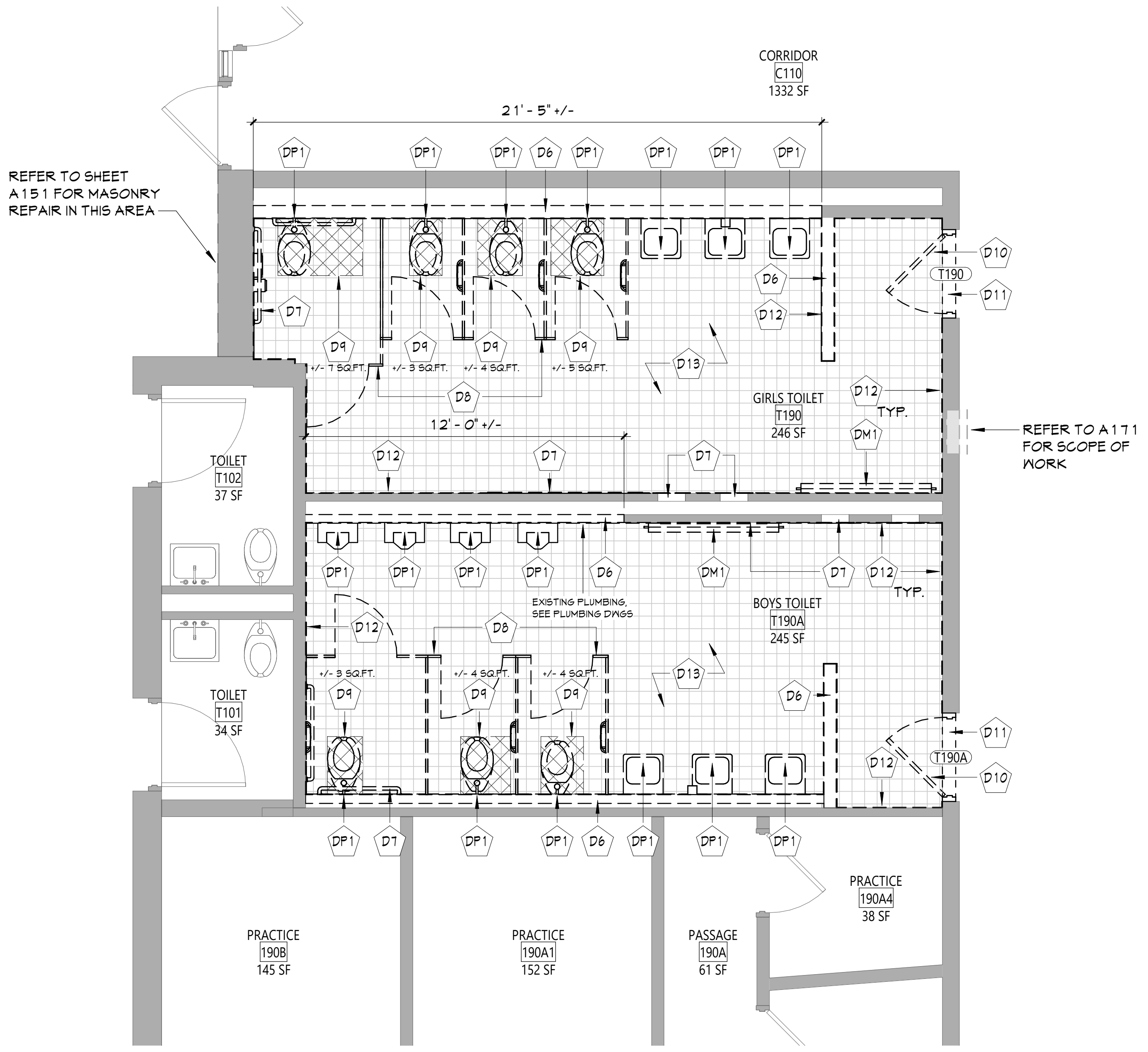
4 TOILET ROOMS 180 & 180A - DEMOLITION RCP
AD611 1/4" = 1'-0"



2 TOILET ROOMS 190 & 190A - DEMOLITION RCP
AD611 1/4" = 1'-0"



3 TOILET ROOMS T180 & T180A - DEMOLITION PLAN
AD611 1/4" = 1'-0"



1 TOILET ROOMS T190 & T190A - DEMOLITION PLAN
AD611 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D6	REMOVE WALL/PARTITION TO EXTENT SHOWN TO ACCOMMODATE NEW WORK. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D7	REMOVE EXISTING WALL-MOUNTED TOILET ROOM ACCESSORIES TO ACCOMMODATE NEW WORK INCLUDING ALL DISPENSERS, MIRRORS, GRAB BARS, AND SIGNAGE IN THEIR ENTIRETY. TURN OVER DISPENSERS AND MIRRORS TO OWNER.
D8	REMOVE EXISTING TOILET PARTITION IN ITS ENTIRETY, INCLUDING ALL SUPPORTS AND RELATED ACCESSORIES.
D9	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DRAINS. COORDINATE EXTENT OF WORK WITH PLUMBING DRAWINGS.
D10	REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME TO REMAIN. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D11	REMOVE EXISTING THRESHOLD TO CONCRETE SUBSTRATE.
D12	REMOVE EXISTING CERAMIC WALL TILE IN ITS ENTIRETY.
D13	EXISTING CERAMIC FLOOR TILE TO REMAIN.
D47	PROVIDE DEMOLITION OF EXISTING WALL FINISHES AS REQUIRED TO ACCOMMODATE PLUMBING REMOVALS. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D48	REMOVE EXISTING CERAMIC WALL BASE IN ITS ENTIRETY. EXISTING FLOOR TILE TO REMAIN.
D55	REMOVE PORTION OF EXISTING FLOOR SLAB TO ACCOMMODATE NEW MARBLE THRESHOLD. COORDINATE WITH NEW WORK DRAWINGS.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC2	REMOVE EXISTING HARD CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC3	TEMPORARILY REMOVE ACOUSTICAL PANEL CEILING TILES AND SALVAGE FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING GRID TO REMAIN. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DP1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⬚	2'x4' LIGHT FIXTURE
⬚	2'x2' LIGHT FIXTURE
⬚	1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

⬚	4'x4' EXST CLOUD CLG SYSTEM

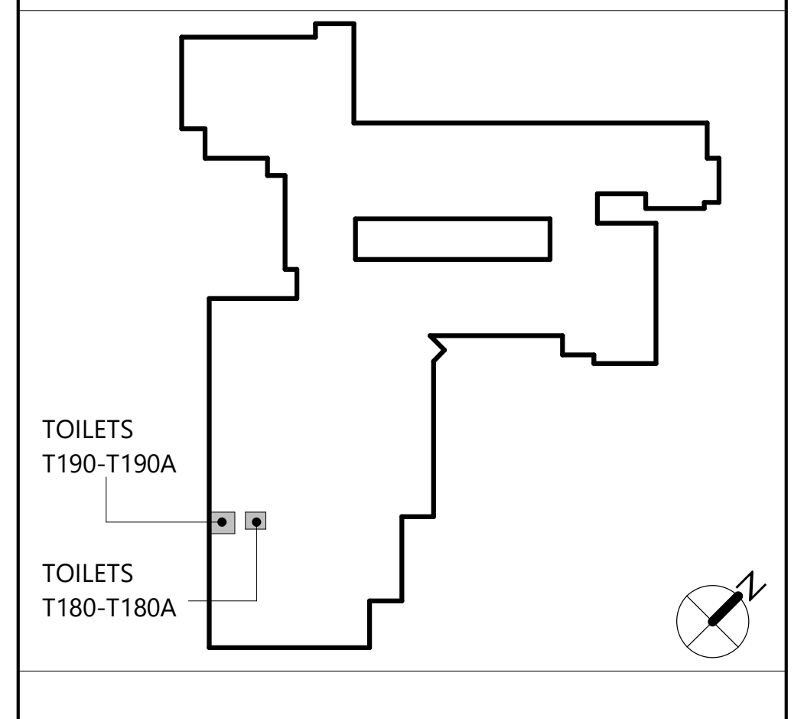
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⬚	HVAC RETURN GRILLE

DEMOLITION PLAN LEGEND

▨	PORTION OF EXISTING POOL SHELL TO BE REMOVED
▦	PORTION OF EXISTING CERAMIC TILE TO BE REMOVED
▨	PORTION OF EXISTING POOL DECK TO BE REMOVED

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
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Sheet Title
TOILET ROOMS - DEMOLITION PLANS

Sheet No.
WHS
AD611

CONSTRUCTION DOCUMENTS

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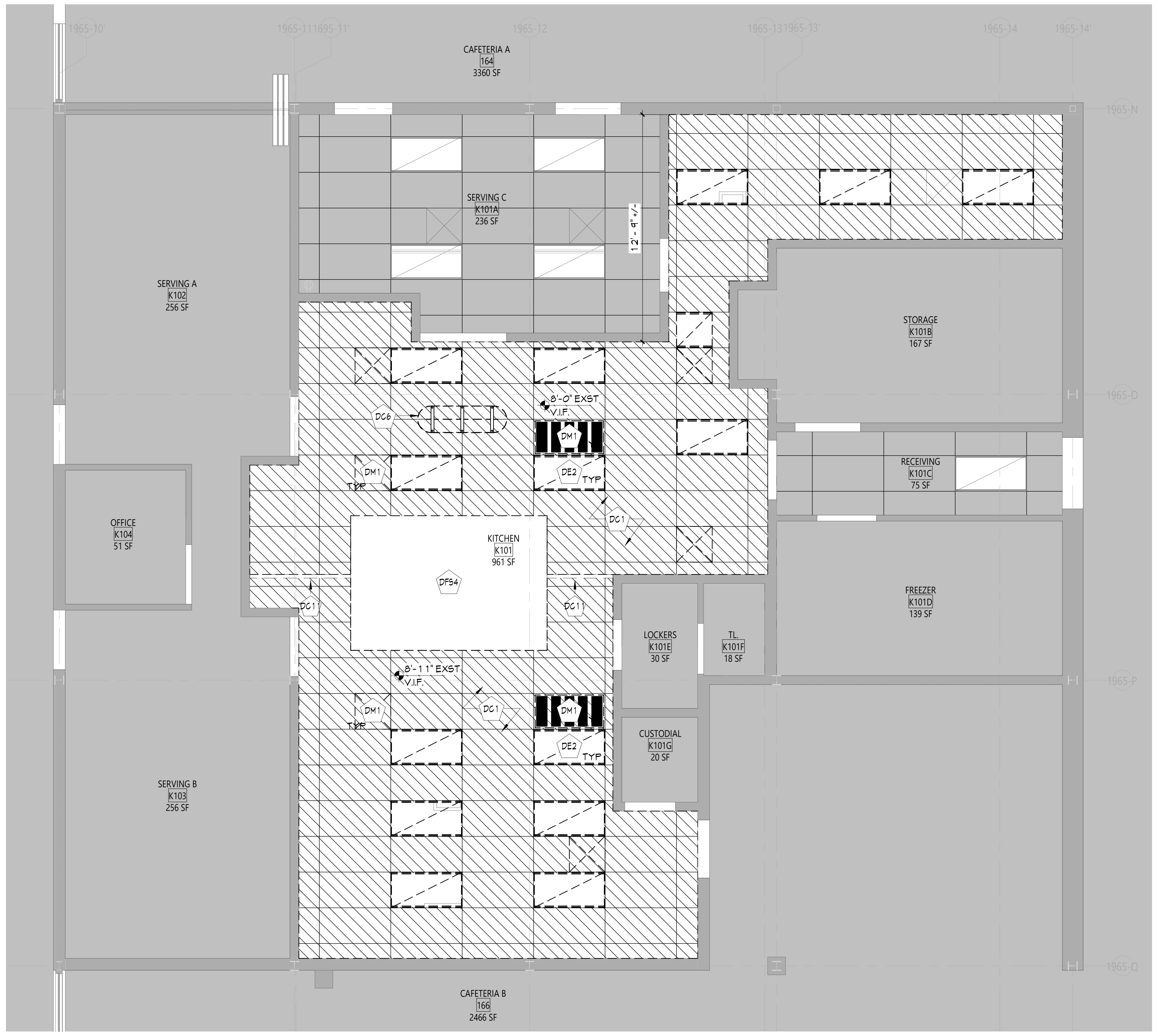
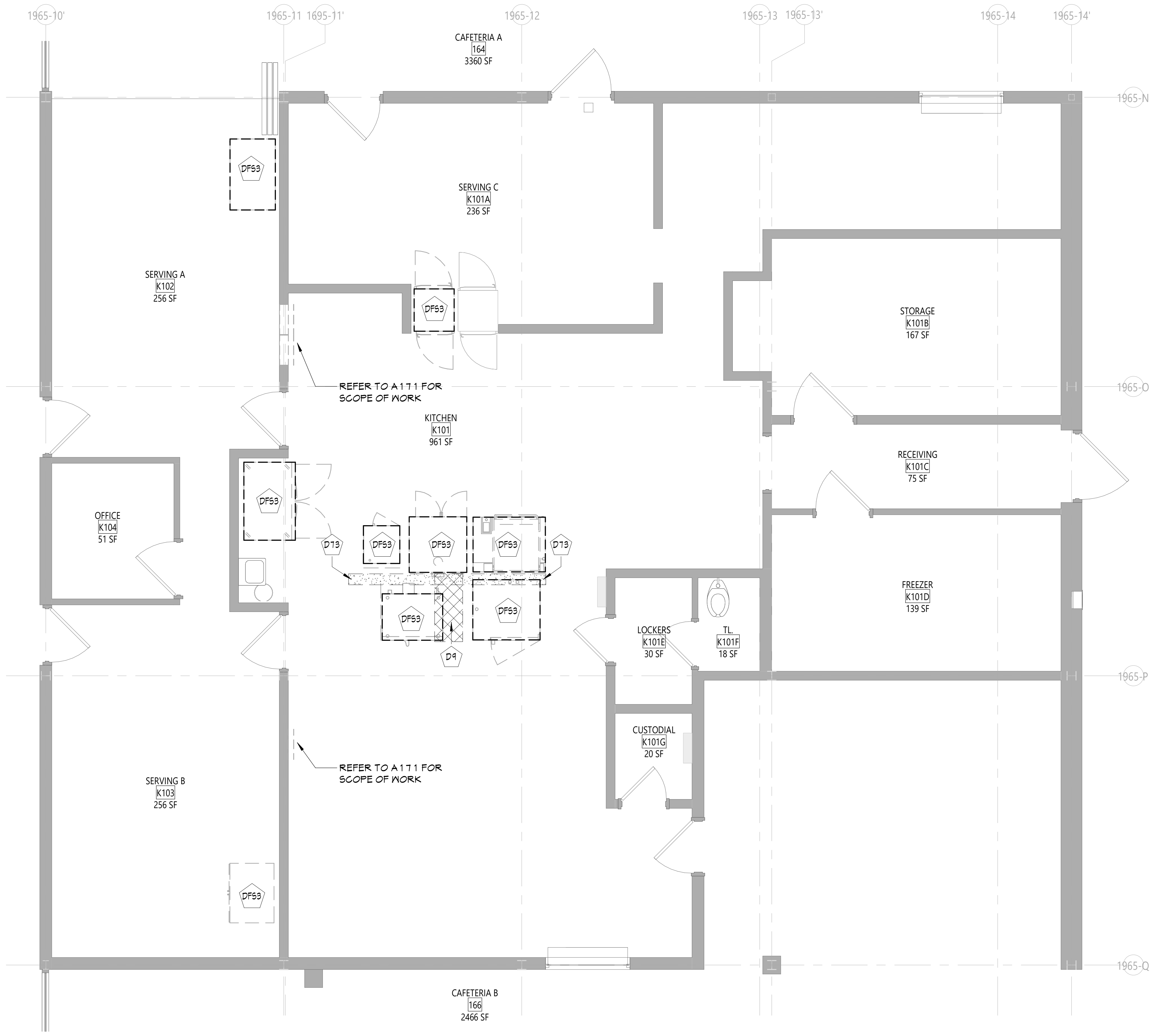


2 KITCHEN - DEMOLITION RCP

AD613 1/4" = 1'-0"



1 KITCHEN - DEMOLITION PLAN

AD613 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D9	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DRAINS. COORDINATE EXTENT OF WORK WITH PLUMBING DRAWINGS.
D73	REMOVE EXISTING QUARRY TILE TO ACCOMODATE NEW PARTITION BETWEEN FOOD PREP EQUIPMENT. COORDINATE WITH NEW WORK.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC6	REMOVE EXISTING CEILING MOUNTED POT RACK AND TURN OVER TO OWNER.
DC11	REMOVE EXISTING SOFFIT BETWEEN EXISTING CEILINGS IN ITS ENTIRETY.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DFS3	FOOD PREPARATION EQUIPMENT. COORDINATE WITH FOOD SERVICE DRAWINGS.
DFS4	KITCHEN HOOD AND FIRE SUPPRESSION SYSTEM. COORDINATE WITH FOOD SERVICE AND MEP DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.

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3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2'x4' LIGHT FIXTURE

2'x2' LIGHT FIXTURE

1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

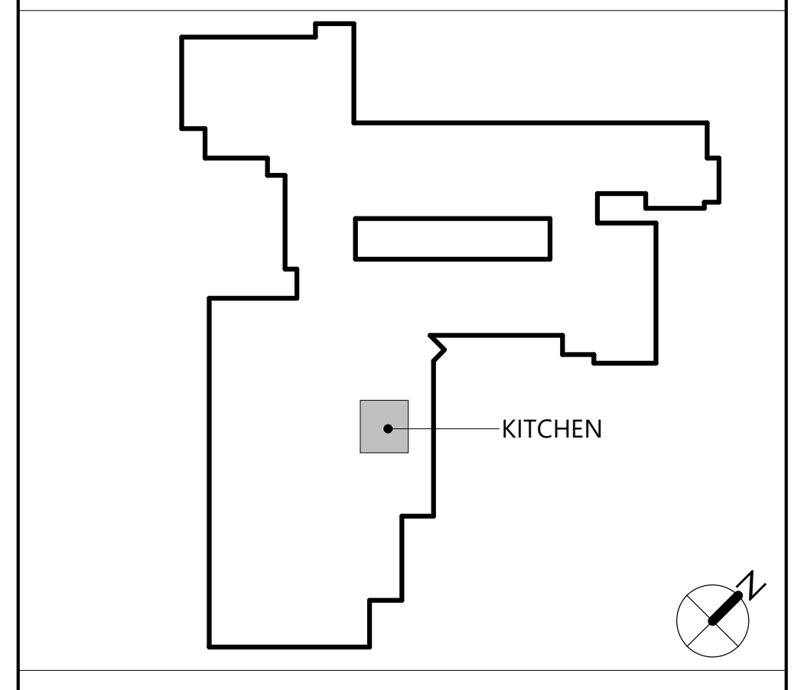
4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

HVAC SUPPLY GRILLE

HVAC RETURN GRILLE

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
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Sheet Title

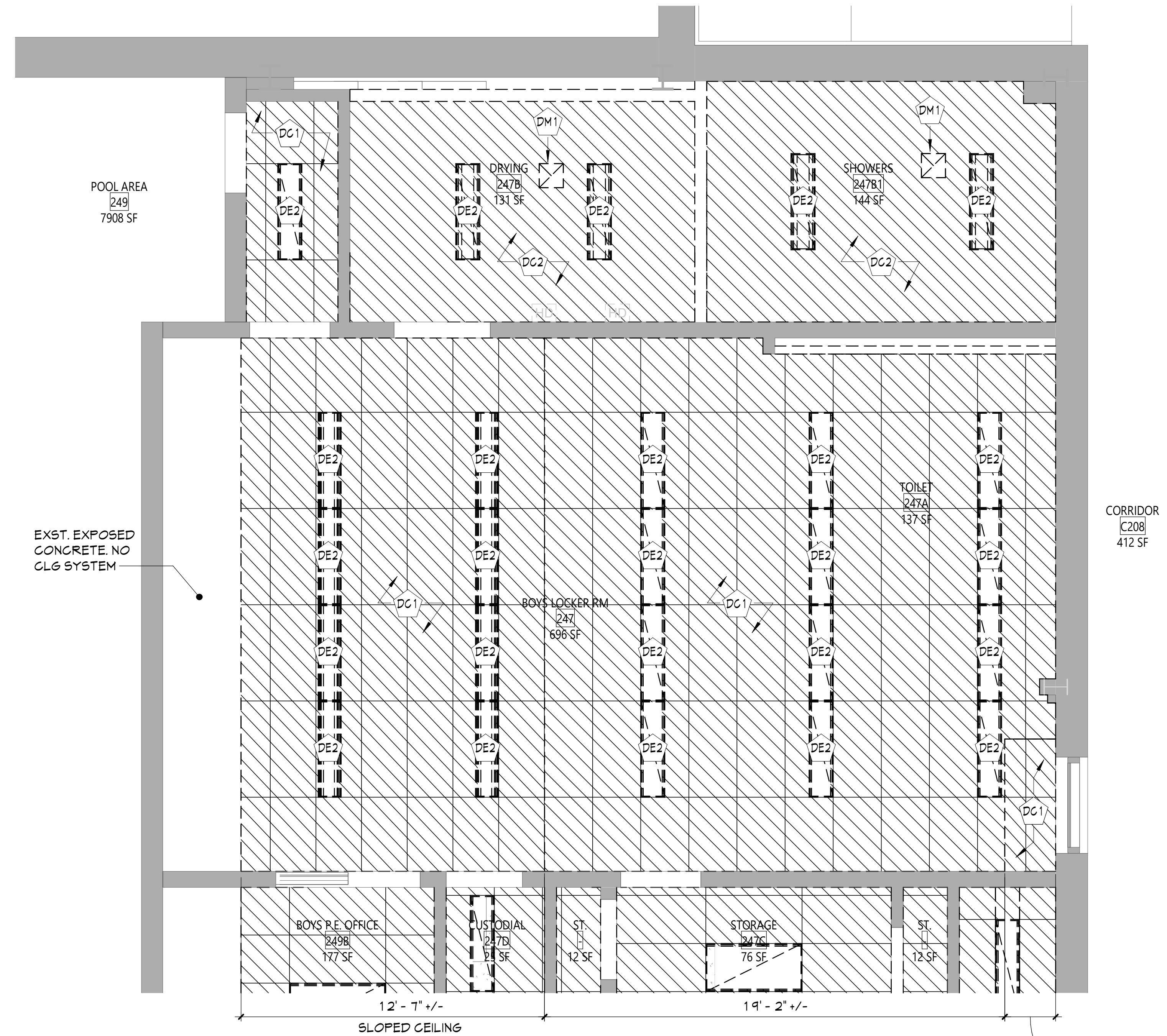
KITCHEN - DEMOLITION PLANS

Sheet No.

WHS AD613

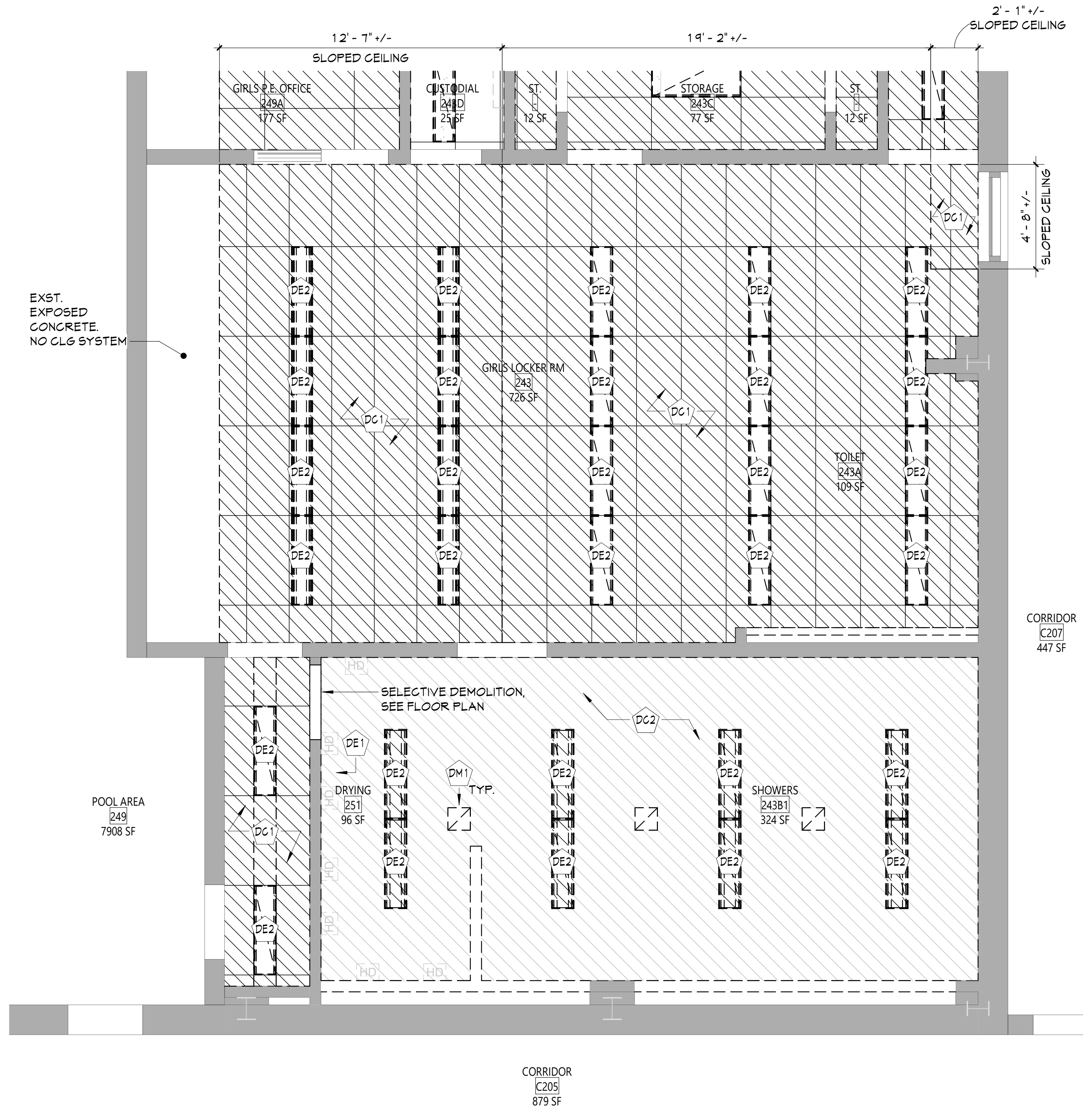
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



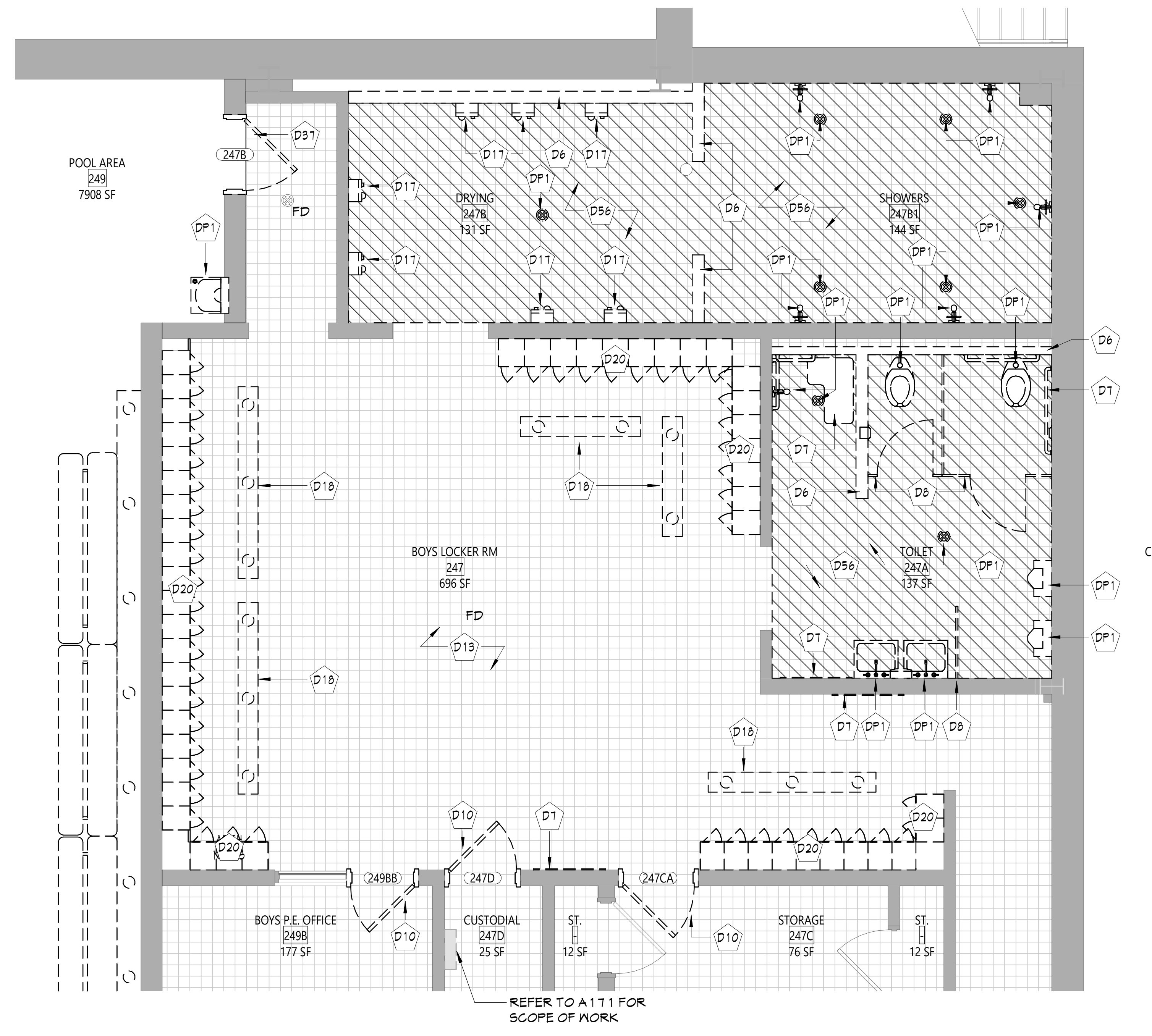
4 BOYS POOL LOCKER ROOM - DEMOLITION RCP

AD621 1/4" = 1'-0"



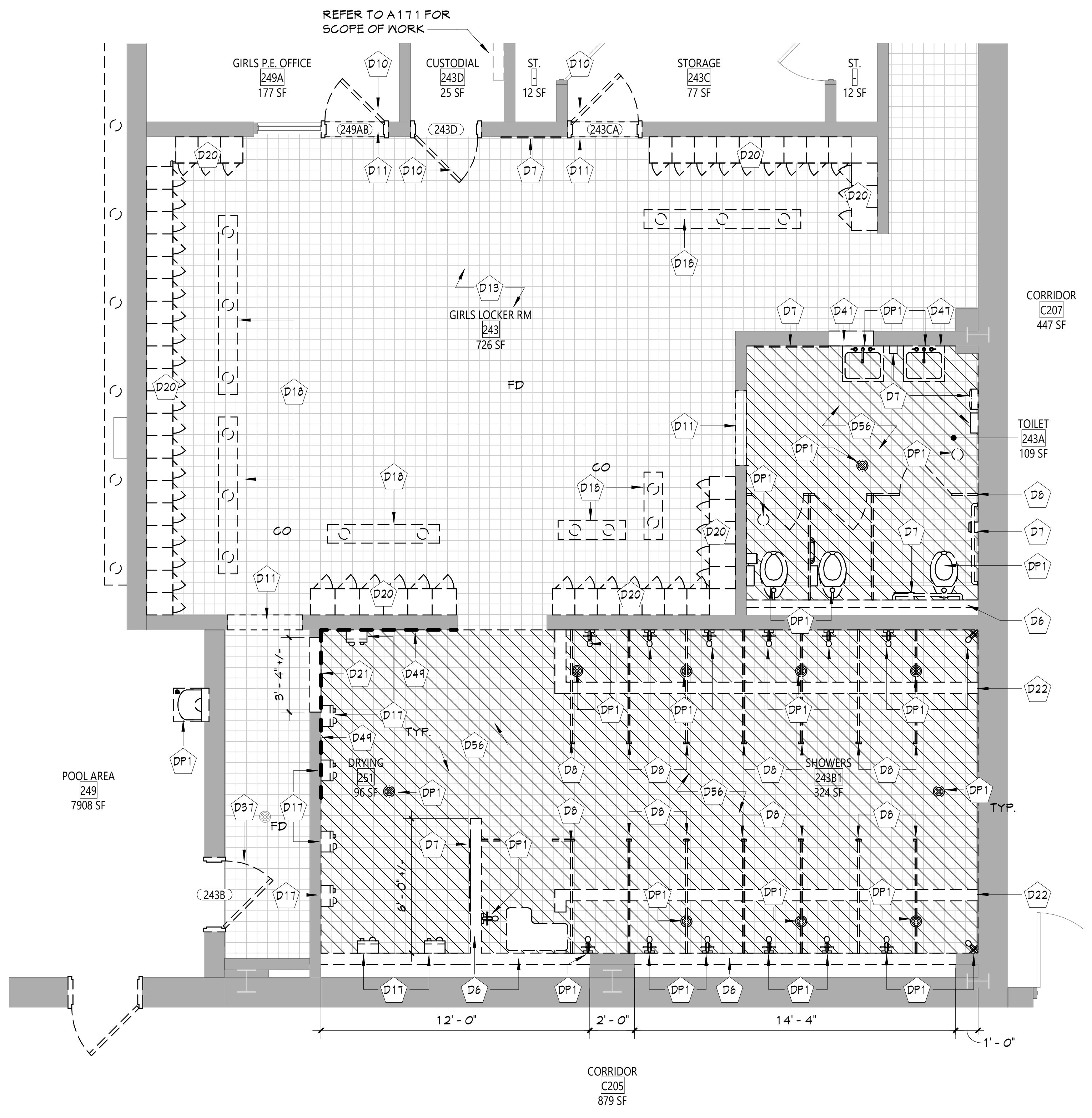
2 GIRLS POOL LOCKER ROOM - DEMOLITION RCP

AD621 1/4" = 1'-0"



3 BOYS POOL LOCKER ROOM - DEMOLITION PLAN

AD621 1/4" = 1'-0"



1 GIRLS POOL LOCKER ROOM - DEMOLITION PLAN

AD621 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D6	REMOVE WALL/PARTITION TO EXTENT SHOWN TO ACCOMMODATE NEW WORK. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D7	REMOVE EXISTING WALL-MOUNTED TOILET ROOM ACCESSORIES TO ACCOMMODATE NEW WORK INCLUDING ALL DISPENSERS, MIRRORS, GRAB BARS, AND SIGNAGE IN THEIR ENTIRETY. TURN OVER DISPENSERS AND MIRRORS TO OWNER.
D8	REMOVE EXISTING TOILET PARTITION IN ITS ENTIRETY, INCLUDING ALL SUPPORTS AND RELATED ACCESSORIES.
D10	REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME TO REMAIN. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D11	REMOVE EXISTING THRESHOLD TO CONCRETE SUBSTRATE.
D13	EXISTING CERAMIC FLOOR TILE TO REMAIN.
D17	REMOVE EXISTING WALL MOUNTED HAND DRYERS IN THEIR ENTIRETY. COORDINATE WITH ELECTRICAL DRAWINGS.
D18	REMOVE EXISTING BENCHES IN THEIR ENTIRETY. PATCH FASTENER HOLES IN EXISTING SLAB.
D20	USING A CERTIFIED LOCKER INSTALLER, REMOVE LOCKERS AND SALVAGE FOR REINSTALLATION.
D21	REMOVE PORTION OF EXISTING WALL TO THE EXTENT SHOWN TO ACCOMMODATE NEW DOOR AND FRAME. COORDINATE WITH NEW WORK DRAWINGS.
D22	REMOVE EXISTING TILE SHOWER CURB IN ITS ENTIRETY.
D37	REMOVE EXISTING DOOR, FRAME, HARDWARE AND ACCESSORIES. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D41	REMOVE PORTION OF EXISTING PARTITION TO ACCOMMODATE NEW WORK. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
D47	PROVIDE DEMOLITION OF EXISTING WALL FINISHES AS REQUIRED TO ACCOMMODATE PLUMBING REMOVALS. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D49	REMOVE EXISTING WALL CERAMIC TILE TO THE EXTENT SHOWN. COORDINATE WITH NEW WORK DRAWINGS.
D56	REMOVE PORTION OF EXISTING CONCRETE SLAB IN SHOWER AND TOILETING AREA DOWN TO SUBGRADE. COORDINATE WITH MEP, STRUCTURAL, AND NEW WORK DRAWINGS.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC2	REMOVE EXISTING HARD CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DE1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DP1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS.

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CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▦	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▧	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⬚	2'x4' LIGHT FIXTURE
⬚	2'x2' LIGHT FIXTURE
⬚	1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

⬚	4'x4' EXST CLOUD CLG SYSTEM

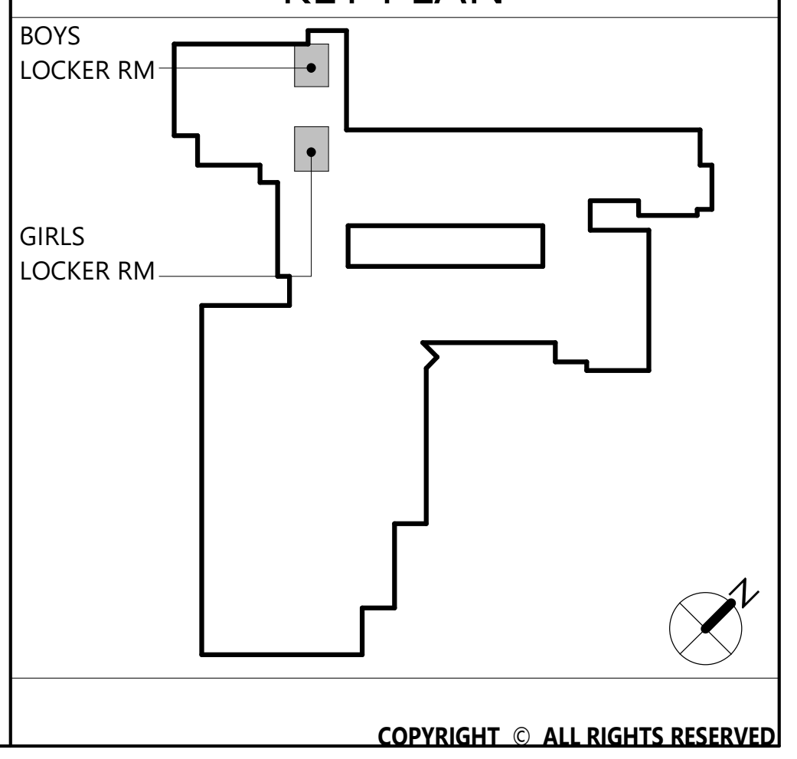
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⬚	HVAC RETURN GRILLE

DEMOLITION PLAN LEGEND

▨	PORTION OF EXISTING POOL SHELL TO BE REMOVED
▦	PORTION OF EXISTING CERAMIC TILE TO BE REMOVED
▧	PORTION OF EXISTING POOL DECK TO BE REMOVED

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
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THOMAS M. RITZENTHALER 023344
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Construction Documents:	12/12/25

Sheet Title

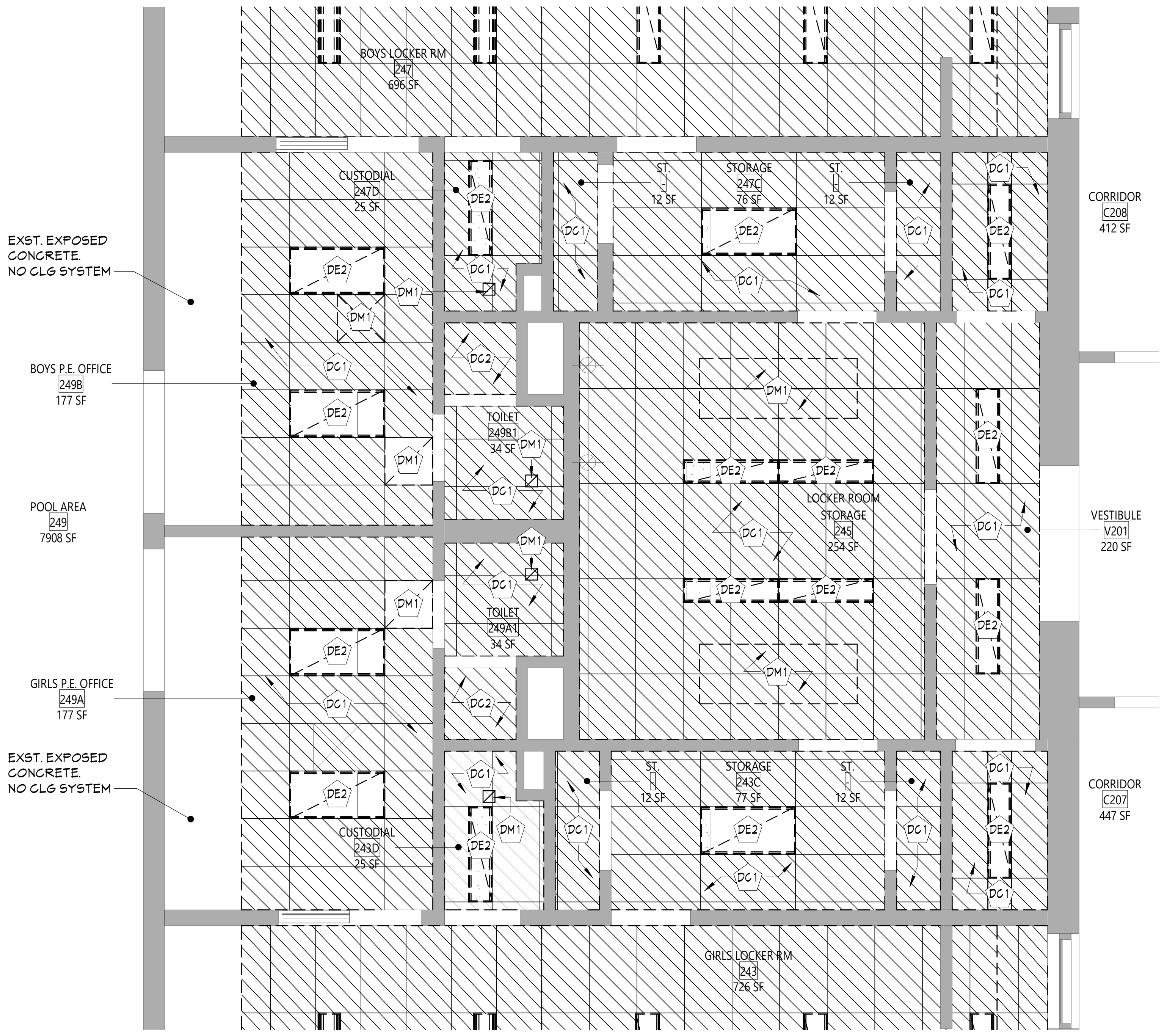
POOL LOCKER ROOMS - DEMOLITION PLANS

Sheet No.

WHS AD621

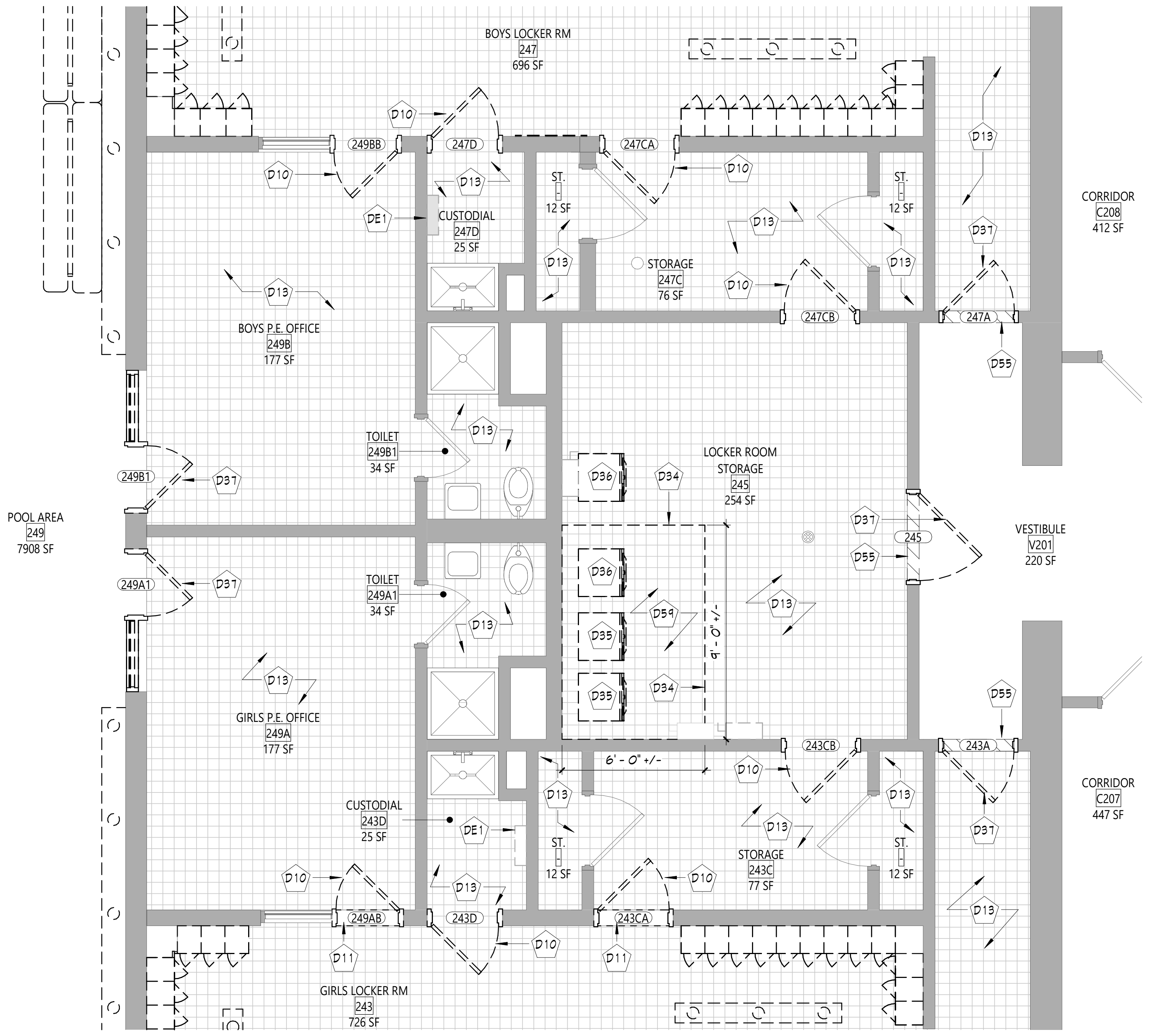
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 POOL SUPPORT SPACE - DEMOLITION RCP

AD625 1/4" = 1'-0"



1 POOL SUPPORT SPACE - DEMOLITION PLAN

AD625 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D10	REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME TO REMAIN. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D11	REMOVE EXISTING THRESHOLD TO CONCRETE SUBSTRATE.
D13	EXISTING CERAMIC FLOOR TILE TO REMAIN.
D34	REMOVE CERAMIC TILE BASE AT RAISED FLOOR AREA. COORDINATE WITH NEW WORK DRAWINGS.
D35	REMOVE EXISTING WASHER. COORDINATE DISCONNECTS WITH MEP DRAWINGS. COORDINATE WITH NEW WORK.
D36	REMOVE EXISTING DRYER. COORDINATE DISCONNECTS WITH MEP DRAWINGS. COORDINATE WITH NEW WORK.
D37	REMOVE EXISTING DOOR, FRAME, HARDWARE AND ACCESSORIES. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D55	REMOVE PORTION OF EXISTING FLOOR SLAB TO ACCOMMODATE NEW MARBLE THRESHOLD. COORDINATE WITH NEW WORK DRAWINGS.
D59	REMOVE EXISTING RAISED FLOOR AREA IN ITS ENTIRTY. PATCH FLOOR LEVEL TO ACCEPT NEW FLOOR FINISH.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC2	REMOVE EXISTING HARD CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DE1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
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CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▧	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

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⬚	2'x4' LIGHT FIXTURE
⬚	2'x2' LIGHT FIXTURE
⬚	1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

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⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

DEMOLITION PLAN LEGEND

▨	PORTION OF EXISTING POOL SHELL TO BE REMOVED
▦	PORTION OF EXISTING CERAMIC TILE TO BE REMOVED
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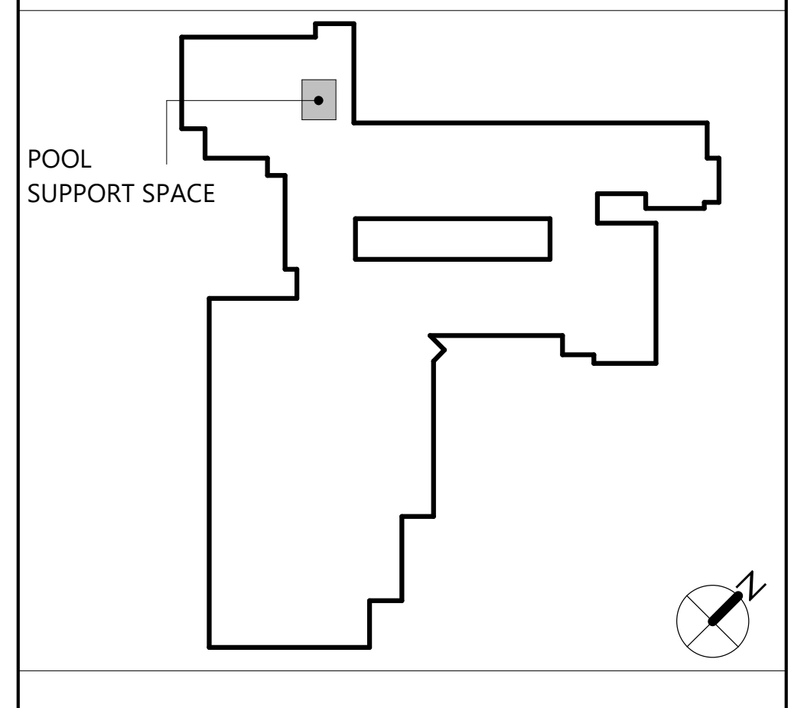

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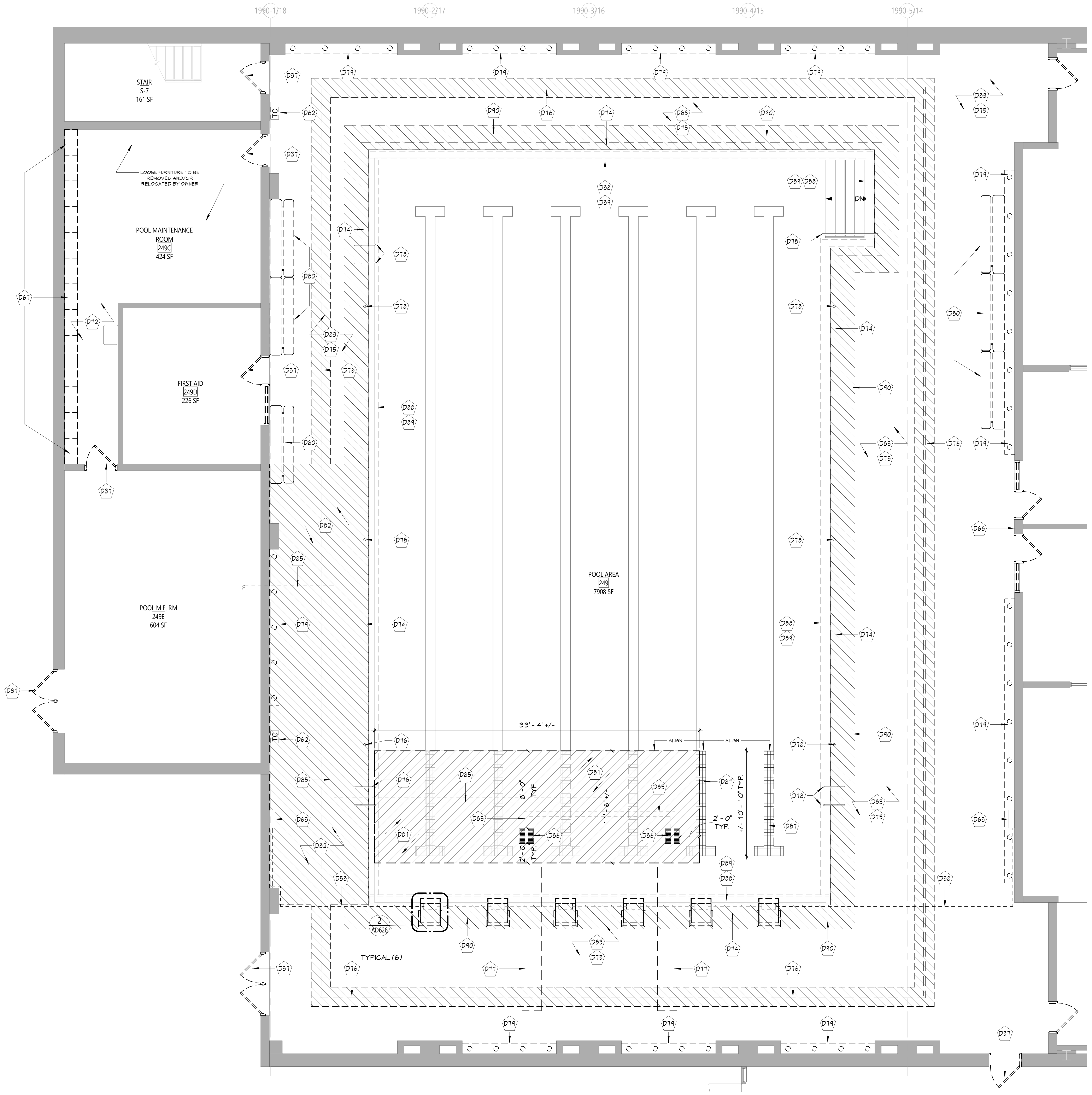
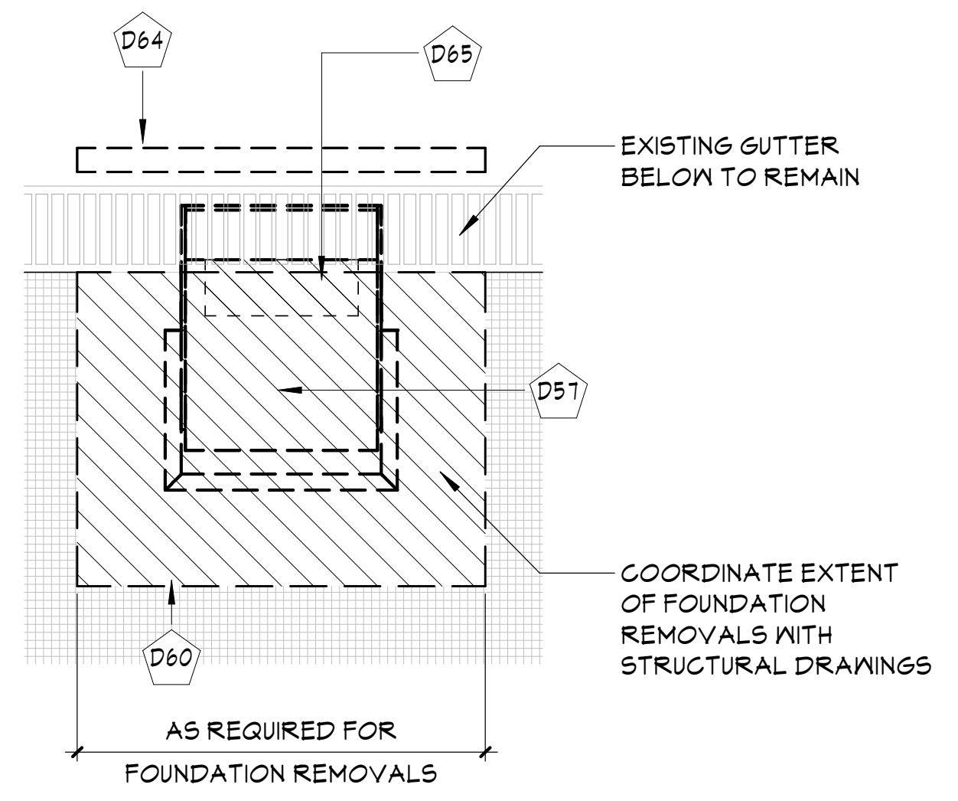
POOL
SUPPORT
SPACE -
DEMOLITION
PLANS

Sheet No.
WHS
AD625

CONSTRUCTION DOCUMENTS



1 POOL AREA - DEMOLITION PLAN
AD626 3/16" = 1'-0"


D64
D65
D57
D60
EXISTING GUTTER BELOW TO REMAIN
COORDINATE EXTENT OF FOUNDATION REMOVALS WITH STRUCTURAL DRAWINGS
AS REQUIRED FOR FOUNDATION REMOVALS

2 STARTING BLOCKS - DEMOLITION
AD626 1/2" = 1'-0"

DEMOLITION KEYNOTES

	Description
D37	REMOVE EXISTING DOOR, FRAME, HARDWARE AND ACCESSORIES. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D57	REMOVE EXISTING STARTING BLOCKS IN THEIR ENTIRETY. COORDINATE EXTENT OF STARTING BLOCK FOUNDATION REMOVAL WITH STRUCTURAL DRAWINGS.
D58	TIMING SYSTEM CABLING BELOW SLAB IN EXISTING 2 1/2" PVC CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS.
D60	REMOVE EXISTING STARTING BLOCK FOUNDATION. COORDINATE REMOVALS WITH STRUCTURAL DRAWINGS.
D62	EXISTING PACE CLOCK TO BE REMOVED IN ITS ENTIRETY.
D63	EXISTING TIMING SYSTEM WALL PLATE TO REMAIN. PROTECT DURING DEMOLITION
D64	EXISTING TIMING SYSTEM IN-POOL TOUCH PADS AND ASSOCIATED CABLE HARNESSES TO BE REMOVED IN THEIR ENTIRETY.
D65	EXISTING TIMING SYSTEM DECK PLATES TO BE REMOVED. CABLING BETWEEN DECK PLATES AND WALL PLATES TO BE REPLACED. COORDINATE WITH ELECTRICAL DRAWINGS.
D66	EXISTING TIMING SYSTEM CONTROL CONSOLE TO BE REMOVED.
D67	REMOVE EXISTING WALL MOUNTED WOOD SHELVING UNITS IN THEIR ENTIRETY. OWNER TO TEMPORARILY RELOCATE EXISTING SUPPLIES.
D72	PROVIDE TRENCHING AS REQUIRED FOR PIPING. COORDINATE LINEAR DIMENSIONS AND LOCATIONS WITH 'P' DRAWINGS.
D74	REMOVE EXISTING TILE FLOORING FROM POOL GUTTER TO EDGE OF DEPTH MARKER (+/- 9 INCHES) AROUND ENTIRE PERIMETER OF POOL.
D75	PREP EXISTING FLOOR TILE TO REMAIN TO ACCEPT NEW EPOXY RESINOUS FLOORING.
D76	EXISTING DECK DRAIN TO BE REMOVED IN ITS ENTIRETY. SAWCUT AND REMOVE 12" OF CONCRETE SLAB AND TILE ON EACH SIDE OF DRAIN. COORDINATE WITH STRUCUTURAL DRAWINGS.
D77	REMOVE AND SALVAGE EXISTING DIVING BOARDS AND ASSOCIATED SUPPORT FRAMES AND STORE FOR REINSTALLATION. COORDINATE LOCATIONS WITH OWNER.
D78	REMOVE AND SALVAGE EXISTING LADDERS, STEEL POSTS, AND RAILINGS AND STORE FOR REINSTALLATION. COORDINATE LOCATIONS WITH OWNER.
D79	REMOVE AND SALVAGE EXISTING WALL HUNG BENCH FOR REINSTALLATION.
D80	REMOVE AND SALVAGE EXISTING BLEACHERS AND STORE DURING CONSTRUCTION AS DIRECTED BY OWNER.
D81	REMOVE EXISTING PORTIONS OF POOL SHELL AS INDICATED. COORDINATE LOCATIONS WITH STRUCTURAL AND POOL DRAWINGS.
D82	REMOVE EXISTING PORTIONS OF POOL DECK AS INDICATED. COORDINATE LOCATIONS WITH STRUCTURAL AND POOL DRAWINGS.
D83	EXISTING TILE FLOORING TO REMAIN, UNLESS REQUIRED FOR POOL DECK REMOVAL WORK. SEE PLAN AND FLOORING LEGEND FOR AREAS OF FLOORING REQUIRING DEMOLITION.
D85	EXISTING POOL MAIN DRAIN PIPING. COORDINATE WITH POOL DRAWINGS.
D86	EXISTING POOL MAIN DRAIN COVERS. COORDINATE WITH POOL DRAWINGS.
D87	REMOVE EXISTING 1" POOL TILE FROM SWIMMING LANE TO EXTENT SHOWN TO ALIGN WITH POOL SHELL REMOVAL. COORDINATE WITH NEW WORK.
D88	REMOVE EXISTING POOL GUTTERS. COORDINATE WITH POOL DRAWINGS.
D89	SAWCUT AND REMOVE PORTION OF POOL SHELL INCLUDING CERAMIC WALL TILE TO EXTENT REQUIRED TO ACCOMMODATE POOL GUTTER REPLACEMENT. COORDINATE WITH POOL DRAWINGS.
D90	SAWCUT AND REMOVE PORTION OF POOL DECK INCLUDING CERAMIC FLOOR TILE TO EXTENT REQUIRED TO ACCOMMODATE POOL GUTTER REPLACEMENT. COORDINATE WITH POOL DRAWINGS.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
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14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
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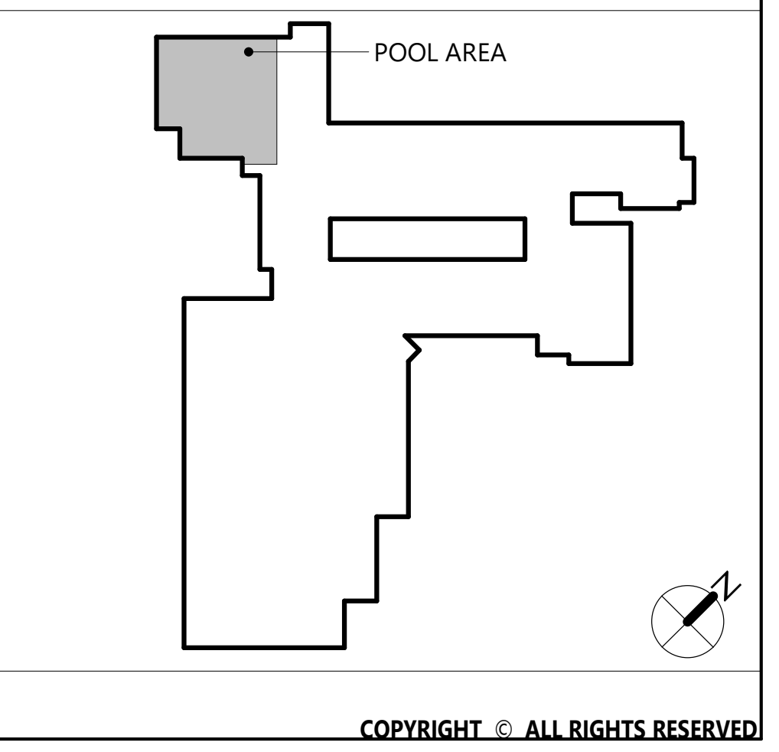
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

DEMOLITION PLAN LEGEND

▨	PORTION OF EXISTING POOL SHELL TO BE REMOVED
▦	PORTION OF EXISTING CERAMIC TILE TO BE REMOVED
▨	PORTION OF EXISTING POOL DECK TO BE REMOVED

KEY PLAN



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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

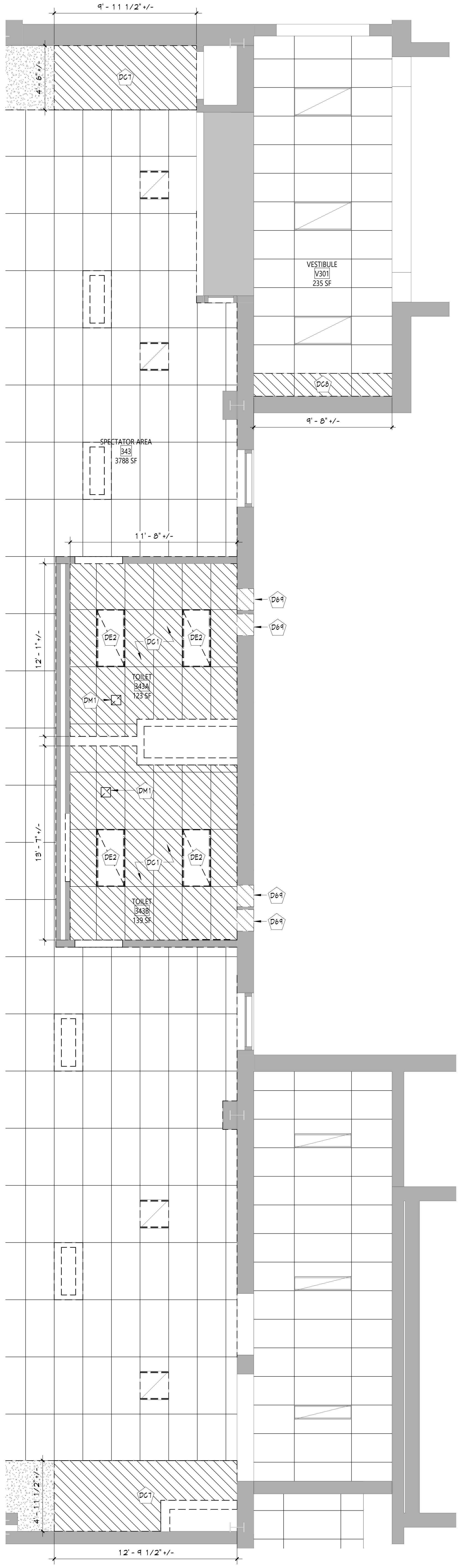
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
POOL AREA - DEMOLITION PLAN

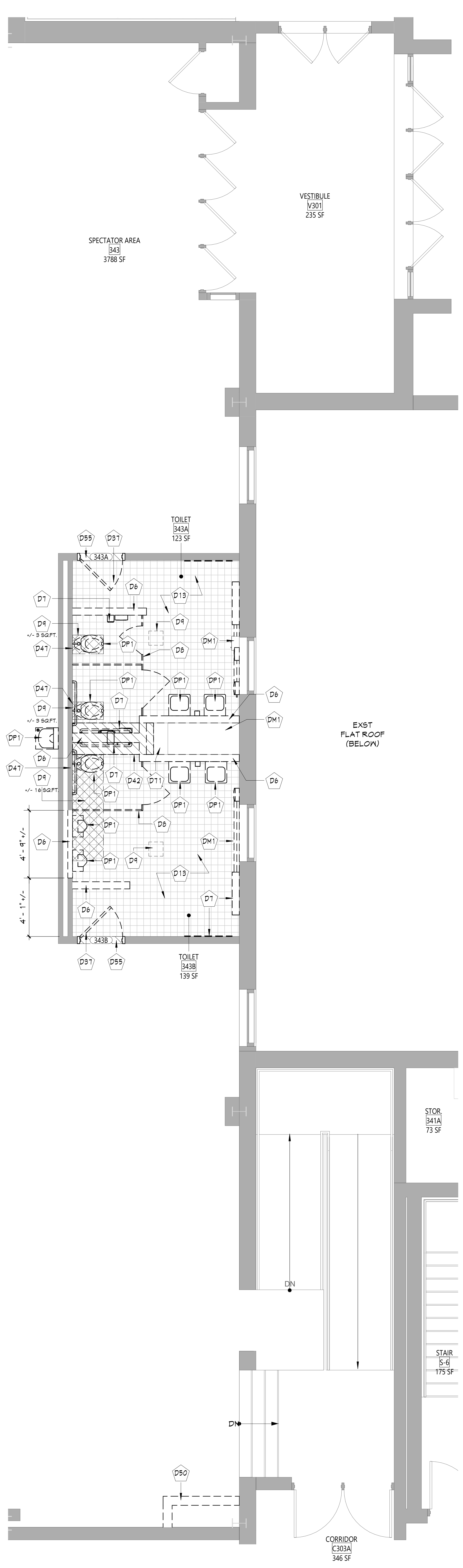
Sheet No.
WHS
AD626

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 SPECTATOR AREA - DEMOLITION RCP
AD631 1/4" = 1'-0"



1 SPECTATOR AREA - DEMOLITION PLAN
AD631 1/4" = 1'-0"

DEMOLITION KEYNOTES

	Description
D6	REMOVE WALL/PARTITION TO EXTENT SHOWN TO ACCOMMODATE NEW WORK. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D7	REMOVE EXISTING WALL-MOUNTED TOILET ROOM ACCESSORIES TO ACCOMMODATE NEW WORK INCLUDING ALL DISPENSERS, MIRRORS, GRAB BARS, AND SIGNAGE IN THEIR ENTIRETY. TURN OVER DISPENSERS AND MIRRORS TO OWNER.
D8	REMOVE EXISTING TOILET PARTITION IN ITS ENTIRETY, INCLUDING ALL SUPPORTS AND RELATED ACCESSORIES.
D9	SAWCUT AND REMOVE EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW DRAINS. COORDINATE EXTENT OF WORK WITH PLUMBING DRAWINGS.
D13	EXISTING CERAMIC FLOOR TILE TO REMAIN.
D37	REMOVE EXISTING DOOR, FRAME, HARDWARE AND ACCESSORIES. COORDINATE WITH NEW WORK AND DOOR SCHEDULE.
D42	PROVIDE DEMOLITION OF EXISTING CONCRETE SLAB TO ACCOMMODATE ENLARGED CHASE AREA. EXISTING ADJACENT CONCRETE BEAM TO REMAIN. COORDINATE WITH MEP, STRUCTURAL DRAWINGS, AND NEW WORK.
D47	PROVIDE DEMOLITION OF EXISTING WALL FINISHES AS REQUIRED TO ACCOMMODATE PLUMBING REMOVALS. COORDINATE WITH PLUMBING AND NEW WORK DRAWINGS.
D50	REMOVE CHASE WALL/PARTITION TO ACCOMMODATE MECHANICAL REMOVALS WORK. COORDINATE WITH MECHANICAL AND NEW WORK DRAWINGS.
D55	REMOVE PORTION OF EXISTING FLOOR SLAB TO ACCOMMODATE NEW MARBLE THRESHOLD. COORDINATE WITH NEW WORK DRAWINGS.
D69	REMOVE PORTION OF EXISTING MASONRY WALL AS REQUIRED TO ACCOMMODATE NEW DUCTWORK PENETRATION. COORDINATE WITH MECHANICAL DRAWINGS.
D71	EXISTING CONCRETE BEAM TO REMAIN. COORDINATE WITH STRUCTURAL DRAWINGS.
DC1	REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC7	REMOVE PORTION OF EXISTING SOFFIT SYSTEM TO ACCOMMODATE MECHANICAL WORK. COORDINATE WITH MECHANICAL DRAWINGS.
DC8	TEMPORARILY REMOVE AND SALVAGE EXISTING ACOUSTICAL CEILING PANELS FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING WALL ANGLE TO BE TEMPORARILY REMOVED AND SALVAGED FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING TILE AND GRID TO BE MODIFIED TO ACCOMMODATE NEW WORK. COORDINATE WITH NEW WORK DRAWINGS.
DE2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
DM1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
DP1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS.

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CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x4' LIGHT FIXTURE

ACOUSTICAL EQUIPMENT

- 4'x4' EXST CLOUD CLG SYSTEM

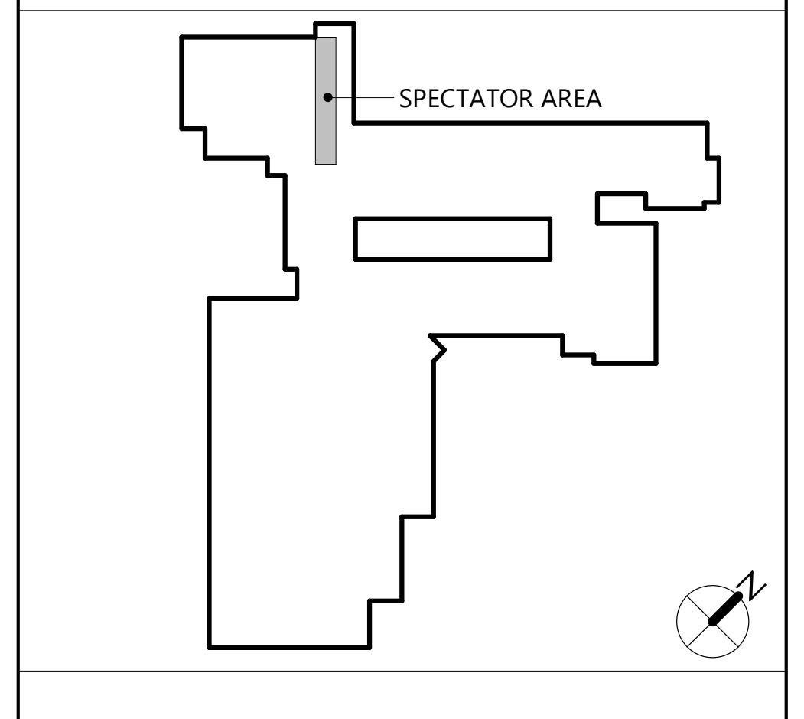
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

DEMOLITION PLAN LEGEND

▨	PORTION OF EXISTING POOL SHELL TO BE REMOVED
▦	PORTION OF EXISTING CERAMIC TILE TO BE REMOVED
▨	PORTION OF EXISTING POOL DECK TO BE REMOVED

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Sheet Title
SPECTATOR AREA - DEMOLITION PLANS

Sheet No.
WHS
AD631

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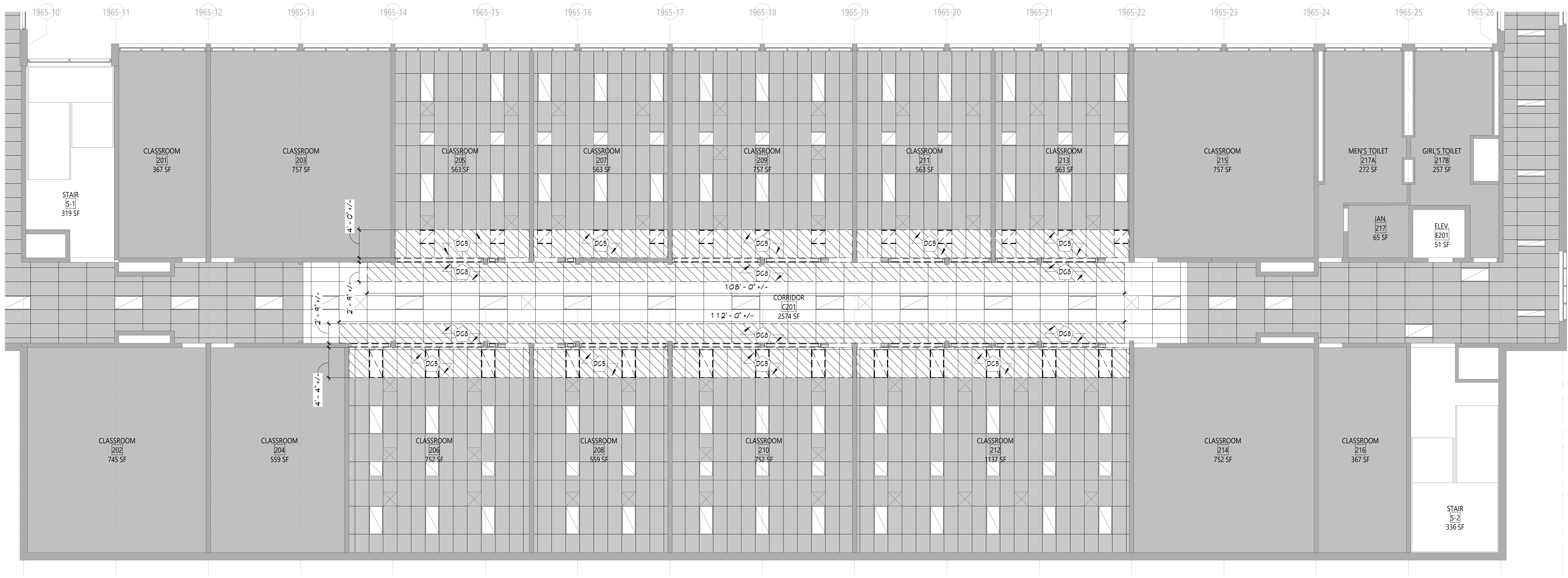
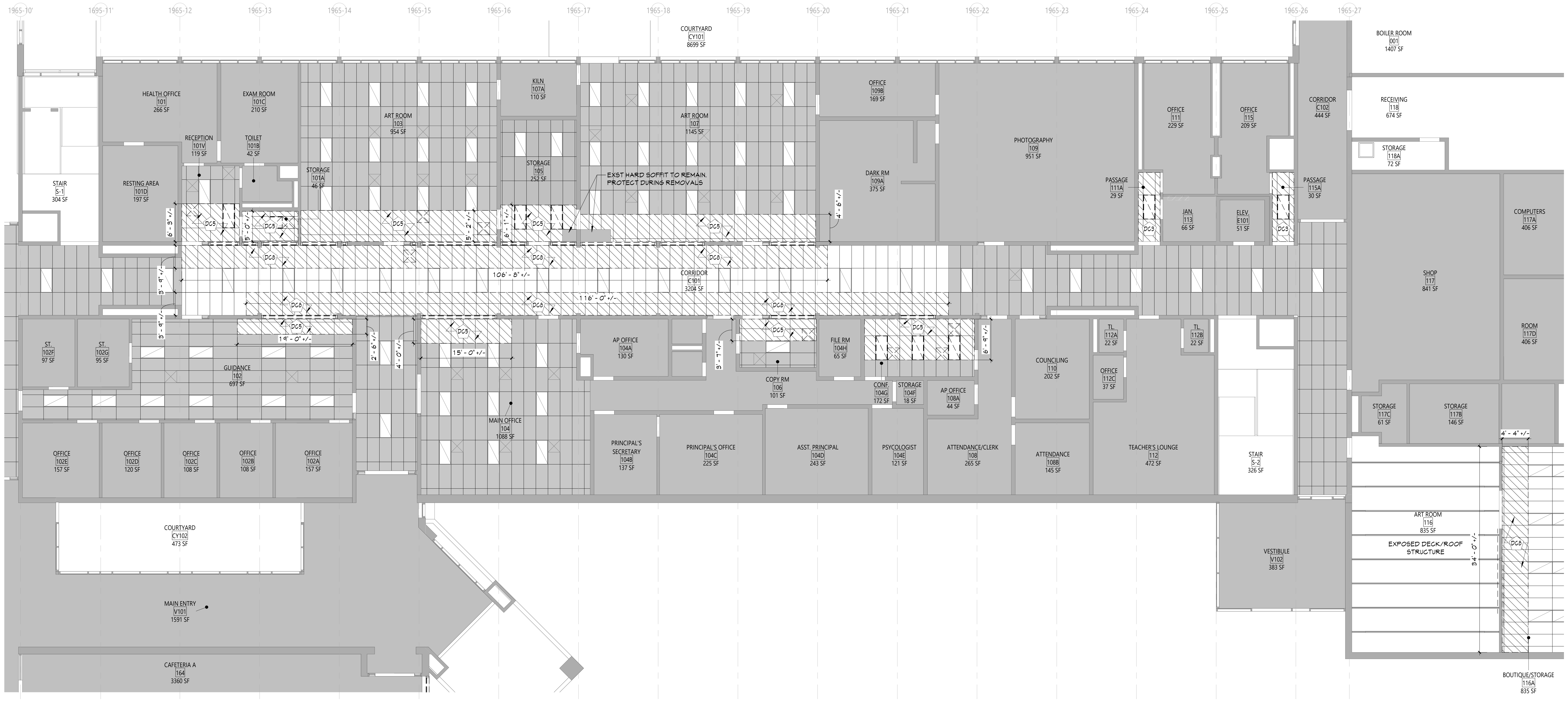


2 CORRIDOR C201 - DEMOLITION RCP
AD813 1/8" = 1'-0"



1 CORRIDOR C101 - DEMOLITION RCP
AD813 1/8" = 1'-0"

DEMOLITION KEYNOTES

	Description
DC3	TEMPORARILY REMOVE ACOUSTICAL PANEL CEILING TILES AND SALVAGE FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING GRID TO REMAIN. COORDINATE WITH MEP AND NEW WORK DRAWINGS.
DC5	TEMPORARILY REMOVE AND SALVAGE EXISTING ACOUSTICAL PANEL CEILING TILES. EXISTING ACOSUTICAL PANEL CEILING GRID TO REMAIN. EXISTING ACOUSTICAL PANEL CEILING WALL ANGLE TO BE TEMPORARILY REMOVED AND SALVAGED FOR REINSTALLATION. COORDINATE WITH NEW WORK DRAWINGS.
DC8	TEMPORARILY REMOVE AND SALVAGE EXISTING ACOUSTICAL CEILING PANELS FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING WALL ANGLE TO BE TEMPORARILY REMOVED AND SALVAGED FOR REINSTALLATION. EXISTING ACOUSTICAL PANEL CEILING TILE AND GRID TO BE MODIFIED TO ACCOMMODATE NEW WORK. COORDINATE WITH NEW WORK DRAWINGS.

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CEILING DEMOLITION LEGEND

■	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⬚	2'x4' LIGHT FIXTURE
⬚	2'x2' LIGHT FIXTURE
⬚	1'x4' LIGHT FIXTURE

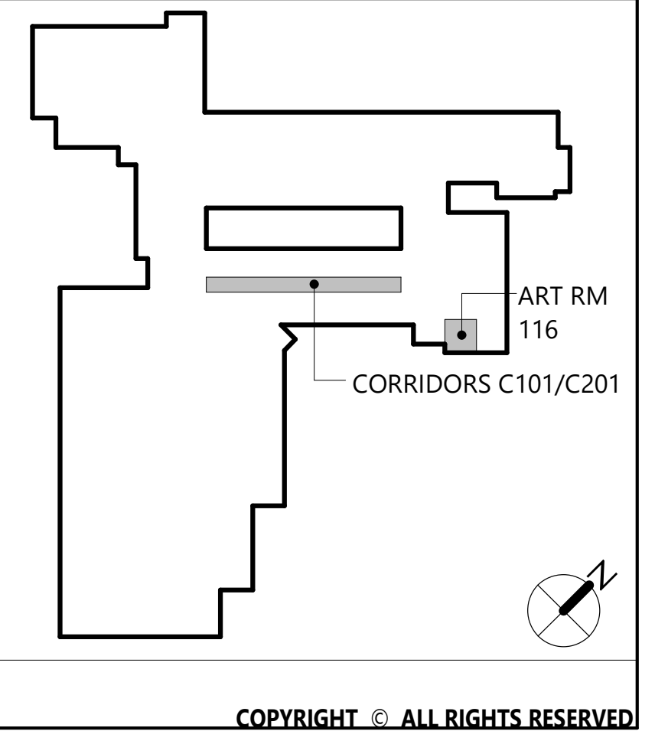
ACOUSTICAL EQUIPMENT

⬚	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⬚	HVAC RETURN GRILLE

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

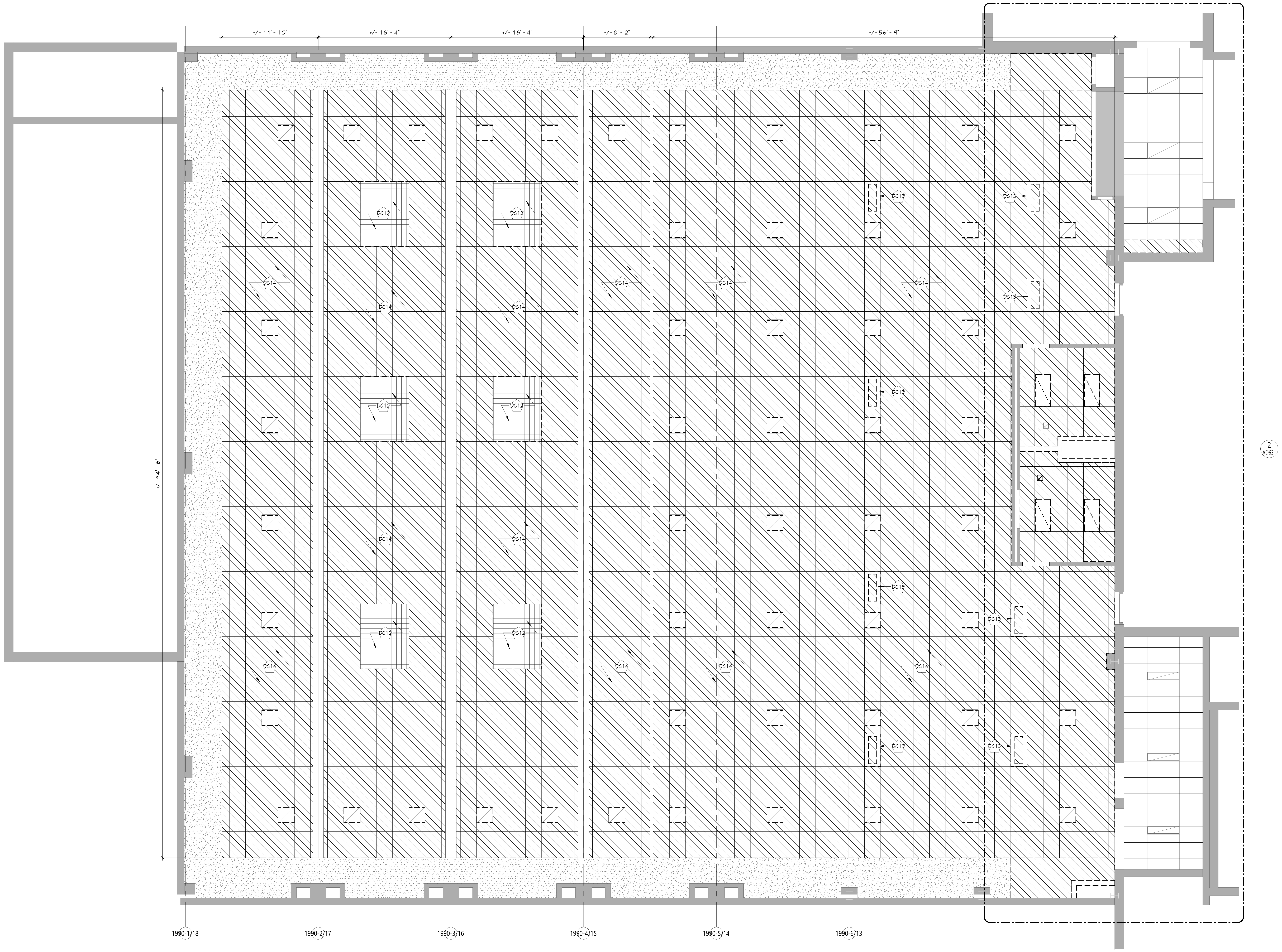
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
CORRIDOR C101 & C201 - DEMOLITION REFLECTED CEILING PLANS

Sheet No.
WHS AD813

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



1 POOL AREA - DEMOLITION RCP
AD821 3/16" = 1'-0"

DEMOLITION KEYNOTES

	Description
DC12	REMOVE EXISTING EGGCRATE CEILING TILES AT SKYLIGHT LOCATIONS.
DC13	CEILING DIFFUSERS, COORDINATE WITH MECHANICAL DRAWINGS.
DC14	REMOVE EXISTING CEILING TO THE EXTENT SHOWN. PROTECT AND SECURE LIGHT FIXTURES DURING REMOVALS. COORDINATE WITH NEW WORK.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK INDICATED ON THE DOCUMENTS, EVEN IF ACTUAL CONDITIONS DIFFER FROM CONDITIONS SHOWN ON DRAWINGS. ANY VARYING EXISTING CONDITIONS AFFECTING THE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ADVANCE OF COMPLETING OR MODIFYING THE SCOPE OF WORK.
2. ALL REMOVALS SHALL BE COORDINATED ACCORDINGLY, AS NOT TO DISRUPT THE ONGOING OPERATIONS OF THE EXISTING FACILITIES. IF CIRCUMSTANCES REQUIRE THE DISRUPTION OF ANY OF THE EXISTING UTILITY SERVICES, NOTIFICATIONS SHALL BE GIVEN TO THE OWNER AND CONSTRUCTION MANAGER.
3. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. THIS IS THE RESPONSIBILITY OF EACH CONTRACTOR AS IT RELATES TO THEIR RESPECTIVE DEMOLITION AND NEW INSTALLATION WORK. PATCHES AND REPAIRS TO BE SMOKE TIGHT AND FIREPROOFED ACCORDINGLY. USE THE APPROPRIATE MATERIALS TO MATCH AND ALIGN WITH EXISTING CONSTRUCTION SO THAT THE INTEGRITY OF THE WALL ASSEMBLY IS MAINTAINED. THIS SHALL INCLUDE THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS WHERE REQUIRED IN ACCORDANCE WITH THE UL DESIGN HANDBOOK.
4. SALVAGED ITEMS SHALL BE TEMPORARILY STORED AND PROTECTED, UNLESS NOTED OTHERWISE TO TURN OVER TO THE OWNER.
5. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING/HANGING/SUPPORT SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS OR FLOOR/ROOF DECKS.
6. REFER TO HAZARDOUS MATERIAL, FOOD SERVICE, STRUCTURAL, AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
8. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
9. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL REMOVAL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN CONSTRUCTION DOCUMENTS WHETHER SHOWN OR NOT. COORDINATE ALL REMOVALS WITH NEW INSTALLATION AND CONSTRUCTION.
11. DURING REMOVALS AND CONSTRUCTION OPERATIONS PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC, SUCH AS, BUT NOT LIMITED TO BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
12. THE CONTRACTOR SHALL PROTECT ALL OTHER WORK AND COMPONENTS WHICH ARE TO REMAIN. CONTRACTOR SHALL REPLACE ANY ITEMS OR CONSTRUCTION DAMAGED DURING REMOVALS TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK. UNAFFECTED SECTIONS OF THE BUILDING SHALL BE SEALED OFF. TEMPORARY PARTITIONS SHALL BE PROVIDED AND MAINTANED AS NECESSARY TO CONFINE AND PROTECT WORK.
13. IF ANY EXISTING CONSTRUCTION THAT IS TO BE LEFT IN PLACE OR NOT SPECIFICALLY NOTED FOR REMOVAL IS DAMAGED DURING REMOVALS OR CONSTRUCTION WORK, IT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
14. COMPLETELY REMOVE INDICATED GLAZING SYSTEM INCLUDING ASSOCIATED HARDWARE, FASTENERS, SEALANTS, ETC. UNLESS OTHERWISE NOTED. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDDING OBJECTS EMBEDDED INTO EXISTING WALLS.
15. ALL MATERIAL SHOWN TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE IN A TIMELY MANNER, INCLUDING PROPER DISPOSAL OF HAZARDOUS MATERIALS AS REQUIRED. THE CONTRACTOR SHALL NOT STOCKPILE DEMOLISHED OR HAZARDOUS MATERIALS ON SITE, UNLESS CONFINED TO A CONSTRUCTION DUMPSTER OR HAZARDOUS WASTE DUMPSTER.
16. COORDINATE THE STORAGE AND HANDLING OF EXISTING MATERIAL TO BE SALVAGED/REUSED WITH OWNER AND CONSTRUCTION MANAGER.

CEILING DEMOLITION LEGEND

▩	EXISTING CEILING TO REMAIN
▨	EXISTING GWB/PLASTER CEILING TO BE REMOVED
▦	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN
▧	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⬚	2'x4' LIGHT FIXTURE
⬚	2'x2' LIGHT FIXTURE
⬚	1'x4' LIGHT FIXTURE

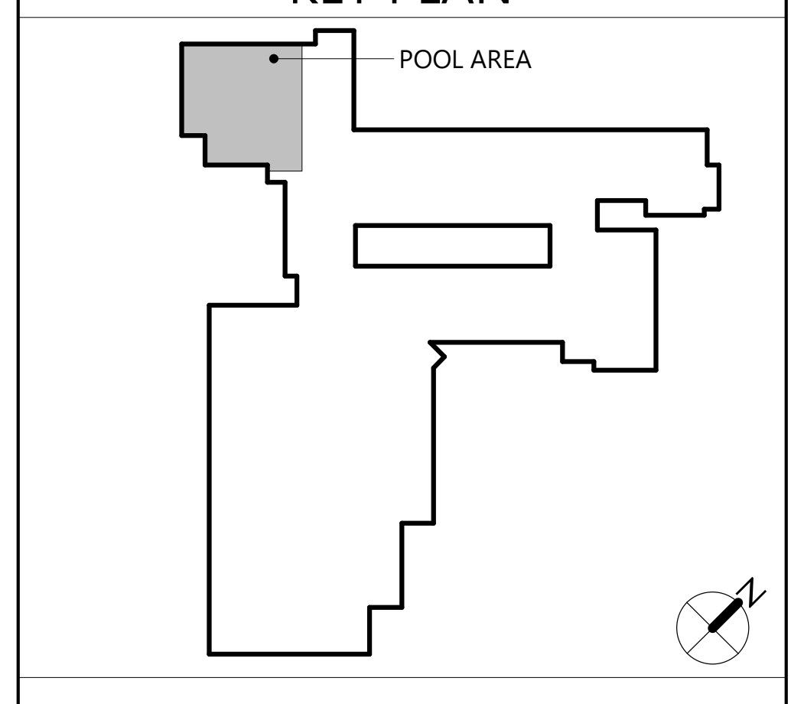
ACOUSTICAL EQUIPMENT

⬚	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⬚	HVAC SUPPLY GRILLE
⬚	HVAC RETURN GRILLE

KEY PLAN



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Sheet Title

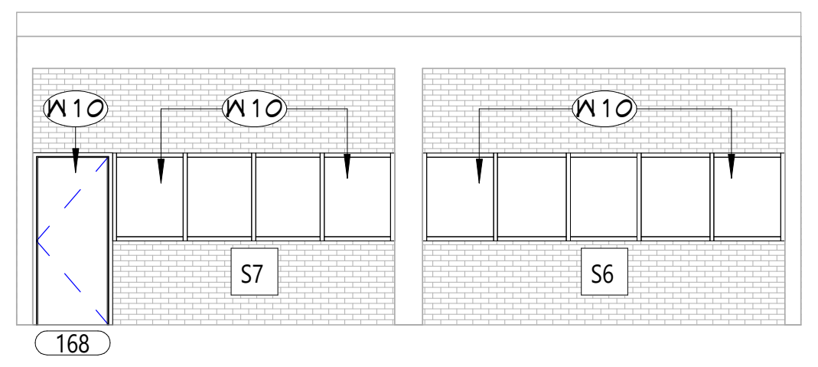
POOL AREA - DEMOLITION REFLECTED CEILING PLAN

Sheet No.

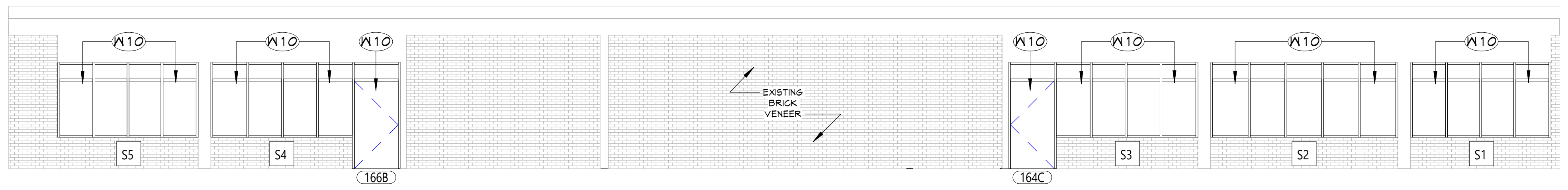
WHS
AD821

CONSTRUCTION DOCUMENTS

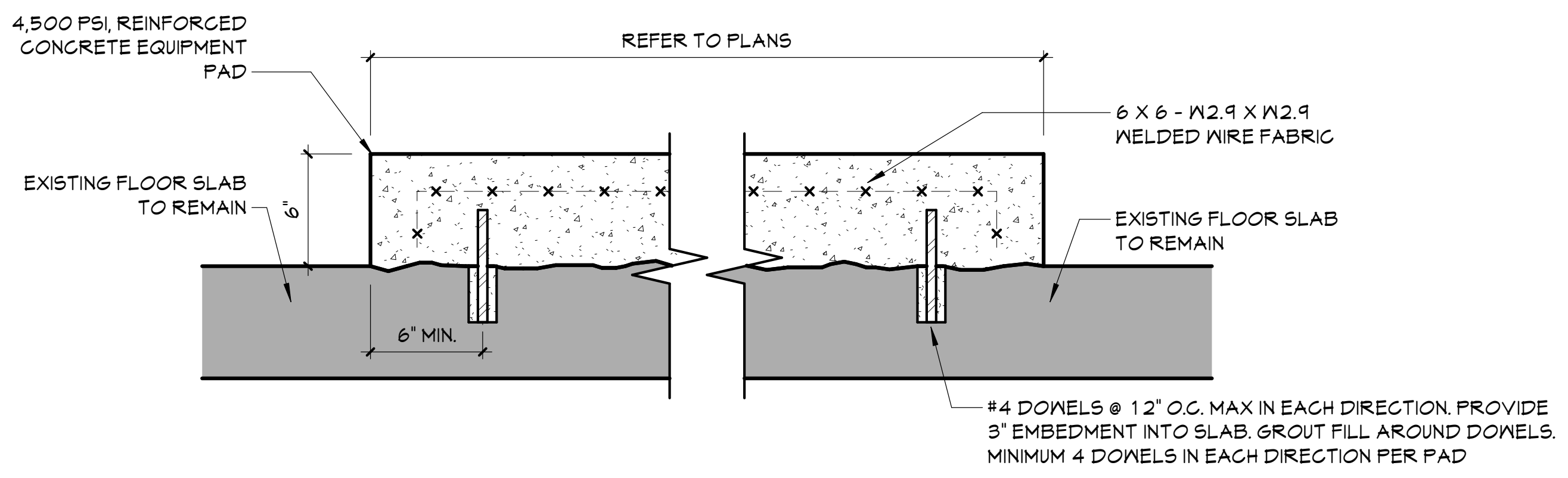
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



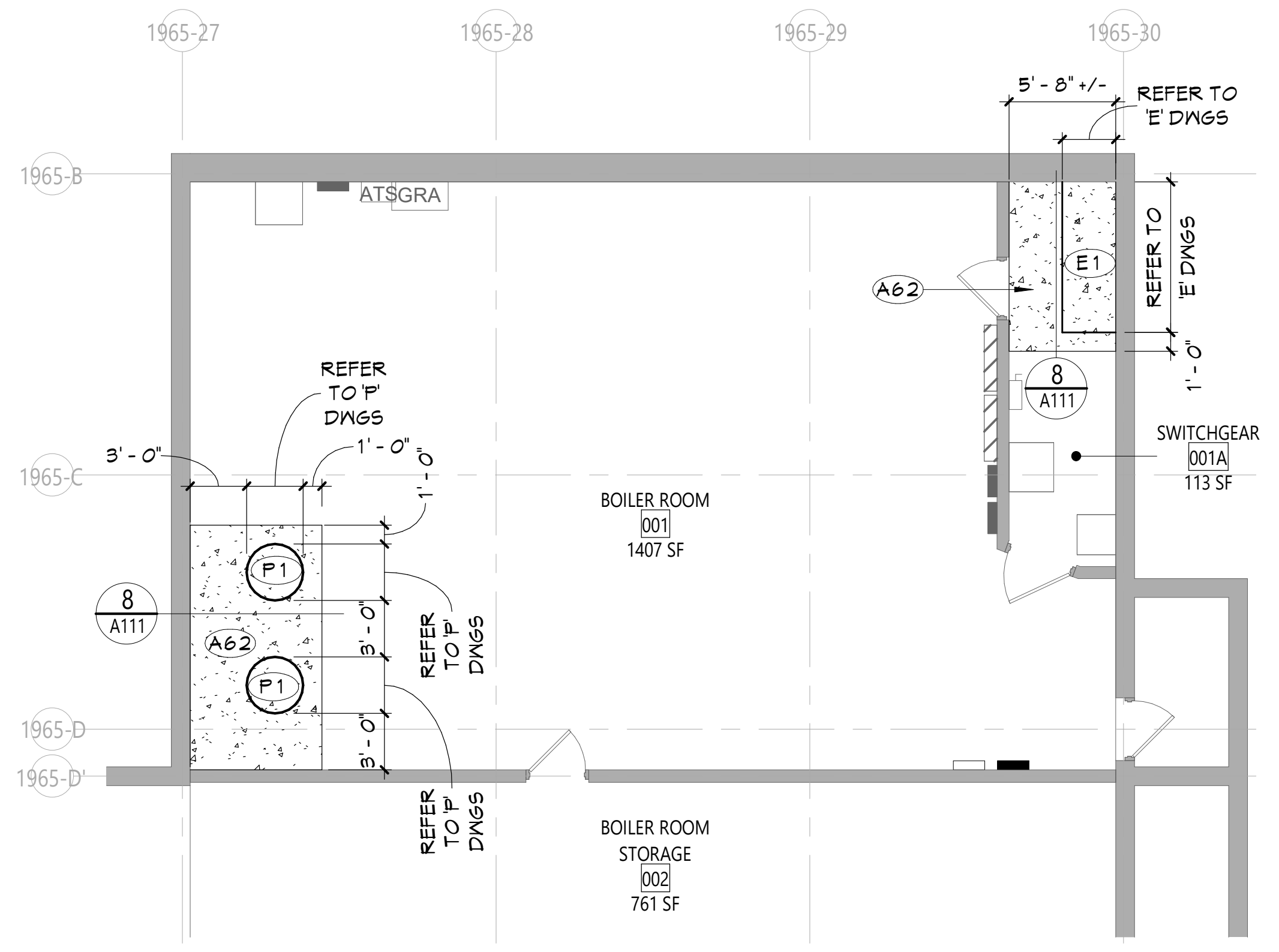
4 CAFETERIA C - NEW WORK ELEVATION
A111 1/8" = 1'-0"



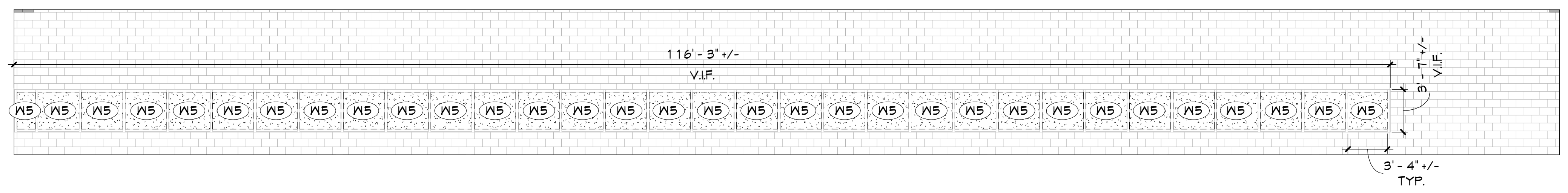
3 CAFETERIA A & B - NEW WORK ELEVATION
A111 1/8" = 1'-0"


4,500 PSI REINFORCED CONCRETE EQUIPMENT PAD
REFER TO PLANS
6 X 6 - W2.9 X W2.9 WELDED WIRE FABRIC
EXISTING FLOOR SLAB TO REMAIN
EXISTING FLOOR SLAB TO REMAIN
6"
6" MIN.
#4 DOWELS @ 12" O.C. MAX IN EACH DIRECTION. PROVIDE 3" EMBEDMENT INTO SLAB. GROUT FILL AROUND DOWELS. MINIMUM 4 DOWELS IN EACH DIRECTION PER PAD

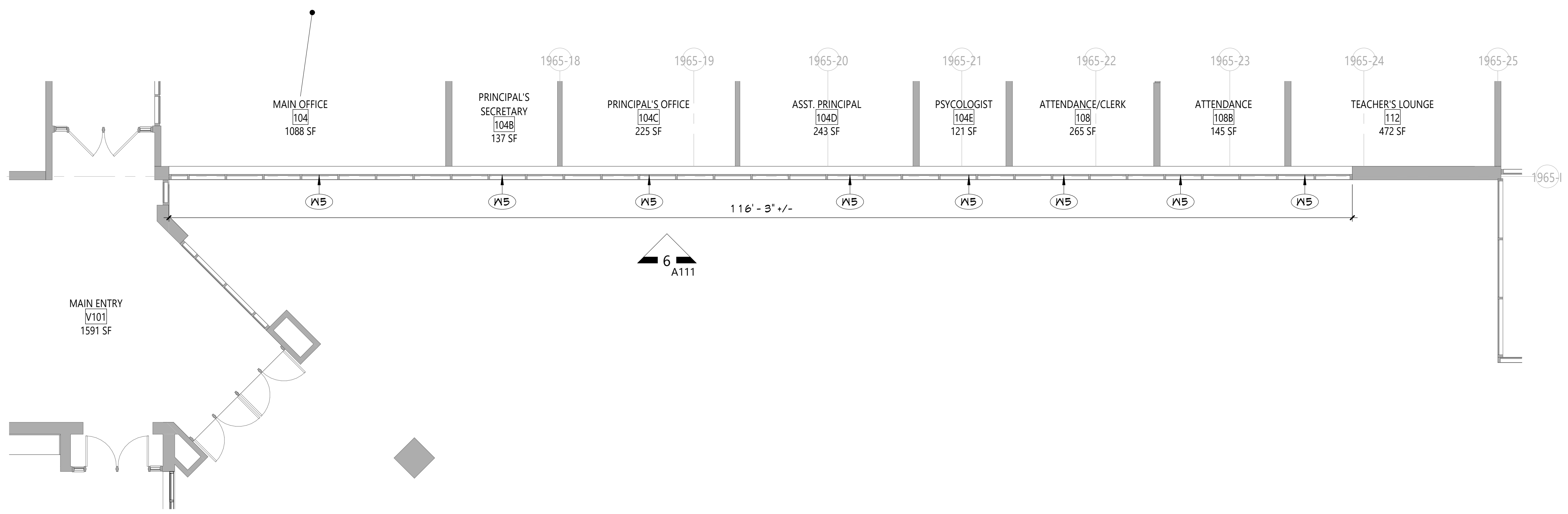
8 CONCRETE PAD DETAIL
A111 1 1/2" = 1'-0"



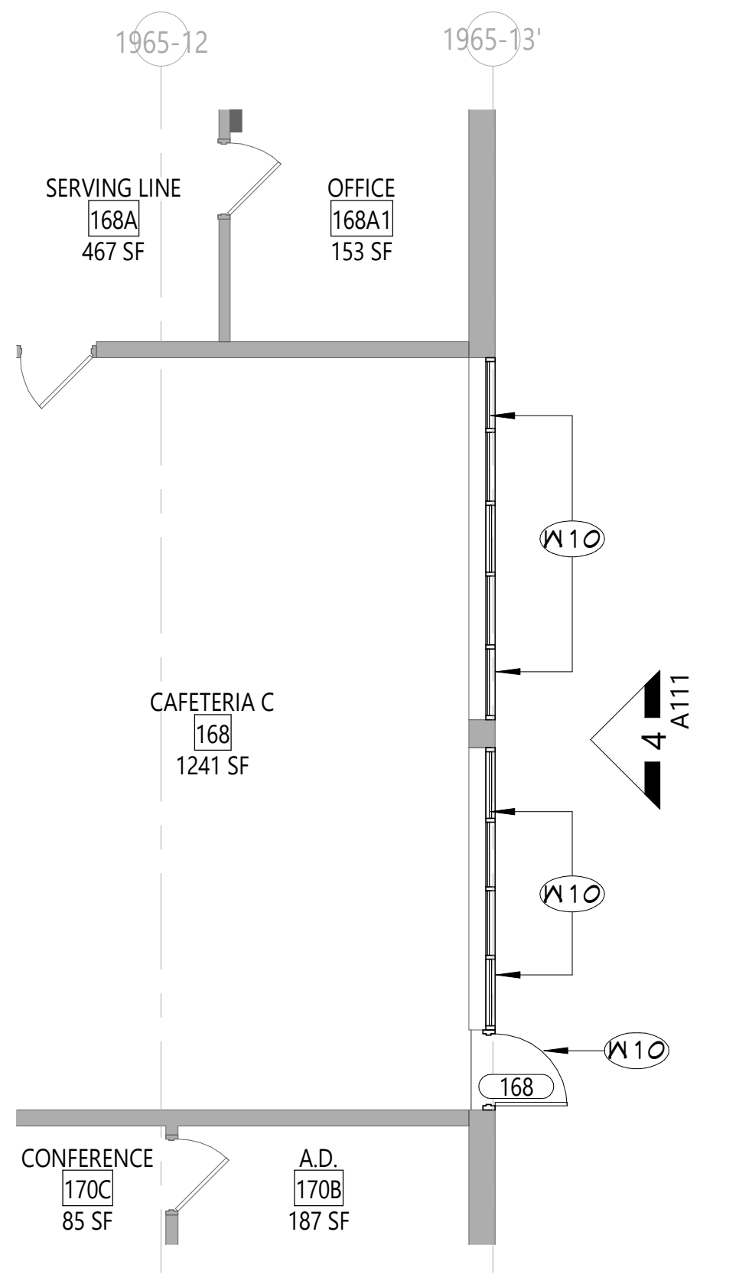
7 BOILER ROOM NEW WORK PLAN
A111 1/8" = 1'-0"



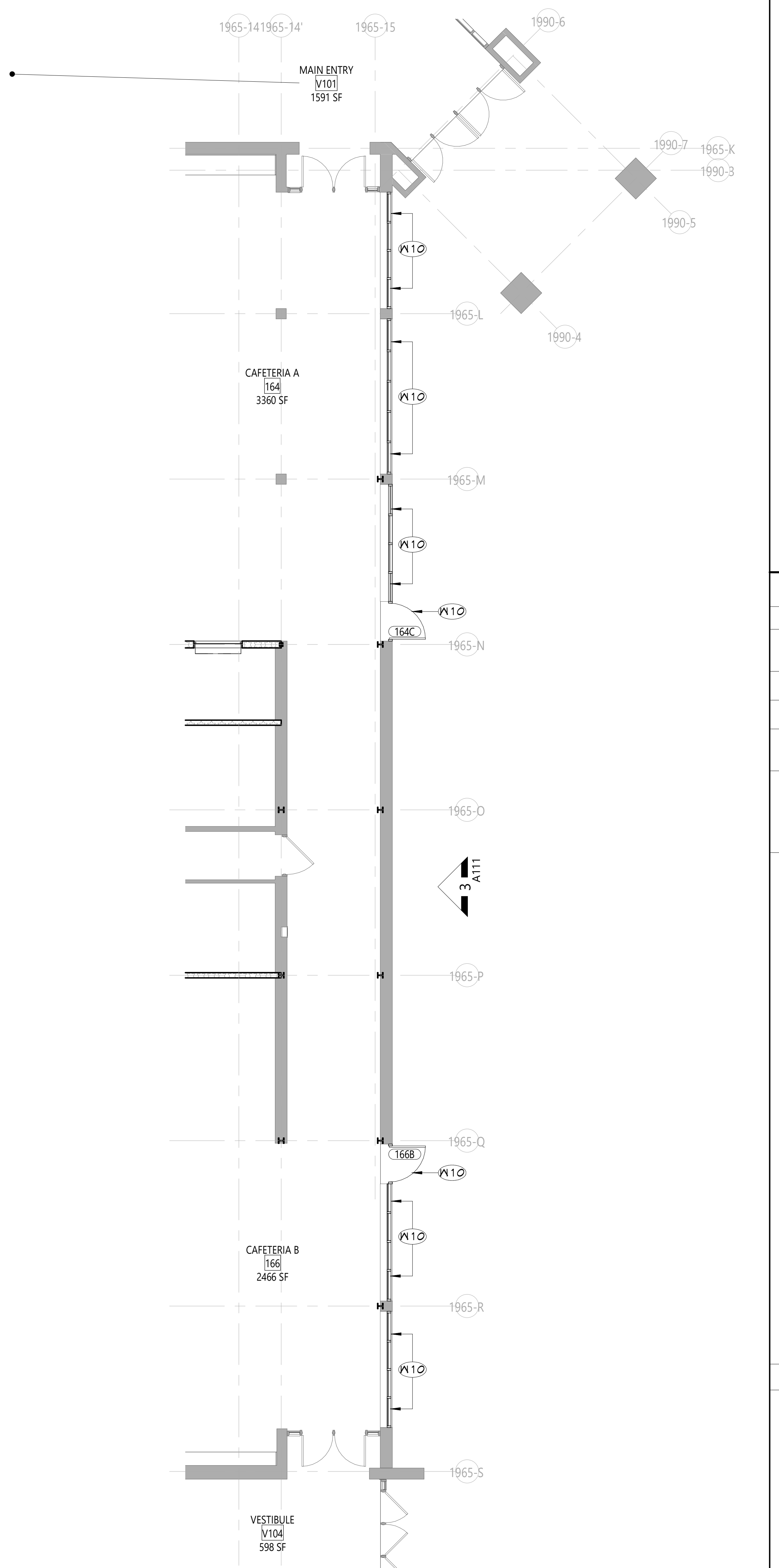
6 MAIN OFFICE WINDOWS - NEW WORK ELEVATION
A111 1/8" = 1'-0"



5 MAIN OFFICE WING - NEW WORK PLAN
A111 1/8" = 1'-0"



2 CAFETERIA C - NEW WORK PLAN
A111 1/8" = 1'-0"



1 CAFETERIA A & B - NEW WORK PLAN
A111 1/8" = 1'-0"

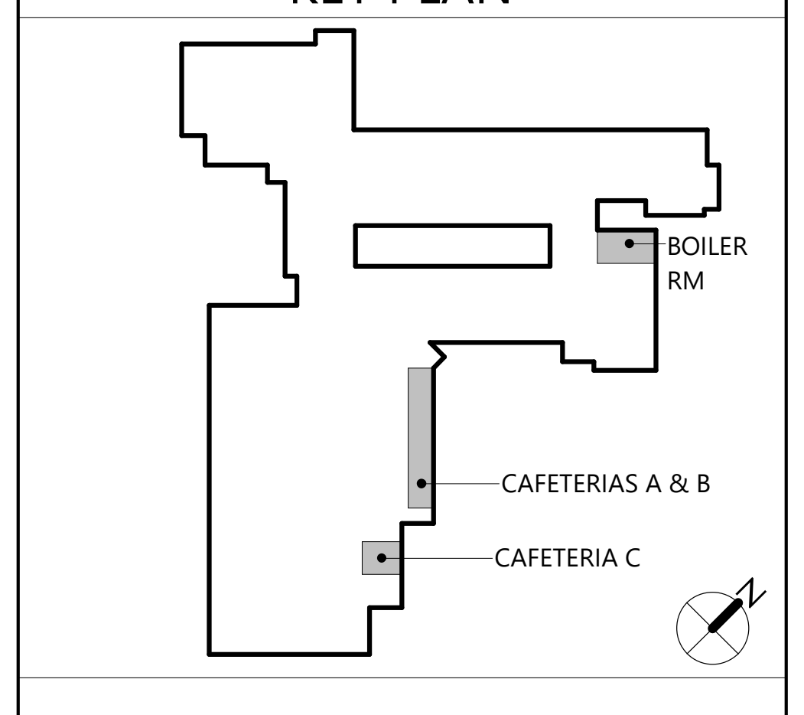
NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK KEYNOTES

	Description
A62	PROVIDE NEW RAISED CONCRETE EQUIPMENT PAD. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
W5	PROVIDE NEW SECURITY GLAZING FILM AS SPECIFIED. INSTALL AS PER MANUFACTURERS RECOMMENDATION.
W10	PROVIDE NEW ALUMINUM STOREFRONT/WINDOW SYSTEM INCLUSIVE OF ALL FRAMES, GLAZING, HARDWARE, AND BLOCKING TO SET SYSTEM INTO EXISTING MASONRY OPENING. SEE A900 SHEETS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY PLAN



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Sheet Title
CAFETERIA & BOILER ROOM - NEW WORK PLANS & ELEVATIONS

Sheet No.
WHS A111

CONSTRUCTION DOCUMENTS

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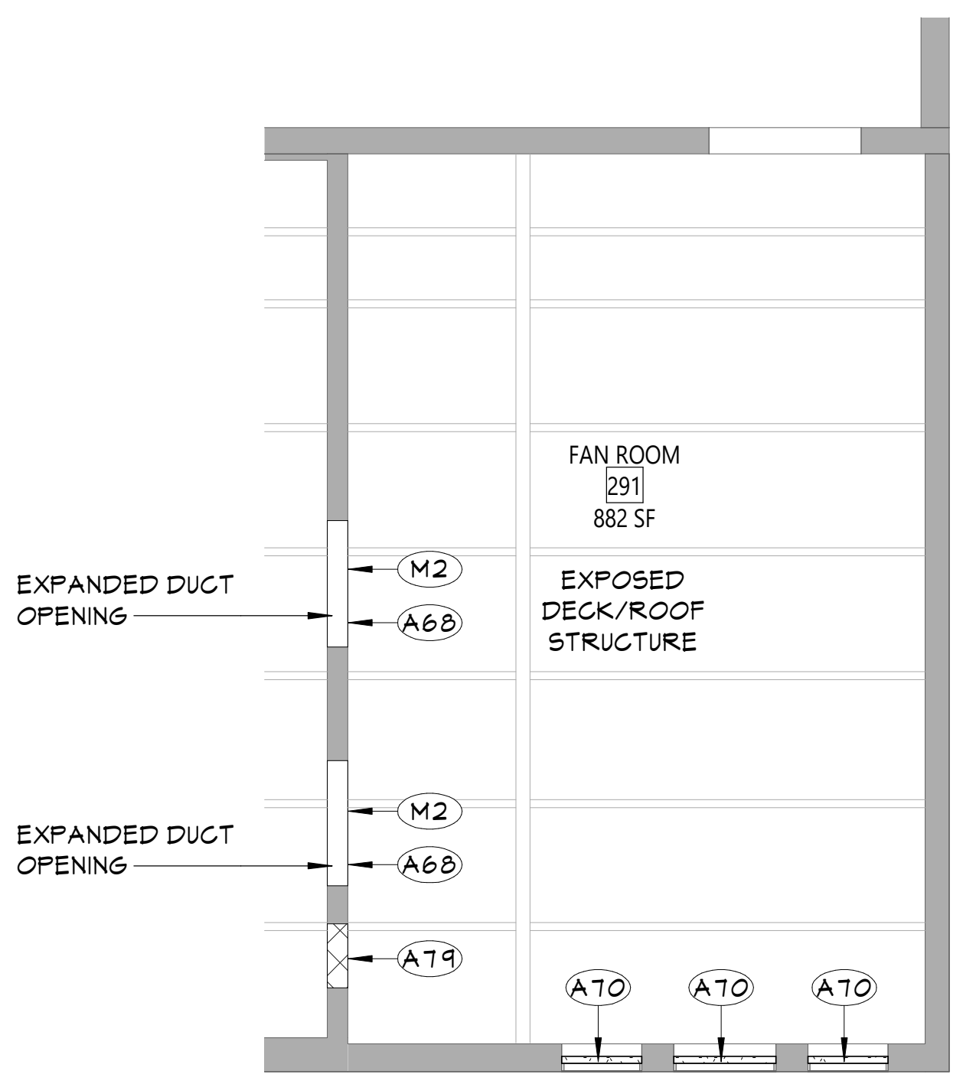
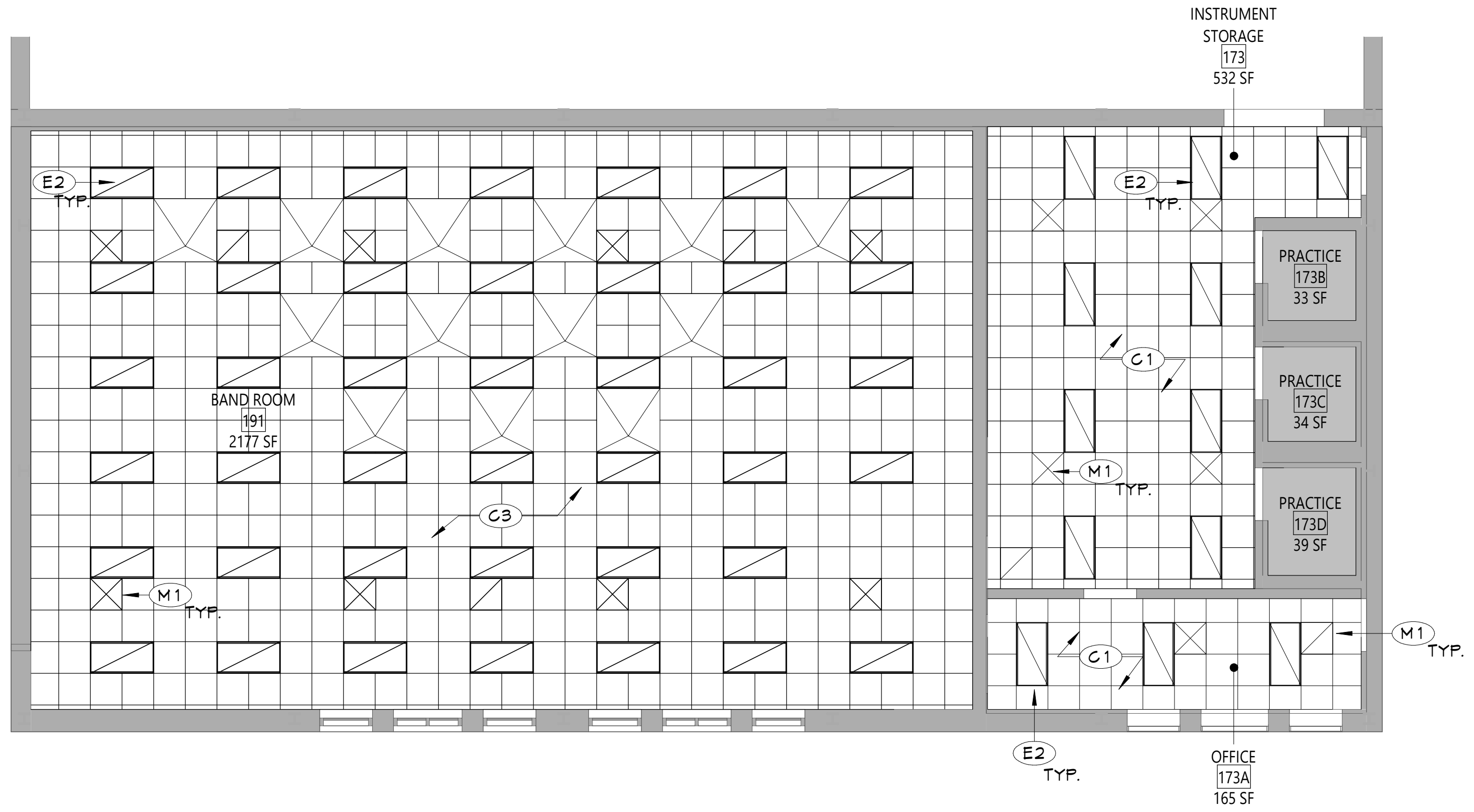
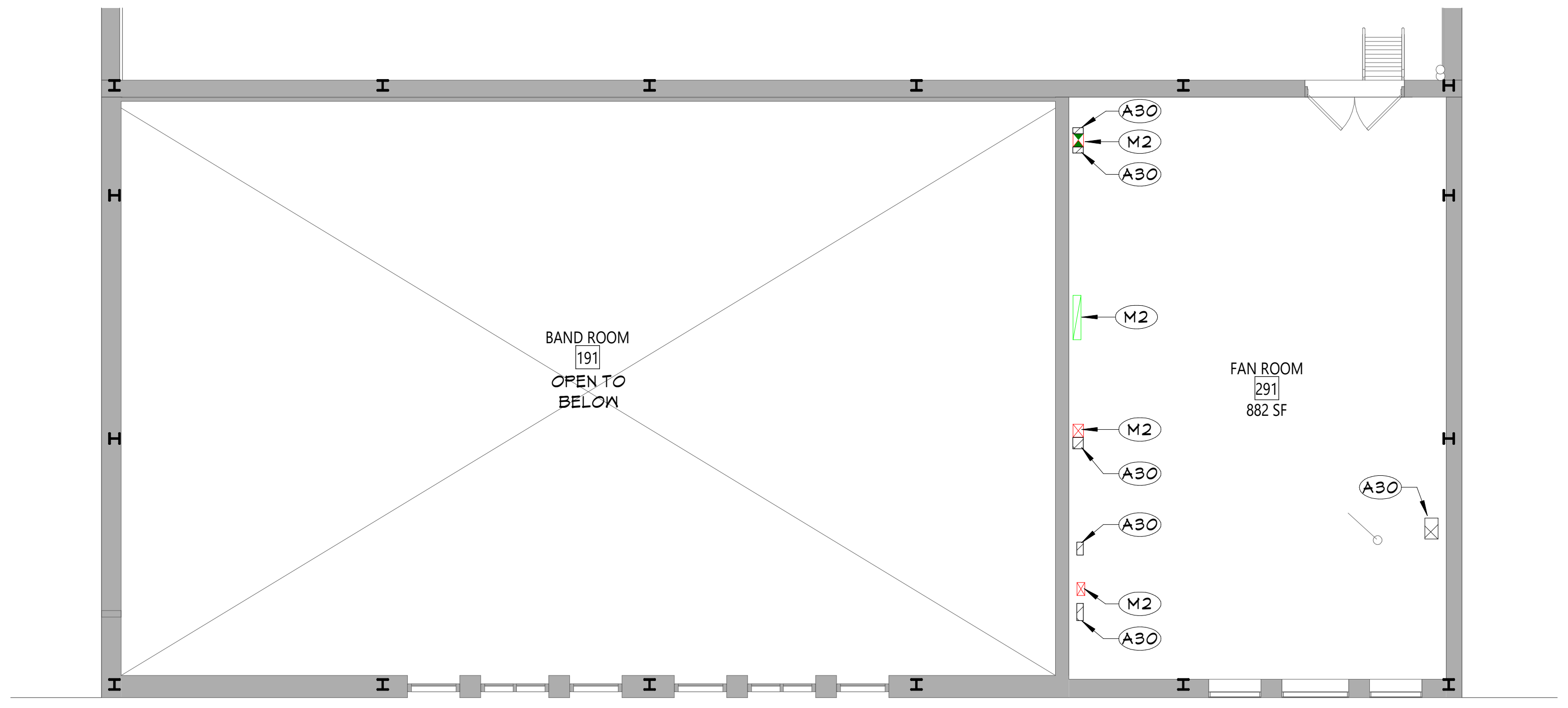


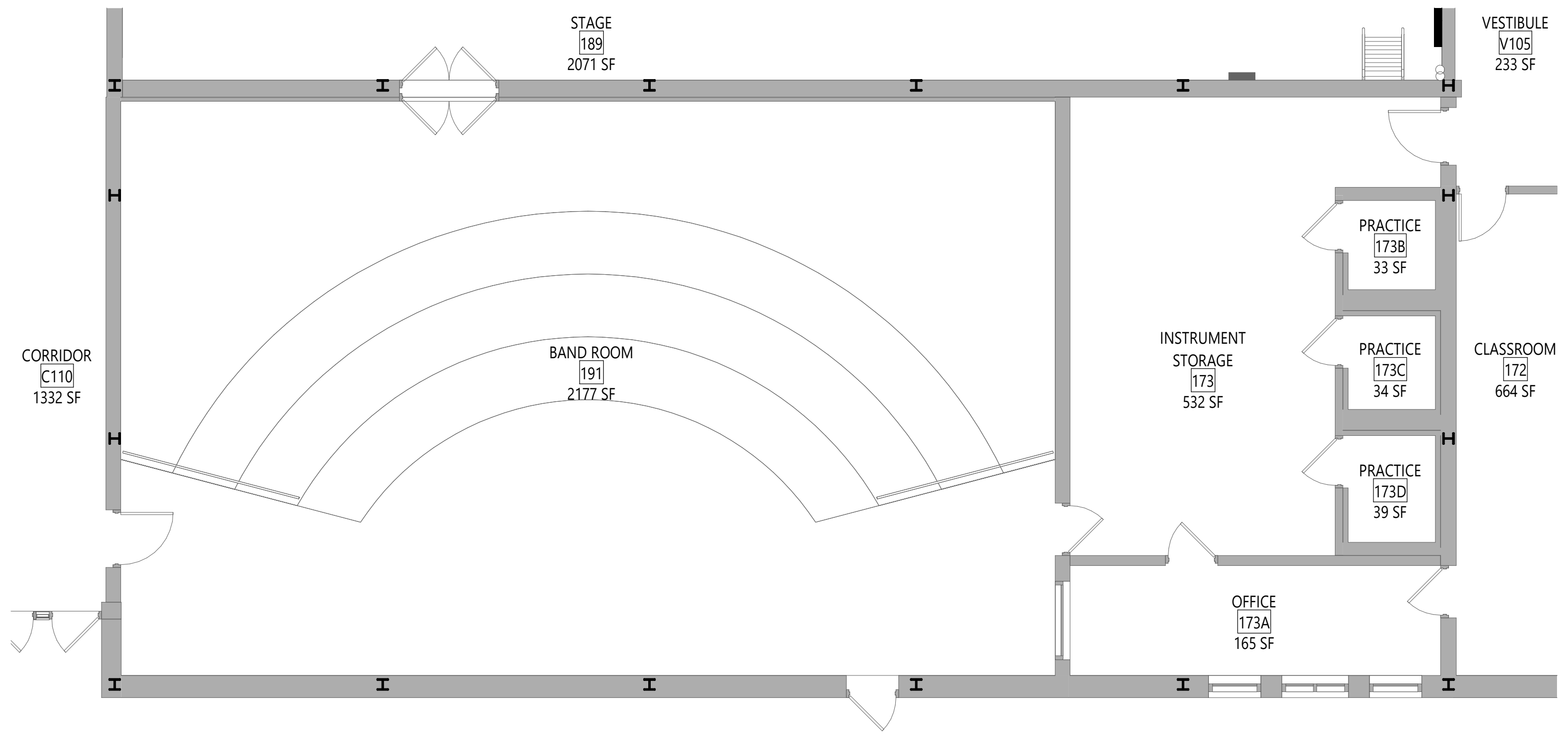
4 FAN ROOM - NEW WORK RCP
A112 1/8" = 1'-0"



2 BAND ROOM - NEW WORK RCP
A112 1/8" = 1'-0"



3 FAN ROOM - NEW WORK PLAN
A112 1/8" = 1'-0"



NOTE: FLOOR PLAN SHOWN FOR REFERENCE ONLY. SEE 2/A112, 3/A112, & 4/A112 FOR SCOPE OF WORK.

1 BAND ROOM - FLOOR PLAN
A112 1/8" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
⊞	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
▦	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⧄	2'x4' LIGHT FIXTURE
⧄	2'x2' LIGHT FIXTURE
⧄	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧅	HVAC RETURN GRILLE

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
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11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
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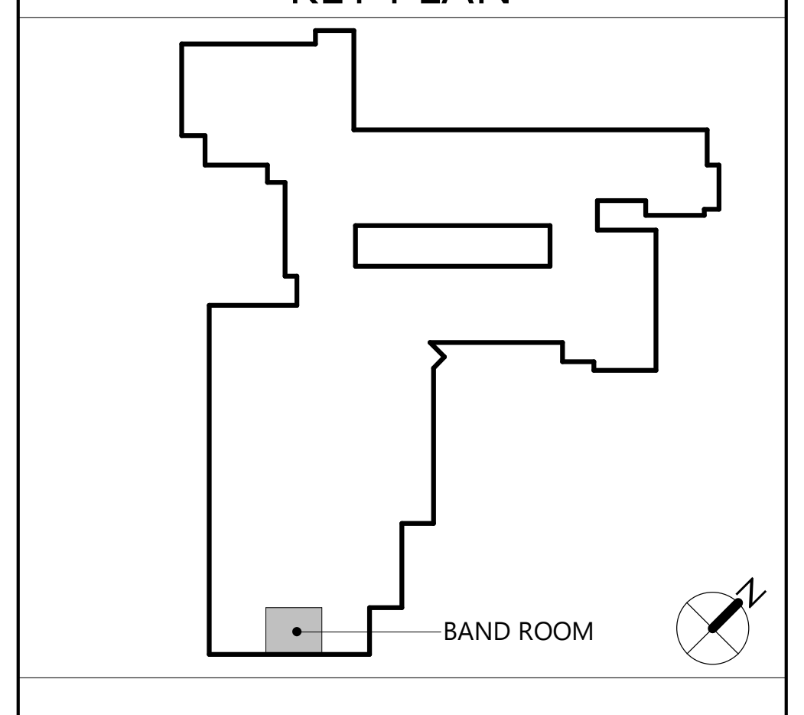
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK KEYNOTES

	Description
A30	PROVIDE 1/2 INCH PLYWOOD OVER 5/8 INCH TYPE X GYPSUM BOARD AT TOP AND BOTTOM EDGES OF EXISTING OPENING IN FLOOR SLAB. INFILL VOID BETWEEN GYPSUM BOARD WITH MINERAL WOOL INSULATION. COORDINATE WITH MECHANICAL DRAWINGS.
A68	PROVIDE NEW STEEL LINTEL AT NEW DUCTWORK PENTRATON AND SEAL EDGES COMPLETELY. COORDINATE WITH STRUCTURAL & MECHANICAL DRAWINGS.
A70	LOUVER TO REMAIN. PROVIDE METAL COMPOSITE INFILL PANEL AT INTERIOR SIDE OF LOUVER AND SEAL COMPLETELY AT EDGES.
A79	INFILL WALL AT EXISTING DUCT OPENING. COORDINATE WITH MECHANICAL DRAWINGS.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C3	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REINSTALL SALVAGED CLOUD CEILING UNITS ACCORDINGLY. COORDINATE WITH MEP DRAWINGS.
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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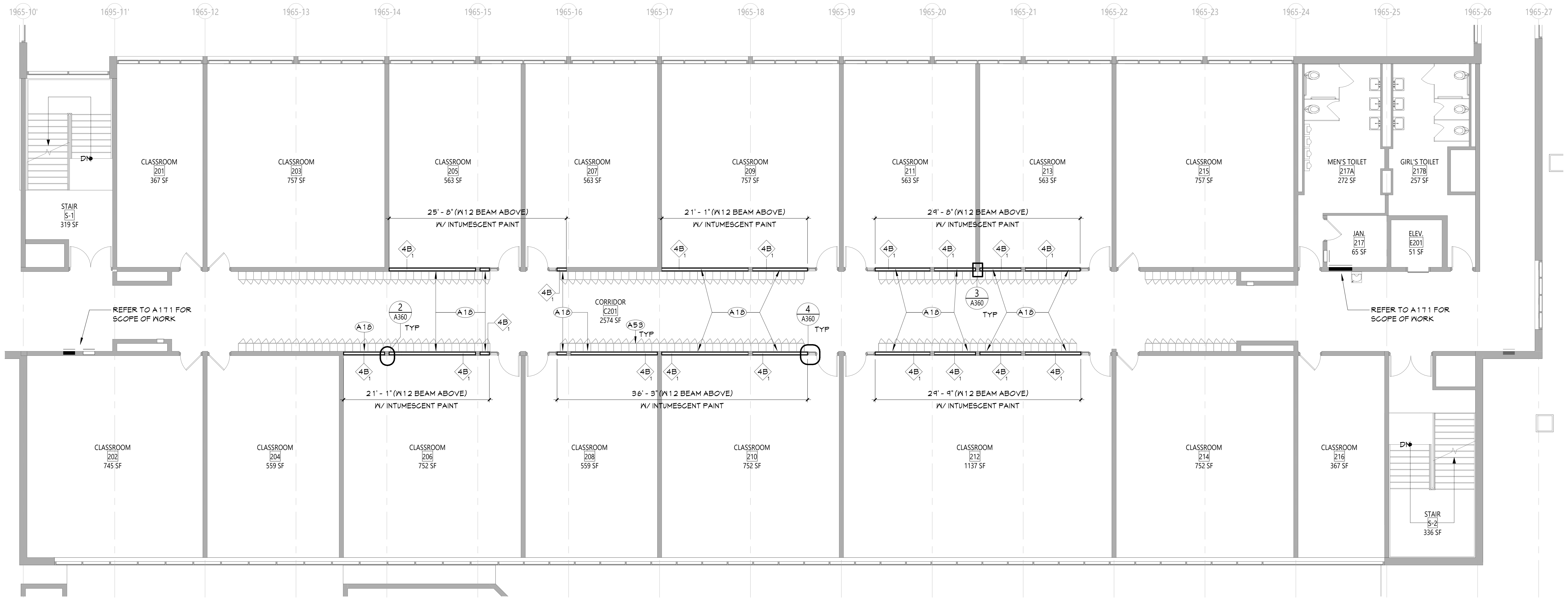
Sheet Title
BAND ROOM - NEW WORK PLANS

Sheet No.
WHS A112

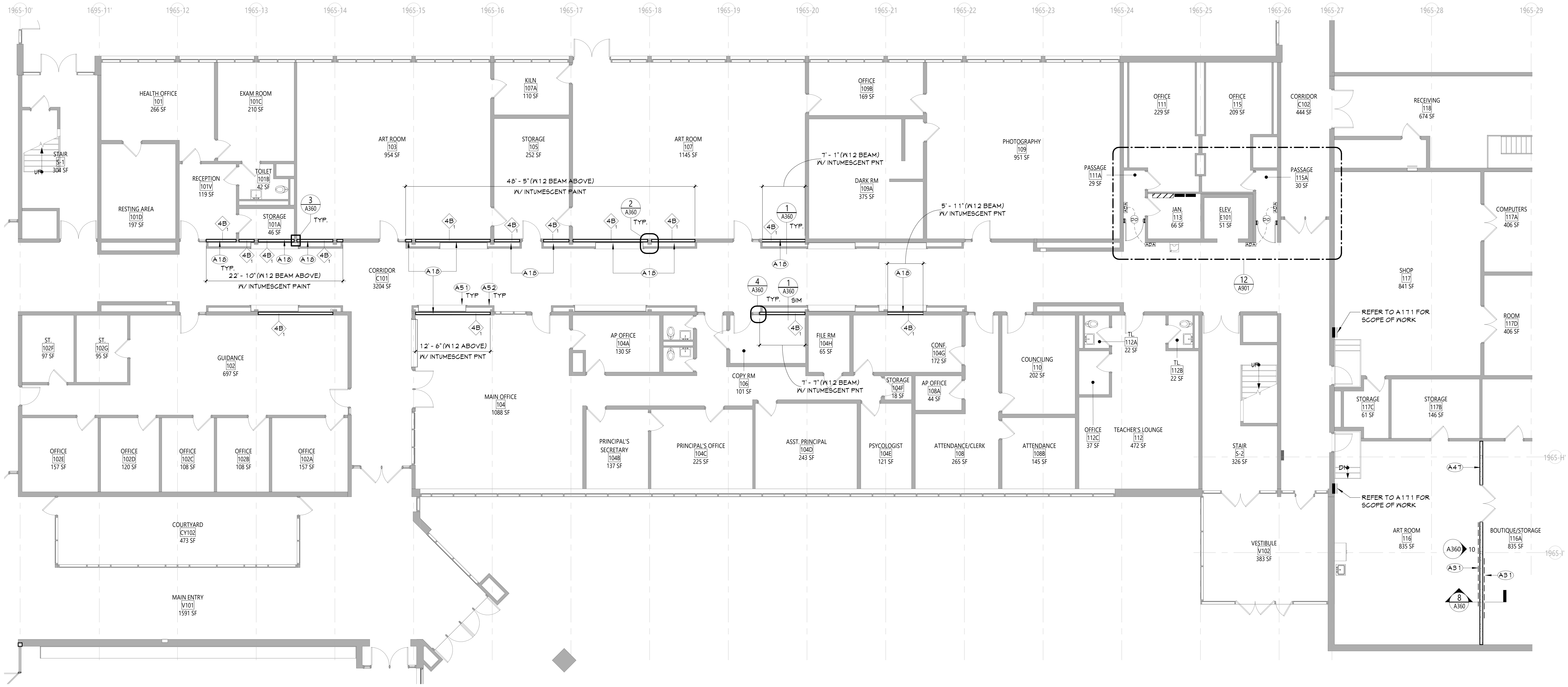
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 CORRIDOR C201 - NEW WORK PLAN

A113 1/8" = 1'-0"



1 CORRIDOR C101 - NEW WORK PLAN

A113 1/8" = 1'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
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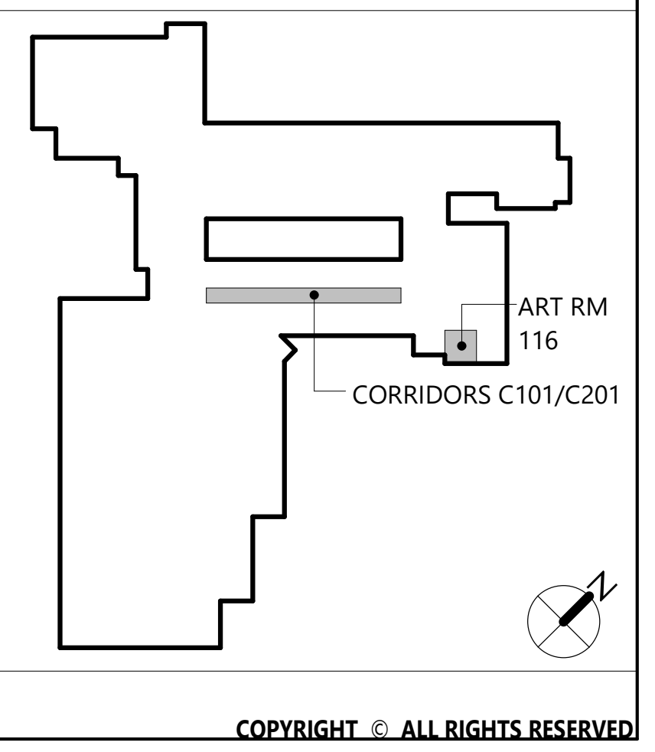
NEW WORK KEYNOTES

	Description
A18	PROVIDE NEW PARTITION INFILL. PATCH, SAND, AND PAINT ENTIRE PARTITION TO MATCH ADJACENT PARTITION. REFER TO SHEET A360 FOR DETAILS. COORDINATE PARTITION TYPES WITH A700 SERIES DRAWINGS.
A31	REINSTALL EXISTING SALVAGED TACKBOARD.
A47	PROVIDE NEW GYPSUM WALL BOARD INFILL TO THE UNDERSIDE OF EXISTING BEAM. FACE OF NEW GYPSUM WALL BOARD TO BE FLUSH WITH EXISTING PARTITIONS. PATCH, SAND, AND PAINT PARTITION IN ITS ENTIRETY ON BOTH SIDES TO MATCH EXISTING.
A51	EXISTING DISPLAY CASE/CASEWORK TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A52	EXISTING MURALS TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A53	EXISTING LOCKERS TO REMAIN. PROTECT DURING NEW INSTALLATIONS.

KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
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THOMAS M. RITZENTHALER
023344
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Sheet Title

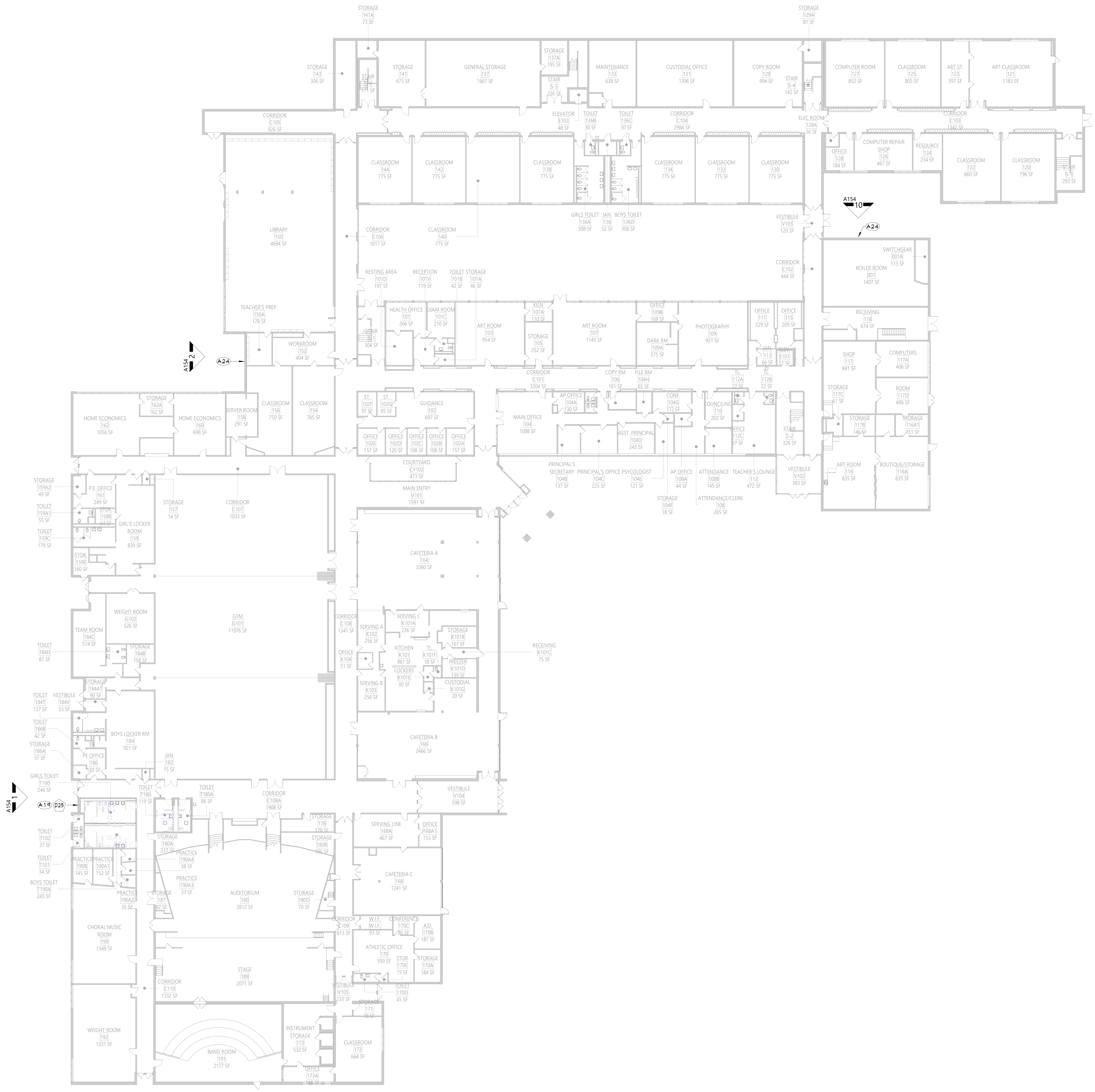
CORRIDORS
C101 & C201 -
NEW WORK
PLANS

Sheet No.

WHS
A113

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



1 EXTERIOR MASONRY REPAIR GROUND FLOOR PLAN - OVERALL

A151

1" = 20'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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DEMOLITION KEYNOTES

	Description
D25	REMOVE DAMAGED OR DETERIORATED AREA OF BRICK VENEER TO THE CMU BACKUP WALL TO THE EXTENT SHOWN. PROVIDE TEMPORARY SHORING TO SUPPORT THE EXISTING BRICK VENEER TO REMAIN.

NEW WORK KEYNOTES

	Description
A19	PROVIDE NEW BRICK VENEER INFILL TO MATCH EXISTING MASONRY. PROVIDE WEEP HOLES, ANCHORS, FLASHING, AND DRAINAGE PLANE PER INDUSTRY STANDARDS.PROTECT ADJACENT SURFACES DURING WORK.
A24	PROVIDE CLEANING OF EXISTING BRICK VENEER. CLEANING SHALL BE COMPLETED USING A MILD DETERGENT SOLUTION AND LOW-PRESSURE WATER RINSE (MAX 500 PSI) TO REMOVE DIRT, DEBRIS, AND EFFLORESCENCE. AVOID ABRASIVE METHODS OR HIGH-PRESSURE WASHING THAT COULD DAMAGE MORTAR JOINTS OR VENEER SURFACE. PROTECT ADJACENT MATERIALS DURING CLEANING. PROVIDE SAFETY KLEAN BY PROSOCO, OR APPROVED EQUAL. COMPLY WITH MANUFACTURER RECOMMENDATIONS AND LOCAL REGULATIONS.

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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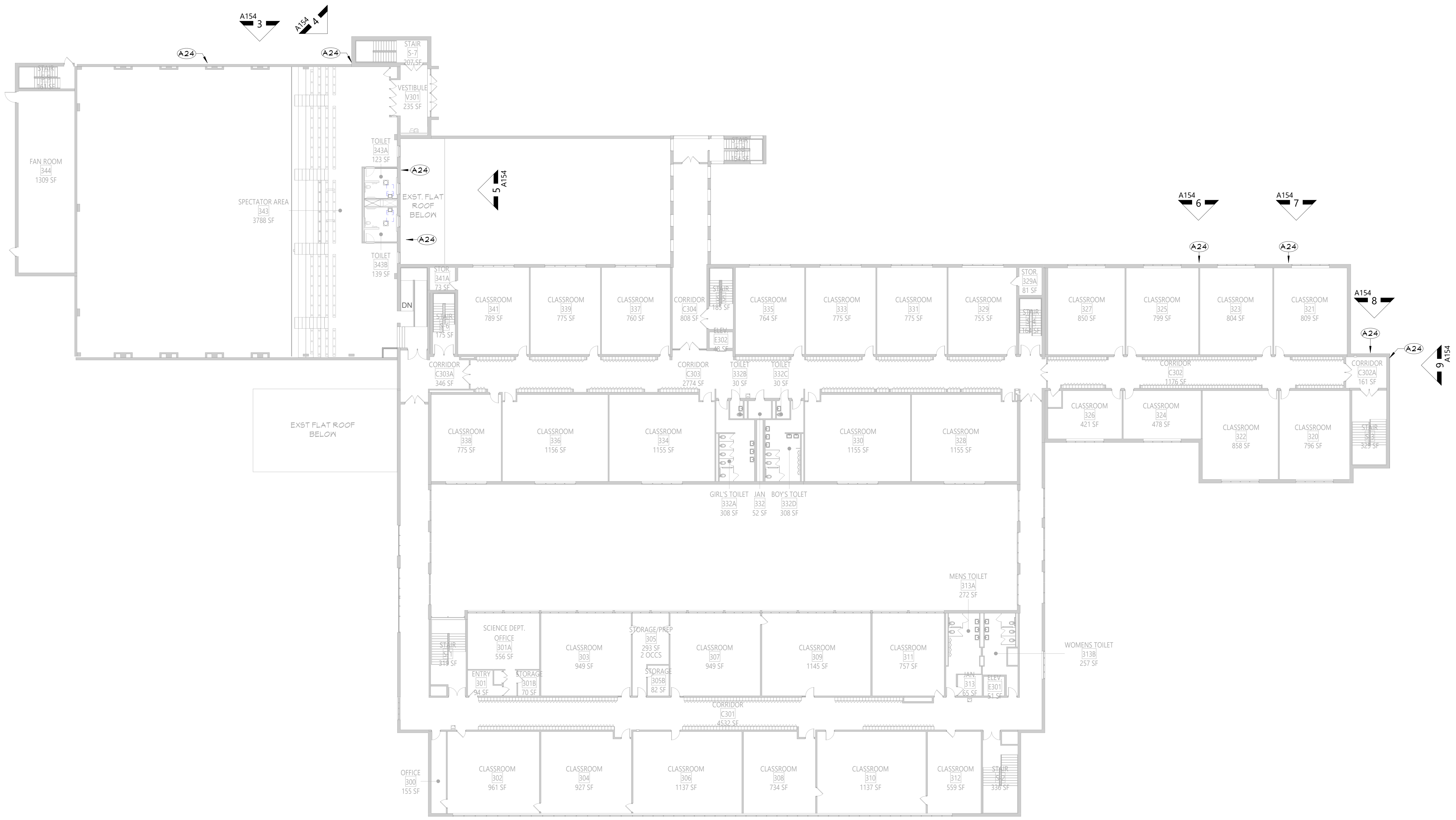
Sheet Title
MASONRY REPAIR - OVERALL GROUND FLOOR PLAN

Sheet No.
WHS A151

CONSTRUCTION DOCUMENTS



1
A153

EXTERIOR MASONRY REPAIR THIRD FLOOR PLAN OVERALL

1" = 20'-0"

NEW WORK GENERAL NOTES

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NEW WORK KEYNOTES

	Description
A24	PROVIDE CLEANING OF EXISTING BRICK VENEER. CLEANING SHALL BE COMPLETED USING A MILD DETERGENT SOLUTION AND LOW-PRESSURE WATER RINSE (MAX 500 PSI) TO REMOVE DIRT, DEBRIS, AND EFFLORESCENCE. AVOID ABRASIVE METHODS OR HIGH-PRESSURE WASHING THAT COULD DAMAGE MORTAR JOINTS OR VENEER SURFACE. PROTECT ADJACENT MATERIALS DURING CLEANING. PROVIDE SAFETY KLEAN BY PROSOCO, OR APPROVED EQUAL. COMPLY WITH MANUFACTURER RECOMMENDATIONS AND LOCAL REGULATIONS.

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Sheet Title
MASONRY
REPAIR -
OVERALL
THIRD FLOOR
PLAN

Sheet No.
WHS
A153

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

DEMOLITION KEYNOTES

	Description
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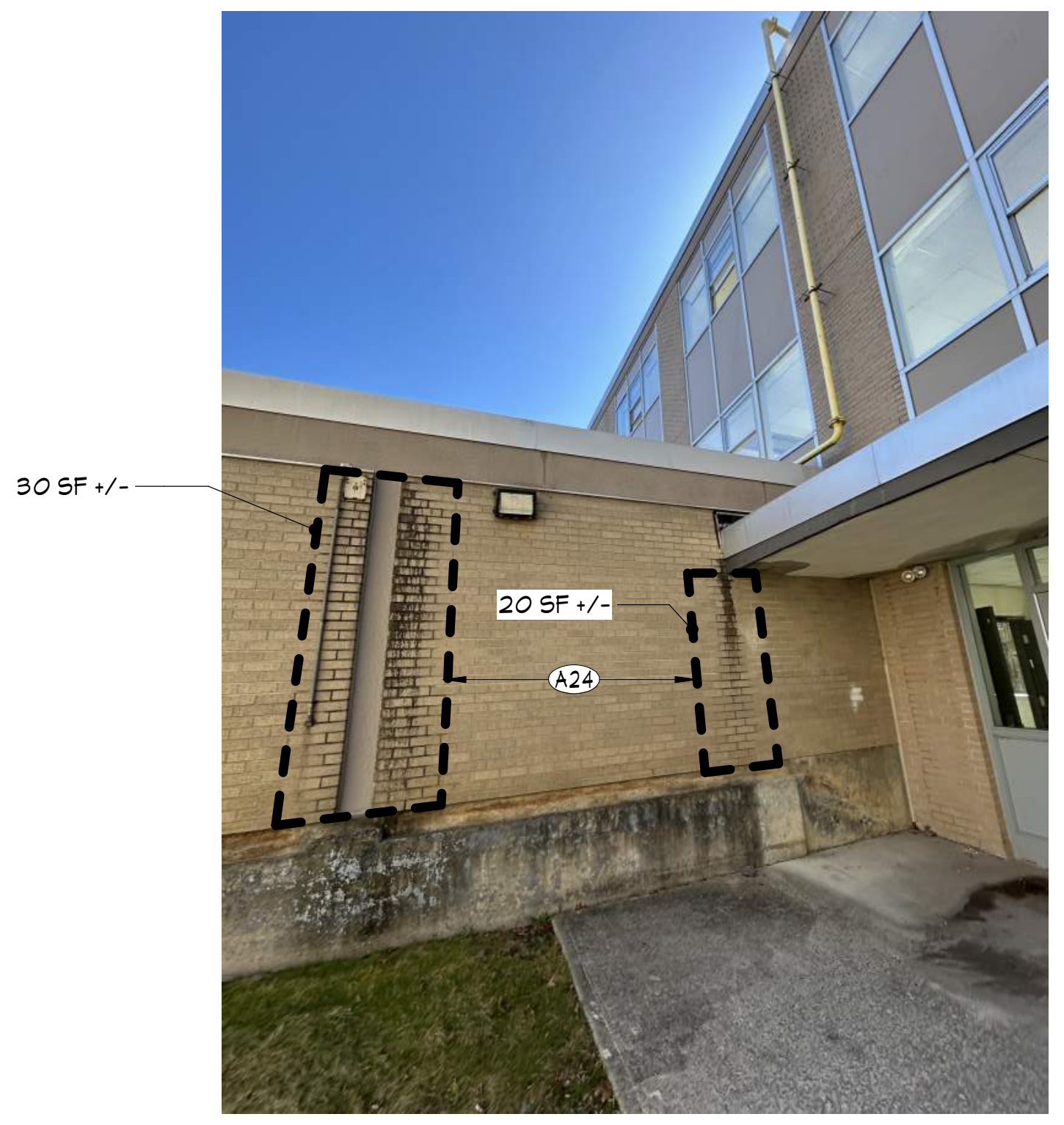
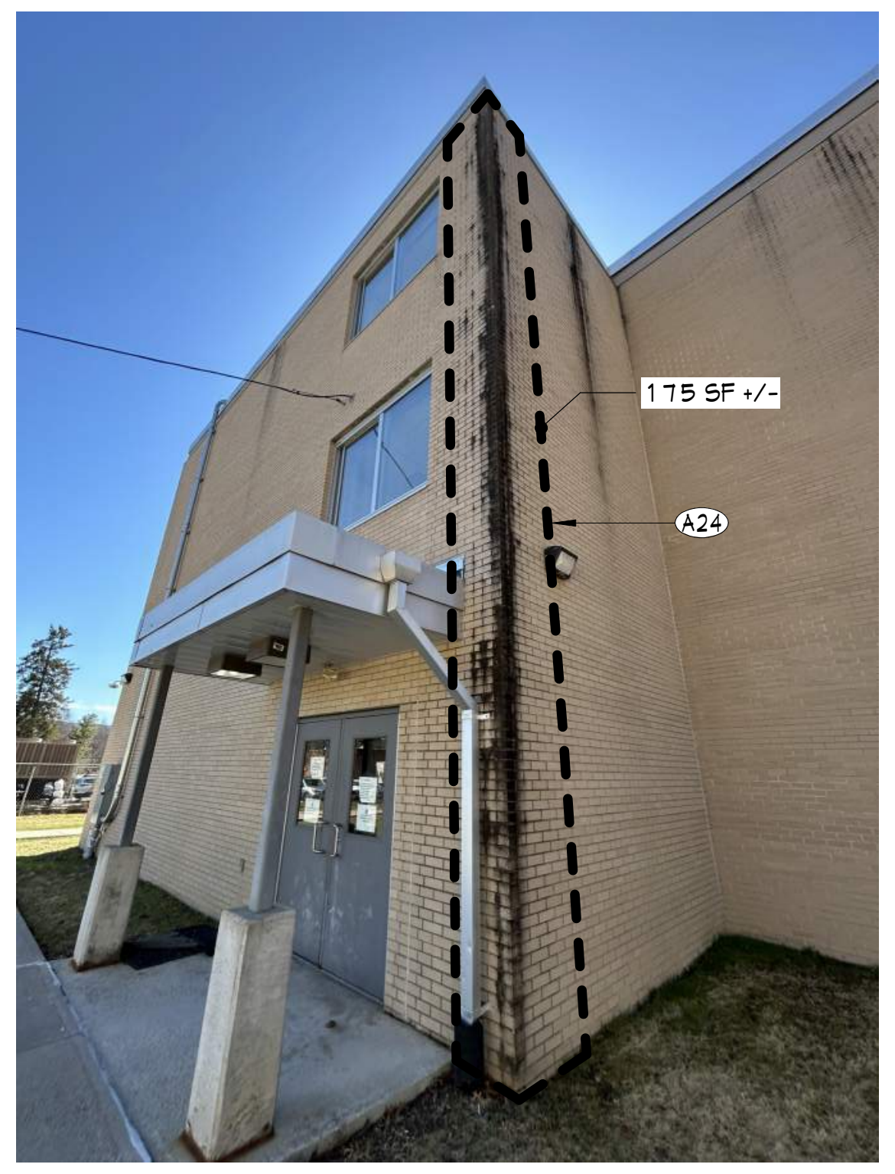
NEW WORK KEYNOTES

	Description
A19	PROVIDE NEW BRICK VENEER INFILL TO MATCH EXISTING MASONRY. PROVIDE WEEP HOLES, ANCHORS, FLASHING, AND DRAINAGE PLANE PER INDUSTRY STANDARDS.PROTECT ADJACENT SURFACES DURING WORK.
A24	PROVIDE CLEANING OF EXISTING BRICK VENEER. CLEANING SHALL BE COMPLETED USING A MILD DETERGENT SOLUTION AND LOW-PRESSURE WATER RINSE (MAX 500 PSI) TO REMOVE DIRT, DEBRIS, AND EFFLORESCENCE. AVOID ABRASIVE METHODS OR HIGH-PRESSURE WASHING THAT COULD DAMAGE MORTAR JOINTS OR VENEER SURFACE. PROTECT ADJACENT MATERIALS DURING CLEANING. PROVIDE SAFETY KLEAN BY PROSOCO, OR APPROVED EQUAL. COMPLY WITH MANUFACTURER RECOMMENDATIONS AND LOCAL REGULATIONS.



10 EC PHOTO - MASONRY REPAIR
A154 Not to Scale



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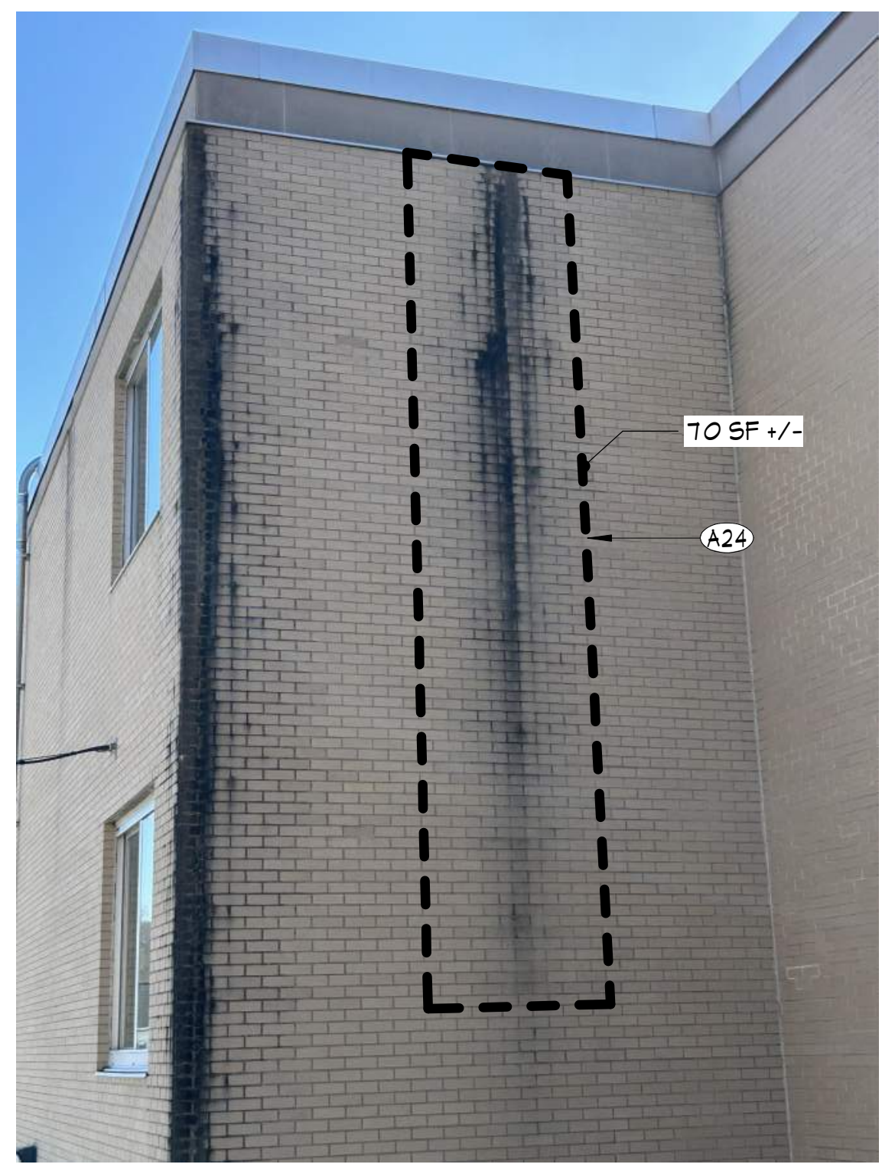

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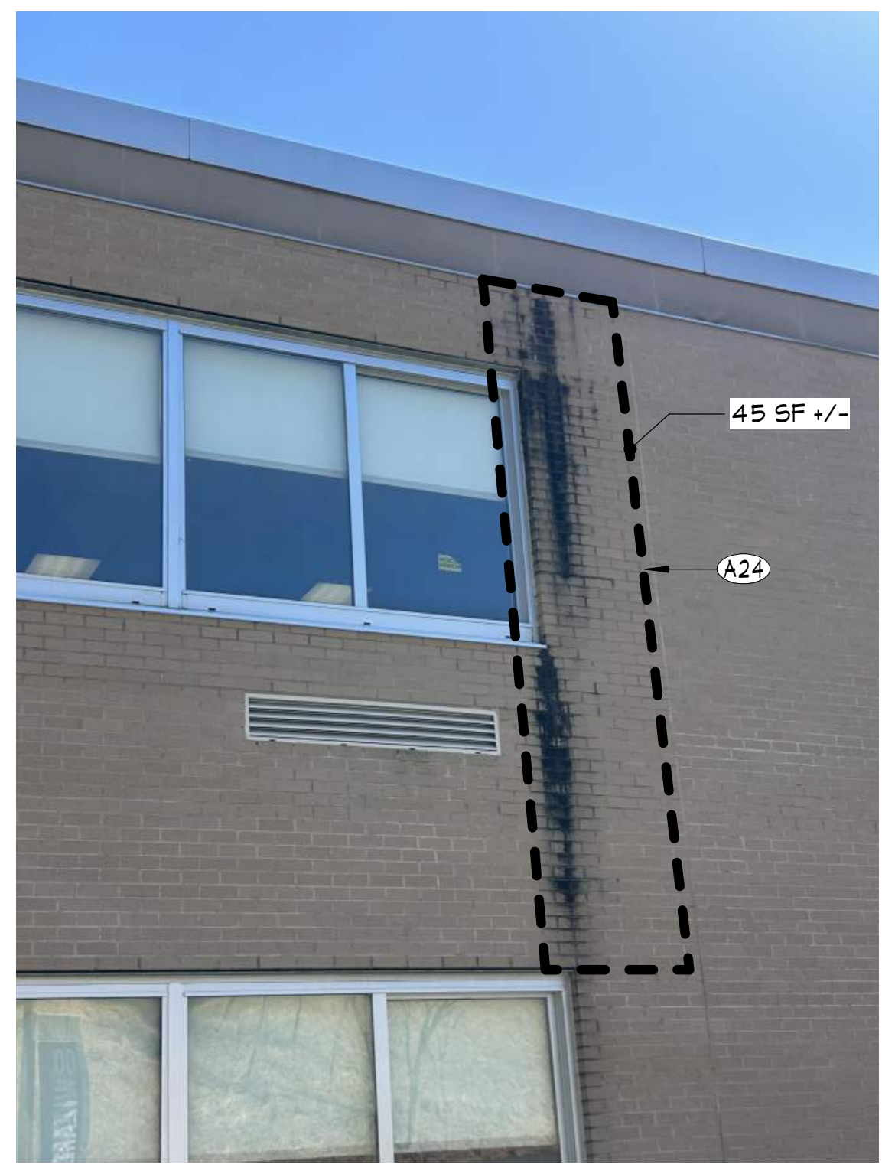

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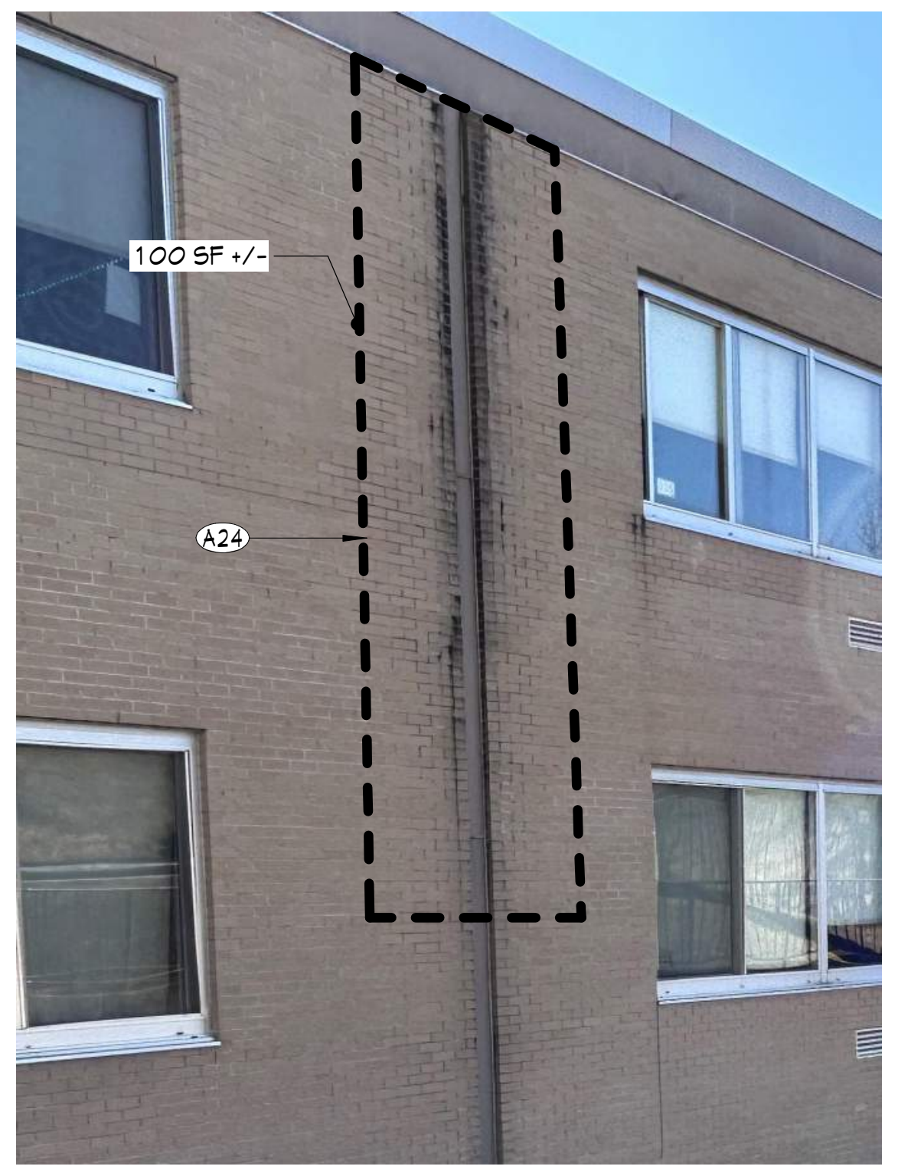

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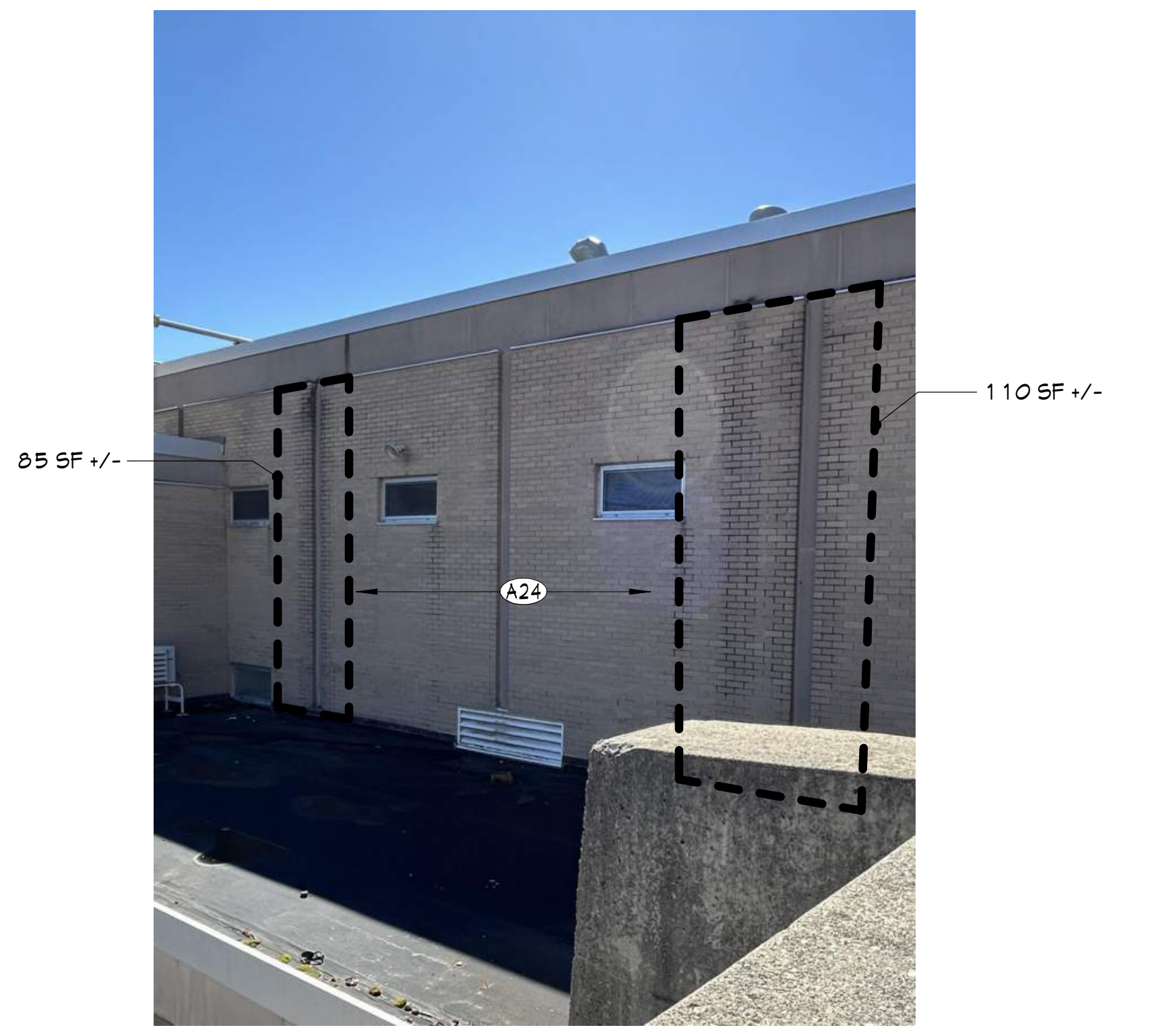

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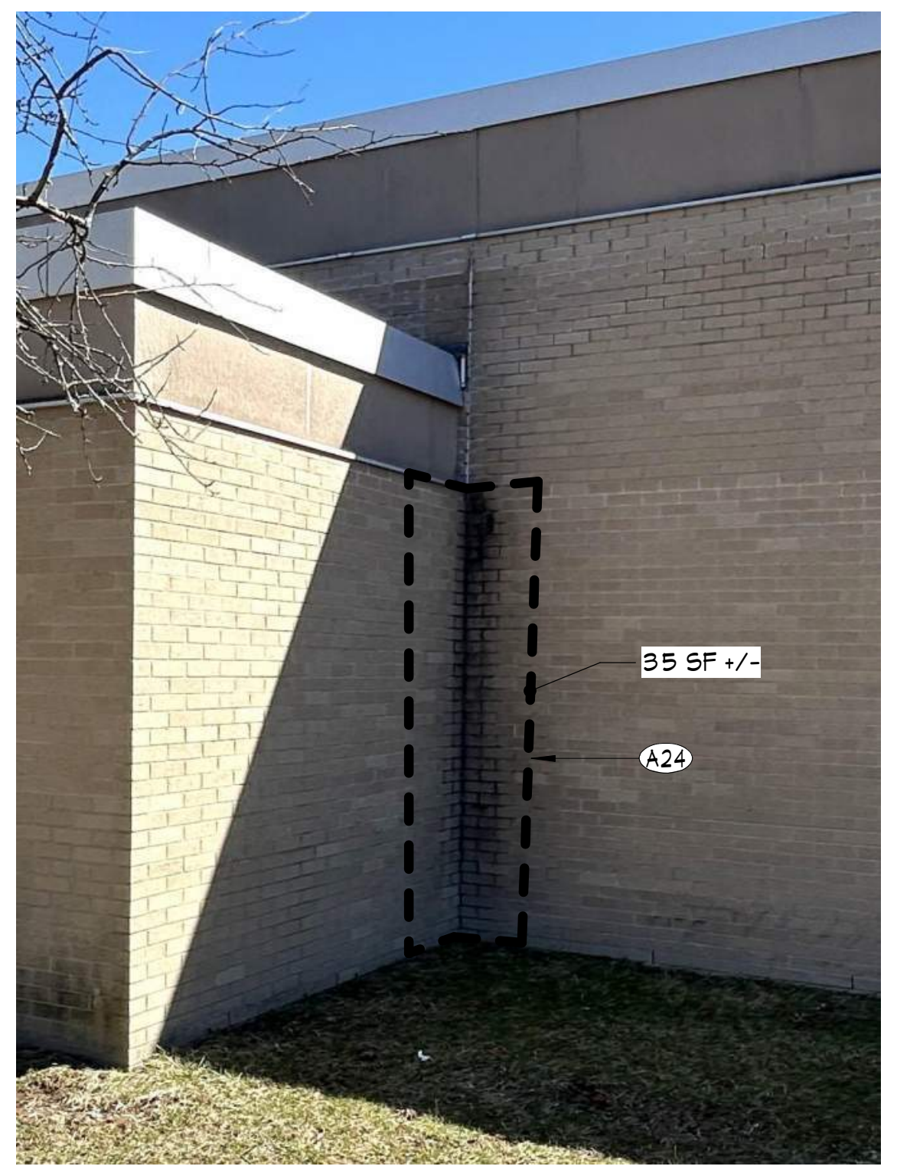

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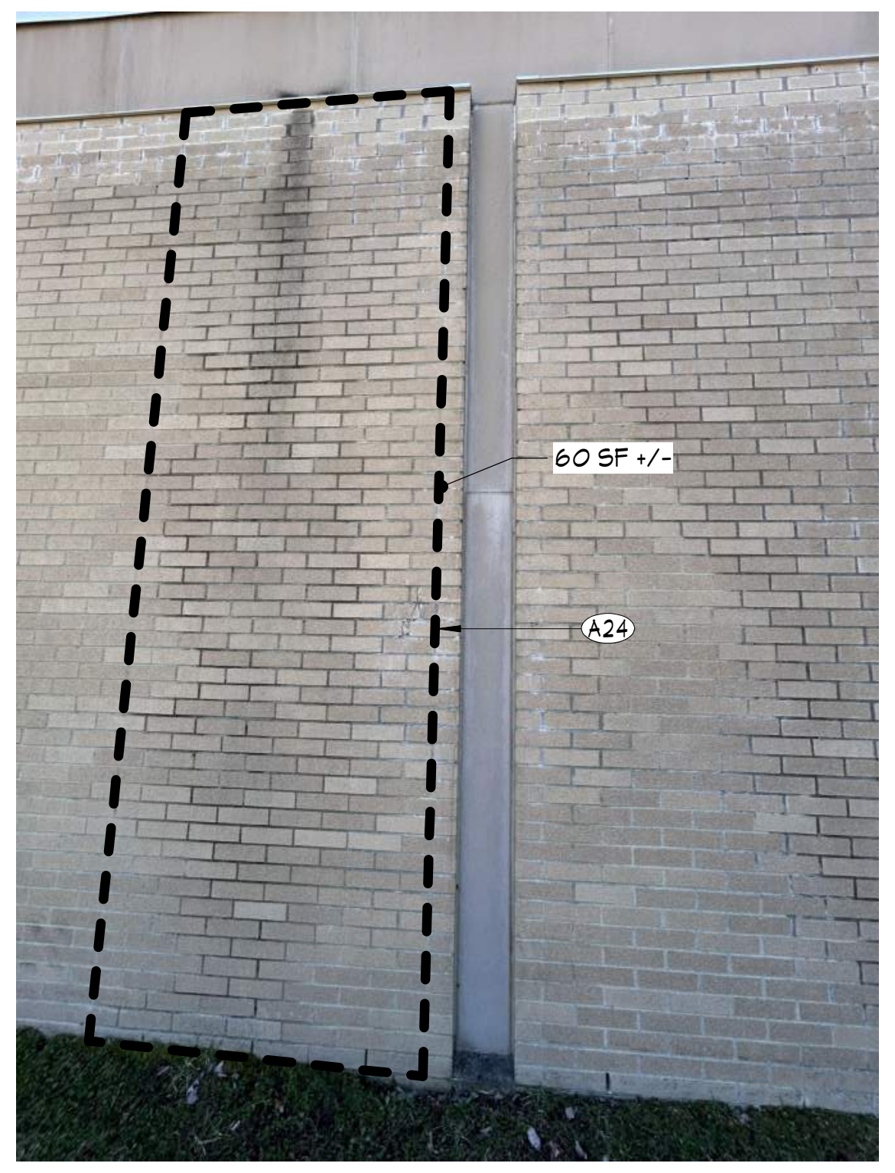

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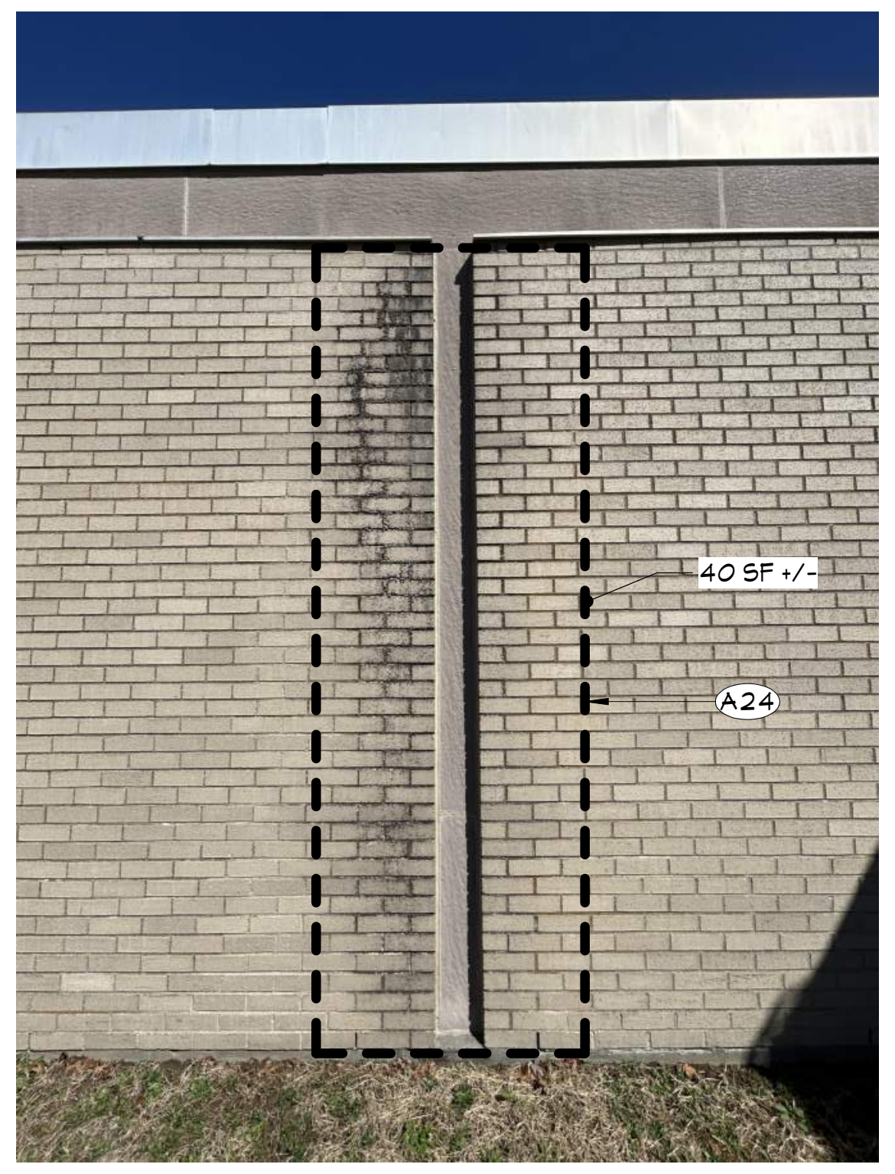

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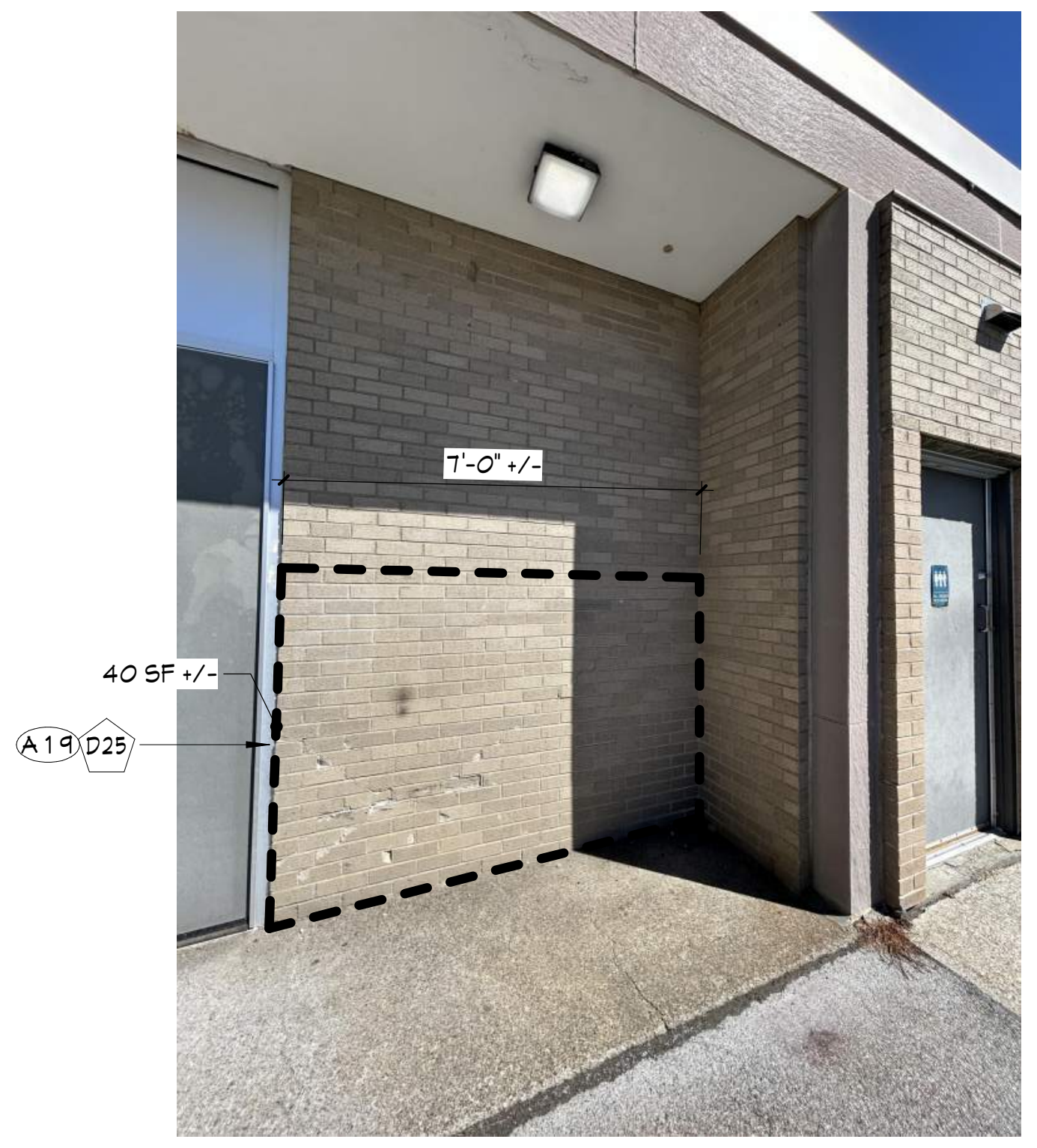

1 EC PHOTO - MASONRY REPAIR
A154 Not to Scale

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Proj. #:	44-01-02-06-0-007-033
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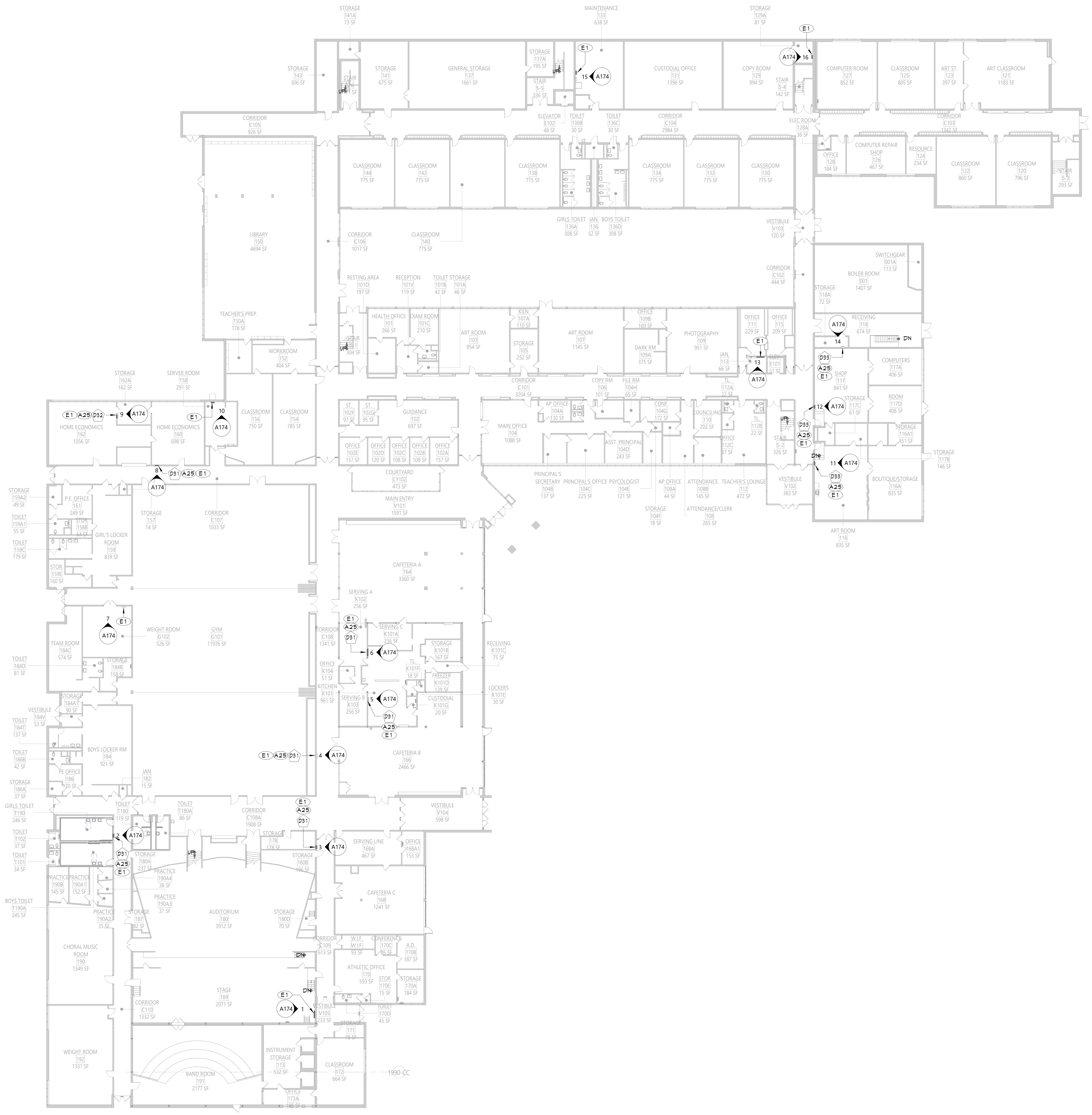
Construction Documents:	12/12/25

Sheet Title
MASONRY
REPAIR - EXST
COND.
PHOTOS

Sheet No.
WHS
A154

CONSTRUCTION DOCUMENTS



1
A171

ELEC PANELS REPLACEMENT GROUND FLOOR PLAN

1" = 20'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

DEMOLITION KEYNOTES

	Description
D31	CAREFULLY REMOVE PORTION OF EXISTING CERAMIC WALL TILE TO THE CLOSEST JOINT TO ACCOMMODATE ELECTRICAL DEMOLITION WORK. CUT A CLEAN OPENING AROUND THE EXISTING PANEL LOCATION AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
D32	CAREFULLY CUT A CLEAN OPENING IN THE GYPSUM WALL BOARD AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
D33	CAREFULLY CUT A CLEAN OPENING IN THE CMU AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.

NEW WORK KEYNOTES

	Description
A25	PREPAIR, PATCH, AND PAINT WALL FINISH TO MATCH ADJACENT EXISTING. ENSURE THAT THE EXISTING WALL BACKING IS ADEQUATE AND PROVIDE WALL FRAMING/REINFORCING AS NEEDED TO SUPPORT THE NEW ELECTRICAL PANEL.COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.

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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
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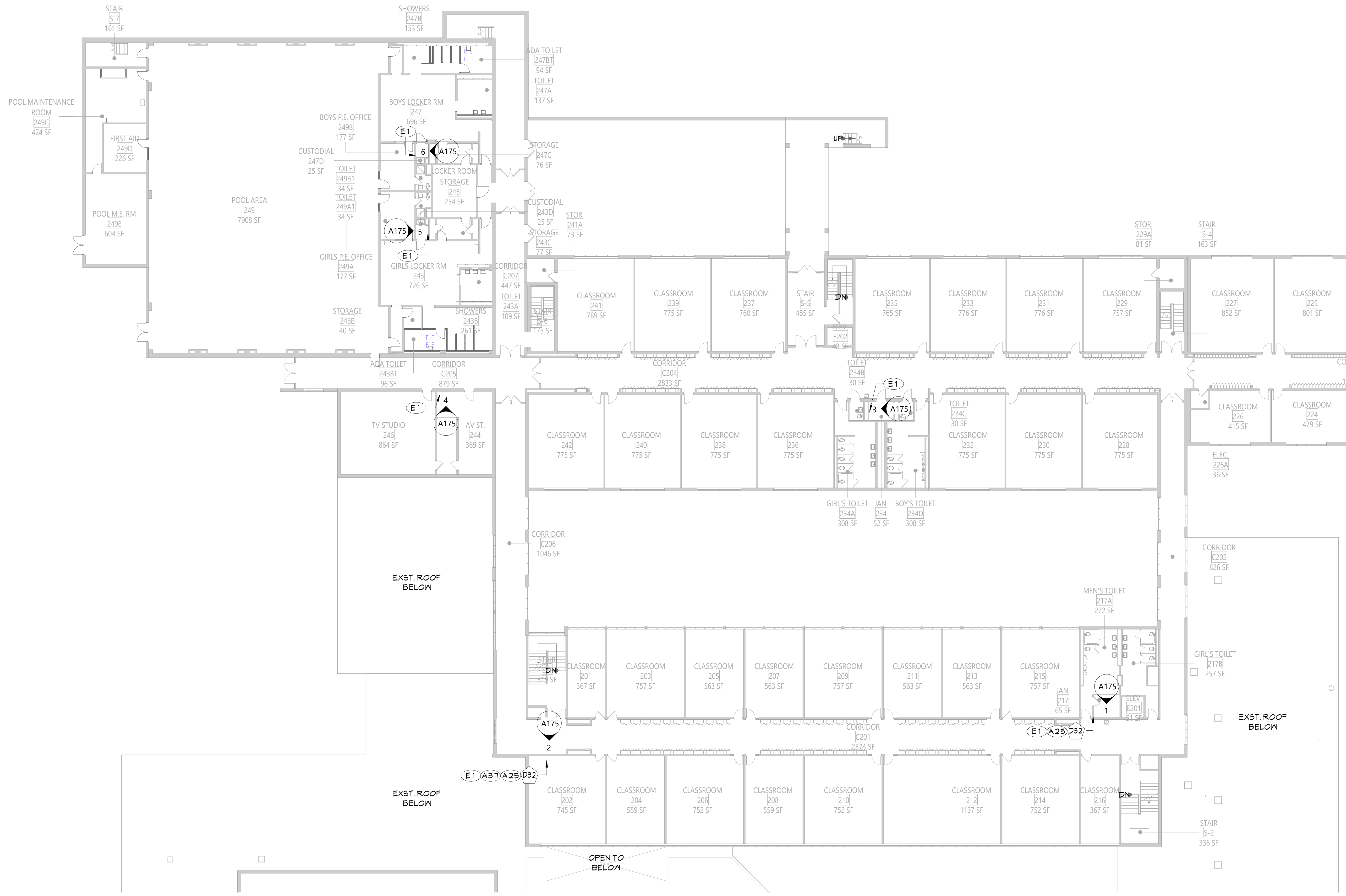
Sheet Title
ELEC. PANELS REPLACEMENTS - OVERALL GROUND FLOOR PLAN

Sheet No.
WHS
A171

CONSTRUCTION DOCUMENTS



1 ELEC PANELS REPLACEMENT SECOND FLOOR PLAN
A172
1" = 20'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
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DEMOLITION KEYNOTES

	Description
D32	CAREFULLY CUT A CLEAN OPENING IN THE GYPSUM WALL BOARD AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.

NEW WORK KEYNOTES

	Description
A25	PREPAIR, PATCH, AND PAINT WALL FINISH TO MATCH ADJACENT EXISTING. ENSURE THAT THE EXISTING WALL BACKING IS ADEQUATE AND PROVIDE WALL FRAMING/REINFORCING AS NEEDED TO SUPPORT THE NEW ELECTRICAL PANEL.COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
A37	INFILL AND PATCH WALL OPENING AT LOCATION OF REMOVED ELECTRICAL PANEL WITH SIMILAR MATERIAL/CONSTRUCTION, MATCH EXISTING FIRE RESISTANCE RATING, AND FINISH. COORDINATE WITH ELECTRICAL DRAWINGS.
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.

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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Sheet Title

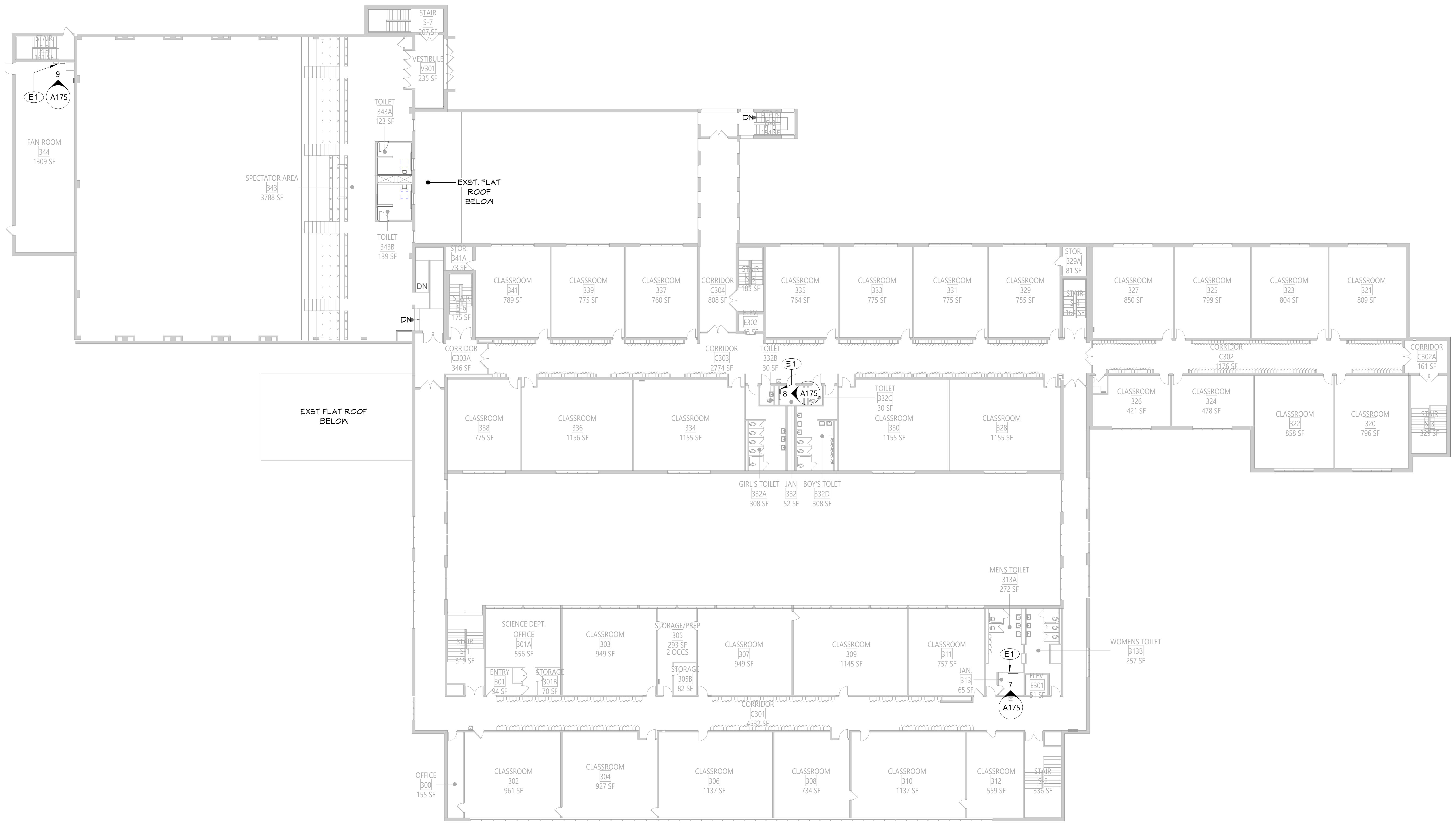
ELEC. PANELS REPLACEMENTS - OVERALL SECOND FLOOR PLAN

Sheet No.

WHS
A172

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



1
A173
ELEC PANELS REPLACEMENT THIRD FLOOR PLAN
1" = 20'-0"

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
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NEW WORK KEYNOTES

	Description
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.

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Sheet Title
ELEC. PANELS REPLACEMENTS - OVERALL THIRD FLOOR PLAN

Sheet No.
WHS
A173

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

NEW WORK KEYNOTES

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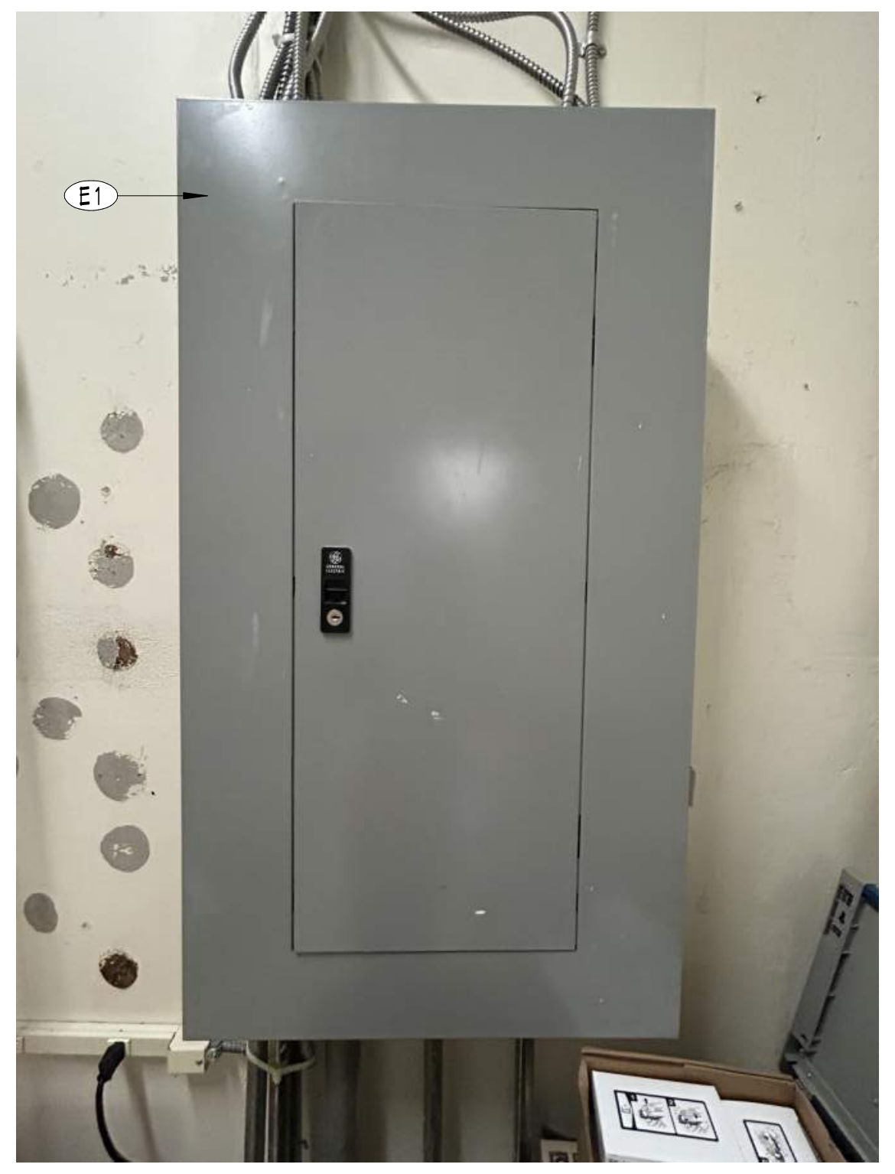
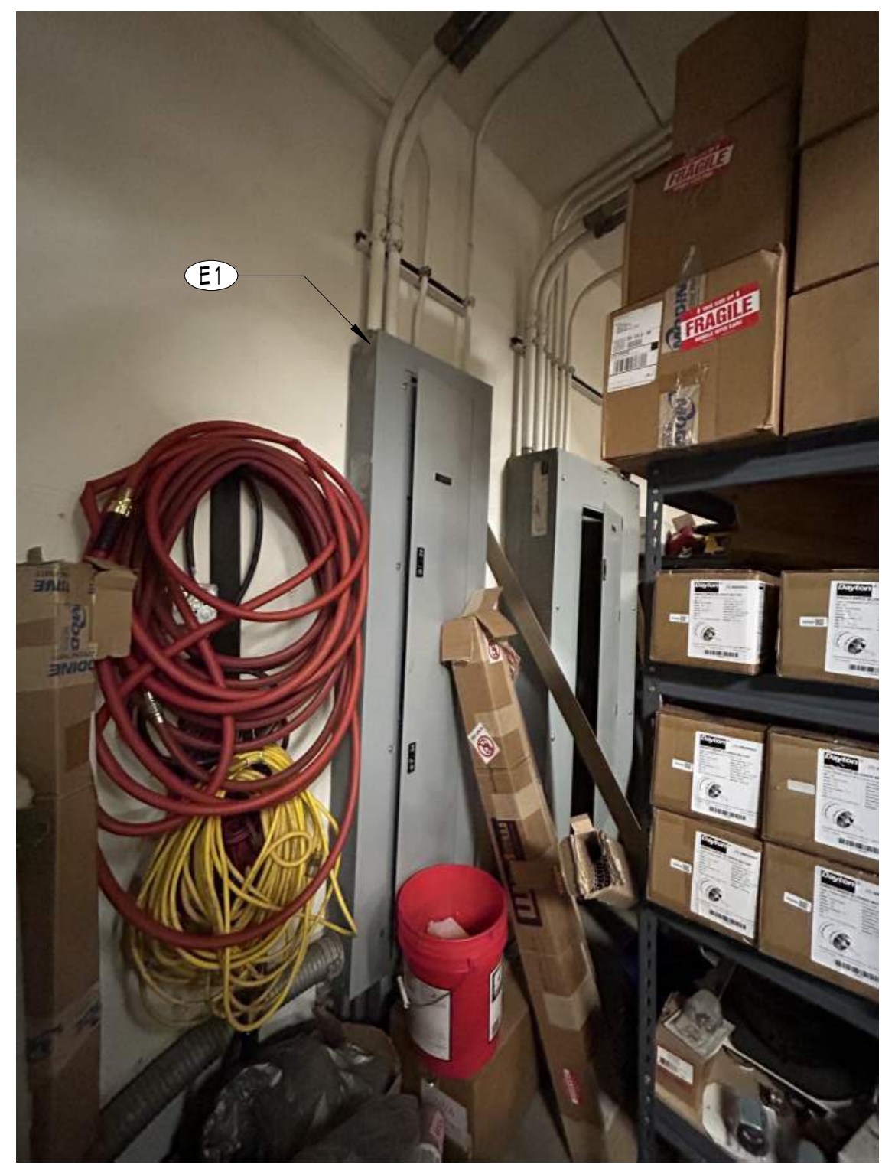
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.

DEMOLITION KEYNOTES

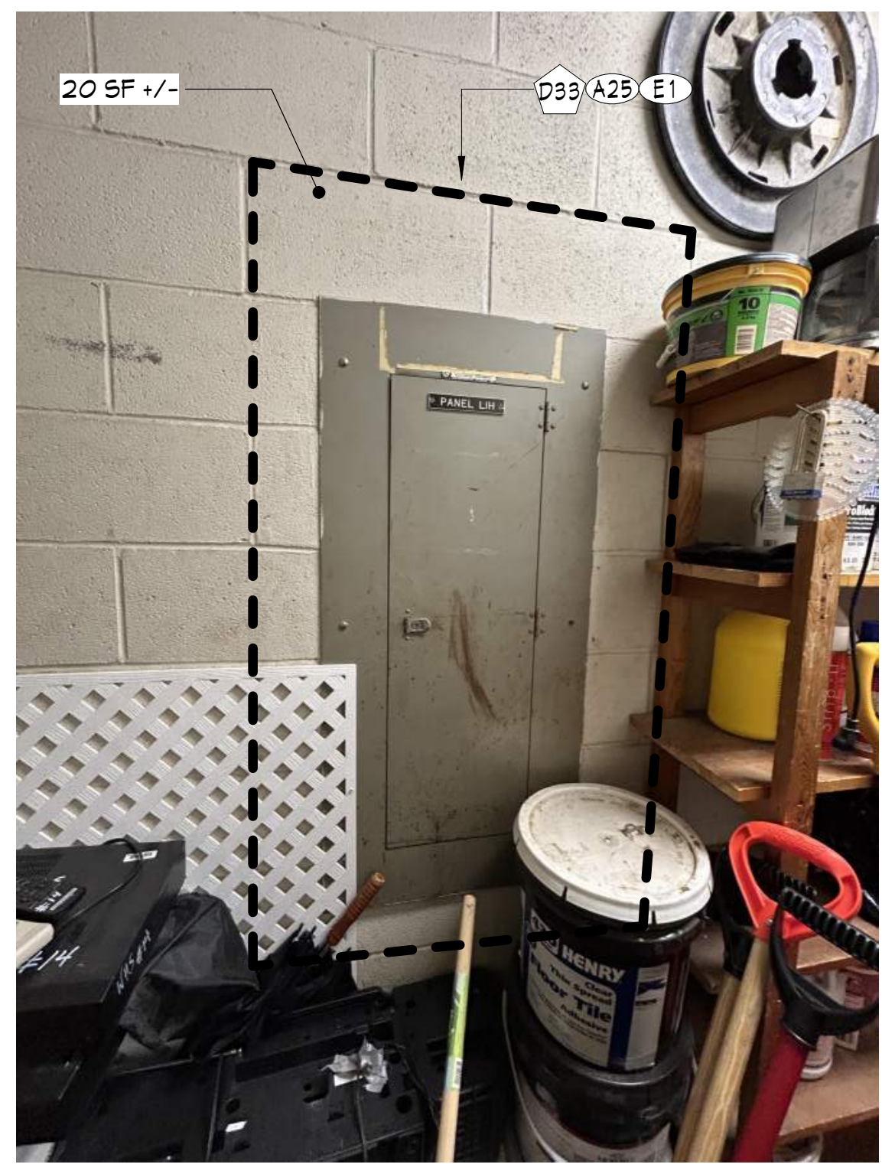
	Description
D31	CAREFULLY REMOVE PORTION OF EXISTING CERAMIC WALL TILE TO THE CLOSEST JOINT TO ACCOMMODATE ELECTRICAL DEMOLITION WORK. CUT A CLEAN OPENING AROUND THE EXISTING PANEL LOCATION AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
D32	CAREFULLY CUT A CLEAN OPENING IN THE GYPSUM WALL BOARD AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
D33	CAREFULLY CUT A CLEAN OPENING IN THE CMU AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.



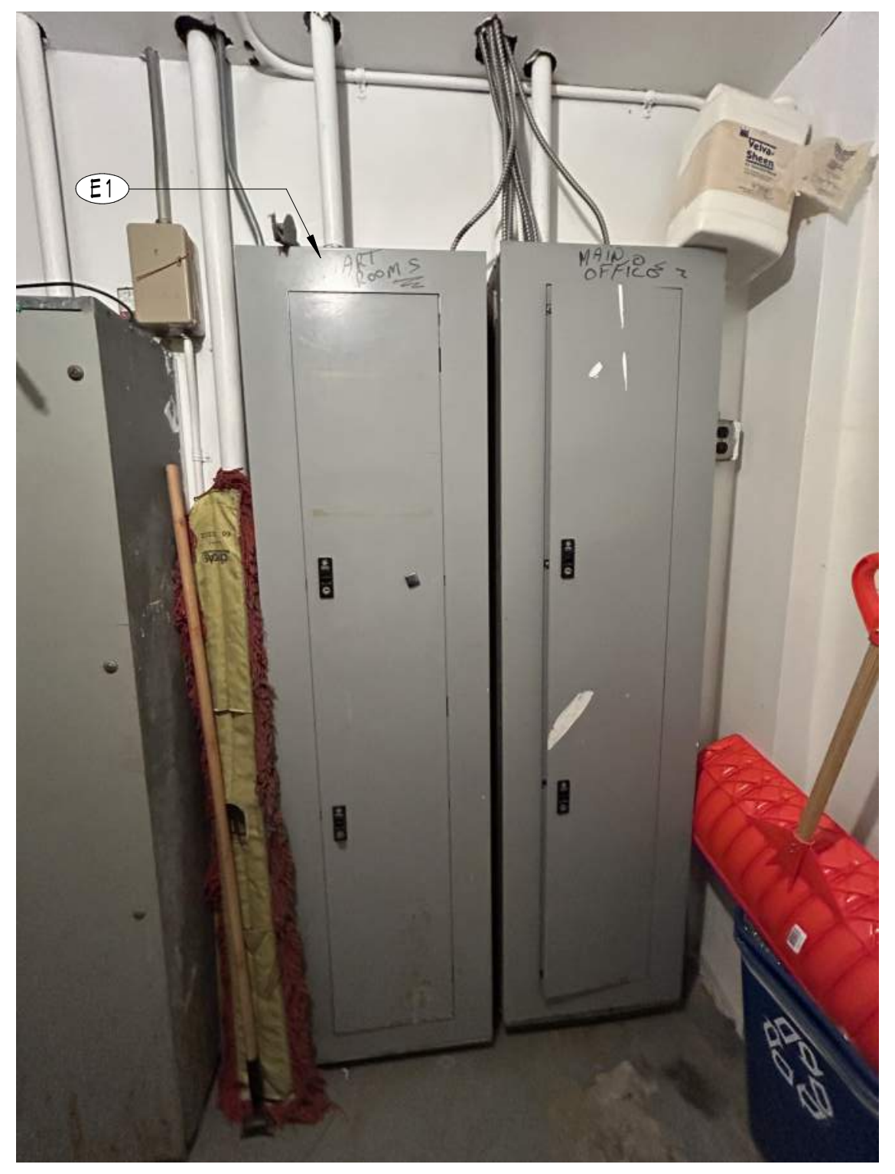
16 EC PHOTO-ELEC PANEL
A174 Not to Scale



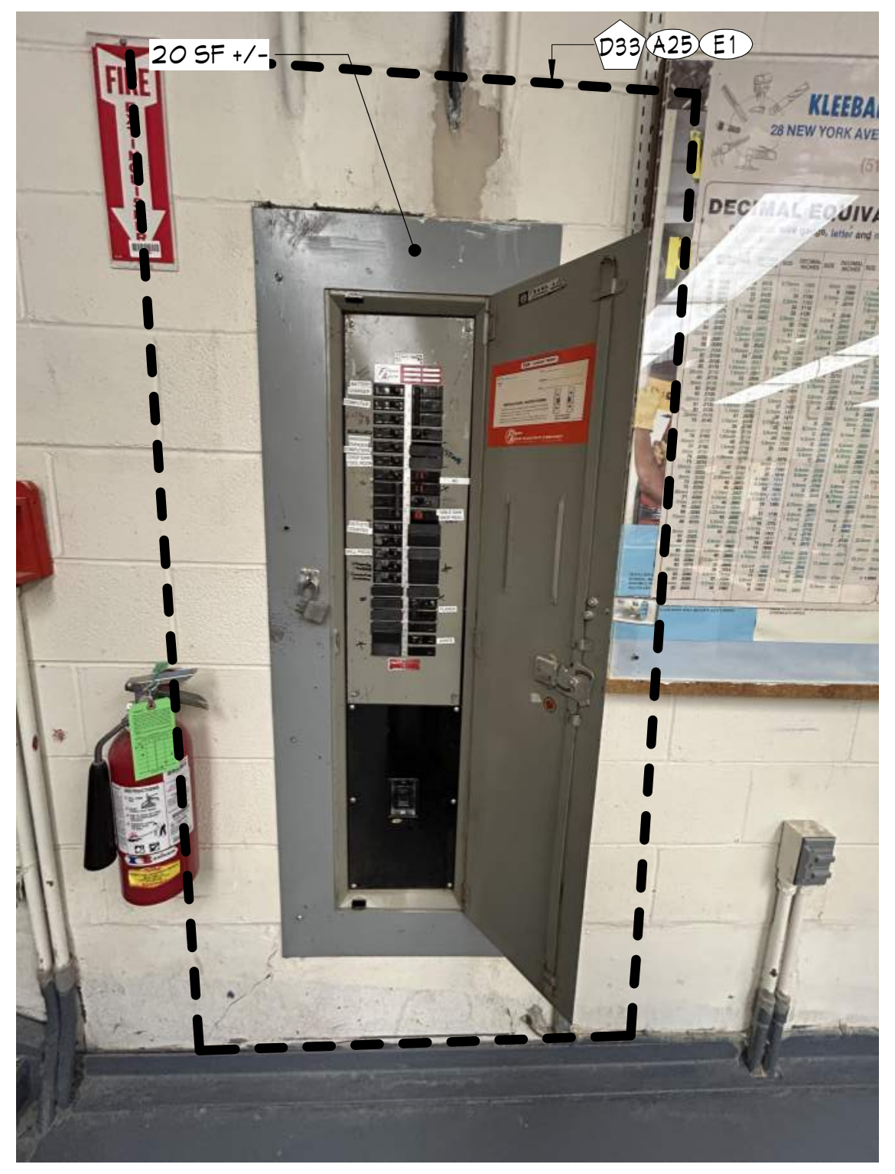
15 EC PHOTO-ELEC PANEL
A174 Not to Scale



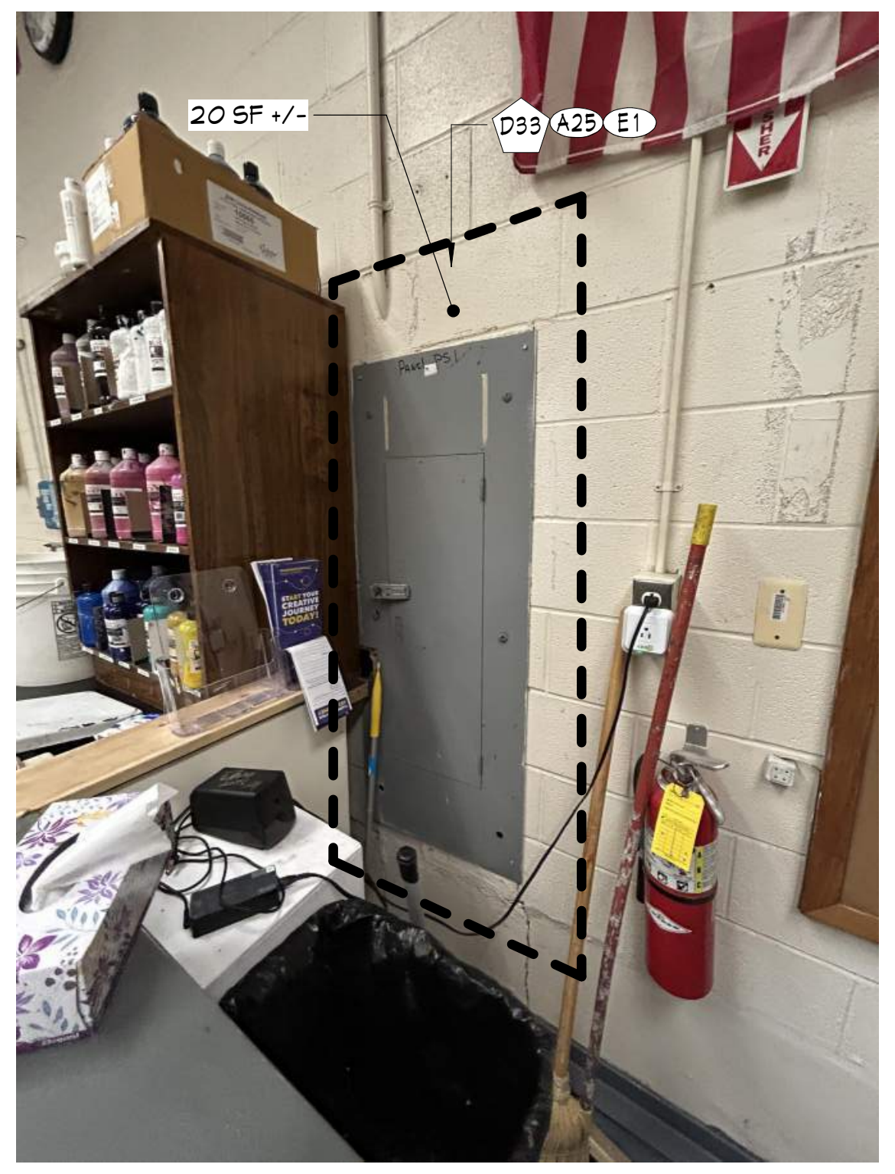
14 EC PHOTO-ELEC PANEL
A174 Not to Scale



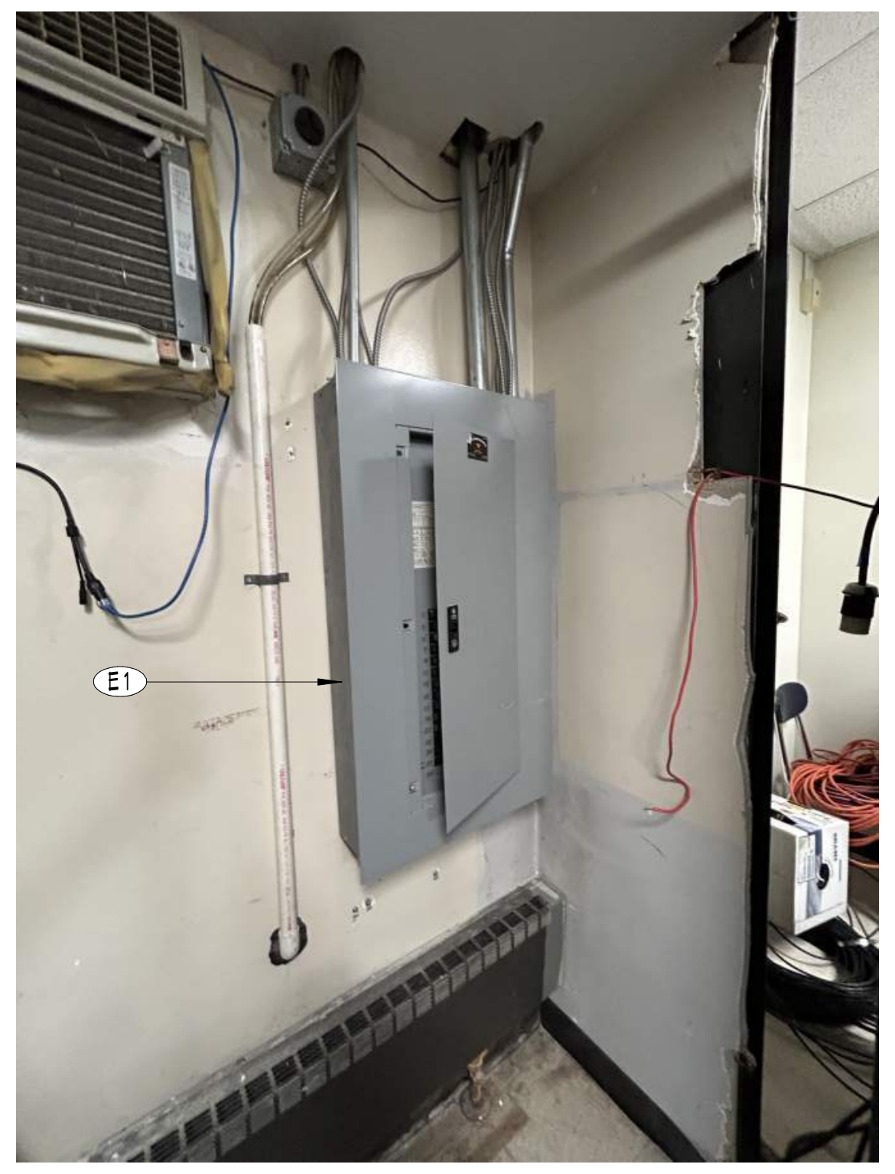
13 EC PHOTO-ELEC PANEL
A174 Not to Scale



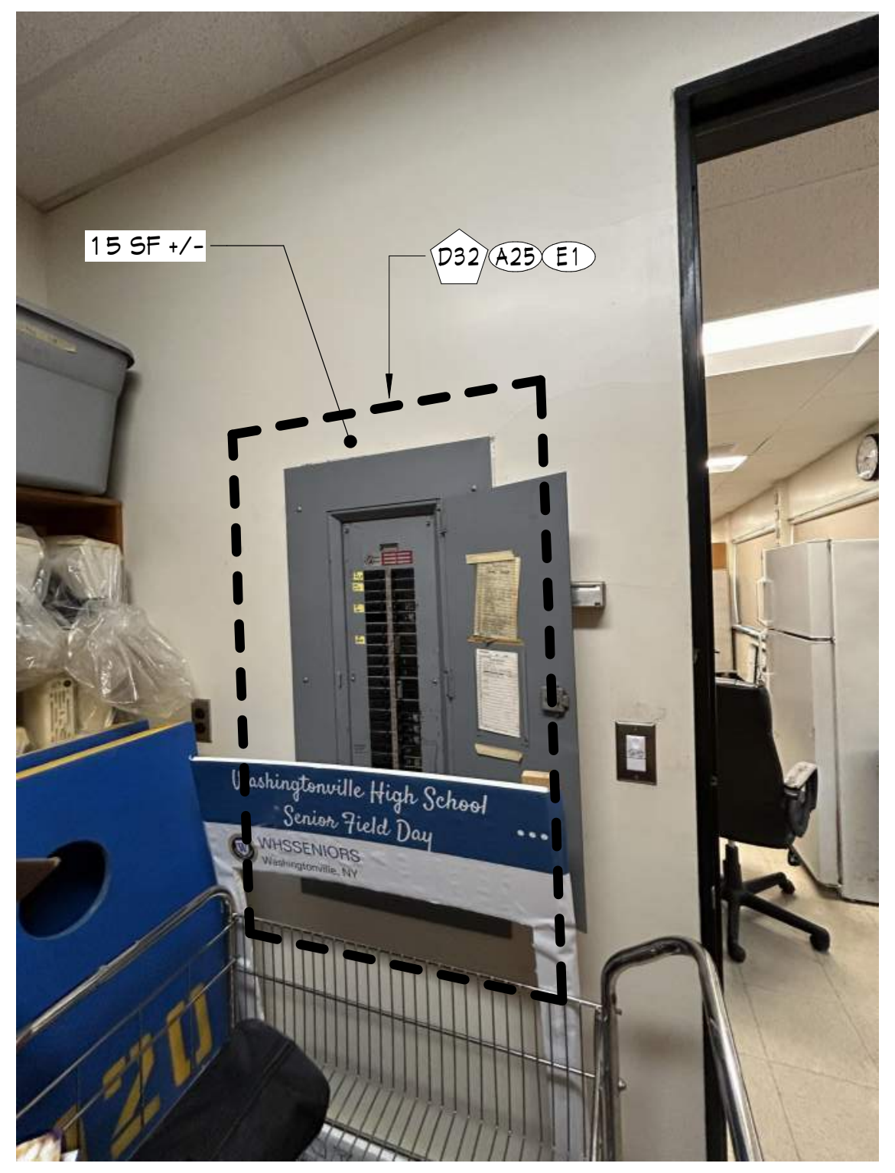
12 EC PHOTO-ELEC PANEL
A174 Not to Scale



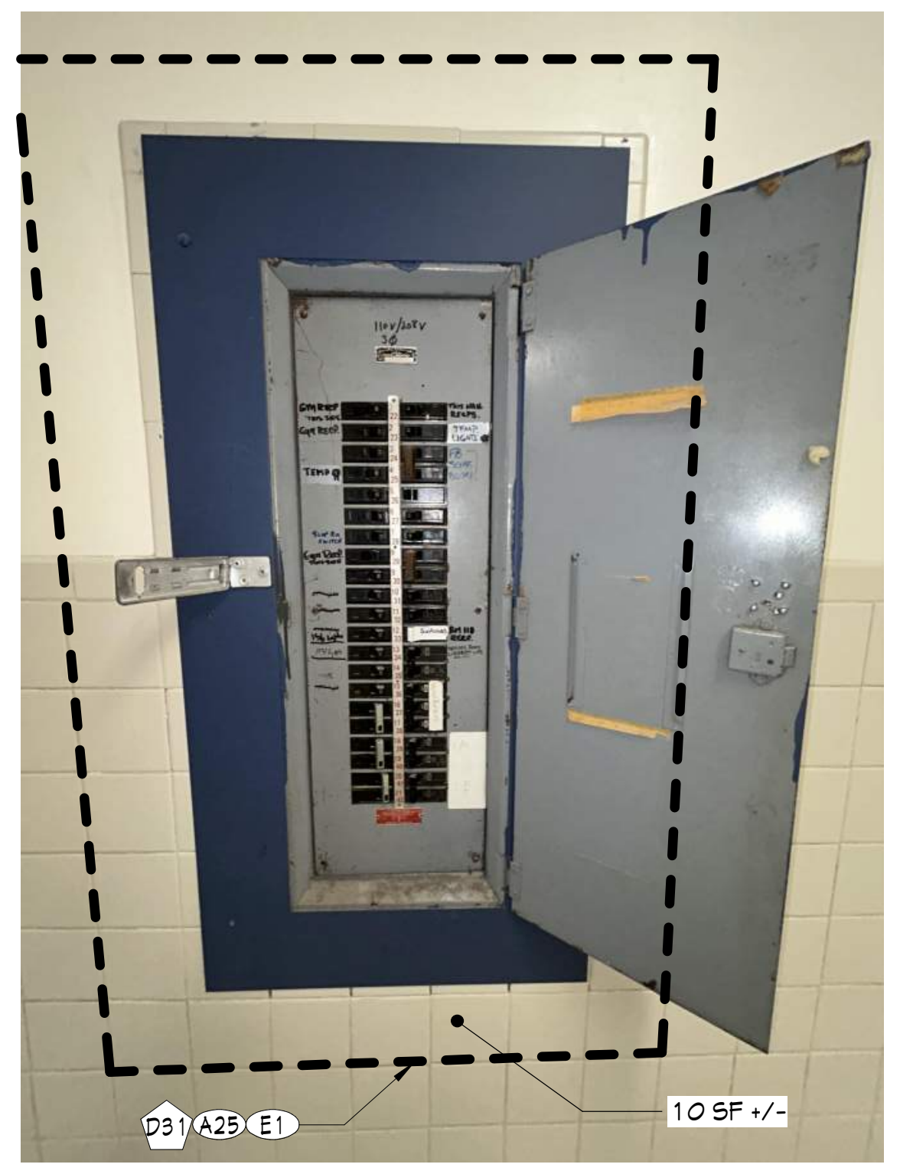
11 EC PHOTO-ELEC PANEL
A174 Not to Scale



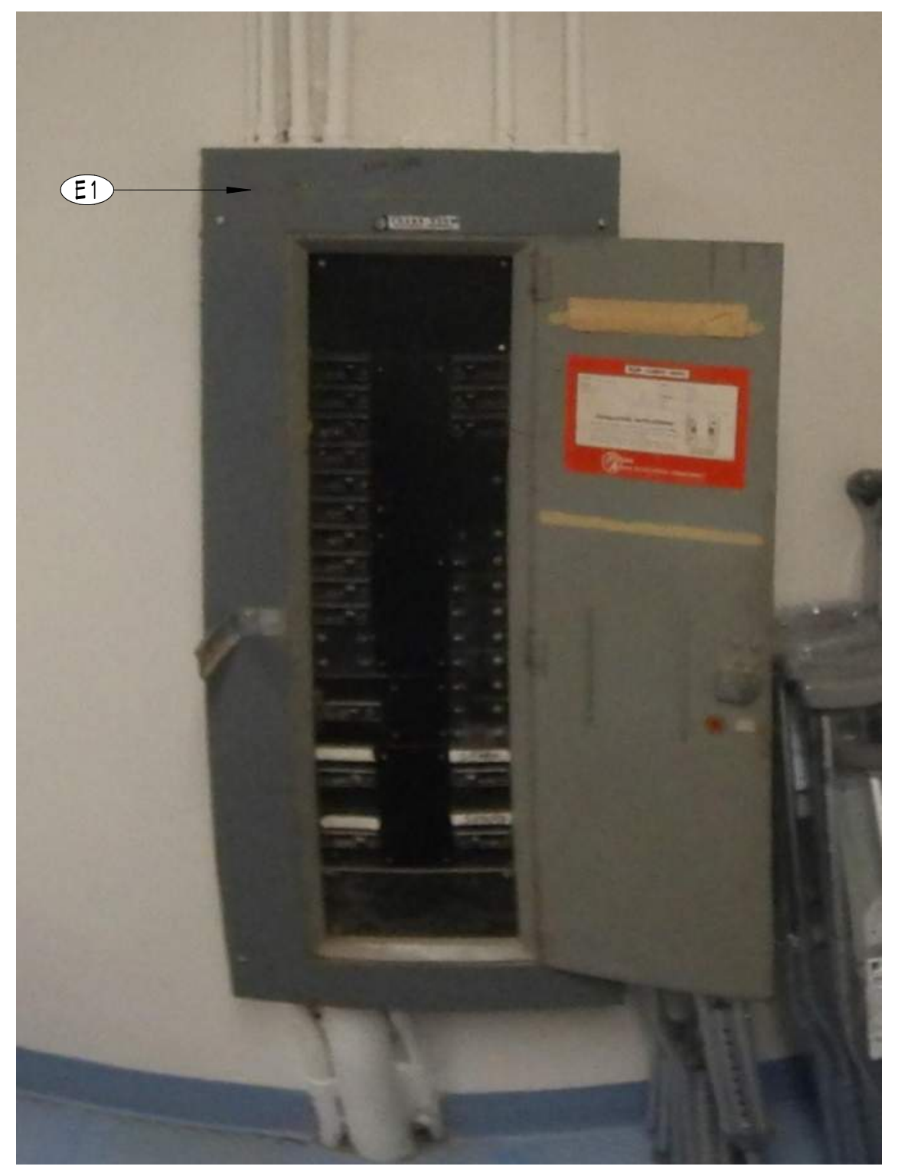
10 EC PHOTO-ELEC PANEL
A174 Not to Scale



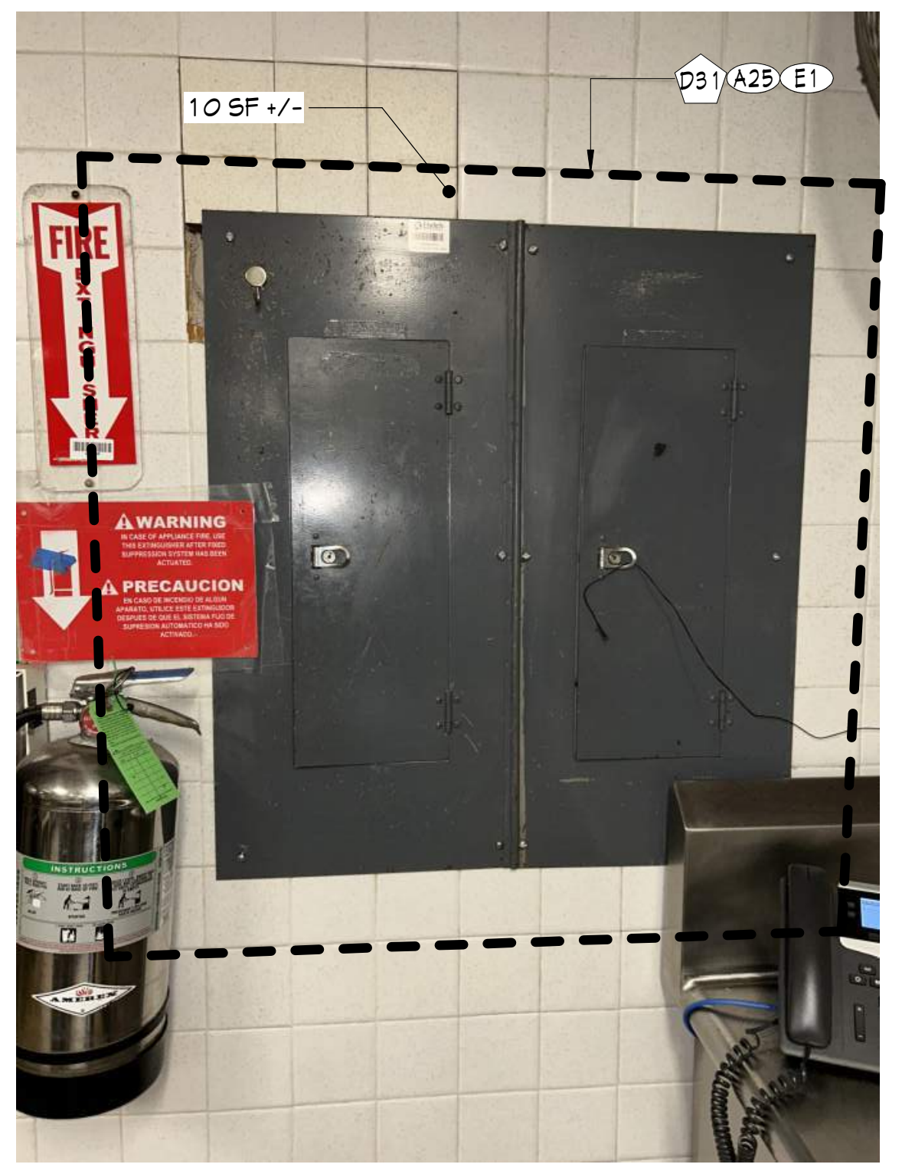
9 EC PHOTO-ELEC PANEL
A174 Not to Scale



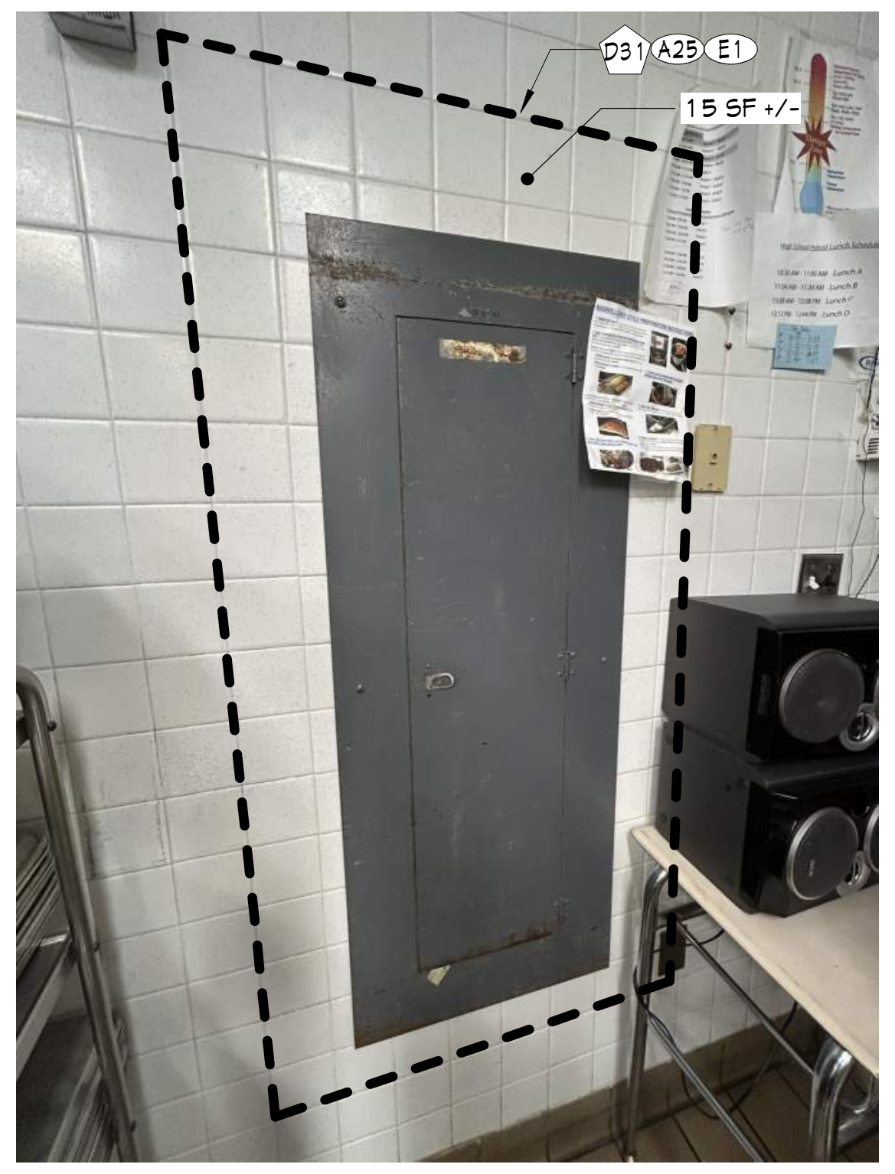
8 EC PHOTO-ELEC PANEL
A174 Not to Scale



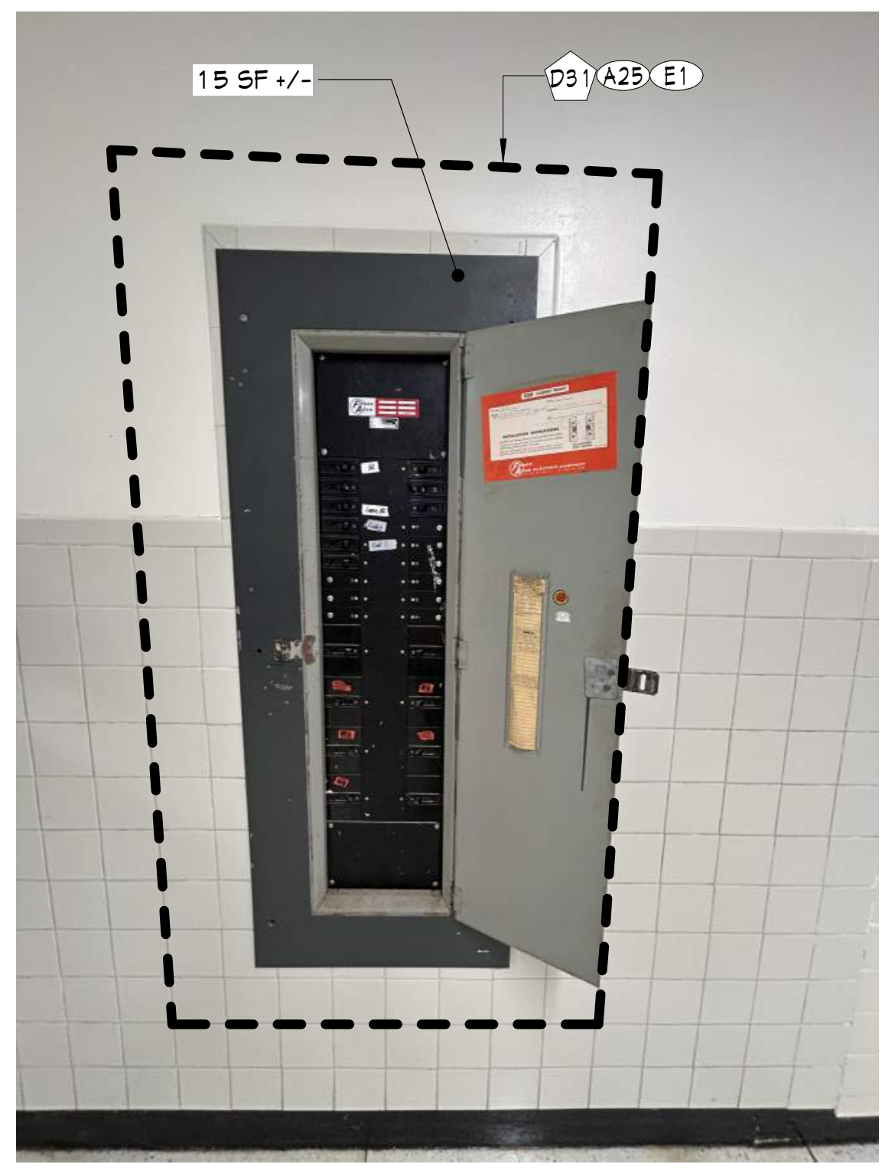
7 EC PHOTO-ELEC PANEL
A174 Not to Scale



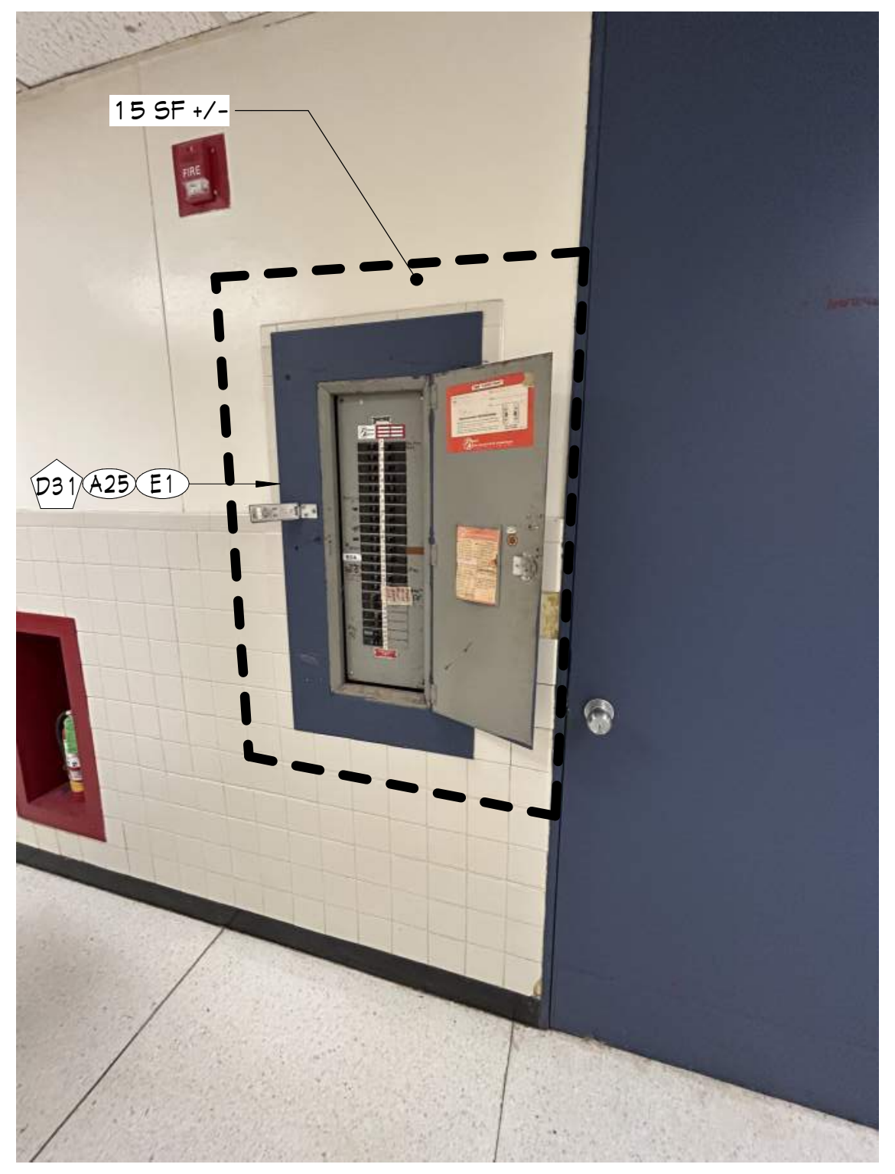
6 EC PHOTO-ELEC PANEL
A174 Not to Scale



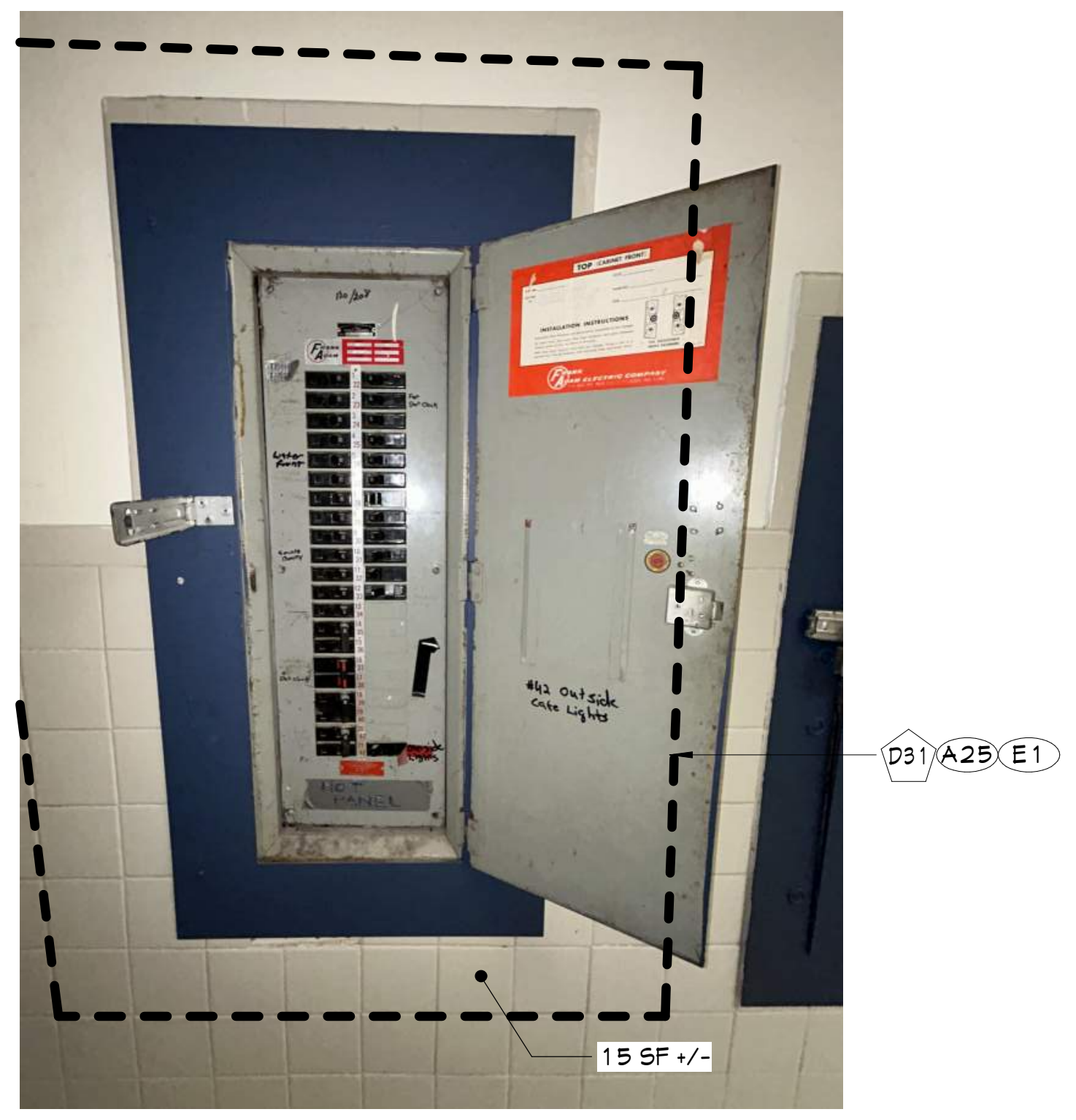
5 EC PHOTO-ELEC PANEL
A174 Not to Scale



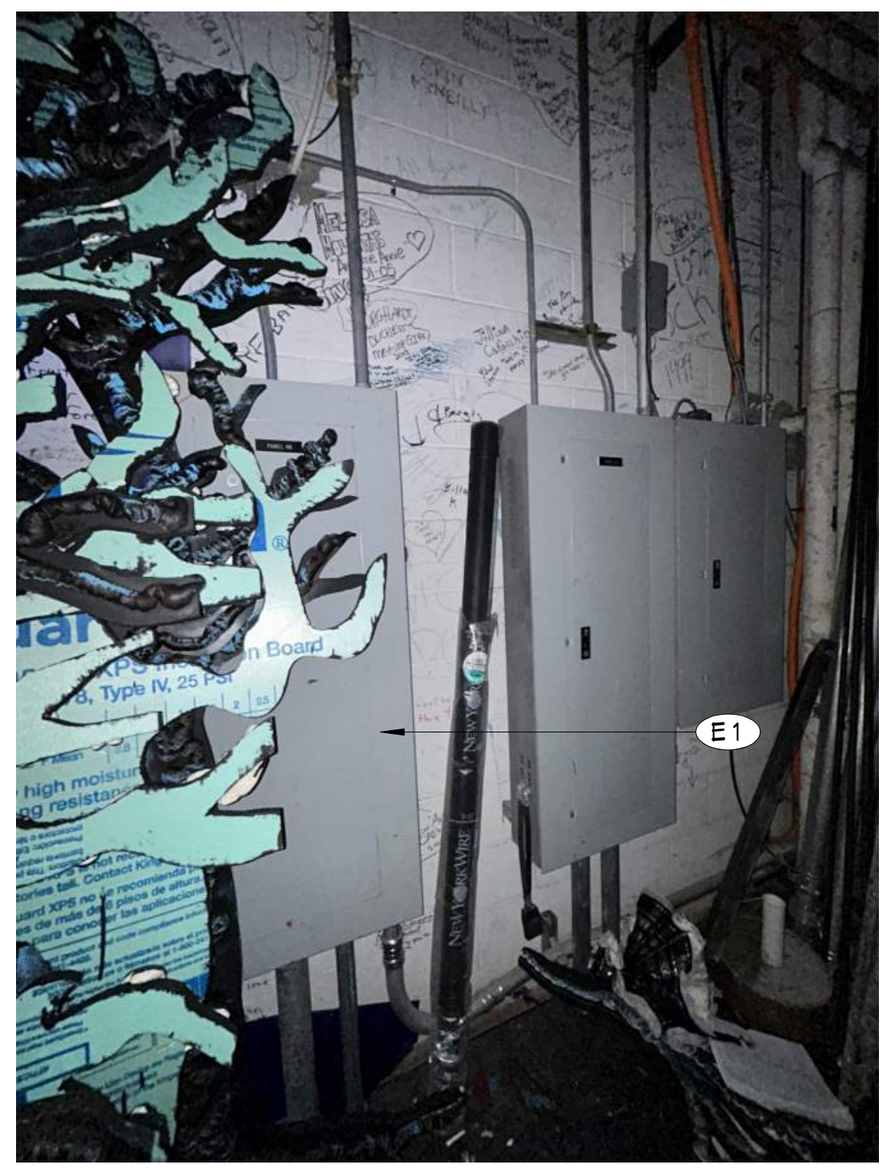
4 EC PHOTO-ELEC PANEL
A174 Not to Scale



3 EC PHOTO-ELEC PANEL
A174 Not to Scale



2 EC PHOTO-ELEC PANEL
A174 Not to Scale



1 EC PHOTO-ELEC PANEL
A174 Not to Scale

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

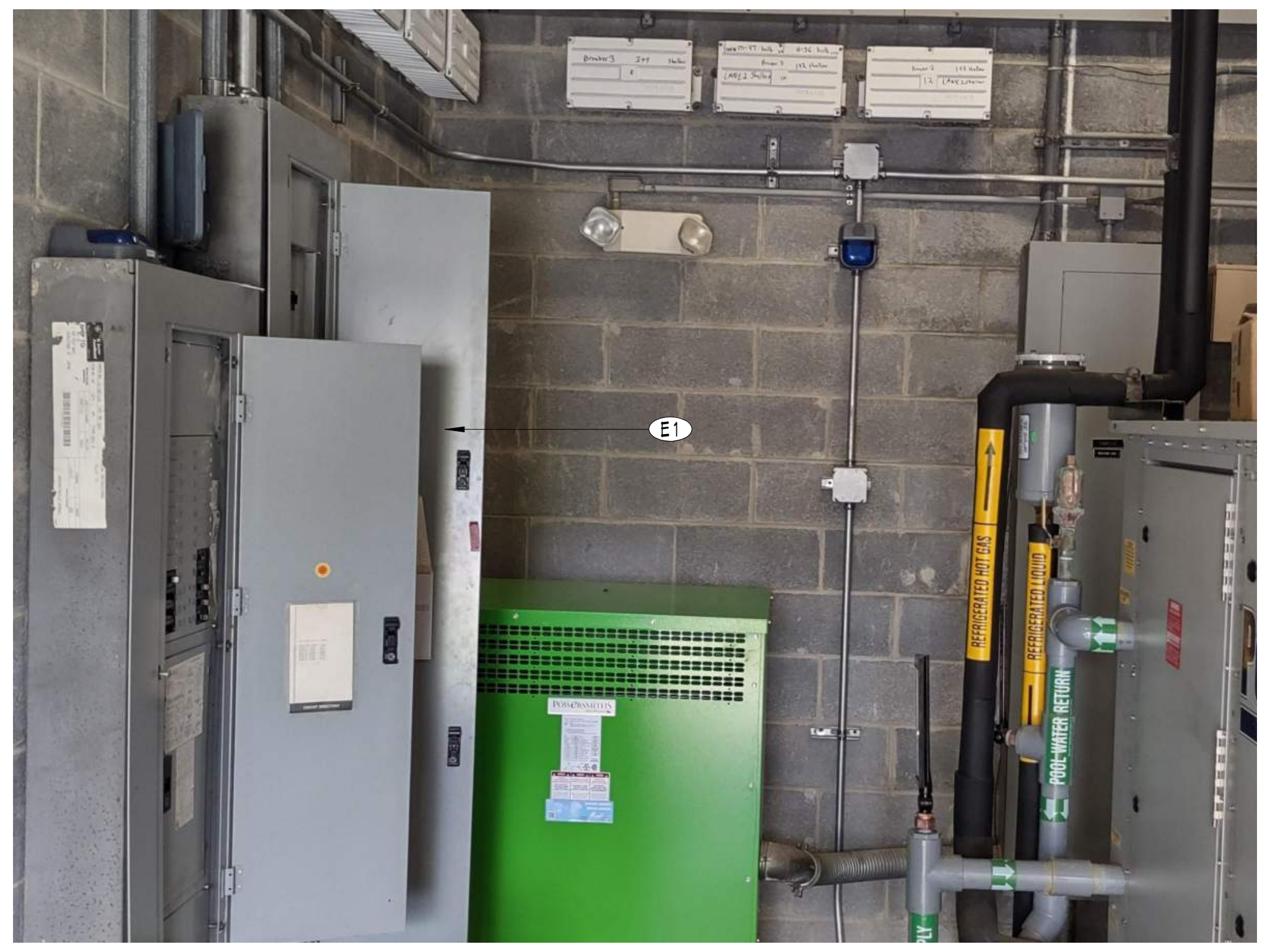
Sheet Title
ELEC. PANELS EXST COND. PHOTOS/DETAILS - GROUND FLOOR

Sheet No.
WHS A174

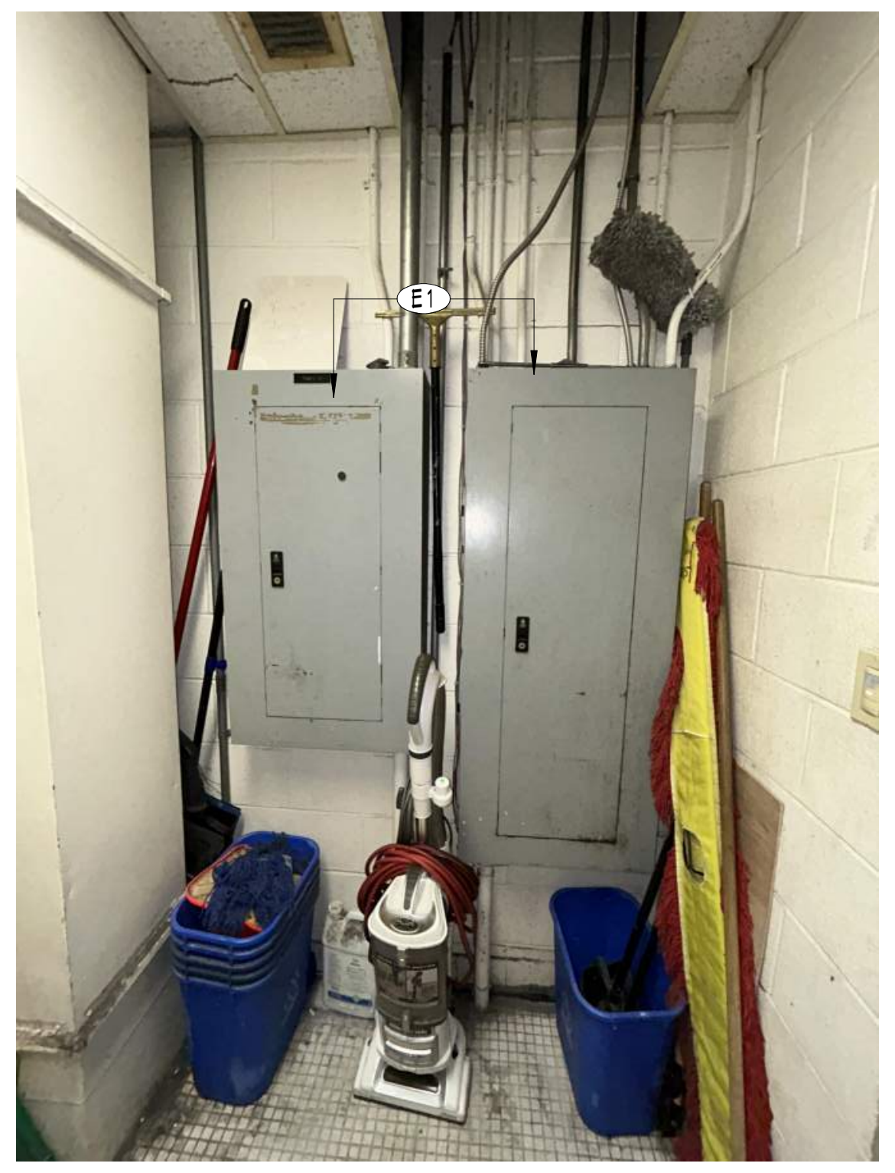
CONSTRUCTION DOCUMENTS

NEW WORK KEYNOTES	
	Description
A25	PREPAIR, PATCH, AND PAINT WALL FINISH TO MATCH ADJACENT EXISTING. ENSURE THAT THE EXISTING WALL BACKING IS ADEQUATE AND PROVIDE WALL FRAMING/REINFORCING AS NEEDED TO SUPPORT THE NEW ELECTRICAL PANEL.COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.
A37	INFILL AND PATCH WALL OPENING AT LOCATION OF REMOVED ELECTRICAL PANEL WITH SIMILAR MATERIAL/CONSTRUCTION, MATCH EXISTING FIRE RESISTANCE RATING, AND FINISH. COORDINATE WITH ELECTRICAL DRAWINGS.
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.

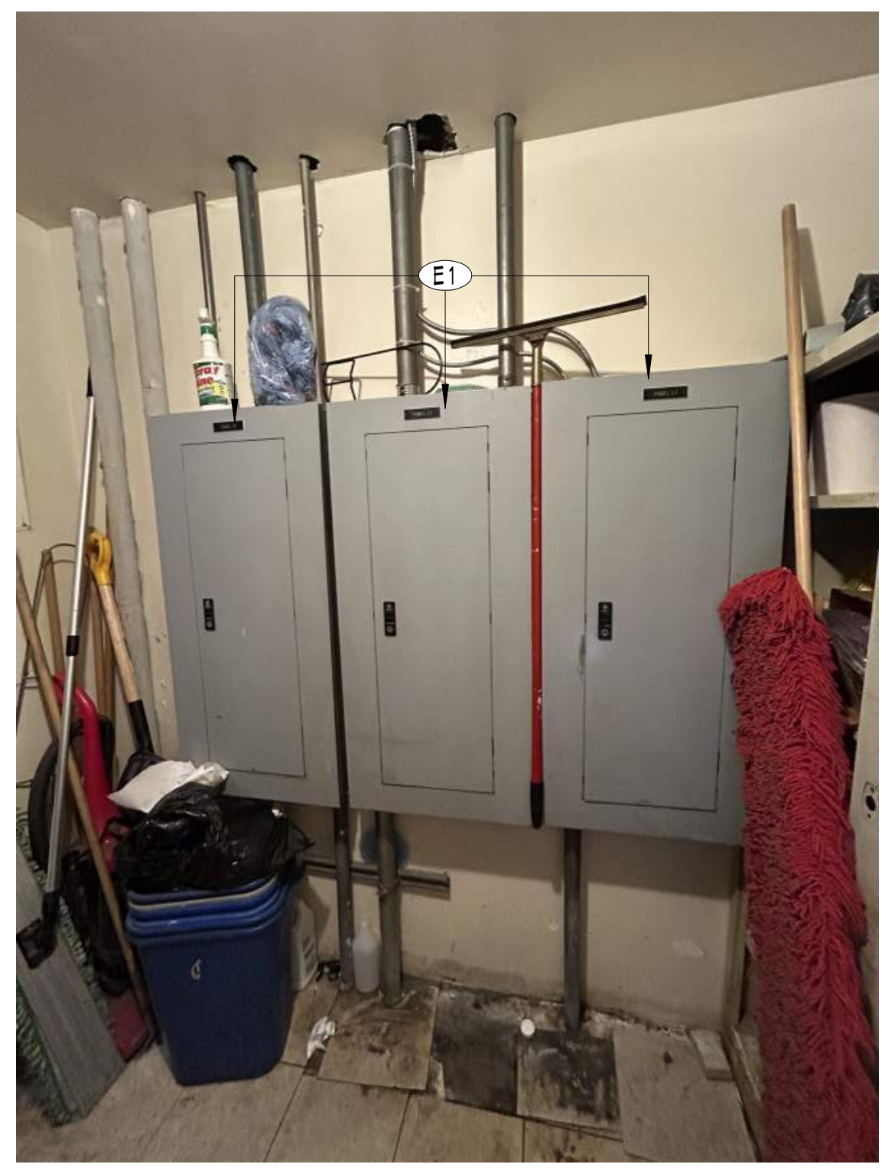
DEMOLITION KEYNOTES	
	Description
D32	CAREFULLY CUT A CLEAN OPENING IN THE GYPSUM WALL BOARD AROUND THE EXISTING ELECTRICAL PANEL AS NEEDED TO ACCOMMODATE NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS. SEE A170 SERIES DRAWINGS FOR MORE INFORMATION.



9 EC PHOTO-ELEC PANEL
A175 Not to Scale



8 EC PHOTO-ELEC PANEL
A175 Not to Scale



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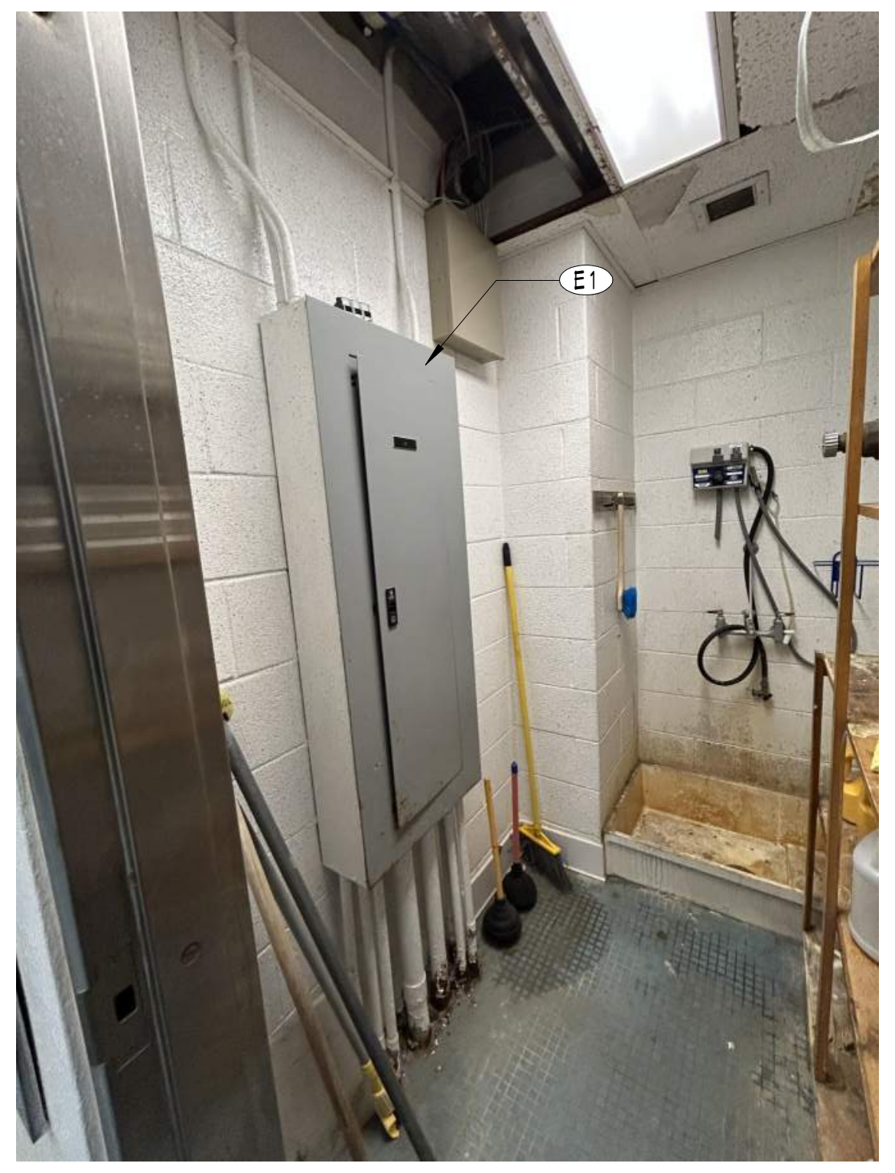

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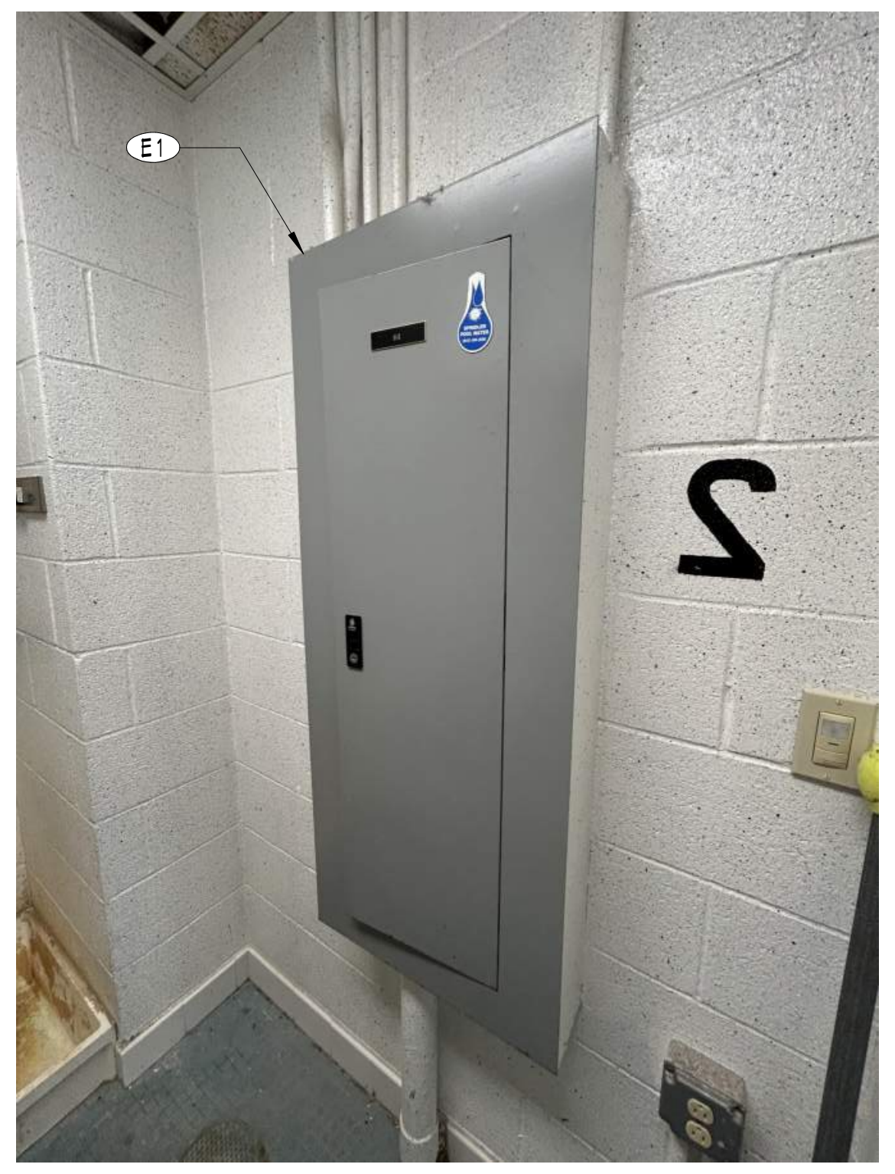

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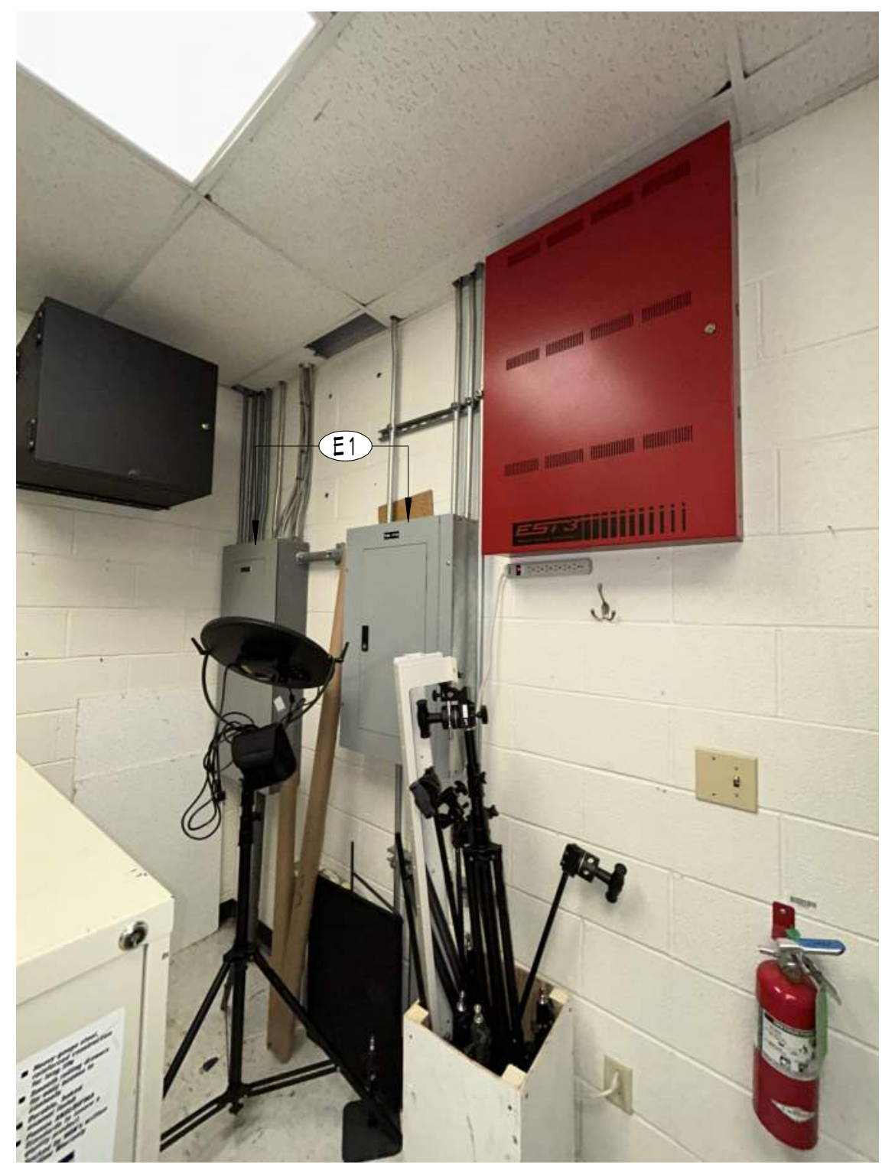

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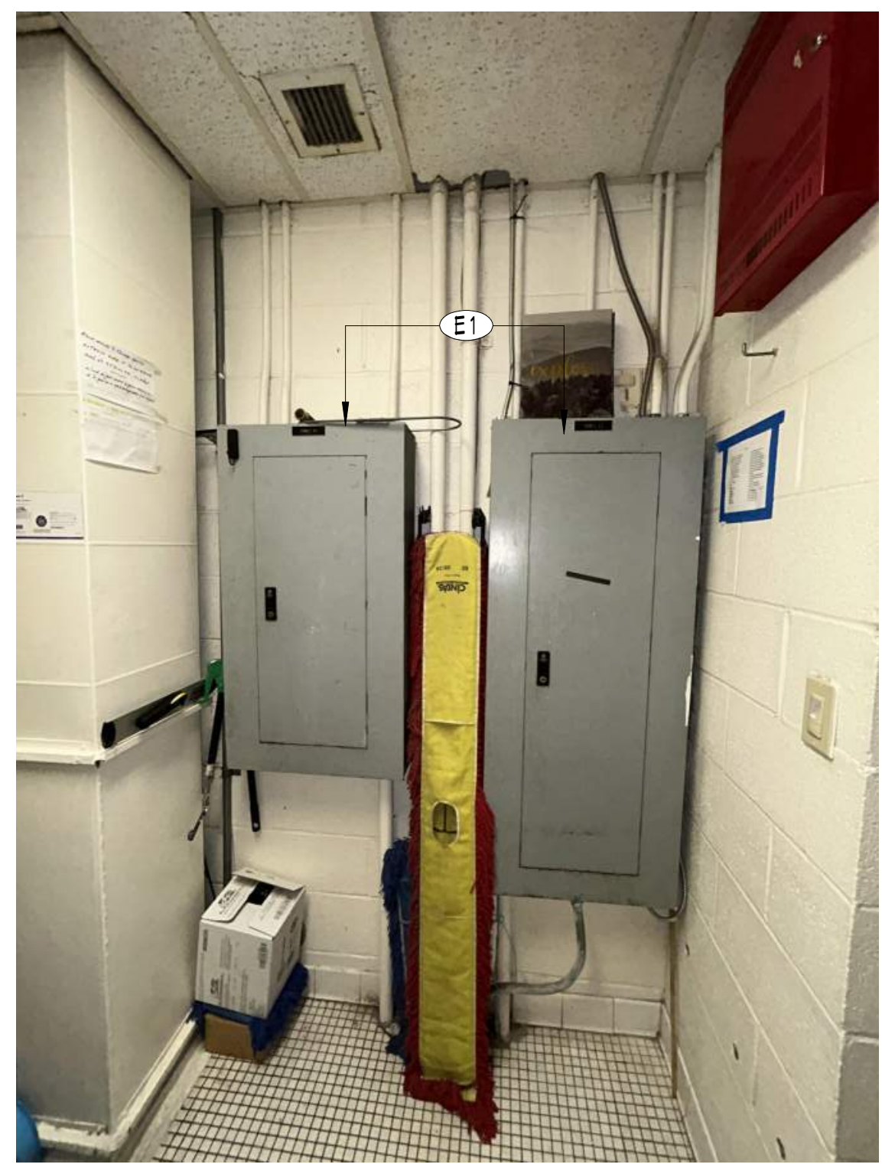
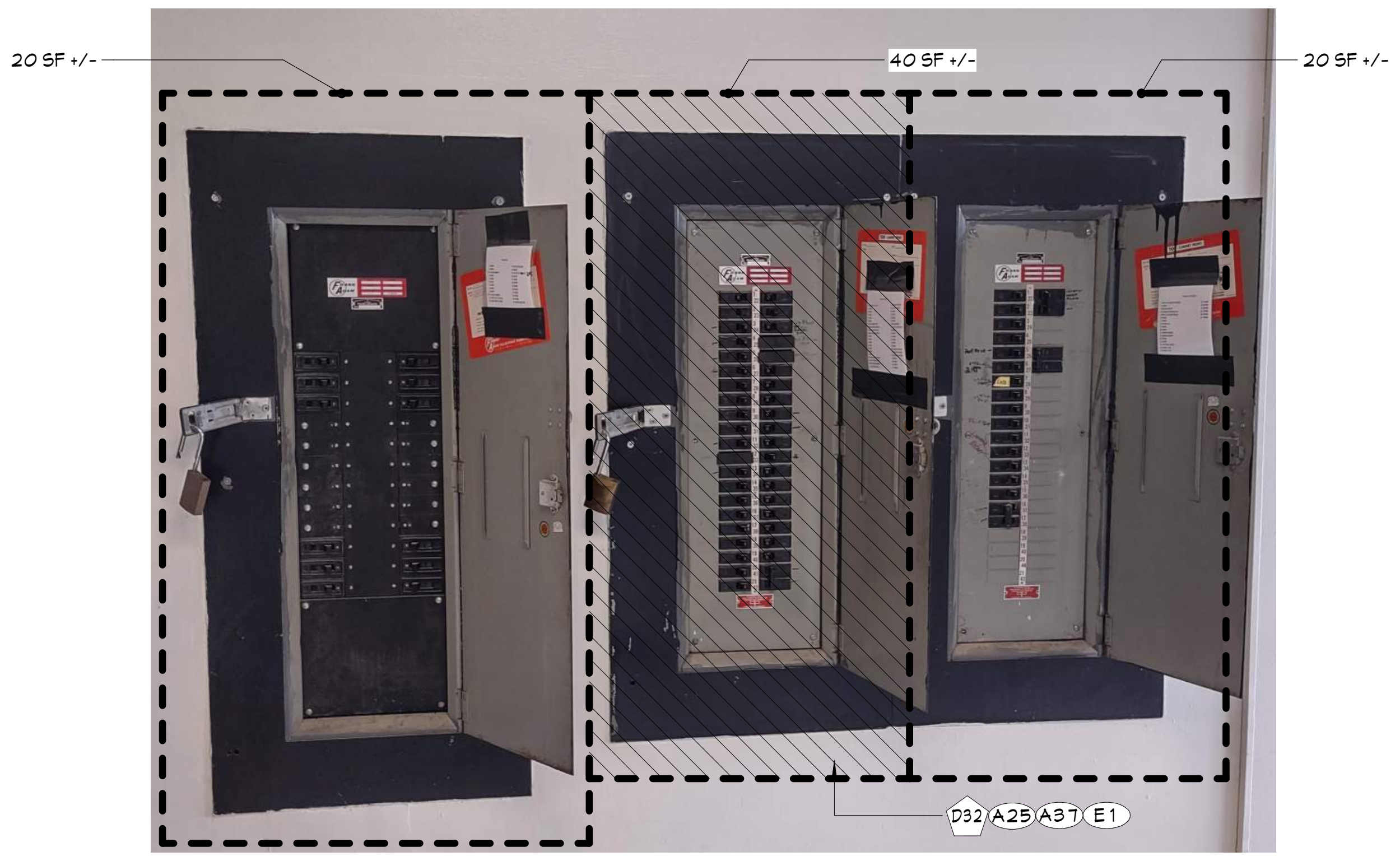
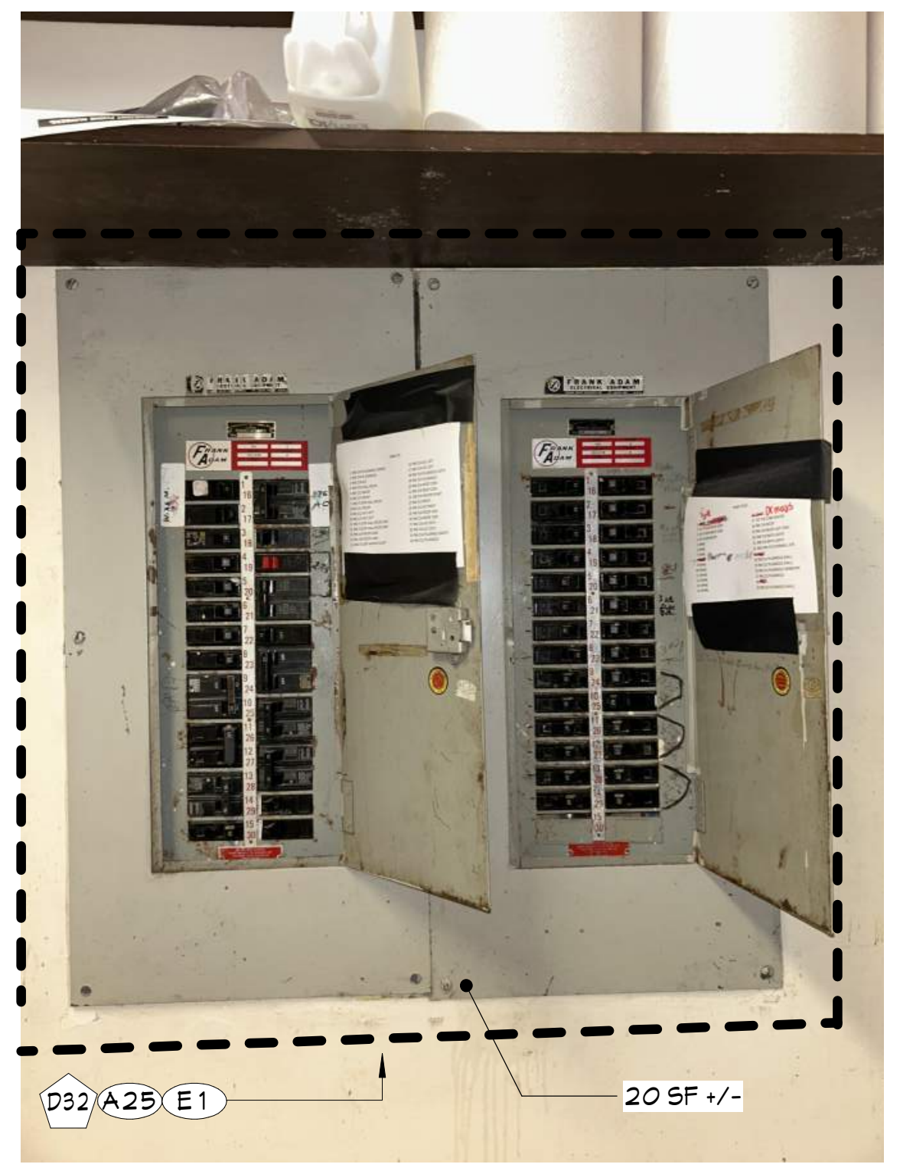


3 EC PHOTO-ELEC PANEL
A175 Not to Scale



2 EC PHOTO-ELEC PANEL
A175 Not to Scale



1 EC PHOTO-ELEC PANEL
A175 Not to Scale

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Project Title

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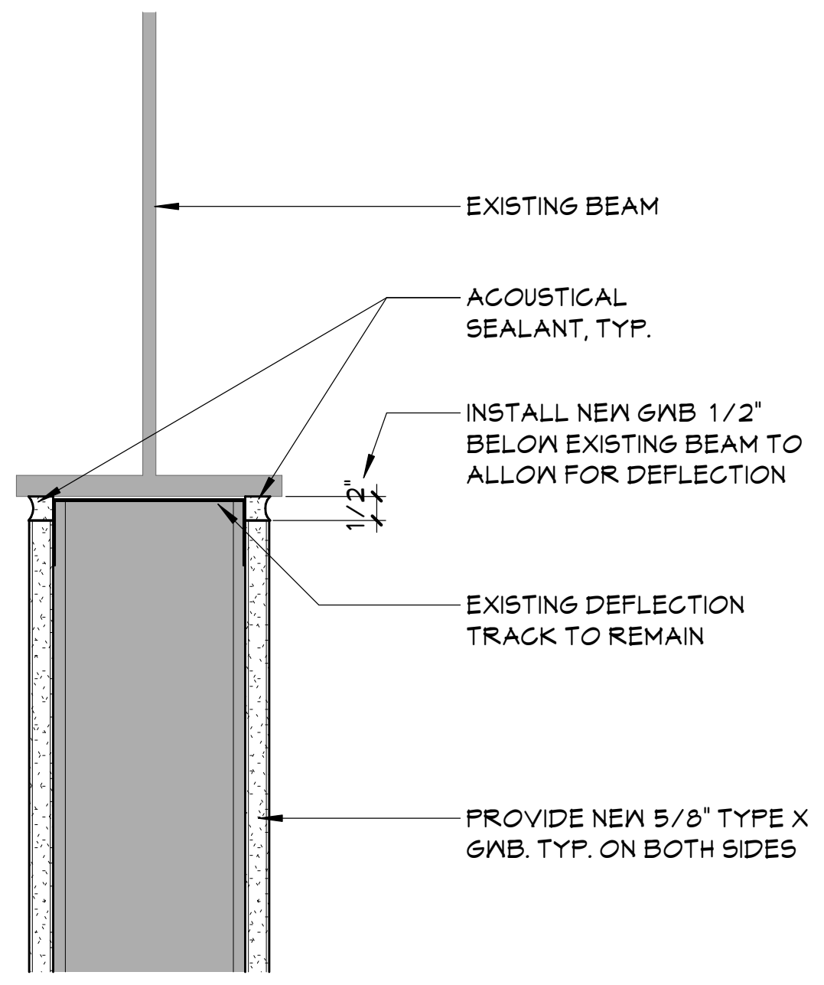
Sheet Title
ELEC. PANELS
EXST COND.
PHOTOS/DETAILS
- 2ND & 3RD
FLOOR

Sheet No.
WHS
A175

CONSTRUCTION DOCUMENTS

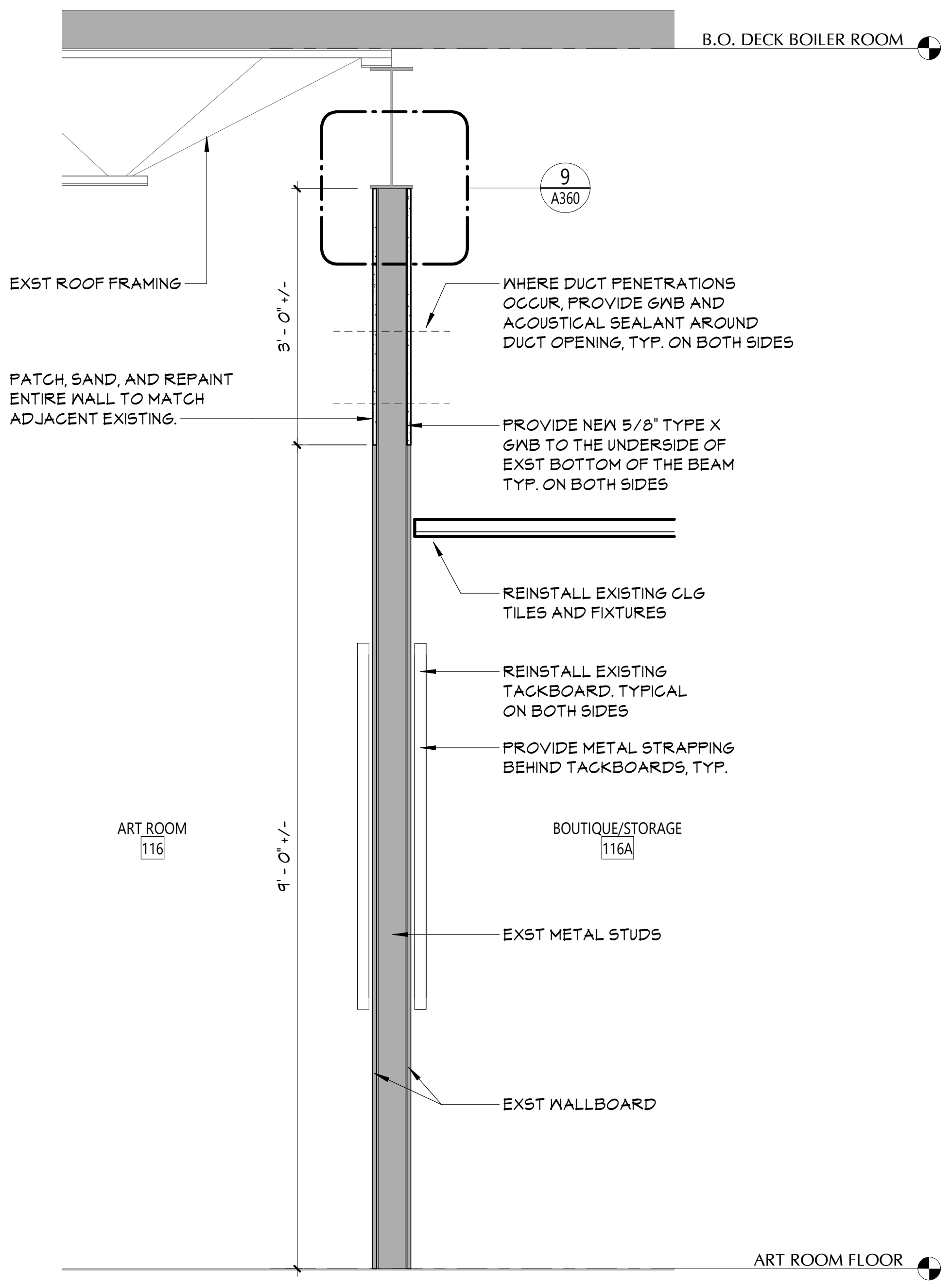
10 EC PHOTO - WALL REPAIR AT ART ROOM 116

A360 3" = 1'-0"


EXISTING BEAM
ACOUSTICAL SEALANT, TYP.
INSTALL NEW GWB 1/2" BELOW EXISTING BEAM TO ALLOW FOR DEFLECTION
1/2"
EXISTING DEFLECTION TRACK TO REMAIN
PROVIDE NEW 5/8" TYPE X GWB. TYP. ON BOTH SIDES

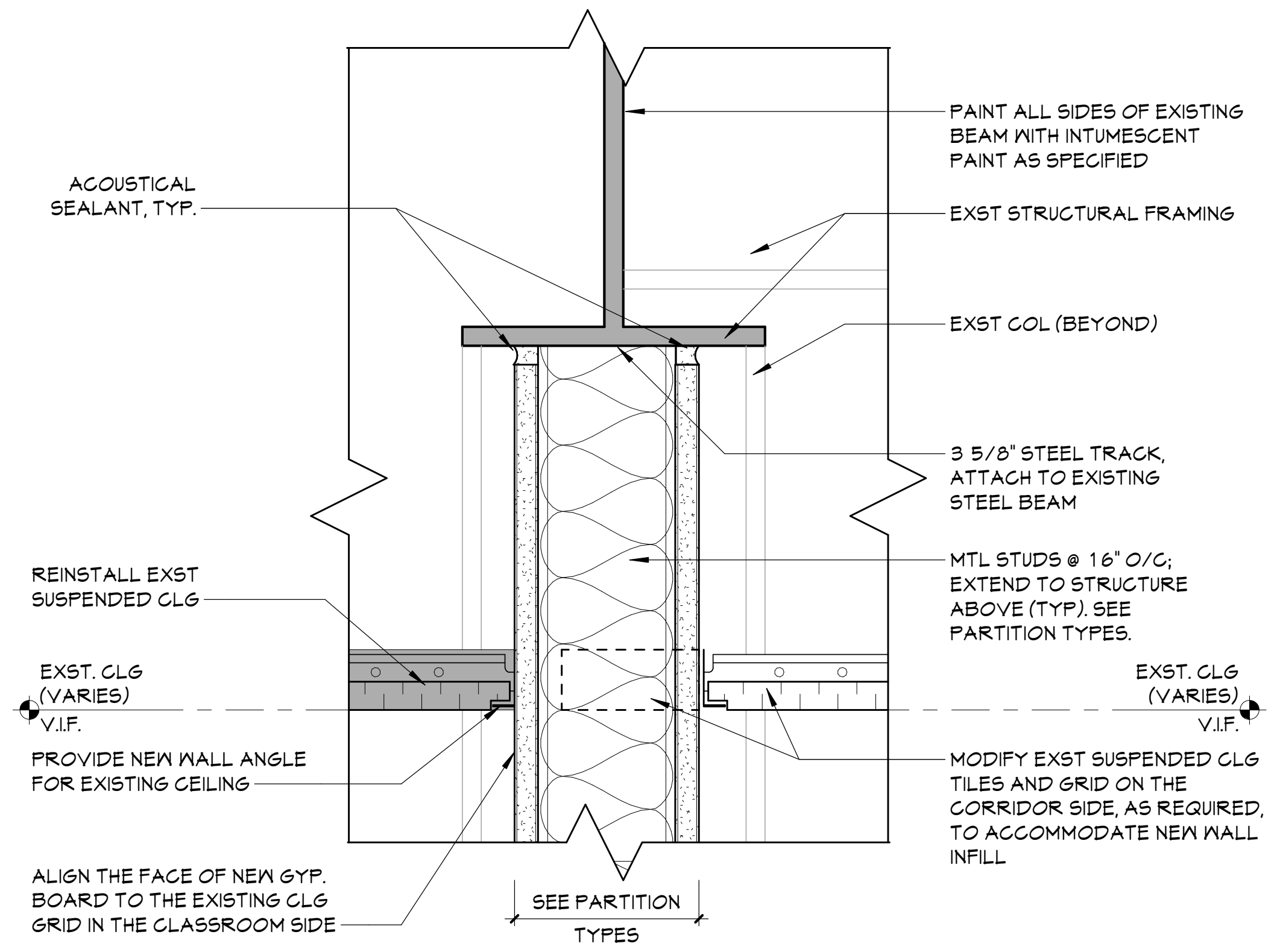
9 HEAD DETAIL @ ART ROOM

A360 3" = 1'-0"


B.O. DECK BOILER ROOM
9
A360
EXST ROOF FRAMING
3' - 0" +/-
WHERE DUCT PENETRATIONS OCCUR, PROVIDE GWB AND ACOUSTICAL SEALANT AROUND DUCT OPENING, TYP. ON BOTH SIDES
PATCH, SAND, AND REPAINT ENTIRE WALL TO MATCH ADJACENT EXISTING.
PROVIDE NEW 5/8" TYPE X GWB TO THE UNDERSIDE OF EXST BOTTOM OF THE BEAM TYP. ON BOTH SIDES
REINSTALL EXISTING CLG TILES AND FIXTURES
REINSTALL EXISTING TACKBOARD. TYPICAL ON BOTH SIDES
PROVIDE METAL STRAPPING BEHIND TACKBOARDS, TYP.
ART ROOM
116
BOUTIQUE/STORAGE
116A
9' - 0" +/-
EXST METAL STUDS
EXST WALLBOARD
ART ROOM FLOOR

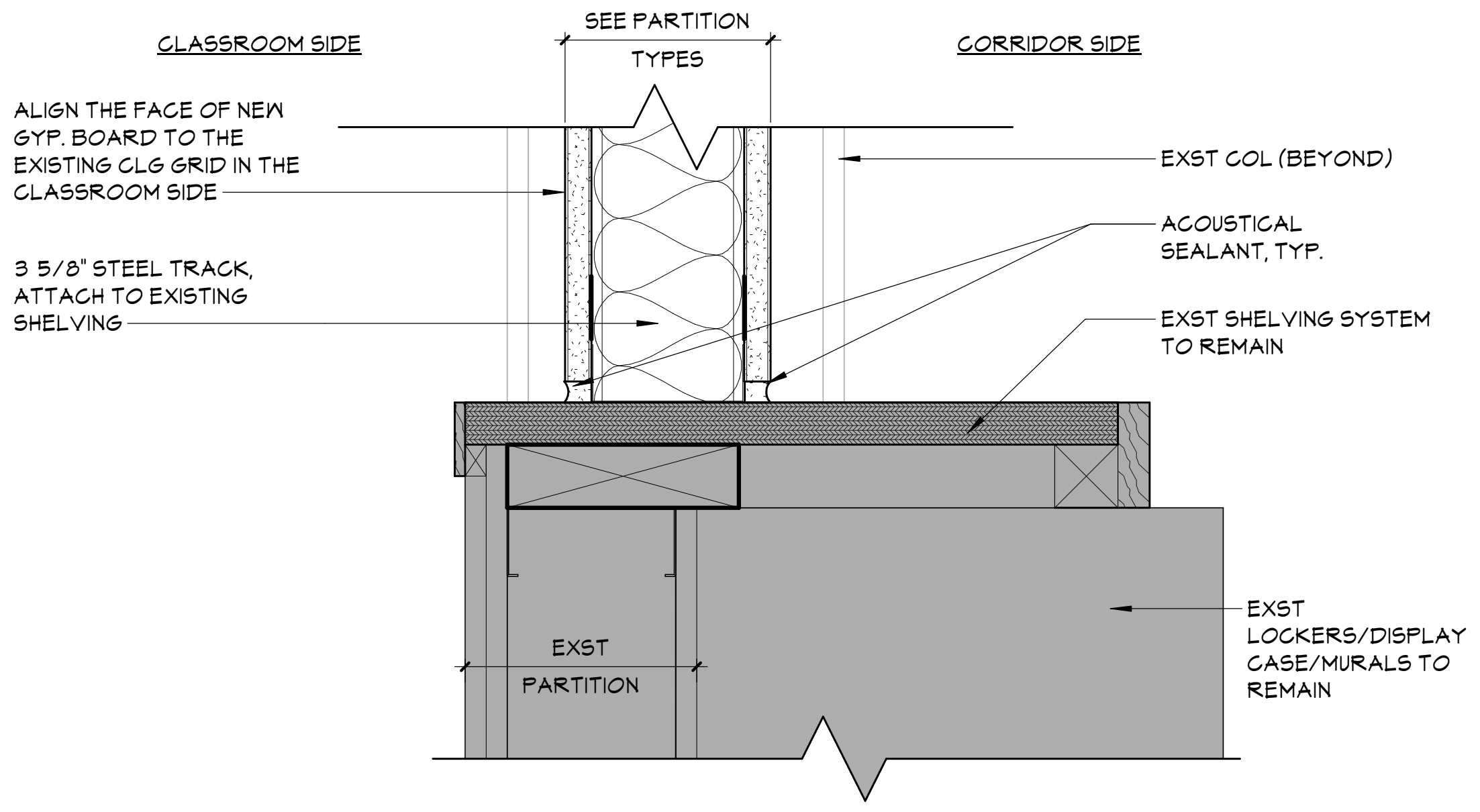
8 WALL SECTION @ ART ROOM

A360 3/4" = 1'-0"


ACOUSTICAL SEALANT, TYP.
PAINT ALL SIDES OF EXISTING BEAM WITH INTUMESCENT PAINT AS SPECIFIED
EXST STRUCTURAL FRAMING
EXST COL (BEYOND)
3 5/8" STEEL TRACK, ATTACH TO EXISTING STEEL BEAM
MTL STUDS @ 16" O/C; EXTEND TO STRUCTURE ABOVE (TYP). SEE PARTITION TYPES.
REINSTALL EXST SUSPENDED CLG
EXST. CLG (VARIES) V.I.F.
EXST. CLG (VARIES) V.I.F.
PROVIDE NEW WALL ANGLE FOR EXISTING CEILING
MODIFY EXST SUSPENDED CLG TILES AND GRID ON THE CORRIDOR SIDE, AS REQUIRED, TO ACCOMMODATE NEW WALL INFILL
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
SEE PARTITION TYPES

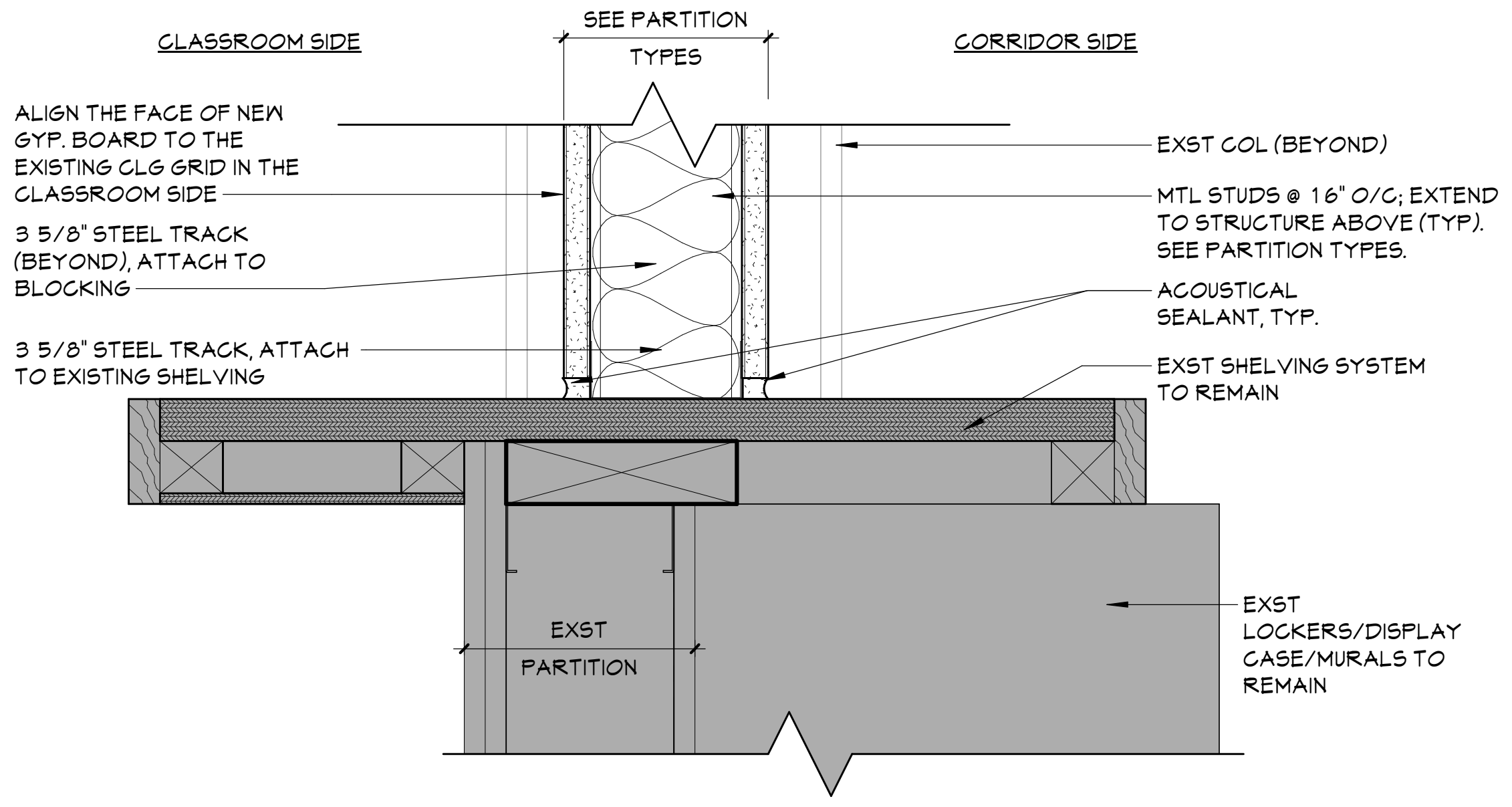
7 HEAD DETAIL @ CORRIDOR

A360 3" = 1'-0"


CLASSROOM SIDE
SEE PARTITION TYPES
CORRIDOR SIDE
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST COL (BEYOND)
ACOUSTICAL SEALANT, TYP.
3 5/8" STEEL TRACK, ATTACH TO EXISTING SHELVING
EXST SHELVING SYSTEM TO REMAIN
EXST PARTITION
EXST LOCKERS/DISPLAY CASE/MURALS TO REMAIN

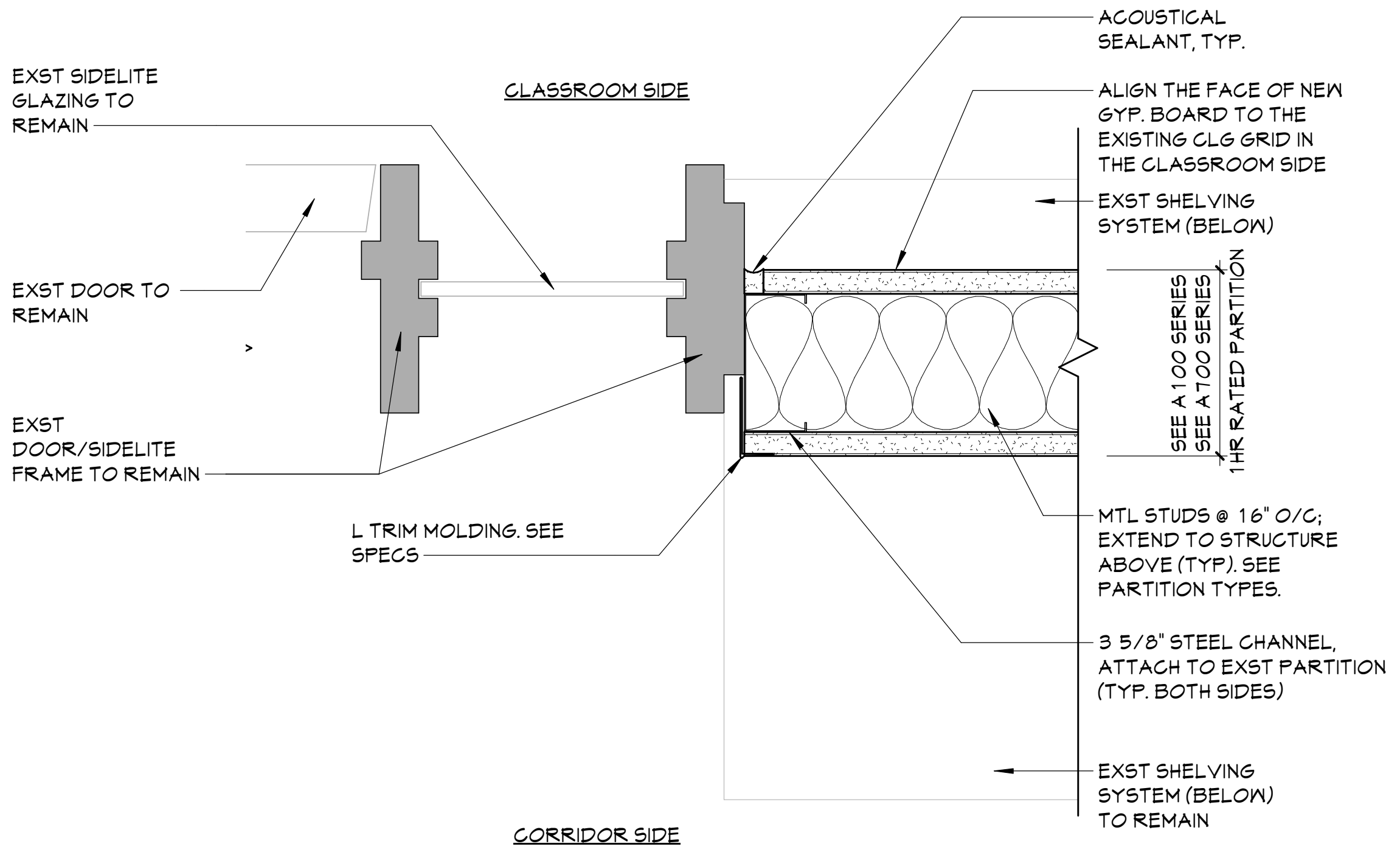
6 SILL DTL @ CORRIDOR

A360 3" = 1'-0"


CLASSROOM SIDE
SEE PARTITION TYPES
CORRIDOR SIDE
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST COL (BEYOND)
3 5/8" STEEL TRACK (BEYOND), ATTACH TO BLOCKING
MTL STUDS @ 16" O/C; EXTEND TO STRUCTURE ABOVE (TYP). SEE PARTITION TYPES.
ACOUSTICAL SEALANT, TYP.
3 5/8" STEEL TRACK, ATTACH TO EXISTING SHELVING
EXST SHELVING SYSTEM TO REMAIN
EXST PARTITION
EXST LOCKERS/DISPLAY CASE/MURALS TO REMAIN

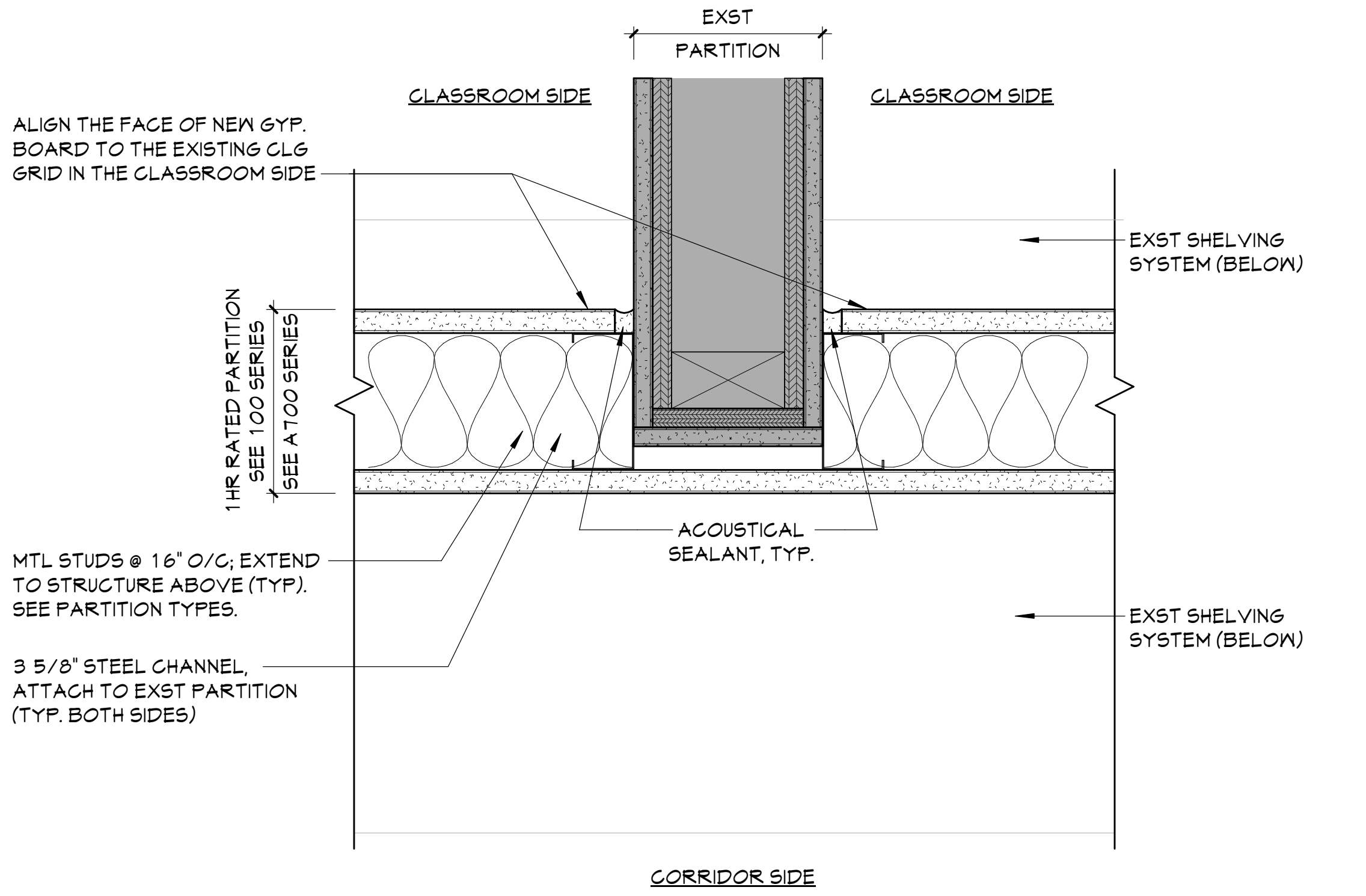
5 SILL DTL @ CORRIDOR

A360 3" = 1'-0"


EXST SIDELITE GLAZING TO REMAIN
CLASSROOM SIDE
ACOUSTICAL SEALANT, TYP.
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST SHELVING SYSTEM (BELOW)
EXST DOOR TO REMAIN
SEE A100 SERIES
SEE A700 SERIES
1HR RATED PARTITION
EXST DOOR/SIDELITE FRAME TO REMAIN
L TRIM MOLDING. SEE SPECS
MTL STUDS @ 16" O/C; EXTEND TO STRUCTURE ABOVE (TYP). SEE PARTITION TYPES.
3 5/8" STEEL CHANNEL, ATTACH TO EXST PARTITION (TYP. BOTH SIDES)
EXST SHELVING SYSTEM (BELOW) TO REMAIN
CORRIDOR SIDE

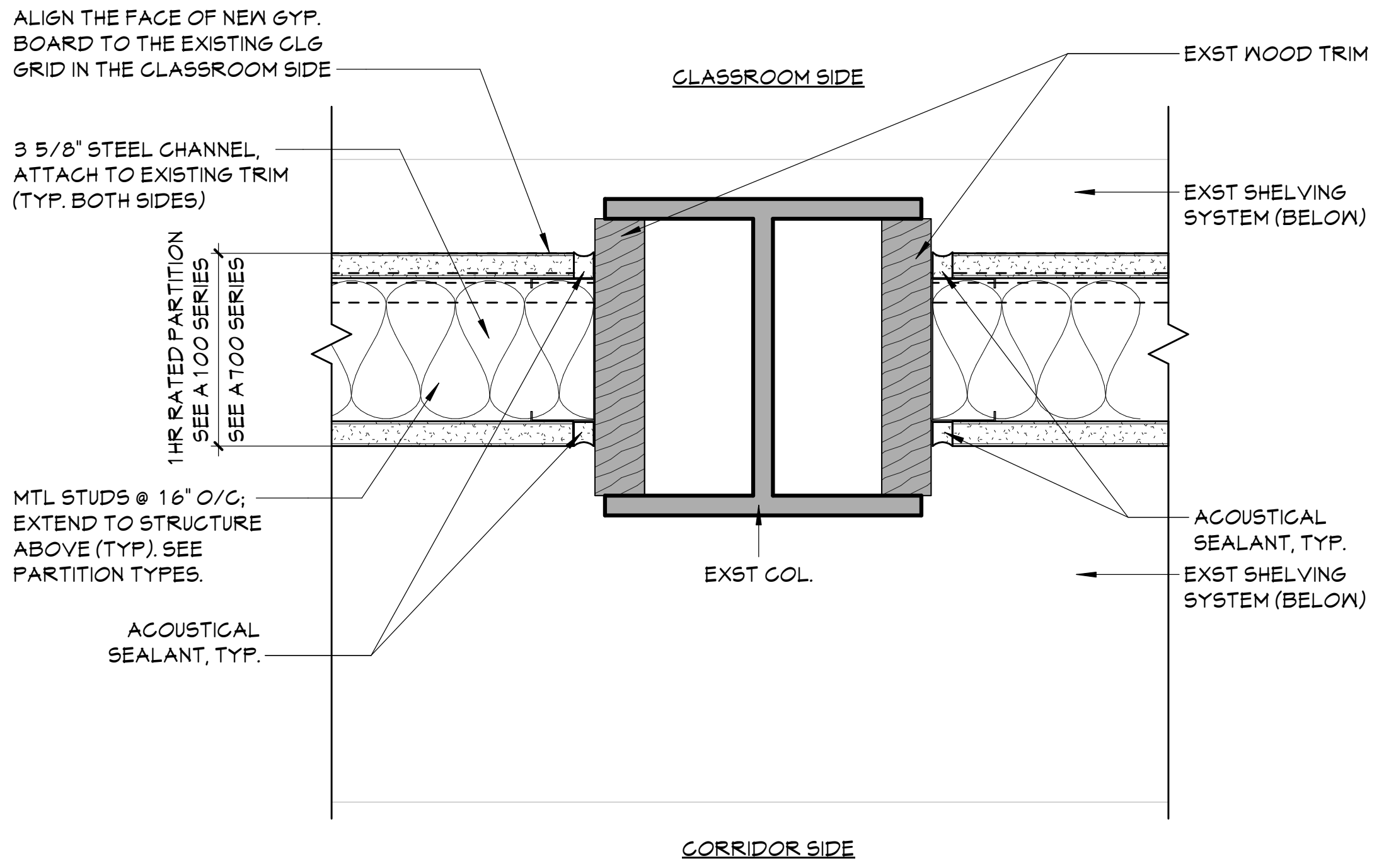
4 PLAN DETL @ EXST SIDELITE

A360 3" = 1'-0"


EXST PARTITION
CLASSROOM SIDE
CLASSROOM SIDE
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST SHELVING SYSTEM (BELOW)
1HR RATED PARTITION
SEE 100 SERIES
SEE A700 SERIES
ACOUSTICAL SEALANT, TYP.
MTL STUDS @ 16" O/C; EXTEND TO STRUCTURE ABOVE (TYP). SEE PARTITION TYPES.
EXST SHELVING SYSTEM (BELOW)
3 5/8" STEEL CHANNEL, ATTACH TO EXST PARTITION (TYP. BOTH SIDES)
CORRIDOR SIDE

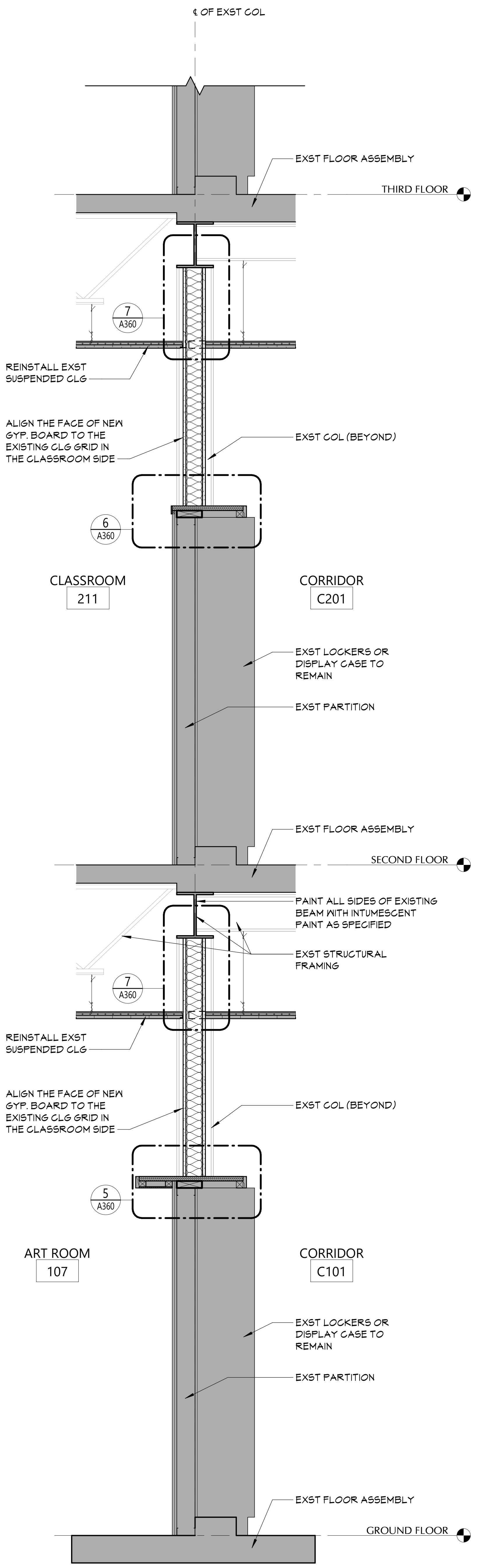
3 PLAN DETL @ EXST PARTITION

A360 3" = 1'-0"


ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
CLASSROOM SIDE
EXST WOOD TRIM
3 5/8" STEEL CHANNEL, ATTACH TO EXISTING TRIM (TYP. BOTH SIDES)
EXST SHELVING SYSTEM (BELOW)
1HR RATED PARTITION
SEE A100 SERIES
SEE A700 SERIES
MTL STUDS @ 16" O/C; EXTEND TO STRUCTURE ABOVE (TYP). SEE PARTITION TYPES.
ACOUSTICAL SEALANT, TYP.
EXST COL.
ACOUSTICAL SEALANT, TYP.
EXST SHELVING SYSTEM (BELOW)
CORRIDOR SIDE

2 PLAN DETL @ EXST COLUMN

A360 3" = 1'-0"


℄ OF EXST COL
EXST FLOOR ASSEMBLY
THIRD FLOOR
7
A360
REINSTALL EXST SUSPENDED CLG
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST COL (BEYOND)
6
A360
CLASSROOM
211
CORRIDOR
C201
EXST LOCKERS OR DISPLAY CASE TO REMAIN
EXST PARTITION
EXST FLOOR ASSEMBLY
SECOND FLOOR
PAINT ALL SIDES OF EXISTING BEAM WITH INTUMESCENT PAINT AS SPECIFIED
EXST STRUCTURAL FRAMING
7
A360
REINSTALL EXST SUSPENDED CLG
ALIGN THE FACE OF NEW GYP. BOARD TO THE EXISTING CLG GRID IN THE CLASSROOM SIDE
EXST COL (BEYOND)
5
A360
ART ROOM
107
CORRIDOR
C101
EXST LOCKERS OR DISPLAY CASE TO REMAIN
EXST PARTITION
EXST FLOOR ASSEMBLY
GROUND FLOOR

1 WALL SECTION AT CORRIDOR

A360 3/4" = 1'-0"

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Sheet Title

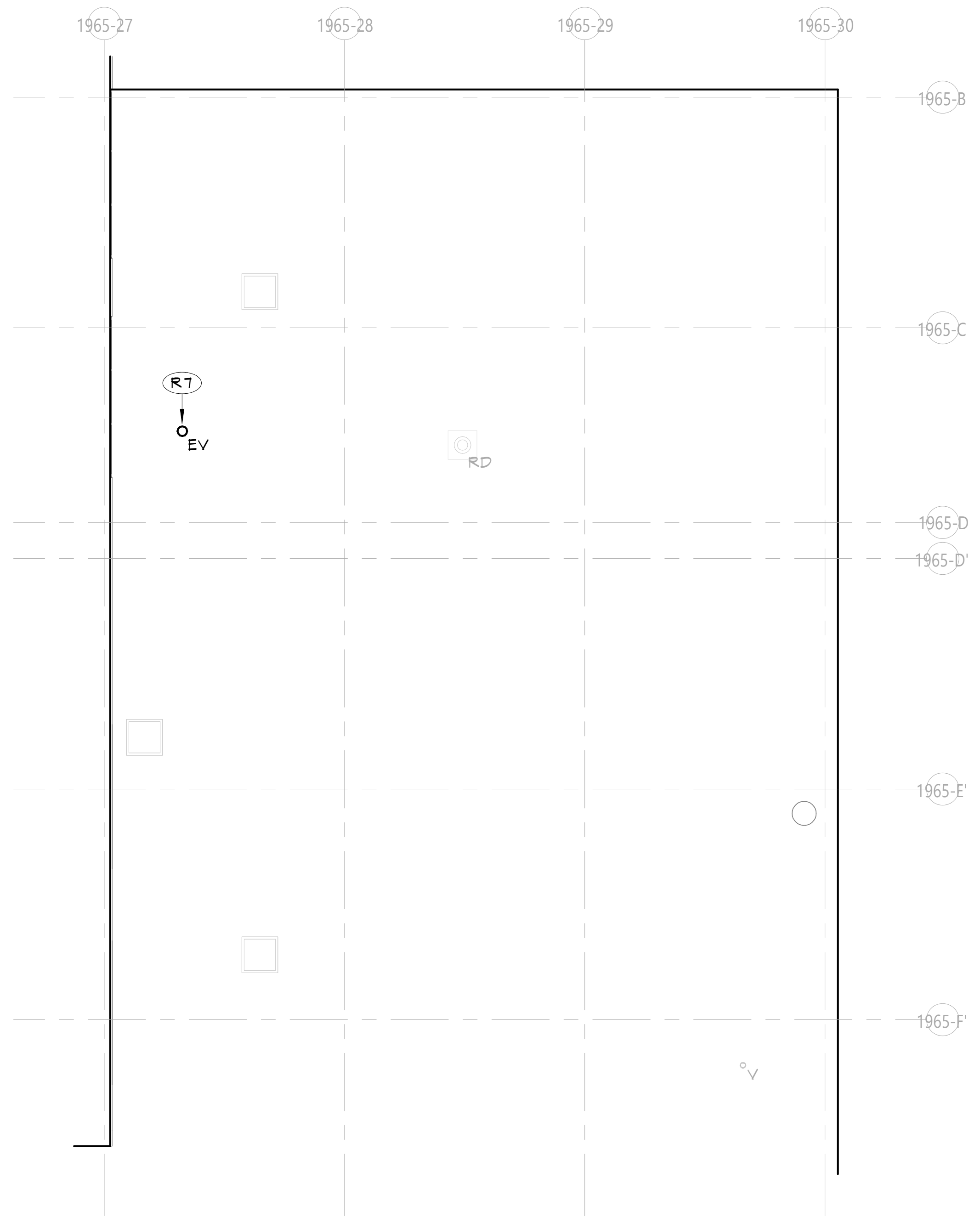
WALL
SECTIONS
AND DETAILS

Sheet No.

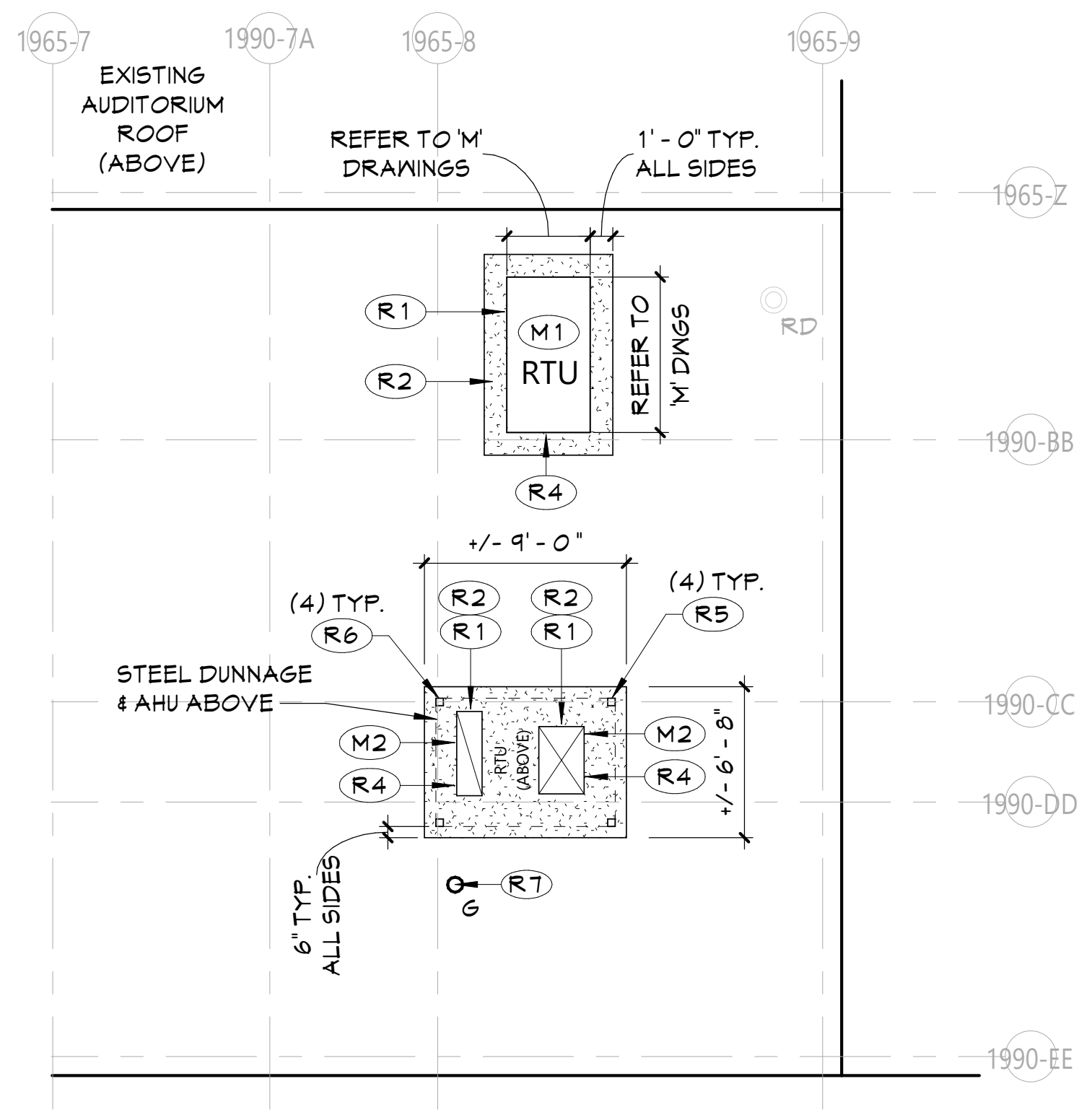
WHS
A360

CONSTRUCTION DOCUMENTS

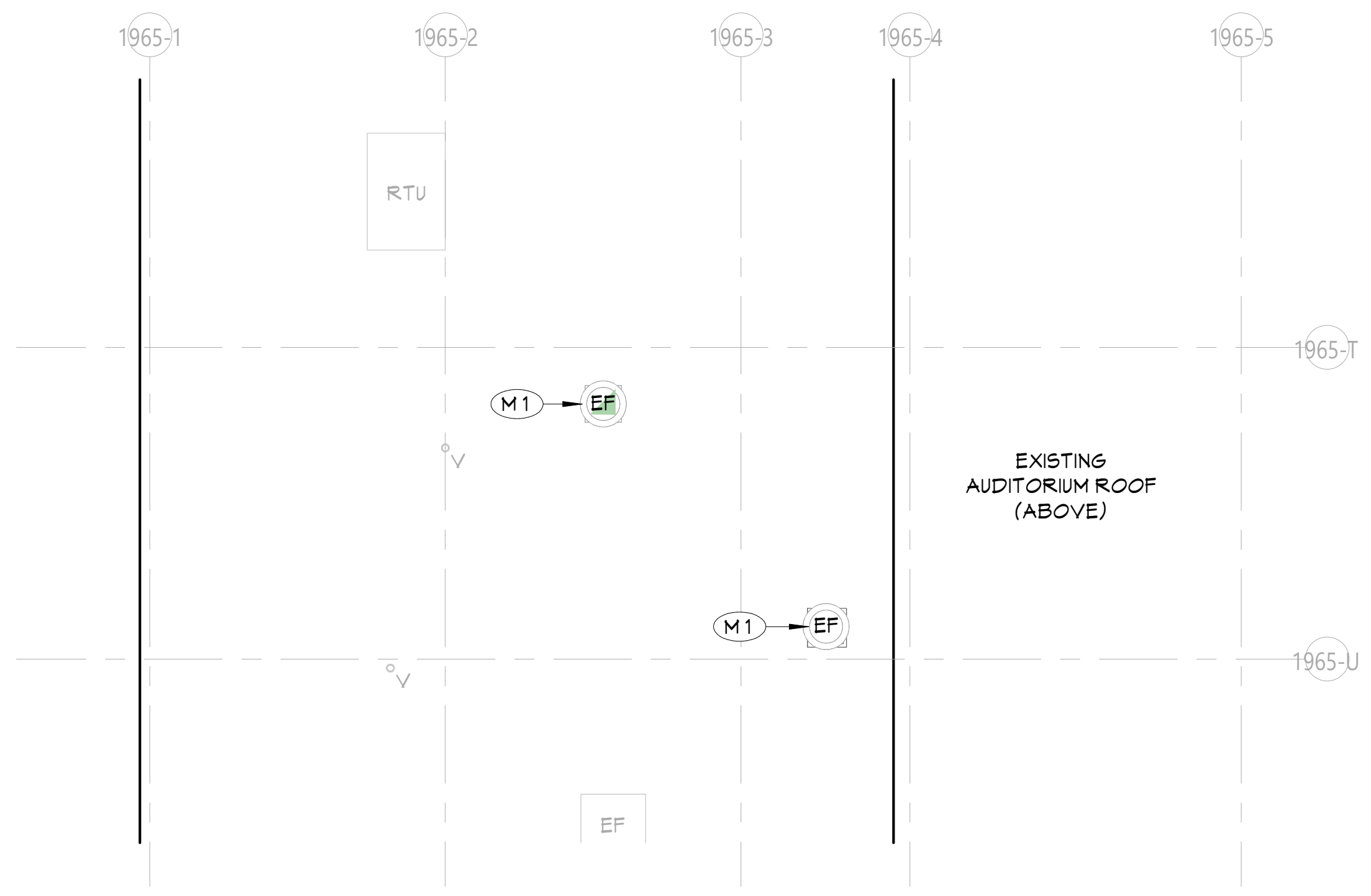
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



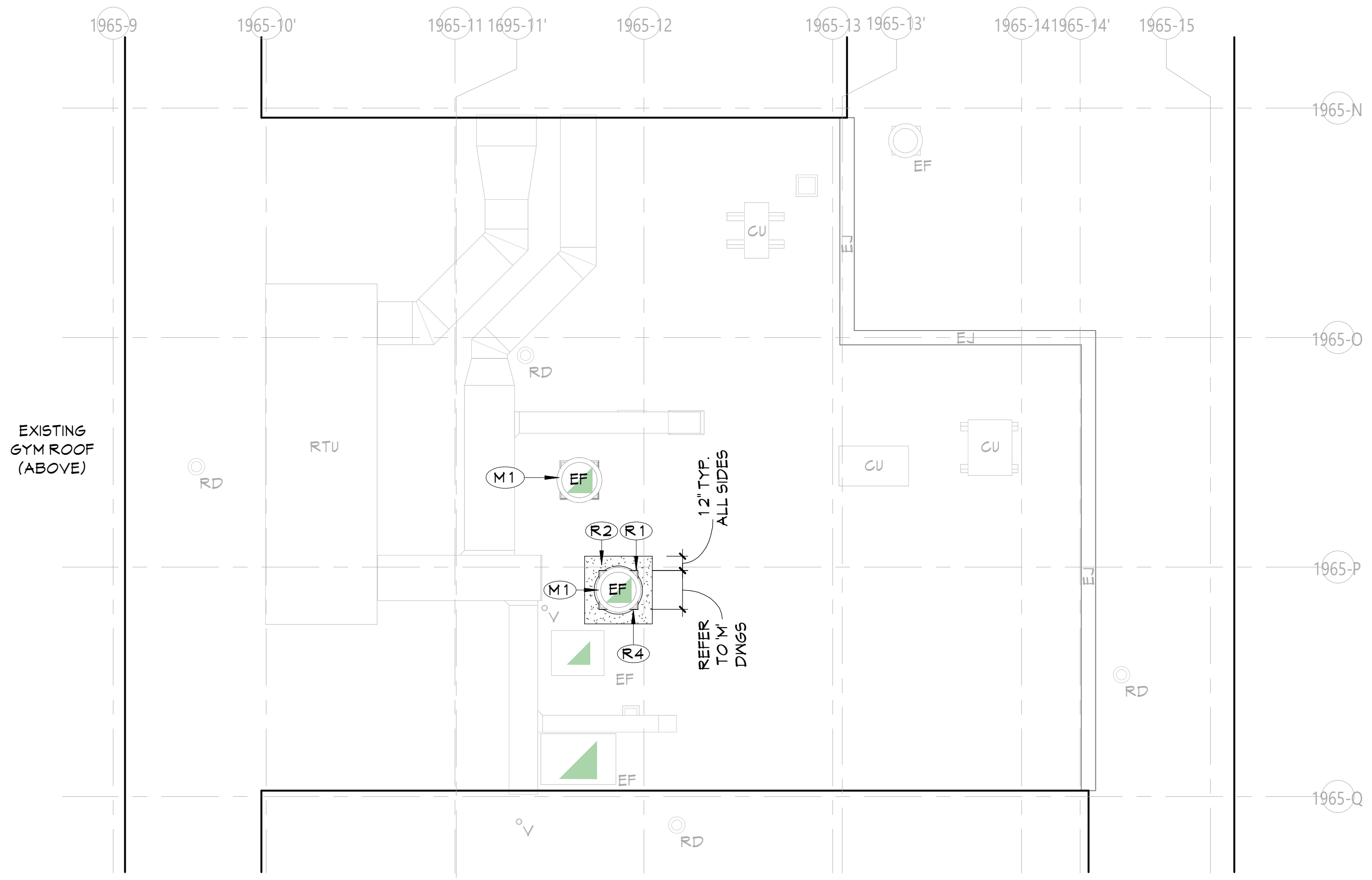
4 BOILER ROOM - NEW WORK ROOF PLAN
A401 1/8" = 1'-0"



2 FAN ROOM - NEW WORK ROOF PLAN
A401 1/8" = 1'-0"



3 AUDITORIUM TOILETS - NEW WORK ROOF PLAN
A401 1/8" = 1'-0"



1 KITCHEN - NEW WORK ROOF PLAN
A401 1/8" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

⊠	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○○	GOOSENECK, COORDINATE W/ MEP DWGS
☐ PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
⊠ ◪	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
→	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
▭	SOLAR PANEL, COORDINATE W/ MEP DWGS
⬚	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

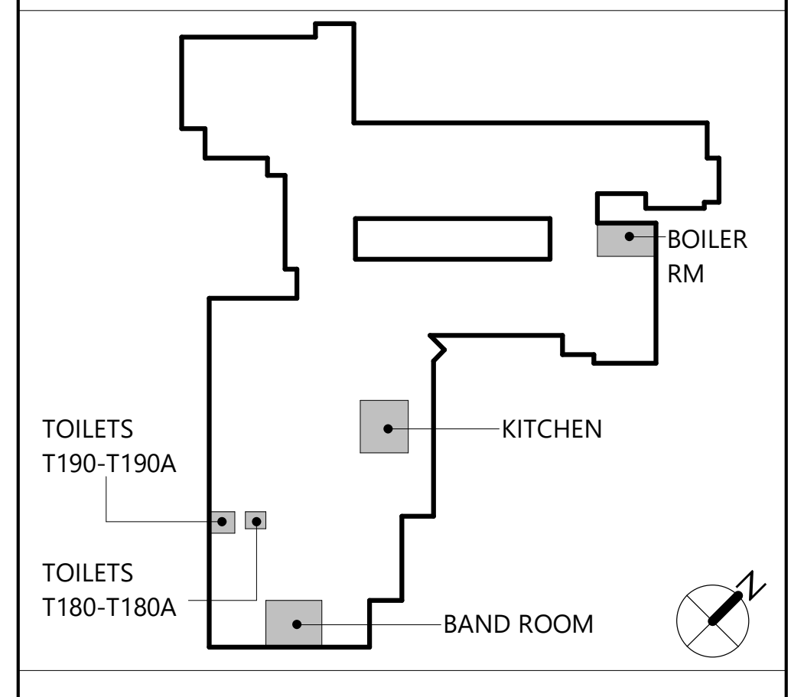
ROOF NEW WORK LEGEND

▨	AREA OF ROOF PATCHING/FLASHING

NEW WORK KEYNOTES

	Description
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
R1	PROVIDE ROOF FLASHING AROUND NEW ROOFTOP UNIT MECHANICAL EQUIPMENT CURB. COORDINATE WITH MECHANICAL DRAWINGS.
R2	PROVIDE 12" MINIMUM OF NEW ROOFING SYSTEM AROUND THE PERIMETER OF NEW MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
R4	PROVIDE NEW ROOF CURB FOR NEW ROOF MOUNTED MECHANICAL EQUIPMENT. COORDINATE WITH MEP DRAWINGS.
R5	PROVIDE ROOF FLASHING AROUND NEW STRUCTURAL PENETRATION. COORDINATE WITH STRUCTURAL DRAWINGS.
R6	PROVIDE 6" MINIMUM OF NEW ROOFING SYSTEM AROUND THE PERIMETER OF NEW STRUCTURAL PENETRATION. COORDINATE WITH STRUCTURAL DRAWINGS.
R7	PROVIDE ROOF FLASHING AROUND NEW MECHANICAL OR PLUMBING PENETRATION. COORDINATE WITH MECHANICAL & PLUMBING DRAWINGS.

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
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THOMAS M. RITZENTHALER
023344
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Sheet Title

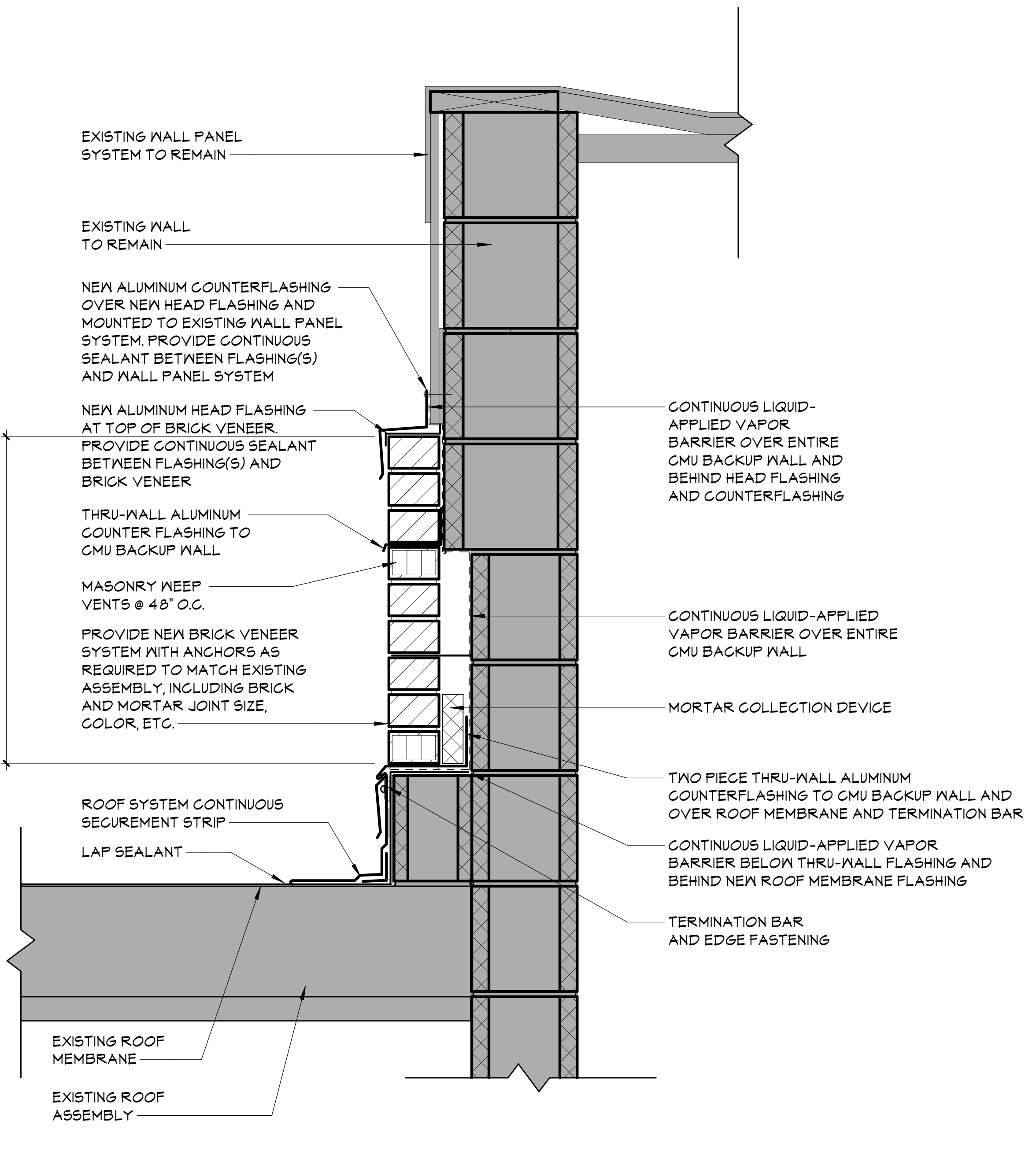
PARTIAL ROOF
NEW WORK
PLANS

Sheet No.

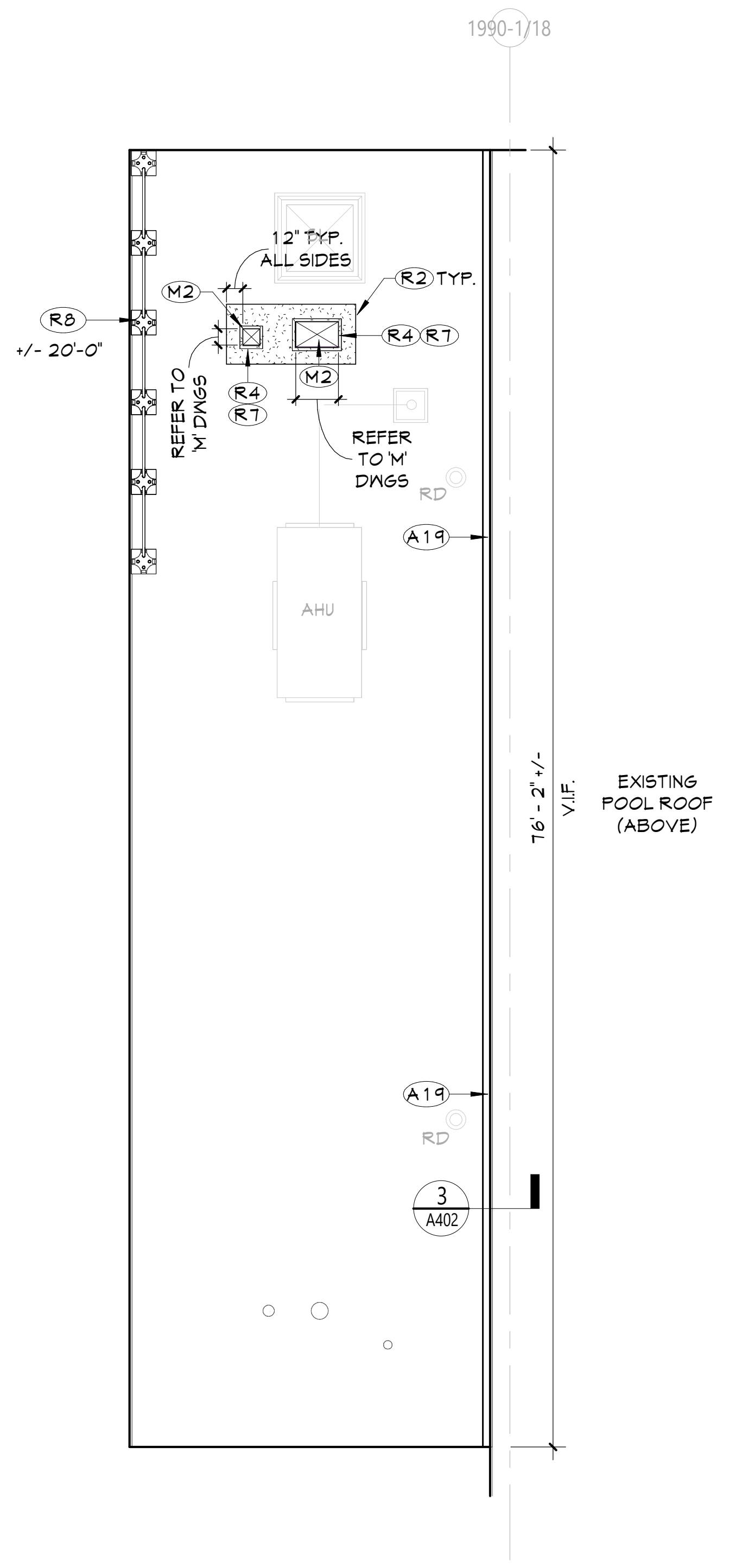
WHS
A401

CONSTRUCTION DOCUMENTS

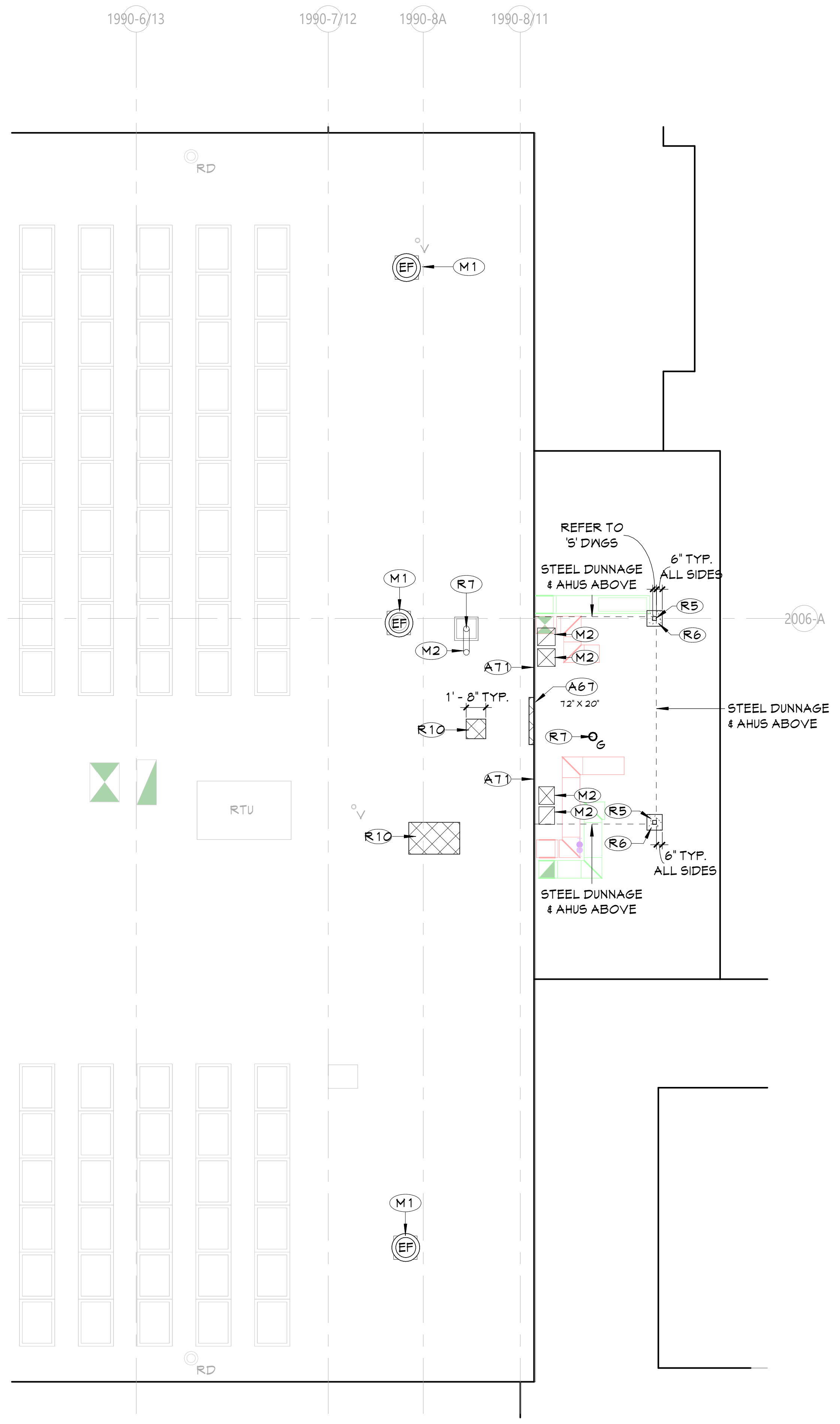
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt


EXISTING WALL PANEL SYSTEM TO REMAIN
EXISTING WALL TO REMAIN
NEW ALUMINUM COUNTERFLASHING OVER NEW HEAD FLASHING AND MOUNTED TO EXISTING WALL PANEL SYSTEM. PROVIDE CONTINUOUS SEALANT BETWEEN FLASHING(S) AND WALL PANEL SYSTEM
NEW ALUMINUM HEAD FLASHING AT TOP OF BRICK VENEER. PROVIDE CONTINUOUS SEALANT BETWEEN FLASHING(S) AND BRICK VENEER
THRU-WALL ALUMINUM COUNTER FLASHING TO CMU BACKUP WALL
MASONRY WEEP VENTS @ 48" O.C.
PROVIDE NEW BRICK VENEER SYSTEM WITH ANCHORS AS REQUIRED TO MATCH EXISTING ASSEMBLY, INCLUDING BRICK AND MORTAR JOINT SIZE, COLOR, ETC.
9 COURSES
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP
LAP SEALANT
EXISTING ROOF MEMBRANE
EXISTING ROOF ASSEMBLY
CONTINUOUS LIQUID-APPLIED VAPOR BARRIER OVER ENTIRE CMU BACKUP WALL AND BEHIND HEAD FLASHING AND COUNTERFLASHING
CONTINUOUS LIQUID-APPLIED VAPOR BARRIER OVER ENTIRE CMU BACKUP WALL
MORTAR COLLECTION DEVICE
TWO PIECE THRU-WALL ALUMINUM COUNTERFLASHING TO CMU BACKUP WALL AND OVER ROOF MEMBRANE AND TERMINATION BAR
CONTINUOUS LIQUID-APPLIED VAPOR BARRIER BELOW THRU-WALL FLASHING AND BEHIND NEW ROOF MEMBRANE FLASHING
TERMINATION BAR AND EDGE FASTENING

3 WALL SECTION DETAIL AT ROOF
A402 1 1/2" = 1'-0"



2 POOL FAN ROOM - NEW WORK ROOF PLAN
A402 1/8" = 1'-0"



1 SPECTATOR AREA - NEW WORK ROOF PLAN
A402 1/8" = 1'-0"

ROOF GENERAL NOTES

1. EXISTING CURBS, VENTS, DRAINS, AND OTHER PENETRATION SIZES AND LOCATIONS TO REMAIN ARE APPROXIMATE. VERIFY IN FIELD AND COORDINATE AS REQUIRED.
2. ALL EXISTING ROOF AREAS SHALL BE PROTECTED DURING CONSTRUCTION.
3. FOR NEW WORK, CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS, THE REQUIRED REMOVALS/PATCHING, AND THE FLASHING REQUIREMENTS WITH THE APPROVED SUBMITTALS.

ROOF LEGEND

☒	ROOF DRAIN, COORDINATE W/ MEP DWGS
○ V	VENT PIPE, COORDINATE W/ MEP DWGS
○ EV	EXHAUST PIPE, COORDINATE W/ MEP DWGS
○ G	GAS PIPE, COORDINATE W/ MEP DWGS
○○	GOOSENECK, COORDINATE W/ MEP DWGS
☐PC	PIPE CURB, COORDINATE W/ MEP DWGS
CU	CONDENSING UNIT, COORDINATE W/ MEP DWGS
MAU	MAKEUP AIR UNIT, COORDINATE W/ MEP DWGS
RTU	ROOFTOP UNIT, COORDINATE W/ MEP DWGS
☒ ◪	DUCT PENETRATION, COORDINATE W/ MEP DWGS
EF	EXHAUST FAN, COORDINATE W/ MEP DWGS
AH	ROOF ACCESS HATCH
→	INDICATES DIRECTION OF SLOPE
L	ROOF LADDER
EJ	EXPANSION JOINT
SL	SKYLIGHT
▭	SOLAR PANEL, COORDINATE W/ MEP DWGS
⬚	DUNNAGE (ABOVE) WITH ROOF POSTS COORDINATE W/ STRUCTURAL DWGS

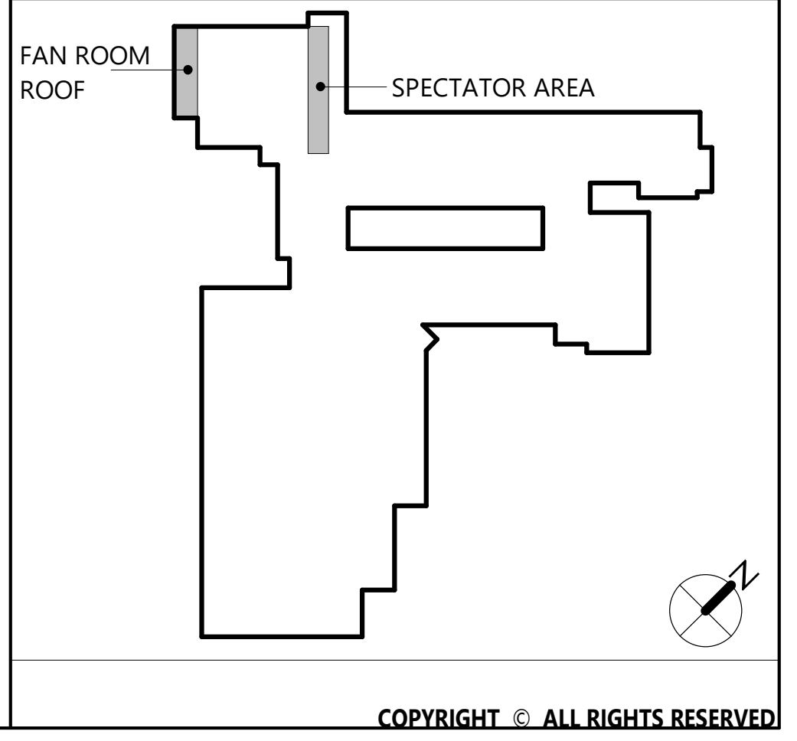
ROOF NEW WORK LEGEND

▨	AREA OF ROOF PATCHING/FLASHING

NEW WORK KEYNOTES

	Description
A19	PROVIDE NEW BRICK VENEER INFILL TO MATCH EXISTING MASONRY. PROVIDE WEEP HOLES, ANCHORS, FLASHING, AND DRAINAGE PLANE PER INDUSTRY STANDARDS.PROTECT ADJACENT SURFACES DURING WORK.
A67	WHERE LOUVER WAS PREVIOUSLY REMOVED, PROVIDE METAL COMPOSITE INFILL PANEL AND SEAL COMPLETELY AT EDGES.
A71	PROVIDE BEAM POCKETS AS REQUIRED. COORDINATE WITH STRUCTURAL DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
R2	PROVIDE 12" MINIMUM OF NEW ROOFING SYSTEM AROUND THE PERIMETER OF NEW MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS.
R4	PROVIDE NEW ROOF CURB FOR NEW ROOF MOUNTED MECHANICAL EQUIPMENT. COORDINATE WITH MEP DRAWINGS.
R5	PROVIDE ROOF FLASHING AROUND NEW STRUCTURAL PENETRATION. COORDINATE WITH STRUCTURAL DRAWINGS.
R6	PROVIDE 6" MINIMUM OF NEW ROOFING SYSTEM AROUND THE PERIMETER OF NEW STRUCTURAL PENETRATION. COORDINATE WITH STRUCTURAL DRAWINGS.
R7	PROVIDE ROOF FLASHING AROUND NEW MECHANICAL OR PLUMBING PENETRATION. COORDINATE WITH MECHANICAL & PLUMBING DRAWINGS.
R8	PROVIDE NON-PENETRATING ROOF FALL PROTECTION GUARDRAILS AS SPECIFIED.
R10	PROVIDE ROOF INFILL PER DETAILS.

KEY PLAN



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PARTIAL ROOF NEW WORK PLANS

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WHS A402

CONSTRUCTION DOCUMENTS

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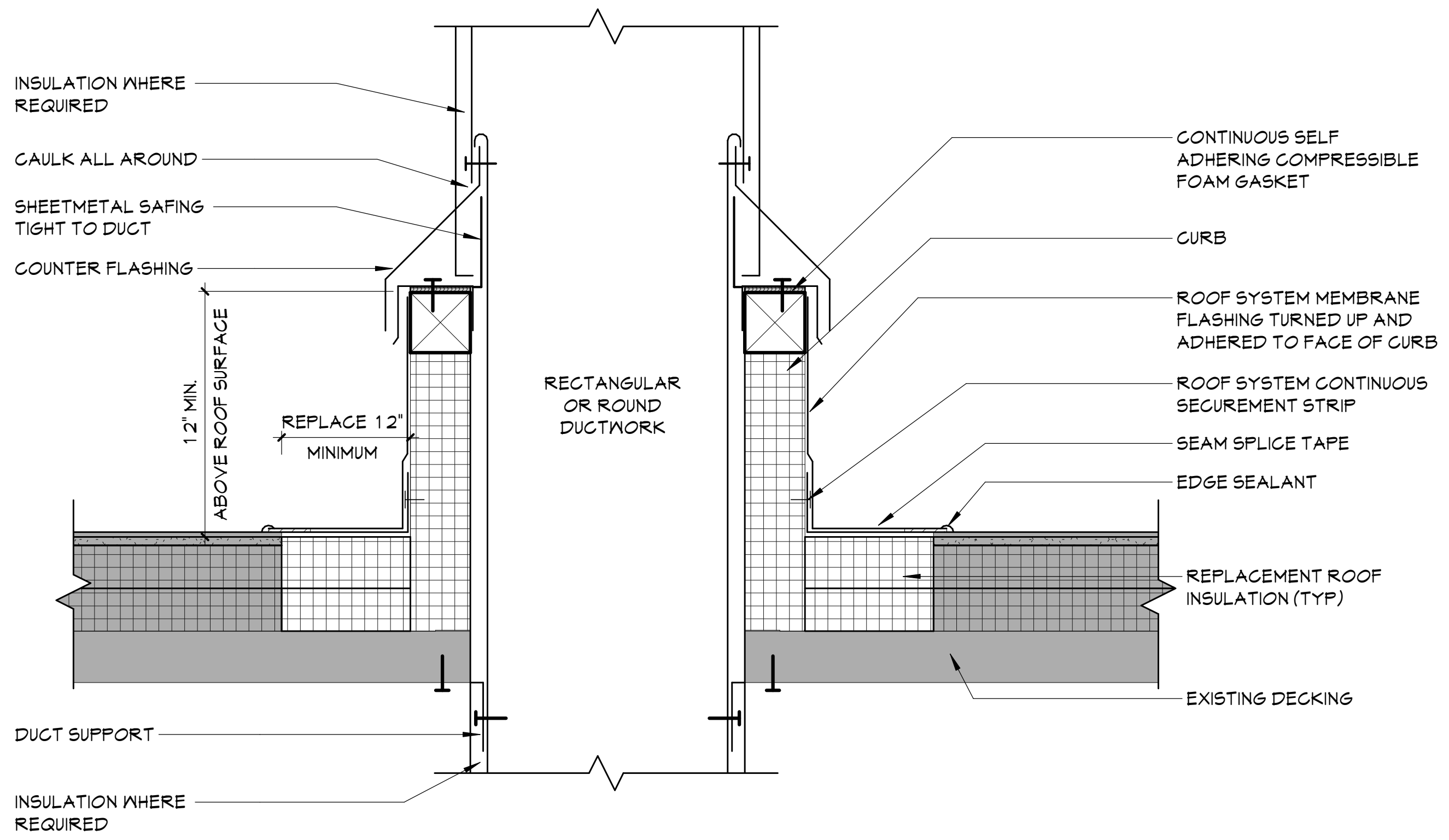
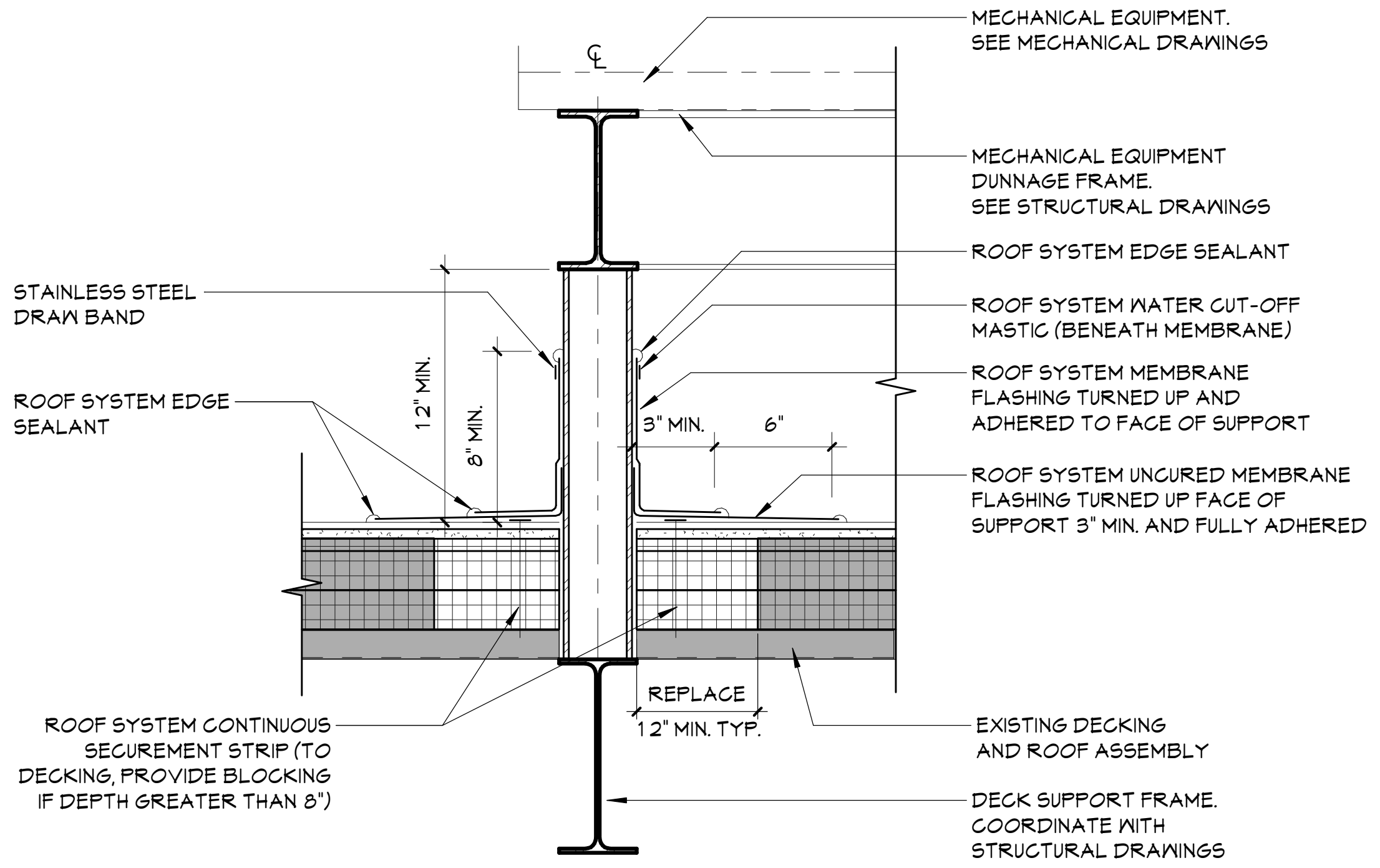

INSULATION WHERE REQUIRED
CAULK ALL AROUND
SHEETMETAL SAFING TIGHT TO DUCT
COUNTER FLASHING
12" MIN. ABOVE ROOF SURFACE
REPLACE 12" MINIMUM
RECTANGULAR OR ROUND DUCTWORK
DUCT SUPPORT
INSULATION WHERE REQUIRED
CONTINUOUS SELF ADHERING COMPRESSIBLE FOAM GASKET
CURB
ROOF SYSTEM MEMBRANE FLASHING TURNED UP AND ADHERED TO FACE OF CURB
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP
SEAM SPLICE TAPE
EDGE SEALANT
REPLACEMENT ROOF INSULATION (TYP)
EXISTING DECKING

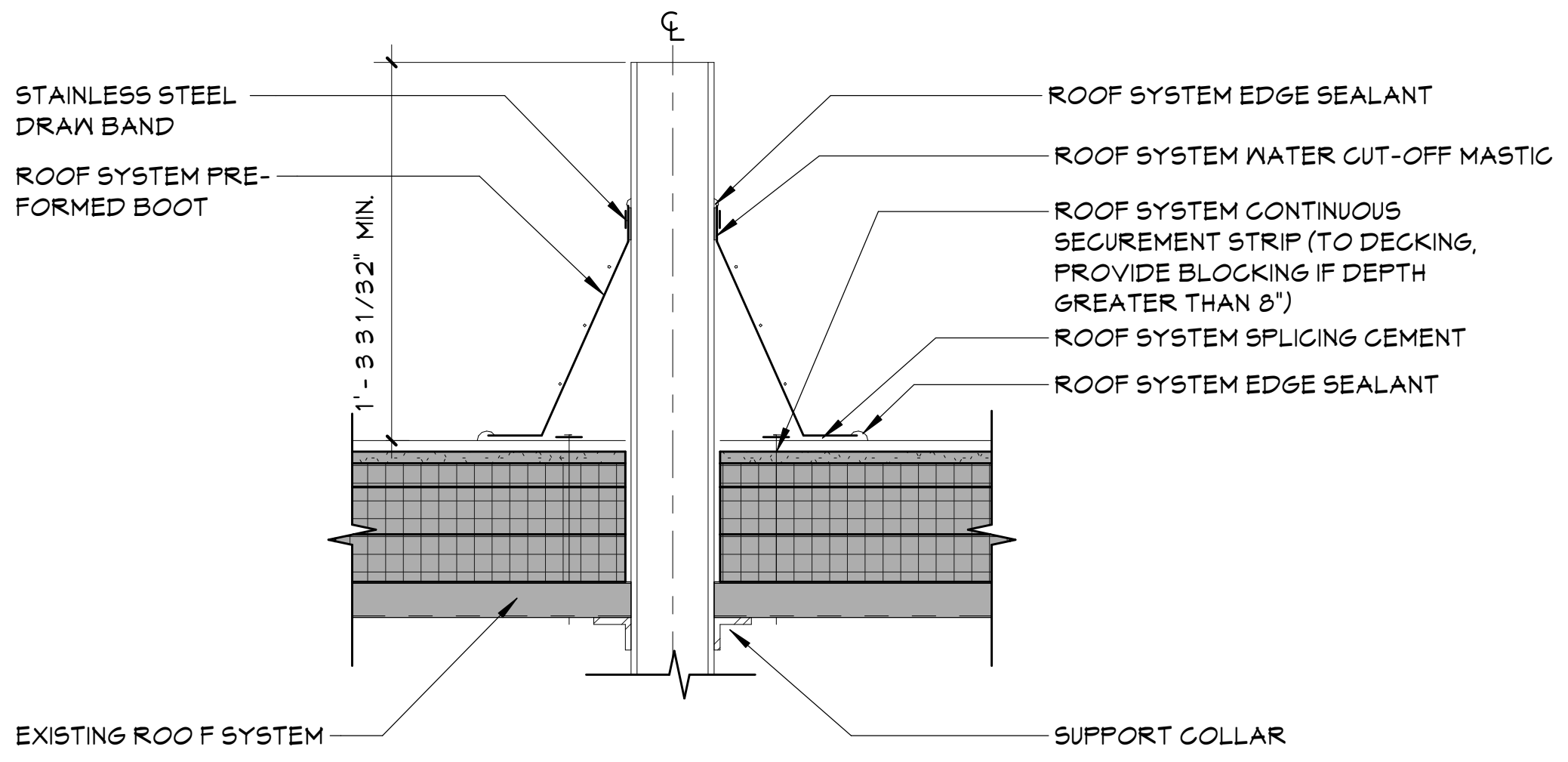
6 ROOF DUCT PENETRATION DETAIL

A450 1 1/2" = 1'-0"


MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS
MECHANICAL EQUIPMENT DUNNAGE FRAME. SEE STRUCTURAL DRAWINGS
ROOF SYSTEM EDGE SEALANT
ROOF SYSTEM WATER CUT-OFF MASTIC (BENEATH MEMBRANE)
ROOF SYSTEM MEMBRANE FLASHING TURNED UP AND ADHERED TO FACE OF SUPPORT
ROOF SYSTEM UNCURED MEMBRANE FLASHING TURNED UP FACE OF SUPPORT 3" MIN. AND FULLY ADHERED
STAINLESS STEEL DRAW BAND
ROOF SYSTEM EDGE SEALANT
12" MIN.
8" MIN.
3" MIN.
6"
REPLACE 12" MIN. TYP.
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP (TO DECKING, PROVIDE BLOCKING IF DEPTH GREATER THAN 8")
EXISTING DECKING AND ROOF ASSEMBLY
DECK SUPPORT FRAME. COORDINATE WITH STRUCTURAL DRAWINGS

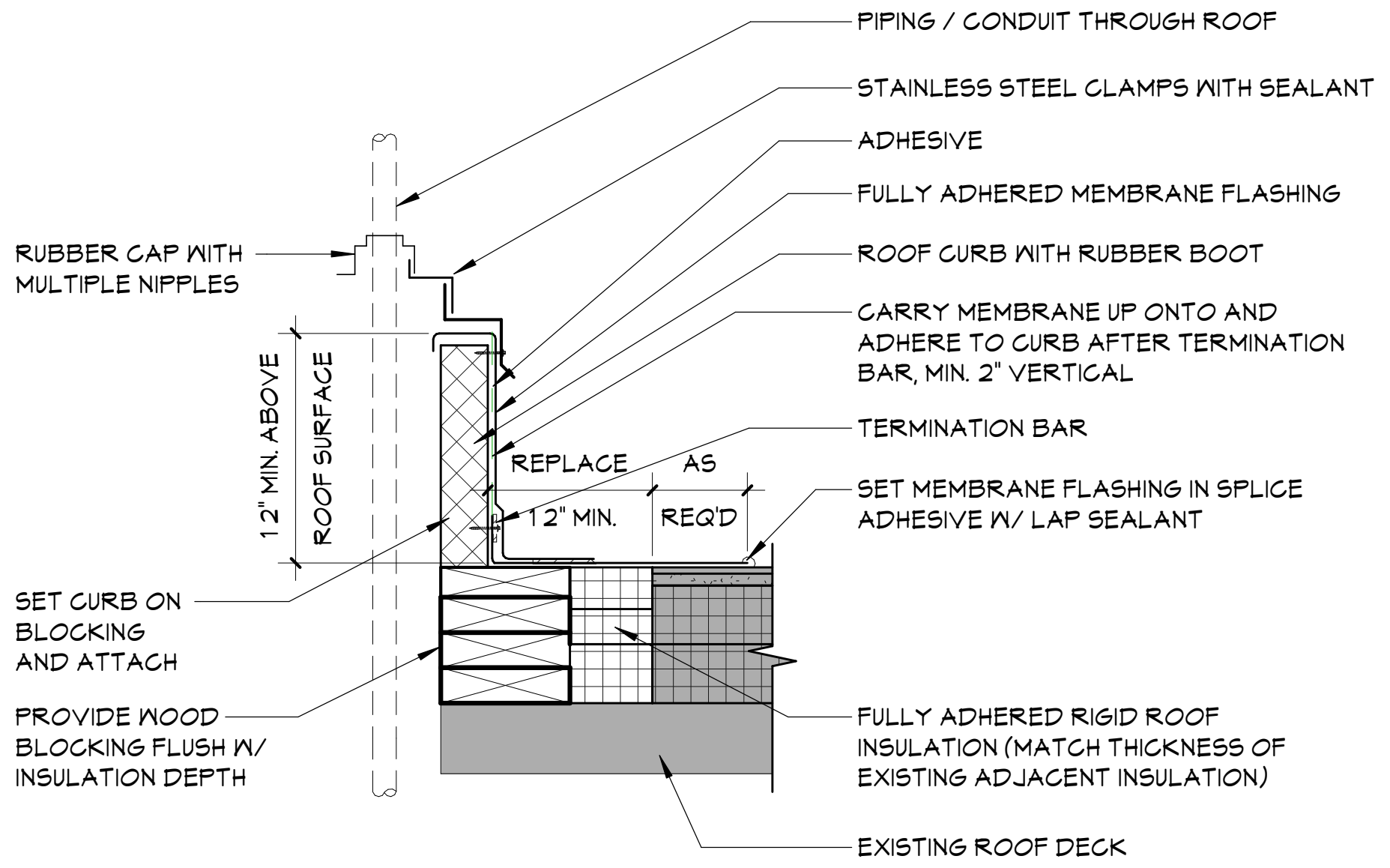
5 MECHANICAL SUPPORT/DUNNAGE DETAIL

A450 1 1/2" = 1'-0"


STAINLESS STEEL DRAW BAND
ROOF SYSTEM PRE-FORMED BOOT
1' - 3 31/32" MIN.
ROOF SYSTEM EDGE SEALANT
ROOF SYSTEM WATER CUT-OFF MASTIC
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP (TO DECKING, PROVIDE BLOCKING IF DEPTH GREATER THAN 8")
ROOF SYSTEM SPLICING CEMENT
ROOF SYSTEM EDGE SEALANT
EXISTING ROO F SYSTEM
SUPPORT COLLAR

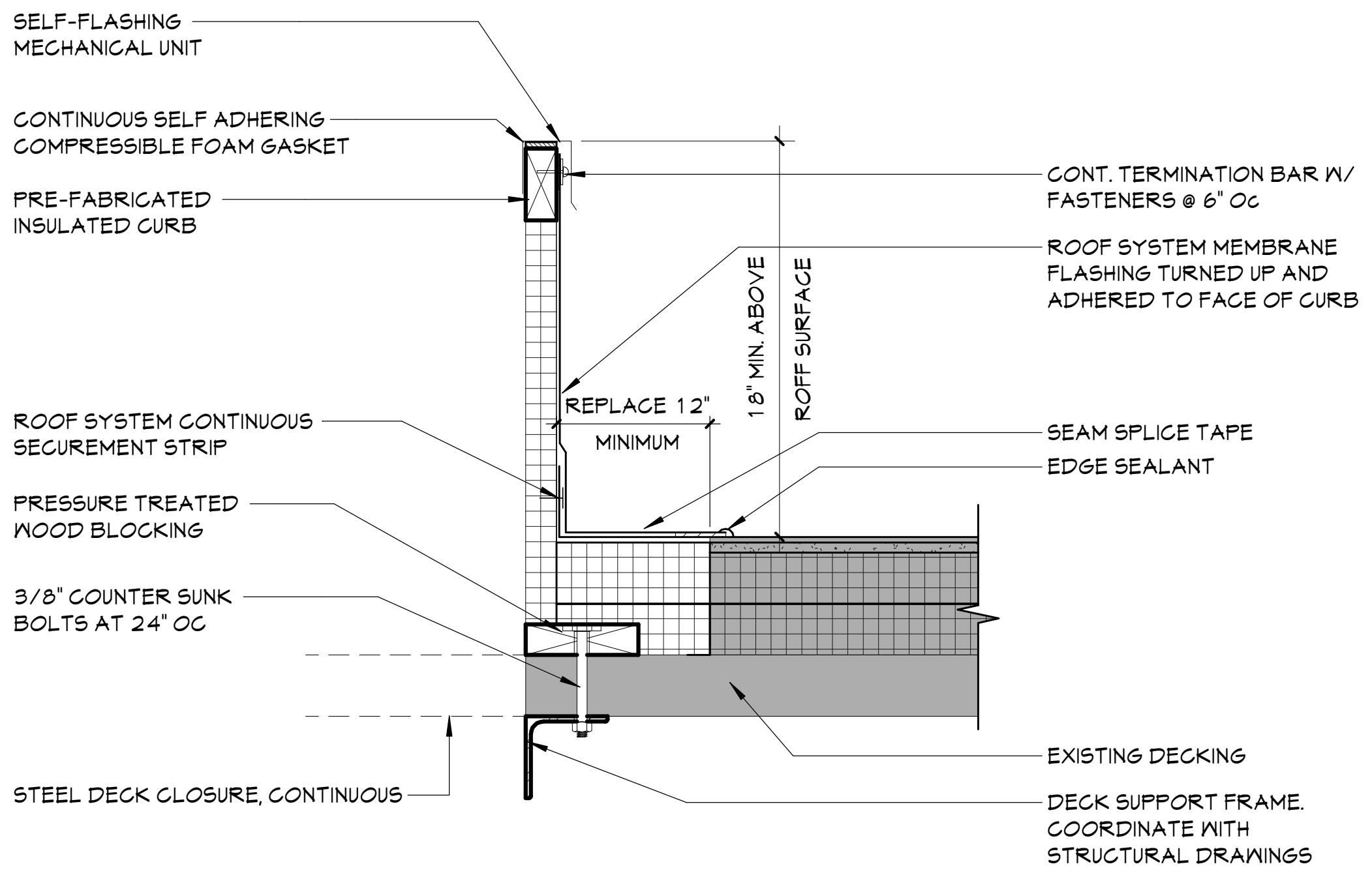
4 VENT & PIPE PENETRATION DETAIL

A450 1 1/2" = 1'-0"


PIPING / CONDUIT THROUGH ROOF
STAINLESS STEEL CLAMPS WITH SEALANT
ADHESIVE
FULLY ADHERED MEMBRANE FLASHING
ROOF CURB WITH RUBBER BOOT
CARRY MEMBRANE UP ONTO AND ADHERE TO CURB AFTER TERMINATION BAR, MIN. 2" VERTICAL
TERMINATION BAR
SET MEMBRANE FLASHING IN SPLICE ADHESIVE W/ LAP SEALANT
RUBBER CAP WITH MULTIPLE NIPPLES
12" MIN. ABOVE ROOF SURFACE
REPLACE 12" MIN.
AS REQ'D
SET CURB ON BLOCKING AND ATTACH
PROVIDE WOOD BLOCKING FLUSH W/ INSULATION DEPTH
FULLY ADHERED RIGID ROOF INSULATION (MATCH THICKNESS OF EXISTING ADJACENT INSULATION)
EXISTING ROOF DECK

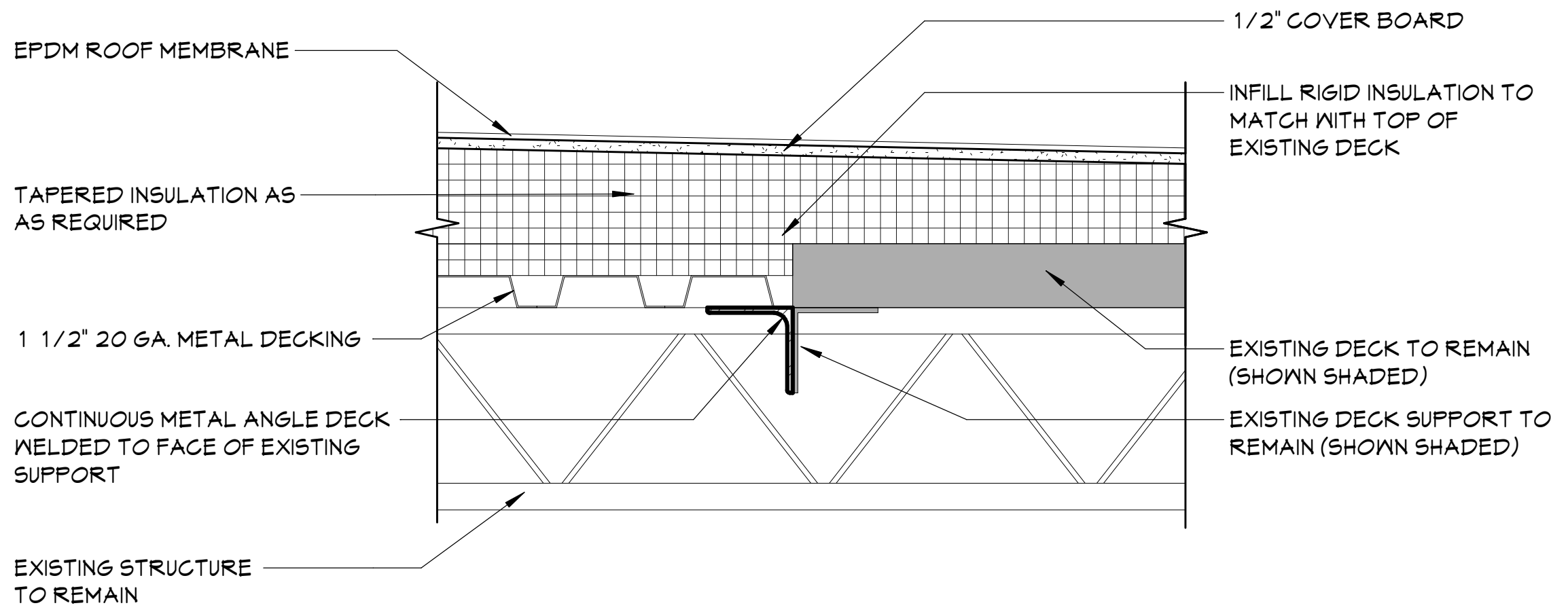
3 PIPE BOOT/ CURB DETAIL

A450 1 1/2" = 1'-0"


SELF-FLASHING MECHANICAL UNIT
CONTINUOUS SELF ADHERING COMPRESSIBLE FOAM GASKET
PRE-FABRICATED INSULATED CURB
ROOF SYSTEM CONTINUOUS SECUREMENT STRIP
PRESSURE TREATED WOOD BLOCKING
3/8" COUNTER SUNK BOLTS AT 24" OC
STEEL DECK CLOSURE, CONTINUOUS
CONT. TERMINATION BAR W/ FASTENERS @ 6" Oc
ROOF SYSTEM MEMBRANE FLASHING TURNED UP AND ADHERED TO FACE OF CURB
18" MIN. ABOVE ROFF SURFACE
REPLACE 12" MINIMUM
SEAM SPLICE TAPE
EDGE SEALANT
EXISTING DECKING
DECK SUPPORT FRAME. COORDINATE WITH STRUCTURAL DRAWINGS

2 EQUIPMENT CURB DETAIL

A450 1 1/2" = 1'-0"


EPDM ROOF MEMBRANE
TAPERED INSULATION AS AS REQUIRED
1 1/2" 20 GA. METAL DECKING
CONTINUOUS METAL ANGLE DECK WELDED TO FACE OF EXISTING SUPPORT
EXISTING STRUCTURE TO REMAIN
1/2" COVER BOARD
INFILL RIGID INSULATION TO MATCH WITH TOP OF EXISTING DECK
EXISTING DECK TO REMAIN (SHOWN SHADED)
EXISTING DECK SUPPORT TO REMAIN (SHOWN SHADED)

1 ROOF INFILL DETAIL

A450 1 1/2" = 1'-0"

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Sheet Title

ROOF DETAILS

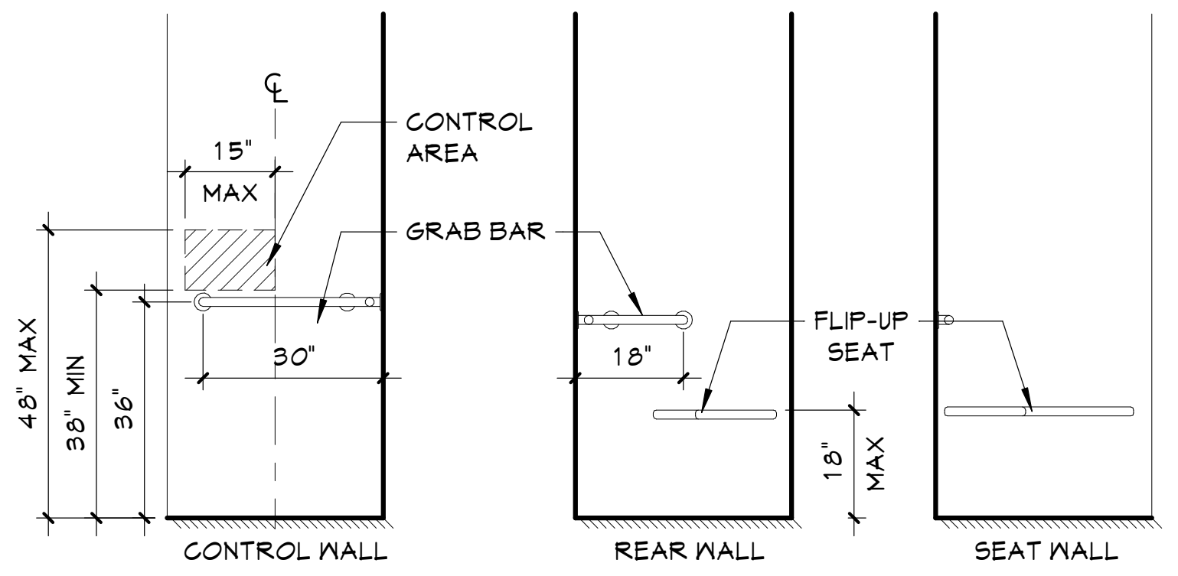
Sheet No.

WHS
A450

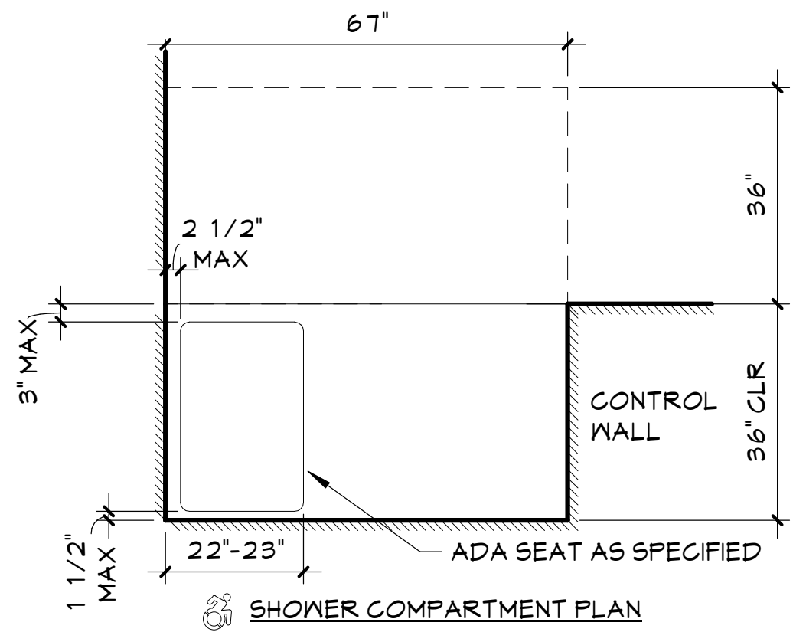
CONSTRUCTION DOCUMENTS

TOILET ROOM NOTES

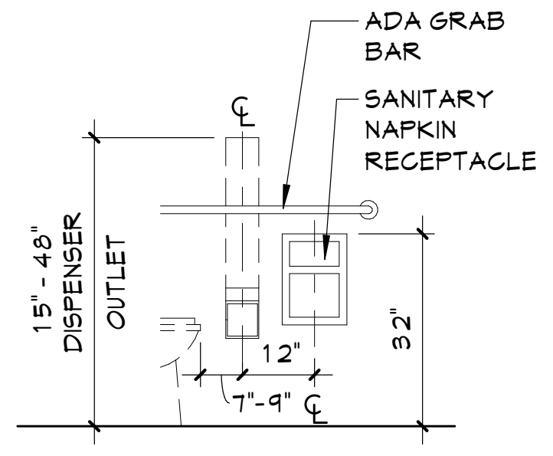
1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.



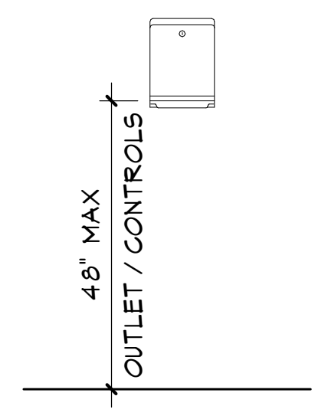
♿ SHOWER COMPARTMENT ELEVATIONS



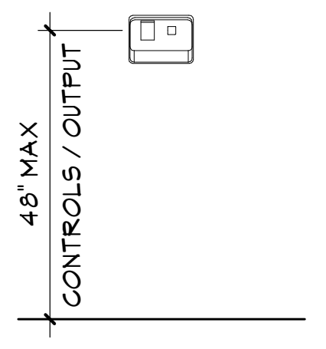
♿ SHOWER COMPARTMENT PLAN



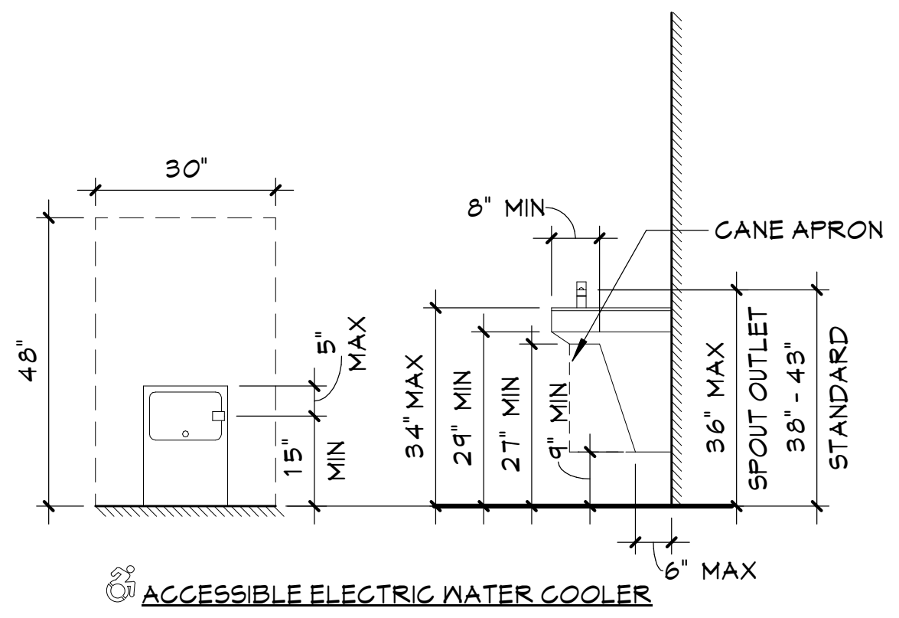
SANITARY NAPKIN RECEPTACLE



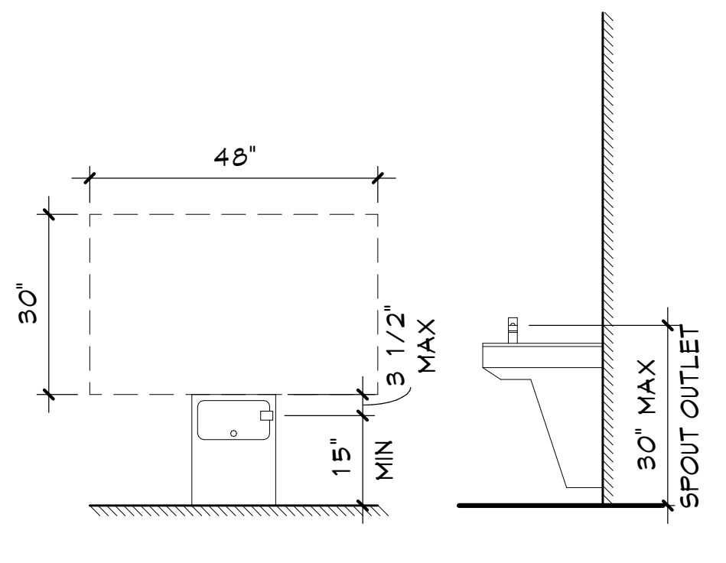
PAPER TOWEL DISPENSER



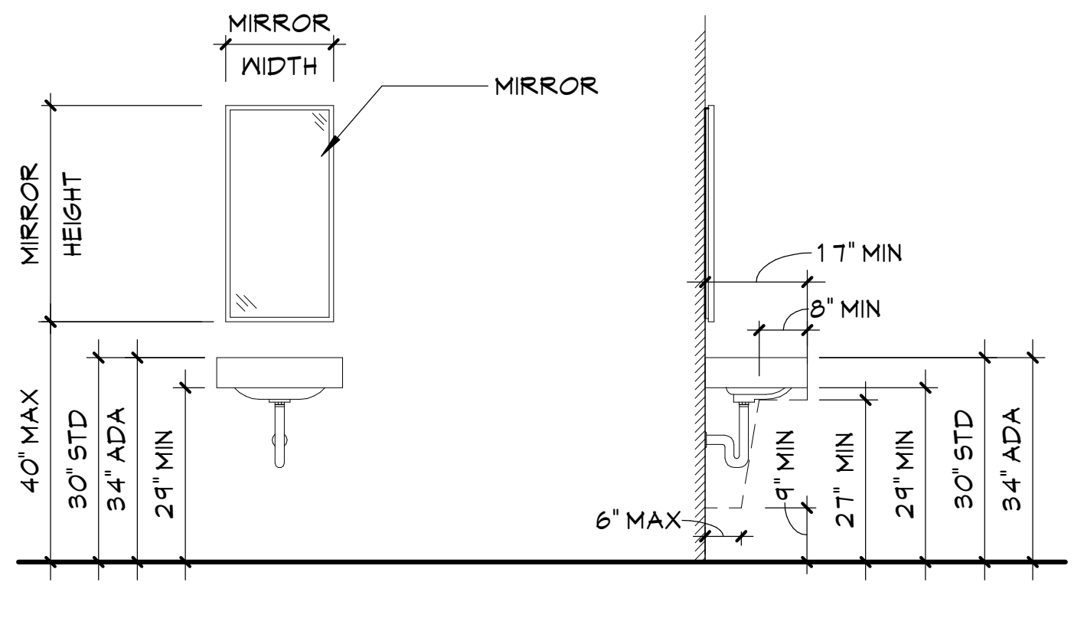
ELECTRIC HAND DRYER



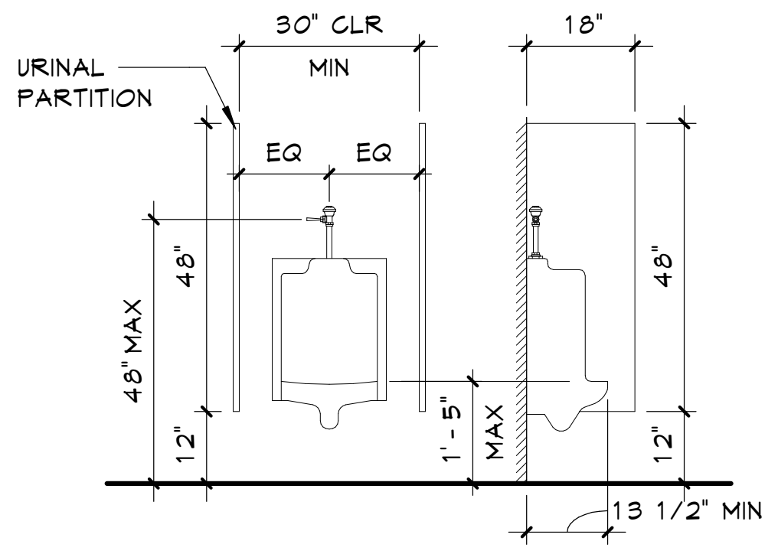
♿ ACCESSIBLE ELECTRIC WATER COOLER



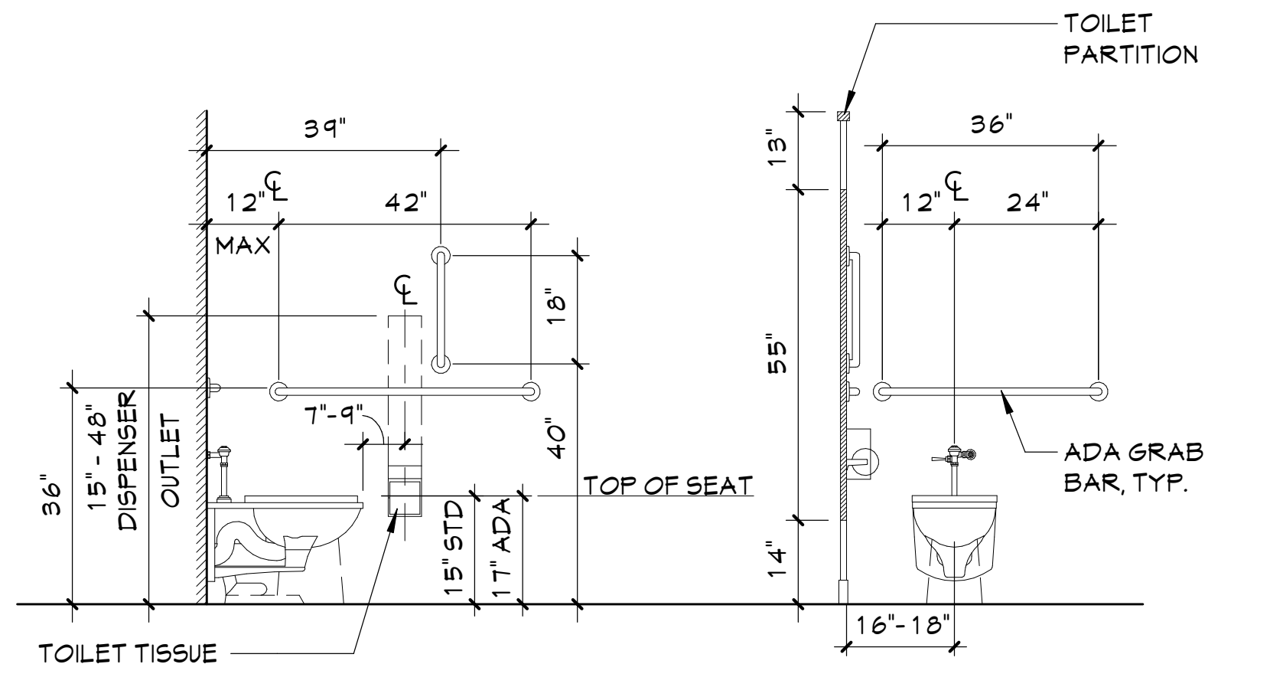
♿ ACCESSIBLE ELECTRIC WATER COOLER
CHILD HEIGHT WITH PARALLEL APPROACH



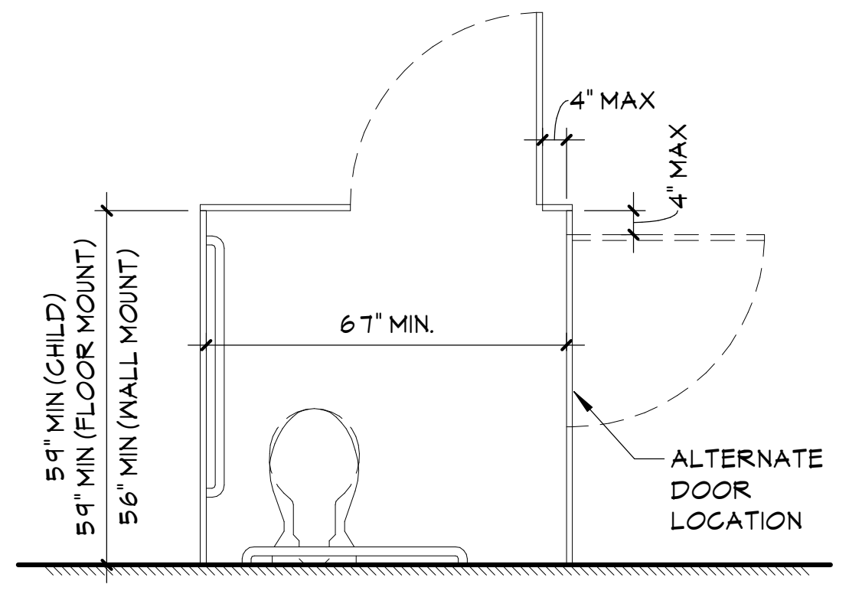
♿ ACCESSIBLE LAVATORY WITH MIRROR



♿ ACCESSIBLE URINAL



♿ WATER CLOSET
DIMENSIONS SHOWN FOR WALL OR
FLOOR MOUNTED WATERCLOSETS



♿ TOILET COMPARTMENT

1 TYPICAL PLUMBING FIXTURES

A601
3/8" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

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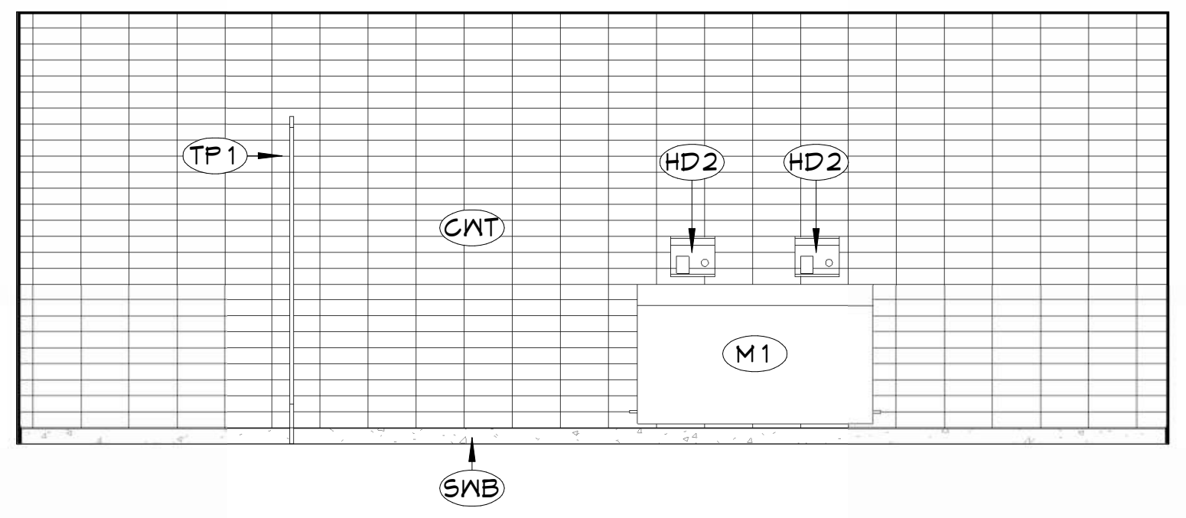
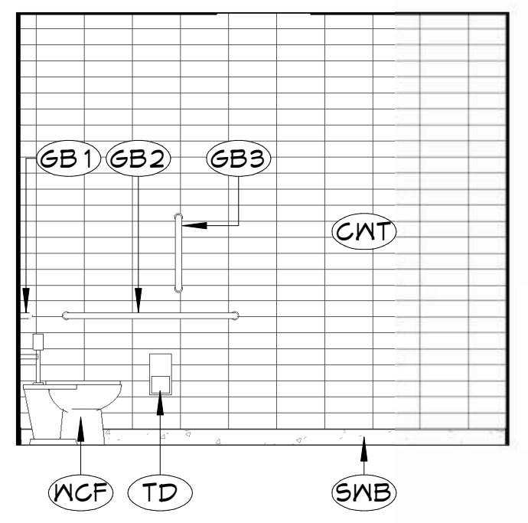
Sheet Title
TYPICAL EQUIPMENT PLANS, ELEVATIONS, AND DETAILS

Sheet No.
WHS
A601

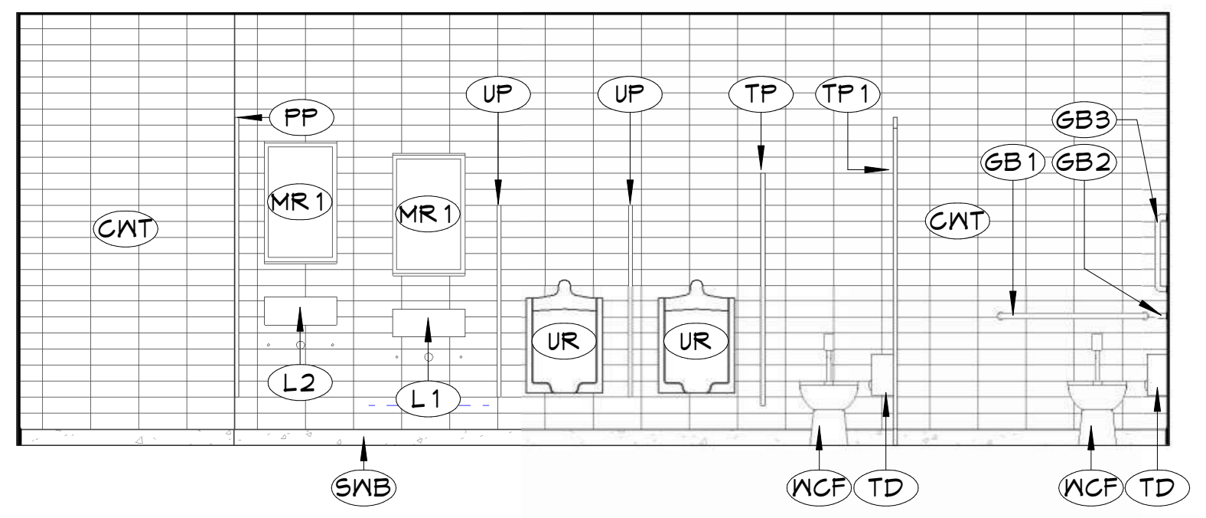
CONSTRUCTION DOCUMENTS



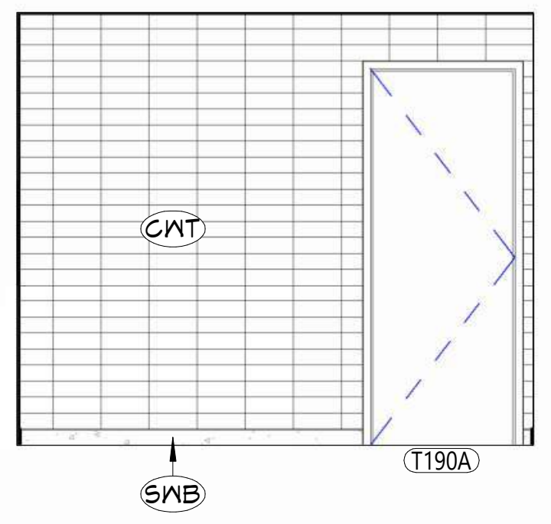
11 BOYS TOILET T190A - WEST INT. ELEV.
A611
1/4" = 1'-0"



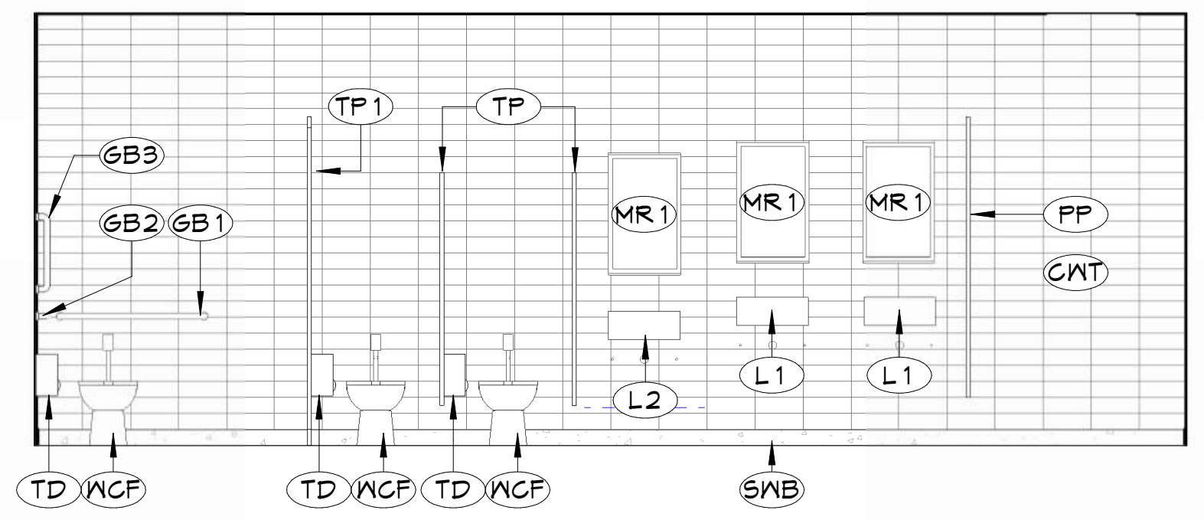
10 BOYS TOILET T190A - SOUTH INT. ELEV.
A611
1/4" = 1'-0"



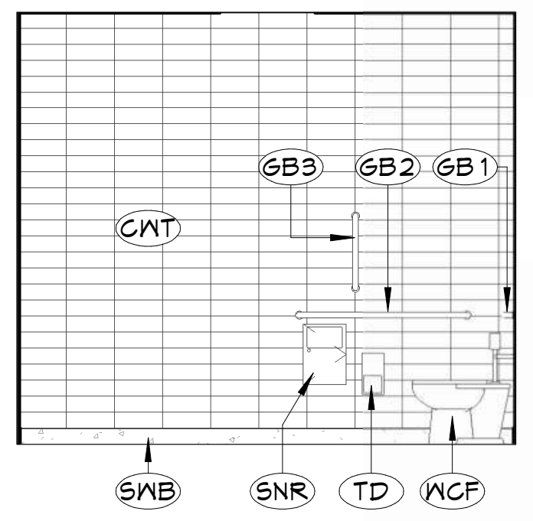
9 BOYS TOILET T190A - EAST INT. ELEV.
A611
1/4" = 1'-0"



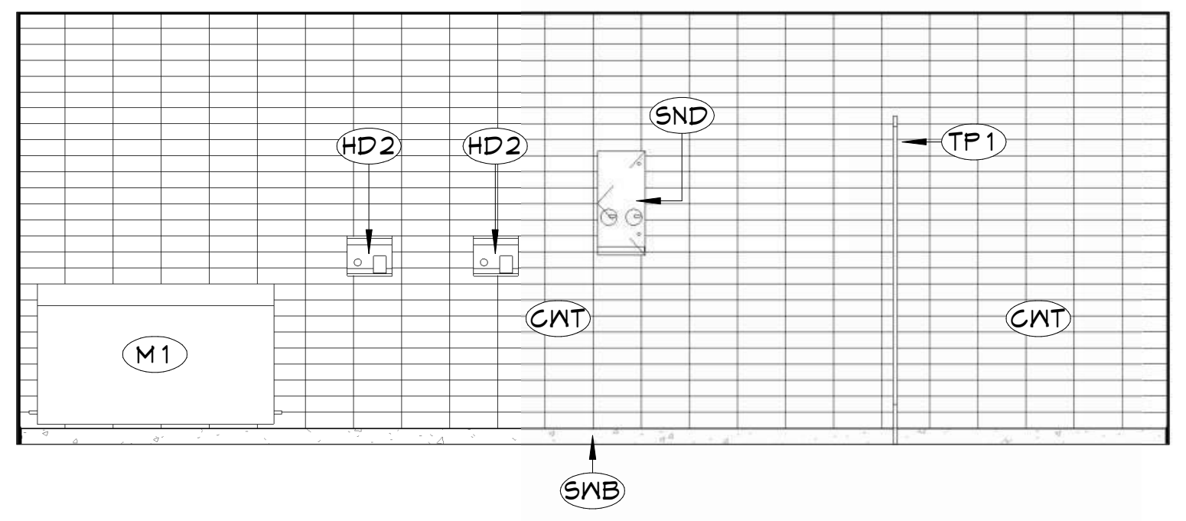
8 BOYS TOILET T190A - NORTH INT. ELEV.
A611
1/4" = 1'-0"



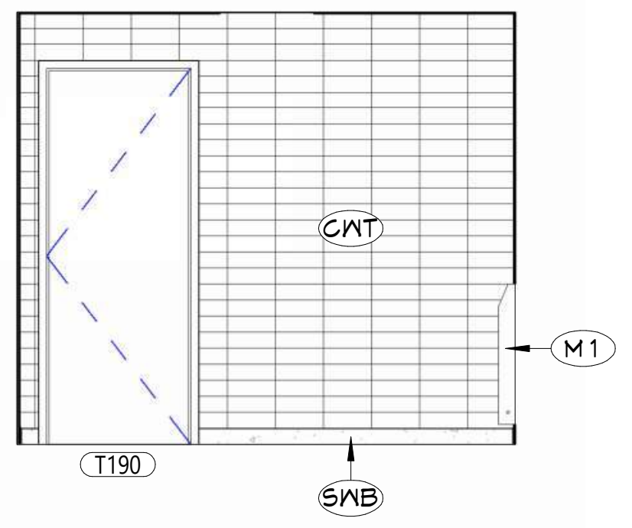
7 GIRLS TOILET T190 - WEST INT. ELEV.
A611
1/4" = 1'-0"



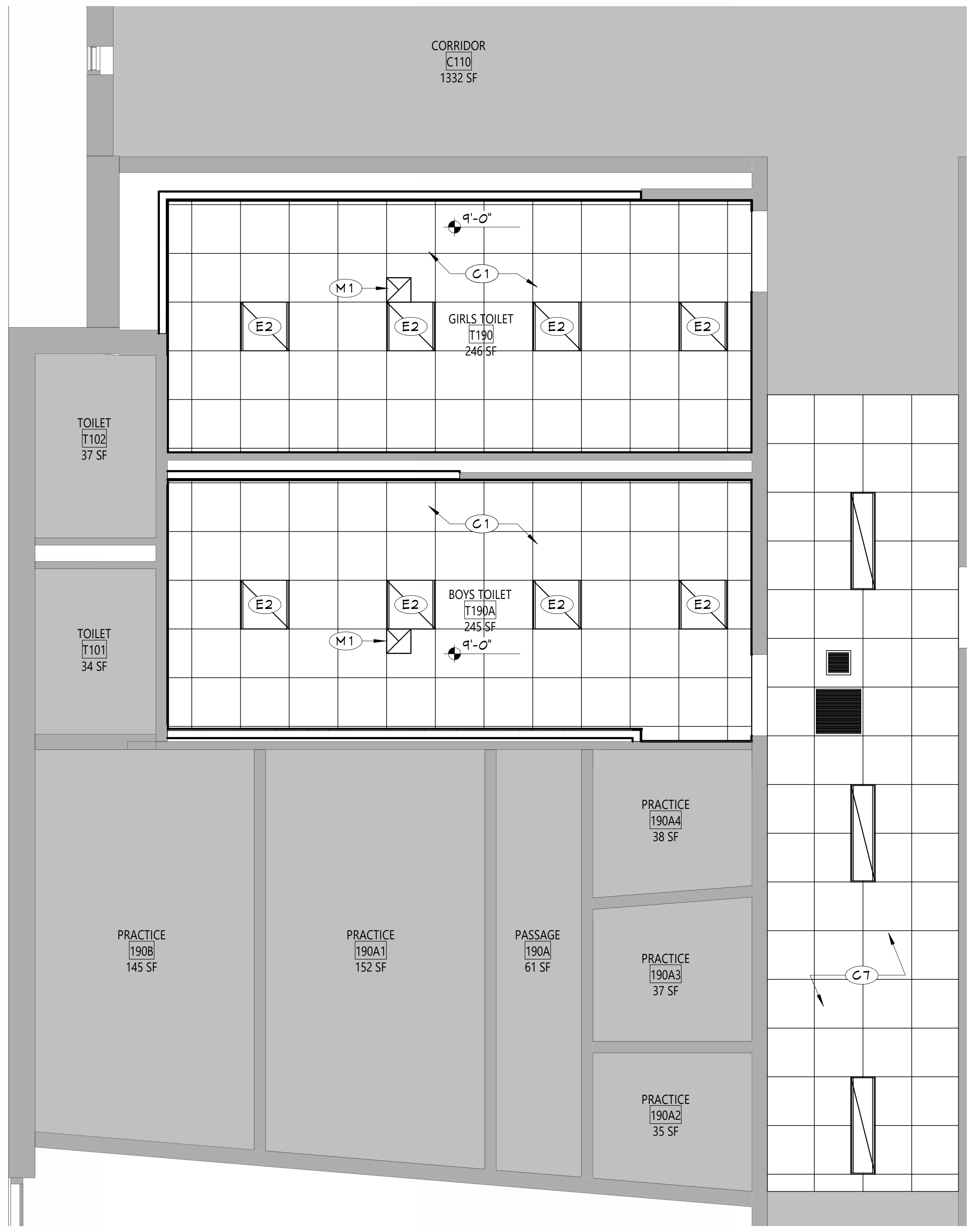
6 GIRLS TOILET T190 - SOUTH INT. ELEV.
A611
1/4" = 1'-0"



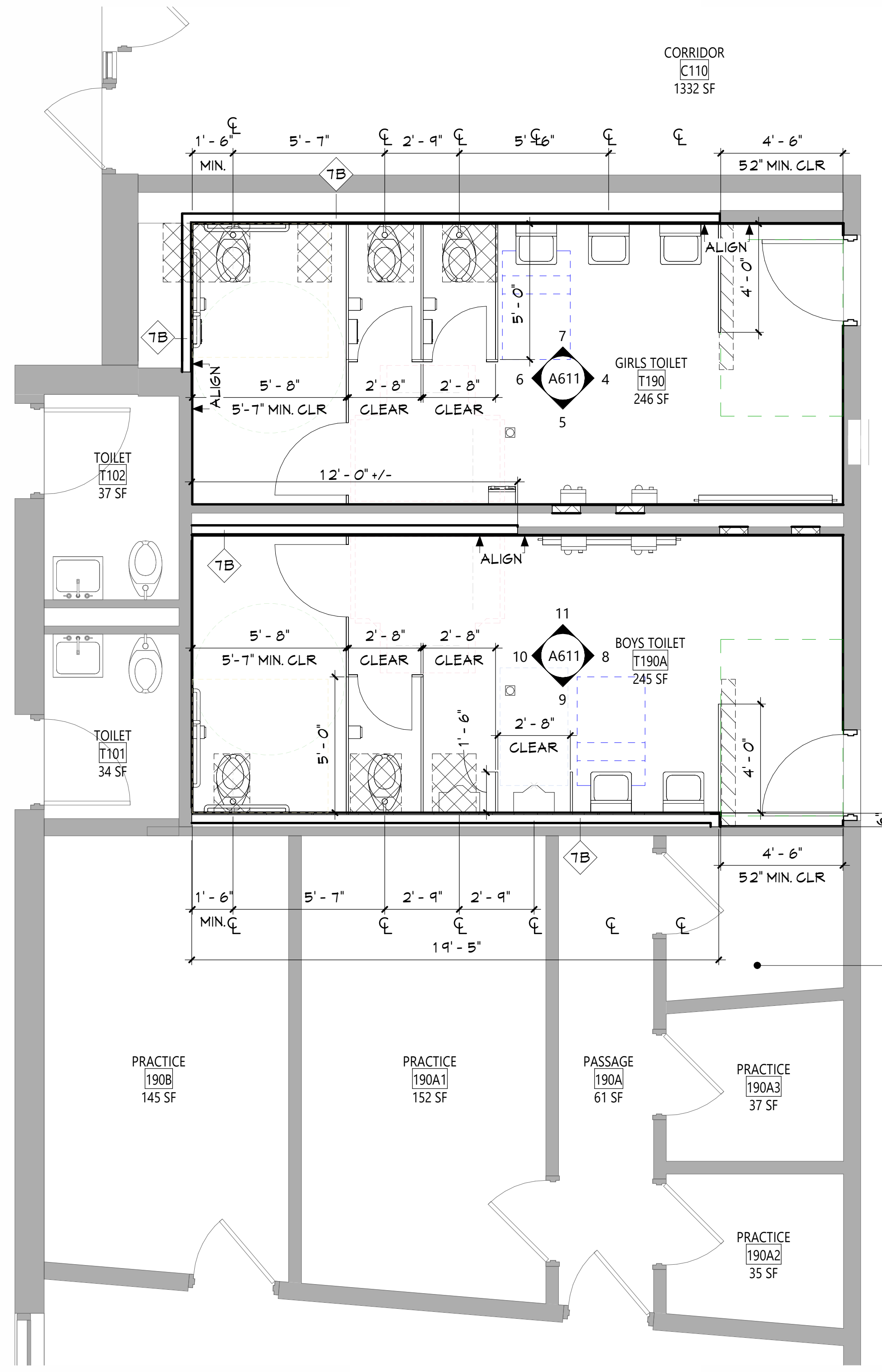
5 GIRLS TOILET T190 - EAST INT. ELEV.
A611
1/4" = 1'-0"



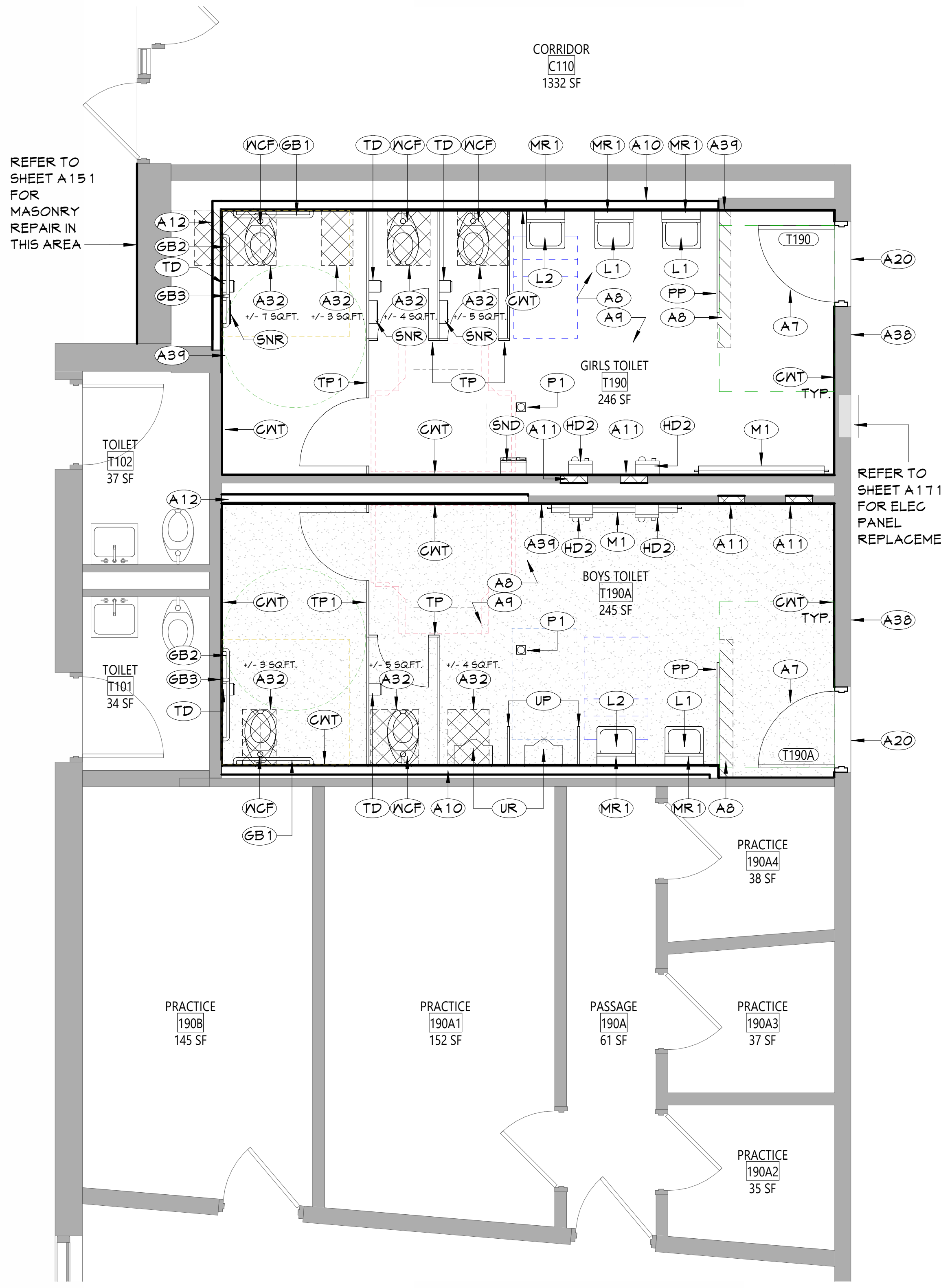
4 GIRLS TOILET T190 - NORTH INT. ELEV.
A611
1/4" = 1'-0"



3 TOILET ROOMS 190 & 190A - NEW WORK RCP
A611
1/4" = 1'-0"



2 TOILET ROOMS T190 & T190A - DIMENSION PLAN
A611
1/4" = 1'-0"



1 TOILET ROOMS T190 & T190A - NEW WORK PLAN
A611
1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
▦	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
■	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
□	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A7	PROVIDE NEW DOOR AND HARDWARE. FRAME TO REMAIN.
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A10	PROVIDE NEW CHASE WALL. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A11	PROVIDE WALL PATCHING, PRIME, AND PAINT AT LOCATION OF REMOVED ACCESSORY AND/OR PLUMBING FIXTURE TO MATCH ADJACENT EXISTING CONSTRUCTION AND FINISH.
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A32	AT AREA OF REMOVED PLUMBING FIXTURE, PROVIDE PATCHING OF CONCRETE SLAB WITH NEW 4,000 PSI CONCRETE TO MATCH EXISTING ADJACENT PRIOR TO EPOXY FLOORING APPLICATION. COORDINATE WITH PLUMBING DRAWINGS.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
A39	PROVIDE WALL PATCHING, PRIME, AND PAINT AT THE LOCATION OF EXISTING WALL FINISH AND NEW PARTITION FINISH CONNECTION. ALIGN NEW PARTITION FINISH TO BE FLUSH WITH EXISTING WALL FINISH.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C7	REINSTALL EXISTING ACOUSTICAL PANEL CEILING TILES WHERE PREVIOUSLY REMOVED.
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
PP	PRIVACY PARTITION AS SPECIFIED, MATCH TOILET PARTITIONS
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SNR	SANITARY NAPKIN WASTE RECEPTACLE (OWNER FURNISHED, CONTRACTOR INSTALLED)
SWB	SCHEDULED WALL BASE
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
TP	TOILET PARTITION AS SPECIFIED
TP1	ADA TOILET PARTITION AS SPECIFIED
UP	URINAL PARTITION AS SPECIFIED, MATCH TOILET PARTITIONS
UR	URINAL, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

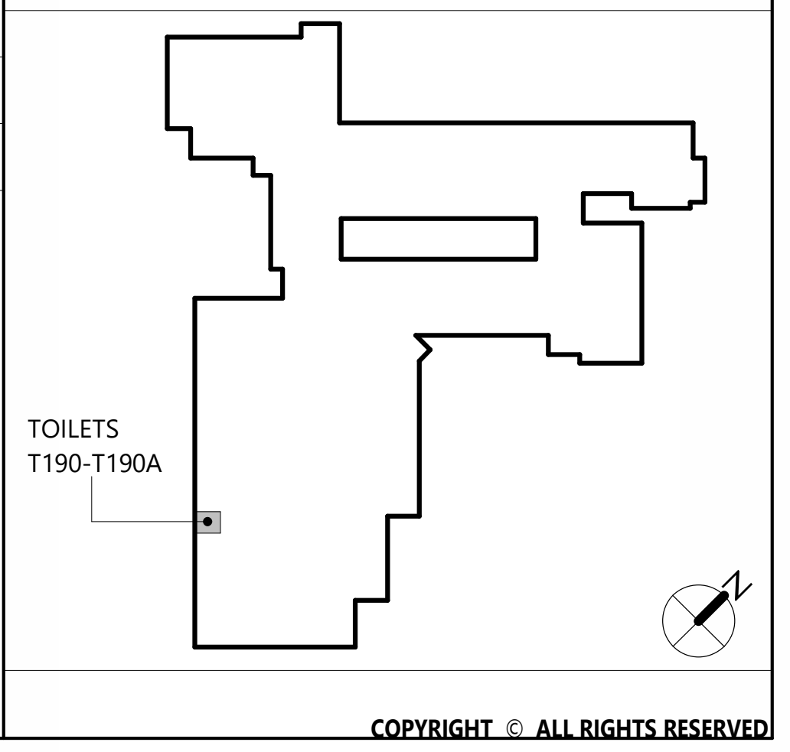
NEW WORK LEGEND

▨	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▧	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
▨	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

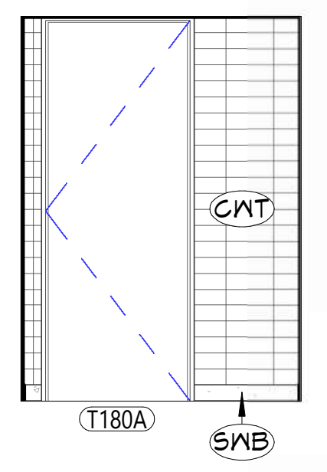
#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

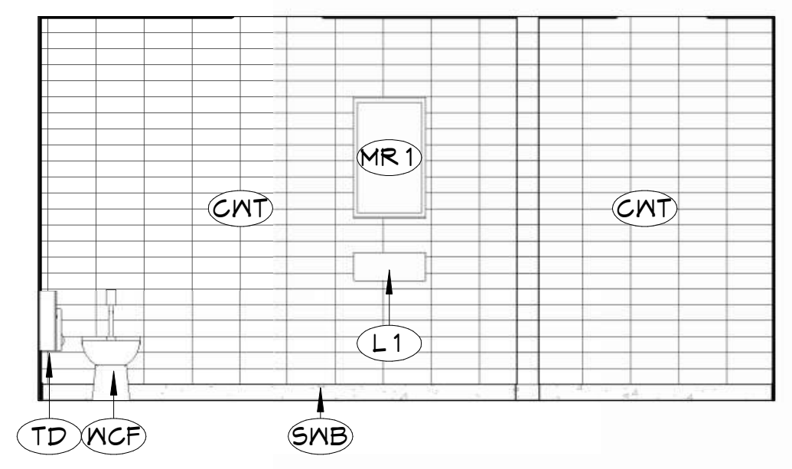
Sheet Title
TOILET ROOMS - NEW WORK PLANS

Sheet No.
WHS A611

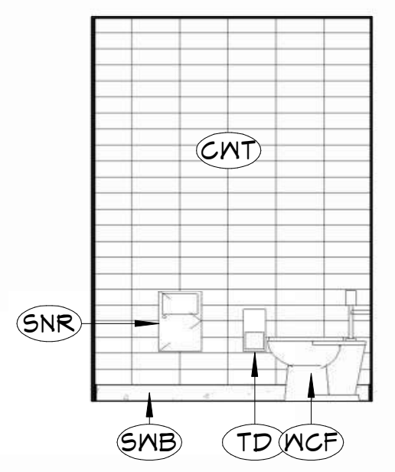
CONSTRUCTION DOCUMENTS



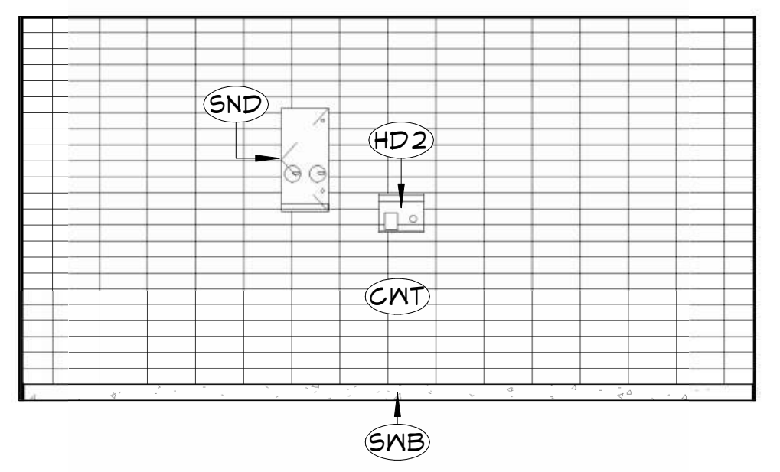
11 TOILET T180A - WEST INT. ELEV.
A612 1/4" = 1'-0"



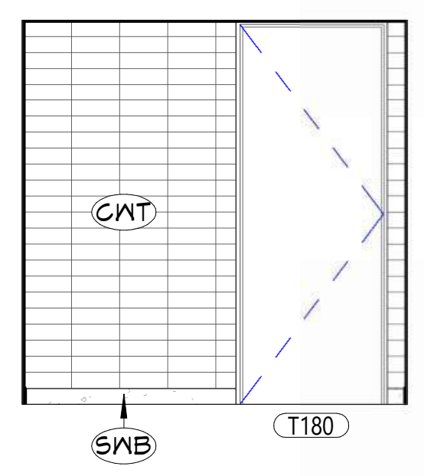
10 TOILET T180A - SOUTH INT. ELEV.
A612 1/4" = 1'-0"



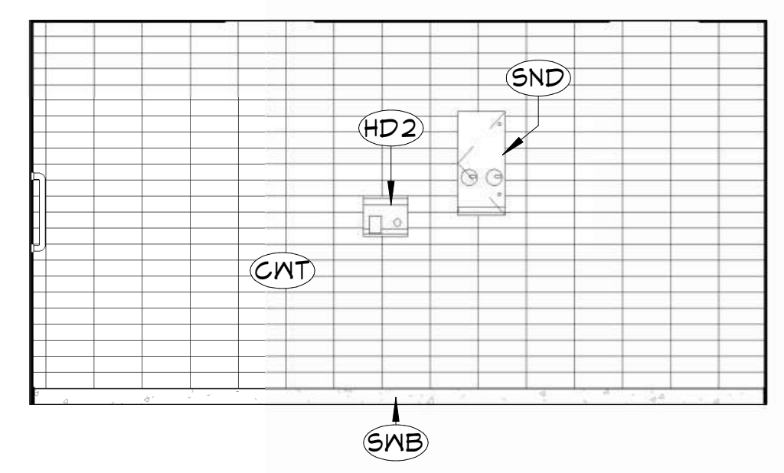
9 TOILET T180A - EAST INT. ELEV.
A612 1/4" = 1'-0"



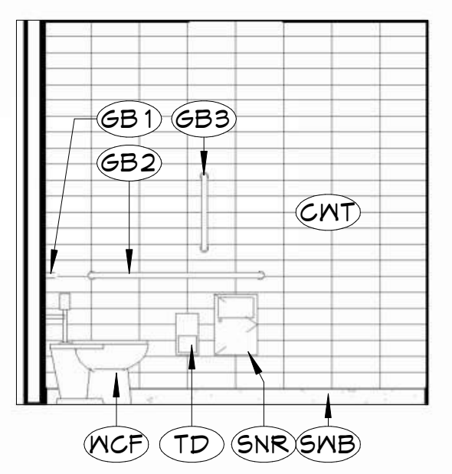
8 TOILET T180A - NORTH INT. ELEV.
A612 1/4" = 1'-0"



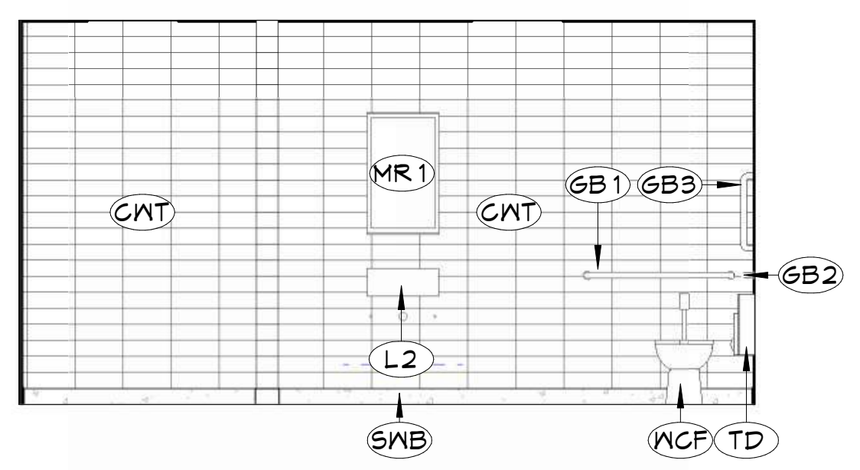
7 TOILET T180 - WEST INT. ELEV.
A612 1/4" = 1'-0"



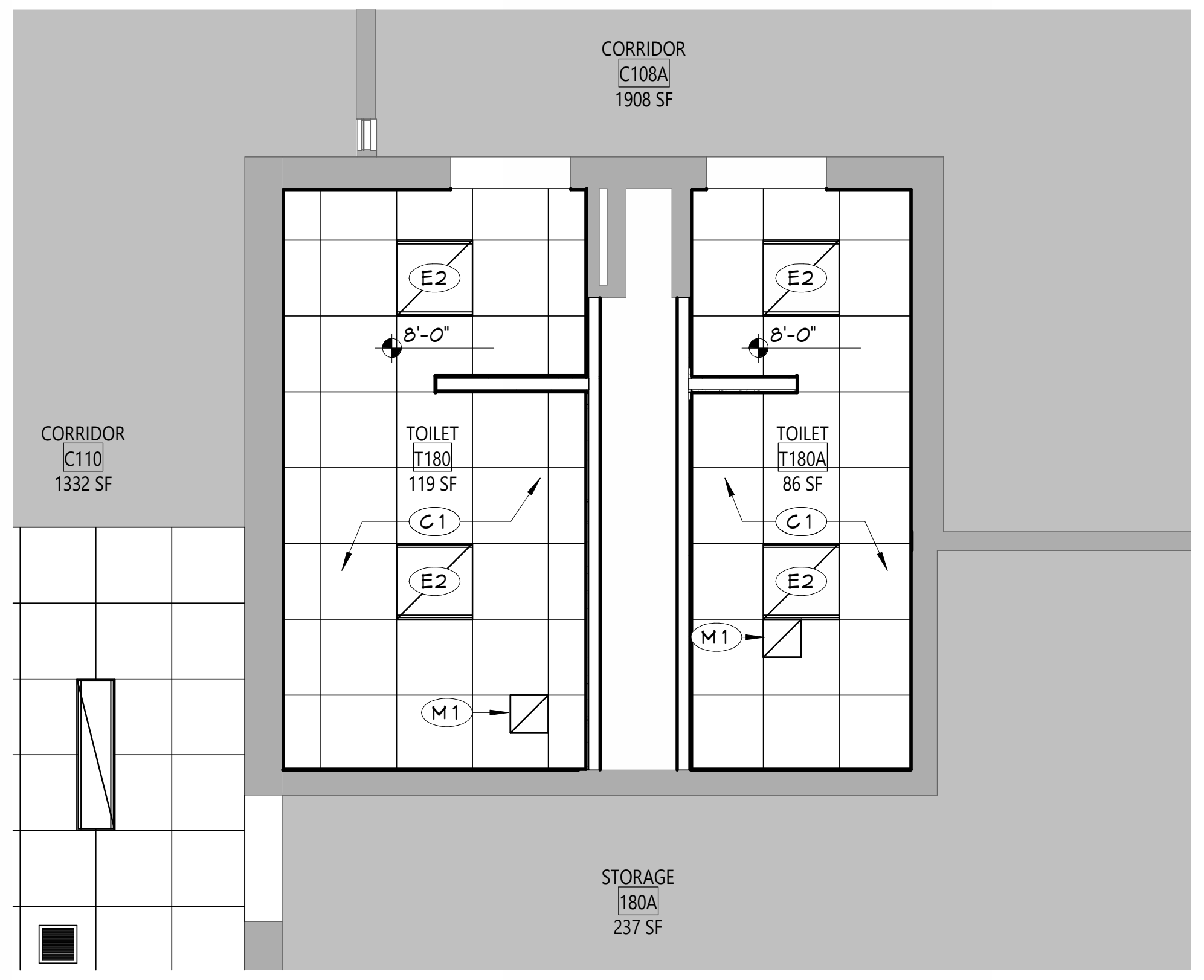
6 TOILET T180 - SOUTH INT. ELEV.
A612 1/4" = 1'-0"



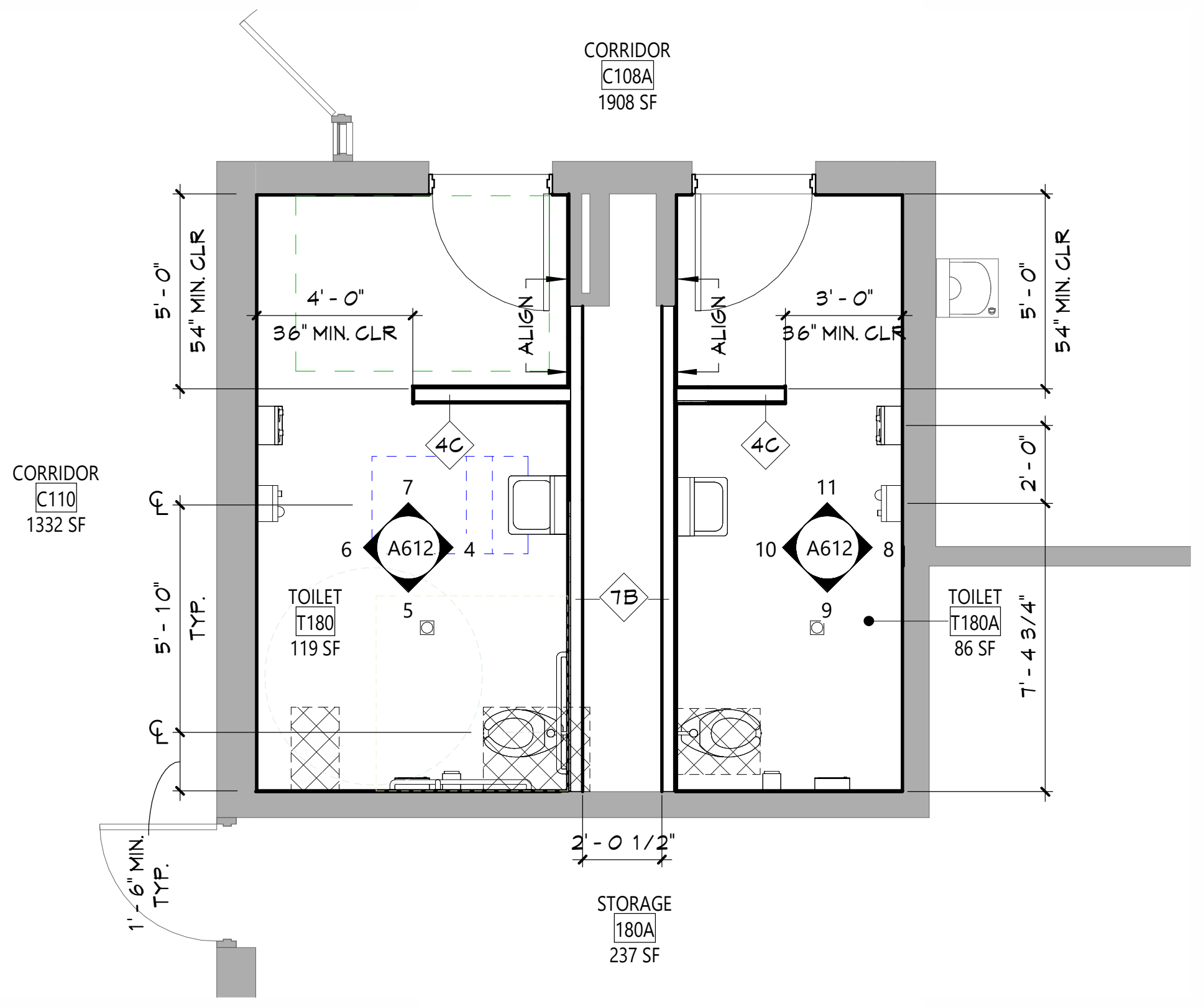
5 TOILET T180 - EAST INT. ELEV.
A612 1/4" = 1'-0"



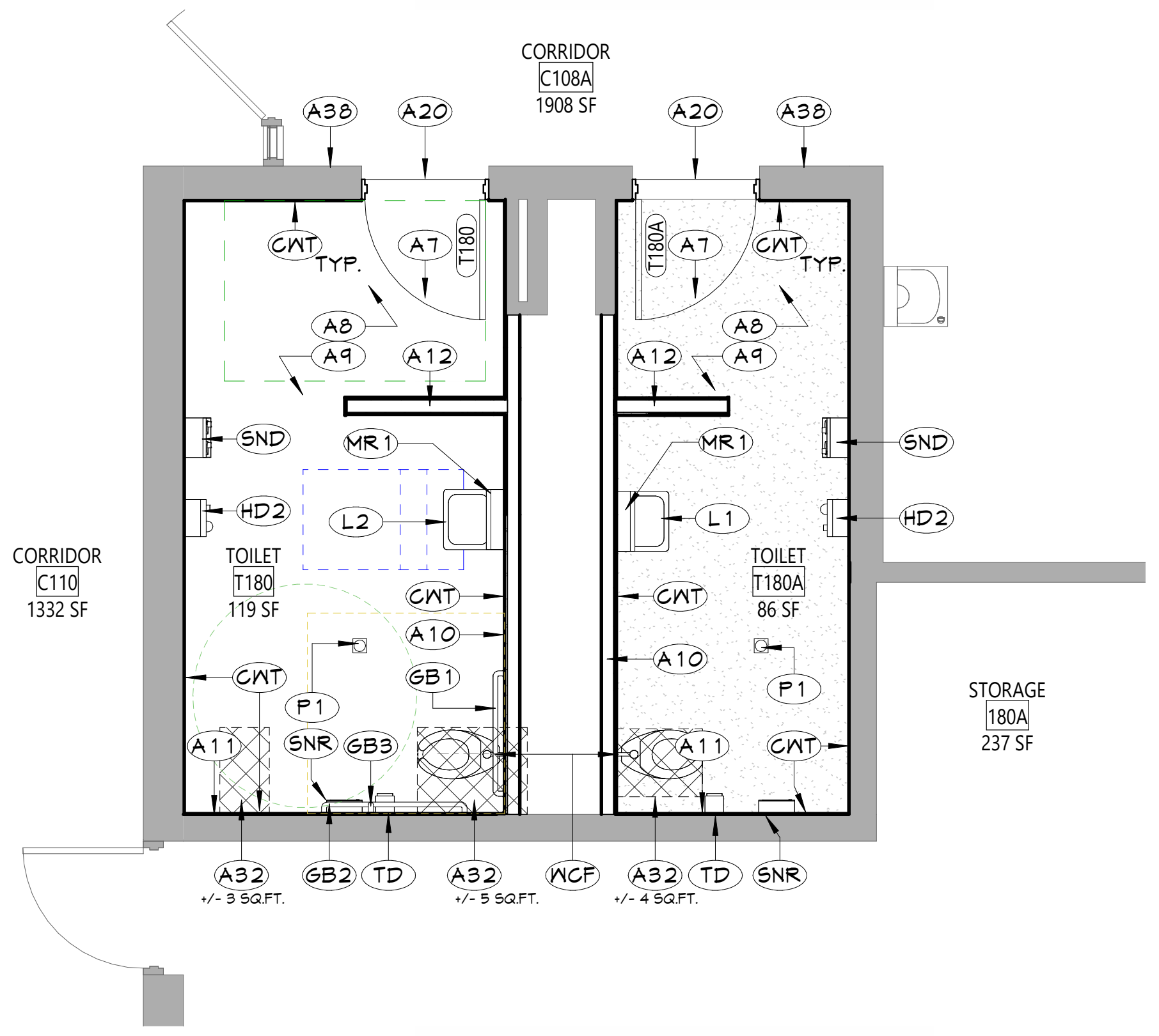
4 TOILET T180 - NORTH INT. ELEV.
A612 1/4" = 1'-0"



3 TOILET ROOMS 180 & 180A - NEW WORK RCP
A612 1/4" = 1'-0"



2 TOILET ROOMS T180 & T180A - DIMENSION PLAN
A612 1/4" = 1'-0"



1 TOILET ROOMS T180 & T180A - NEW WORK PLAN
A612 1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

░	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
▦	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
▩	EXISTING CEILING TO REMAIN
▩	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
▢	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A7	PROVIDE NEW DOOR AND HARDWARE. FRAME TO REMAIN.
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A10	PROVIDE NEW CHASE WALL. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A11	PROVIDE WALL PATCHING, PRIME, AND PAINT AT LOCATION OF REMOVED ACCESSORY AND/OR PLUMBING FIXTURE TO MATCH ADJACENT EXISTING CONSTRUCTION AND FINISH.
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A32	AT AREA OF REMOVED PLUMBING FIXTURE, PROVIDE PATCHING OF CONCRETE SLAB WITH NEW 4,000 PSI CONCRETE TO MATCH EXISTING ADJACENT PRIOR TO EPOXY FLOORING APPLICATION. COORDINATE WITH PLUMBING DRAWINGS.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SNR	SANITARY NAPKIN WASTE RECEPTACLE (OWNER FURNISHED, CONTRACTOR INSTALLED)
SWB	SCHEDULED WALL BASE
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

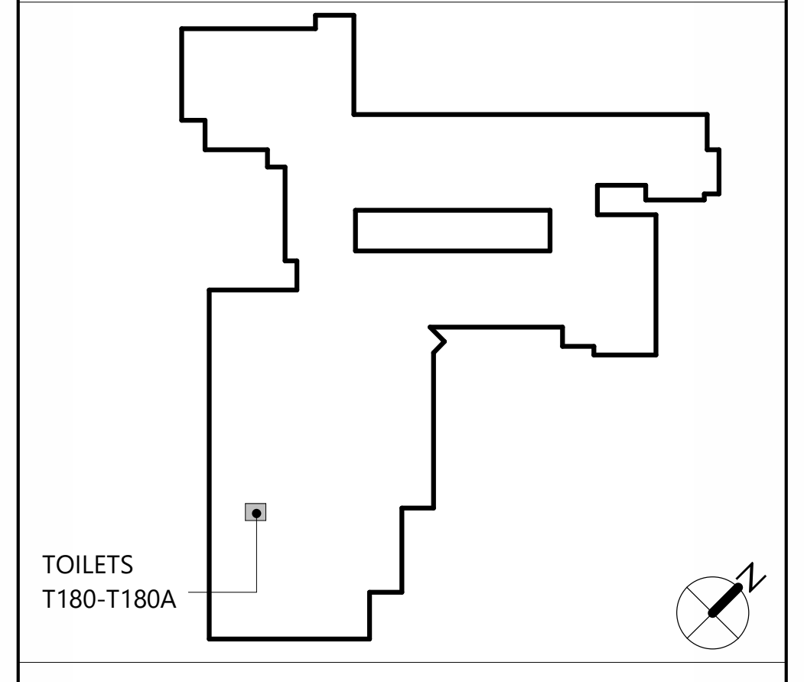
NEW WORK LEGEND

░	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
░	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

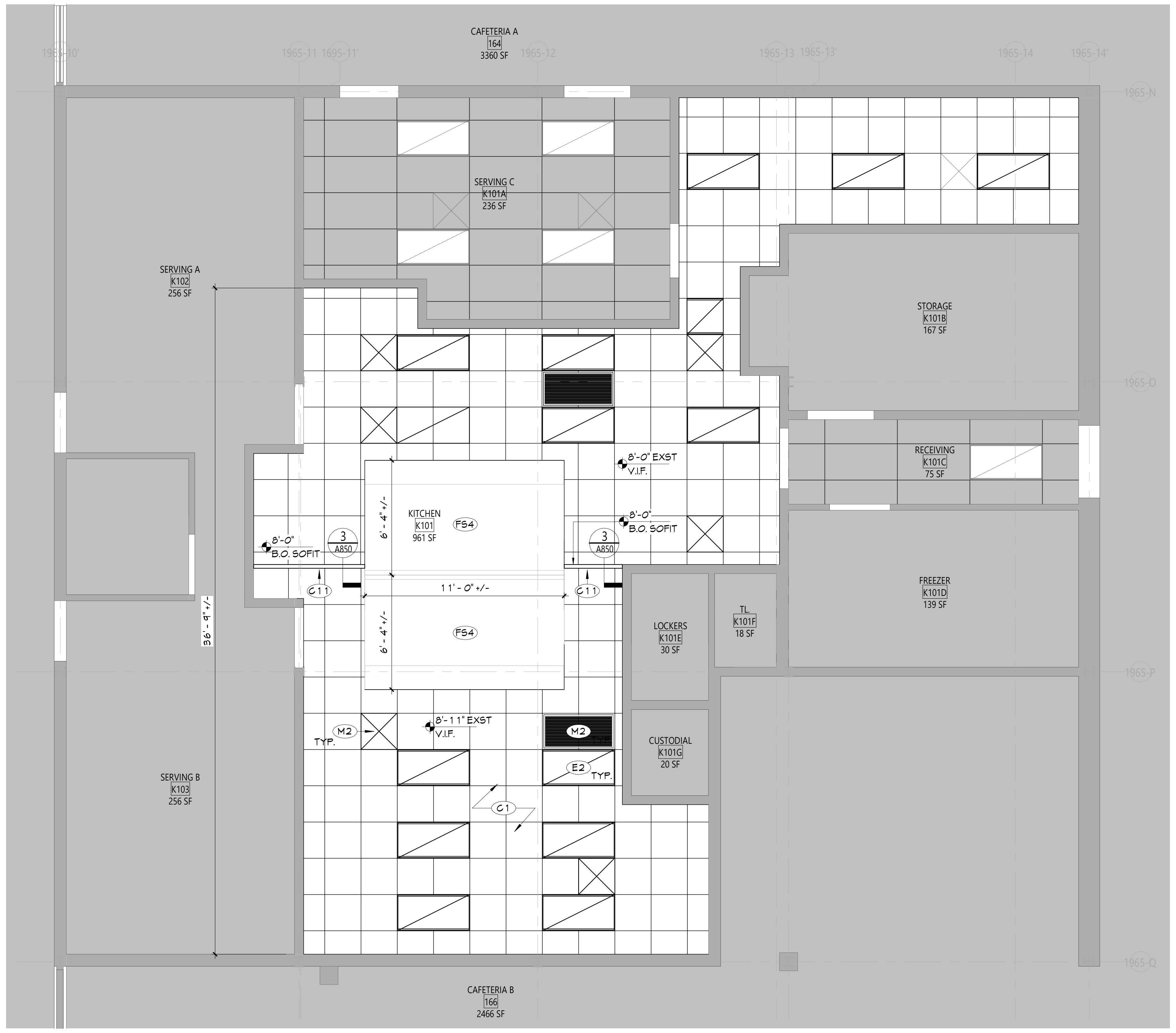
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
TOILET ROOMS - NEW WORK PLANS

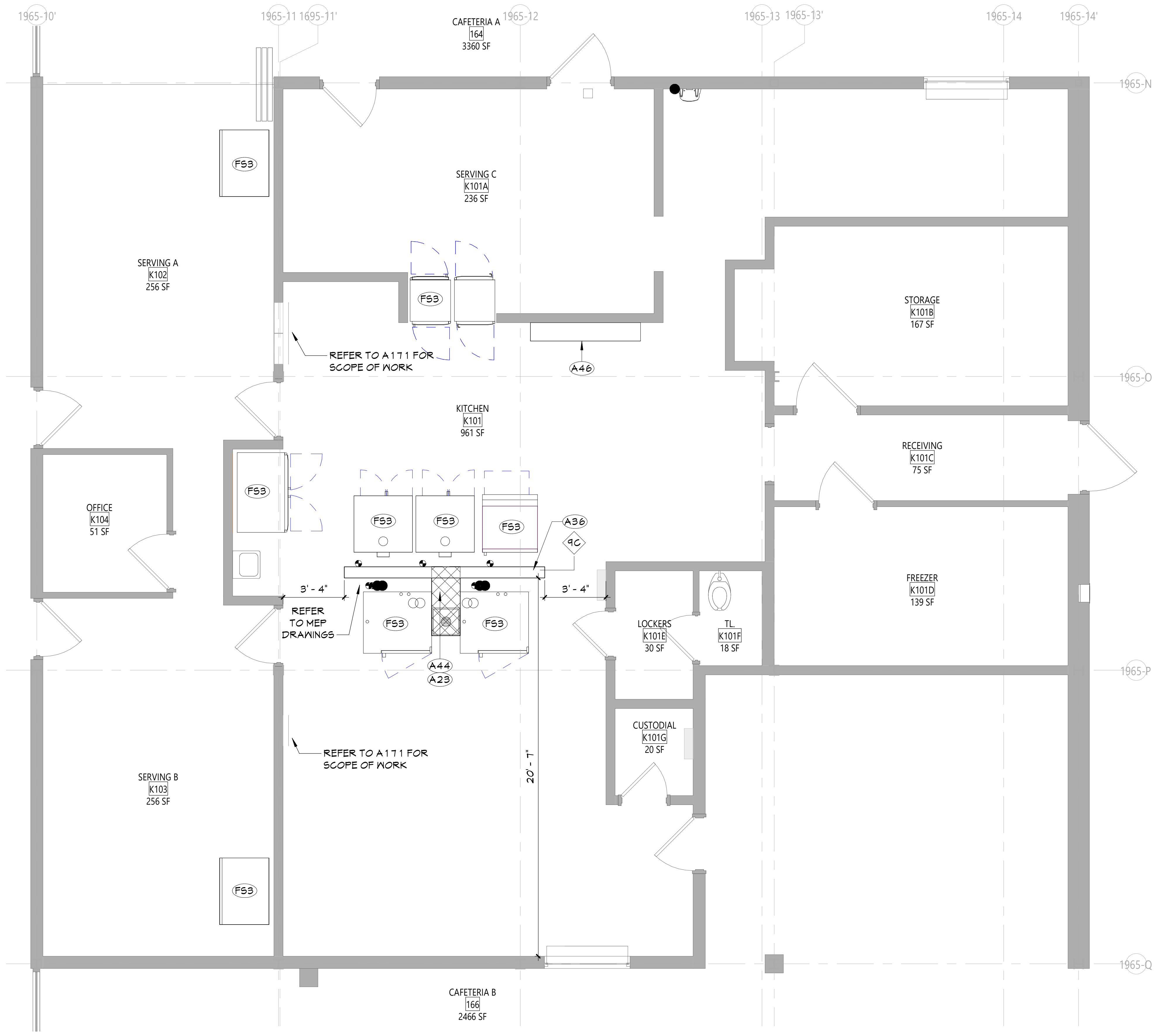
Sheet No.
WHS A612

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 KITCHEN - NEW WORK RCP
A613
1/4" = 1'-0"



1 KITCHEN - NEW WORK PLAN
A613
1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

- GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR
- EXISTING CEILING TO REMAIN
- EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- OS CEILING MOUNTED OCCUPANCY SENSOR
- S CEILING MOUNTED SMOKE DETECTOR
- H CEILING MOUNTED HEAT DETECTOR
- S CEILING MOUNTED PA SPEAKER
- J CEILING MOUNTED SECURITY J-BOX
- MS CEILING MOUNTED MOTION SENSOR
- ▽ CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

- 4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- ☒ HVAC SUPPLY GRILLE
- ⧄ HVAC RETURN GRILLE

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
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6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
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17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

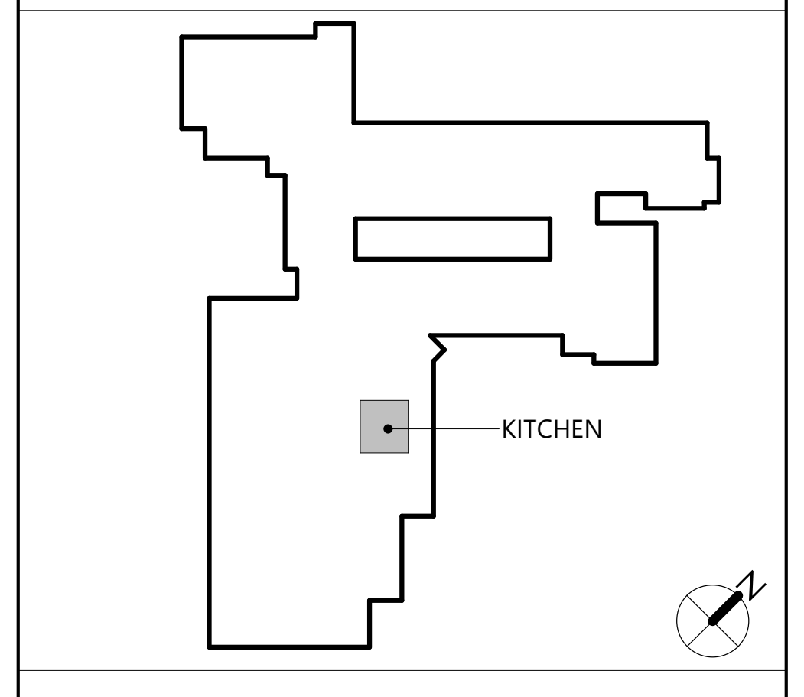
NEW WORK LEGEND

- NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
- ▨ NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
- ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
- NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
- ▦ NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

NEW WORK KEYNOTES

	Description
A23	PROVIDE NEW QUARRY TILE FLOORING SYSTEM AND SCHEDULED WALL BASE.REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A36	PROVIDE NEW PARTITION AT 4'-0" HIGH. SEE A701 FOR DETAILS.
A44	PROVIDE PATCHING OF CONCRETE SLAB AROUND NEW DRAINS WITH NEW 4,000 PSI CONCRETE PRIOR TO QUARRY TILE INSTALLATION. COORDINATE WITH PLUMBING DRAWINGS.
A46	PROVIDE NEW WALL MOUNTED POT RACK AS SPECIFIED.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C11	PROVIDE NEW SOFFIT AS DETAILED.
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
FS3	FOOD PREPARATION EQUIPMENT. COORDINATE WITH FOOD SERVICE DRAWINGS.
FS4	KITCHEN HOOD AND FIRE SUPPRESSION SYSTEM. COORDINATE WITH FOOD SERVICE DRAWINGS.
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

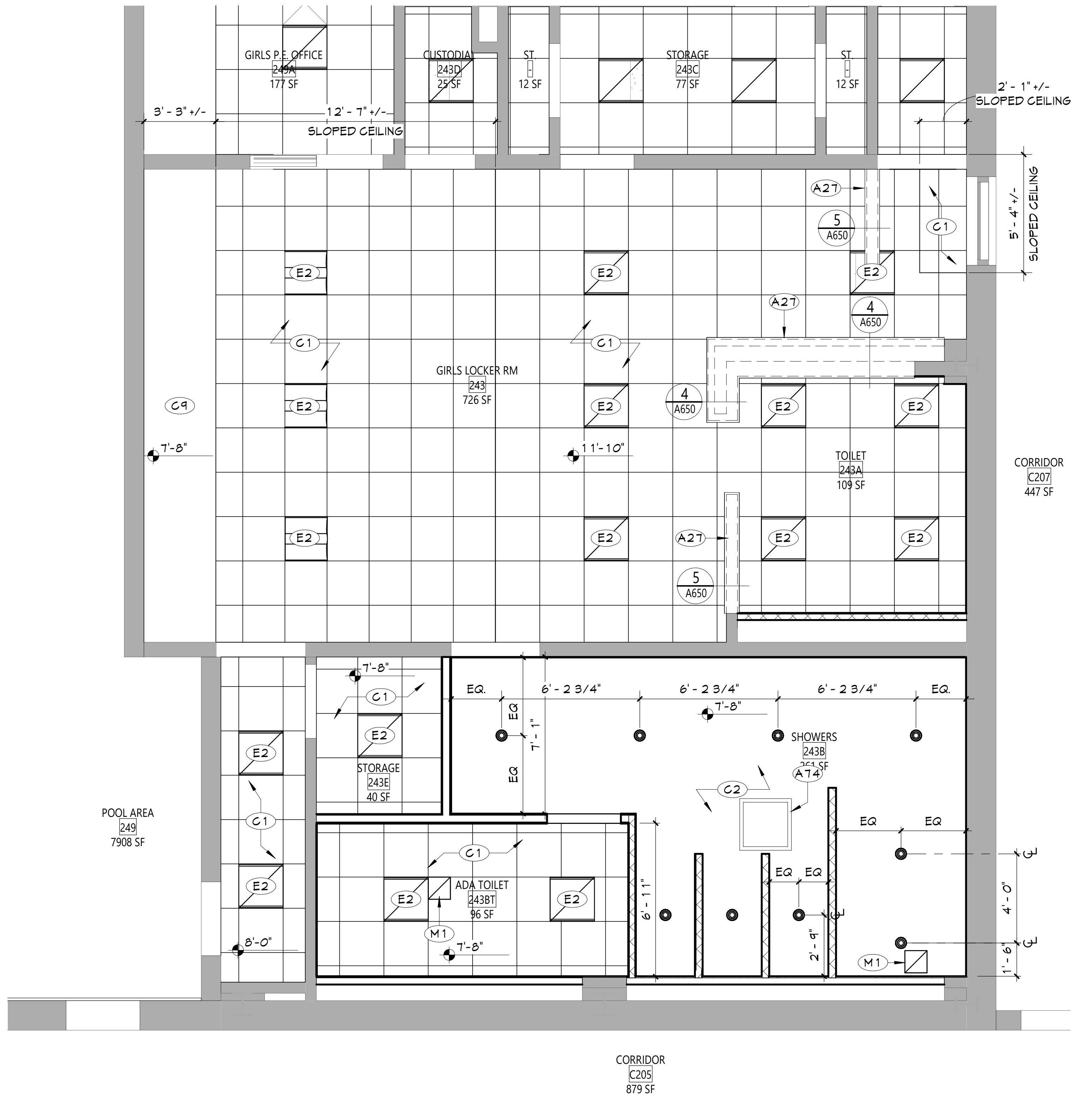
Drawn By: SI
Checked By: DM
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

Sheet Title
KITCHEN - NEW WORK PLANS

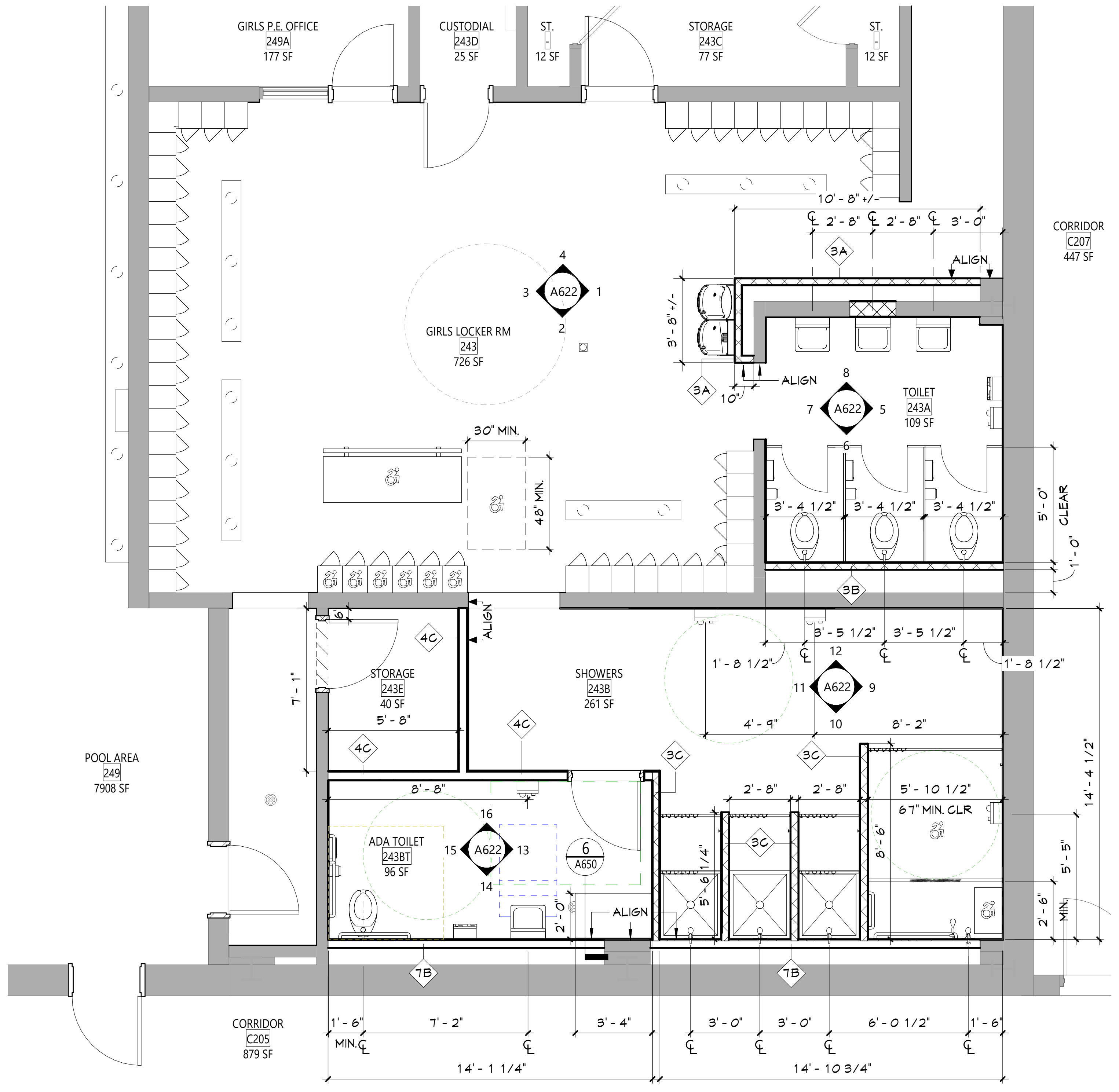
Sheet No.
WHS
A613

CONSTRUCTION DOCUMENTS

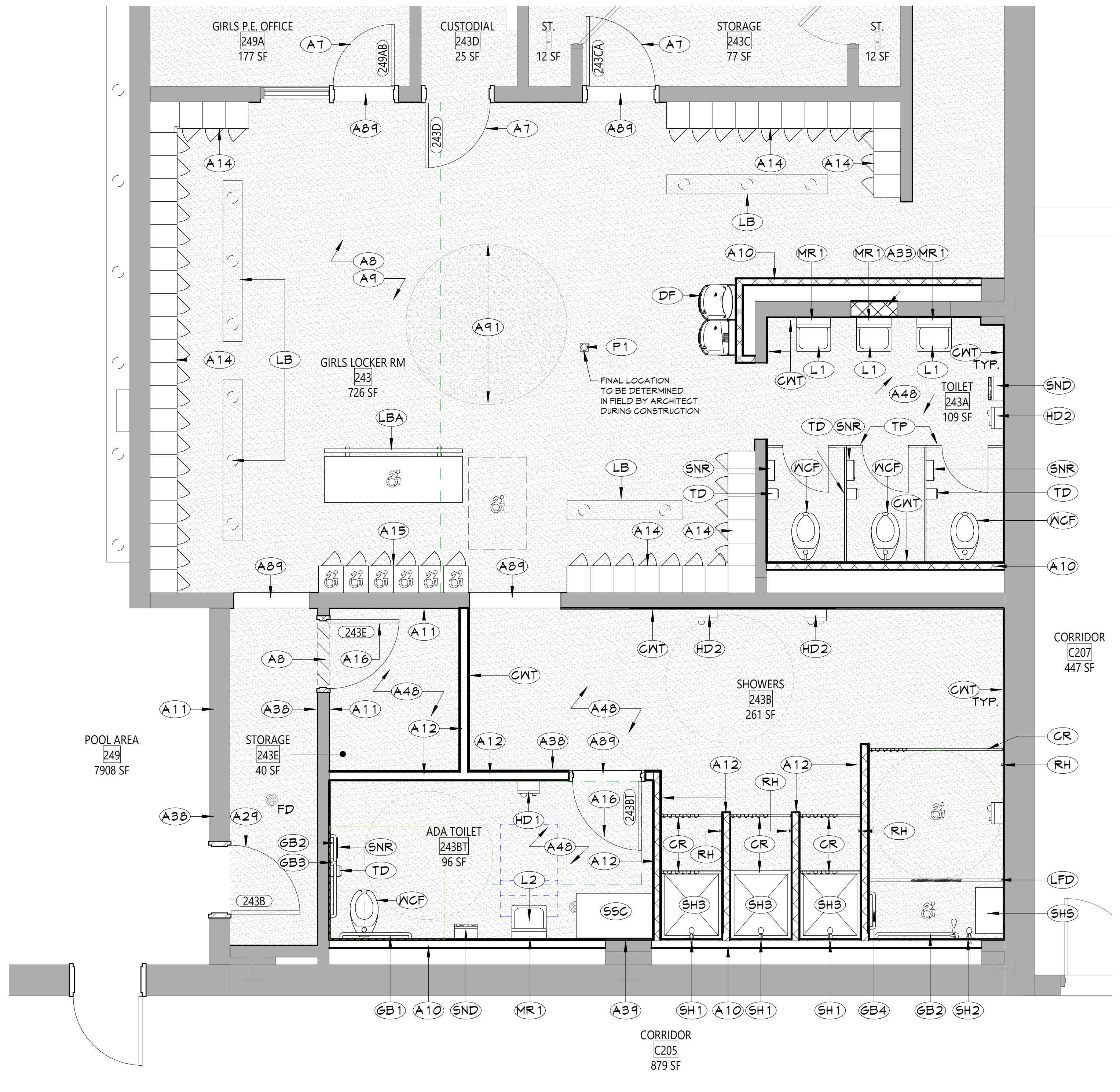
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 GIRLS POOL LOCKER ROOM 243 - NEW WORK RCP
A621 1/4" = 1'-0"



3 GIRLS POOL LOCKER ROOM - DIMENSION PLAN
A621 1/4" = 1'-0"



1 GIRLS POOL LOCKER ROOM 243 - NEW WORK PLAN
A621 1/4" = 1'-0"

NEW WORK KEYNOTES

	Description
A7	PROVIDE NEW DOOR AND HARDWARE. FRAME TO REMAIN.
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A10	PROVIDE NEW CHASE WALL. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A11	PROVIDE WALL PATCHING, PRIME, AND PAINT AT LOCATION OF REMOVED ACCESSORY AND/OR PLUMBING FIXTURE TO MATCH ADJACENT EXISTING CONSTRUCTION AND FINISH.
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A14	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE
A15	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE AND PROVIDE ADA SHELF ON BOTTOM LOCKERS AS PER MANUFACTURERS SPECIFICATIONS.
A16	PROVIDE NEW DOOR, HARDWARE, AND FRAME. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
A27	PROVIDE SOLID SURFACE CAP AT TOP OF WALL/PARTITION WITH 1" MINIMUM OVERHANG ON ALL SIDES.
A29	PROVIDE NEW DOOR, DOOR HARDWARE, AND DOOR FRAME IN EXISTING OPENING. REFER TO DOOR SCHEDULE.
A33	PROVIDE WALL PATCH TO MATCH EXISTING WALL CONSTRUCTION. COORDINATE WITH MEP DRAWINGS.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
A39	PROVIDE WALL PATCHING, PRIME, AND PAINT AT THE LOCATION OF EXISTING WALL FINISH AND NEW PARTITION FINISH CONNECTION. ALIGN NEW PARTITION FINISH TO BE FLUSH WITH EXISTING WALL FINISH.
A48	PROVIDE NEW CONCRETE SLAB IN SHOWER AND TOILETING AREA. COORDINATE WITH PLUMBING AND STRUCTURAL DRAWINGS.
A74	PROVIDE NEW STAINLESS STEEL CEILING ACCESS HATCH. COORDINATE FINAL SIZE AND LOCATION WITH MECHANICAL DRAWINGS.
A89	PROVIDE ADA COMPLIANT EPOXY THRESHOLD. SEE MANUFACTURERS SPECIFICATIONS.
A91	PROVIDE VINYL SCREEN-PRINTED GRAPHIC DECAL INLAID WITH FLUID-APPLIED FLOORING SYSTEM SEALER COATS. DECAL TO BE MATTE WHITE OPAQUE CONTROLTAC PRINT FILM 40C MANUFACTURERED BY 3M, OR SIMILAR PRODUCT. PROVIDE SCOTCHCAL MATTE OVERLAMINATE MANUFACTURED BY 3M OR SIMILAR PRODUCT. COORDINATE DECAL INSTALLATION WITH INSTALLATION OF FLUID-APPLIED FLOORING SYSTEM INSTALLATION. REFER TO AF DRAWINGS FOR DECAL LAYOUT AND SIZE.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C2	PROVIDE NEW PAINTED GYPSUM BOARD CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CEILING TYPES.
C9	PREP SURFACE, PRIME, AND PAINT EXISTING EXPOSED CONCRETE.
CR	CURTAIN ROD AS SPECIFIED
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
GB4	18" GRAB BAR AS SPECIFIED
HD1	NEW ELECTRICAL HAND DRYER IN NEW PARTITION AS SPECIFIED. COORDINATE WITH ELECTRICAL DRAWINGS.
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
LB	HDPE FLOOR MOUNTED LOCKER ROOM BENCH AS SPECIFIED
LBA	ADA HDPE FLOOR MOUNTED LOCKER ROOM BENCH WITH REQUIRED CLEARANCE AS SPECIFIED
LFD	LINEAR FLOOR DRAIN. COORDINATE WITH PLUMBING DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"X30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
RH	ROBE HOOK AS SPECIFIED
SH1	SHOWER HEAD. COORDINATE WITH PLUMBING DRAWINGS
SH2	ADA SHOWER HEAD AND ACCESSORIES. COORDINATE WITH PLUMBING DRAWINGS
SH3	SHOWER BASE. COORDINATE WITH PLUMBING DRAWINGS
SHS	ADA SHOWER SEAT AS SPECIFIED
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SNR	SANITARY NAPKIN WASTE RECEPTACLE (OWNER FURNISHED, CONTRACTOR INSTALLED)
SSC	SOLID SURFACE COUNTERTOP WITH BRACKETS AS SPECIFIED
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
TP	TOILET PARTITION AS SPECIFIED
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
⊞	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
■	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
☐	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
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4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

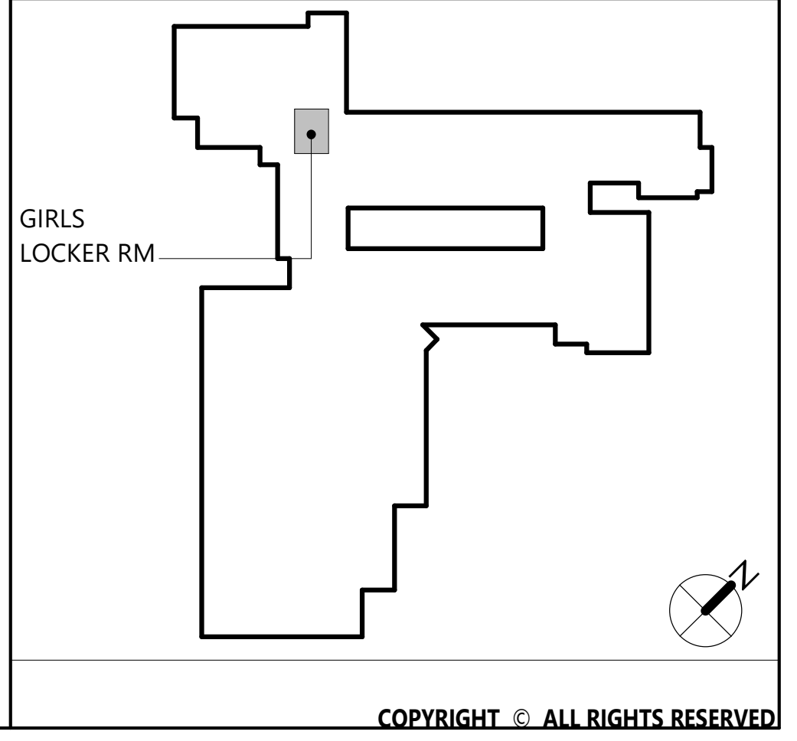
NEW WORK LEGEND

▨	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
▨	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
⊞	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

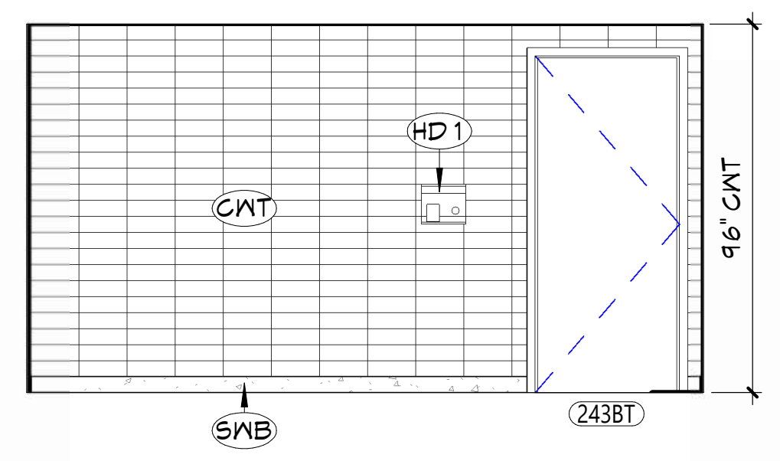
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GIRLS LOCKER ROOM - NEW WORK PLANS

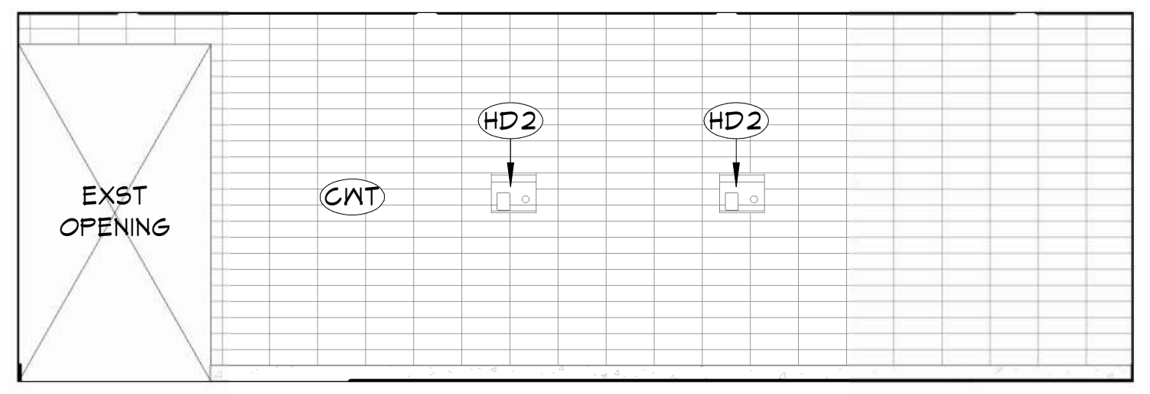
Sheet No.
WHS
A621

CONSTRUCTION DOCUMENTS

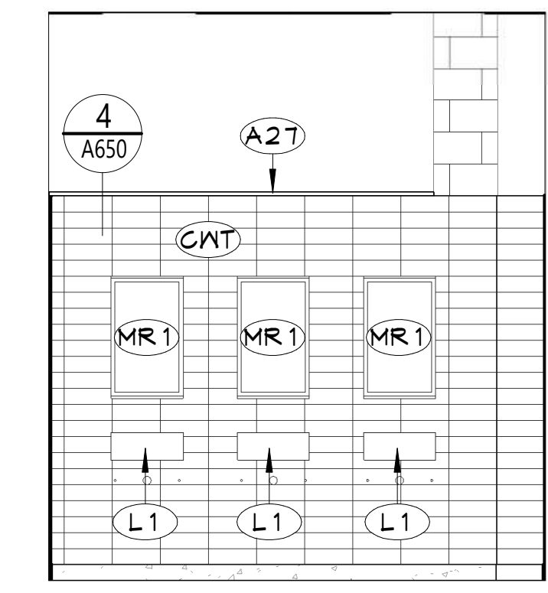
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



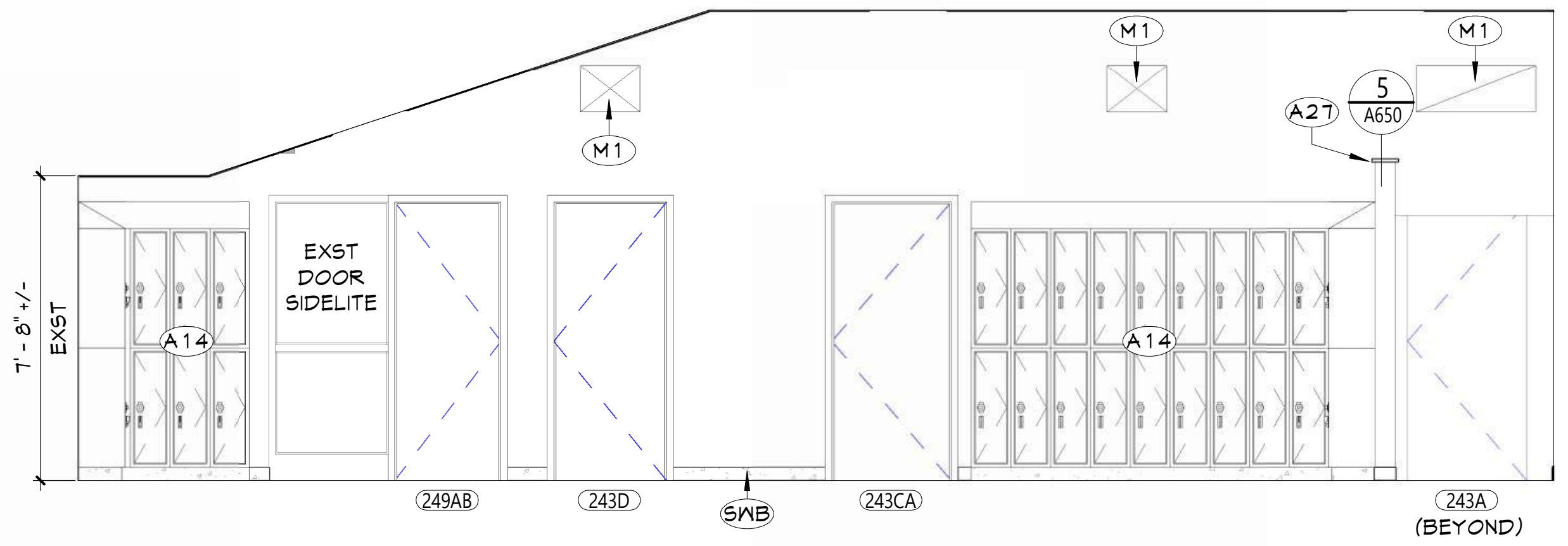
16 ADA TOILET 243B1 - WEST INT. ELEV.
A622 1/4" = 1'-0"



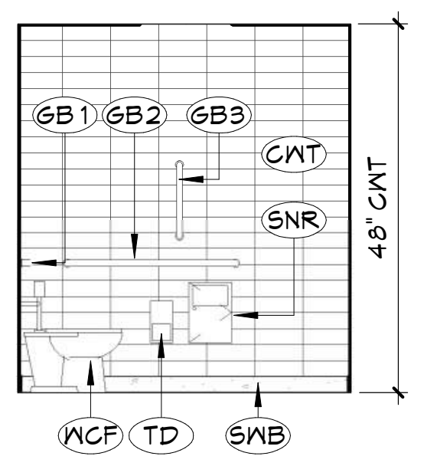
12 GIRLS SHOWERS 243B - WEST INT. ELEV.
A622 1/4" = 1'-0"



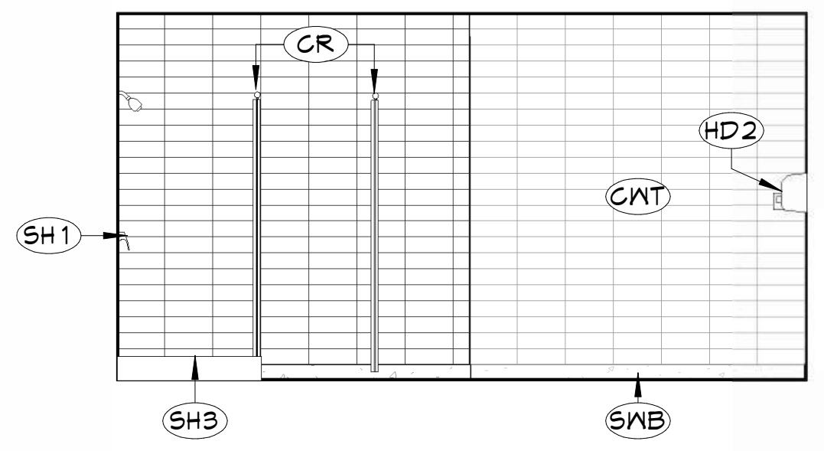
8 TOILET 243A - WEST INT. ELEV.
A622 1/4" = 1'-0"



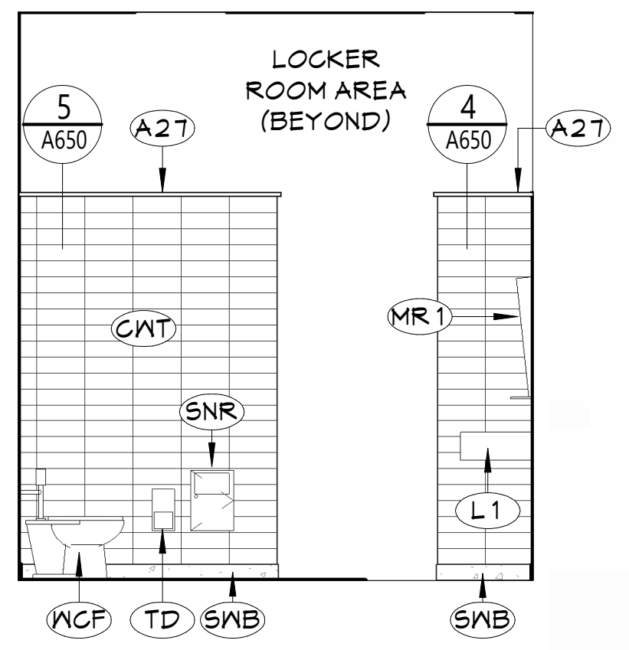
4 GIRLS LOCKER ROOM 243 - WEST INT. ELEV.
A622 1/4" = 1'-0"



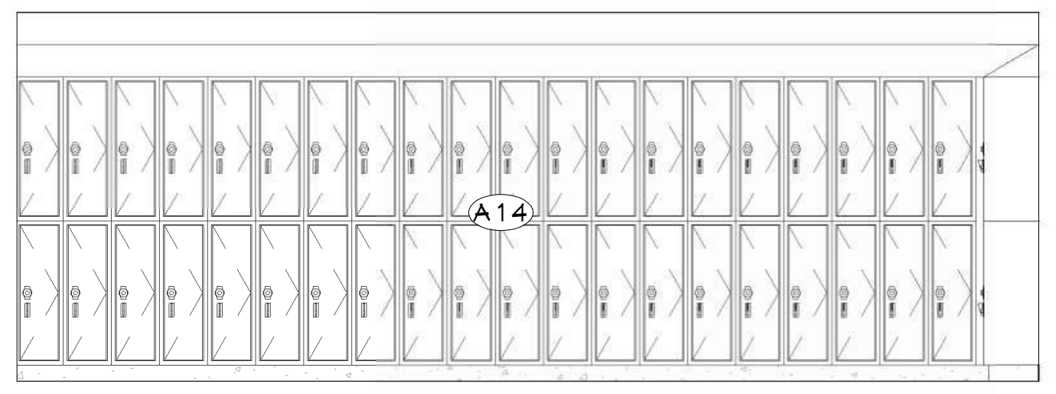
15 ADA TOILET 243B1 - SOUTH INT. ELEV.
A622 1/4" = 1'-0"



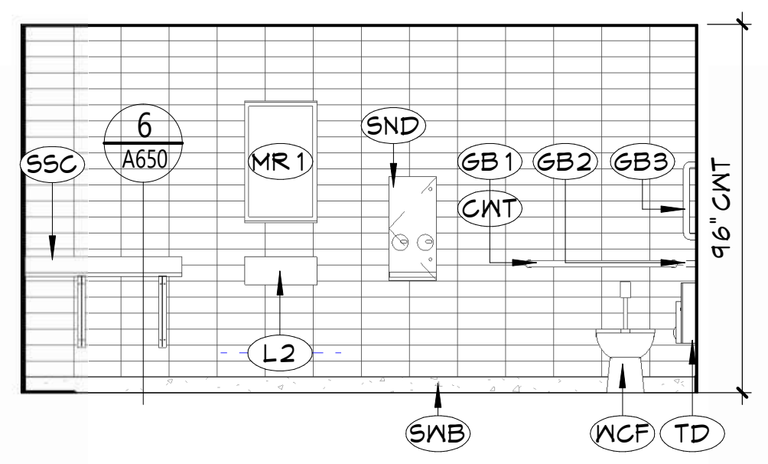
11 GIRLS SHOWERS 243B - SOUTH INT. ELEV.
A622 1/4" = 1'-0"



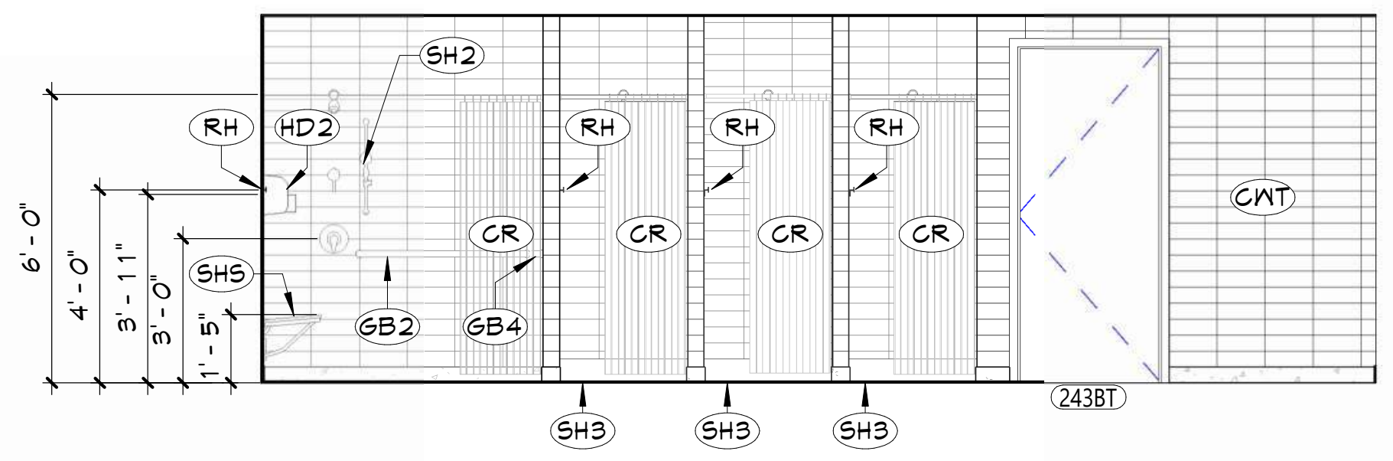
7 TOILET 243A - SOUTH INT. ELEV.
A622 1/4" = 1'-0"



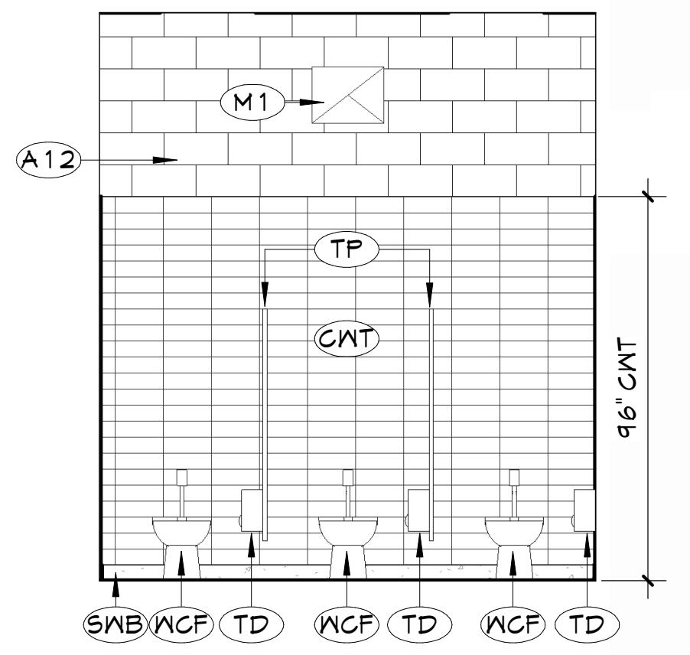
3 GIRLS LOCKER ROOM 243 - SOUTH INT. ELEV.
A622 1/4" = 1'-0"



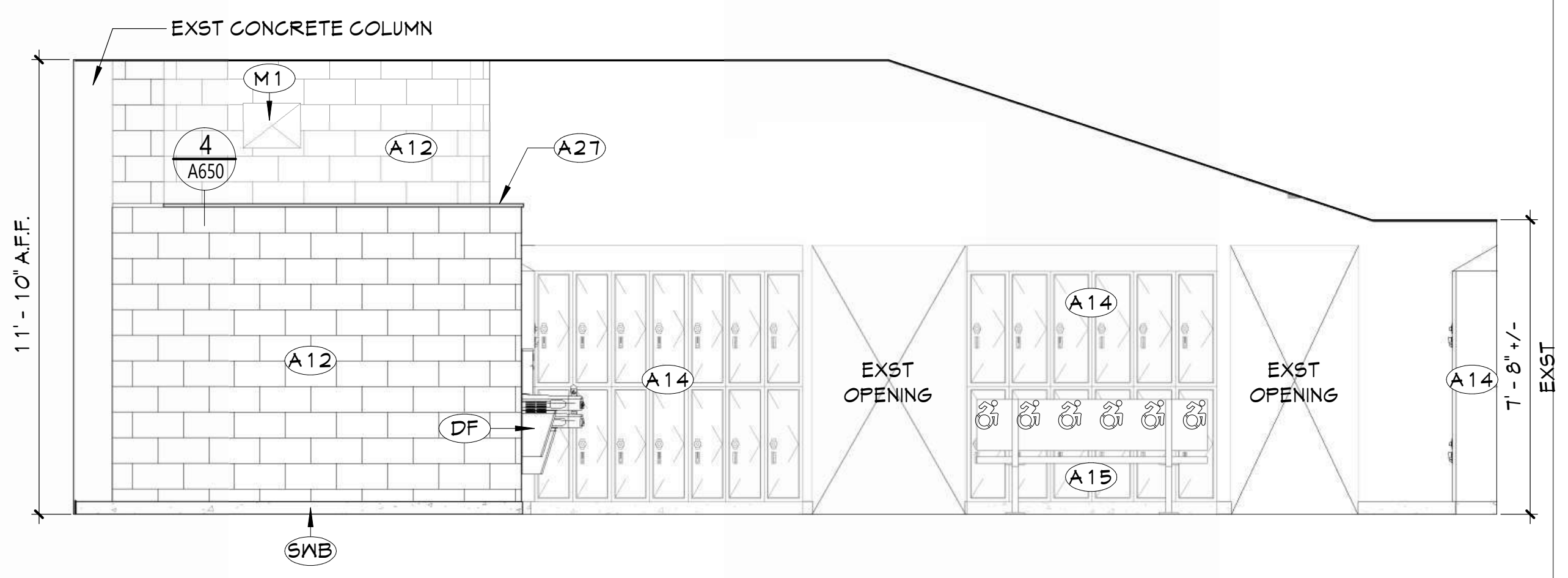
14 ADA TOILET 243B1 - EAST INT. ELEV.
A622 1/4" = 1'-0"



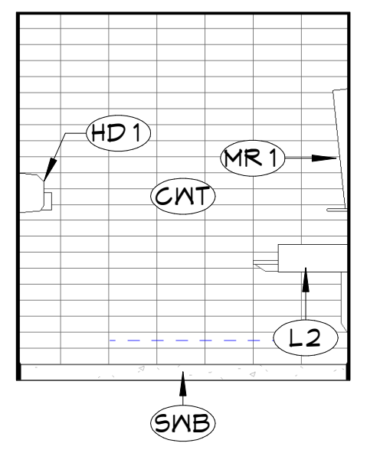
10 GIRLS SHOWERS 243B - EAST INT. ELEV.
A622 1/4" = 1'-0"



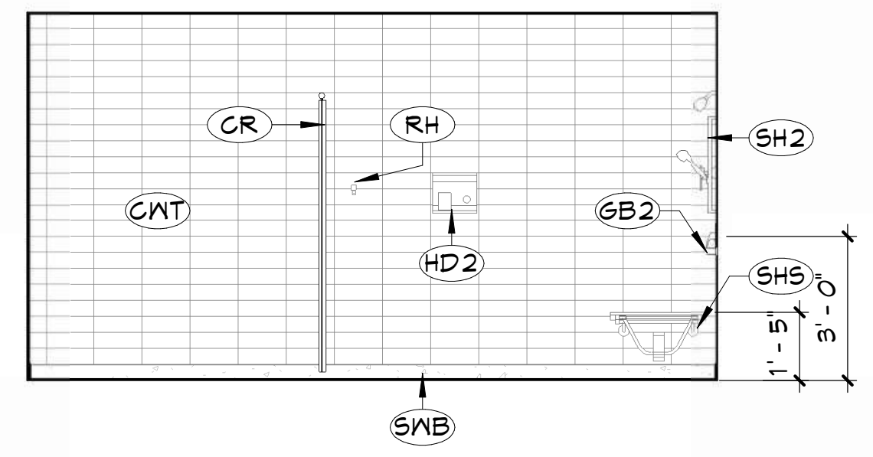
6 TOILET 243A - EAST INT. ELEV.
A622 1/4" = 1'-0"



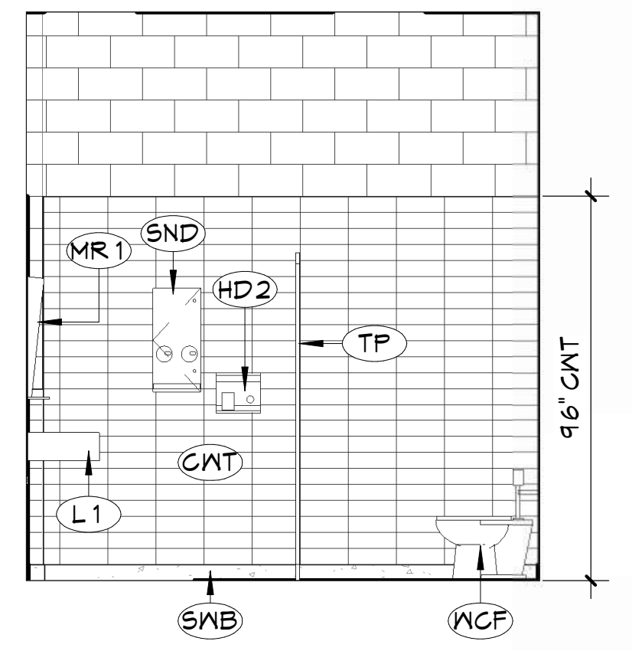
2 GIRLS LOCKER ROOM 243 - EAST INT. ELEV.
A622 1/4" = 1'-0"



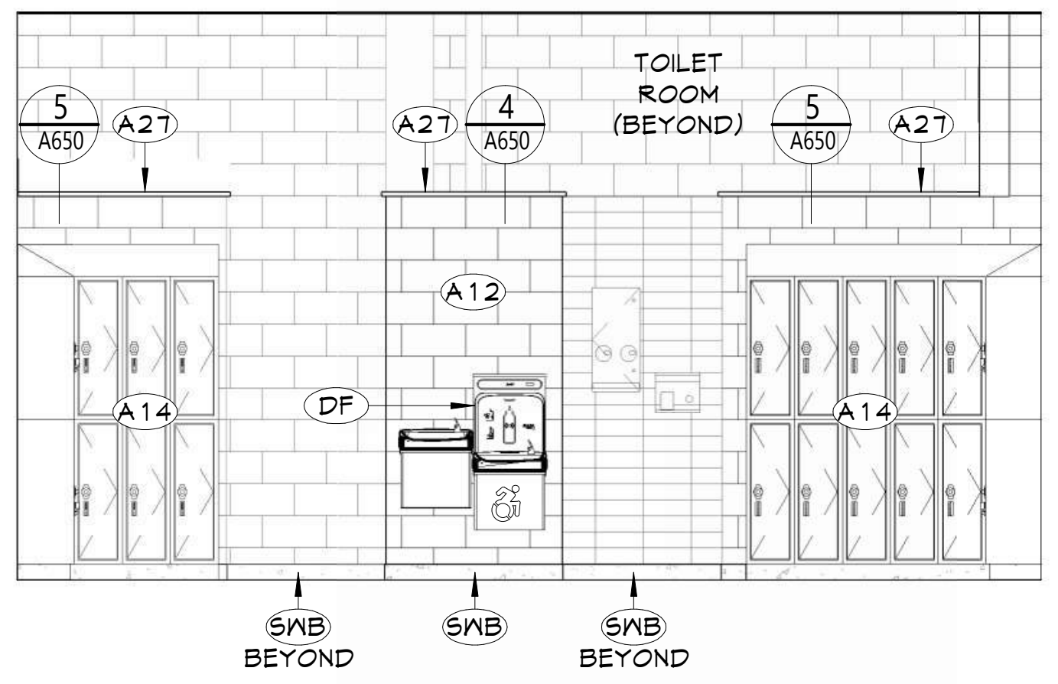
13 ADA TOILET 243B1 - NORTH INT. ELEV.
A622 1/4" = 1'-0"



9 GIRLS SHOWERS 243B - NORTH INT. ELEV.
A622 1/4" = 1'-0"



5 TOILET 243A - NORTH INT. ELEV.
A622 1/4" = 1'-0"



1 GIRLS LOCKER ROOM 243 - NORTH INT. ELEV.
A622 1/4" = 1'-0"

NEW WORK KEYNOTES

	Description
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A14	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE
A15	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE AND PROVIDE ADA SHELF ON BOTTOM LOCKERS AS PER MANUFACTURERS SPECIFICATIONS.
A27	PROVIDE SOLID SURFACE CAP AT TOP OF WALL/PARTITION WITH 1" MINIMUM OVERHANG ON ALL SIDES.
CR	CURTAIN ROD AS SPECIFIED
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
GB4	18" GRAB BAR AS SPECIFIED
HD1	NEW ELECTRICAL HAND DRYER IN NEW PARTITION AS SPECIFIED. COORDINATE WITH ELECTRICAL DRAWINGS.
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"X30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
RH	ROBE HOOK AS SPECIFIED
SH1	SHOWER HEAD. COORDINATE WITH PLUMBING DRAWINGS
SH2	ADA SHOWER HEAD AND ACCESSORIES. COORDINATE WITH PLUMBING DRAWINGS
SH3	SHOWER BASE. COORDINATE WITH PLUMBING DRAWINGS
SHS	ADA SHOWER SEAT AS SPECIFIED
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SNR	SANITARY NAPKIN WASTE RECEPTACLE (OWNER FURNISHED, CONTRACTOR INSTALLED)
SSC	SOLID SURFACE COUNTERTOP WITH BRACKETS AS SPECIFIED
SWB	SCHEDULED WALL BASE
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
TP	TOILET PARTITION AS SPECIFIED
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
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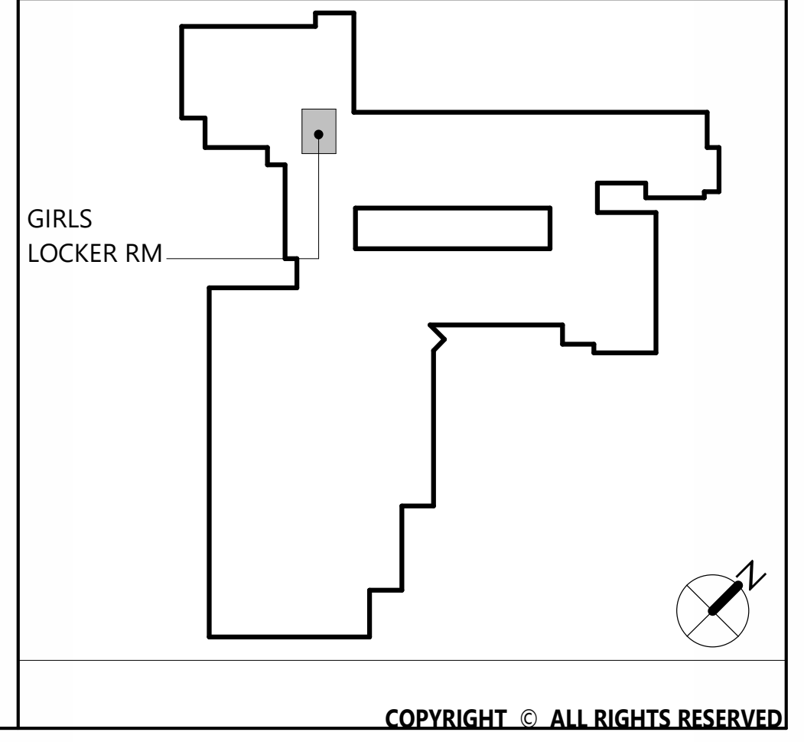
NEW WORK LEGEND

░	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
░	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

REGISTERED ARCHITECT THOMAS M. RITZENTHALER STATE OF NEW YORK 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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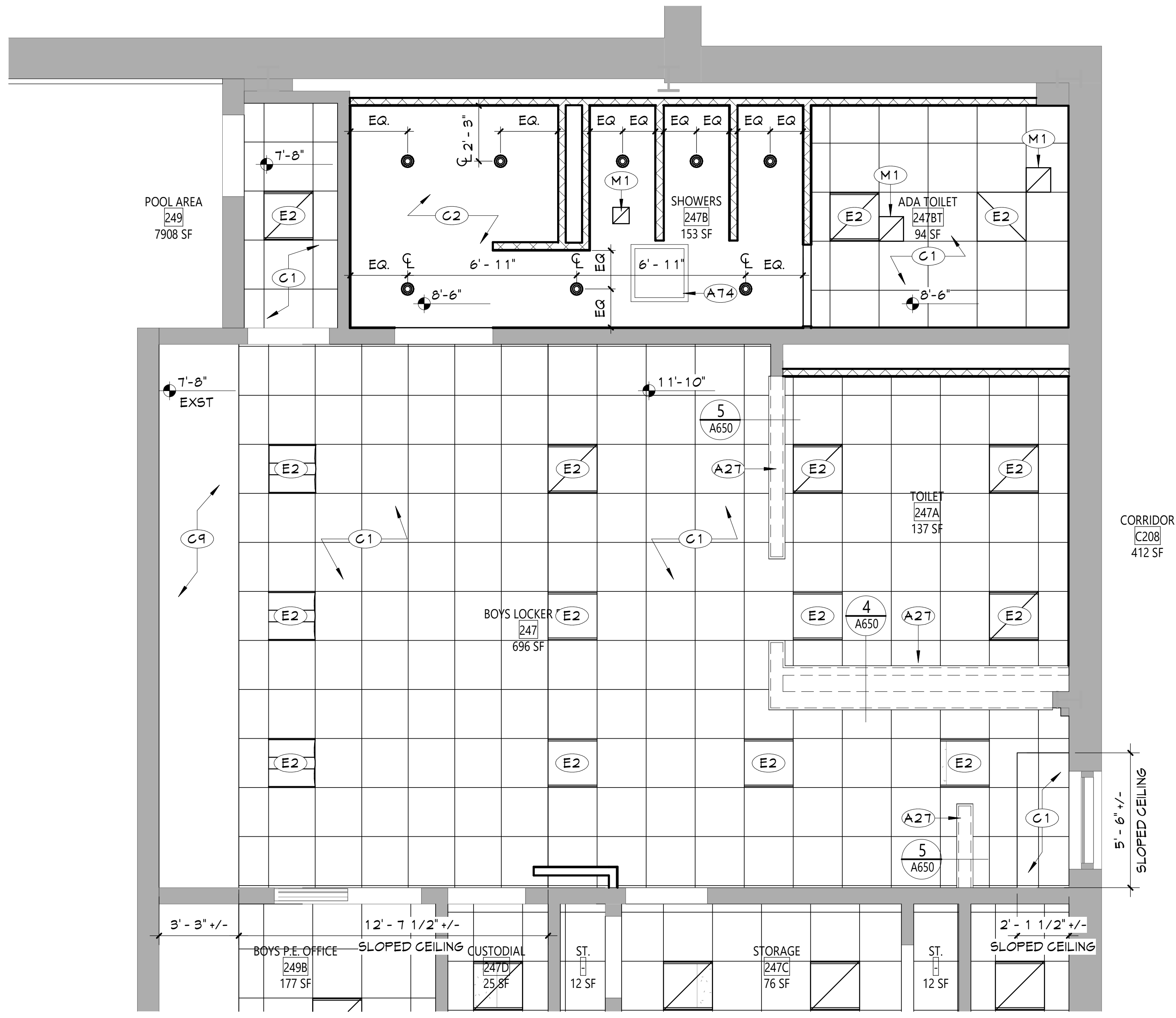
Sheet Title
GIRLS LOCKER ROOM - NEW WORK INT. ELEVATIONS

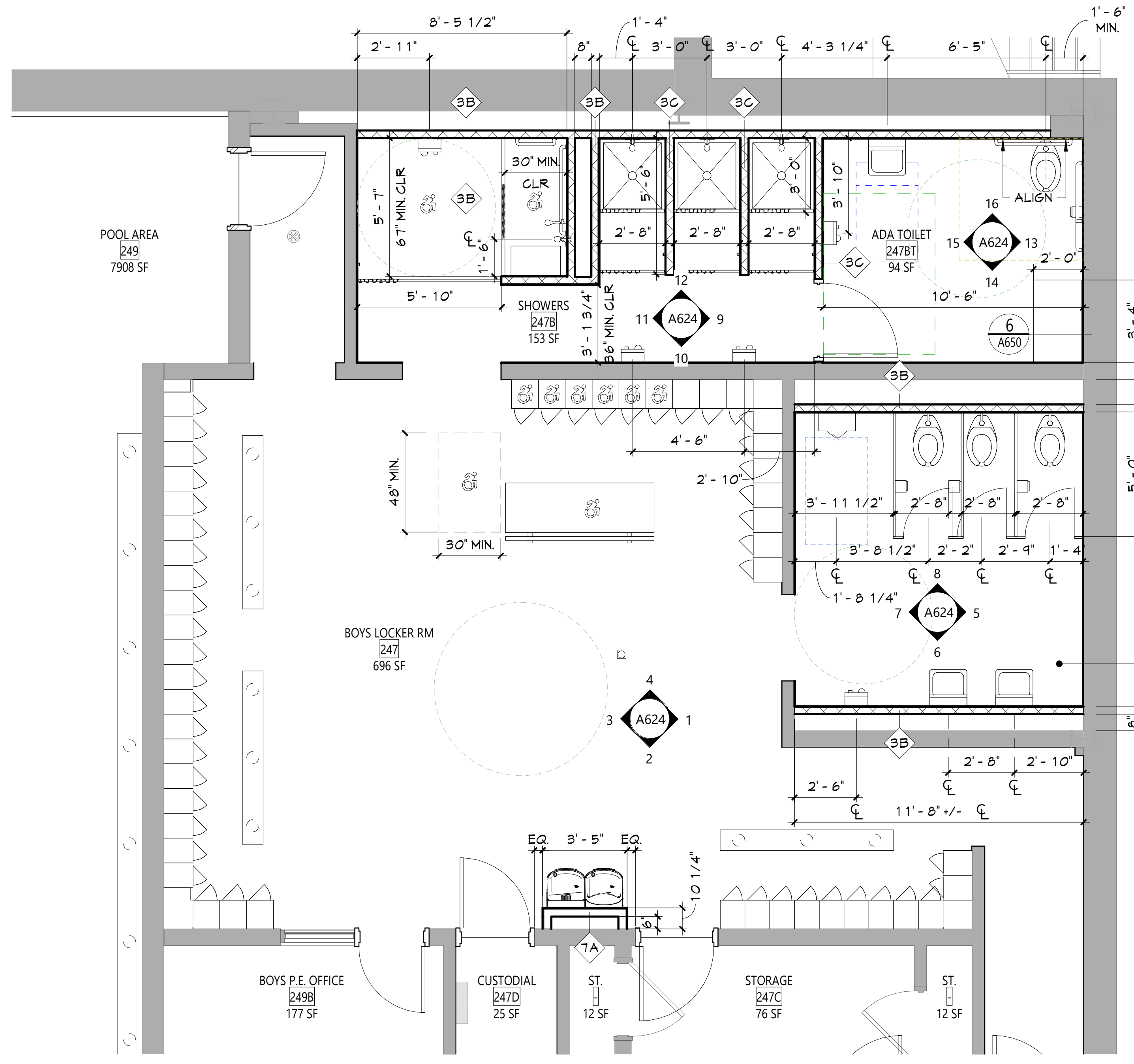
Sheet No.
WHS A622

CONSTRUCTION DOCUMENTS

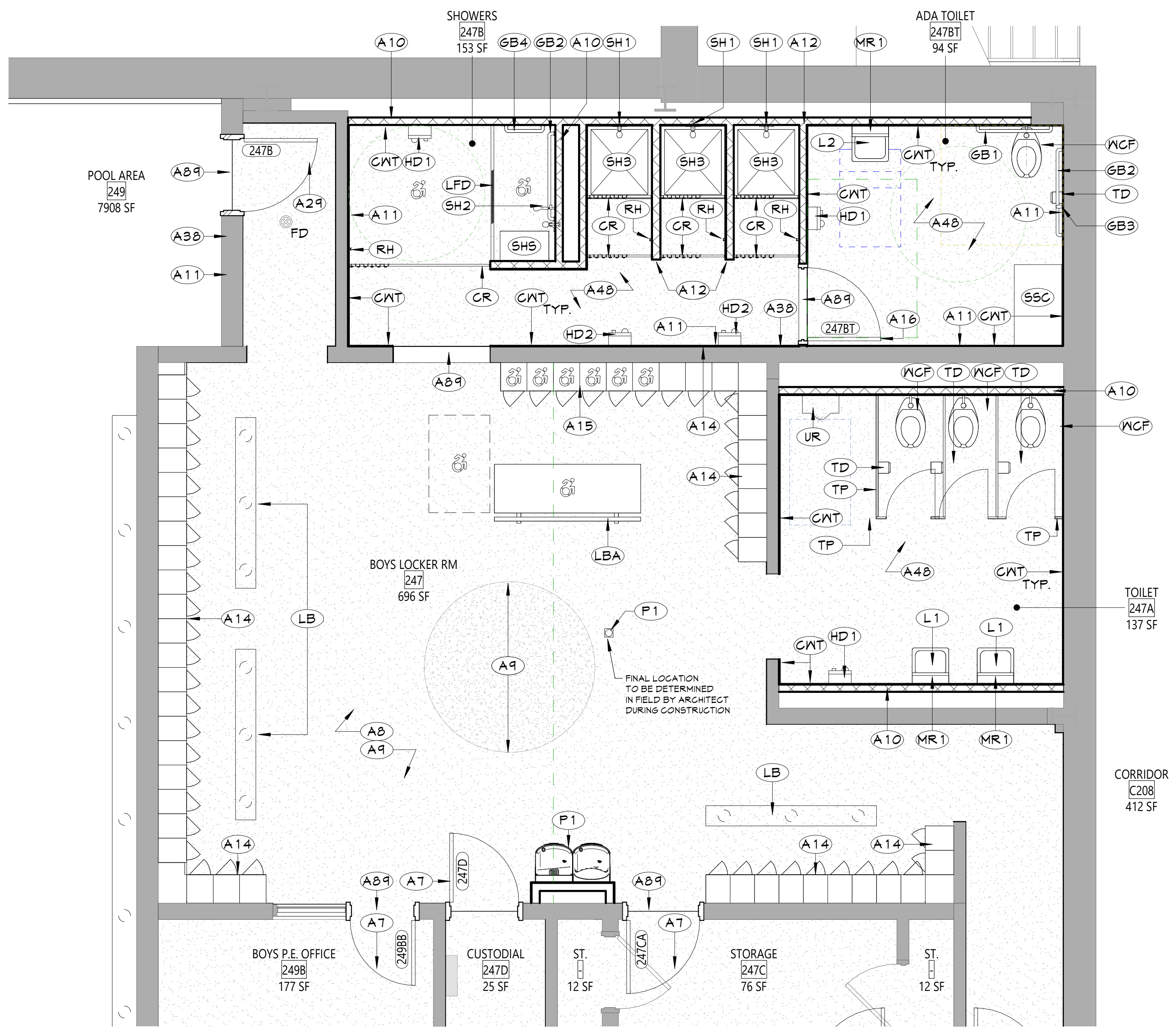
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 BOYS POOL LOCKER ROOM 247 - NEW WORK RCP
A623 1/4" = 1'-0"



3 BOYS POOL LOCKER ROOM - DIMENSION PLAN
A623 1/4" = 1'-0"



1 BOYS POOL LOCKER ROOM 247 - NEW WORK PLAN
A623 1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

- GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR
- EXISTING CEILING TO REMAIN
- EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- OS CEILING MOUNTED OCCUPANCY SENSOR
- S CEILING MOUNTED SMOKE DETECTOR
- H CEILING MOUNTED HEAT DETECTOR
- S CEILING MOUNTED PA SPEAKER
- J CEILING MOUNTED SECURITY J-BOX
- MS CEILING MOUNTED MOTION SENSOR
- ▽ CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

- 4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A7	PROVIDE NEW DOOR AND HARDWARE. FRAME TO REMAIN.
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A10	PROVIDE NEW CHASE WALL. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A11	PROVIDE WALL PATCHING, PRIME, AND PAINT AT LOCATION OF REMOVED ACCESSORY AND/OR PLUMBING FIXTURE TO MATCH ADJACENT EXISTING CONSTRUCTION AND FINISH.
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A14	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE
A15	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE AND PROVIDE ADA SHELF ON BOTTOM LOCKERS AS PER MANUFACTURERS SPECIFICATIONS.
A16	PROVIDE NEW DOOR, HARDWARE, AND FRAME. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
A27	PROVIDE SOLID SURFACE CAP AT TOP OF WALL/PARTITION WITH 1" MINIMUM OVERHANG ON ALL SIDES.
A29	PROVIDE NEW DOOR, DOOR HARDWARE, AND DOOR FRAME IN EXISTING OPENING. REFER TO DOOR SCHEDULE.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
A48	PROVIDE NEW CONCRETE SLAB IN SHOWER AND TOILETING AREA. COORDINATE WITH PLUMBING AND STRUCTURAL DRAWINGS.
A74	PROVIDE NEW STAINLESS STEEL CEILING ACCESS HATCH. COORDINATE FINAL SIZE AND LOCATION WITH MECHANICAL DRAWINGS.
A89	PROVIDE ADA COMPLIANT EPOXY THRESHOLD. SEE MANUFACTURERS SPECIFICATIONS.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C2	PROVIDE NEW PAINTED GYPSUM BOARD CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CEILING TYPES.
C9	PREP SURFACE, PRIME, AND PAINT EXISTING EXPOSED CONCRETE.
CR	CURTAIN ROD AS SPECIFIED
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
GB4	18" GRAB BAR AS SPECIFIED
HD1	NEW ELECTRICAL HAND DRYER IN NEW PARTITION AS SPECIFIED. COORDINATE WITH ELECTRICAL DRAWINGS.
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
LB	HDPE FLOOR MOUNTED LOCKER ROOM BENCH AS SPECIFIED
LBA	ADA HDPE FLOOR MOUNTED LOCKER ROOM BENCH WITH REQUIRED CLEARANCE AS SPECIFIED
LFD	LINEAR FLOOR DRAIN. COORDINATE WITH PLUMBING DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
RH	ROBE HOOK AS SPECIFIED
SH1	SHOWER HEAD. COORDINATE WITH PLUMBING DRAWINGS
SH2	ADA SHOWER HEAD AND ACCESSORIES. COORDINATE WITH PLUMBING DRAWINGS
SH3	SHOWER BASE. COORDINATE WITH PLUMBING DRAWINGS
SHS	ADA SHOWER SEAT AS SPECIFIED
SSC	SOLID SURFACE COUNTERTOP WITH BRACKETS AS SPECIFIED
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
TP	TOILET PARTITION AS SPECIFIED
UR	URINAL, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

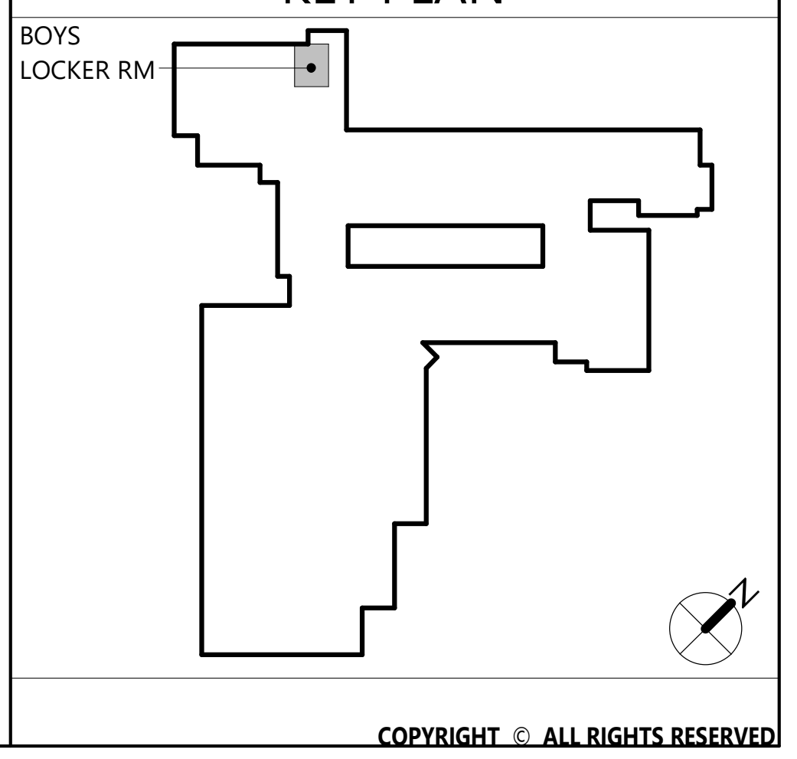
NEW WORK LEGEND

- NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
- NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
- ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
- NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
- NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Consultant

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

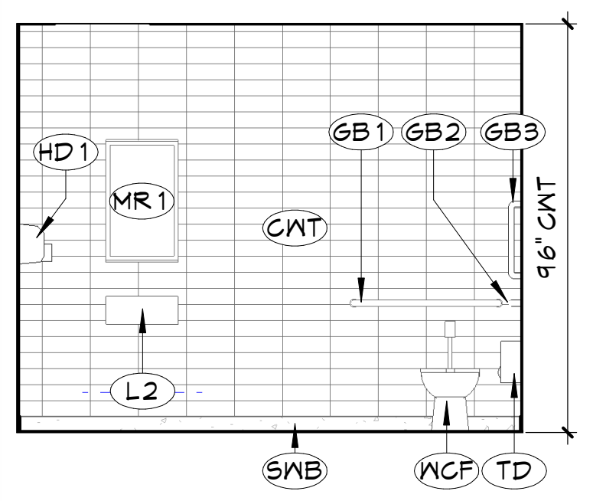
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
BOYS LOCKER ROOM - NEW WORK PLANS

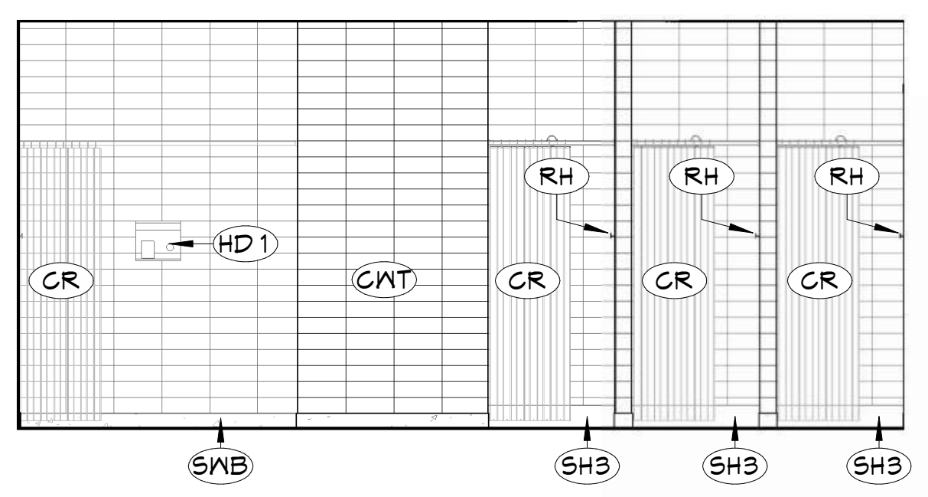
Sheet No.
WHS
A623

CONSTRUCTION DOCUMENTS

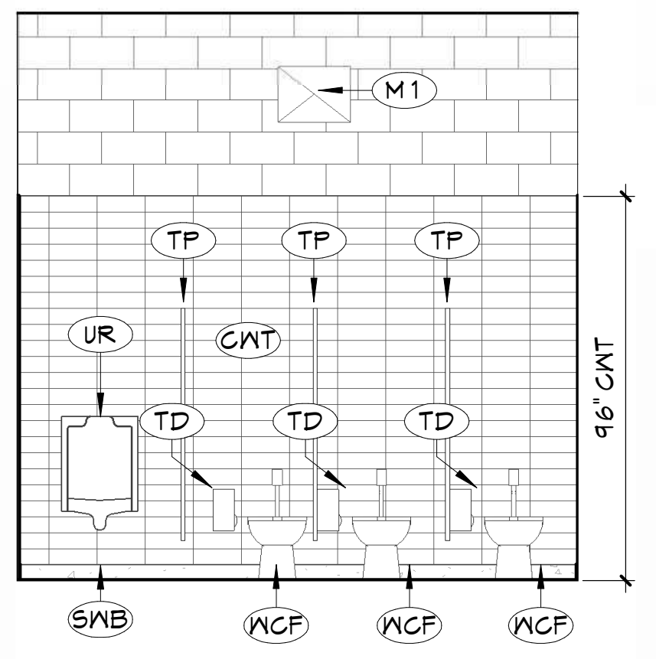
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



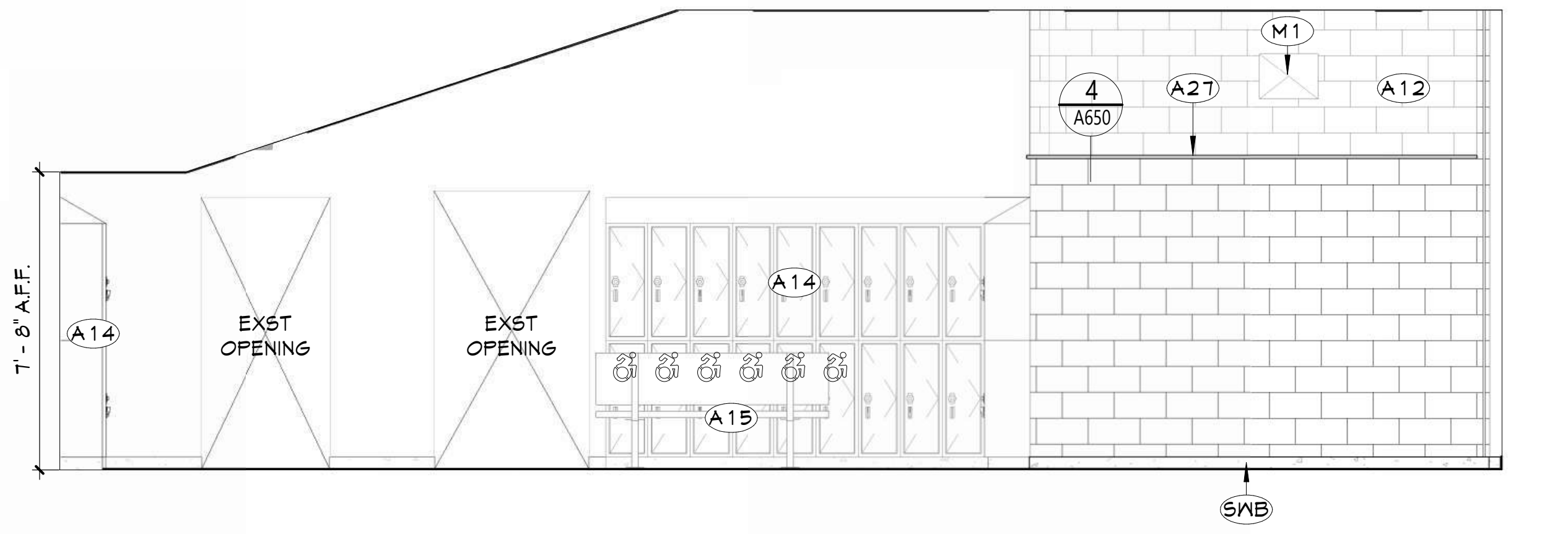
16 ADA TOILET 247B1 - WEST INT. ELEV.
A624 1/4" = 1'-0"



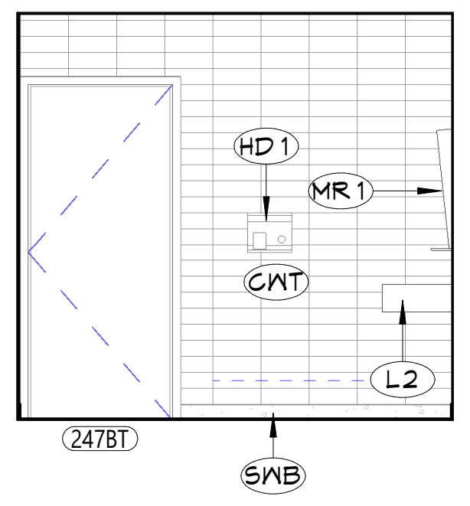
12 BOYS SHOWERS 247B - WEST INT. ELEV.
A624 1/4" = 1'-0"



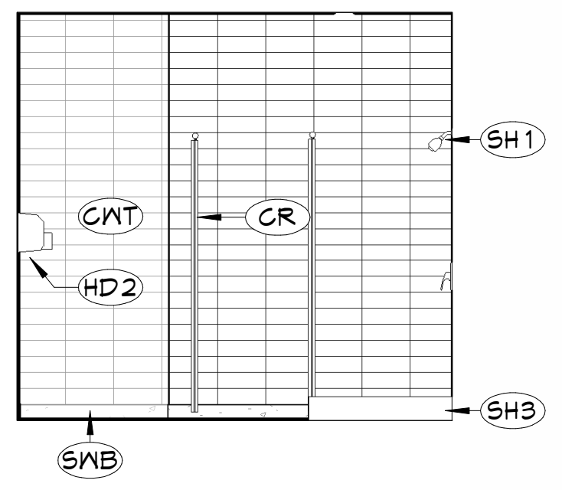
8 TOILET 247A - WEST INT. ELEV.
A624 1/4" = 1'-0"



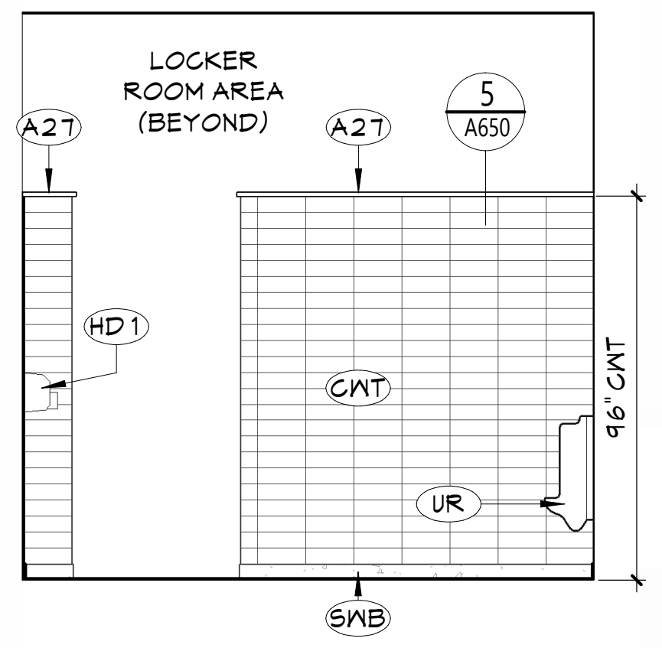
4 BOYS LOCKER ROOM 247 - WEST INT. ELEV.
A624 1/4" = 1'-0"



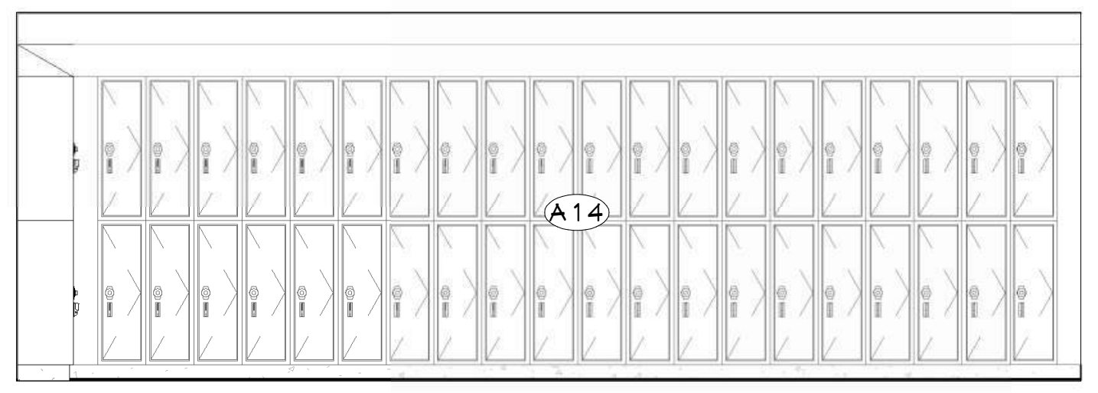
15 ADA TOILET 247B1 - SOUTH INT. ELEV.
A624 1/4" = 1'-0"



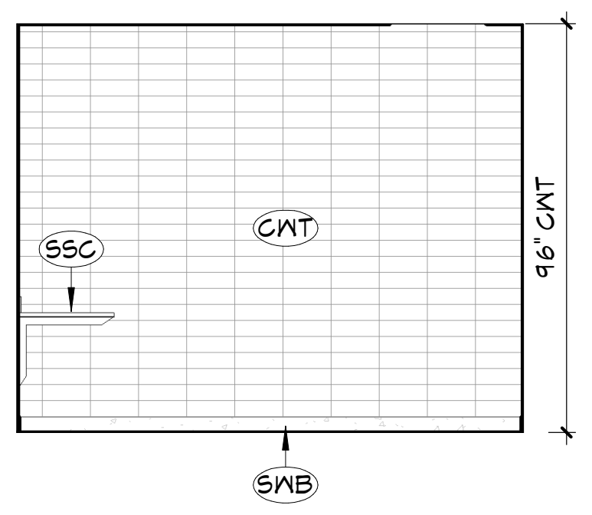
11 BOYS SHOWERS 247B - SOUTH INT. ELEV.
A624 1/4" = 1'-0"



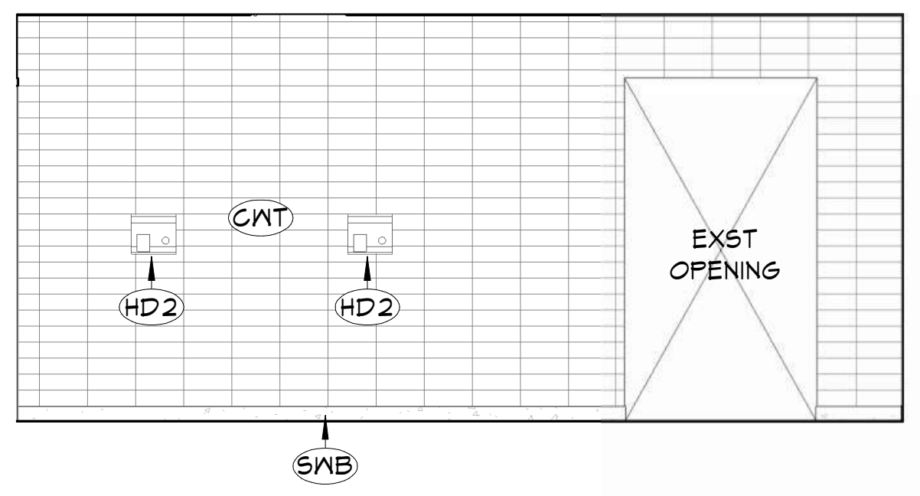
7 TOILET 247A - SOUTH INT. ELEV.
A624 1/4" = 1'-0"



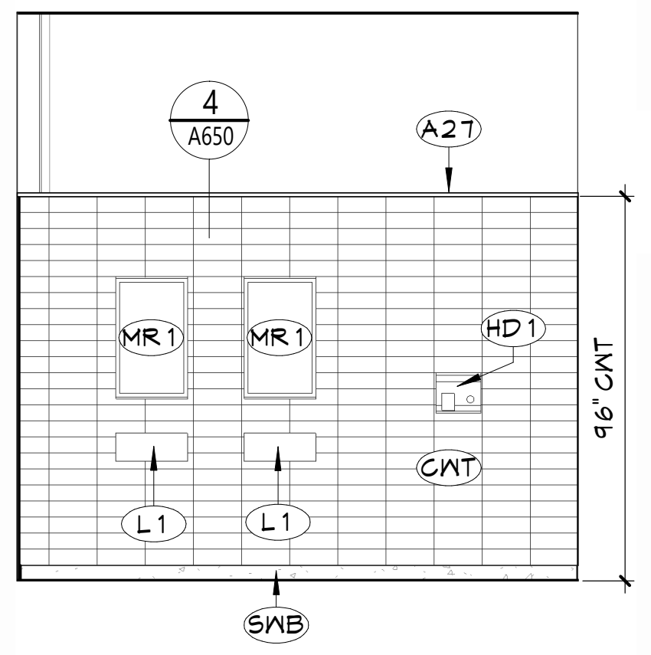
3 BOYS LOCKER ROOM 247 - SOUTH INT. ELEV.
A624 1/4" = 1'-0"



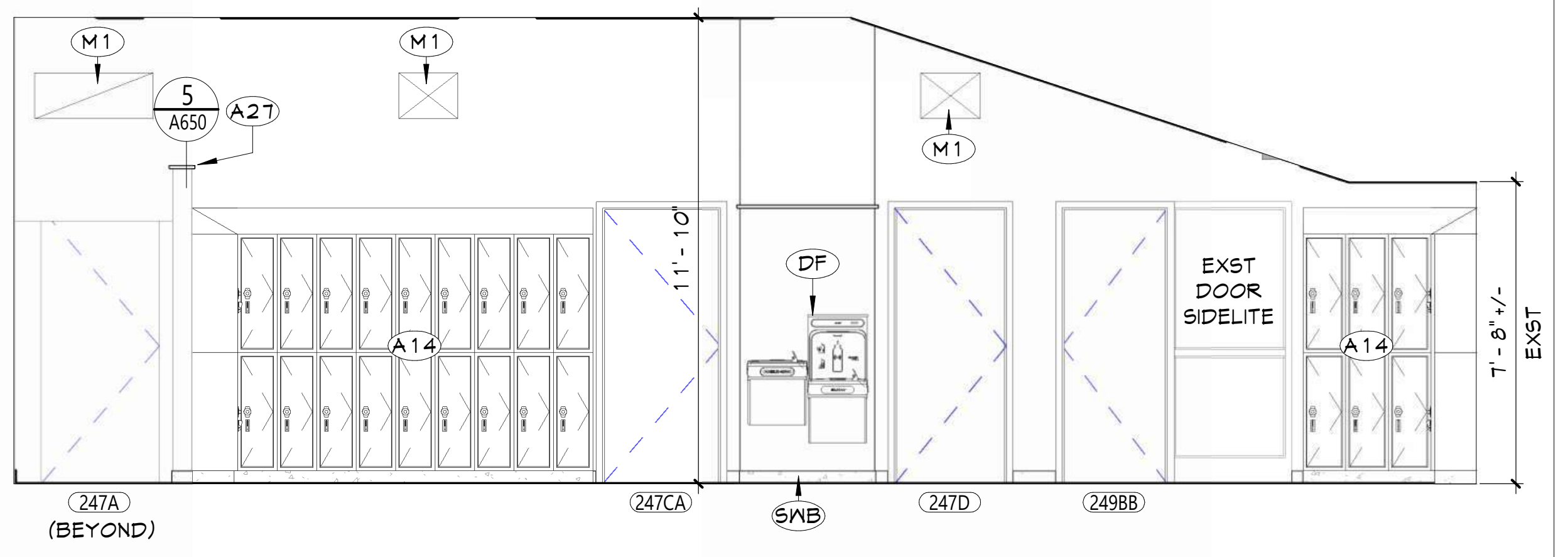
14 ADA TOILET 247B1 - EAST INT. ELEV.
A624 1/4" = 1'-0"



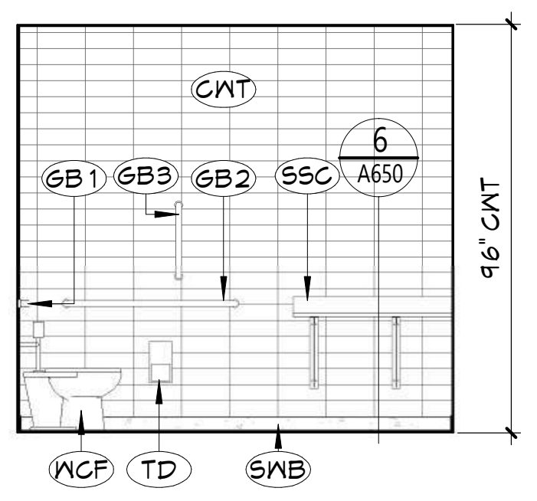
10 BOYS SHOWERS 247B - EAST INT. ELEV.
A624 1/4" = 1'-0"



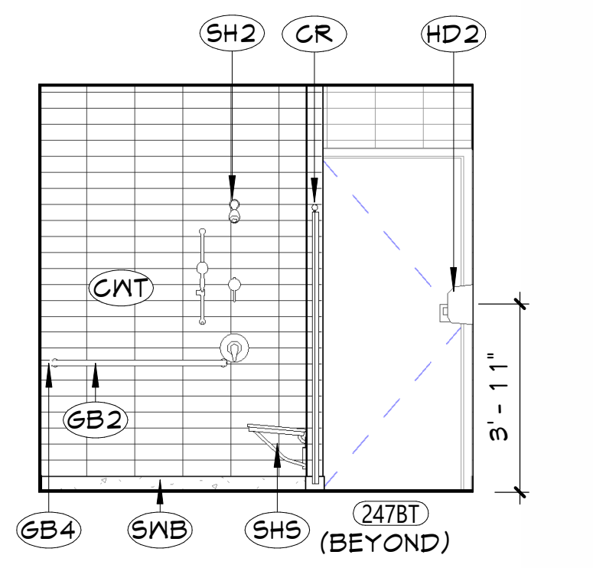
6 TOILET 247A - EAST INT. ELEV.
A624 1/4" = 1'-0"



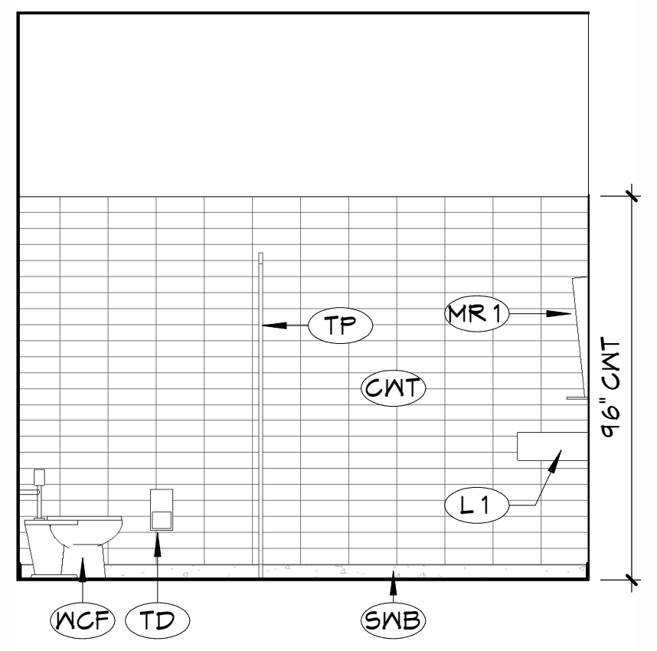
2 BOYS LOCKER ROOM 247 - EAST INT. ELEV.
A624 1/4" = 1'-0"



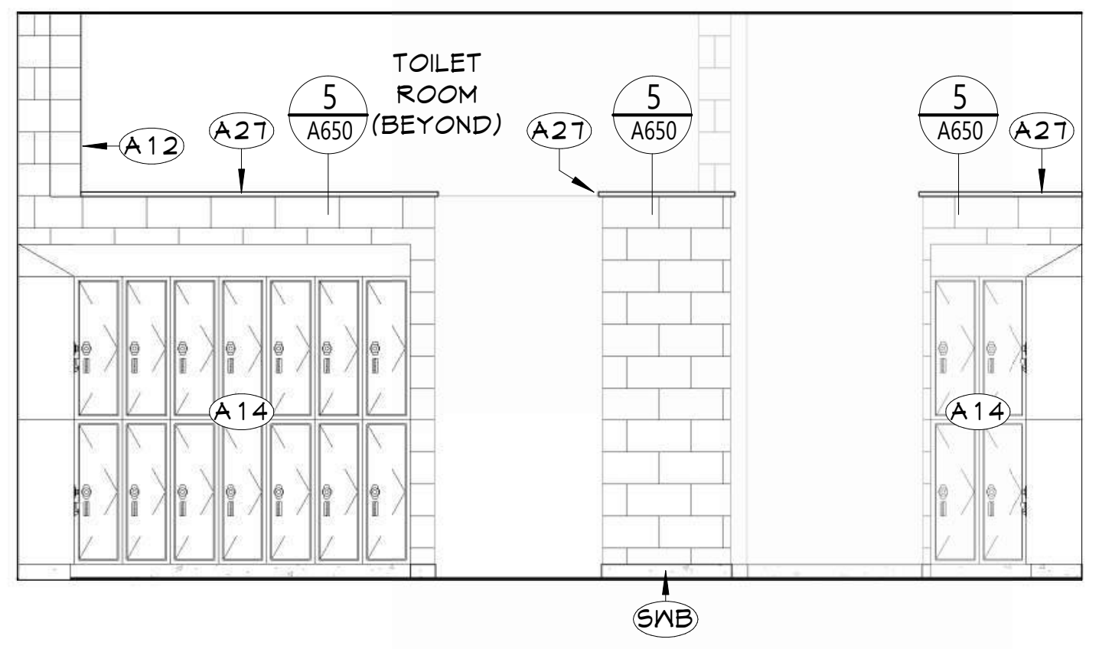
13 ADA TOILET 247B1 - NORTH INT. ELEV.
A624 1/4" = 1'-0"



9 BOYS SHOWERS 247B - NORTH INT. ELEV.
A624 1/4" = 1'-0"



5 TOILET 247A - NORTH INT. ELEV.
A624 1/4" = 1'-0"



1 BOYS LOCKER ROOM 247 - NORTH INT. ELEV.
A624 1/4" = 1'-0"

NEW WORK KEYNOTES

	Description
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A14	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE
A15	USING A CERTIFIED LOCKER INSTALLER, REINSTALL PREVIOUSLY SALVAGED LOCKERS IN THEIR ORIGINAL LOCATION AFTER RENOVATION WORK IS COMPLETE AND PROVIDE ADA SHELF ON BOTTOM LOCKERS AS PER MANUFACTURERS SPECIFICATIONS.
A27	PROVIDE SOLID SURFACE CAP AT TOP OF WALL/PARTITION WITH 1" MINIMUM OVERHANG ON ALL SIDES.
CR	CURTAIN ROD AS SPECIFIED
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
GB4	18" GRAB BAR AS SPECIFIED
HD1	NEW ELECTRICAL HAND DRYER IN NEW PARTITION AS SPECIFIED. COORDINATE WITH ELECTRICAL DRAWINGS.
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L1	LAVATORY, STANDARD HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"X30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
RH	ROBE HOOK AS SPECIFIED
SH1	SHOWER HEAD. COORDINATE WITH PLUMBING DRAWINGS
SH2	ADA SHOWER HEAD AND ACCESSORIES. COORDINATE WITH PLUMBING DRAWINGS
SH3	SHOWER BASE. COORDINATE WITH PLUMBING DRAWINGS
SHS	ADA SHOWER SEAT AS SPECIFIED
SSC	SOLID SURFACE COUNTERTOP WITH BRACKETS AS SPECIFIED
SWB	SCHEDULED WALL BASE
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
TP	TOILET PARTITION AS SPECIFIED
UR	URINAL, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
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8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
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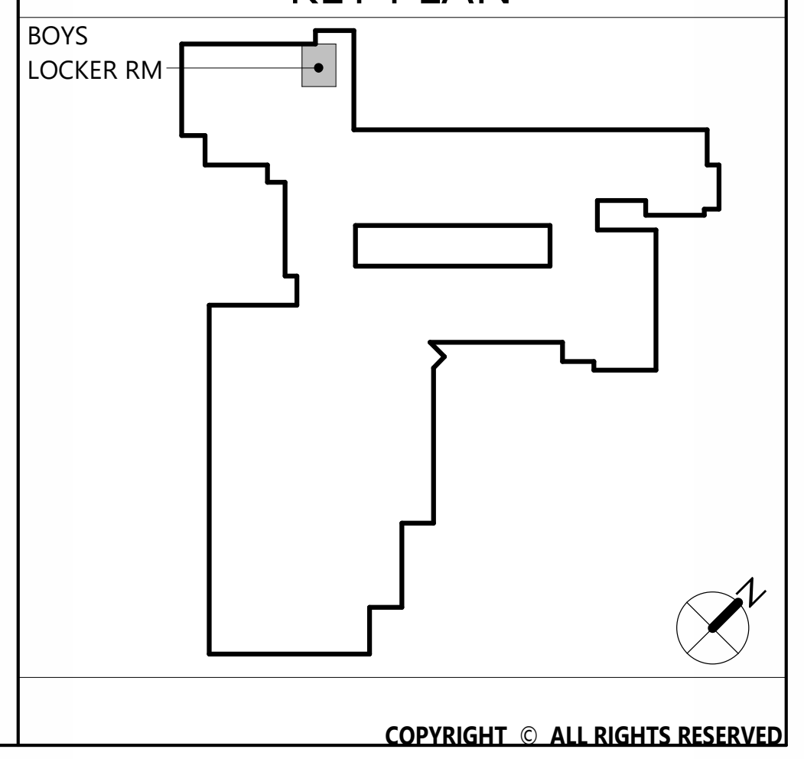
NEW WORK LEGEND

▨	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
▨	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
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Proj. #:	44-01-02-06-0-007-033
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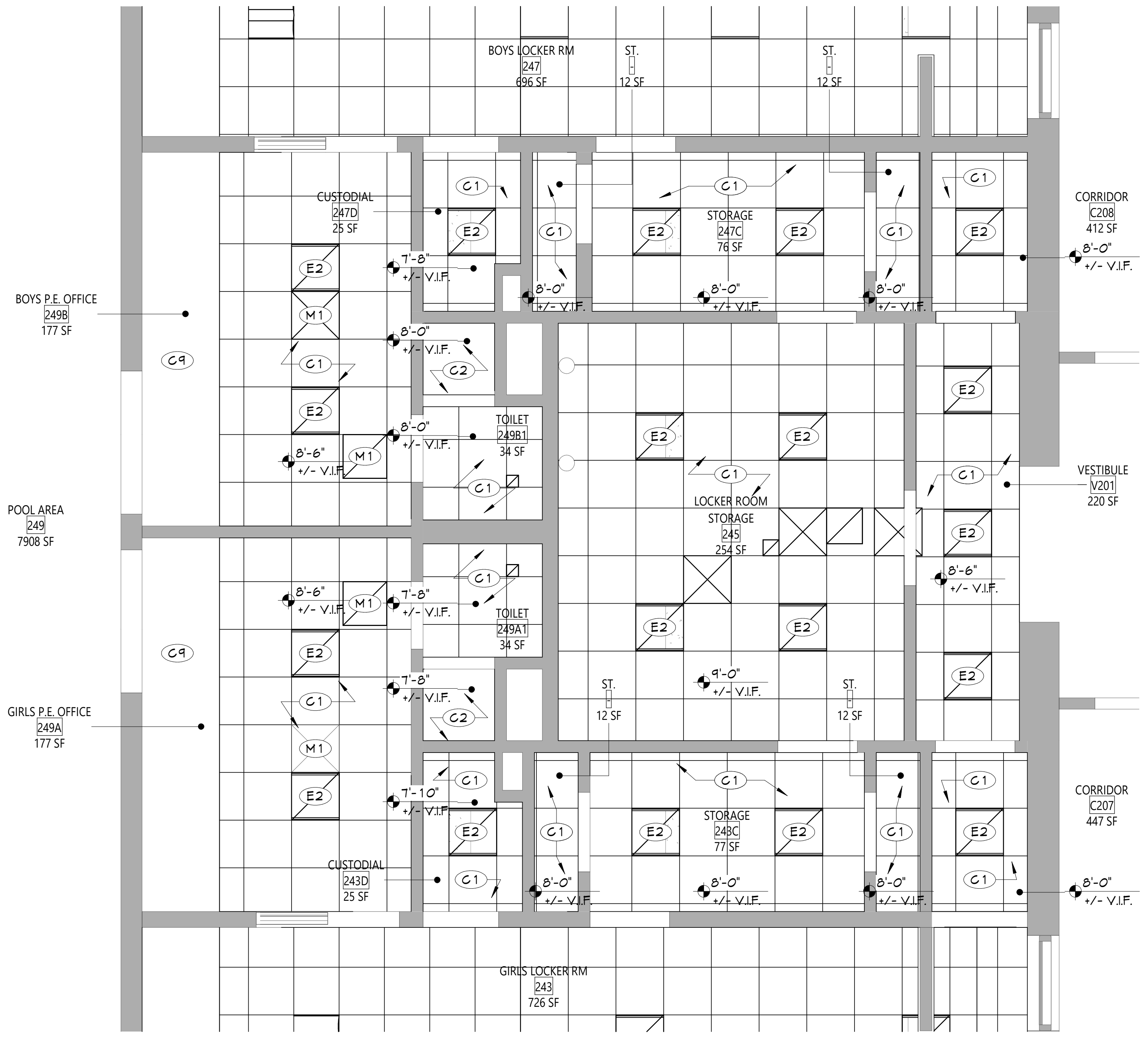
Construction Documents:	12/12/25

Sheet Title
BOYS LOCKER ROOM - NEW WORK INT. ELEVATIONS

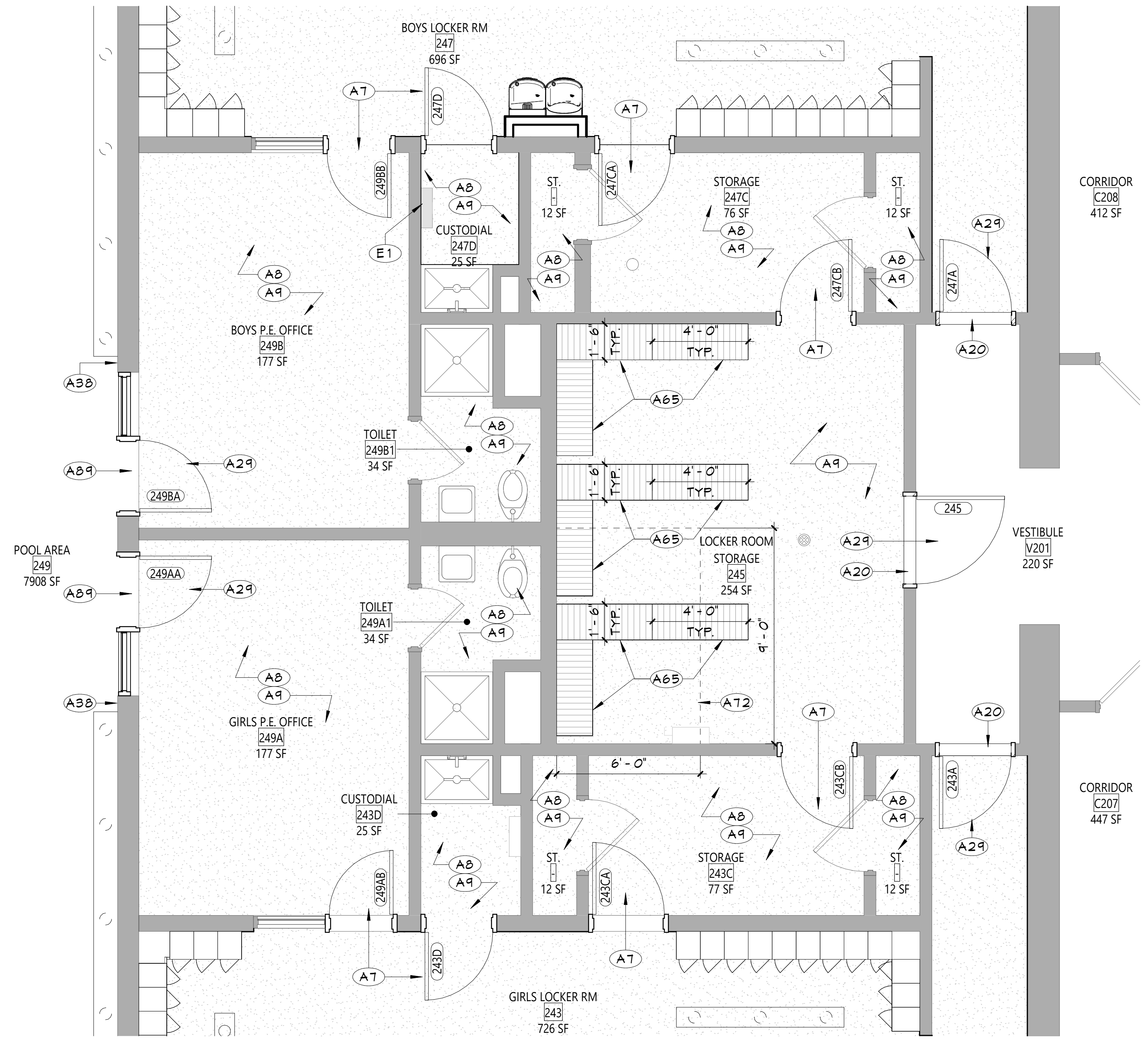
Sheet No.
WHS A624

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 POOL SUPPORT SPACE - NEW WORK RCP
A625
1/4" = 1'-0"



1 POOL SUPPORT SPACE - NEW WORK PLAN
A625
1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE

SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

+X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

EXISTING CEILING TO REMAIN

EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2'x4' LIGHT FIXTURE

2'x2' LIGHT FIXTURE

1'x LIGHT FIXTURE

PENDANT LIGHT FIXTURE

RECESSED DOWN LIGHT

CEILING MOUNTED EXIT SIGN

OS CEILING MOUNTED OCCUPANCY SENSOR

S CEILING MOUNTED SMOKE DETECTOR

H CEILING MOUNTED HEAT DETECTOR

S CEILING MOUNTED PA SPEAKER

J CEILING MOUNTED SECURITY J-BOX

MS CEILING MOUNTED MOTION SENSOR

▽ CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

☒ HVAC SUPPLY GRILLE

HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A7	PROVIDE NEW DOOR AND HARDWARE. FRAME TO REMAIN.
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A29	PROVIDE NEW DOOR, DOOR HARDWARE, AND DOOR FRAME IN EXISTING OPENING. REFER TO DOOR SCHEDULE.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
A65	PROVIDE NEW MOBILE STORAGE RACK AS SPECIFIED IN SECTION 105626.
A72	PROVIDE SELF-LEVELING CEMENTITIOUS FLOOR UNDERLAYMENT WHERE THE PLATFORM WAS REMOVED TO ALIGN NEW FLOOR FINISHES WITH EXISTING FLOOR FINISHES.
A89	PROVIDE ADA COMPLIANT EPOXY THRESHOLD. SEE MANUFACTURERS SPECIFICATIONS.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C2	PROVIDE NEW PAINTED GYPSUM BOARD CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CEILING TYPES.
C9	PREP SURFACE, PRIME, AND PAINT EXISTING EXPOSED CONCRETE.
E1	ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK LEGEND

NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.

NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.

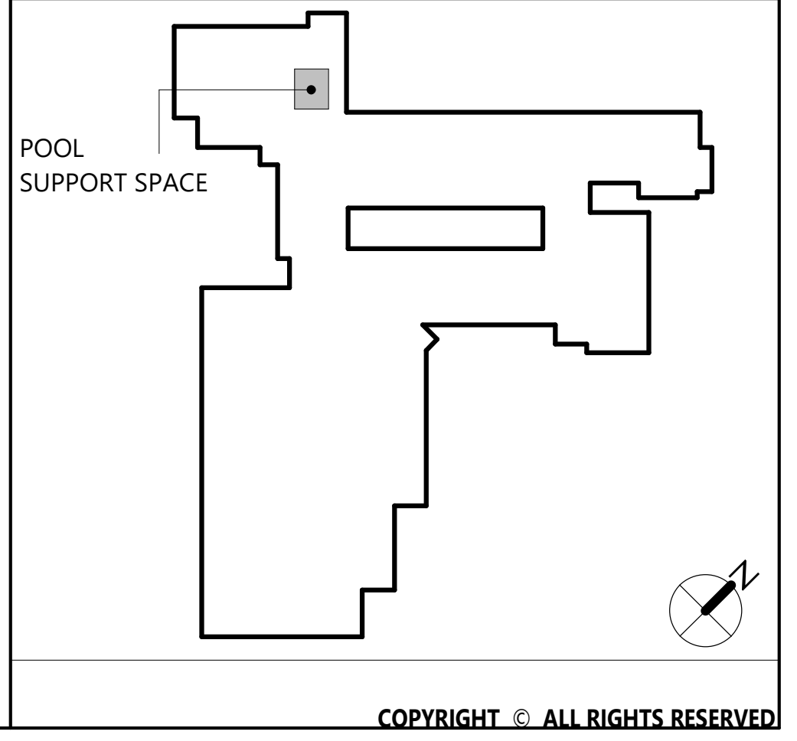
NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.

NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
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CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
POOL SUPPORT SPACE - NEW WORK PLANS

Sheet No.
WHS A625

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

POOL PRODUCT SPECIFICATIONS

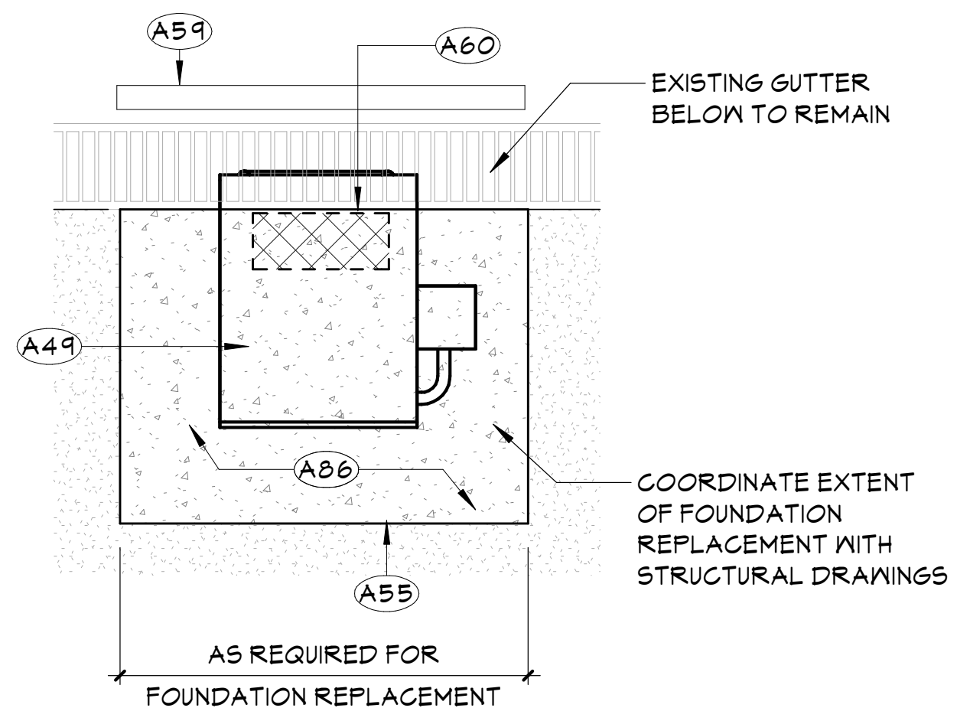
TIMING SYSTEM - PACE CLOCKS
BASIS OF DESIGN:
- MANUFACTURER - SWIMNERD
- MODEL - DIGITAL PACE CLOCK
- SIZE - 30" WIDE X 12" HIGH X 2 1/2" DEEP
- FEATURES - WIFI AND BLUETOOTH COMPATIBILITY

TIMING SYSTEM - IN-POOL TOUCH PADS & HARNESSES
BASIS OF DESIGN:
- MANUFACTURER - COLORADO TIME SYSTEMS
- MODEL - AQUAGRIP
- SIZE - 60" WIDE X 24" HIGH
- CONSTRUCTION - NON-SKID SURFACE
- HARNESSES - 6-LANES, 10-FT CABLE W/ MOLDED CONNECTOR
- FEATURES - INTERNAL FULL FACE SWITCH

TIMING SYSTEM - DECK PLATES
BASIS OF DESIGN:
- MANUFACTURER - COLORADO TIME SYSTEMS
- MODEL - TITANIUM DECKPLATE (TDP)
- SIZE - 7 1/2" X 7 1/2" PLATE
- CONSTRUCTION - CORROSION RESISTANT HOUSING
- FEATURES - PLUG-IN CONNECTIONS FOR TOUCHPADS, BACKUP PUSH BUTTONS, ELECTRIC JUDGING, START SPEAKERS, AND SIGNAL TO START

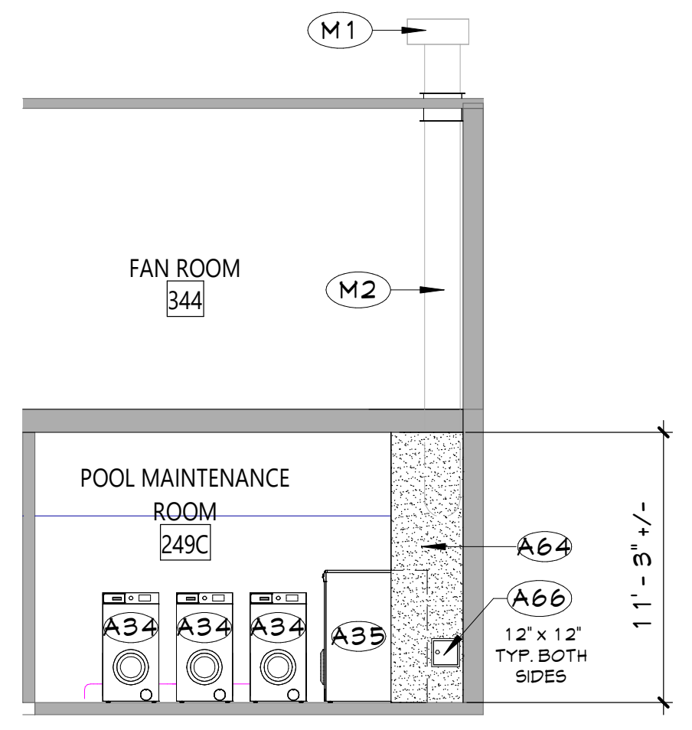
TIMING SYSTEM - CONTROL CONSOLE
BASIS OF DESIGN:
- MANUFACTURER - COLORADO TIME SYSTEMS
- MODEL - SYSTEM 6
- FEATURES - SPLIT HANDLING, MEET MANAGEMENT, ELECTRIC JUDGING, START REACTION, DECLARE START/FINISH, USB FUNCTIONALITY, BACKUP TIME ADJUSTMENT AND RECHARGEABLE BATTERY

POOL LIFT - ADA COMPLIANT POOL LIFT
BASIS OF DESIGN:
- MANUFACTURER - SR SMITH
- MODEL - PAL2 POOL LIFT
- FEATURES - INTERGRATED ARM RESTS, ONE-PERSON OPERATION, 240 DEGREE ROTATION, 300LB LIFT CAPACITY MINIMUM, 24-VOLT RECHARABLE BATTERY, STAINLESS STEEL/ALUMINUM ASSEMBLY, POOL LIFT COVER, POOL LIFT AVAILABILITY SIGN, SPINE BOARD ATTACHMENT, AND POOL LIFT STABILITY STRAP.

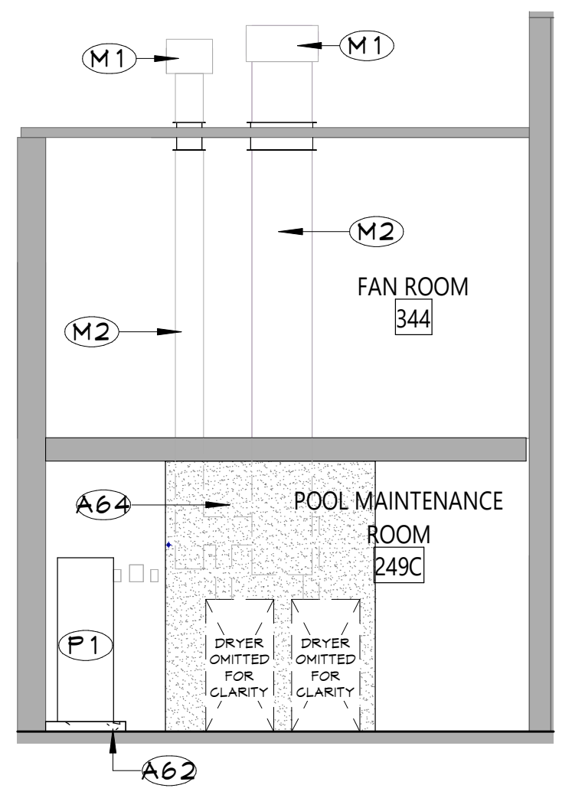


A59
A60
EXISTING GUTTER BELOW TO REMAIN
A49
A86
COORDINATE EXTENT OF FOUNDATION REPLACEMENT WITH STRUCTURAL DRAWINGS
A55
AS REQUIRED FOR FOUNDATION REPLACEMENT

4 STARTING BLOCKS - NEW WORK
A626 1/2" = 1'-0"

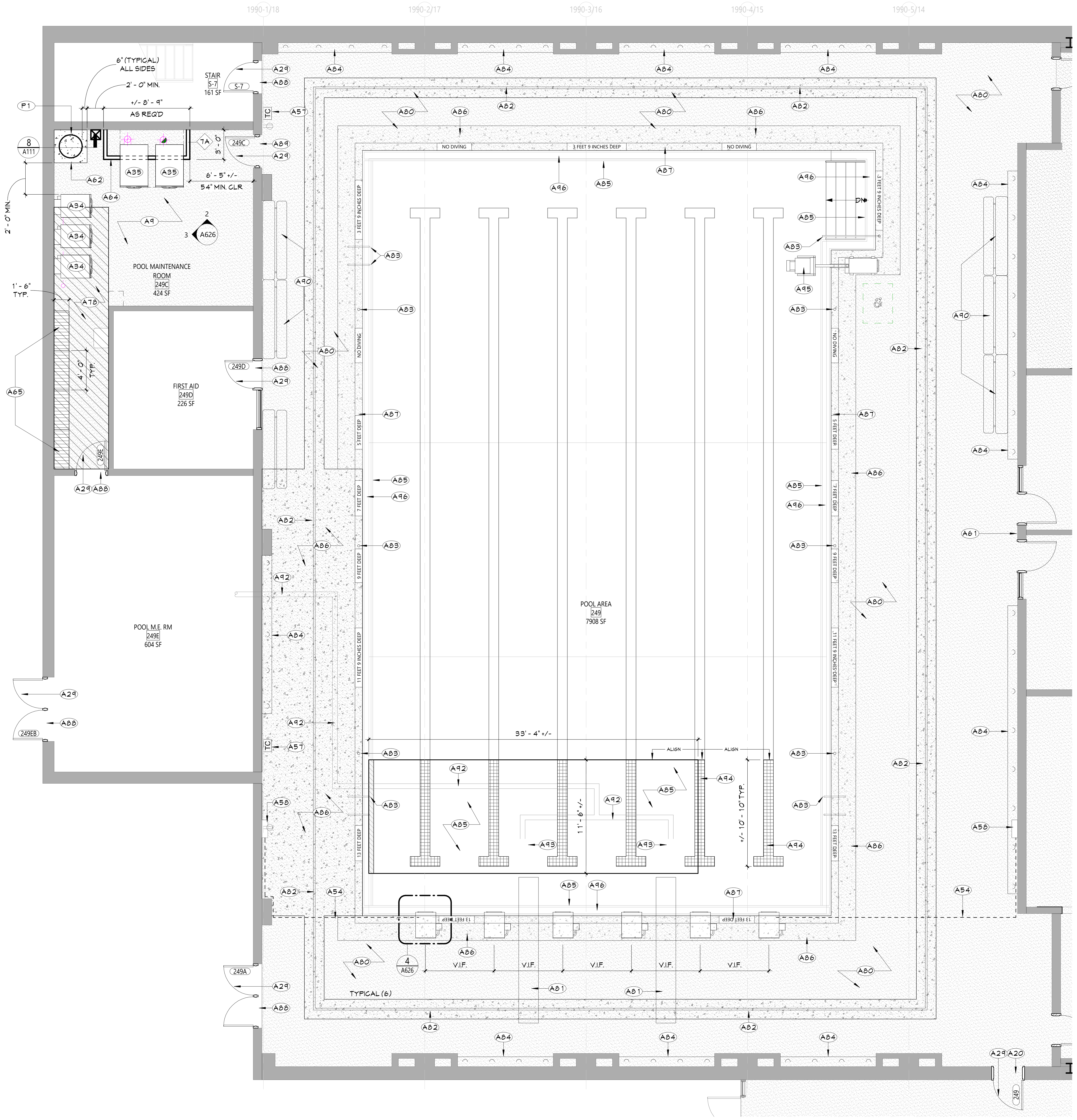


3 POOL SUPPLY ROOM ELEV. B
A626 1/8" = 1'-0"



M1
M1
M2
FAN ROOM 344
M2
A64
POOL MAINTENANCE ROOM 249C
P1
DRYER OMITTED FOR CLARITY
DRYER OMITTED FOR CLARITY
A62

2 POOL SUPPLY ROOM ELEV. A
A626 1/8" = 1'-0"



1 POOL AREA - NEW WORK PLAN
A626 3/16" = 1'-0"

NEW WORK KEYNOTES

	Description
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A29	PROVIDE NEW DOOR, DOOR HARDWARE, AND DOOR FRAME IN EXISTING OPENING. REFER TO DOOR SCHEDULE.
A34	PROVIDE NEW WASHER AS SPECIFIED. COORDINATE UTILITY CONNECTIONS WITH MEP DRAWINGS.
A35	PROVIDE NEW DRYER AS SPECIFIED. COORDINATE UTILITY CONNECTIONS WITH MEP DRAWINGS.
A49	PROVIDE NEW STARTING BLOCKS ALIGNED TO EXISTING SWIMMING LANES AS SPECIFIED. COORDINATE WITH STRUCTURAL AND POOL DRAWINGS. PROVIDE GROUNDING/BONDING OF EACH STARTING BLOCK AS REQUIRED BY DIVISION 26 SPECIFICATIONS.
A54	TIMING SYSTEM CABLING BELOW SLAB IN EXISTING 2 1/2" PVC CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS.
A55	NEW STARTING BLOCK FOUNDATION. COORDINATE WITH STRUCTURAL DRAWINGS.
A57	PROVIDE NEW PACE CLOCK. REFER TO PRODUCT SPECIFICATION ON THIS PAGE. INTEGRATE WITH TIMING SYSTEM AND SCOREBOARD.
A58	EXISTING TIMING SYSTEM WALL PLATE TO REMAIN. PROTECT DURING NEW INSTALLATIONS.
A59	PROVIDE NEW IN-POOL TOUCH PADS AND ASSOCIATED CABLE HARNESSES. REFER TO PRODUCT SPECIFICATION ON THIS PAGE. INTEGRATE WITH TIMING SYSTEM AND SCOREBOARD.
A60	PROVIDE NEW TIMING SYSTEM DECK PLATES. REFER TO PRODUCT SPECIFICATION ON THIS PAGE. INTEGRATE WITH TIMING SYSTEM AND SCOREBOARD.
A61	PROVIDE NEW TIMING SYSTEM CONTROL CONSOLE. REFER TO PRODUCT SPECIFICATION ON THIS PAGE. INTEGRATE WITH TIMING SYSTEM AND SCOREBOARD.
A62	PROVIDE NEW RAISED CONCRETE EQUIPMENT PAD. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
A64	PROVIDE NEW CHASE ENCLOSURE FROM EXISTING FLOOR TO ELEVATION NOTED AND BACK TO WALL. CUT OUT OPENINGS IN CHASE AROUND DRYERS. PROVIDE SEALANT AT ALL EDGES OF CHASE ENCLOSURE INCLUDING SEALANT AT WALLS, FLOOR SLABS, AND DRYER HOUSING. PROVIDE ACCESS PANELS AS INDICATED ON DETAILS. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A65	PROVIDE NEW MOBILE STORAGE RACK AS SPECIFIED IN SECTION 105626.
A66	PROVIDE NEW STAINLESS STEEL WALL ACCESS HATCH. SIZE AS INDICATED.
A78	PROVIDE PATCHING OF CONCRETE SLAB ABOVE NEW PIPING WITH NEW 4,000 PSI CONCRETE PRIOR TO FLOOR FINISH INSTALLATION. COORDINATE WITH PLUMBING DRAWINGS.
A80	PROVIDE EPOXY RESINOUS FLOORING AT POOL DECK OVER FLOOR TILE. MAINTAIN SLOPE TO THE EXISTING DRAIN SYSTEMS. PROVIDE EPOXY WALL BASE OVER EXISTING TILE WALL BASE. INSTALL PER MANUFACTURERS RECOMMENDATIONS. PROVIDE CEMENTITIOUS UNDERLAYMENT AS NEEDED TO INFILL FROM TILE/MORTAR REMOVAL.
A81	REINSTALL DIVING BOARDS FOLLOWING INSTALLATION OF EPOXY FLOORING.
A82	PROVIDE NEW DECK DRAIN WHERE INDICATED. COORDINATE WITH POOL DRAWINGS. PROVIDE CONCRETE SLAB PATCHING AS REQUIRED AROUND NEW DECK DRAINS. COORDINATE WITH STRUCTURAL. PROVIDE TILE OVER NEW CONCRETE SLAB TO ALIGN WITH EXISTING TILE SCHEDULED TO REMAIN.
A83	REINSTALL LADDERS, RAILING, AND STEEL POSTS AND SLEEVES.
A84	REINSTALL WALL MOUNTED BENCHES AS REQUIRED.
A85	REPAIR PORTIONS OF POOL SHELL AS INDICATED, INCLUDING AREAS REMOVED TO ACCOMMODATE POOL GUTTER REPLACEMENTS. PROVIDE 1" POOL TILE TO MATCH EXISTING WHERE SHELL WAS REPAIRED. COORDINATE LOCATIONS WITH STRUCTURAL AND POOL DRAWINGS.
A86	REPAIR PORTIONS OF POOL DECK AS INDICATED, INCLUDING AREAS REMOVED TO ACCOMMODATE POOL GUTTER REPLACEMENTS. PROVIDE CEMENTITIOUS UNDERLAYMENT AS NEEDED TO ALIGN TO EXISTING TILE TO REMAIN AND TO ACCEPT NEW EPOXY RESINOUS FLOORING. COORDINATE LOCATIONS WITH STRUCTURAL AND POOL DRAWINGS.
A87	PROVIDE NEW FLOOR TILE INCLUDING NEW DEPTH MARKERS WHERE REMOVED AROUND THE ENTIRE PERIMETER OF POOL. MATCH ELEVATIONS OF NEW DEPTH MARKERS WITH EXISTING. PITCH MORTAR BED BELOW TILE TO DRAIN TO POOL. SEE DEPTH MARKER AND TILE DETAILS.
A88	PROVIDE NEW ADA COMPLIANT STAINLESS STEEL THRESHOLD.
A89	PROVIDE ADA COMPLIANT EPOXY THRESHOLD. SEE MANUFACTURERS SPECIFICATIONS.
A90	REINSTALL BLEACHERS PER DIRECTION OF OWNER.
A92	NEW POOL MAIN DRAIN PIPING. COORDINATE WITH POOL DRAWINGS.
A93	NEW POOL MAIN DRAIN COVERS. COORDINATE WITH POOL DRAWINGS.
A94	PROVIDE 1" POOL TILE AT SWIMMING LANE WHERE EXISTING TILE WAS REMOVED TO ALIGN WITH POOL SHELL REMOVAL. TILE TO MATCH EXISTING.
A95	PROVIDE NEW ADA COMPLIANT MOBILE POOL LIFT. REFER TO PRODUCT SPECIFICATION ON THIS PAGE.
A96	NEW POOL GUTTERS. COORDINATE WITH POOL DRAWINGS.
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS

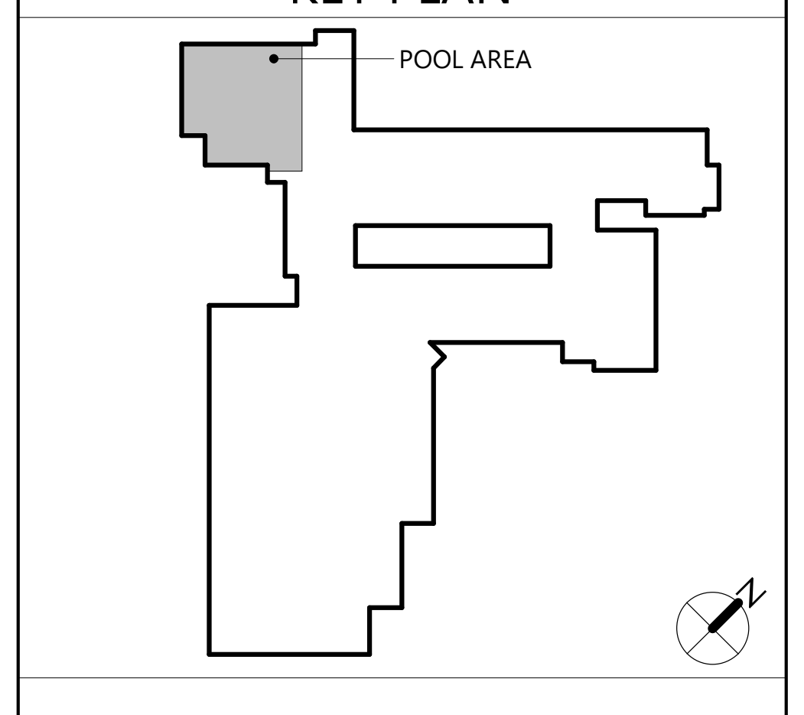
NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK LEGEND

⁘	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
⁘	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

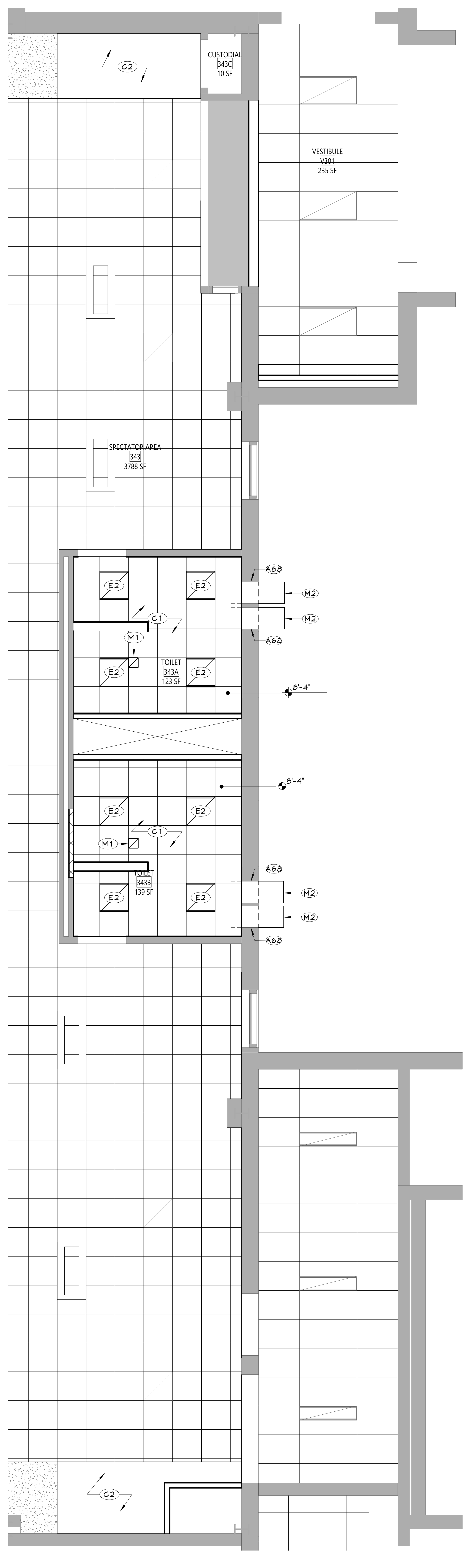
Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
POOL AREA - NEW WORK PLAN & INT. ELEVATIONS

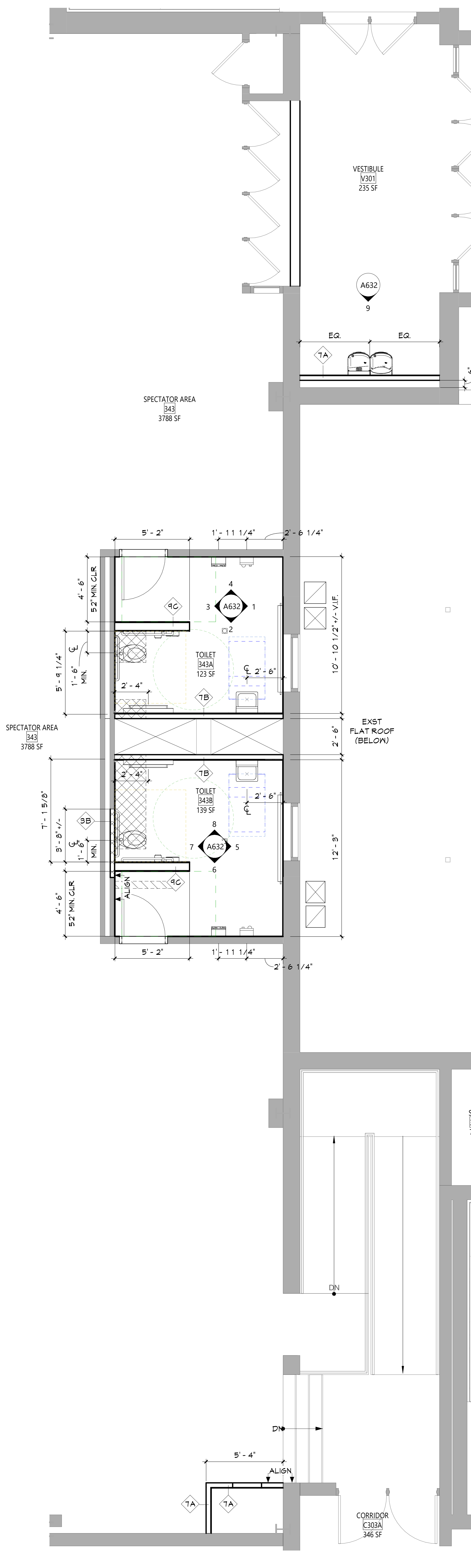
Sheet No.
WHS A626

CONSTRUCTION DOCUMENTS

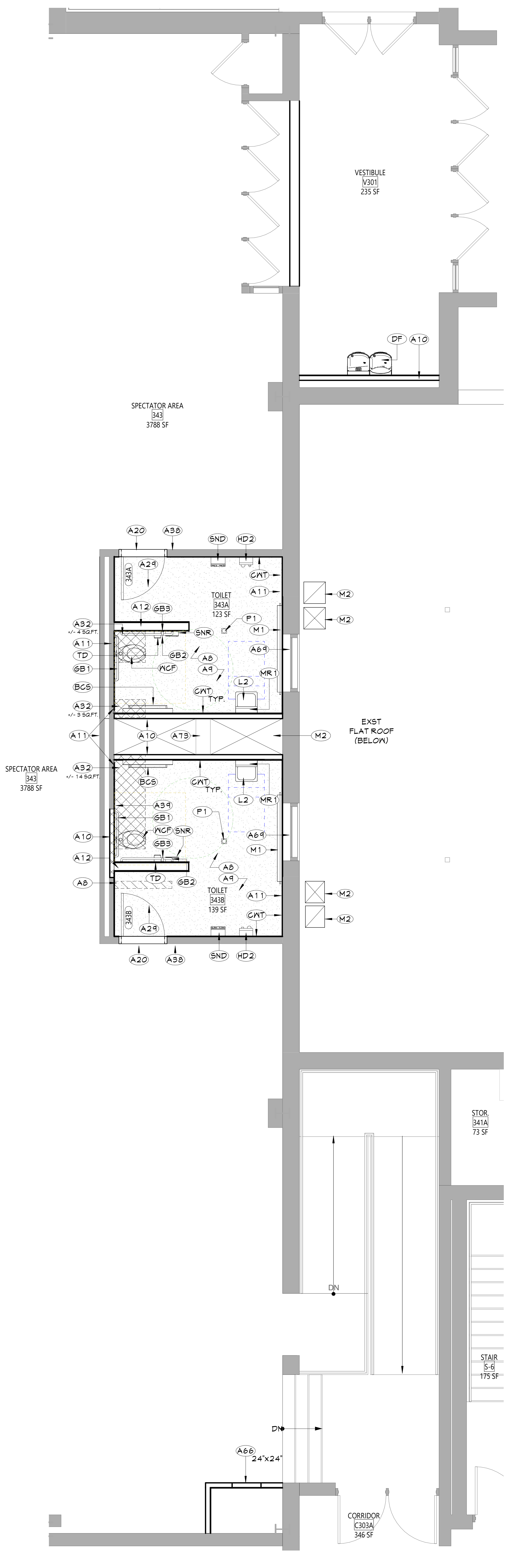
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



3 SPECTATOR AREA - NEW WORK RCP
A631 1/4" = 1'-0"



2 SPECTATOR AREA - DIMENSION PLAN
A631 1/4" = 1'-0"



1 SPECTATOR AREA - NEW WORK PLAN
A631 1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
▦	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
⊕ +X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⧄	2'x4' LIGHT FIXTURE
⧄	2'x2' LIGHT FIXTURE
⧄	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

	Description
A8	PROVIDE PATCHING OF CERAMIC FLOOR TILE WHERE NECESSARY TO ACHIEVE LEVEL SURFACE FOR FINISHED FLOORING.
A9	PROVIDE EPOXY RESINOUS FLOORING AND INTEGRAL WALL BASE. REFER TO AF SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A10	PROVIDE NEW CHASE WALL. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A11	PROVIDE WALL PATCHING, PRIME, AND PAINT AT LOCATION OF REMOVED ACCESSORY AND/OR PLUMBING FIXTURE TO MATCH ADJACENT EXISTING CONSTRUCTION AND FINISH.
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A20	PROVIDE NEW ADA COMPLIANT MARBLE THRESHOLD.
A29	PROVIDE NEW DOOR, DOOR HARDWARE, AND DOOR FRAME IN EXISTING OPENING. REFER TO DOOR SCHEDULE.
A32	AT AREA OF REMOVED PLUMBING FIXTURE, PROVIDE PATCHING OF CONCRETE SLAB WITH NEW 4,000 PSI CONCRETE TO MATCH EXISTING ADJACENT PRIOR TO EPOXY FLOORING APPLICATION. COORDINATE WITH PLUMBING DRAWINGS.
A38	PROVIDE NEW WALL MOUNTED PANEL SIGNAGE. SEE AF701 FOR ADDITIONAL DETAILS.
A39	PROVIDE WALL PATCHING, PRIME, AND PAINT AT THE LOCATION OF EXISTING WALL FINISH AND NEW PARTITION FINISH CONNECTION. ALIGN NEW PARTITION FINISH TO BE FLUSH WITH EXISTING WALL FINISH.
A66	PROVIDE NEW STAINLESS STEEL WALL ACCESS HATCH. SIZE AS INDICATED.
A68	PROVIDE NEW STEEL LINTEL AT NEW DUCTWORK PENTRATON AND SEAL EDGES COMPLETELY. COORDINATE WITH STRUCTURAL & MECHANICAL DRAWINGS.
A69	PROVIDE FROSTED WHITE PRIVACY FILM OVER EXISTING WINDOW MANUFACTURED BY ULINE OR APPROVED EQUAL.
A73	EXISTING CONCRETE BEAM TO REMAIN. COORDINATE WITH STRUCTURAL DRAWINGS.
BCS	BABY CHANGING STATION. BASIS OF DESIGN IS KOALA KARE KB300.
C1	PROVIDE NEW ACOUSTICAL PANEL CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES.
C2	PROVIDE NEW PAINTED GYPSUM BOARD CEILING SYSTEM AS SPECIFIED. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CEILING TYPES.
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
E2	LIGHTING FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
M2	MECHANICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
P1	PLUMBING FIXTURE. COORDINATE WITH PLUMBING DRAWINGS
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SNR	SANITARY NAPKIN WASTE RECEPTACLE (OWNER FURNISHED, CONTRACTOR INSTALLED)
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
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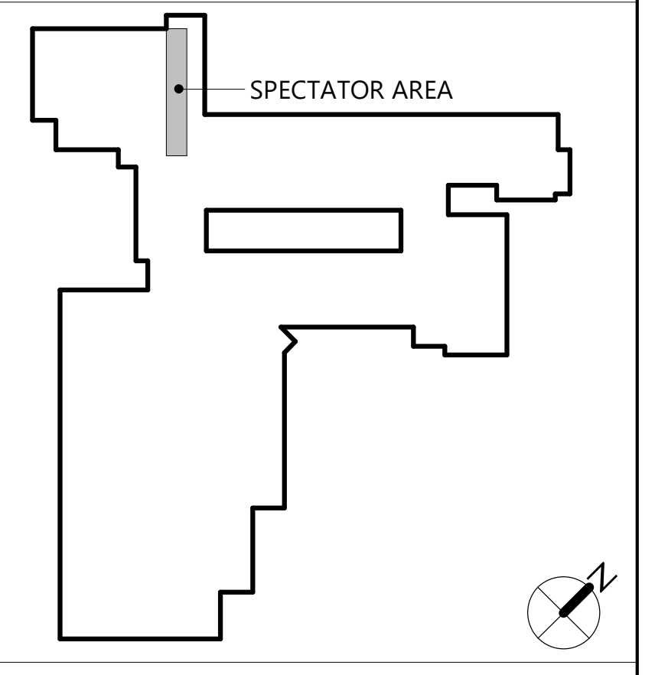
NEW WORK LEGEND

▨	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▧	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
▨	NEW EPOXY FLOORING. SEE AF SHEETS FOR ADDITIONAL INFO.
▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

1. HEIGHTS SHOWN ARE TYPICAL AND THEY DO NOT NECESSARILY SHOW ALL EQUIPMENT SCHEDULED TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

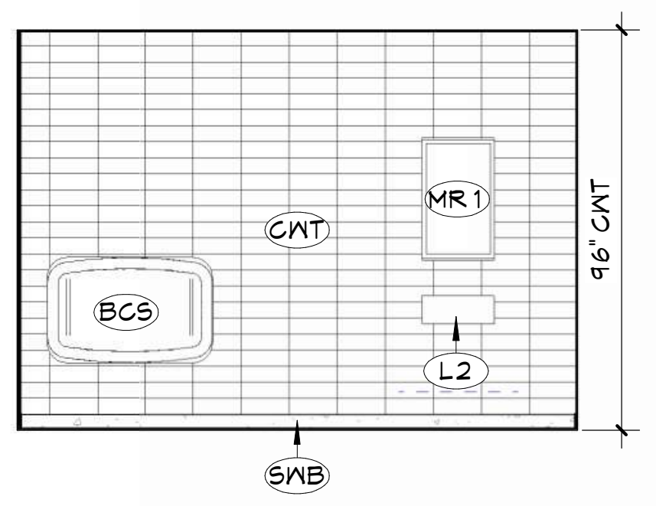
Sheet Title

SPECTATOR AREA - NEW WORK PLANS

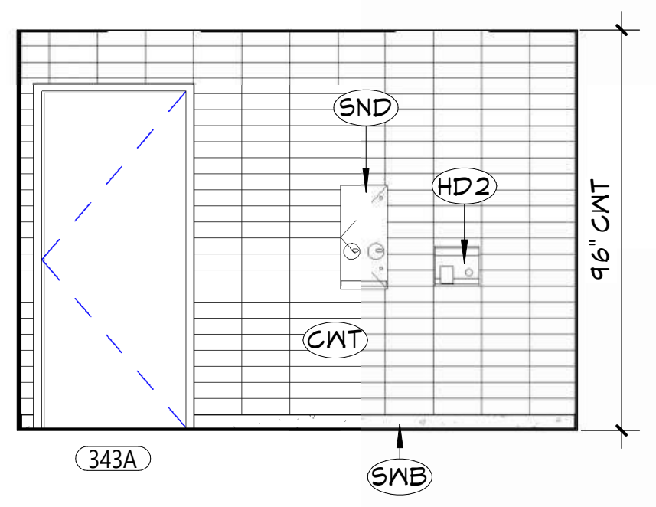
Sheet No.

WHS
A631

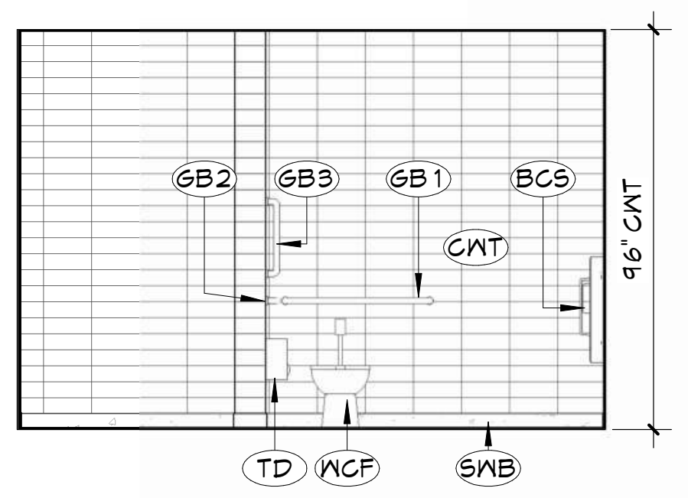
CONSTRUCTION DOCUMENTS



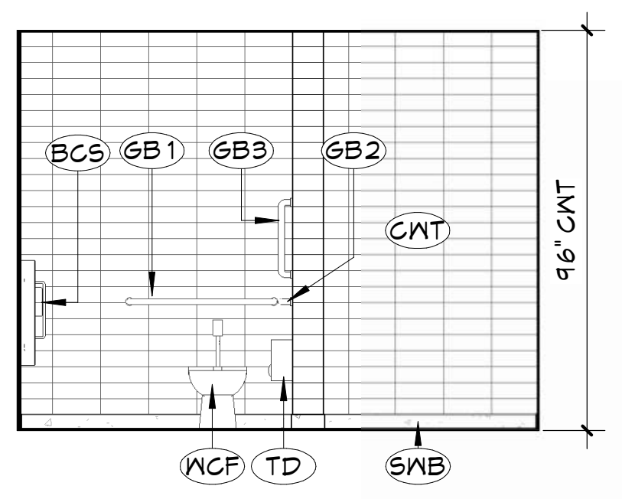
8 TOILET 343B - WEST
A632 1/4" = 1'-0"



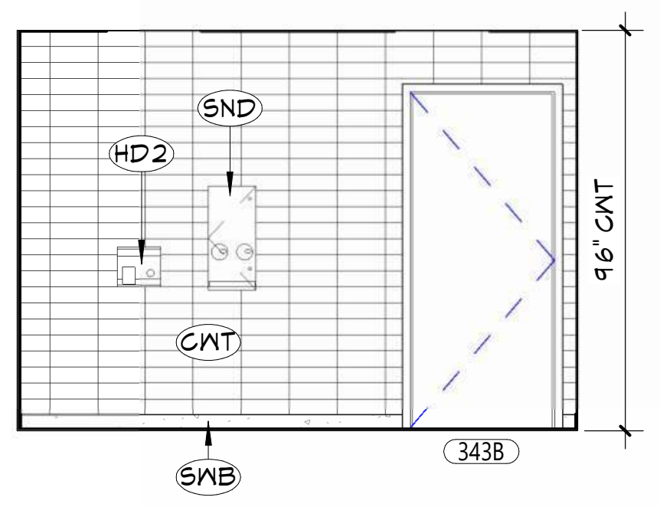
4 TOILET 343A - WEST
A632 1/4" = 1'-0"



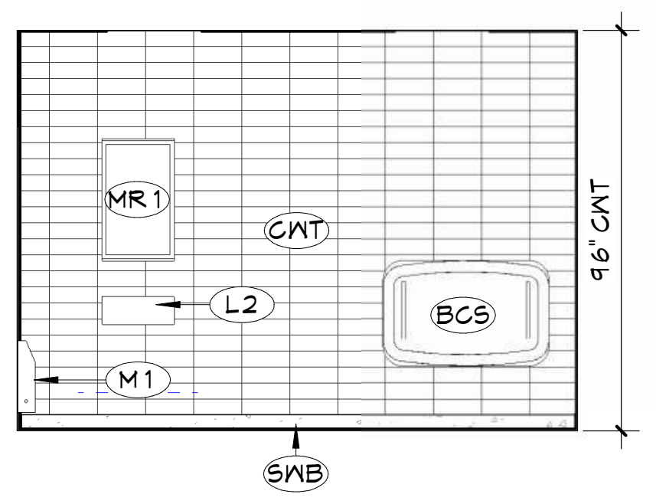
7 TOILET 343B - SOUTH
A632 1/4" = 1'-0"



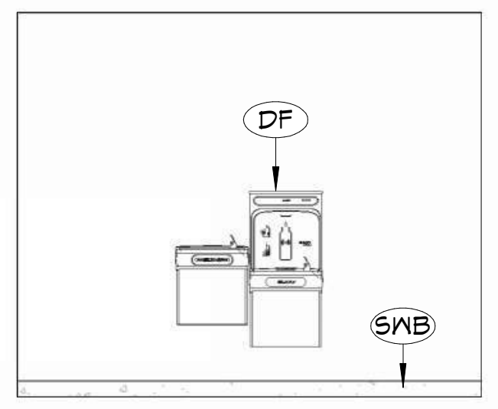
3 TOILET 343A - SOUTH
A632 1/4" = 1'-0"



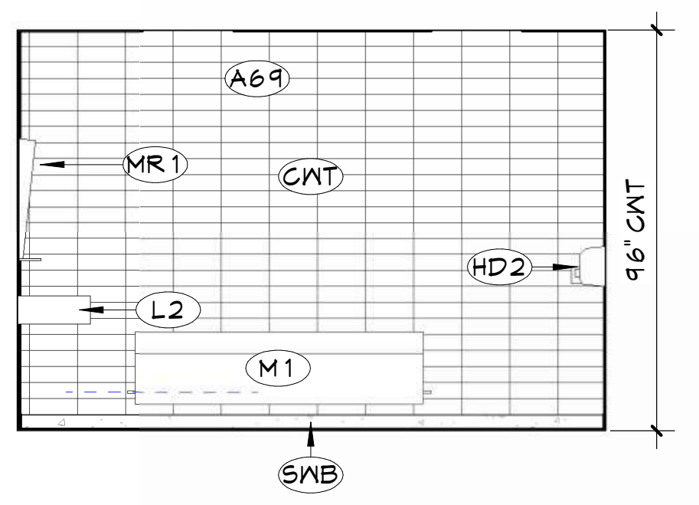
6 TOILET 343B - EAST
A632 1/4" = 1'-0"



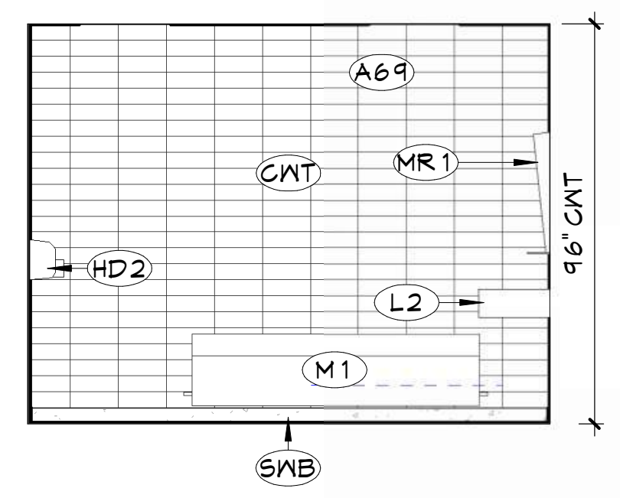
2 TOILET 343A - EAST
A632 1/4" = 1'-0"



9 VEST. V301 DRINKING FOUNTAIN
A632 1/4" = 1'-0"



5 TOILET 343B - NORTH
A632 1/4" = 1'-0"



1 TOILET 343A - NORTH
A632 1/4" = 1'-0"

NEW WORK KEYNOTES

	Description
A69	PROVIDE FROSTED WHITE PRIVACY FILM OVER EXISTING WINDOW MANUFACTURED BY ULINE OR APPROVED EQUAL.
BCS	BABY CHANGING STATION. BASIS OF DESIGN IS KOALA KARE KB300.
CWT	CERAMIC WALL TILE, COORDINATE WITH AF SERIES DRAWINGS
GB1	36" GRAB BAR AS SPECIFIED
GB2	42" GRAB BAR AS SPECIFIED
GB3	18" VERTICAL GRAB BAR AS SPECIFIED
HD2	NEW ELECTRICAL HAND DRYER IN EXISTING PARTITION, ROUT-OUT NEW PATHWAY IN EXISTING CMU TO ACCOMMODATE NEW CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS
L2	LAVATORY, ADA HEIGHT, WALL MOUNTED. COORDINATE WITH PLUMBING DRAWINGS"
M1	MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS
MR1	18"X30" CHANNEL FRAMED GLASS MIRROR AS SPECIFIED
SND	SANITARY NAPKIN AND TAMPON DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
SWB	SCHEDULED WALL BASE
TD	TOILET PAPER DISPENSER (OWNER FURNISHED, CONTRACTOR INSTALLED)
WCF	WATER CLOSET, FLOOR MOUNTED. COORDINATE WITH PLUMBING DRAWINGS

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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NEW WORK LEGEND

░	NEW CONCRETE POOL DECK AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFO.
▨	NEW CONCRETE POOL SHELL AND CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.
⬚	ADA CLEARANCES PER ICC/ANSI A117.1 NOTE: NOT ALL REQUIRED CLEARANCES SHOWN. VERIFY WITH SHEET A601/ANSI A117.1 AS REQUIRED.
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▦	NEW CERAMIC TILE. SEE KEYNOTES FOR ADDITIONAL INFO.

TOILET ROOM NOTES

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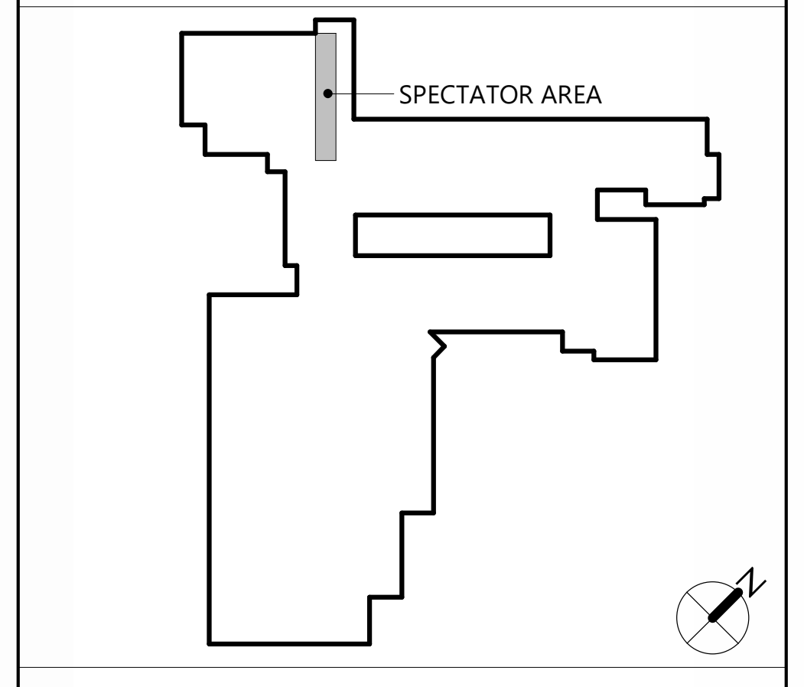
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AND HORIZONTALLY GENERALLY THROUGHOUT THE PROJECT.
3. DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNLESS NOTED OTHERWISE.
4. DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
6. INSTALL PRESSURE TREATED WOOD BLOCKING OR METAL STRAPPING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By: SI
Checked By: DM
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/25

Sheet Title

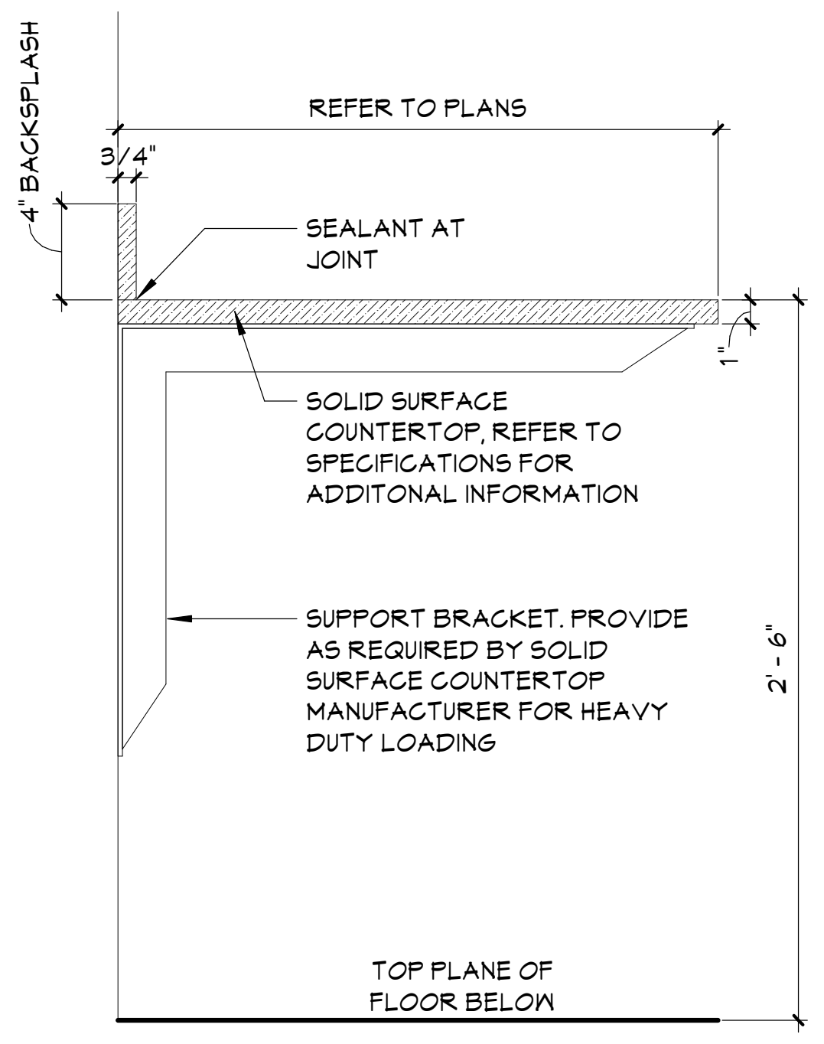
SPECTATOR AREA - NEW WORK INT. ELEVATIONS

Sheet No.

WHS
A632

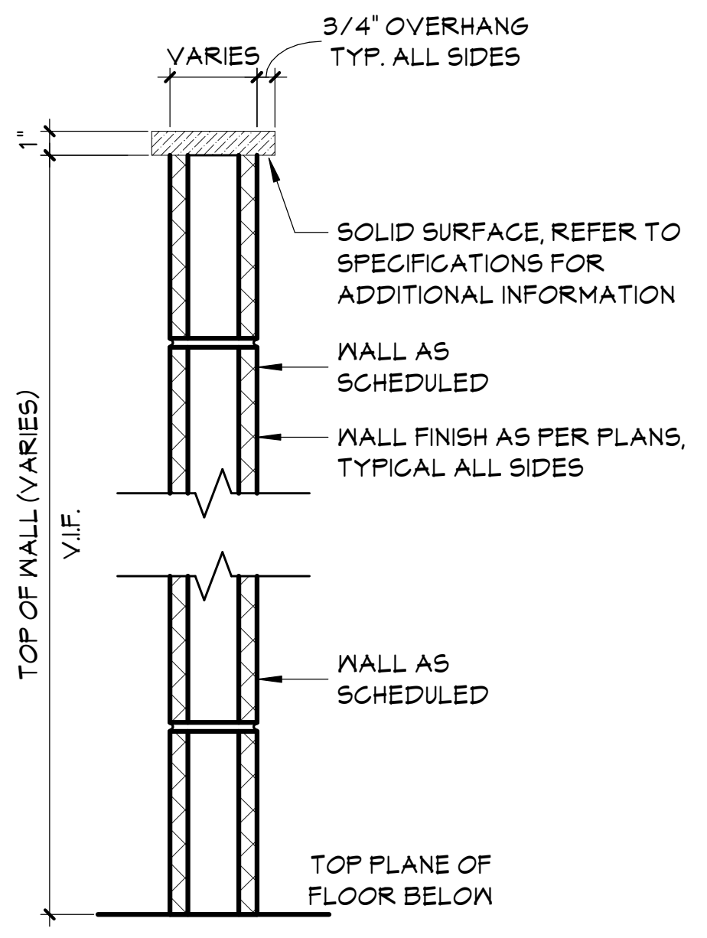
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt


4" BACKSPLASH
3/4"
REFER TO PLANS
SEALANT AT JOINT
1"
SOLID SURFACE COUNTERTOP, REFER TO SPECIFICATIONS FOR ADDITONAL INFORMATION
SUPPORT BRACKET. PROVIDE AS REQUIRED BY SOLID SURFACE COUNTERTOP MANUFACTURER FOR HEAVY DUTY LOADING
2' - 6"
TOP PLANE OF FLOOR BELOW

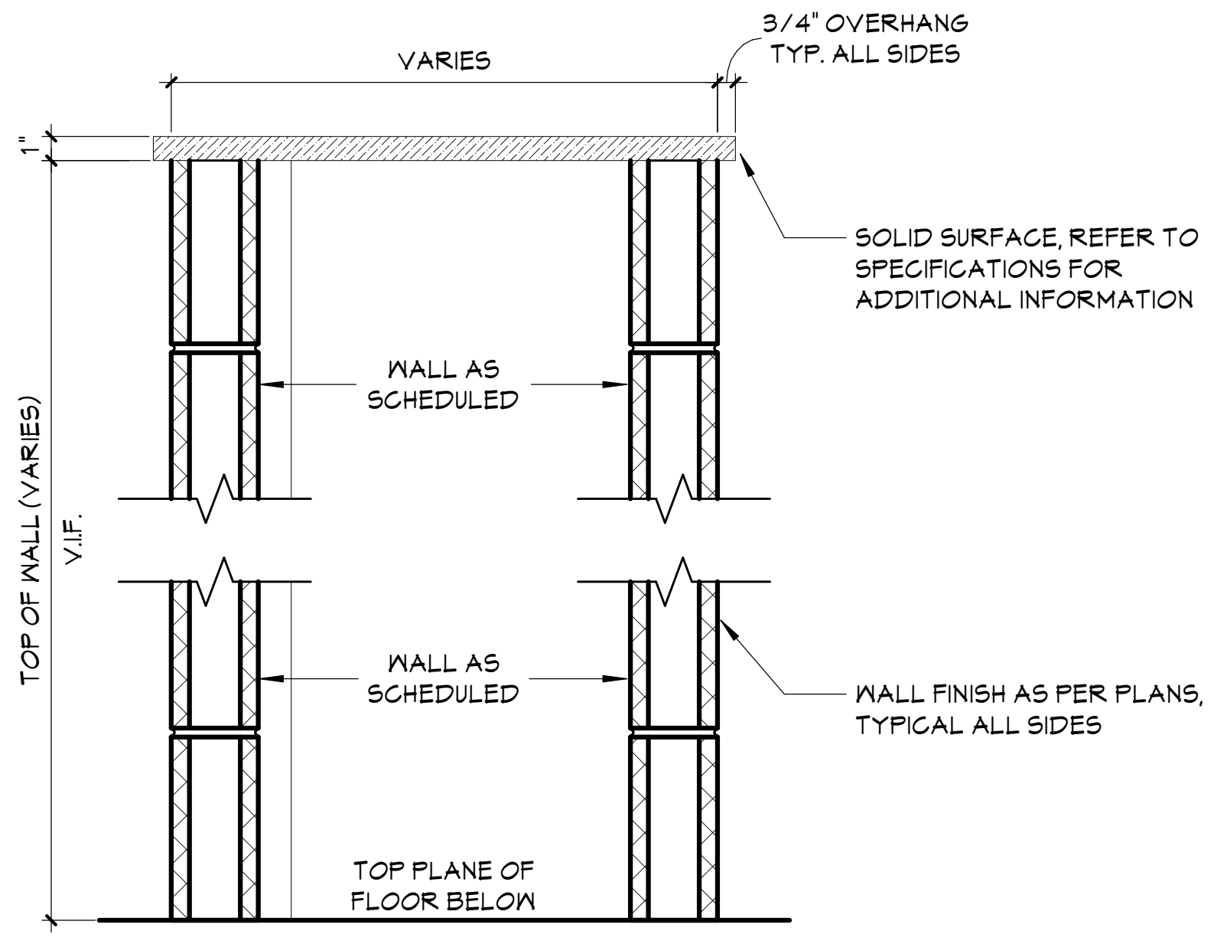
6 SOLID SURFACE COUNTER DETAIL

A650 1 1/2" = 1'-0"


VARIES
3/4" OVERHANG TYP. ALL SIDES
1"
SOLID SURFACE, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
WALL AS SCHEDULED
WALL FINISH AS PER PLANS, TYPICAL ALL SIDES
TOP OF WALL (VARIES) V.I.F.
WALL AS SCHEDULED
TOP PLANE OF FLOOR BELOW

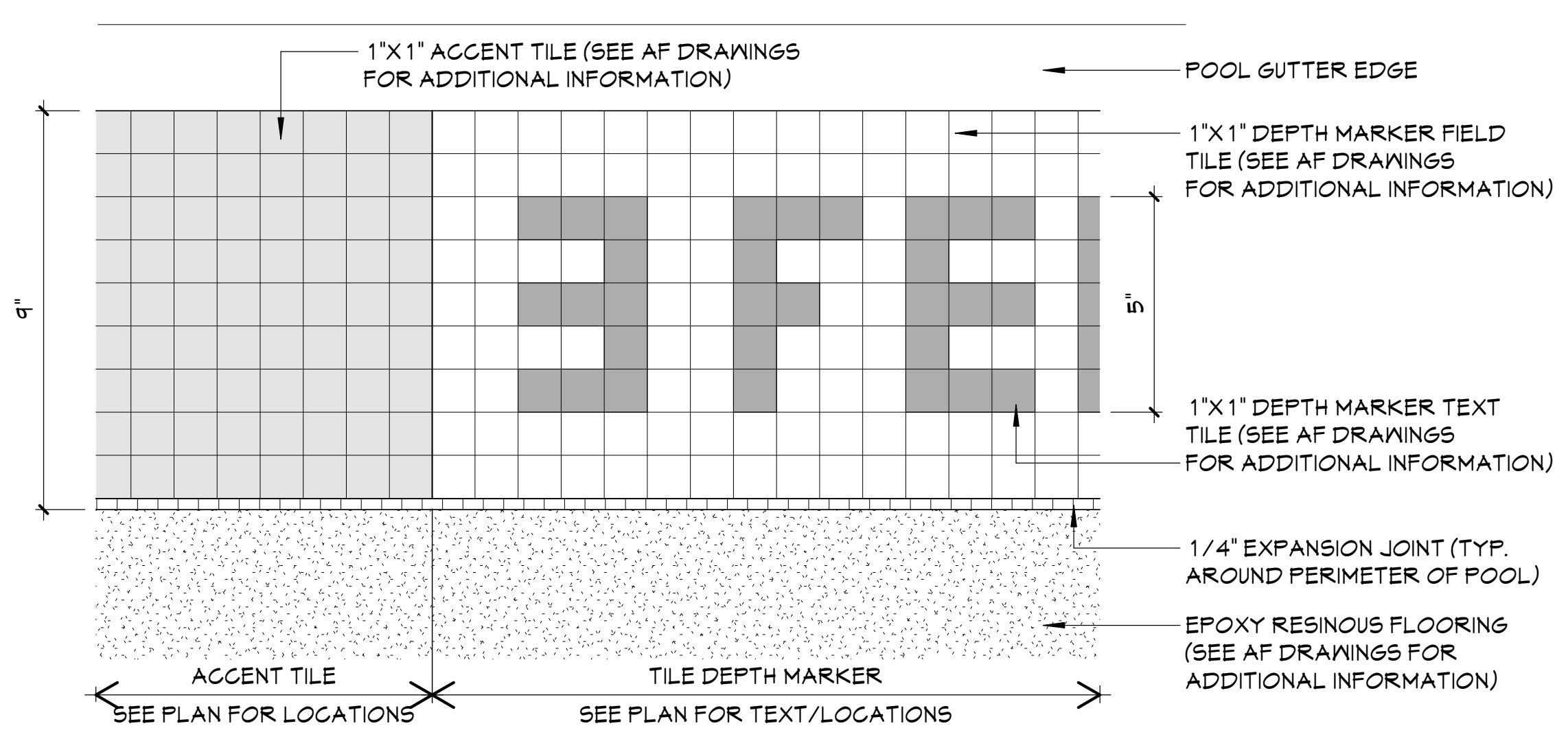
5 SOLID SURFACE CAP AT MASONRY WALL

A650 1 1/2" = 1'-0"


VARIES
3/4" OVERHANG TYP. ALL SIDES
1"
SOLID SURFACE, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
WALL AS SCHEDULED
TOP OF WALL (VARIES) V.I.F.
WALL AS SCHEDULED
WALL FINISH AS PER PLANS, TYPICAL ALL SIDES
TOP PLANE OF FLOOR BELOW

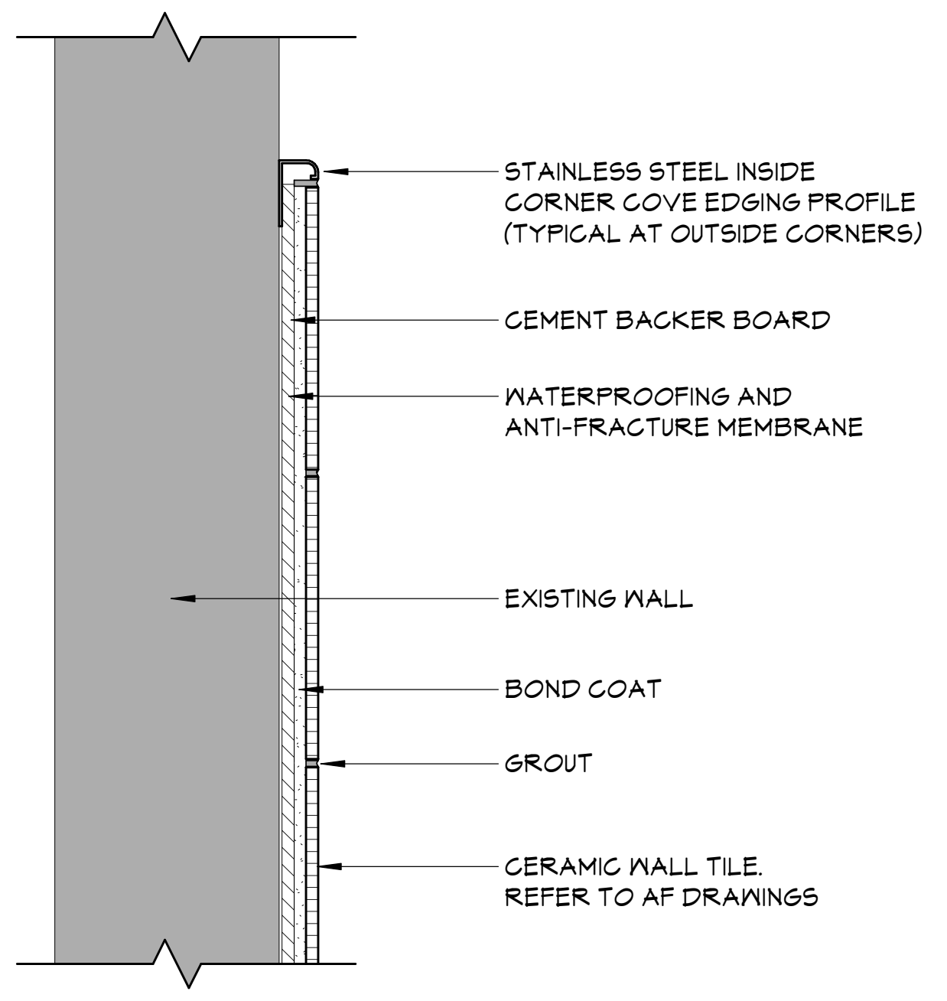
4 SOLID SURFACE CAP AT CHASE WALL

A650 1 1/2" = 1'-0"


1"X1" ACCENT TILE (SEE AF DRAWINGS FOR ADDITIONAL INFORMATION)
POOL GUTTER EDGE
1"X1" DEPTH MARKER FIELD TILE (SEE AF DRAWINGS FOR ADDITIONAL INFORMATION)
9"
5"
1"X1" DEPTH MARKER TEXT TILE (SEE AF DRAWINGS FOR ADDITIONAL INFORMATION)
1/4" EXPANSION JOINT (TYP. AROUND PERIMETER OF POOL)
EPOXY RESINOUS FLOORING (SEE AF DRAWINGS FOR ADDITIONAL INFORMATION)
ACCENT TILE
SEE PLAN FOR LOCATIONS
TILE DEPTH MARKER
SEE PLAN FOR TEXT/LOCATIONS

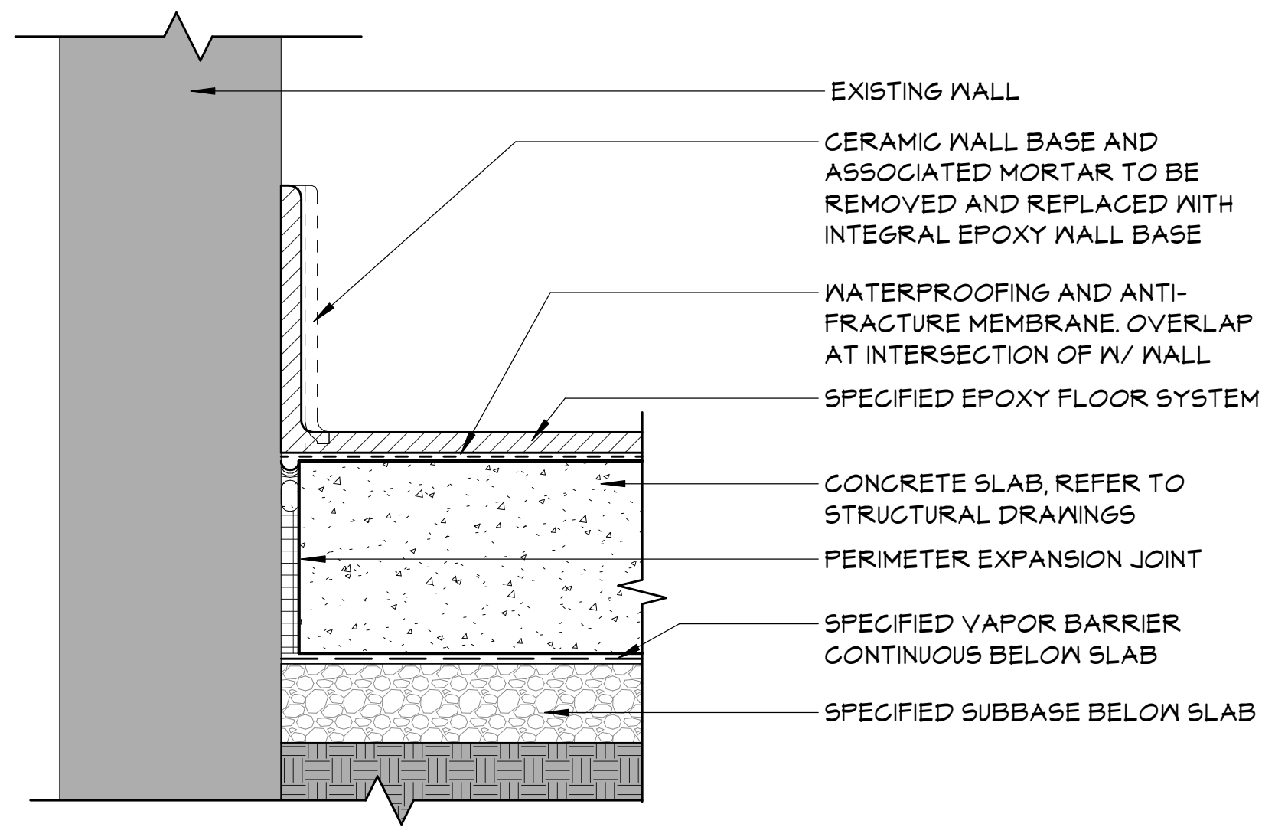
3 TYP. TILE DEPTH MARKER

A650 3" = 1'-0"


STAINLESS STEEL INSIDE CORNER COVE EDGING PROFILE (TYPICAL AT OUTSIDE CORNERS)
CEMENT BACKER BOARD
WATERPROOFING AND ANTI-FRACTURE MEMBRANE
EXISTING WALL
BOND COAT
GROUT
CERAMIC WALL TILE. REFER TO AF DRAWINGS

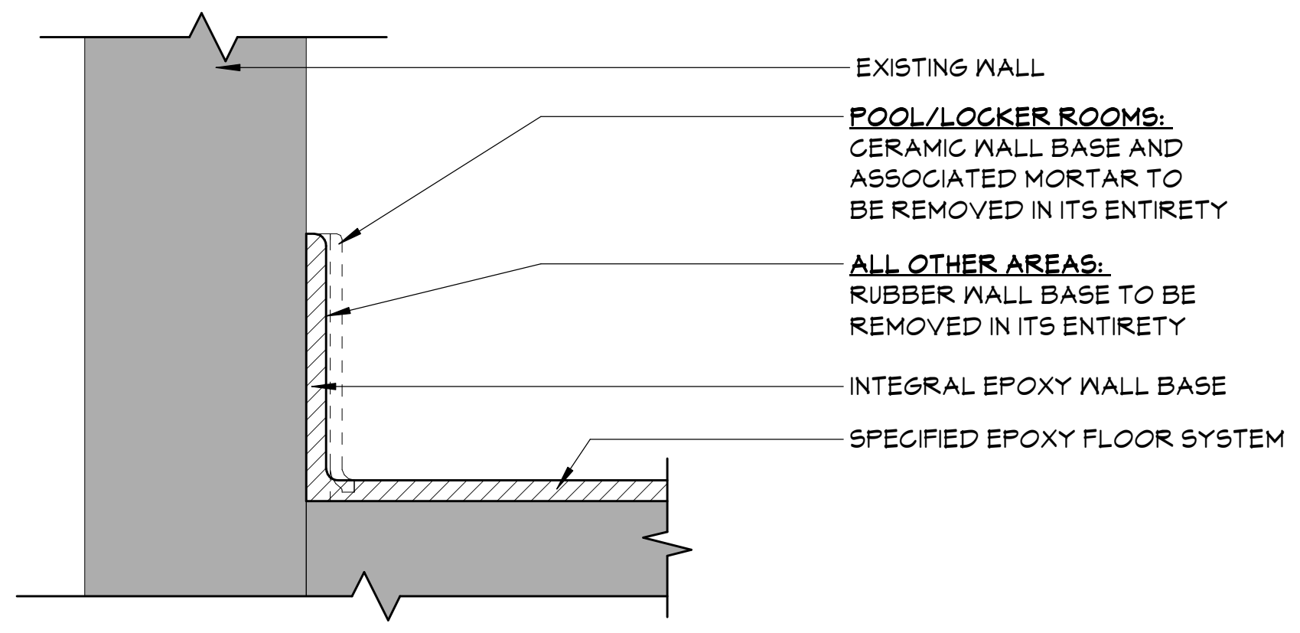
2 PARTIAL HEIGHT WALL TILE (EXISTING SUBSTRATES)

A650 3" = 1'-0"


EXISTING WALL
CERAMIC WALL BASE AND ASSOCIATED MORTAR TO BE REMOVED AND REPLACED WITH INTEGRAL EPOXY WALL BASE
WATERPROOFING AND ANTI-FRACTURE MEMBRANE. OVERLAP AT INTERSECTION OF W/ WALL
SPECIFIED EPOXY FLOOR SYSTEM
CONCRETE SLAB, REFER TO STRUCTURAL DRAWINGS
PERIMETER EXPANSION JOINT
SPECIFIED VAPOR BARRIER CONTINUOUS BELOW SLAB
SPECIFIED SUBBASE BELOW SLAB

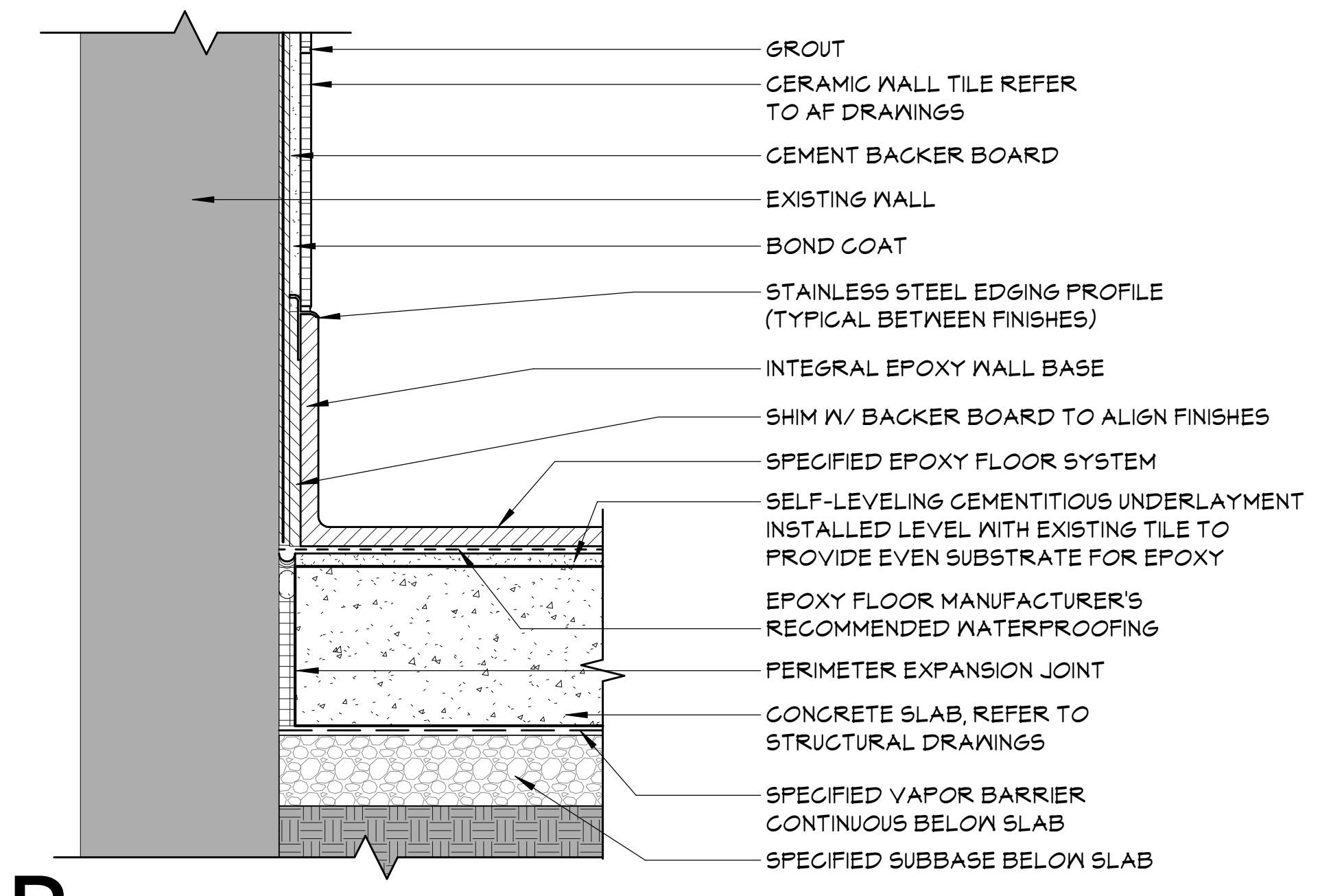
1D NEW SLAB & EPOXY W/ INTEGRAL BASE (POOL)

A650 3" = 1'-0"


EXISTING WALL
POOL/LOCKER ROOMS:
CERAMIC WALL BASE AND ASSOCIATED MORTAR TO BE REMOVED IN ITS ENTIRETY
ALL OTHER AREAS:
RUBBER WALL BASE TO BE REMOVED IN ITS ENTIRETY
INTEGRAL EPOXY WALL BASE
SPECIFIED EPOXY FLOOR SYSTEM

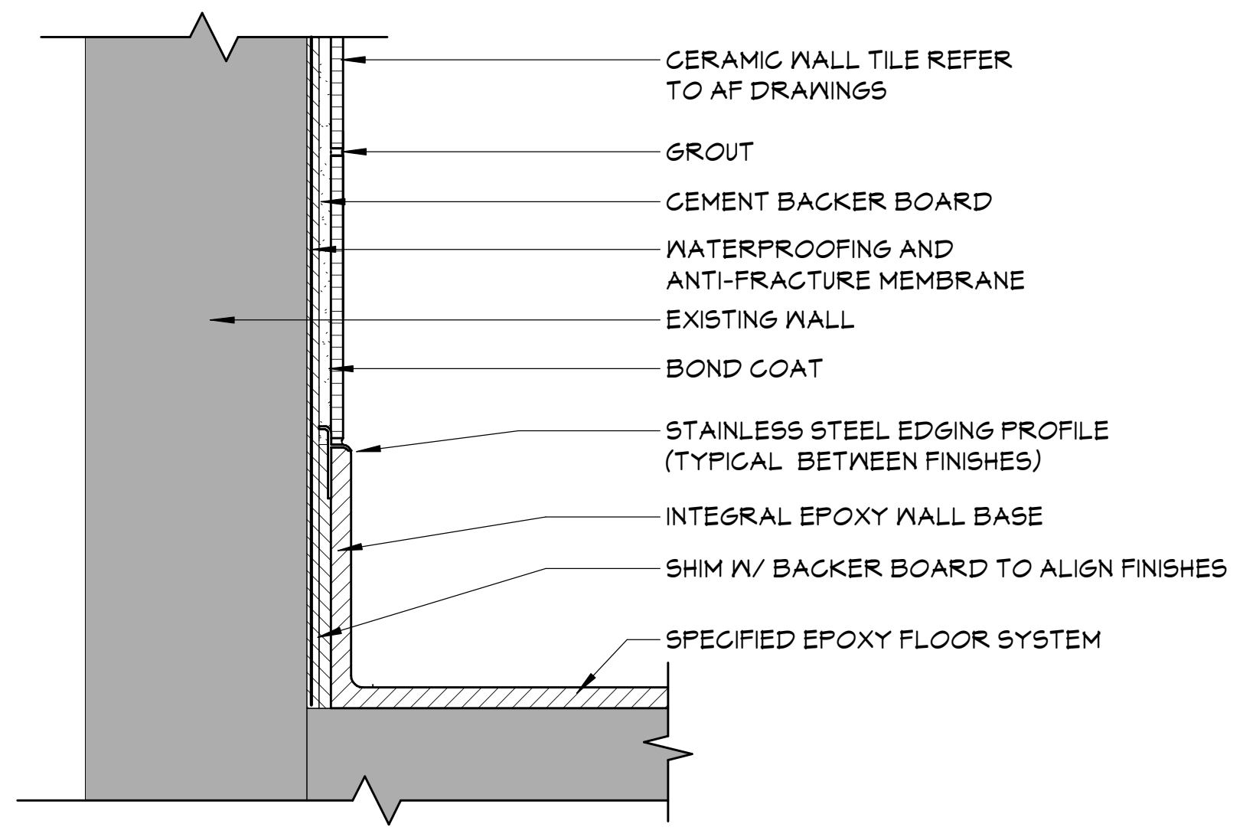
1C NEW EPOXY W/ INTEGRAL BASE (EXISTING SUBSTRATES)

A650 3" = 1'-0"


GROUT
CERAMIC WALL TILE REFER TO AF DRAWINGS
CEMENT BACKER BOARD
EXISTING WALL
BOND COAT
STAINLESS STEEL EDGING PROFILE (TYPICAL BETWEEN FINISHES)
INTEGRAL EPOXY WALL BASE
SHIM W/ BACKER BOARD TO ALIGN FINISHES
SPECIFIED EPOXY FLOOR SYSTEM
SELF-LEVELING CEMENTITIOUS UNDERLAYMENT INSTALLED LEVEL WITH EXISTING TILE TO PROVIDE EVEN SUBSTRATE FOR EPOXY
EPOXY FLOOR MANUFACTURER'S RECOMMENDED WATERPROOFING
PERIMETER EXPANSION JOINT
CONCRETE SLAB, REFER TO STRUCTURAL DRAWINGS
SPECIFIED VAPOR BARRIER CONTINUOUS BELOW SLAB
SPECIFIED SUBBASE BELOW SLAB

1B NEW SLAB, WALL TILE, & EPOXY (LOCKER ROOMS)

A650 3" = 1'-0"


CERAMIC WALL TILE REFER TO AF DRAWINGS
GROUT
CEMENT BACKER BOARD
WATERPROOFING AND ANTI-FRACTURE MEMBRANE
EXISTING WALL
BOND COAT
STAINLESS STEEL EDGING PROFILE (TYPICAL BETWEEN FINISHES)
INTEGRAL EPOXY WALL BASE
SHIM W/ BACKER BOARD TO ALIGN FINISHES
SPECIFIED EPOXY FLOOR SYSTEM

1A WALL TILE & EPOXY (EXISTING SUBSTRATES)

A650 3" = 1'-0"

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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER
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Construction Documents:	12/12/25

Sheet Title

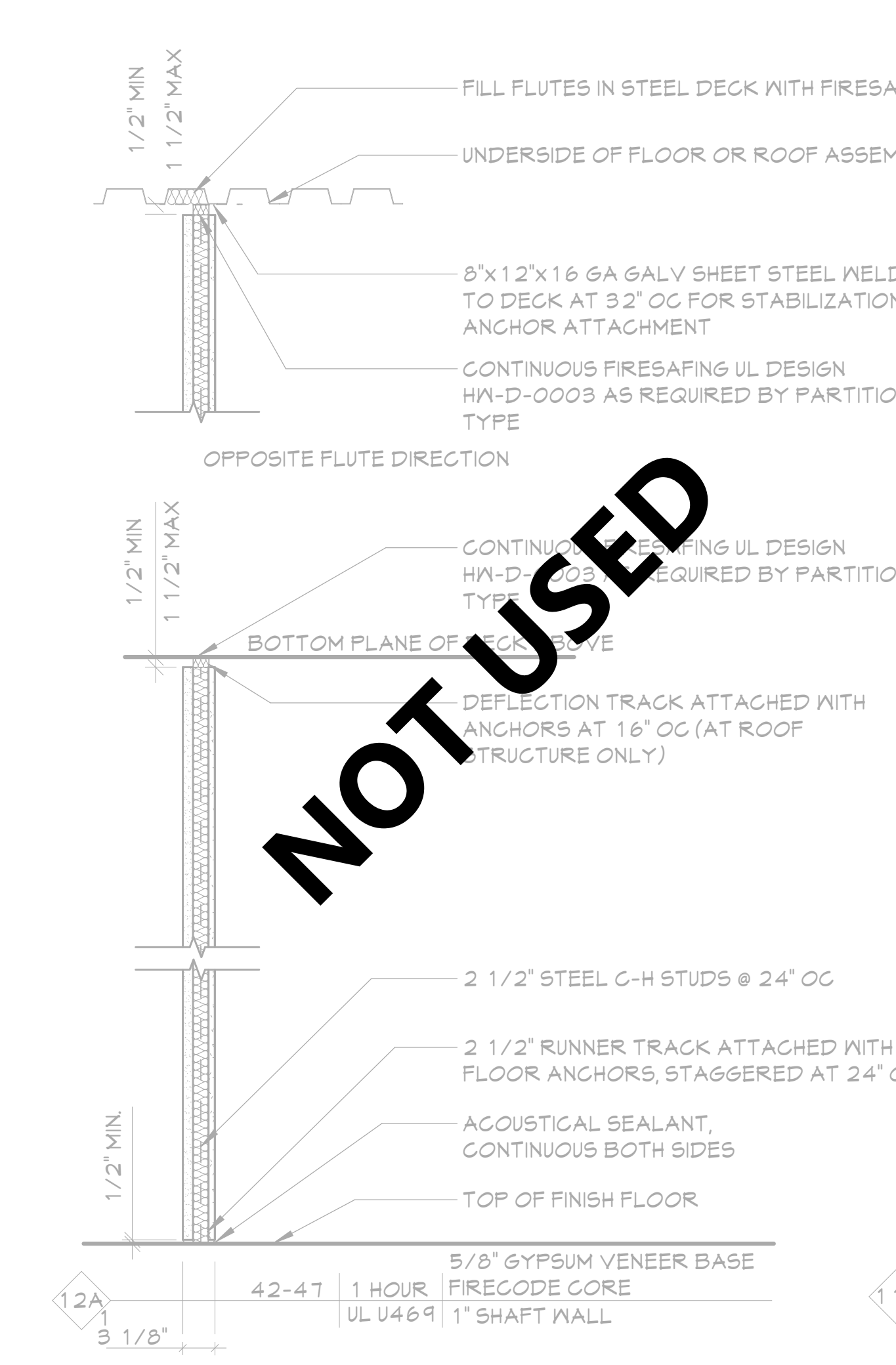
PARTITION,
CASEWORK,
AND TILE
DETAILS

Sheet No.

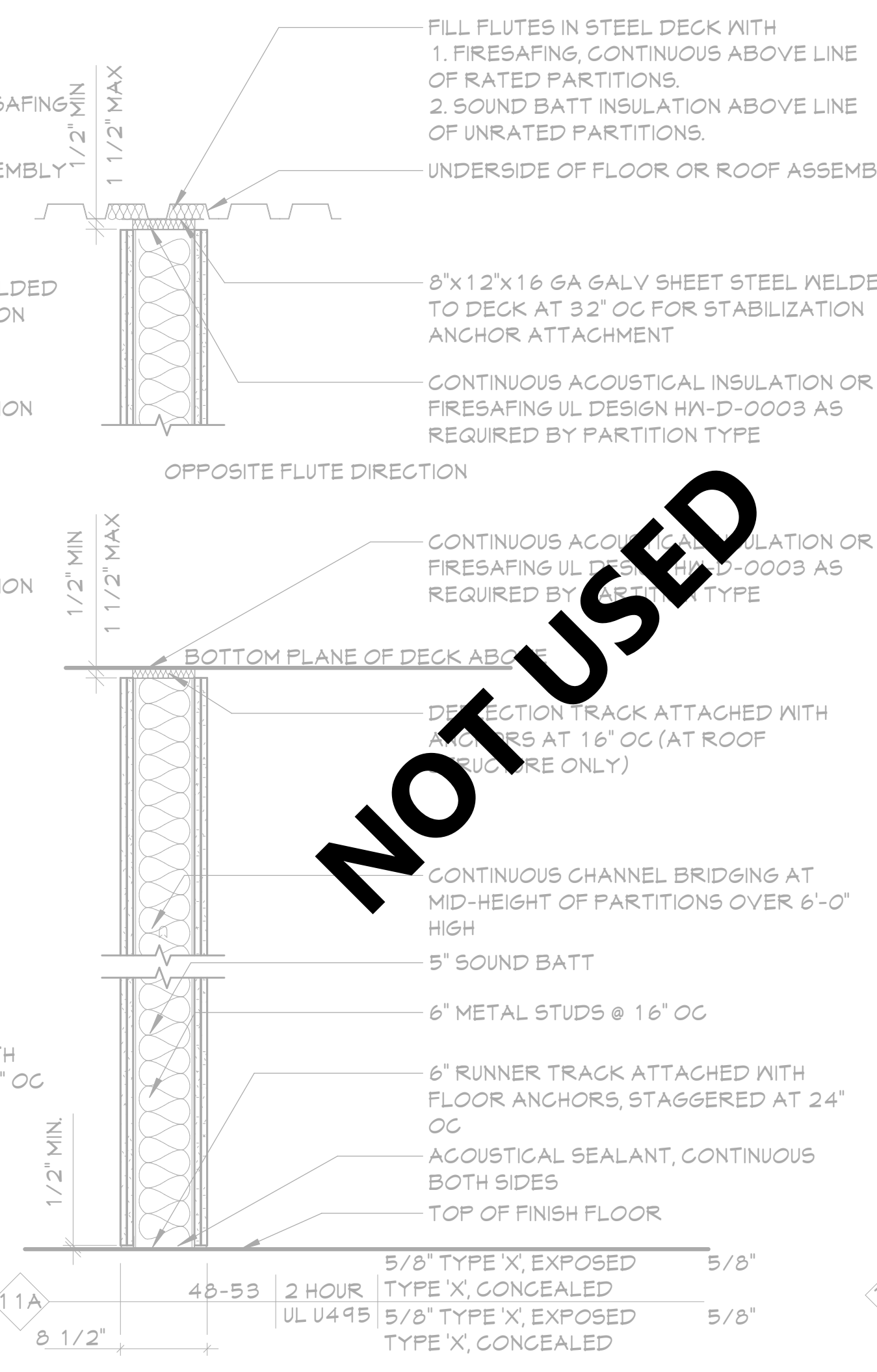
WHS
A650

CONSTRUCTION DOCUMENTS

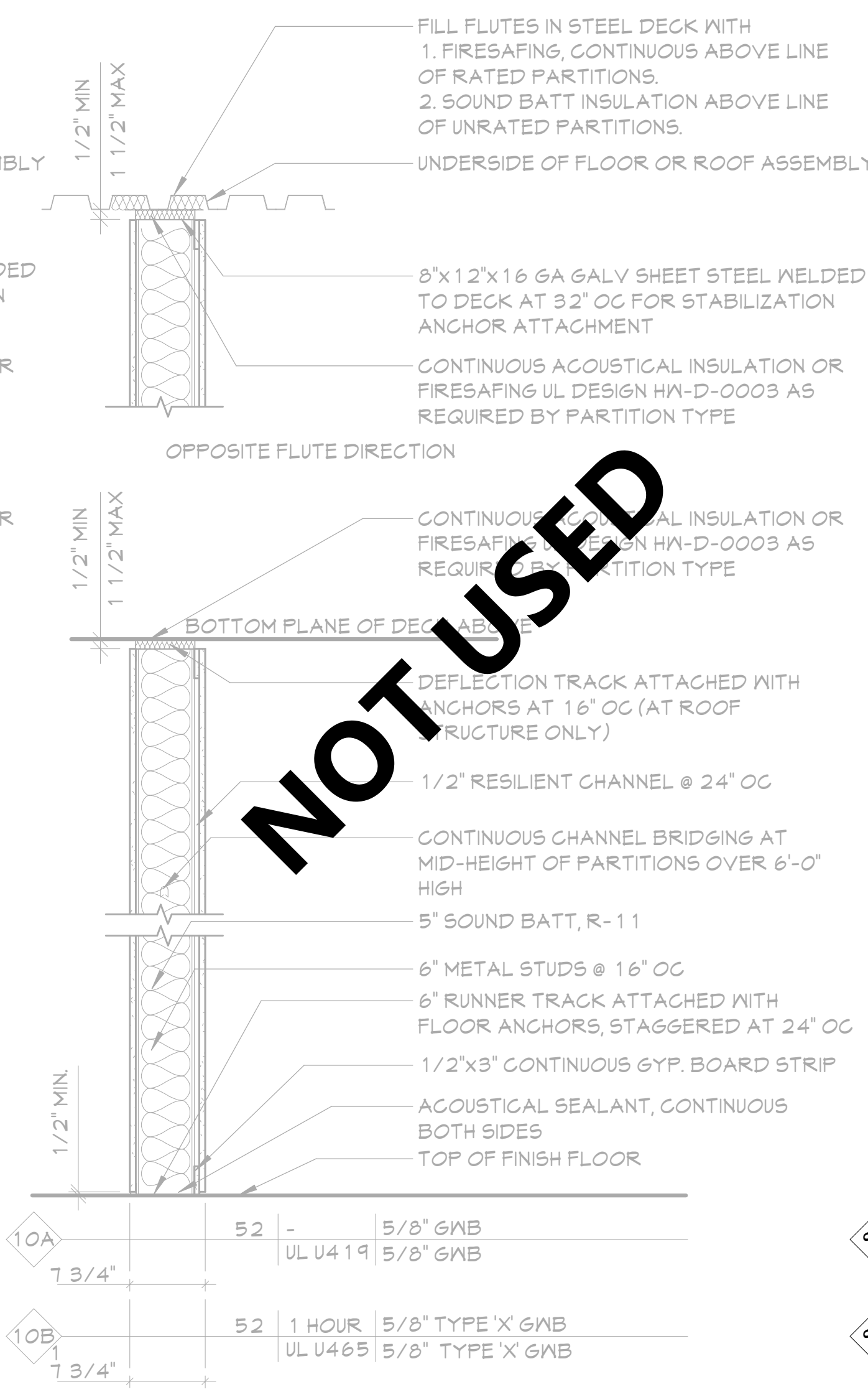
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt


NOT USED
FILL FLUTES IN STEEL DECK WITH FIRESAFING
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
OPPOSITE FLUTE DIRECTION
BOTTOM PLANE OF DECK ABOVE
2 1/2" STEEL C-H STUDS @ 24" OC
TOP OF FINISH FLOOR
12A
42-47
1 HOUR
UL U469
5/8" GYPSUM VENEER BASE
FIRECODE CORE
1" SHAFT WALL
3 1/8"

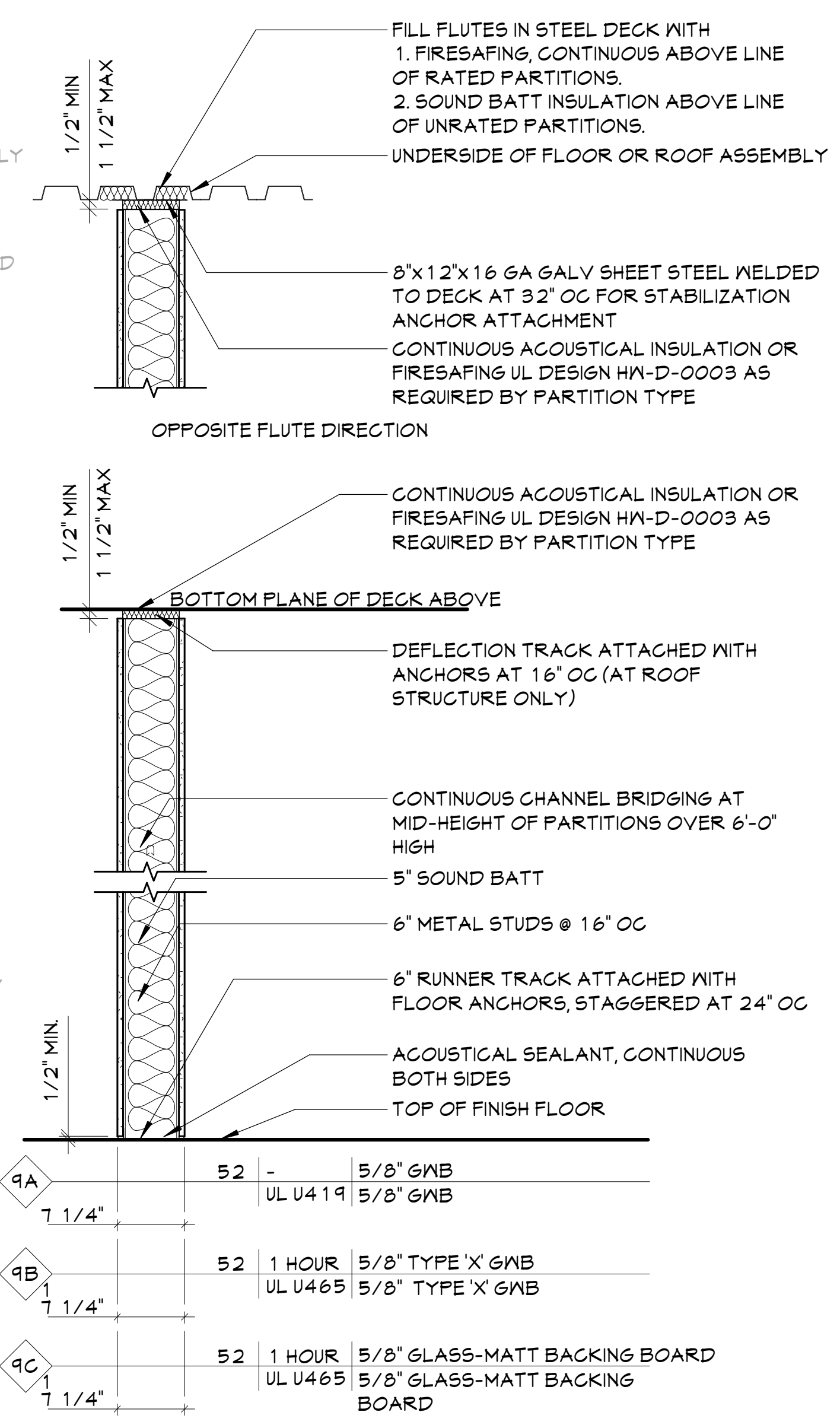
12 PARTITION TYPE '12'
A701 3/4" = 1'-0"



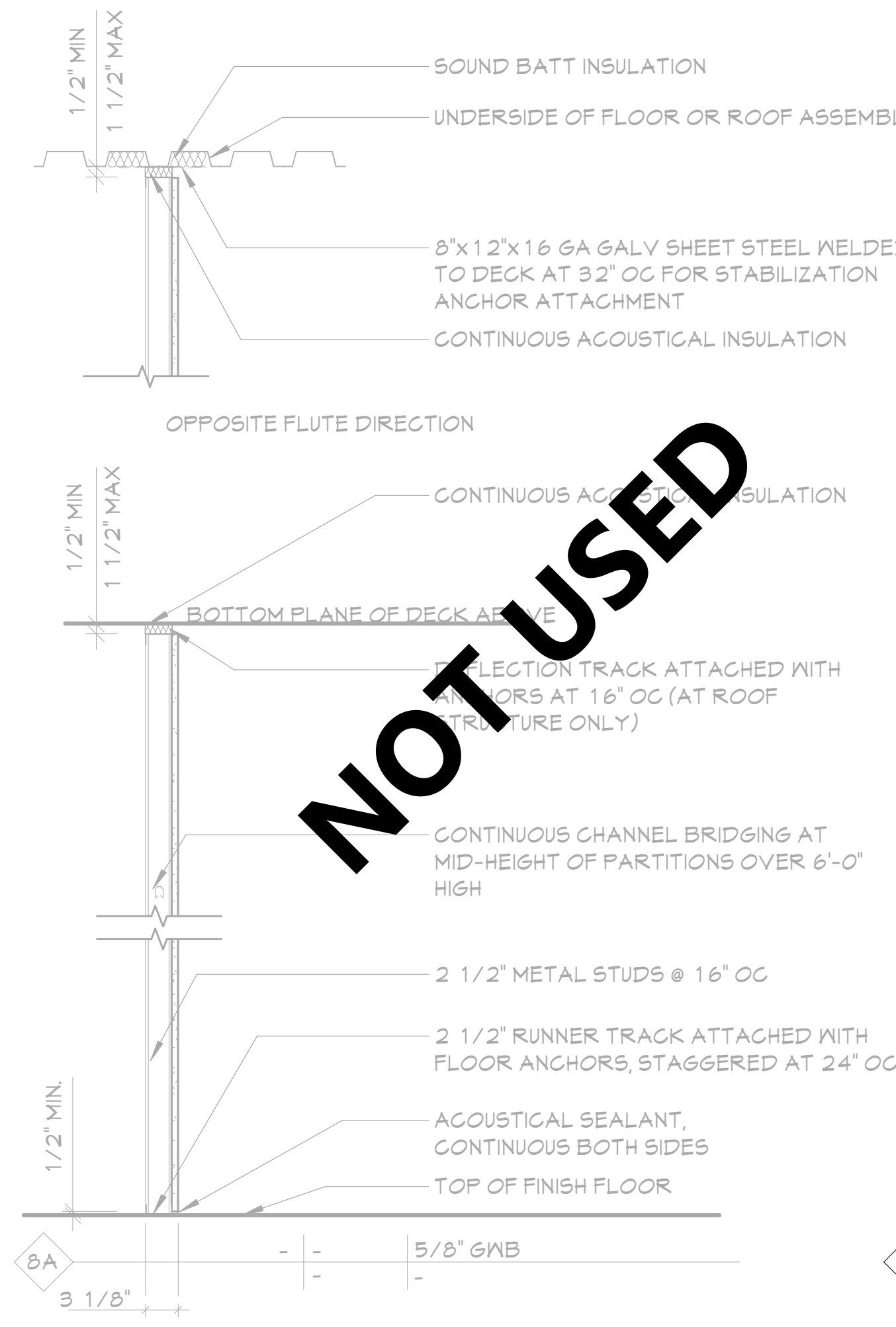
11 PARTITION TYPE '11'
A701 3/4" = 1'-0"



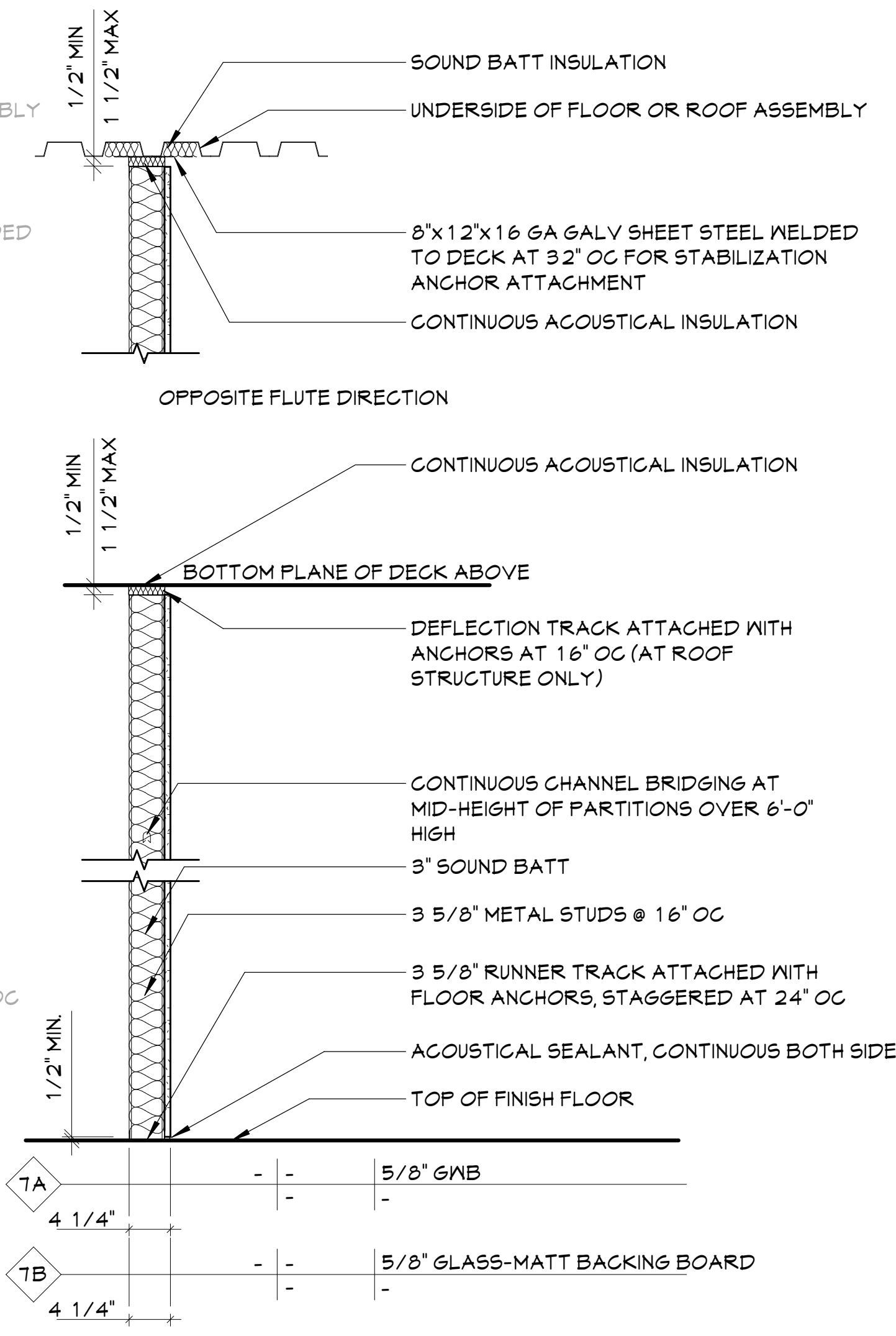
10 PARTITION TYPE '10'
A701 3/4" = 1'-0"


1/2" MIN
1 1/2" MAX
FILL FLUTES IN STEEL DECK WITH
1. FIRESAFING, CONTINUOUS ABOVE LINE OF RATED PARTITIONS.
2. SOUND BATT INSULATION ABOVE LINE OF UNRATED PARTITIONS.
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
8"x12"x16 GA GALV SHEET STEEL WELDED TO DECK AT 32" OC FOR STABILIZATION ANCHOR ATTACHMENT
CONTINUOUS ACOUSTICAL INSULATION OR FIRESAFING UL DESIGN HW-D-0003 AS REQUIRED BY PARTITION TYPE
OPPOSITE FLUTE DIRECTION
CONTINUOUS ACOUSTICAL INSULATION OR FIRESAFING UL DESIGN HW-D-0003 AS REQUIRED BY PARTITION TYPE
BOTTOM PLANE OF DECK ABOVE
DEFLECTION TRACK ATTACHED WITH ANCHORS AT 16" OC (AT ROOF STRUCTURE ONLY)
CONTINUOUS CHANNEL BRIDGING AT MID-HEIGHT OF PARTITIONS OVER 6'-0" HIGH
5" SOUND BATT
6" METAL STUDS @ 16" OC
6" RUNNER TRACK ATTACHED WITH FLOOR ANCHORS, STAGGERED AT 24" OC
ACOUSTICAL SEALANT, CONTINUOUS BOTH SIDES
TOP OF FINISH FLOOR
1/2" MIN.
9A
7 1/4"
52
-
UL U419
5/8" GWB
5/8" GWB
9B
1
7 1/4"
52
1 HOUR
UL U465
5/8" TYPE 'X' GWB
5/8" TYPE 'X' GWB
9C
1
7 1/4"
52
1 HOUR
UL U465
5/8" GLASS-MATT BACKING BOARD
5/8" GLASS-MATT BACKING BOARD

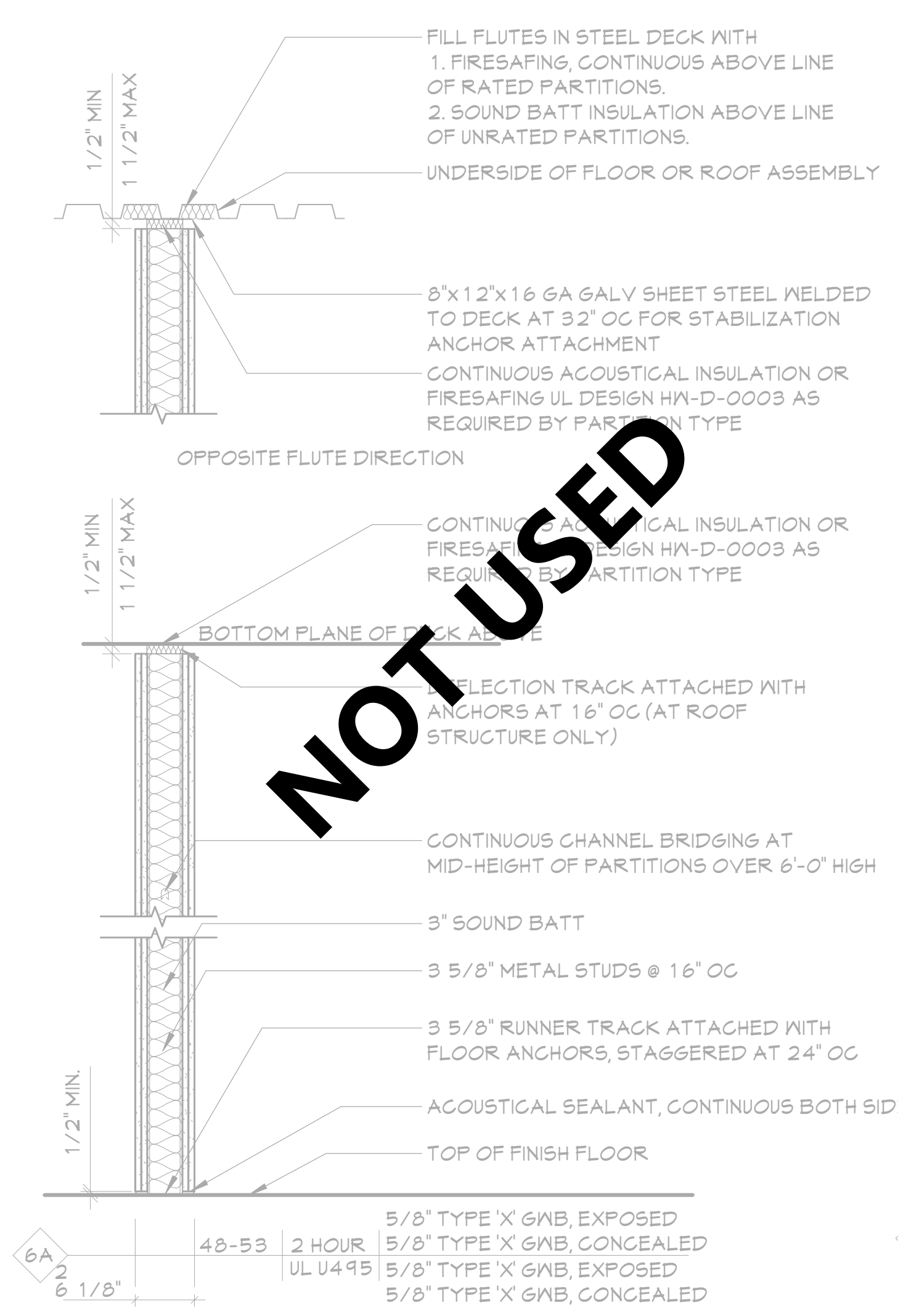
9 PARTITION TYPE '9'
A701 3/4" = 1'-0"


NOT USED
SOUND BATT INSULATION
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
8"x12"x16 GA GALV SHEET STEEL WELDED TO DECK AT 32" OC FOR STABILIZATION ANCHOR ATTACHMENT
CONTINUOUS ACOUSTICAL INSULATION
OPPOSITE FLUTE DIRECTION
BOTTOM PLANE OF DECK ABOVE
2 1/2" METAL STUDS @ 16" OC
2 1/2" RUNNER TRACK ATTACHED WITH FLOOR ANCHORS, STAGGERED AT 24" OC
ACOUSTICAL SEALANT, CONTINUOUS BOTH SIDES
TOP OF FINISH FLOOR
8A
5/8" GWB
3 1/8"

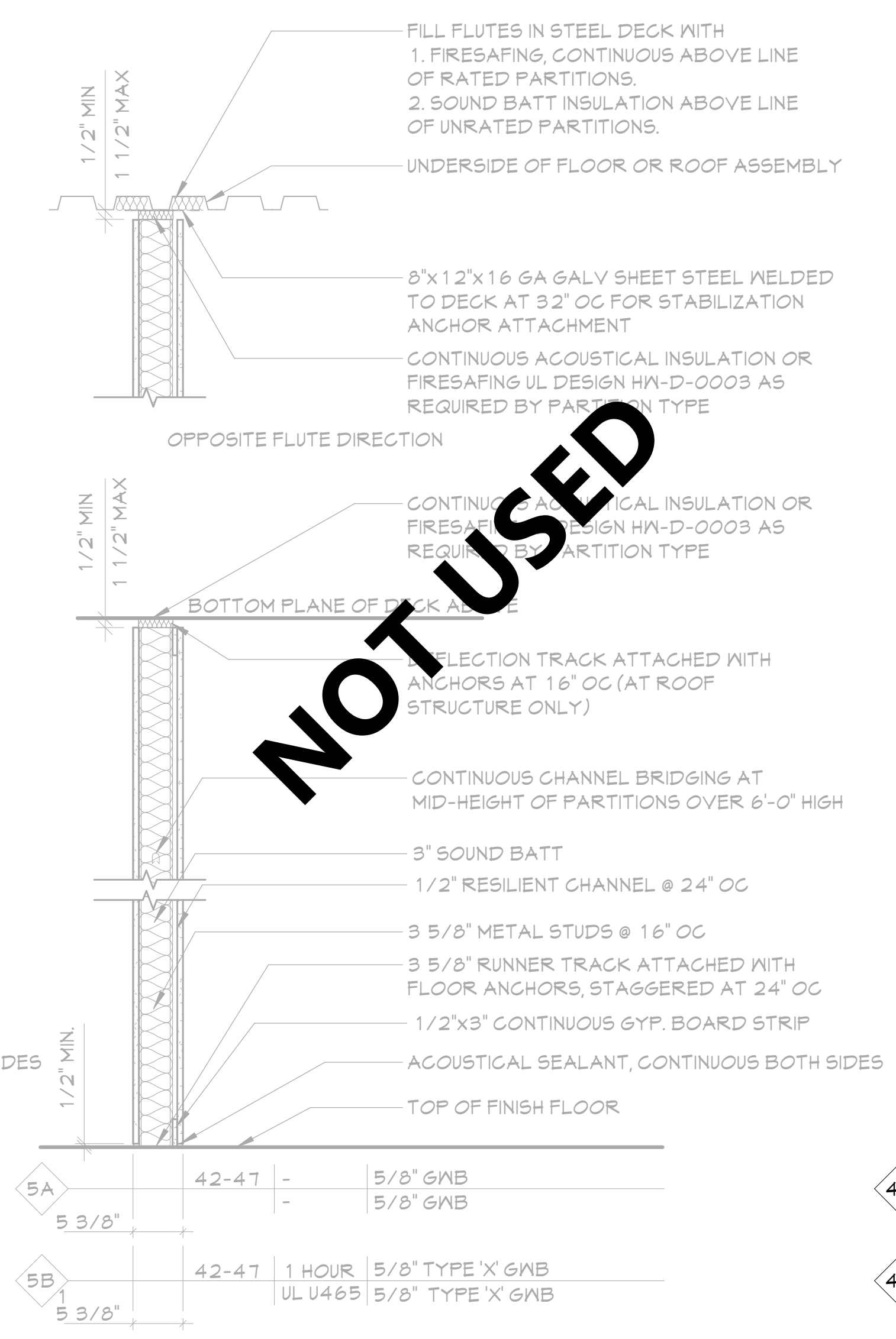
8 PARTITION TYPE '8'
A701 3/4" = 1'-0"


1/2" MIN
1 1/2" MAX
SOUND BATT INSULATION
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
8"x12"x16 GA GALV SHEET STEEL WELDED TO DECK AT 32" OC FOR STABILIZATION ANCHOR ATTACHMENT
CONTINUOUS ACOUSTICAL INSULATION
OPPOSITE FLUTE DIRECTION
CONTINUOUS ACOUSTICAL INSULATION
BOTTOM PLANE OF DECK ABOVE
DEFLECTION TRACK ATTACHED WITH ANCHORS AT 16" OC (AT ROOF STRUCTURE ONLY)
CONTINUOUS CHANNEL BRIDGING AT MID-HEIGHT OF PARTITIONS OVER 6'-0" HIGH
3" SOUND BATT
3 5/8" METAL STUDS @ 16" OC
3 5/8" RUNNER TRACK ATTACHED WITH FLOOR ANCHORS, STAGGERED AT 24" OC
ACOUSTICAL SEALANT, CONTINUOUS BOTH SIDES
TOP OF FINISH FLOOR
1/2" MIN.
7A
4 1/4"
-
-
5/8" GWB
-
7B
4 1/4"
5/8" GLASS-MATT BACKING BOARD

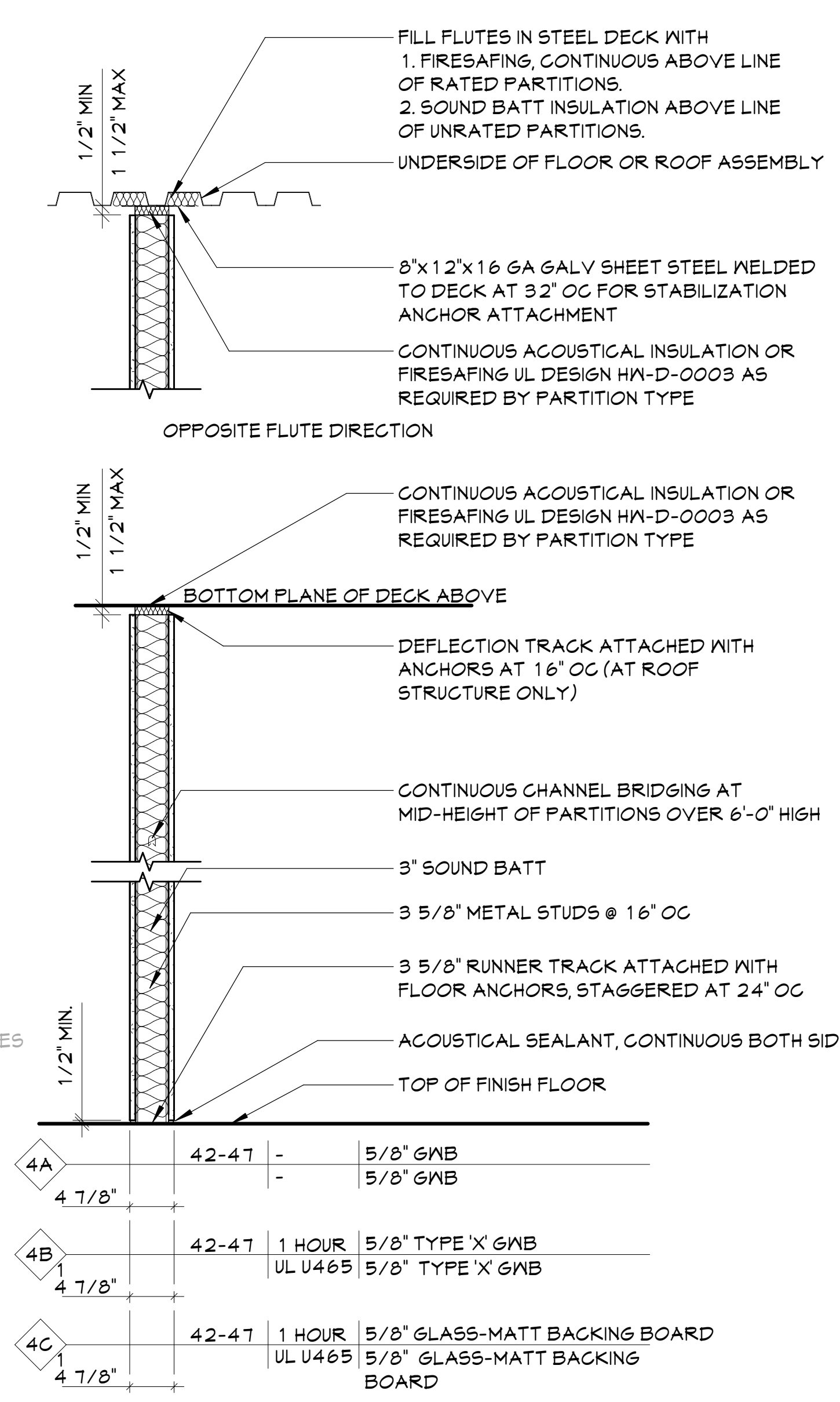
7 PARTITION TYPE '7'
A701 3/4" = 1'-0"



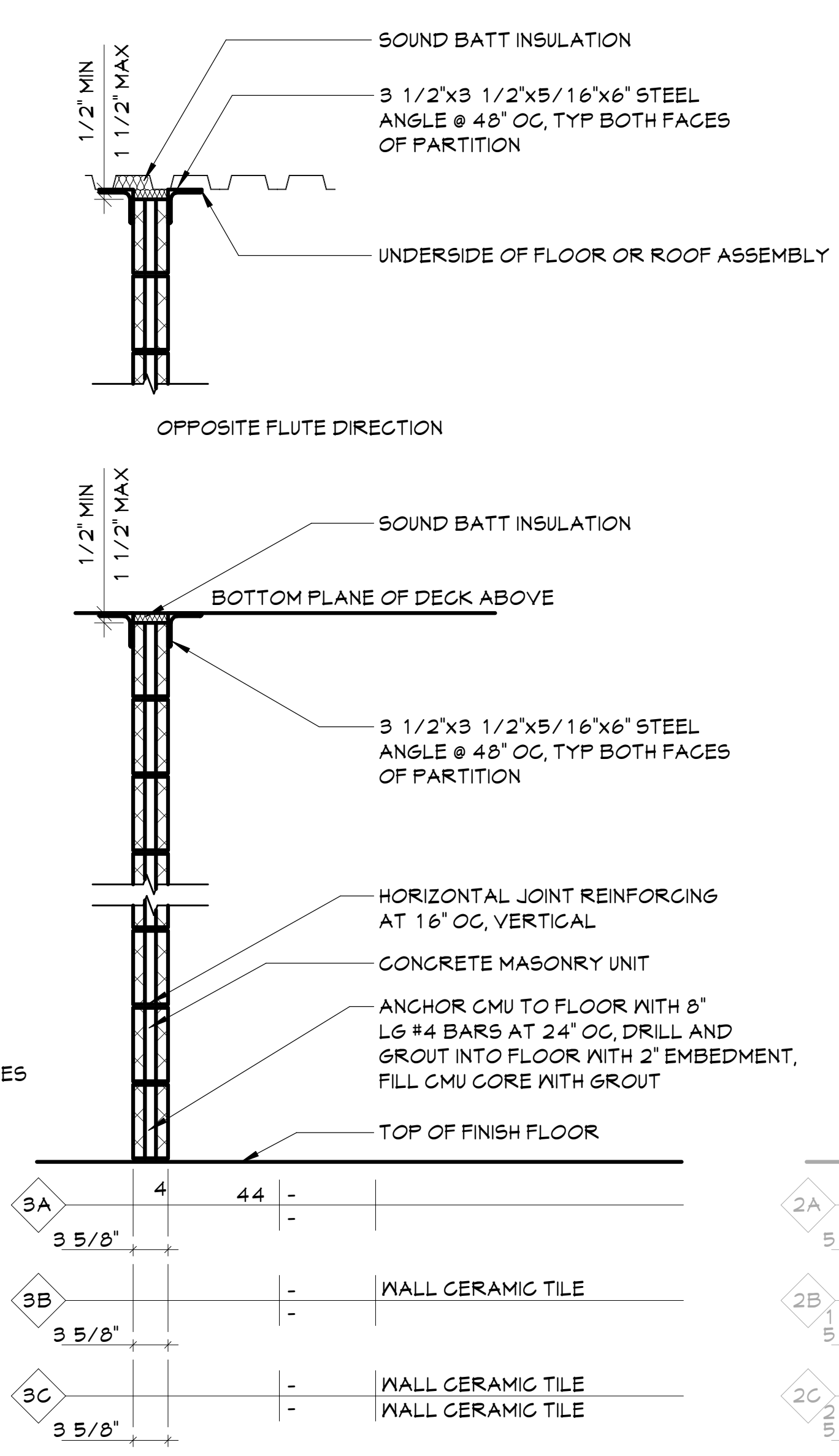
6 PARTITION TYPE '6'
A701 3/4" = 1'-0"



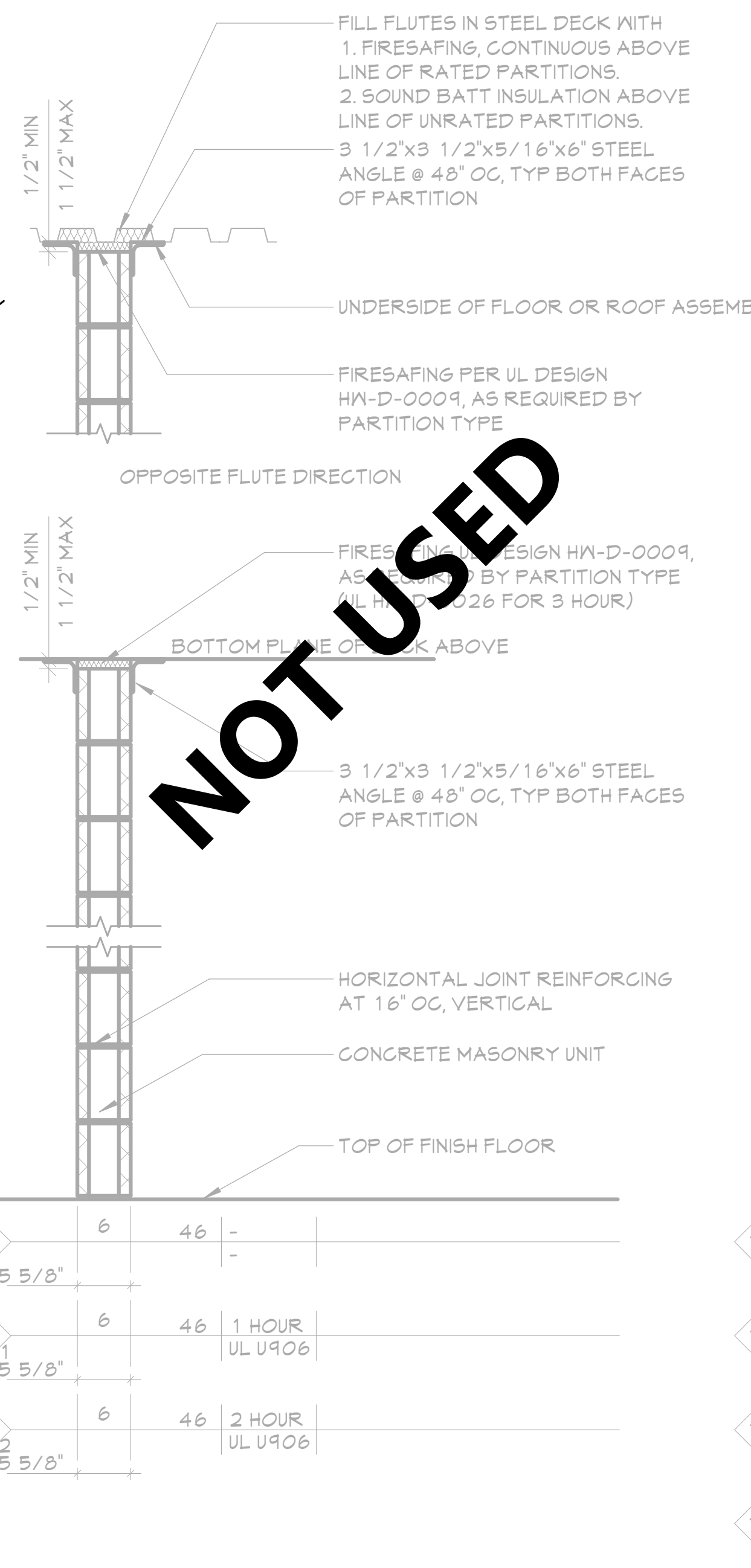
5 PARTITION TYPE '5'
A701 3/4" = 1'-0"


1/2" MIN
1 1/2" MAX
FILL FLUTES IN STEEL DECK WITH
1. FIRESAFING, CONTINUOUS ABOVE LINE OF RATED PARTITIONS.
2. SOUND BATT INSULATION ABOVE LINE OF UNRATED PARTITIONS.
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
8"x12"x16 GA GALV SHEET STEEL WELDED TO DECK AT 32" OC FOR STABILIZATION ANCHOR ATTACHMENT
CONTINUOUS ACOUSTICAL INSULATION OR FIRESAFING UL DESIGN HW-D-0003 AS REQUIRED BY PARTITION TYPE
OPPOSITE FLUTE DIRECTION
CONTINUOUS ACOUSTICAL INSULATION OR FIRESAFING UL DESIGN HW-D-0003 AS REQUIRED BY PARTITION TYPE
BOTTOM PLANE OF DECK ABOVE
DEFLECTION TRACK ATTACHED WITH ANCHORS AT 16" OC (AT ROOF STRUCTURE ONLY)
CONTINUOUS CHANNEL BRIDGING AT MID-HEIGHT OF PARTITIONS OVER 6'-0" HIGH
3" SOUND BATT
3 5/8" METAL STUDS @ 16" OC
3 5/8" RUNNER TRACK ATTACHED WITH FLOOR ANCHORS, STAGGERED AT 24" OC
ACOUSTICAL SEALANT, CONTINUOUS BOTH SIDES
TOP OF FINISH FLOOR
1/2" MIN.
4A
4 7/8"
42-47
-
-
5/8" GWB
5/8" GWB
4B
1
4 7/8"
42-47
1 HOUR
UL U465
5/8" TYPE 'X' GWB
5/8" TYPE 'X' GWB
4C
1
4 7/8"
42-47
1 HOUR
UL U465
5/8" GLASS-MATT BACKING BOARD
5/8" GLASS-MATT BACKING BOARD

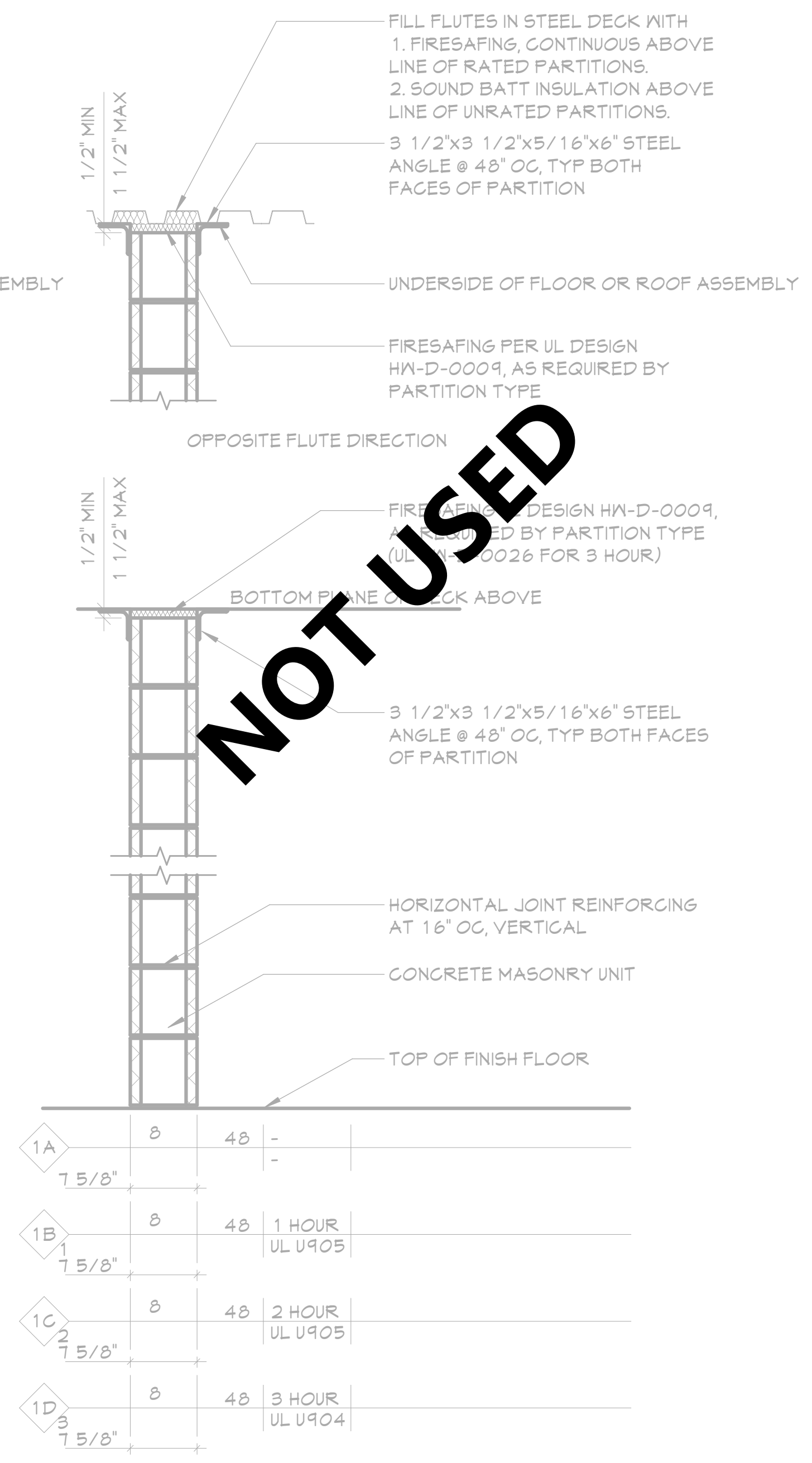
4 PARTITION TYPE '4'
A701 3/4" = 1'-0"


1/2" MIN
1 1/2" MAX
SOUND BATT INSULATION
3 1/2"x3 1/2"x5/16"x6" STEEL ANGLE @ 48" OC, TYP BOTH FACES OF PARTITION
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
OPPOSITE FLUTE DIRECTION
SOUND BATT INSULATION
BOTTOM PLANE OF DECK ABOVE
3 1/2"x3 1/2"x5/16"x6" STEEL ANGLE @ 48" OC, TYP BOTH FACES OF PARTITION
HORIZONTAL JOINT REINFORCING AT 16" OC, VERTICAL
CONCRETE MASONRY UNIT
ANCHOR CMU TO FLOOR WITH 8" LG #4 BARS AT 24" OC, DRILL AND GROUT INTO FLOOR WITH 2" EMBEDMENT, FILL CMU CORE WITH GROUT
TOP OF FINISH FLOOR
3A
4
3 5/8"
44
-
-
3B
3 5/8"
-
-
WALL CERAMIC TILE
3C
3 5/8"
-
-
WALL CERAMIC TILE
WALL CERAMIC TILE

3 PARTITION TYPE '3'
A701 3/4" = 1'-0"


NOT USED
FILL FLUTES IN STEEL DECK WITH
1. FIRESAFING, CONTINUOUS ABOVE LINE OF RATED PARTITIONS.
2. SOUND BATT INSULATION ABOVE LINE OF UNRATED PARTITIONS.
3 1/2"x3 1/2"x5/16"x6" STEEL ANGLE @ 48" OC, TYP BOTH FACES OF PARTITION
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
FIRESAFING PER UL DESIGN HW-D-0009, AS REQUIRED BY PARTITION TYPE
OPPOSITE FLUTE DIRECTION
HORIZONTAL JOINT REINFORCING AT 16" OC, VERTICAL
CONCRETE MASONRY UNIT
TOP OF FINISH FLOOR
2A
2B
2C
6
46
1 HOUR
2 HOUR
UL U906
5 5/8"

2 PARTITION TYPE '2'
A701 3/4" = 1'-0"


NOT USED
FILL FLUTES IN STEEL DECK WITH
1. FIRESAFING, CONTINUOUS ABOVE LINE OF RATED PARTITIONS.
2. SOUND BATT INSULATION ABOVE LINE OF UNRATED PARTITIONS.
3 1/2"x3 1/2"x5/16"x6" STEEL ANGLE @ 48" OC, TYP BOTH FACES OF PARTITION
UNDERSIDE OF FLOOR OR ROOF ASSEMBLY
FIRESAFING PER UL DESIGN HW-D-0009, AS REQUIRED BY PARTITION TYPE
OPPOSITE FLUTE DIRECTION
HORIZONTAL JOINT REINFORCING AT 16" OC, VERTICAL
CONCRETE MASONRY UNIT
TOP OF FINISH FLOOR
1A
1B
1C
1D
8
48
1 HOUR
2 HOUR
3 HOUR
UL U905
UL U904
7 5/8"

1 PARTITION TYPE '1'
A701 3/4" = 1'-0"

PARTITION NOTES

1A — PARTITION TYPE NUMBER
1 — FIRE RATING HOUR

NOM. CMU SIZE	STC RATING	FIRE RATING	SIDE ONE FINISH
		TEST DESIGN	SIDE TWO FINISH

GENERAL PARTITION NOTES

1. THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT.

FIRE RATED SYSTEMS

1. PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES.
2. PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES.
3. CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.

CMU WALL SYSTEMS

1. ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE.
2. PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE.
3. PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS:
   A. PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT)
   B. DOOR OPENINGS (REINFORCE FULL HEIGHT OF DOOR)
   C. WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD)
   D. WALL ENDS (REINFORCE FULL HEIGHT)
4. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS.

METAL STUD PARTITION AND CEILING SYSTEMS

1. ALL DIMENSIONS ARE TO THE FACE OF METAL STUDS UNLESS NOTED OTHERWISE.
2. PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC.
3. PROVIDE METAL L.C. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.
4. PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS:
   A. PERIMETER OF PARTITIONS
   B. RUNNERS
   C. ELECTRICAL OUTLETS
   D. PARTITION PENETRATIONS AND OPENINGS
5. PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.
6. ANCHOR INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF INSULATION IS NOT SUPPORTED ON BOTH SIDES BY GYPSUM BOARD. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE

MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS

CONSTRUCTION AND LOCATION	MAX SINGLE DIMENSION	MAX SINGLE AREA
	FEET	FEET
PARTITION - INTERIOR	30	-
CEILING - INTERIOR		
W/ PERIMETER RELIEF	50	2500
W/O PERIMETER RELIEF	30	900

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI
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Construction Documents:	12/12/25

Sheet Title

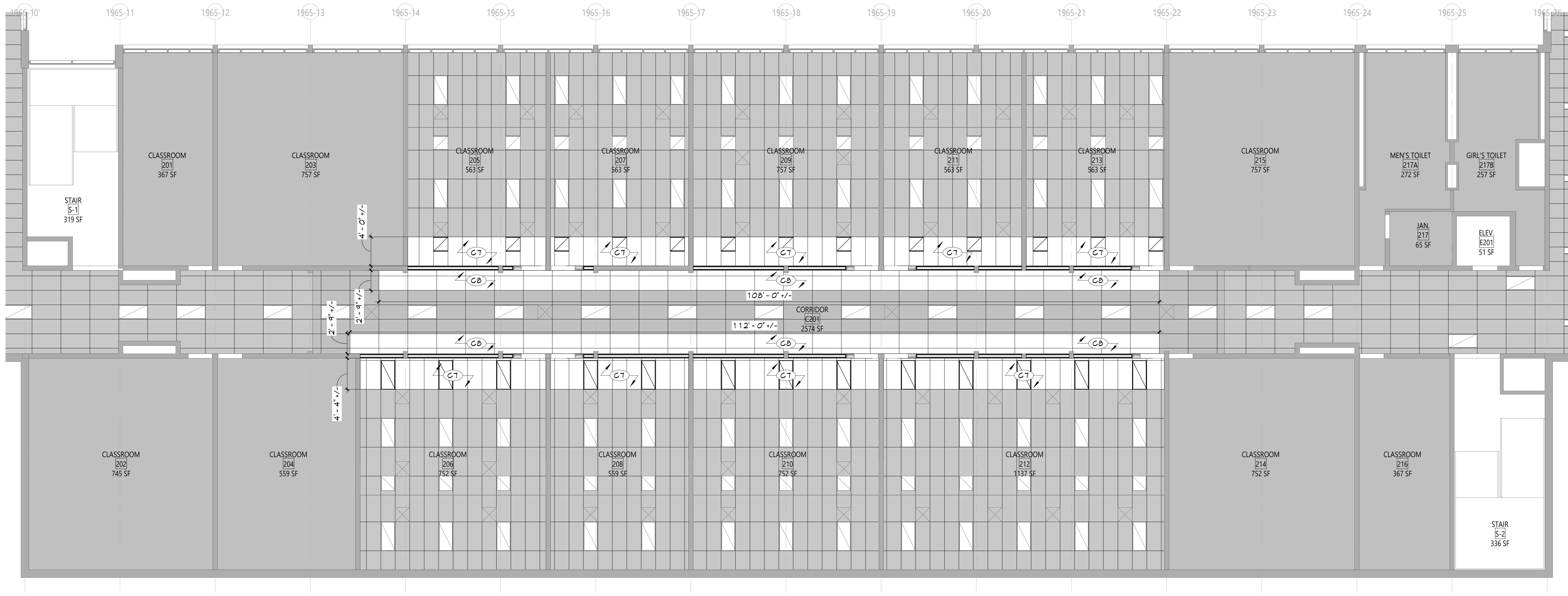
PARTITION TYPES & NOTES

Sheet No.

WHS A701

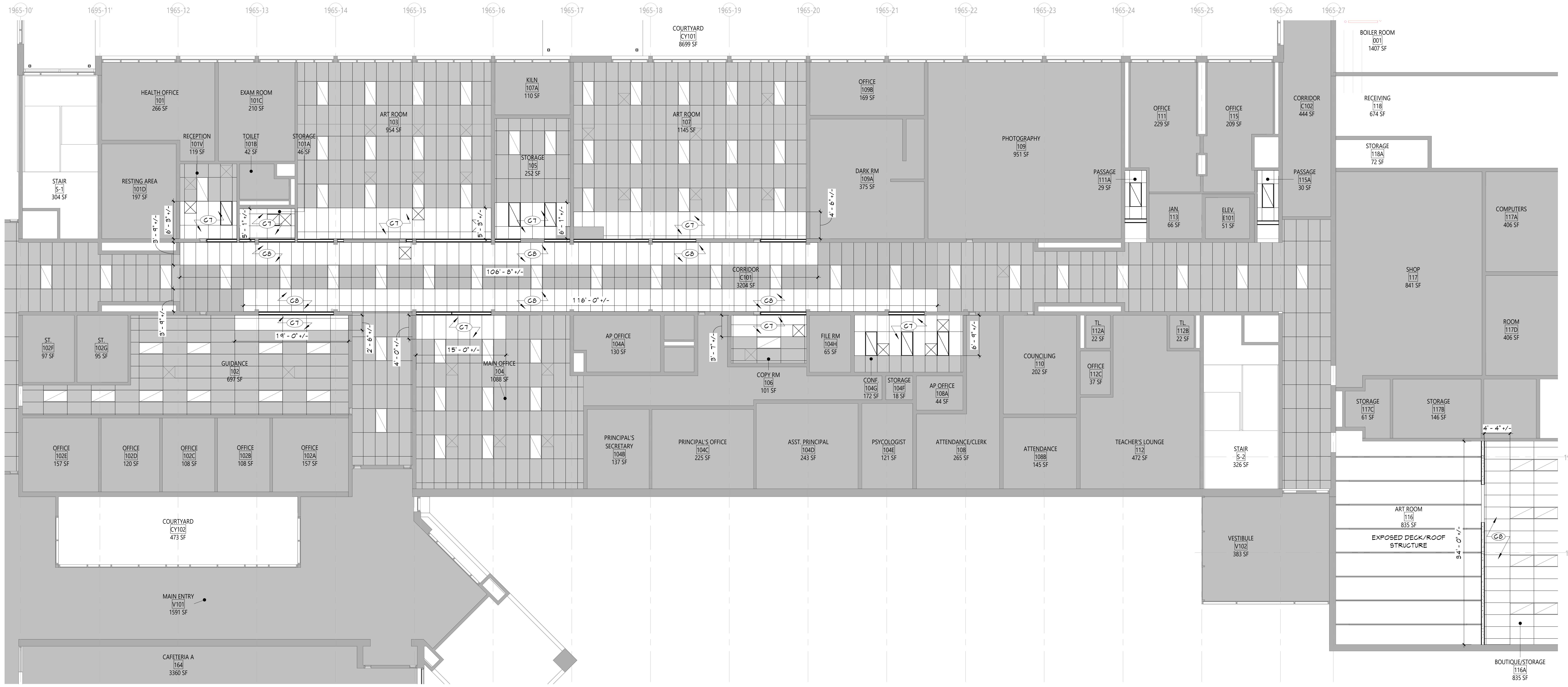
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 CORRIDOR C201 - NEW WORK RCP

A813 1/8" = 1'-0"



1 CORRIDOR C101 - NEW WORK RCP

A813 1/8" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
▦	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
▩	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⧄	2'x4' LIGHT FIXTURE
⧄	2'x2' LIGHT FIXTURE
⧄	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧅	HVAC RETURN GRILLE

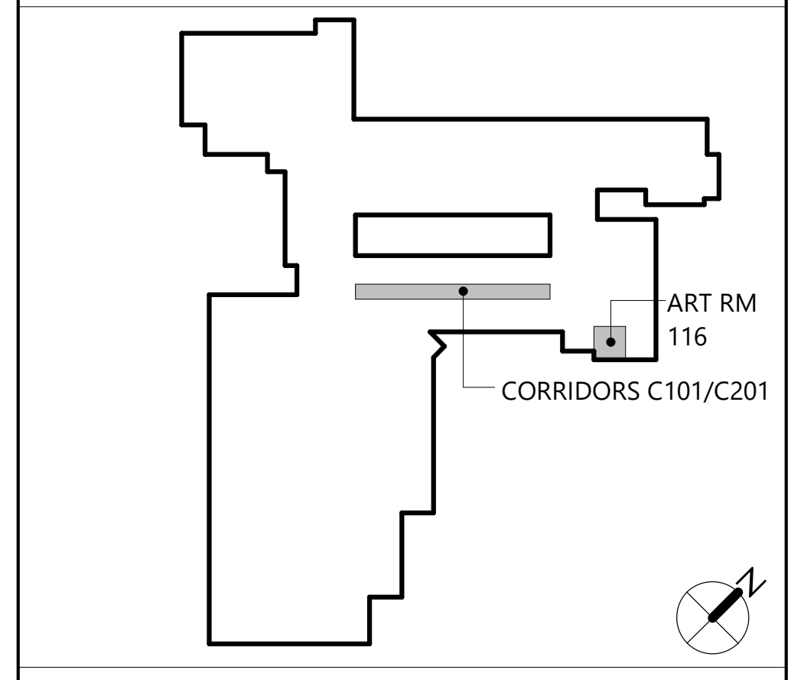
NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. SEE A900 SERIES DRAWINGS FOR DOOR, DOOR FRAME, STOREFRONT, CURTAINWALL, WINDOW, AND GLAZING SCHEDULES, DETAILS, AND NOTES.
3. SEE SHEET A701 FOR PARTITION TYPES AND ADDITIONAL FINISHING NOTES.
4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING NEW INSTALLATIONS. CONTRACTOR SHALL REPLACE ANY CONDITIONS DAMAGED DURING CONSTRUCTION TO A FINISH AND MATERIAL QUALITY NOT LESS THAN ADJACENT REMAINING WORK.
5. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK SHOWN AND/OR REQUIRED TO FACILITATE NEW CONSTRUCTION AS DEPICTED IN THE DRAWING SET WHETHER SHOWN OR NOT.
6. PATCH EXISTING WALLS AS REQUIRED AT AREAS OF REMOVALS TO MATCH ADJACENT CONSTRUCTION. USE APPROPRIATE MATERIALS TO MATCH EXISTING SO THAT THE INTEGRITY OF THE EXISTING IS MAINTAINED. THIS INCLUDES THE USE OF PROPERLY RATED FIRE RESISTIVE MATERIALS IN ACCORDANCE WITH THE UL DESIGN HANDBOOK. ALIGN NEW FINISH SURFACE WITH EXISTING REMAINING WALL FINISH.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS/FIELD VERIFICATIONS. FIELD VERIFY DIMENSIONS BEFORE PREPARING SHOP DRAWINGS, ORDERING MATERIALS, OR BEGINING WORK. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
8. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
9. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD.
10. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS, UNLESS DIRECTION IS GIVE BY THE ARCHITECT VIA RFI RESPONSE OR CHANGE IN CONDITION (CIC).
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK.
12. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, AND DEFORMATION, AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED TO PREVENT IMPOSITION OF STRESSES THAT MIGHT DAMAGE OR DETERIORATE ALL ELEMENTS AND MATERIALS TO BE REMOVED AND SALVAGED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
13. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED DURING THE COURSE OF THE WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THEY WERE PRIOR TO WORK.
14. ALL EXPOSED SURFACES OF NEW PARTITIONS, NEW SOFFITS, AND NEW HARD CEILINGS ARE TO BE PAINTED, UNLESS NOTED OTHERWISE. WHEN WORK IS PERFORMED ON ANY PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, FINISH AND SHEEN, UNLESS OTHERWISE NOTED. EXISTING WALL MURALS ARE NOT TO BE PAINTED OVER AND CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY EXISTING WALL MURALS ARE IMPACTED BY THE CONSTRUCTION ACTIVITIES.
15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
17. ALL ELEVATIONS (X'-X") ARE FROM THE REFERENCED FLOOR LEVEL.
18. FURNISH AND INSTALL REINFORCEMENT/BLOCKING REQUIRED FOR WALL, FLOOR OR CEILING MOUNTED ITEMS INCLUDING OWNER AND VENDOR MOUNTED ITEMS. PROVIDE HEAVY GAUGE STRAPPING OR FIRE RATED BLOCKING WITHIN THE WALL CAVITY FOR WALL MOUNTED EQUIPMENT.

NEW WORK KEYNOTES

	Description
C7	REINSTALL EXISTING ACOUSTICAL PANEL CEILING TILES WHERE PREVIOUSLY REMOVED.
C8	REINSTALL MODIFIED ACOUSTICAL PANEL CEILING TILE AND GRID AS REQUIRED TO ACCOMMODATE NEW WALL INFILL. SEE A360 FOR DETAILS.

KEY PLAN



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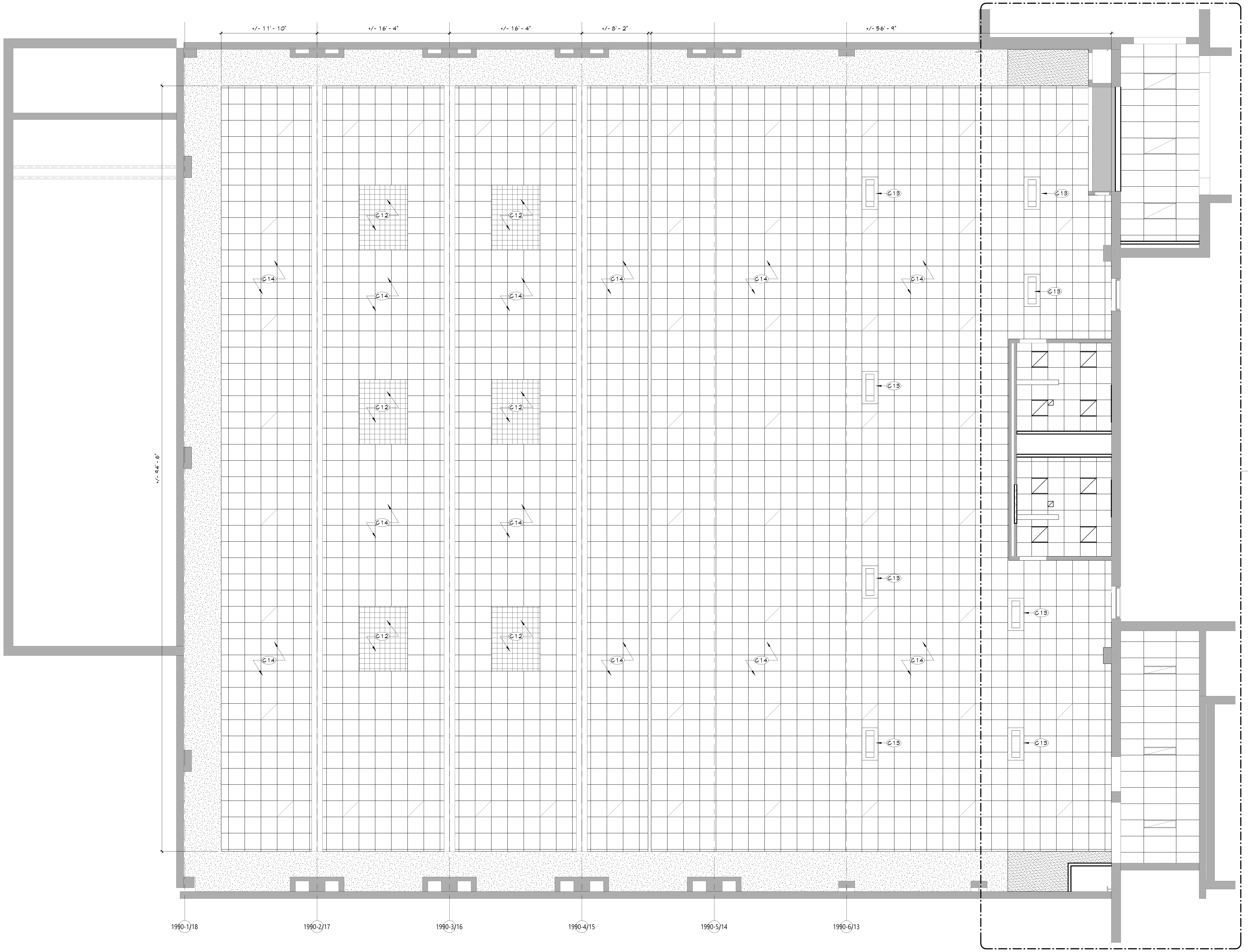
Sheet Title
CORRIDOR C101 & C201 - NEW WORK REFLECTED CEILING PLAN

Sheet No.
WHS A813

CONSTRUCTION DOCUMENTS



1 POOL AREA - NEW WORK RCP
A821 3/16" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
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CEILING LEGEND

▨	GWB CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
⊞	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR
■	EXISTING CEILING TO REMAIN
▣	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
◻	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
Ⓢ	CEILING MOUNTED PA SPEAKER
Ⓙ	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

ACOUSTICAL EQUIPMENT

⊠	4'x4' EXST CLOUD CLG SYSTEM

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK GENERAL NOTES

1. SEE SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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NEW WORK KEYNOTES

	Description
C12	PROVIDE EGGCRATE CEILING TILES AS SPECIFIED IN CEILING GRID BELOW SKYLIGHT LOCATIONS. INSTALL WHERE PREVIOUSLY REMOVED.
C13	CEILING DIFFUSERS, COORDINATE WITH MECHANICAL DRAWINGS.
C14	PROVIDE NEW ACOUSTICAL PANEL CEILING AS SPECIFIED. REFER TO SPECIFICATIONS FOR ACT SYSTEM TYPES. COORDINATE WITH EXISTING LIGHTING FIXTURES.

PRODUCT SPECIFICATIONS

EGGCRATE CEILING PANELS

BASIS OF DESIGN: PROVIDE EGGCRATE CEILING TILES MANUFACTURED BY INTERSOURCECO, OR AN APPROVED EQUAL, COMPLYING WITH THE FOLLOWING:

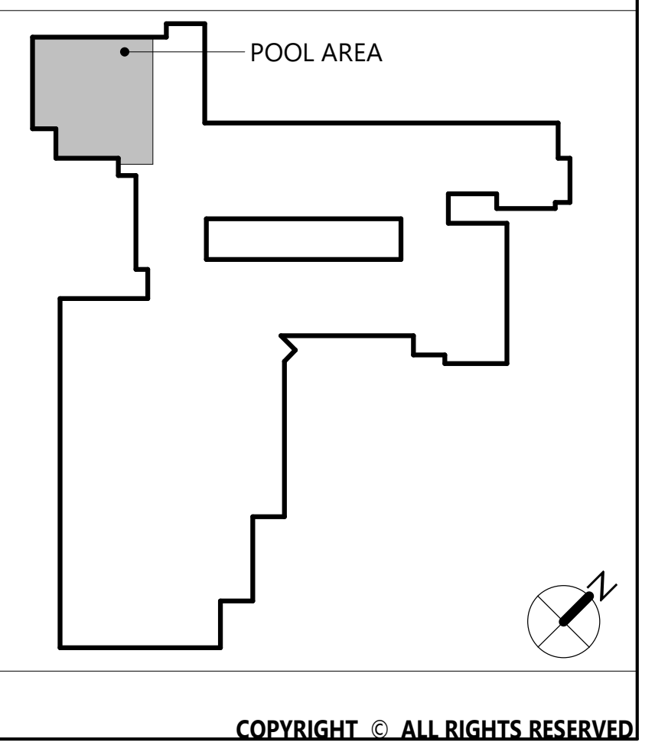
OPENINGS: 1/2" SQUARES

DEPTH: 3/8" THICKNESS

COLOR: SELECTED BY OWNER FROM FULL RANGE

SIZE: AS REQUIRED TO FIT TO CEILING GRID

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Drawn By: SI
Checked By: DM
Proj. #: 44-01-02-06-0-007-033
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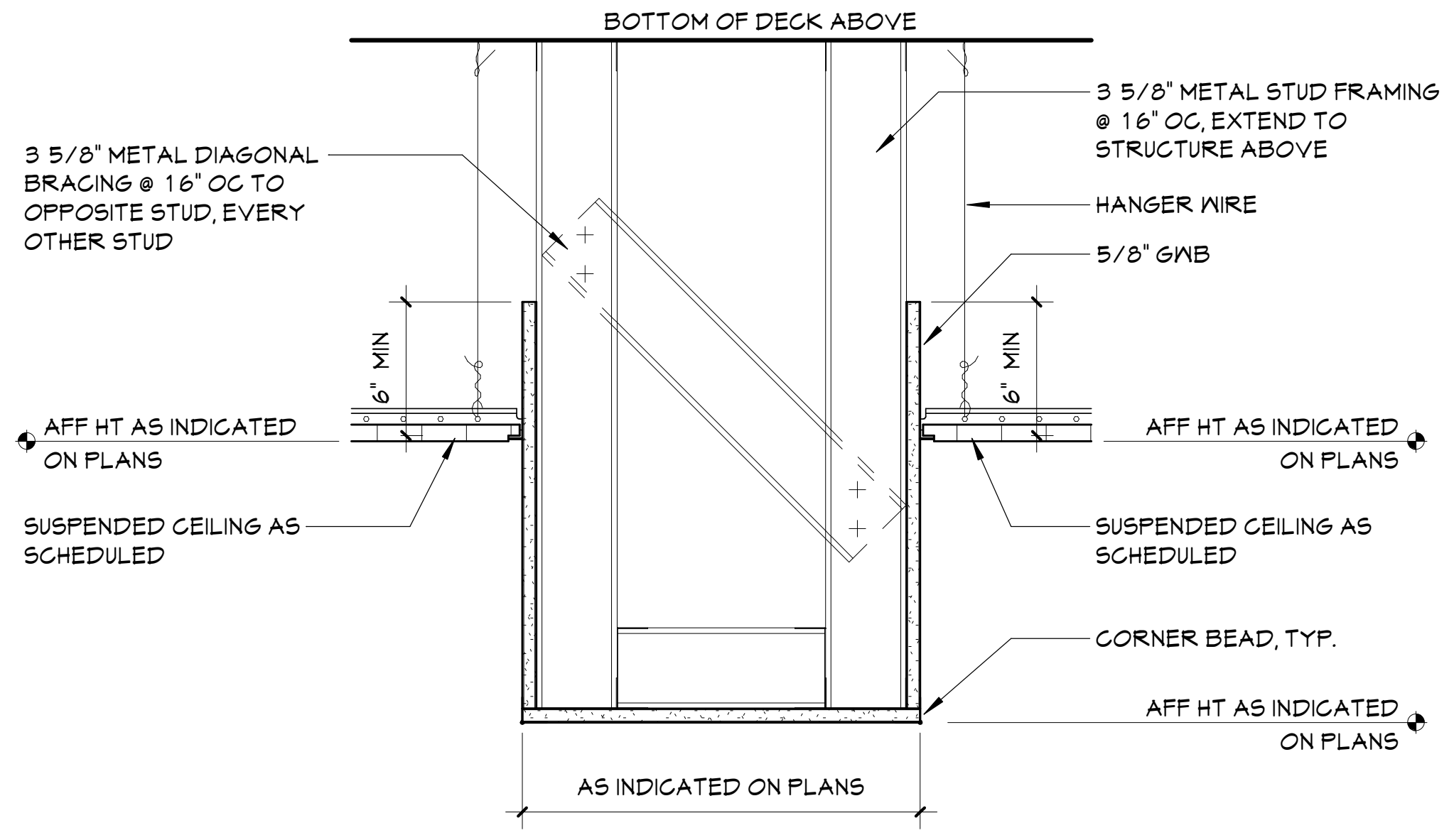
Construction Documents: 12/12/25

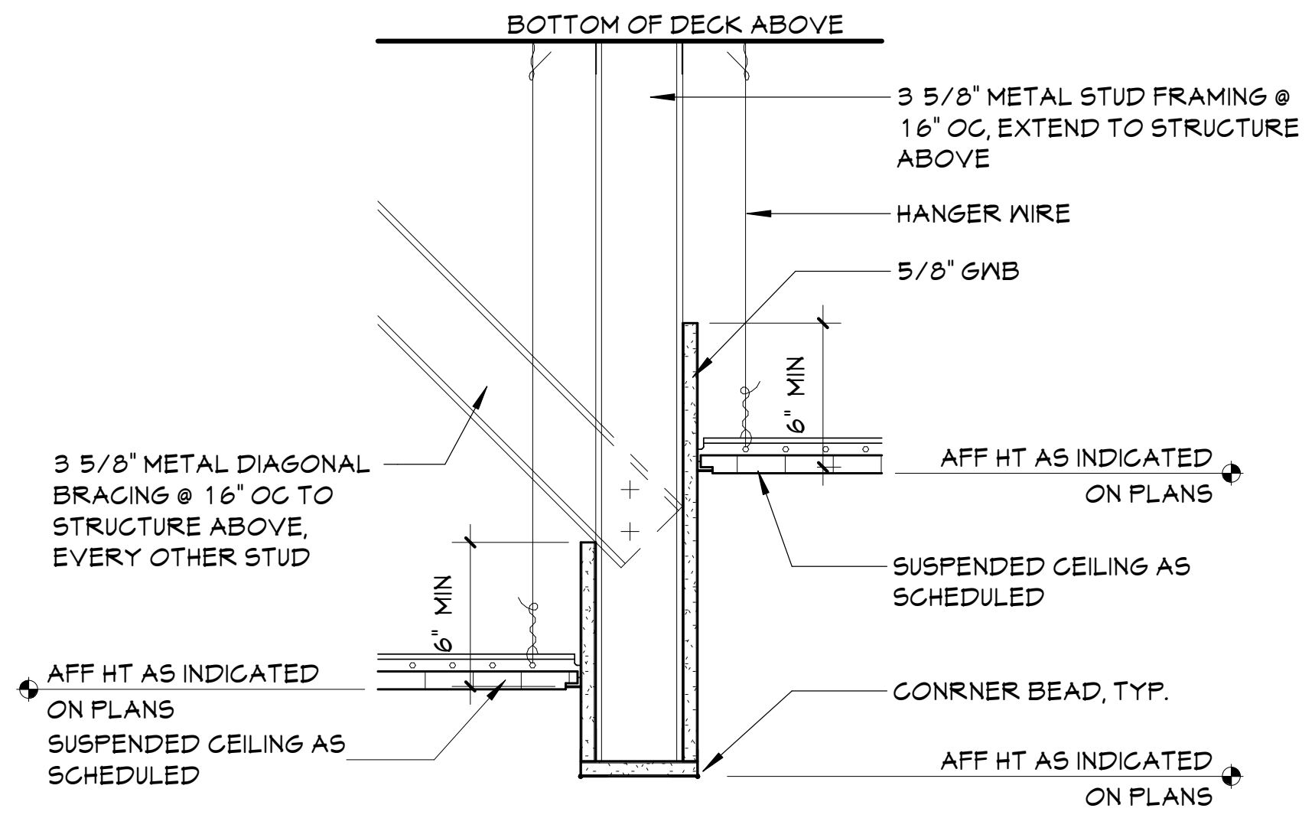
Sheet Title
POOL AREA - NEW WORK REFLECTED CEILING PLAN

Sheet No.
WHS
A821

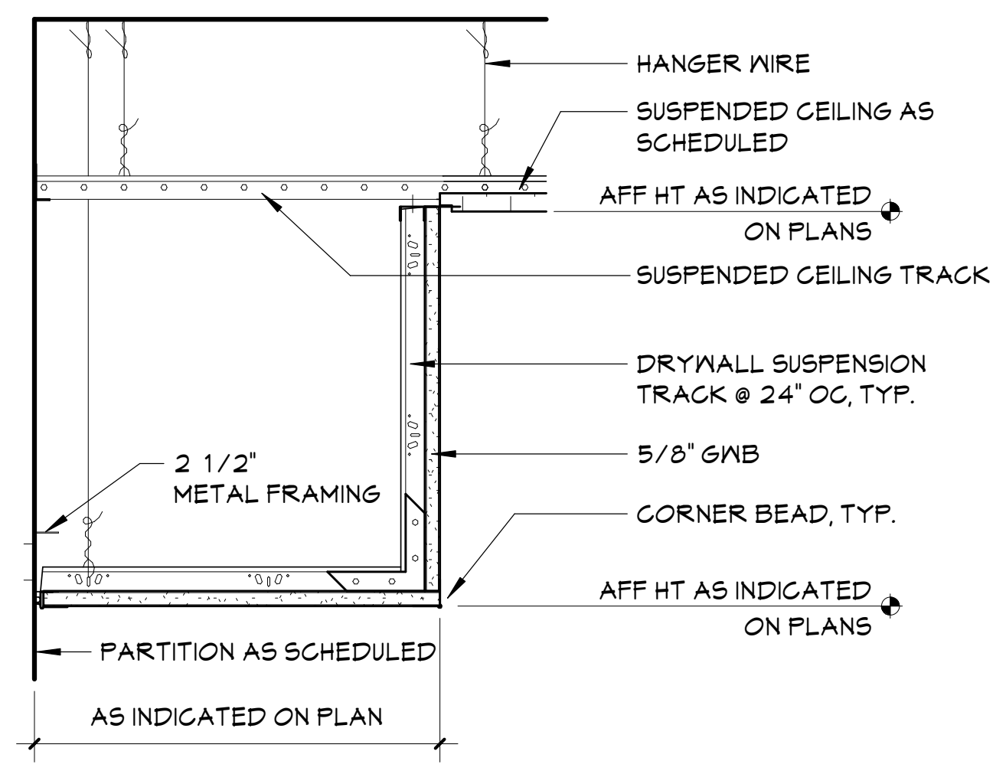
CONSTRUCTION DOCUMENTS


BOTTOM OF DECK ABOVE
3 5/8" METAL STUD FRAMING @ 16" OC, EXTEND TO STRUCTURE ABOVE
3 5/8" METAL DIAGONAL BRACING @ 16" OC TO OPPOSITE STUD, EVERY OTHER STUD
HANGER WIRE
5/8" GWB
6" MIN
6" MIN
AFF HT AS INDICATED ON PLANS
AFF HT AS INDICATED ON PLANS
SUSPENDED CEILING AS SCHEDULED
SUSPENDED CEILING AS SCHEDULED
CORNER BEAD, TYP.
AFF HT AS INDICATED ON PLANS
AS INDICATED ON PLANS

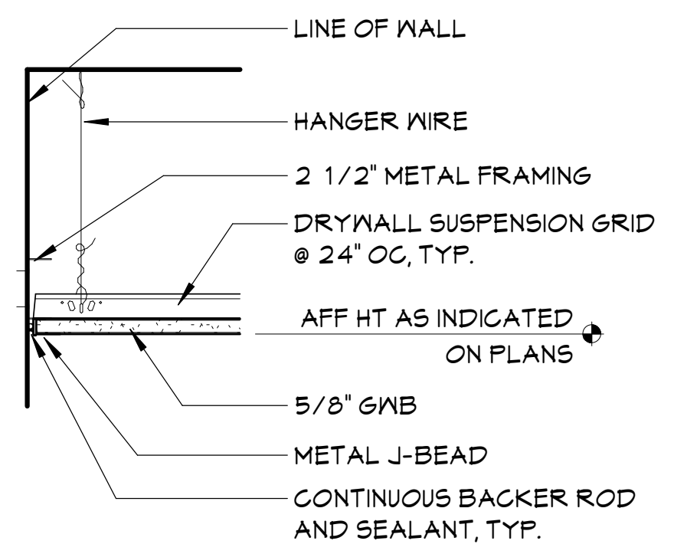
4 SOFFIT DETAIL
A850 1 1/2" = 1'-0"


BOTTOM OF DECK ABOVE
3 5/8" METAL STUD FRAMING @ 16" OC, EXTEND TO STRUCTURE ABOVE
HANGER WIRE
5/8" GWB
6" MIN
AFF HT AS INDICATED ON PLANS
3 5/8" METAL DIAGONAL BRACING @ 16" OC TO STRUCTURE ABOVE, EVERY OTHER STUD
SUSPENDED CEILING AS SCHEDULED
6" MIN
AFF HT AS INDICATED ON PLANS
SUSPENDED CEILING AS SCHEDULED
CONRNER BEAD, TYP.
AFF HT AS INDICATED ON PLANS

3 SOFFIT DETAIL
A850 1 1/2" = 1'-0"


HANGER WIRE
SUSPENDED CEILING AS SCHEDULED
AFF HT AS INDICATED ON PLANS
SUSPENDED CEILING TRACK
DRYWALL SUSPENSION TRACK @ 24" OC, TYP.
2 1/2" METAL FRAMING
5/8" GWB
CORNER BEAD, TYP.
AFF HT AS INDICATED ON PLANS
PARTITION AS SCHEDULED
AS INDICATED ON PLAN

2 CEILING DETAIL
A850 1 1/2" = 1'-0"


LINE OF WALL
HANGER WIRE
2 1/2" METAL FRAMING
DRYWALL SUSPENSION GRID @ 24" OC, TYP.
AFF HT AS INDICATED ON PLANS
5/8" GWB
METAL J-BEAD
CONTINUOUS BACKER ROD AND SEALANT, TYP.

1 CEILING DETAIL
A850 1 1/2" = 1'-0"

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt

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CEILING
DETAILS

Sheet No.

WHS
A850

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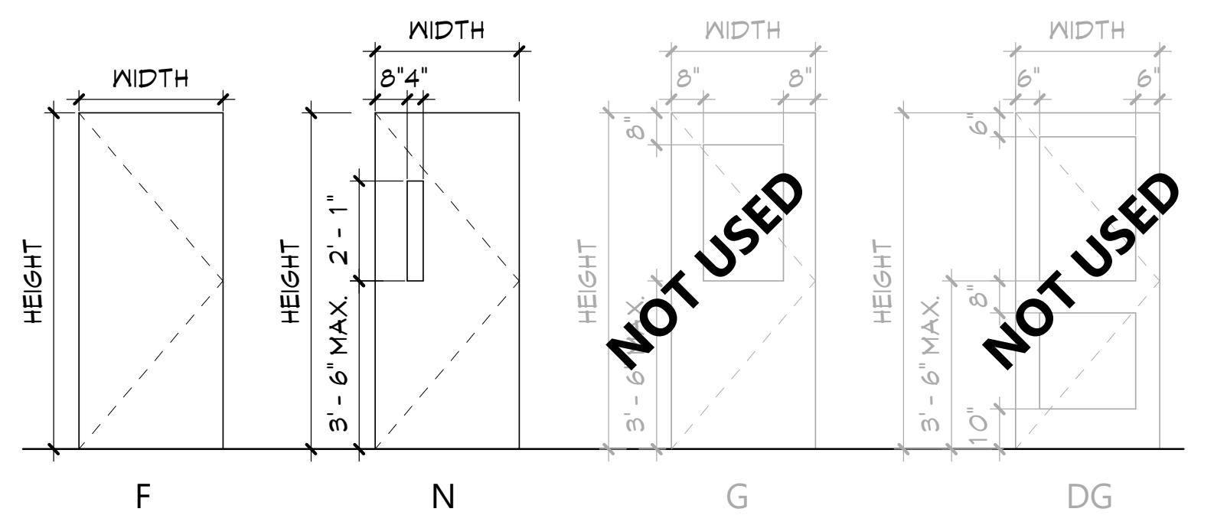
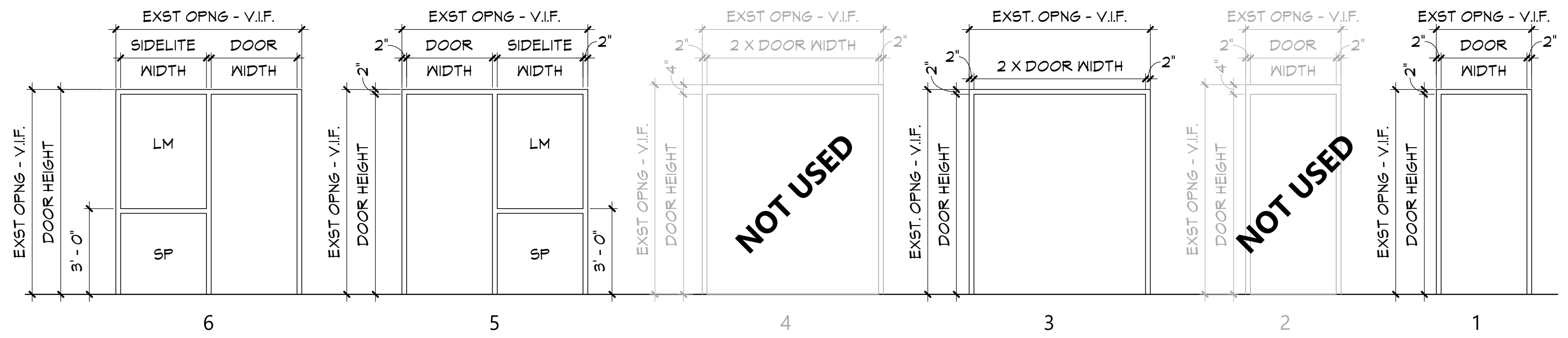
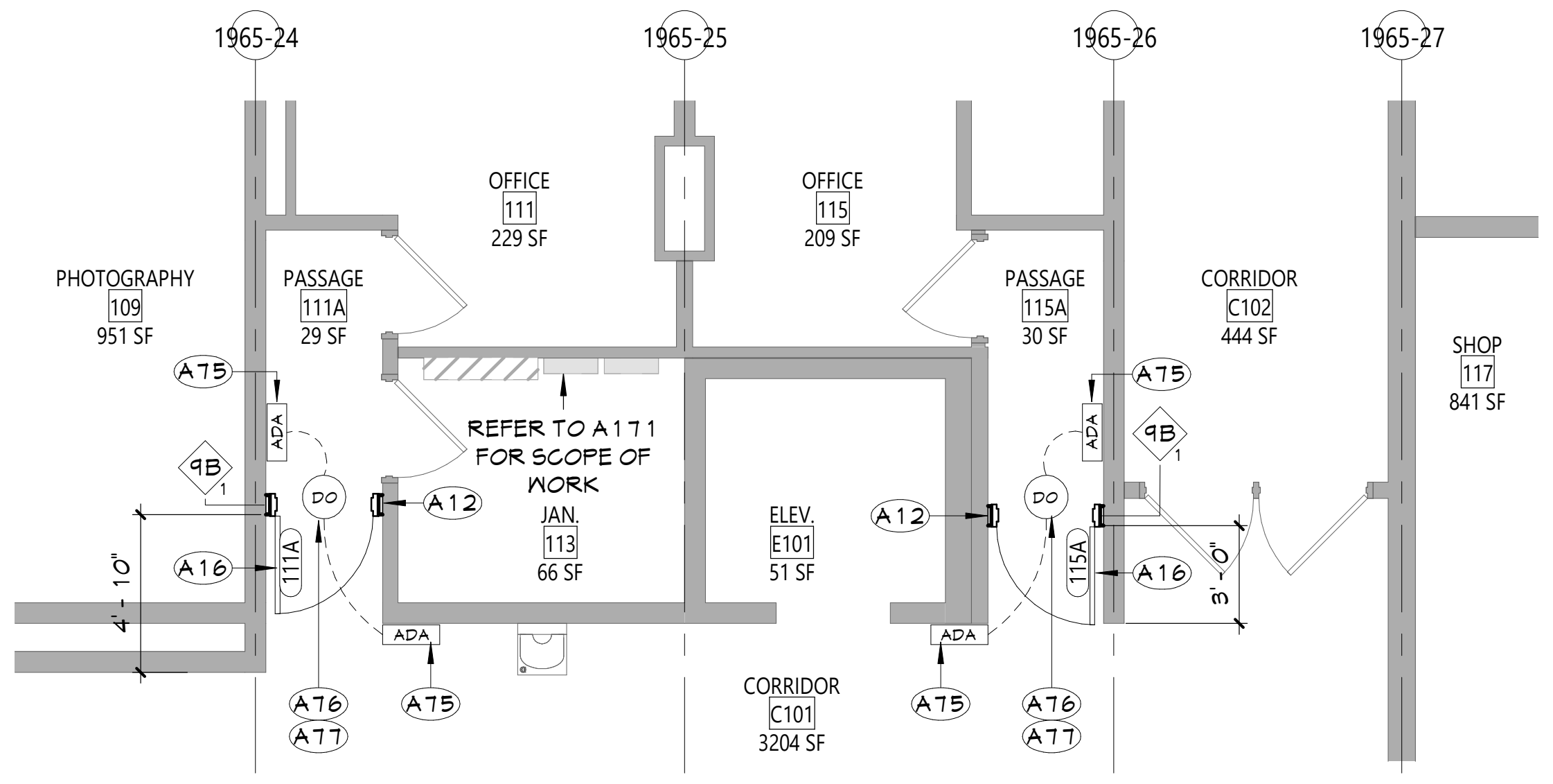


DOOR TYPES
Not to Scale



DOOR FRAME TYPES
Not to Scale



12 CORRIDOR C101 - ENLARGED NEW WORK PLAN
A901 3/16" = 1'-0"

PHASE 3 - DOOR SCHEDULE

DOOR NUMBER	DOOR											FRAME						LABEL (MIN)	GLAZING	HARDWARE	REMARKS	DOOR NUMBER
	QUANTITY	FROM		TO		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL					
GROUND FLOOR																						
111A	1	C101	CORRIDOR	111A	PASSAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	1	HM	PT	11/A901	7/A901	2/A901	20	FR	i1	2	111A
115A	1	C101	CORRIDOR	115A	PASSAGE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	1	HM	PT	11/A901	7/A901	2/A901	20	FR	i1	2	115A
164C	1	164	CAFETERIA A	-	EXTERIOR	3' - 6"	7' - 0"	1 3/4"	F	BFRP	FF	1	ALUM	ANOD	9/A901	5/A901	3C/A901	-	-	e1	3	164C
166B	1	166	CAFETERIA B	-	EXTERIOR	3' - 6"	7' - 0"	1 3/4"	F	BFRP	FF	1	ALUM	ANOD	9/A901	5/A901	3C/A901	-	-	e1	3	166B
168	1	168	CAFETERIA C	-	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	F	BFRP	FF	1	ALUM	ANOD	9/A901	5/A901	3C/A901	-	-	e1	3	168
T180	1	C108A	CORRIDOR	T180	TOILET	3' - 0"	7' - 11"	1 3/4"	F	WD	FF	EXST	HM	PT	8/A901	4/A901	3A/A901	20	-	i3	1	T180
T180A	1	C108A	CORRIDOR	T180A	TOILET	3' - 0"	7' - 11"	1 3/4"	F	WD	FF	EXST	HM	PT	8/A901	4/A901	3A/A901	20	-	i3	1	T180A
T190	1	C110	CORRIDOR	T190	GIRLS TOILET	3' - 0"	7' - 10"	1 3/4"	F	WD	FF	EXST	HM	PT	8/A901	4/A901	3A/A901	20	-	i2	1	T190
T190A	1	C110	CORRIDOR	T190A	BOYS TOILET	3' - 0"	7' - 10"	1 3/4"	F	WD	FF	EXST	HM	PT	8/A901	4/A901	3A/A901	20	-	i2	1	T190A
SECOND FLOOR																						
243A	1	V201	VESTIBULE	243	GIRLS LOCKER RM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	20	-	i9		243A
243B	1	249	POOL AREA	243	GIRLS LOCKER RM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3B/A901	20	-	i4		243B
243BT	1	243B	SHOWERS	243BT	ADA TOILET	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	11/A901	7/A901	3B/A901	-	-	i7		243BT
243CA	1	243	GIRLS LOCKER RM	243C	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i6	1	243CA
243CB	1	245	LOCKER ROOM STORAGE	243C	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	1/A901	-	-	i6	1	243CB
243D	1	243	GIRLS LOCKER RM	243D	CUSTODIAL	2' - 10"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i6	1	243D
243E	1	243	GIRLS LOCKER RM	243E	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	1/A901	-	-	i6		243E
245	1	V201	VESTIBULE	245	LOCKER ROOM STORAGE	3' - 8"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	20	-	i8		245
247A	1	V201	VESTIBULE	247	BOYS LOCKER RM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	20	-	i9		247A
247B	1	249	POOL AREA	247	BOYS LOCKER RM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3B/A901	20	-	i4		247B
247BT	1	247B	SHOWERS	247BT	ADA TOILET	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	10/A901	6/A901	3B/A901	-	-	i7		247BT
247CA	1	247	BOYS LOCKER RM	247C	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i6	1	247CA
247CB	1	245	LOCKER ROOM STORAGE	247C	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	1/A901	-	-	i6	1	247CB
247D	1	247	BOYS LOCKER RM	247D	CUSTODIAL	2' - 10"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i6	1	247D
249	1	249	POOL AREA	C205	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	20	-	i9		249
249A	2	249	POOL AREA	-	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	3	SS	#4	9/A901	5/A901	3C/A901	-	-	e2		249A
249AA	1	249	POOL AREA	249A	GIRLS P.E. OFFICE	3' - 0"	7' - 0"	1 3/4"	N	FRP	FF	5	SS	#4	9/A901	5/A901	3B/A901	20	FR	i5		249AA
249AB	1	243	GIRLS LOCKER RM	249A	GIRLS P.E. OFFICE	2' - 8"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i5	1	249AB
249BA	1	249	POOL AREA	249B	BOYS P.E. OFFICE	3' - 0"	7' - 0"	1 3/4"	N	FRP	FF	6	SS	#4	9/A901	5/A901	3B/A901	20	FR	i5		249BA
249BB	1	249B	BOYS P.E. OFFICE	247	BOYS LOCKER RM	2' - 8"	7' - 0"	1 3/4"	F	FRP	FF	EXST	ALUM	ANOD	8/A901	4/A901	3B/A901	-	-	i5	1	249BB
249C	1	249	POOL AREA	249C	POOL MAINTENANCE ROOM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3C/A901	20	-	i6		249C
249D	1	249D	FIRST AID	249	POOL AREA	2' - 10"	7' - 0"	1 3/4"	N	FRP	FF	1	SS	#4	9/A901	5/A901	3C/A901	20	FR	i12		249D
249E	1	249E	POOL M.E. RM	249C	POOL MAINTENANCE ROOM	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3C/A901	20	-	i6		249E
249EB	2	249E	POOL M.E. RM	-	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	3	SS	#4	9/A901	5/A901	3C/A901	20	-	e2		249EB
S-7	1	249	POOL AREA	S-7	STAIR	3' - 0"	7' - 0"	1 3/4"	N	FRP	FF	1	SS	#4	9/A901	5/A901	3C/A901	20	FR	i11		S-7
THIRD FLOOR																						
343A	1	343	SPECTATOR AREA	343A	TOILET	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	-	-	i10		343A
343B	1	343	SPECTATOR AREA	343B	TOILET	3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	SS	#4	9/A901	5/A901	3A/A901	-	-	i10		343B

REMARKS:

1. PREPARE EXISTING DOOR FRAME TO ACCEPT NEW HARDWARE. REPAIR, PATCH, AND REFINISH EXISTING FRAME AS REQUIRED TO MATCH EXISTING. STRIP ANY EXISTING PAINT PRIOR TO REPAINTING THE FRAME. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PREP NEW DOORS AND FRAMES TO ACCEPT POWERED DOOR OPERATORS. COORDINATE POWERED DOOR OPERATOR INSTALLATIONS WITH NEW ADA PADDLE SWITCHES/ACTUATORS, INCLUDING THE REQUIRED ELECTRICAL AND CONTROLS WIRING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. DOORS WILL BE PROVIDED IN NEW ALUMINUM STOREFRONT SYSTEM.

GENERAL DOOR NOTES:

A. REFER TO SPECIFICATIONS FOR HARDWARE SETS.
B. FIELD VERIFY ALL EXISTING OPENING DIMENSIONS.
C. FIRE RATING OF EXISTING FRAMES TO REMAIN IS UNKNOWN. THE NEW DOOR SLAB SHALL BE RATED PER DOOR SCHEDULE.

GLAZING TYPES

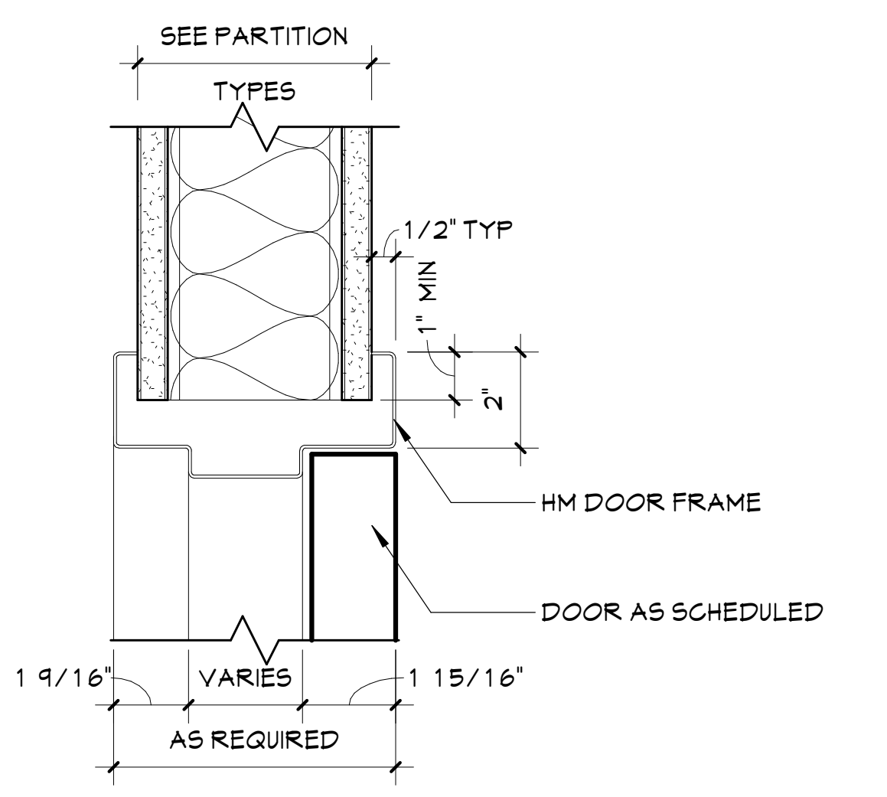
CCL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SP	SPANDREL GLASS
SG	SECURITY GLAZING - LOW-E COATED, INSULATED GLASS (CCL) WITH SPECIFIED SECURITY FILM
BRIG	BALLISTIC RATED, INSULATED GLASS

DOOR/FRAME MATERIALS

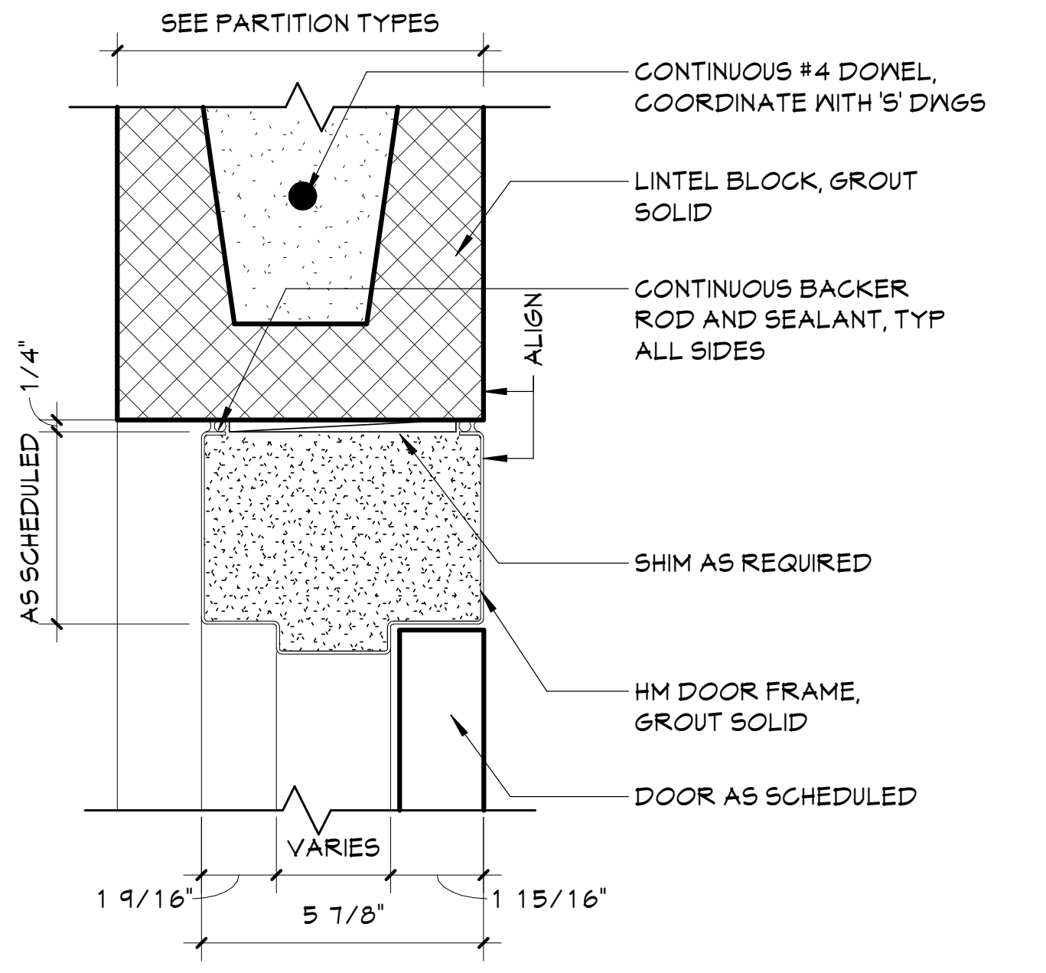
ALUM	ALUMINUM
ANOD	ANODIZED
EXST	EXISTING TO REMAIN
FF	FACTORY FINISH
FRP	FIBERGLASS REINFORCED PLASTIC
BFRP	BALLISTIC-RATED FIBERGLASS REINFORCED POLYMER
HM	HOLLOW METAL
PT	PAINTED
ST	STEEL
SS	STAINLESS STEEL
#4	MILL FINISH (SS)
WD	WOOD

NEW WORK KEYNOTES

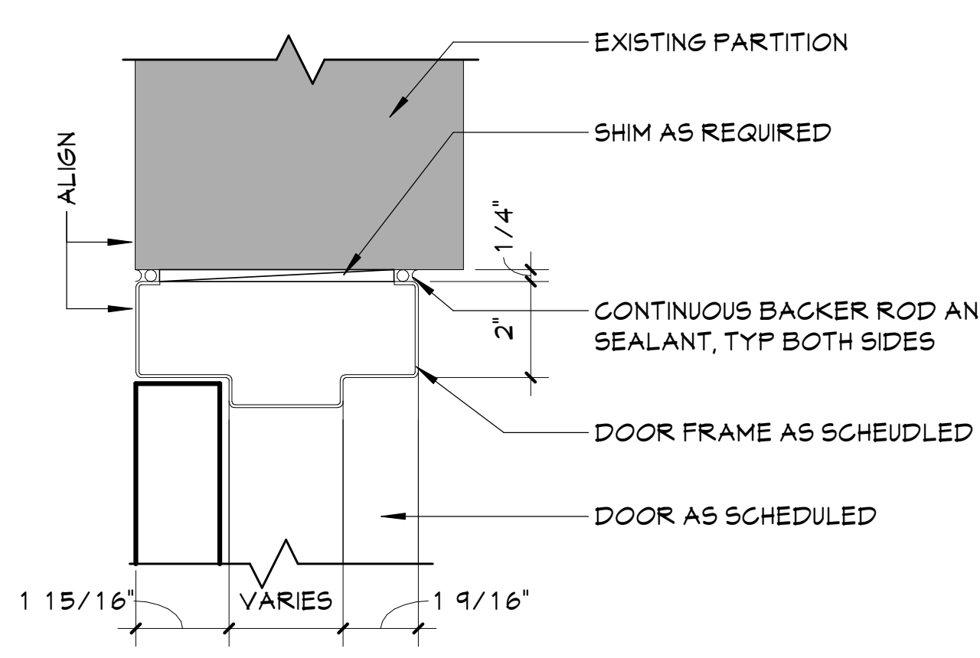
	Description
A12	PROVIDE NEW PARTITION. REFER TO A700 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
A16	PROVIDE NEW DOOR, HARDWARE, AND FRAME. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
A75	PROVIDE SPECIFIED ADA PADDLE SWITCH TIED INTO NEW RELAY AND CONNECT TO DOOR OPERATOR AS INDICATED. COORDINATE WORK WITH OTHER DOOR HARDWARE.
A76	INSTALL POWER SUPPLY/POWER TRANSFER FOR ELECTRIFIED DOOR HARDWARE.
A77	PROVIDE SPECIFIED DOOR OPERATOR AND SPECIFIED SWING SENSOR TIED INTO NEW RELAY AND CONNECT TO ADA PADDLE SWITCH AS INDICATED. COORDINATE WORK WITH OTHER DOOR HARDWARE.



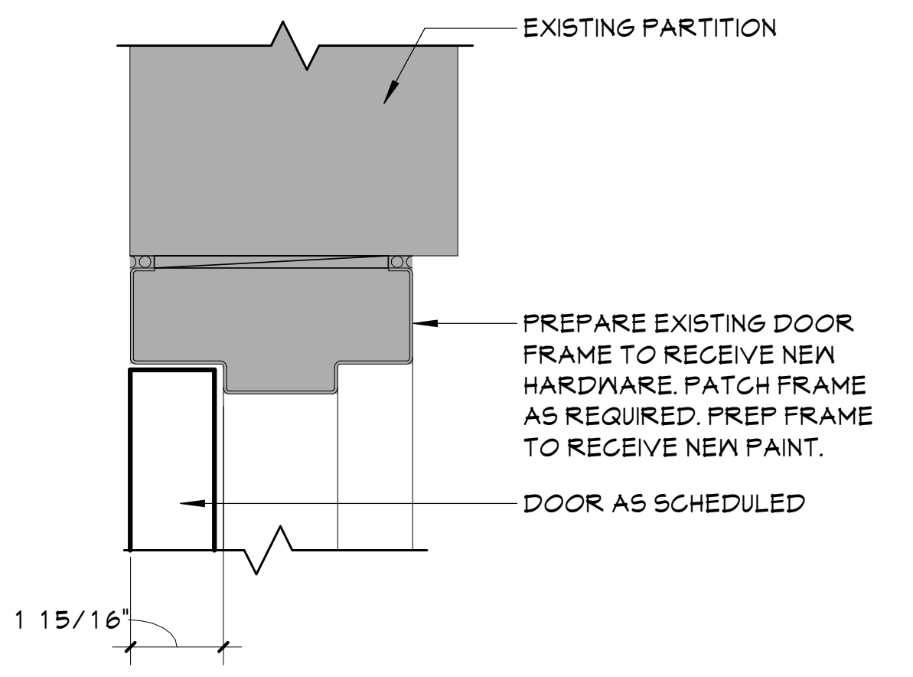
11 HEAD DETAIL
A901 3" = 1'-0"


SEE PARTITION TYPES
CONTINUOUS #4 DOWEL, COORDINATE WITH 'S' DWGS
LINTEL BLOCK, GROUT SOLID
CONTINUOUS BACKER ROD AND SEALANT, TYP ALL SIDES
ALIGN
1/4"
AS SCHEDULED
SHIM AS REQUIRED
HM DOOR FRAME, GROUT SOLID
DOOR AS SCHEDULED
VARIES
1 9/16"
1 15/16"
5 7/8"

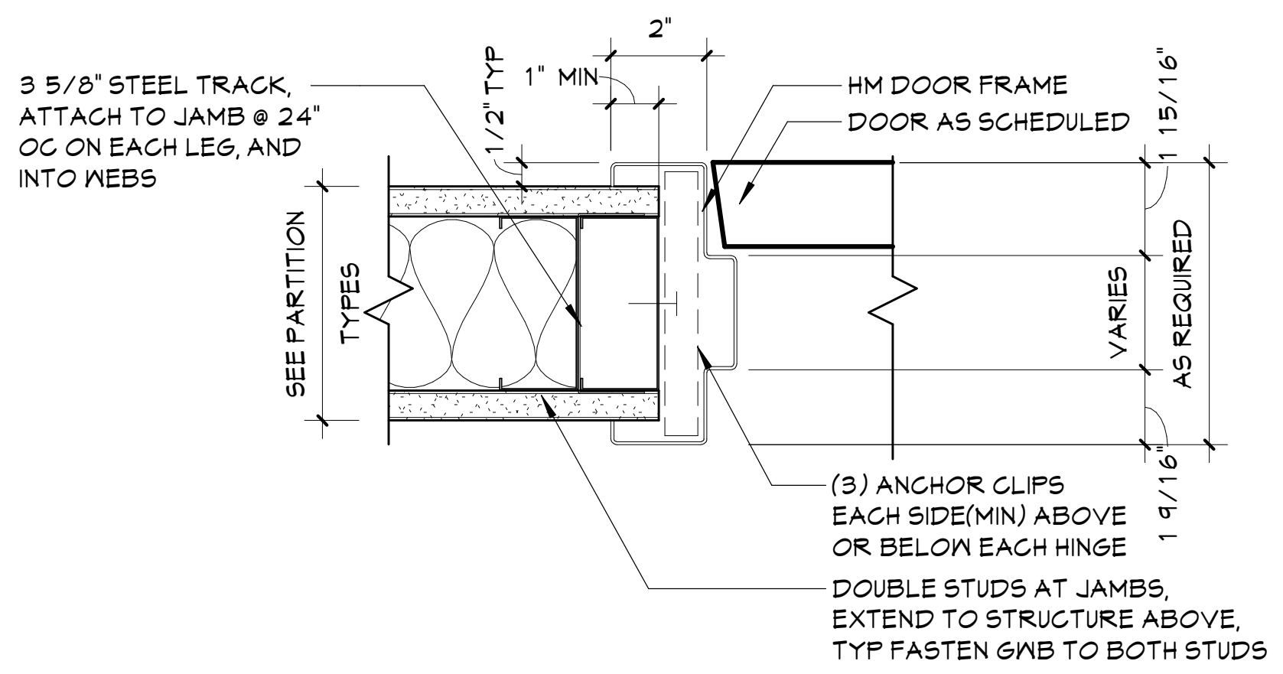
10 HEAD DETAIL
A901 3" = 1'-0"



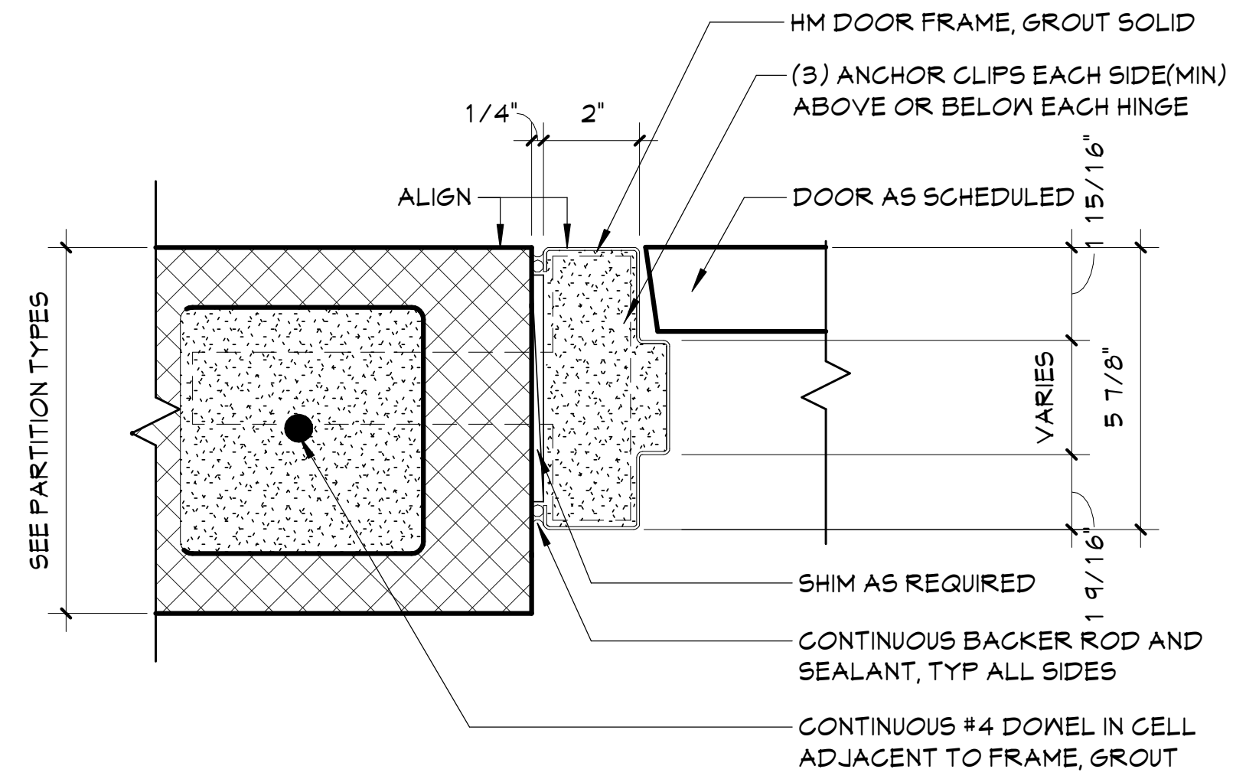
9 HEAD DETAIL
A901 3" = 1'-0"


EXISTING PARTITION
PREPARE EXISTING DOOR FRAME TO RECEIVE NEW HARDWARE. PATCH FRAME AS REQUIRED. PREP FRAME TO RECEIVE NEW PAINT.
DOOR AS SCHEDULED
1 15/16"

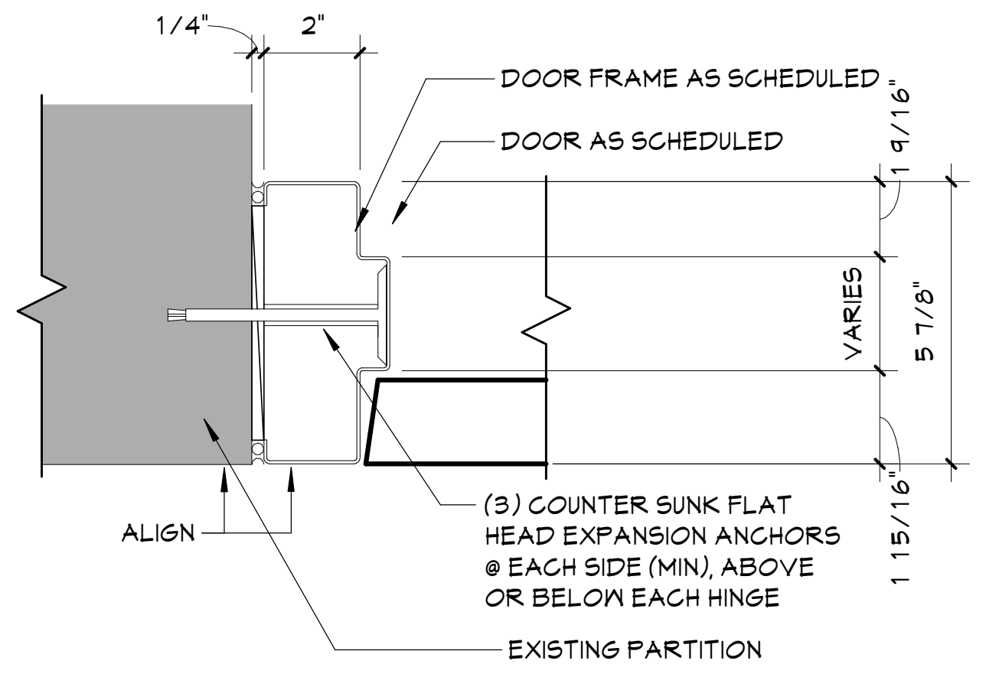
8 HEAD DETAIL
A901 3" = 1'-0"


3 5/8" STEEL TRACK, ATTACH TO JAMB @ 24" OC ON EACH LEG, AND INTO WEBS
1/2" TYP
1" MIN
2"
HM DOOR FRAME
DOOR AS SCHEDULED
1 15/16"
SEE PARTITION TYPES
VARIES
AS REQUIRED
1 9/16"
(3) ANCHOR CLIPS EACH SIDE(MIN) ABOVE OR BELOW EACH HINGE
DOUBLE STUDS AT JAMBS, EXTEND TO STRUCTURE ABOVE, TYP FASTEN GWB TO BOTH STUDS

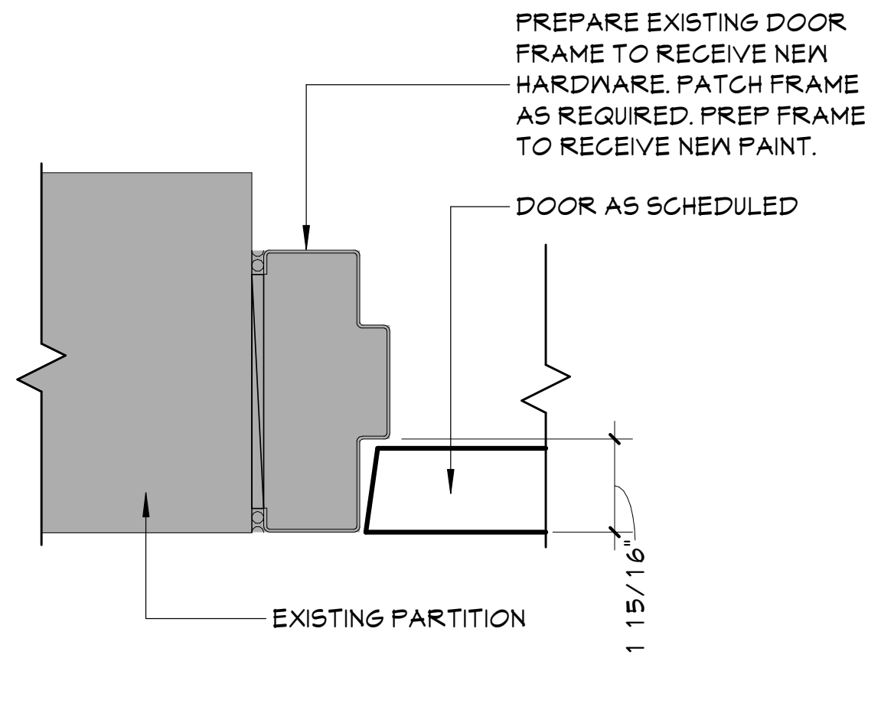
7 JAMB DETAIL
A901 3" = 1'-0"


HM DOOR FRAME, GROUT SOLID
(3) ANCHOR CLIPS EACH SIDE(MIN) ABOVE OR BELOW EACH HINGE
1/4"
2"
ALIGN
DOOR AS SCHEDULED
1 15/16"
SEE PARTITION TYPES
VARIES
5 7/8"
1 9/16"
SHIM AS REQUIRED
CONTINUOUS BACKER ROD AND SEALANT, TYP ALL SIDES
CONTINUOUS #4 DOWEL IN CELL ADJACENT TO FRAME, GROUT SOLID, TYP BOTH JAMBS

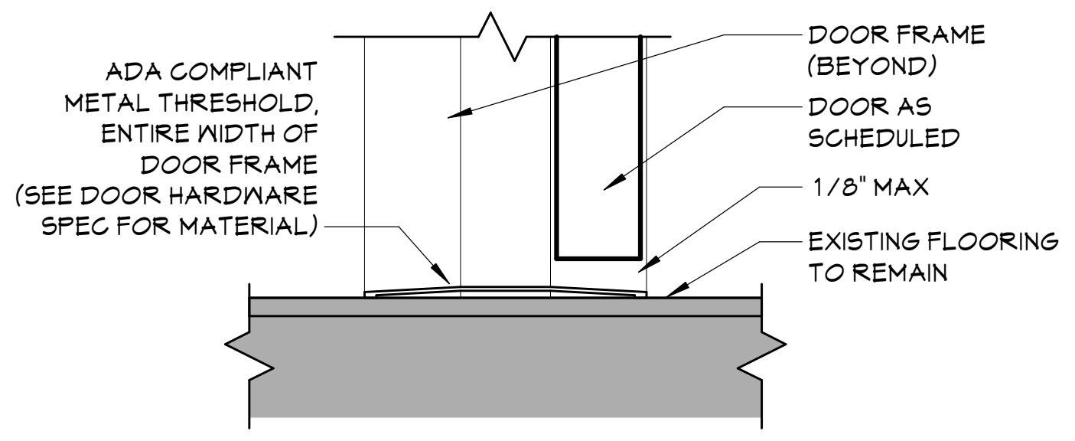
6 JAMB DETAIL
A901 3" = 1'-0"



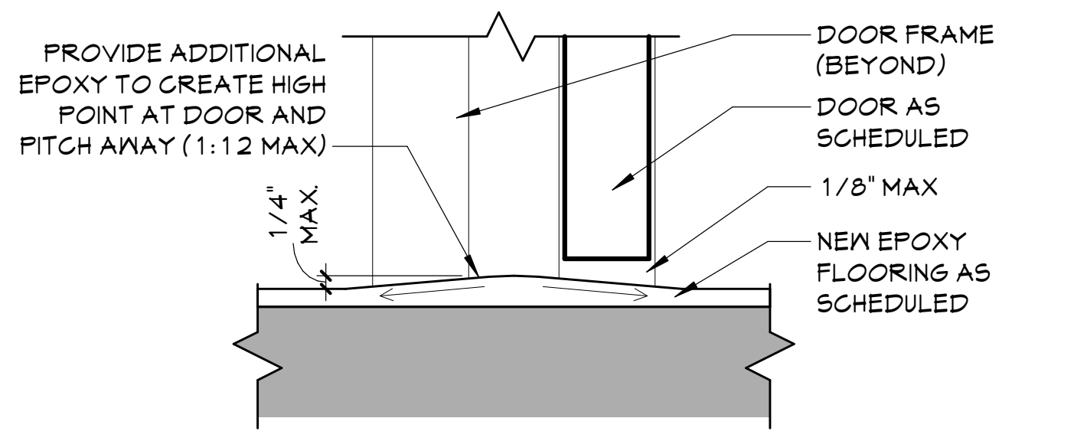
5 JAMB DETAIL
A901 3" = 1'-0"


PREPARE EXISTING DOOR FRAME TO RECEIVE NEW HARDWARE. PATCH FRAME AS REQUIRED. PREP FRAME TO RECEIVE NEW PAINT.
DOOR AS SCHEDULED
EXISTING PARTITION
1 15/16"

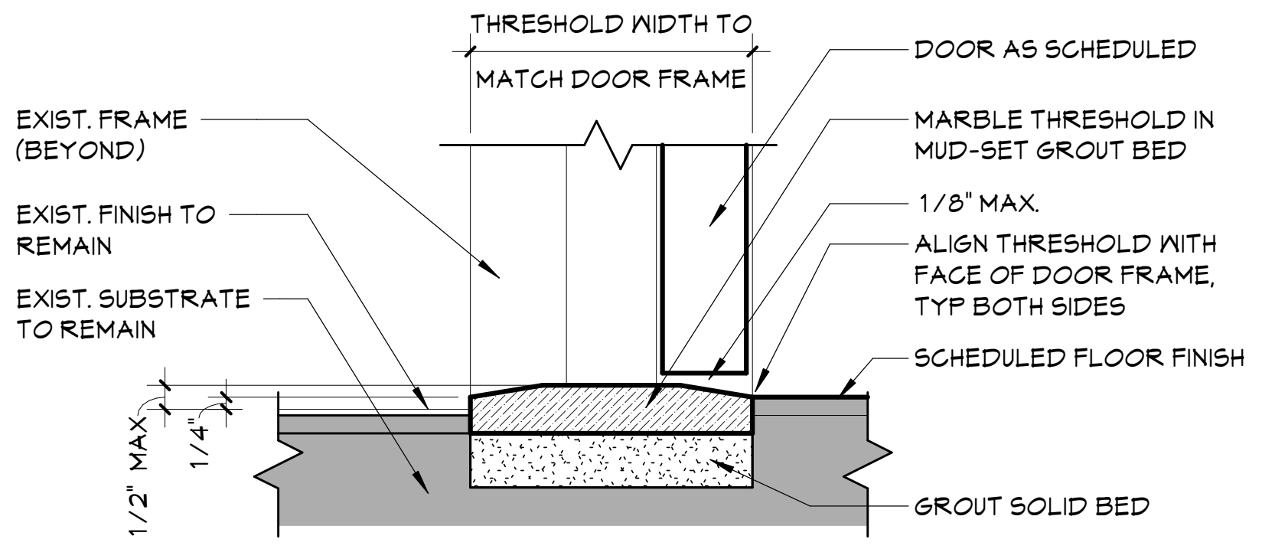
4 JAMB DETAIL
A901 3" = 1'-0"


ADA COMPLIANT METAL THRESHOLD, ENTIRE WIDTH OF DOOR FRAME (SEE DOOR HARDWARE SPEC FOR MATERIAL)
DOOR FRAME (BEYOND)
DOOR AS SCHEDULED
1/8" MAX
EXISTING FLOORING TO REMAIN

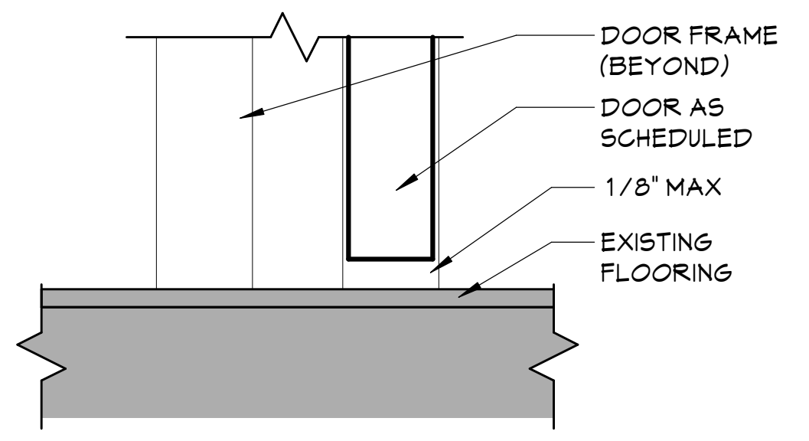
3C THRESHOLD DETAIL
A901 3" = 1'-0"


PROVIDE ADDITIONAL EPOXY TO CREATE HIGH POINT AT DOOR AND PITCH AWAY (1:12 MAX)
1/4" MAX.
DOOR FRAME (BEYOND)
DOOR AS SCHEDULED
1/8" MAX
NEW EPOXY FLOORING AS SCHEDULED

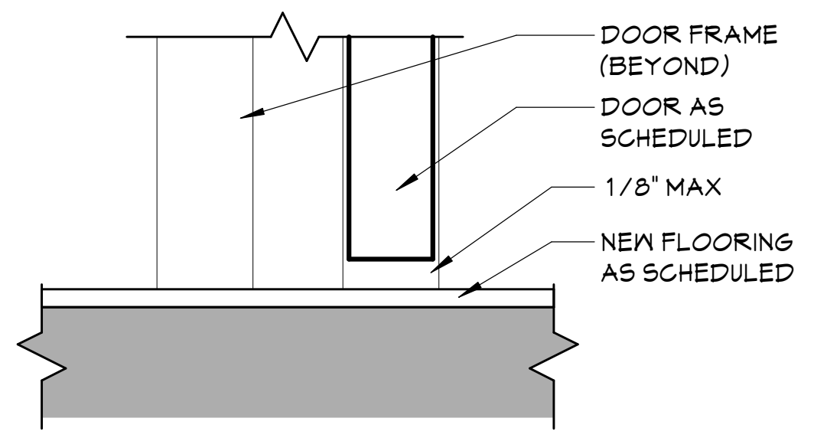
3B THRESHOLD DETAIL
A901 3" = 1'-0"


THRESHOLD WIDTH TO MATCH DOOR FRAME
EXIST. FRAME (BEYOND)
EXIST. FINISH TO REMAIN
EXIST. SUBSTRATE TO REMAIN
1/2" MAX
1/4"
DOOR AS SCHEDULED
MARBLE THRESHOLD IN MUD-SET GROUT BED
1/8" MAX.
ALIGN THRESHOLD WITH FACE OF DOOR FRAME, TYP BOTH SIDES
SCHEDULED FLOOR FINISH
GROUT SOLID BED

3A THRESHOLD DETAIL
A901 3" = 1'-0"



2 SILL DETAIL
A901 3" = 1'-0"



1 SILL DETAIL
A901 3" = 1'-0"

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845 · 561 · 3179 www.csarchpc.com

Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. FITZENTHALER 023344
REGISTRATION EXPIRATION DATE: 02/29/2028

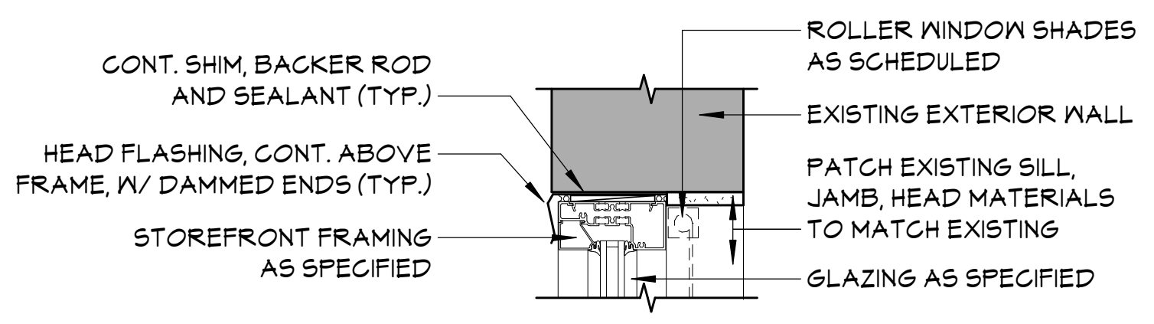
#	DATE	DESCRIPTION

Drawn By:	SI
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
DOOR SCHEDULE, DETAILS & ENLARGED PLAN

Sheet No.
WHS A901

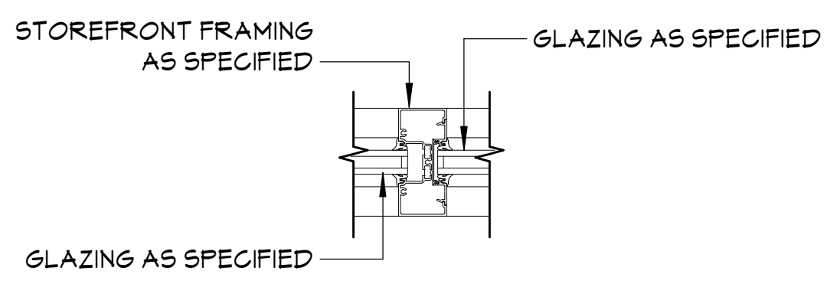
CONSTRUCTION DOCUMENTS


CONT. SHIM, BACKER ROD AND SEALANT (TYP.)
HEAD FLASHING, CONT. ABOVE FRAME, W/ DAMMED ENDS (TYP.)
STOREFRONT FRAMING AS SPECIFIED
ROLLER WINDOW SHADES AS SCHEDULED
EXISTING EXTERIOR WALL
PATCH EXISTING SILL, JAMB, HEAD MATERIALS TO MATCH EXISTING
GLAZING AS SPECIFIED

4 STOREFRONT - HEAD

A902

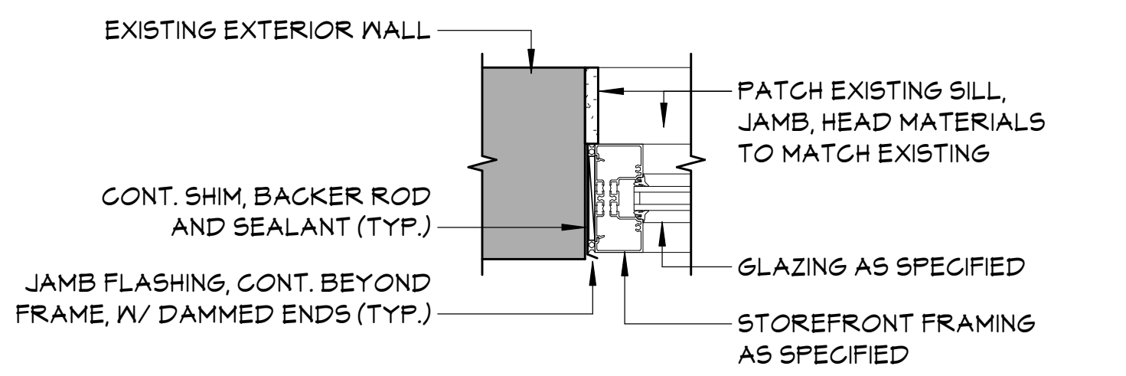
1 1/2" = 1'-0"



6 STOREFRONT - VERT. MULLION

A902

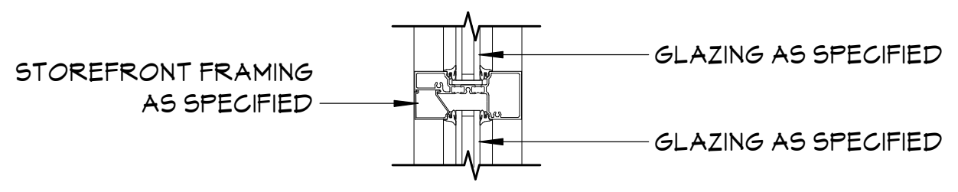
1 1/2" = 1'-0"


EXISTING EXTERIOR WALL
CONT. SHIM, BACKER ROD AND SEALANT (TYP.)
JAMB FLASHING, CONT. BEYOND FRAME, W/ DAMMED ENDS (TYP.)
PATCH EXISTING SILL, JAMB, HEAD MATERIALS TO MATCH EXISTING
GLAZING AS SPECIFIED
STOREFRONT FRAMING AS SPECIFIED

3 STOREFRONT - JAMB

A902

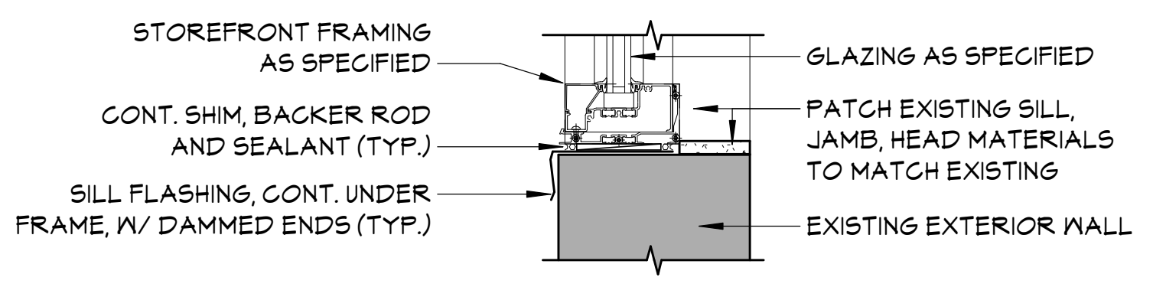
1 1/2" = 1'-0"



5 STOREFRONT - HORIZ. MULLION

A902

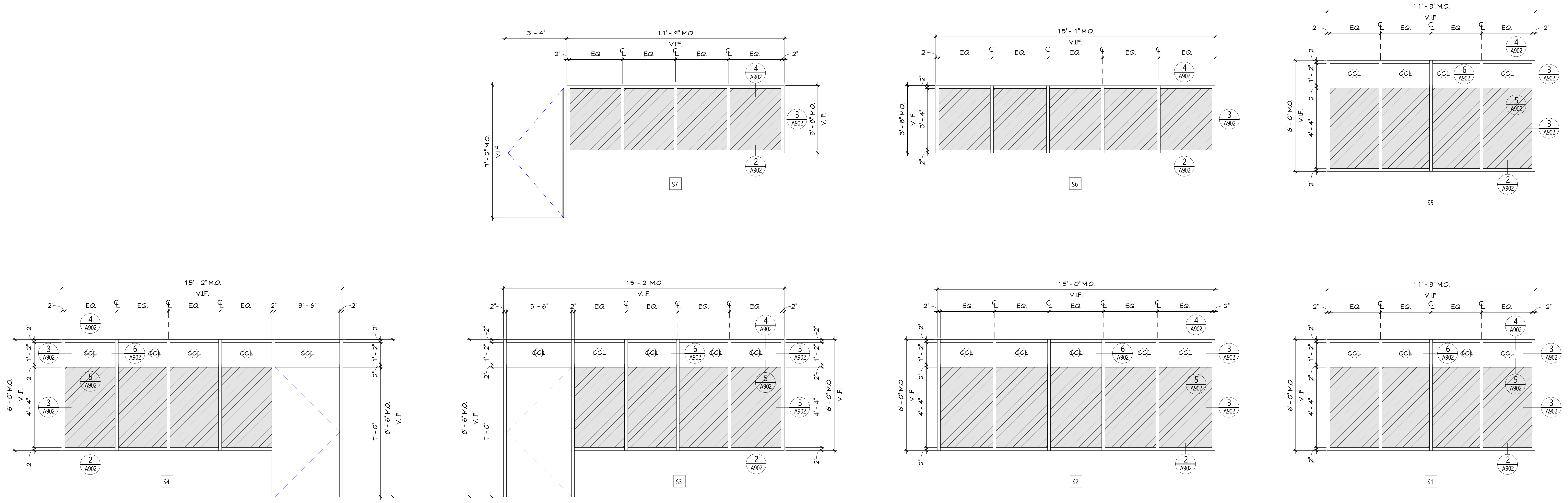
1 1/2" = 1'-0"


STOREFRONT FRAMING AS SPECIFIED
CONT. SHIM, BACKER ROD AND SEALANT (TYP.)
SILL FLASHING, CONT. UNDER FRAME, W/ DAMMED ENDS (TYP.)
GLAZING AS SPECIFIED
PATCH EXISTING SILL, JAMB, HEAD MATERIALS TO MATCH EXISTING
EXISTING EXTERIOR WALL

2 STOREFRONT - SILL

A902

1 1/2" = 1'-0"



1 STOREFRONT TYPES

A902

3/8" = 1'-0"

NOTES: GLASS FOR SYSTEMS INDICATED ABOVE SHALL BE 'CCL' LOW-E COATED, INSULATED GLASS AS SPECIFIED, UNLESS NOTED OTHERWISE.

GLAZING TYPES

CCL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SP	SPANDREL GLASS
SG	SECURITY GLAZING - LOW-E COATED, INSULATED GLASS (CCL) WITH SPECIFIED SECURITY FILM
BRIG	BALLISTIC RATED, INSULATED GLASS

WINDOW/STOREFRONT NOTES

NOTES APPLY TO ALL FRAME ELEVATION SHEETS:

1. REFERENCE PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. VERIFY MASONRY & ROUGH OPENINGS, INCLUDING BUT NOT LIMITED TO STRUCTURAL LINTEL LOCATIONS, PRIOR TO FABRICATION.
3. COORDINATE REQUIRED TOLERANCES IN ALL DIMENSIONS NEEDED TO MANUFACTURE AND INSTALL WINDOWS AND STOREFRONT INCLUDING SUBFRAMES, AS REQUIRED.
4. CONTINUOUSLY SEAL ALL INTERIOR & EXTERIOR SIDES OF STOREFRONT AND SUBFRAMES ABUTTING DISSIMILAR MATERIALS AT JAMBS, HEADS, AND SILLS, TYPICALLY.
5. PROVIDE APPROPRIATE ANCHORAGE SYSTEM FOR ALL CONDITIONS TO SECURE WINDOWS IN ROUGH OPENINGS. PROVIDE SUBFRAMING AS SHOWN ON DETAILS AND/OR SPECIFIED.
6. SEE HEAD, JAMB, AND SILL DETAILS FOR MORE INFORMATION.
7. PROVIDE FOR THERMAL EXPANSION AT ALL EXTERIOR STOREFRONT SYSTEMS.
8. COORDINATE FRAMES WITH PLAN WHEN MORE THAN ONE CONSTRUCTION DETAIL IS REFERENCED.
9. AS REQUIRED FOR DESIGN LOADING, WINDOW MANUFACTURER SHALL PROVIDE MULLION REINFORCING AND VERTICAL EXTENSIONS UP TO STRUCTURE ABOVE (ATTACHMENT TO STRUCTURE BY MANUFACTURER). PROVIDE DEFLECTION TRACK AT THE HEAD OF THE ASSEMBLIES. SEE SECTIONS AND DETAILS FOR ADDITIONAL WORK RELATING TO STOREFRONT SYSTEM.
10. OVERALL DIMENSIONS OF STOREFRONT ARE APPROXIMATE. CONTRACTOR TO COORDINATE REQUIRED TOLERANCES IN ALL DIMENSIONS NEEDED TO MANUFACTURE AND INSTALL STOREFRONT, INCLUDING SUBFRAMES, AS REQUIRED. CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS IN THE FIELD WITH THOSE SHOWN ON ALL DRAWINGS, INCLUDING DETAILS SHOWN ON OTHER SHEETS, PRIOR TO FABRICATION. DIMENSIONS ARE PROVIDED FOR DESIGN INTENT.
11. AT ALL LOCATIONS WHERE EXISTING WINDOWS ARE REPLACED, PREPARE, PRIME AND PAINT ALL STEEL LINTLES.
12. REMOVE UNUSED ANCHORS/SCREWS/NAILS/ BRACKETS AND OTHER EXTRANEOUS ITEMS, FROM EXISTING WINDOW SYSTEMS, NO LONGER IN USE WITH CARE UNLESS IDENTIFIED TO REMAIN. AVOID SPALLING AND CRACKING OF MASONRY/STUCCO. PATCH HOLES WHERE ITEMS ARE REMOVED.
13. PROVIDE ALL SHORING AND BRACING REQUIRED TO PREVENT MOVEMENT, DISPLACEMENT, DEFORMATION AND TO PREVENT EXCESSIVE STRESS ON ALL BUILDING ELEMENTS AND MATERIALS TO REMAIN. ALL SHORING AND BRACING REQUIRED SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND EMPLOYED OR ENGAGED BY THE CONTRACTOR AND SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL SHORING AND BRACING DESIGN SHALL BE SUBMITTED FOR REVIEW BEFORE BEGINNING WORK.
14. WHERE LIGHT FIXTURES, CONDUITS, AND OTHER ITEMS HAVE BEEN REMOVED, PATCH IN KIND MATERIAL TO MATCH EXISTING IN APPEARANCE, STRENGTH AND CONSISTENCY.
15. REPAIR, RESTORE, OR REPLACE AS REQUIRED ALL INTERIOR FINISHES THAT ARE DAMAGED, DETERIORATED, OR REMOVED FOR THIS WORK. AT THE COMPLETION OF THE WORK, ALL INTERIOR FINISHES SHALL BE IN A CONDITION AT LEAST AS GOOD OR BETTER THAN THEY WERE PRIOR TO THE START OF WORK. MATCH ALL INTERIOR FINISHES TO EXISTING IN APPEREANCE, ALIGNMENT, STRENGTH, FIRE RESISTANCE RATING AND CONSISTENCY.

WINDOW/STOREFRONT LEGEND

▨ INSULATED PANEL

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Project Title

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WASHINGTONVILLE HIGH SCHOOL
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THOMAS M. RITZENTHALER
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Sheet Title

STOREFRONT
& WINDOW
ELEVATIONS &
DETAILS

Sheet No.

WHS
A902

CONSTRUCTION DOCUMENTS

MATERIALS LEGEND

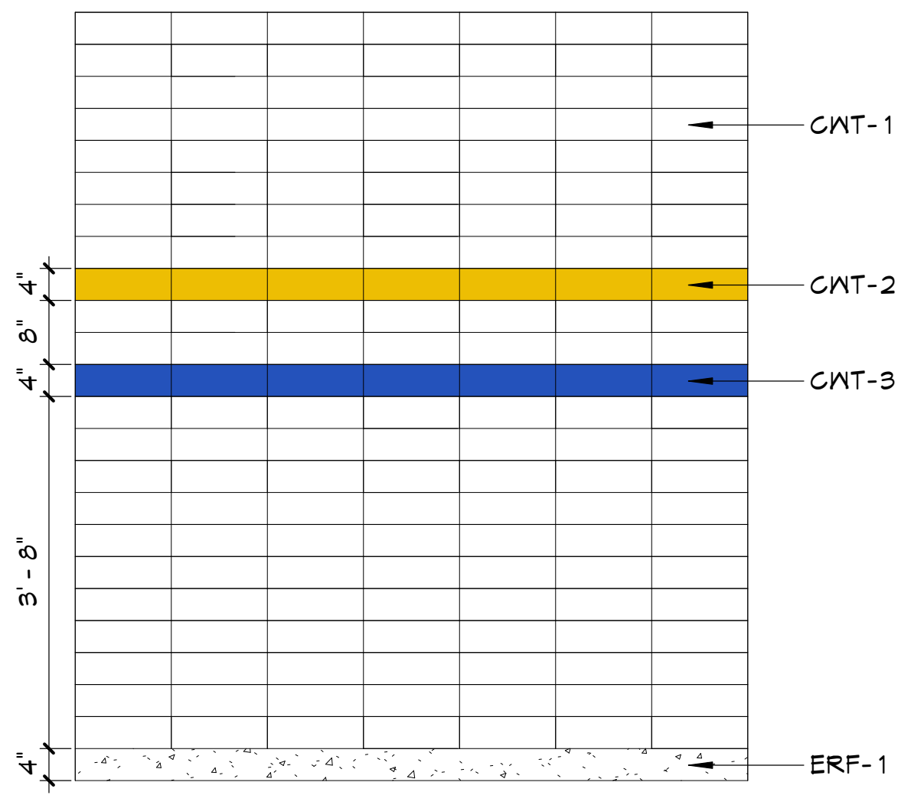
MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
CERAMIC FLOOR TILE					
WHS-CFT-1	DALTILE	KEYSTONES MOSAICS	ARCTIC WHITE D617 OR CLOSER MATCH TO EXISTING	1" X 1"	POOL FLOOR PATCH/INFILL, POOL WALL PATCH/INFILL TO ACCOMMODATE GUTTER REPLACEMENT - ABOUT 1'-11" ALONG PERIMETER WALLS
WHS-CFT-2	DALTILE	KEYSTONES MOSAICS	SUNSHINE D620	1" X 1"	DEPTH MARKER BACKGROUND
WHS-CFT-3	DALTILE	KEYSTONES MOSAICS	NAUTICAL BLUE D621	1" X 1"	TILING BETWEEN DEPTH MARKERS
WHS-CFT-4	DALTILE	KEYSTONES MOSAICS	BLACK D311	1" X 1"	DEPTH MARKER LETTERING
CERAMIC TILE BASE					
WHS-CTB-1	AMERICAN OLEAN	COLOR STORY WALL	MATTE DESIGNER WHITE 0061	4" X 4"	KITCHEN PATCH, COVE BASE
CERAMIC WALL TILE					
WHS-CWT-1	AMERICAN OLEAN	COLOR STORY WALL	ICE WHITE 0025	4" X 12"	TYP.
WHS-CWT-2	AMERICAN OLEAN	COLOR STORY WALL	LEMON ZEST 0075	4" X 12"	ACCENT
WHS-CWT-3	AMERICAN OLEAN	COLOR STORY WALL	SAPPHIRE SKY 0070	4" X 12"	ACCENT
WHS-CWT-4	AMERICAN OLEAN	COLOR STORY WALL	MATTE DESIGNER WHITE 0061	4" X 4"	KITCHEN PATCH
EPOXY RESINOUS FLOORING					
WHS-ERF-1	STONHARD	MD FLOORING SYSTEM	FLAGSTONE	-	COVE BASE TYP. NO COVE BASE AT CWT LOCATIONS
METAL TRIM					
WHS-MT-1	SCHLUTER				BASE
PAINT					
WHS-PNT-1	SHERWIN WILLIAMS	EGGSHELL	SW 7071 GRAY SCREEN	-	TYP. WALL PAINT
WHS-PNT-2	SHERWIN WILLIAMS	SEMI-GLOSS	SW 7073 NETWORK GRAY	-	HM DOOR FRAMES
WHS-PNT-3	SHERWIN WILLIAMS	FLAT	SW 7005 PURE WHITE	-	GYP. CEILING/CONCRETE CEILING
WHS-PNT-4	SHERWIN WILLIAMS	HIGH PERFORMANCE	SW 7071 GRAY SCREEN	-	POOL WALLS
WHS-PNT-5	SHERWIN WILLIAMS	EGGSHELL	MATCH EXISTING FIELD	-	CORRIDOR PATCH
WHS-PNT-6	SHERWIN WILLIAMS	EGGSHELL	MATCH EXISTING ACCENT STRIPE (PANTONE 108 OR CLOSER MATCH)	-	CORRIDOR PATCH
WHS-PNT-7	SHERWIN WILLIAMS	EGGSHELL	MATCH EXISTING CASEWORK/LOCKER CASING PAINT	-	CORRIDOR PATCH
WHS-PNT-8	SHERWIN WILLIAMS	HIGH PERFORMANCE	MATCH PANTONE 287	-	POOL ACCENT COLUMNS
WHS-PNT-9	SHERWIN WILLIAMS	HIGH PERFORMANCE - FLAT	MATCH PANTONE 287	-	POOL SOFFIT
QUARRY FLOOR TILE					
WHS-QFT-1	AMERICAN OLEAN	QUARRY NATURALS	SHADOW GRAY 0N46	6" X 6"	KITCHEN FLOOR PATCH, MATTE FINISH
SOLID SURFACE					
WHS-SS-1	DUPONT	CORIAN	GLACIER ICE	-	WALL CAP, COUNTERTOPS IN TOILET ROOMS

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR		Wall Finish	Accent_Wall	CEILING	Comments
		FINISH	BASE				
-	ST.	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
-	ST.	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
-	ST.	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
-	ST.	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
101A	STORAGE	ETR	ETR	ETR/WHS-PNT-5			
101V	RECEPTION	ETR	ETR	ETR/WHS-PNT-5			
102	GUIDANCE	ETR	ETR	ETR/WHS-PNT-5			
103	ART ROOM	ETR	ETR	ETR/WHS-PNT-5			
104	MAIN OFFICE	ETR	ETR	ETR/WHS-PNT-5			
104G	CONF.	ETR	ETR	ETR/WHS-PNT-5			
105	STORAGE	ETR	ETR	ETR/WHS-PNT-5			
106	COPY RM	ETR	ETR	ETR/WHS-PNT-5			
107	ART ROOM	ETR	ETR	ETR/WHS-PNT-5			
111A	PASSAGE	ETR	ETR	ETR/WHS-PNT-5			
115A	PASSAGE	ETR	ETR	ETR/WHS-PNT-5			
116	ART ROOM	ETR	ETR	ETR/WHS-PNT-5			
116A	BOUTIQUE/STORAGE	ETR	ETR	ETR/WHS-PNT-5			
205	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
206	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
207	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
208	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
209	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
210	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
211	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
212	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
213	CLASSROOM	ETR	ETR	ETR/WHS-PNT-5			
243	GIRLS LOCKER RM	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1		WHS-PNT-3	SS CAP ON WALL, PROVIDE VINYL DECAL LOGO IN BETWEEN TOPCOATS OF ERF
243A	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
243B	SHOWERS	WHS-ERF-1	WHS-MT-1	WHS-CWT-1		WHS-PNT-3	FULL HEIGHT CWT, WHS-CFT-1 INFILL AS NEEDED
243BT	ADA TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
243C	STORAGE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
243D	CUSTODIAL	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
243E	STORAGE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
245	LOCKER ROOM STORAGE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
247	BOYS LOCKER RM	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1		WHS-PNT-3	SS CAP ON WALL, PROVIDE VINYL DECAL LOGO IN BETWEEN TOPCOATS OF ERF
247A	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
247B	SHOWERS	WHS-ERF-1	WHS-MT-1	WHS-CWT-1		WHS-PNT-3	FULL HEIGHT CWT
247BT	ADA TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
247C	STORAGE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
247D	CUSTODIAL	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
249	POOL AREA	WHS-ERF-1/CFT-1,2,3,4	WHS-ERF-1	WHS-PNT-4	WHS-PNT-8	WHS-PNT-9 SOFFIT	
249A	GIRLS P.E. OFFICE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1		WHS-PNT-3	
249A1	TOILET	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
249B	BOYS P.E. OFFICE	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1		WHS-PNT-3	
249B1	TOILET	WHS-ERF-1	WHS-ERF-1	WHS-PNT-1			
249C	POOL MAINTENANCE ROOM	WHS-ERF-1	WHS-ERF-1	WHS-PNT-4			
343	SPECTATOR AREA	ETR	ETR	WHS-PNT-4	WHS-PNT-8	WHS-PNT-9 SOFFIT	
343A	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
343B	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
C101	CORRIDOR	ETR	ETR	ETR/WHS-PNT-5	WHS-PNT-6 ACCENT STRIPE, WHS-PNT-7 PATCH AS NEEDED		
C201	CORRIDOR	ETR	ETR	ETR/WHS-PNT-5	WHS-PNT-6 ACCENT STRIPE, WHS-PNT-7 PATCH AS NEEDED		
K101	KITCHEN	ETR/WHS-QFT-1	ETR/WHS-CTB-1	ETR/WHS-CWT-4			SS CAP ON WALL
T180	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
T180A	TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
T190	GIRLS TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
T190A	BOYS TOILET	WHS-ERF-1	WHS-MT-1	WHS-CWT-1			FULL HEIGHT CWT
V301	VESTIBULE	ETR	ETR	ETR/WHS-PNT-5	WHS-PNT-6 ACCENT STRIPE, WHS-PNT-7 PATCH AS NEEDED		

Φ 6' - 0"
REFER TO AF621 FOR EXACT LOCATIONS & DIMENSIONS

VINYL DECAL
1/2" = 1'-0"



TILE DETAIL
1/2" = 1'-0"

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ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ERF	EPOXY RESINOUS FLOORING
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
MSS	MUSIC STORAGE SYSTEM
MT	METAL TRIM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONC	SEALED CONCRETE
SS	STAINLESS STEEL
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.
3. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
4. ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS IN NEWLY RENOVATED AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
5. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING IN NEWLY RENOVATION AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
6. ALL STEEL COLUMNS IN NEWLY RENOVATED AREAS OF WORK ARE TO BE PAINTED.
7. ALL NEW HOLLOW METAL DOORS, HOLLOW METAL DOOR FRAMES AND HOLLOW METAL WINDOW FRAMES SHALL BE PAINTED PER COLOR SELECTED BY OWNER AND ARCHITECT.
8. EXISITNG HOLLOW METAL DOOR FRAMES AND HOLLOW METAL WINDOW FRAMES SCHEDULED TO REMAIN PER A900 SERIES DRAWINGS, SHALL BE PAINTED PER COLOR SELECTED BY OWNER AND ARCHITECT.
9. ALL EXPOSED CMU LOCATIONS TO RECEIVE GRAFFITI COATING, TYPICAL FOR EXTERIOR LOCATIONS.

FINISH KEY

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

░ = ERF-1

▦ = CFT-1

▨ = CFT-2

▩ = CFT-3

■ = CFT-4

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

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Sheet No.
WHS
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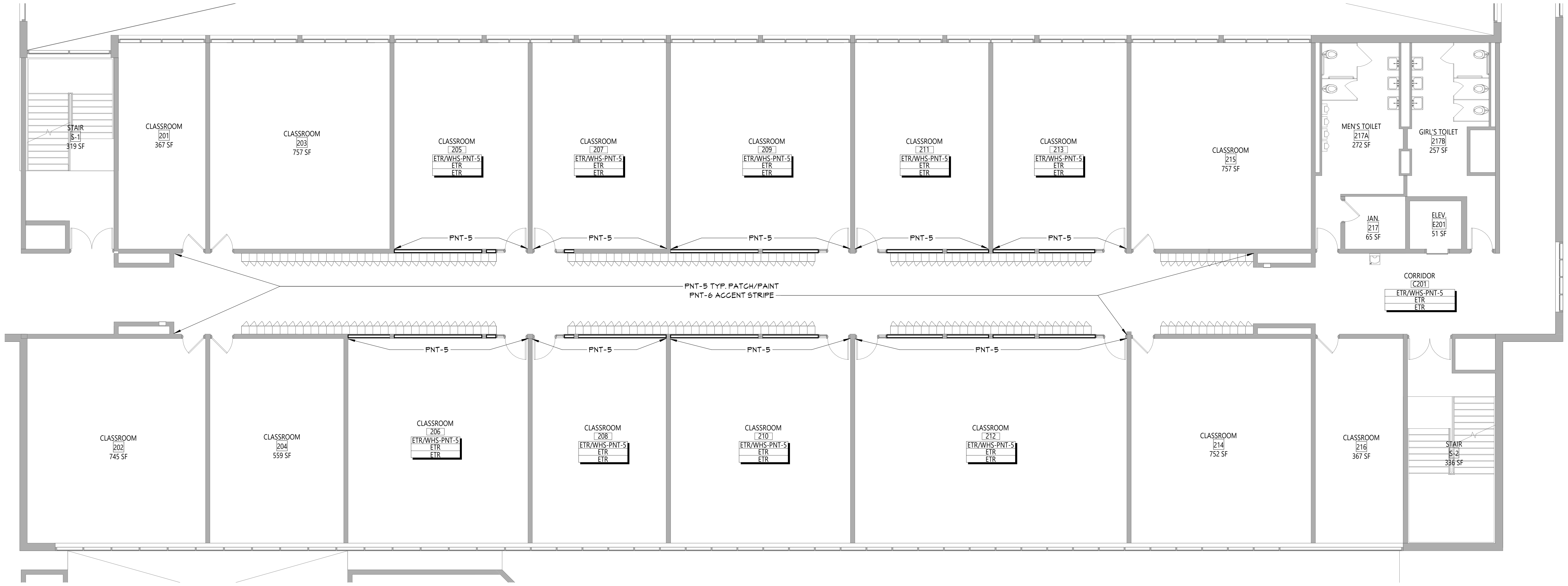
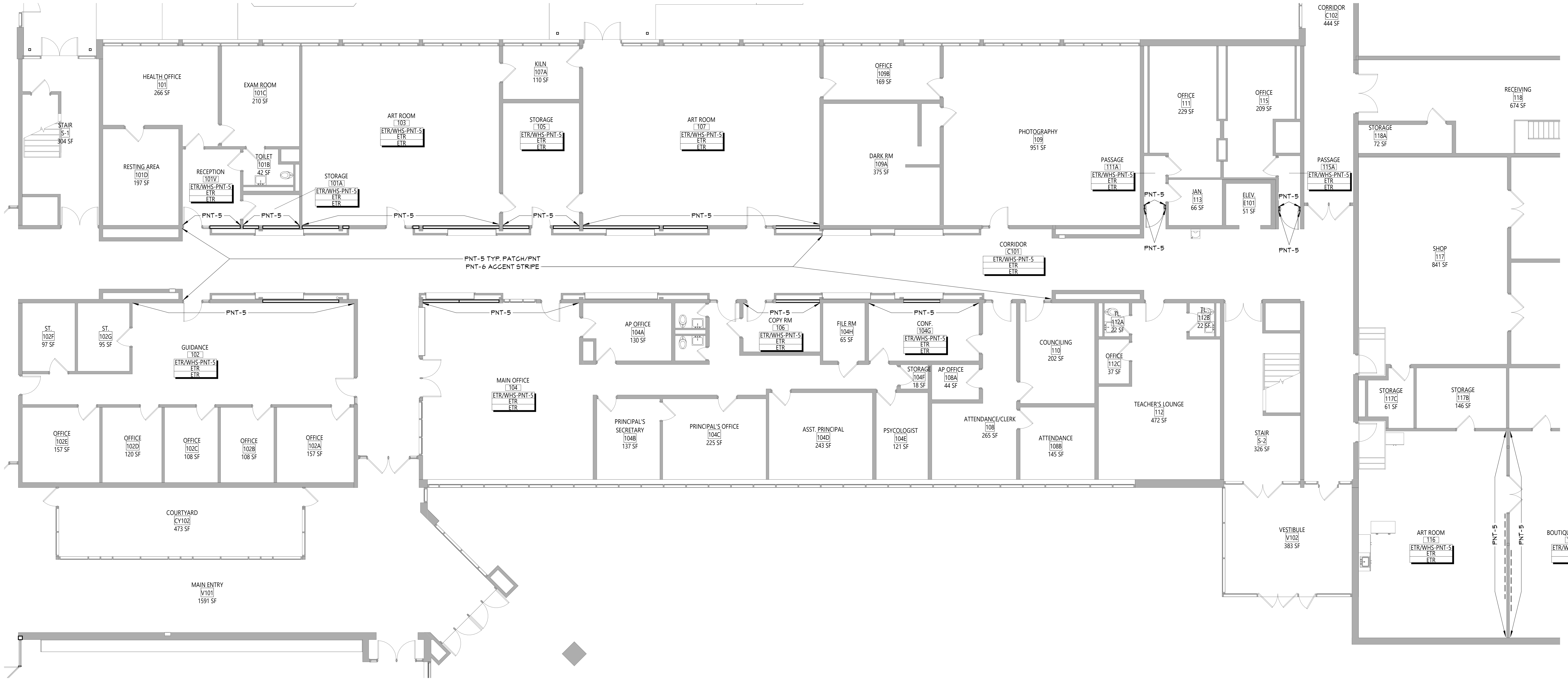

STAIR S-1 319 SF
CLASSROOM 201 367 SF
CLASSROOM 203 757 SF
CLASSROOM 205 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 207 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 209 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 211 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 213 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 215 757 SF
MEN'S TOILET 217A 272 SF
GIRL'S TOILET 217B 257 SF
JAN. 217 65 SF
ELEV. E201 51 SF
CORRIDOR C201 ETR/WHS-PNT-5 ETR ETR
PNT-5
PNT-5 TYP. PATCH/PAINT
PNT-6 ACCENT STRIPE
CLASSROOM 202 745 SF
CLASSROOM 204 559 SF
CLASSROOM 206 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 208 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 210 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 212 ETR/WHS-PNT-5 ETR ETR
CLASSROOM 214 752 SF
CLASSROOM 216 367 SF
STAIR S-2 336 SF

2 CORRIDOR C201 - FINISH PLAN

AF113 1/8" = 1'-0"



1 CORRIDOR C101 - FINISH PLAN

AF113 1/8" = 1'-0"

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ERF	EPOXY RESINOUS FLOORING
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
MSS	MUSIC STORAGE SYSTEM
MT	METAL TRIM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONC	SEALED CONCRETE
SS	STAINLESS STEEL
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
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VWC	VINYL WALLCOVERING
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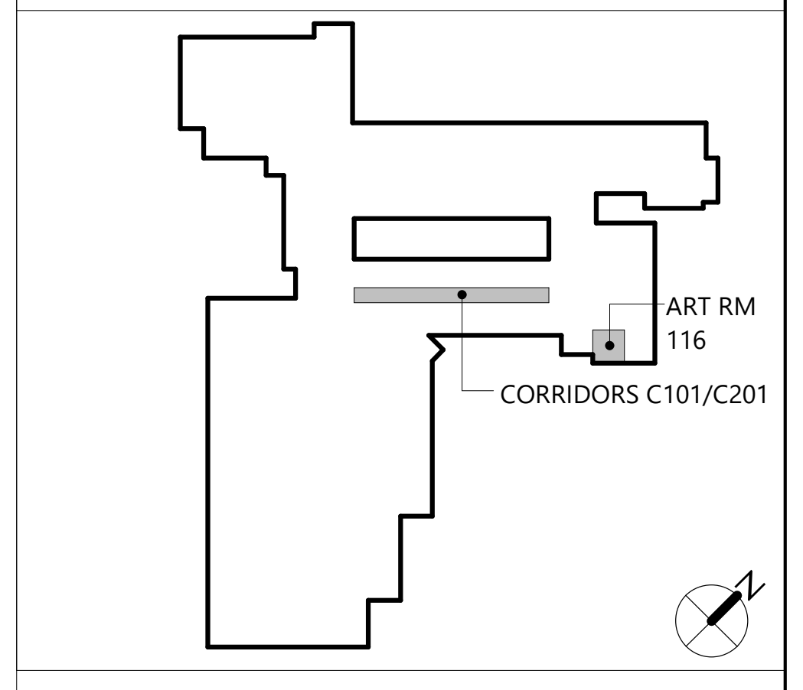
FINISH KEY

Room Name 101 Wall Finish Base Finish Floor Finish	= Finish Tag
↖ PNT-# ↗	ACCENT PAINT LOCATION
░	= ERF-1
▦	= CFT-1
▨	= CFT-2
▩	= CFT-3
■	= CFT-4

KEY PLAN



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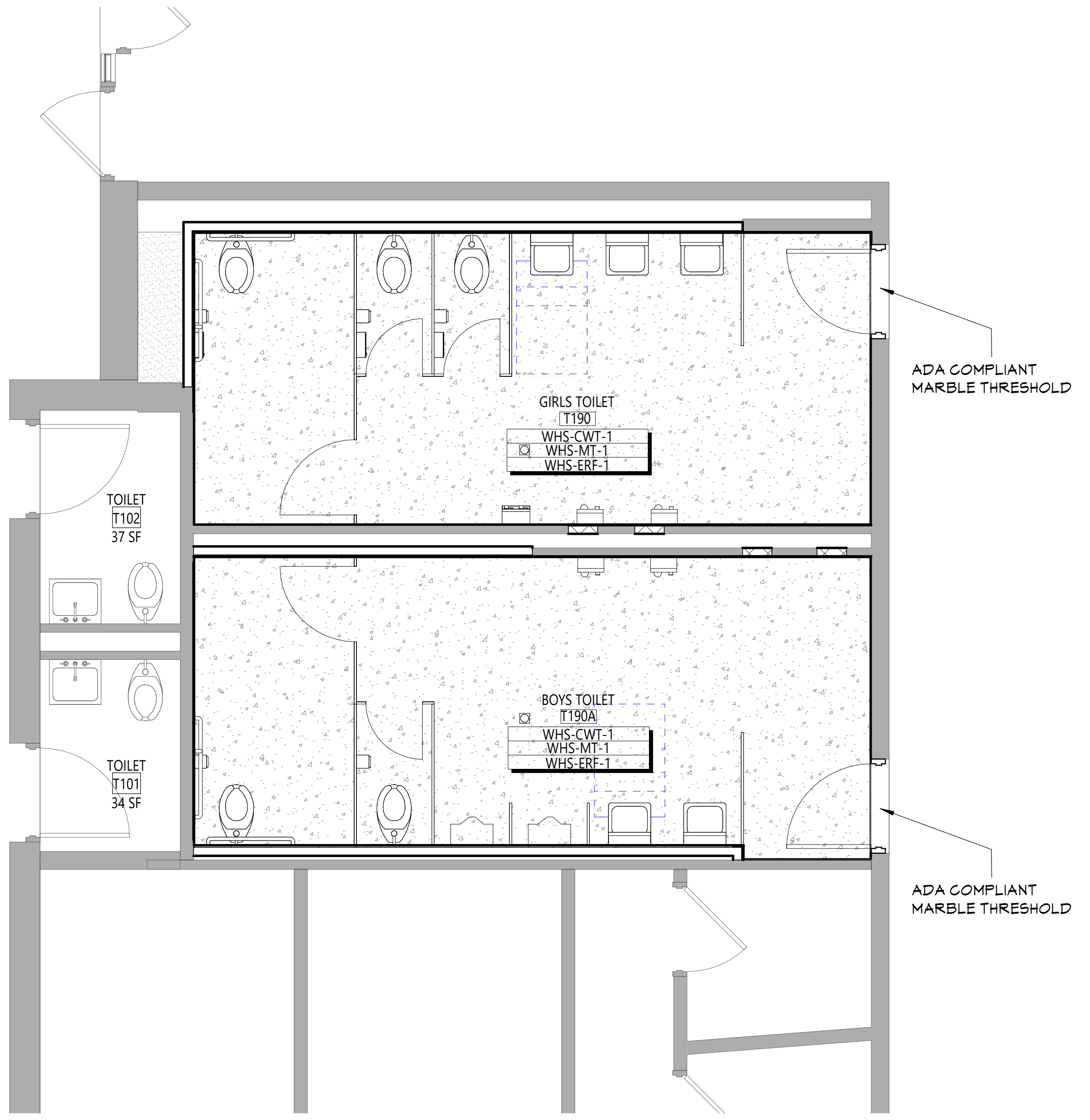
Sheet Title

CORRIDORS
C101 & C201 -
FINISH PLANS

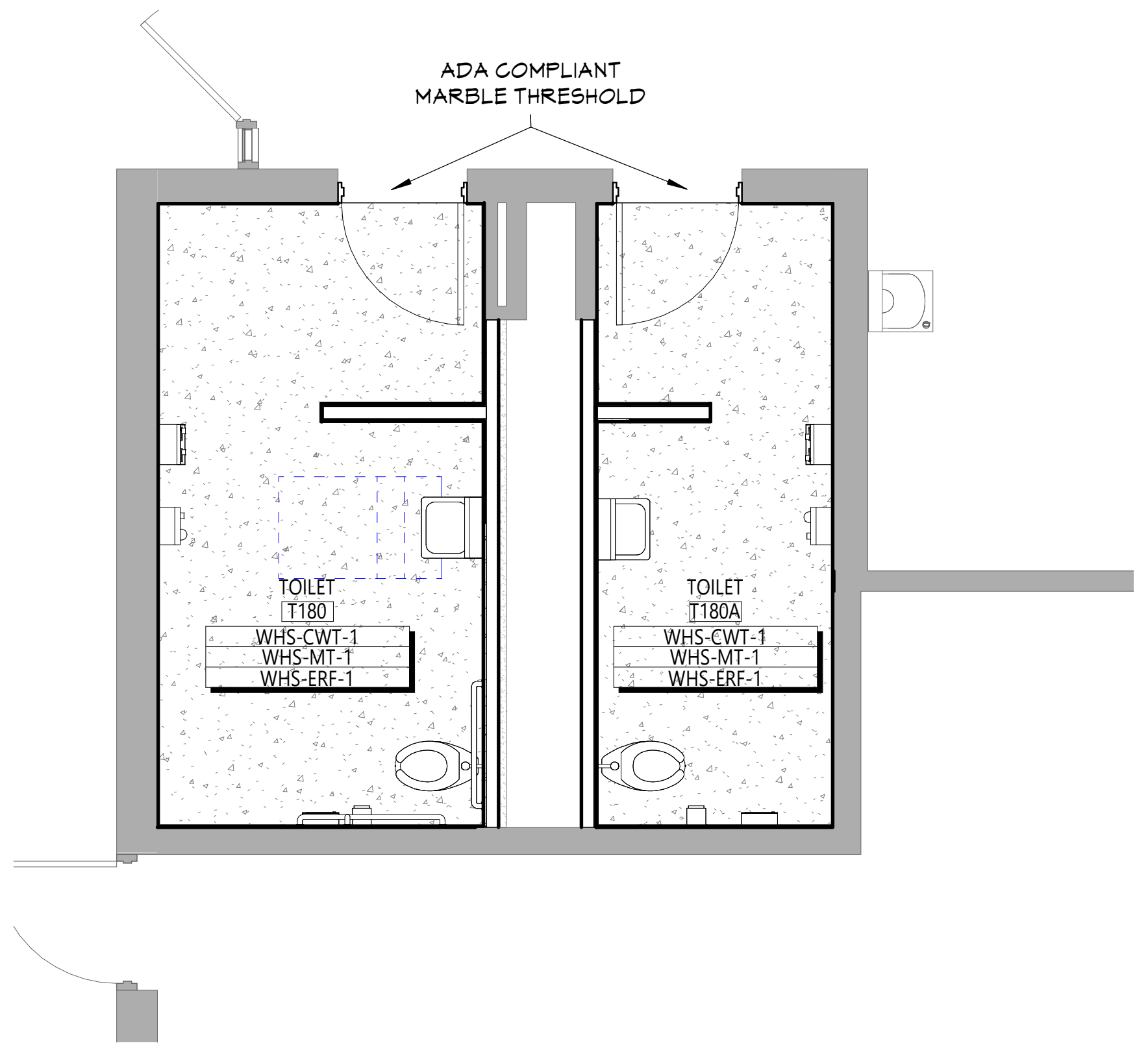
Sheet No.

WHS
AF113

CONSTRUCTION DOCUMENTS



2 TOILET ROOMS T190 & T190A - FINISH PLAN
AF611 1/4" = 1'-0"



1 TOILET ROOMS T180 & T180A - FINISH PLAN
AF611 1/4" = 1'-0"

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CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ERF	EPOXY RESINOUS FLOORING
ETR	EXISTING TO REMAIN
EXP	EXPOSED
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FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
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SS	STAINLESS STEEL
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

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FINISH KEY

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

▨ = ERF-1
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▨ = CFT-2
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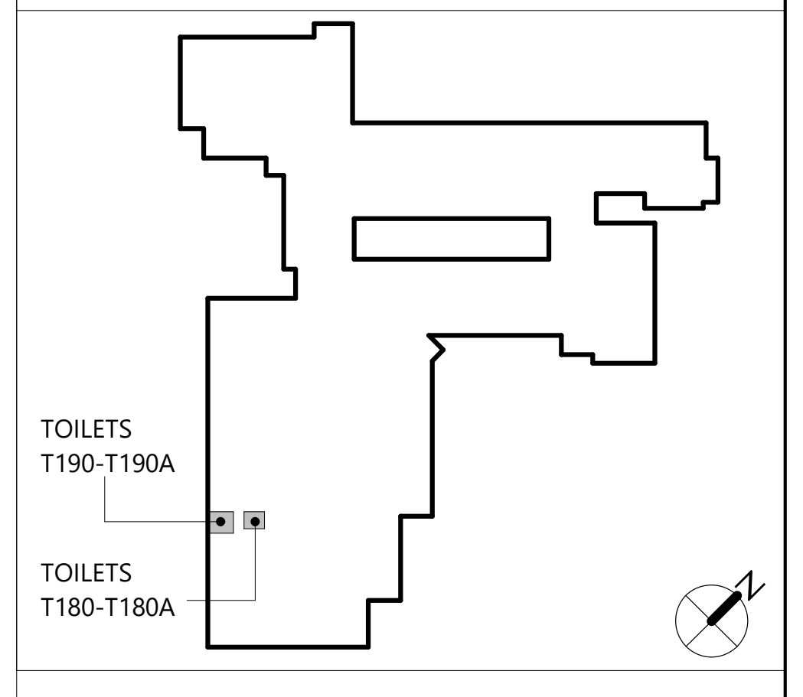
KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

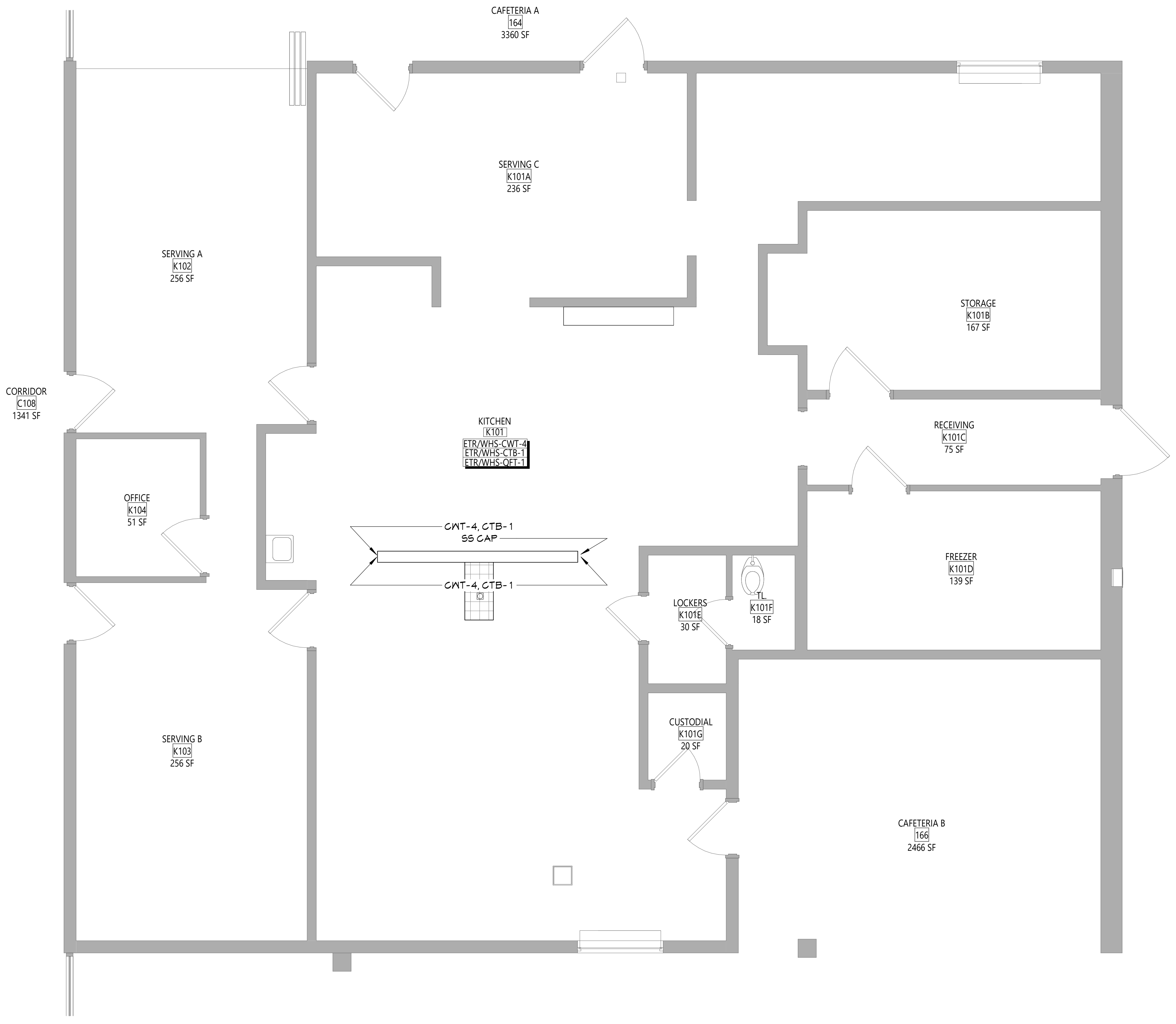
#	DATE	DESCRIPTION

Drawn By:	AB
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
TOILET ROOMS - FINISH PLANS

Sheet No.
WHS
AF611

CONSTRUCTION DOCUMENTS



1 KITCHEN - FINISH PLAN
AF613 1/4" = 1'-0"

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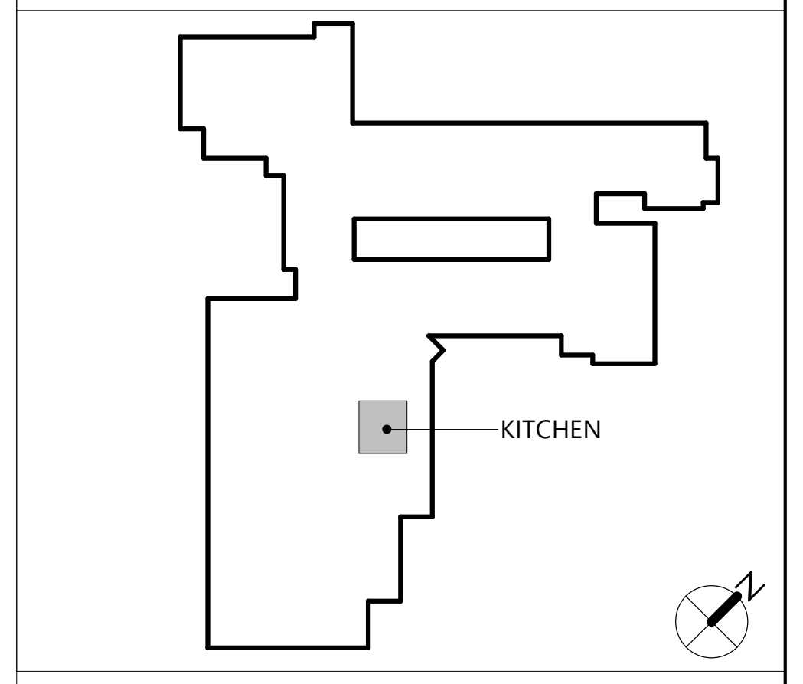
KEY PLAN



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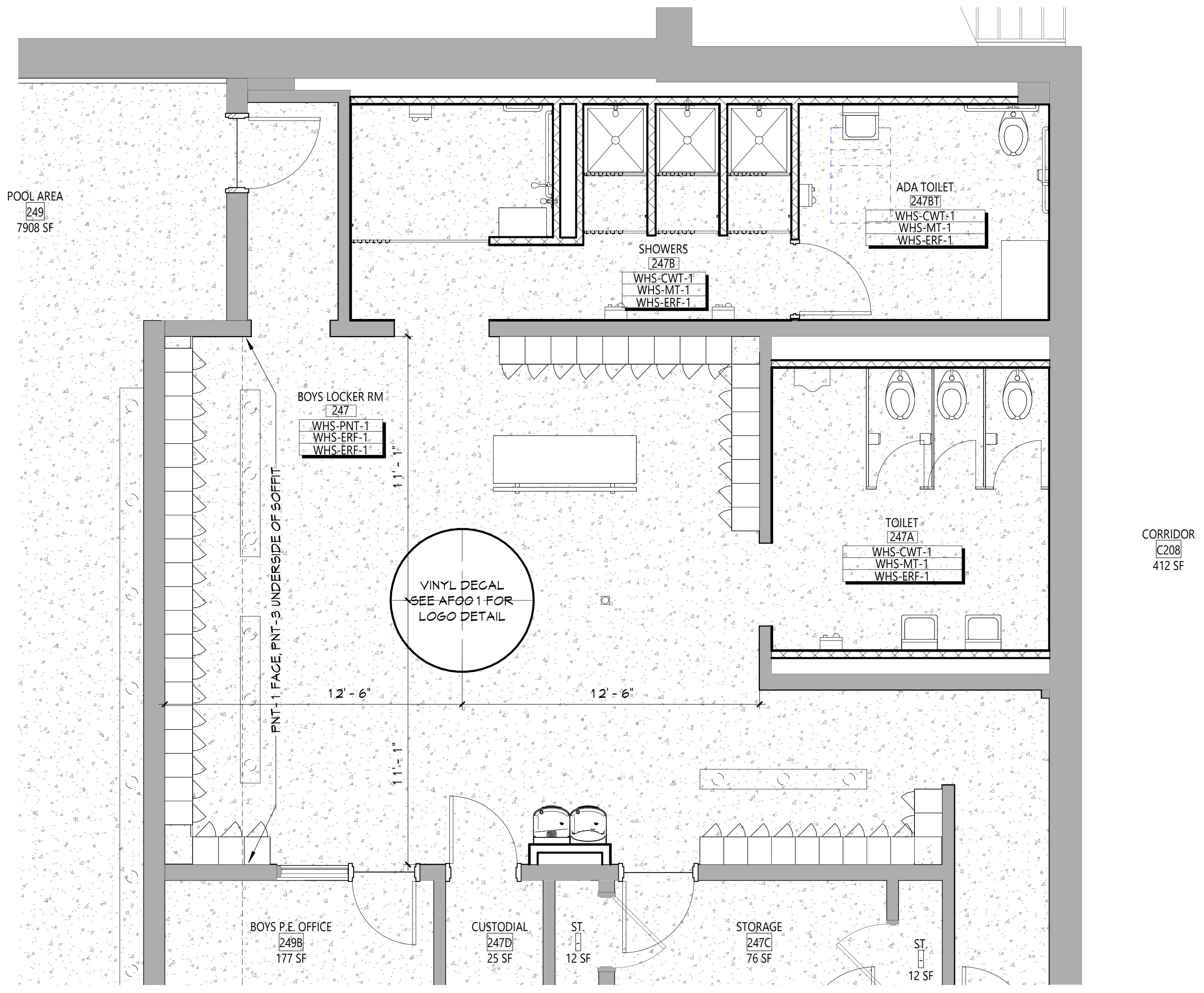
Sheet Title
KITCHEN - FINISH PLAN

Sheet No.
WHS
AF613

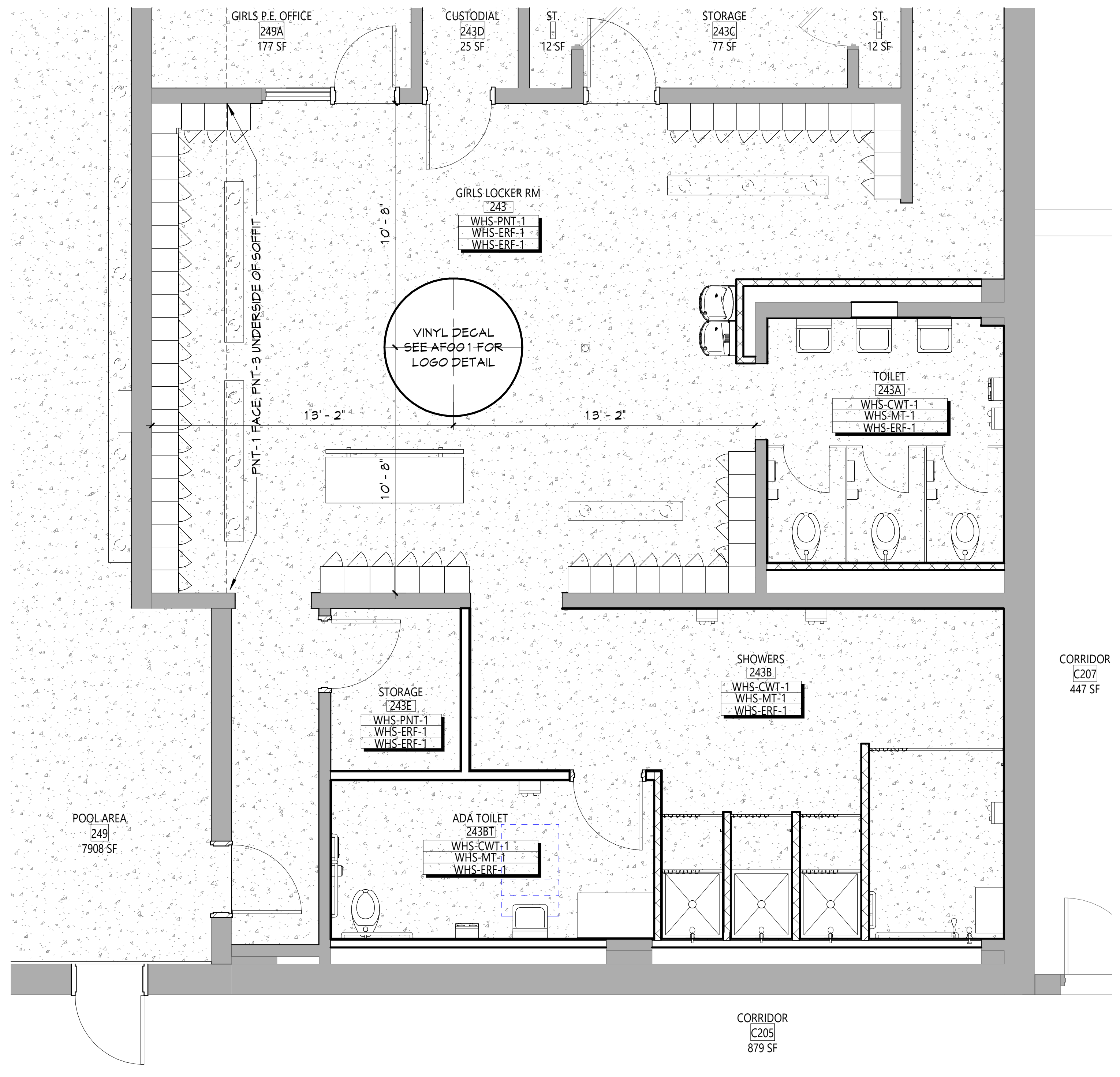
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



2 BOYS POOL LOCKER ROOM 247 - FINISH PLAN

AF621
1/4" = 1'-0"



1 GIRLS POOL LOCKER ROOM 243 - FINISH PLAN

AF621
1/4" = 1'-0"

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↖ PNT-# ↗ ACCENT PAINT LOCATION

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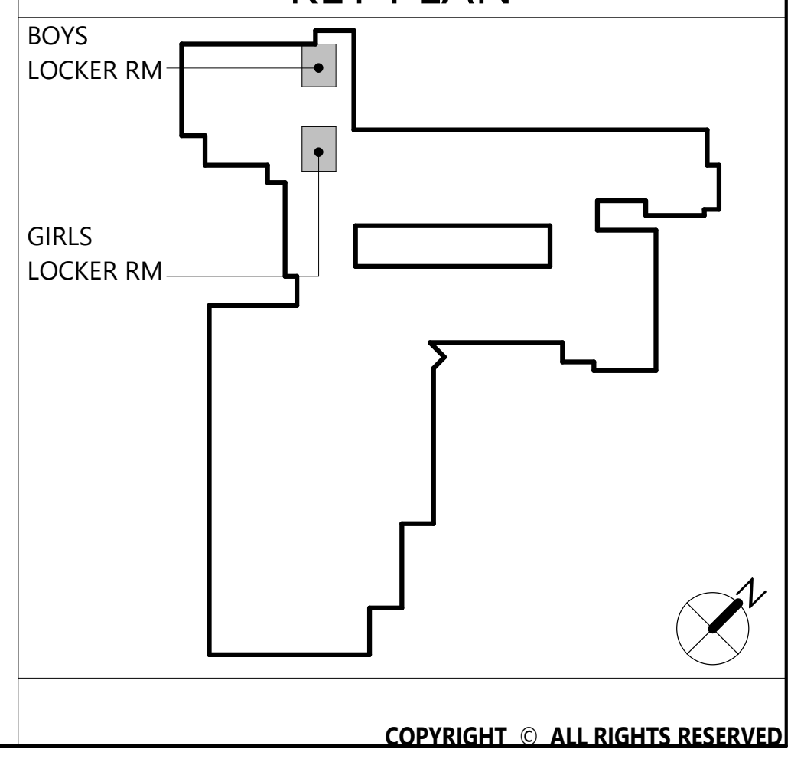
KEY PLAN



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023344
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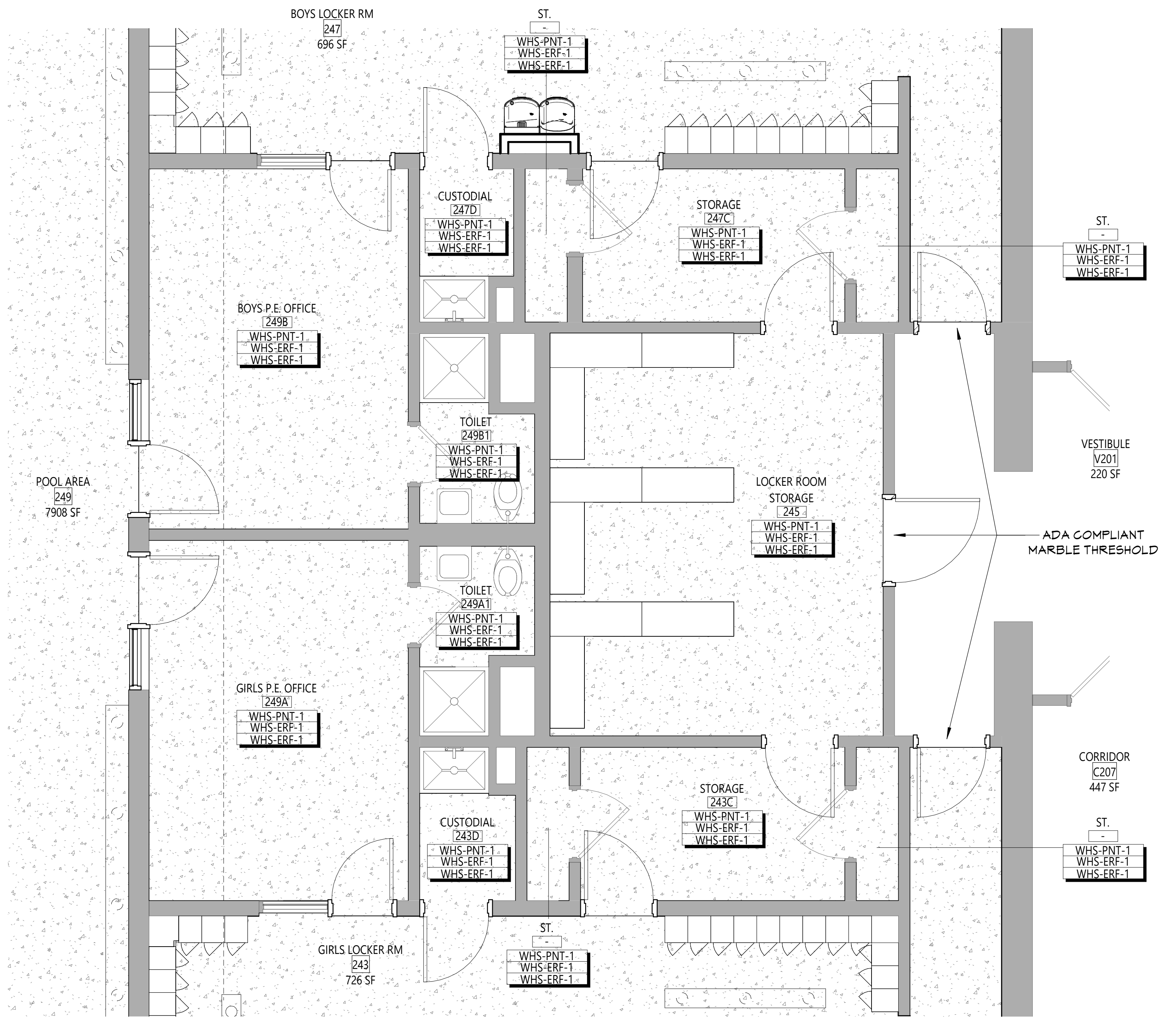
Sheet Title
POOL LOCKER ROOMS - FINISH PLANS

Sheet No.
WHS
AF621

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



1 POOL SUPPORT SPACE - FINISH PLAN

AF625 1/4" = 1'-0"

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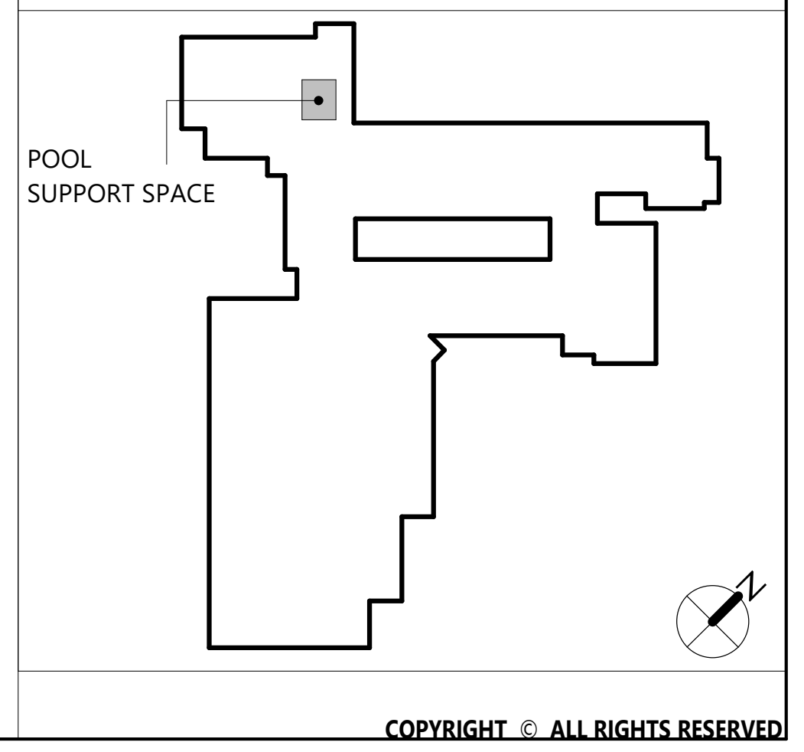

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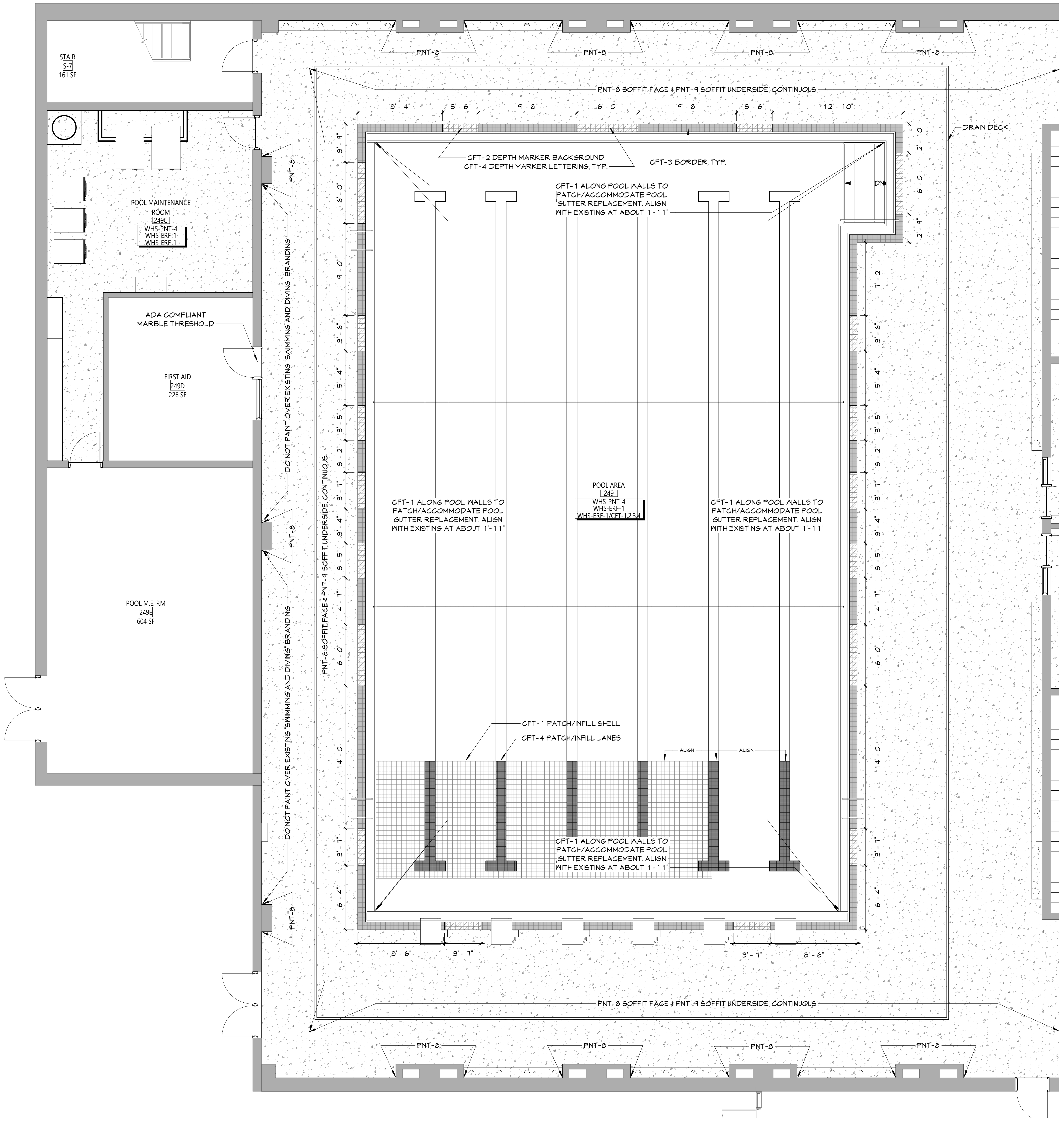
Sheet Title
POOL
SUPPORT
SPACE -
FINISH PLAN

Sheet No.
WHS
AF625

CONSTRUCTION DOCUMENTS



1 POOL AREA - FINISH PLAN

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8. EXISITNG HOLLOW METAL DOOR FRAMES AND HOLLOW METAL WINDOW FRAMES SCHEDULED TO REMAIN PER A900 SERIES DRAWINGS, SHALL BE PAINTED PER COLOR SELECTED BY OWNER AND ARCHITECT.
9. ALL EXPOSED CMU LOCATIONS TO RECEIVE GRAFFITI COATING, TYPICAL FOR EXTERIOR LOCATIONS.

FINISH KEY

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

▨ = ERF-1

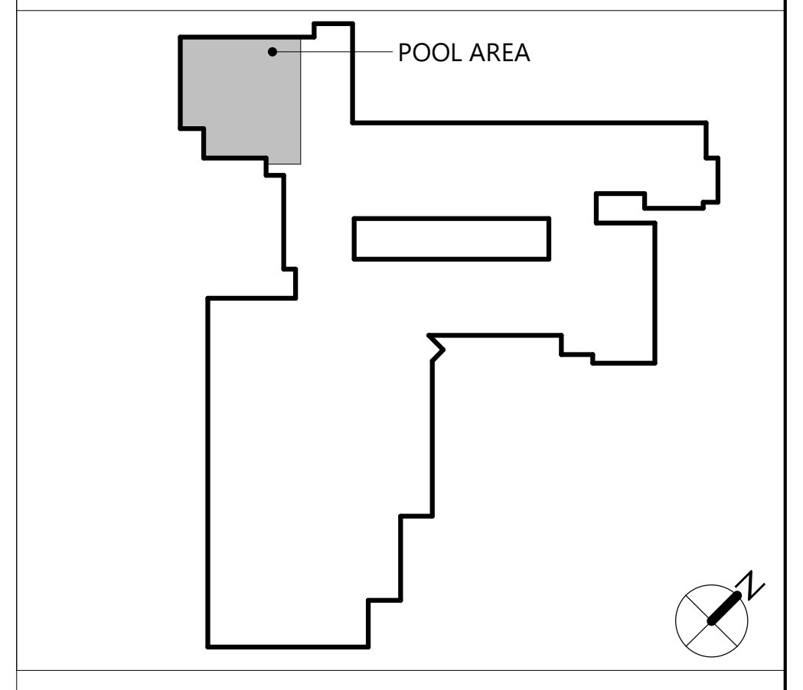
▦ = CFT-1

▨ = CFT-2

▦ = CFT-3

■ = CFT-4

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

THOMAS M. RITZENTHALER
023344
REGISTRATION EXPIRATION DATE: 02/29/2028

#	DATE	DESCRIPTION

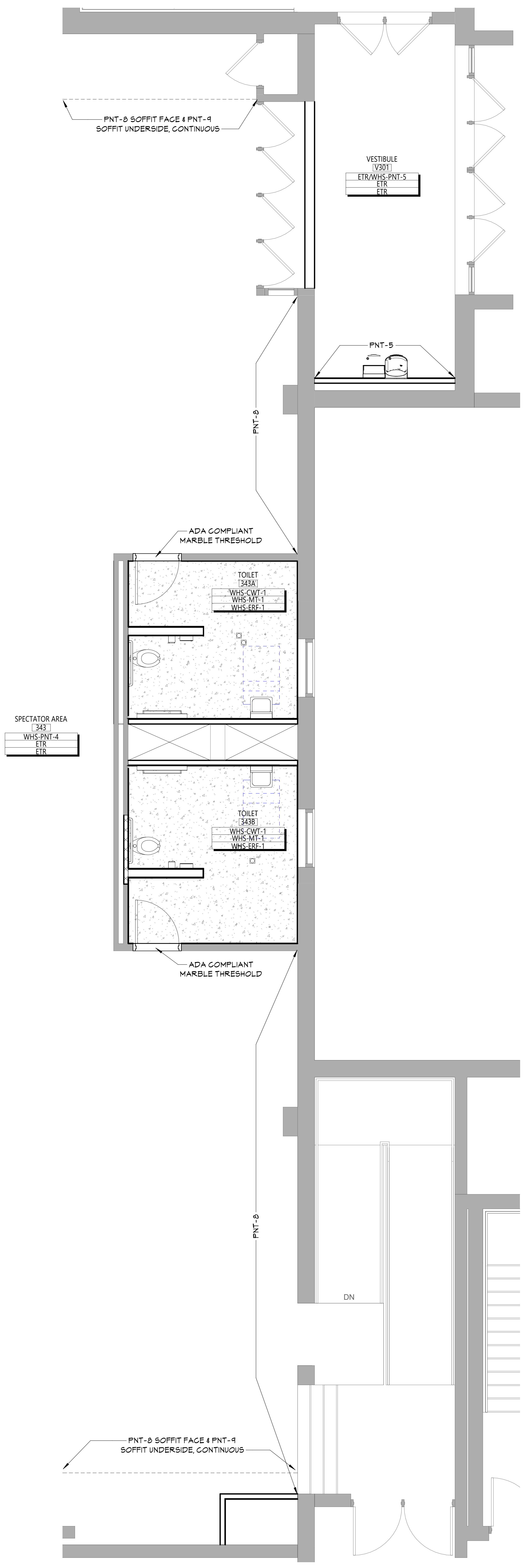
Drawn By:	AB
Checked By:	DM
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
POOL AREA - FINISH PLAN

Sheet No.
WHS
AF626

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 WASHINGTONVILLE HS Ph2_Ph3 - ARCH.rvt



1 SPECTATOR AREA - FINISH PLAN
AF631 1/4" = 1'-0"

DISCLAIMER NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.

ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ERF	EPOXY RESINOUS FLOORING
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
MSS	MUSIC STORAGE SYSTEM
MT	METAL TRIM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONC	SEALED CONCRETE
SS	STAINLESS STEEL
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

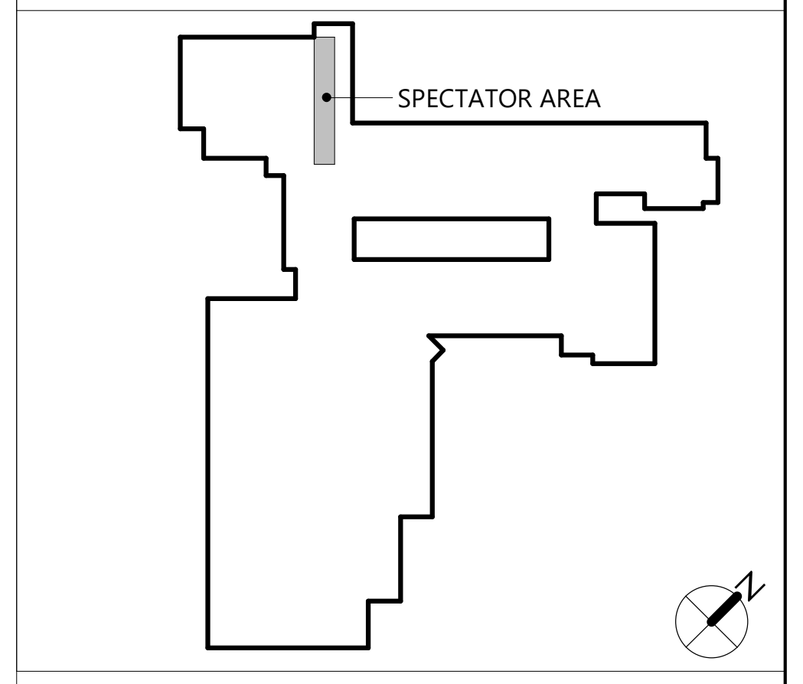
GENERAL FINISH NOTES

1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.
3. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
4. ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS IN NEWLY RENOVATED AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
5. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING IN NEWLY RENOVATION AREAS TO BE PAINTED PNT-3, UNLESS NOTED OTHERWISE.
6. ALL STEEL COLUMNS IN NEWLY RENOVATED AREAS OF WORK ARE TO BE PAINTED.
7. ALL NEW HOLLOW METAL DOORS, HOLLOW METAL DOOR FRAMES AND HOLLOW METAL WINDOW FRAMES SHALL BE PAINTED PER COLOR SELECTED BY OWNER AND ARCHITECT.
8. EXISITNG HOLLOW METAL DOOR FRAMES AND HOLLOW METAL WINDOW FRAMES SCHEDULED TO REMAIN PER A900 SERIES DRAWINGS, SHALL BE PAINTED PER COLOR SELECTED BY OWNER AND ARCHITECT.
9. ALL EXPOSED CMU LOCATIONS TO RECEIVE GRAFFITI COATING, TYPICAL FOR EXTERIOR LOCATIONS.

FINISH KEY

Room Name 101 Wall Finish Base Finish Floor Finish	= Finish Tag
PNT-#	ACCENT PAINT LOCATION
▨	= ERF- 1
▦	= CFT- 1
▨	= CFT-2
▦	= CFT-3
■	= CFT-4

KEY PLAN



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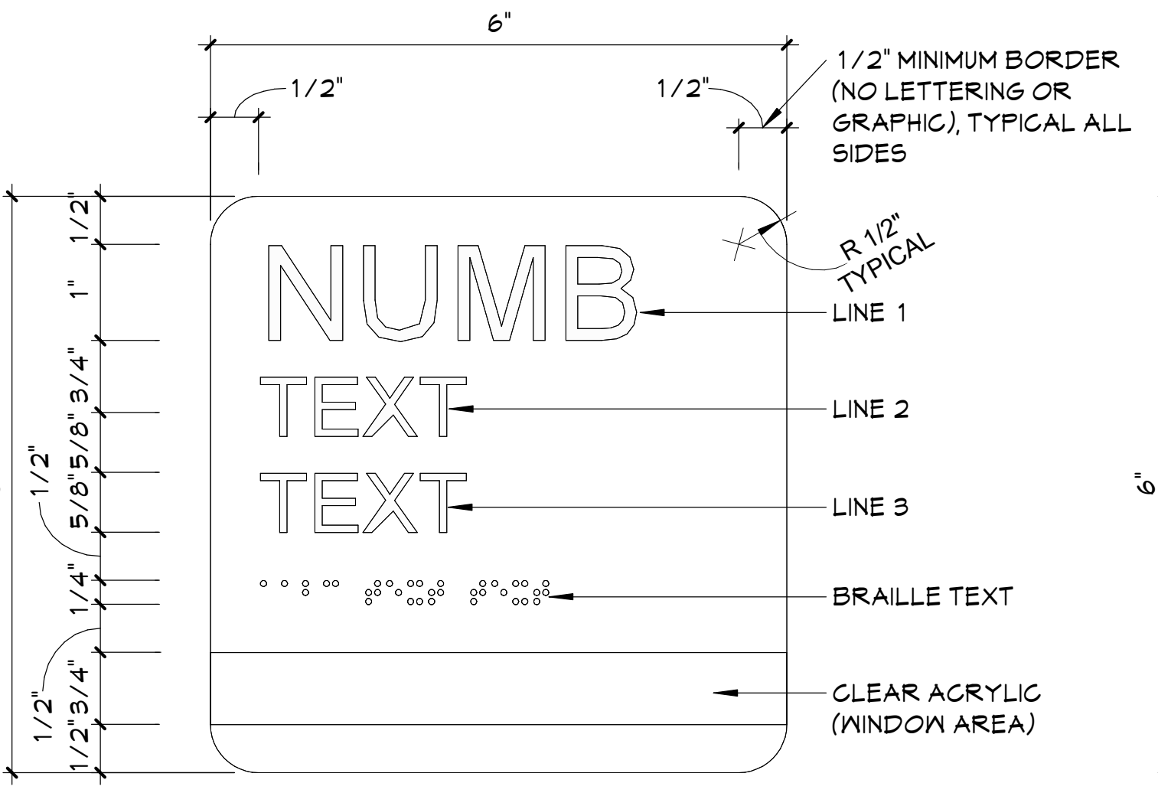
Sheet Title
SPECTATOR AREA - FINISH PLAN

Sheet No.
WHS
AF631

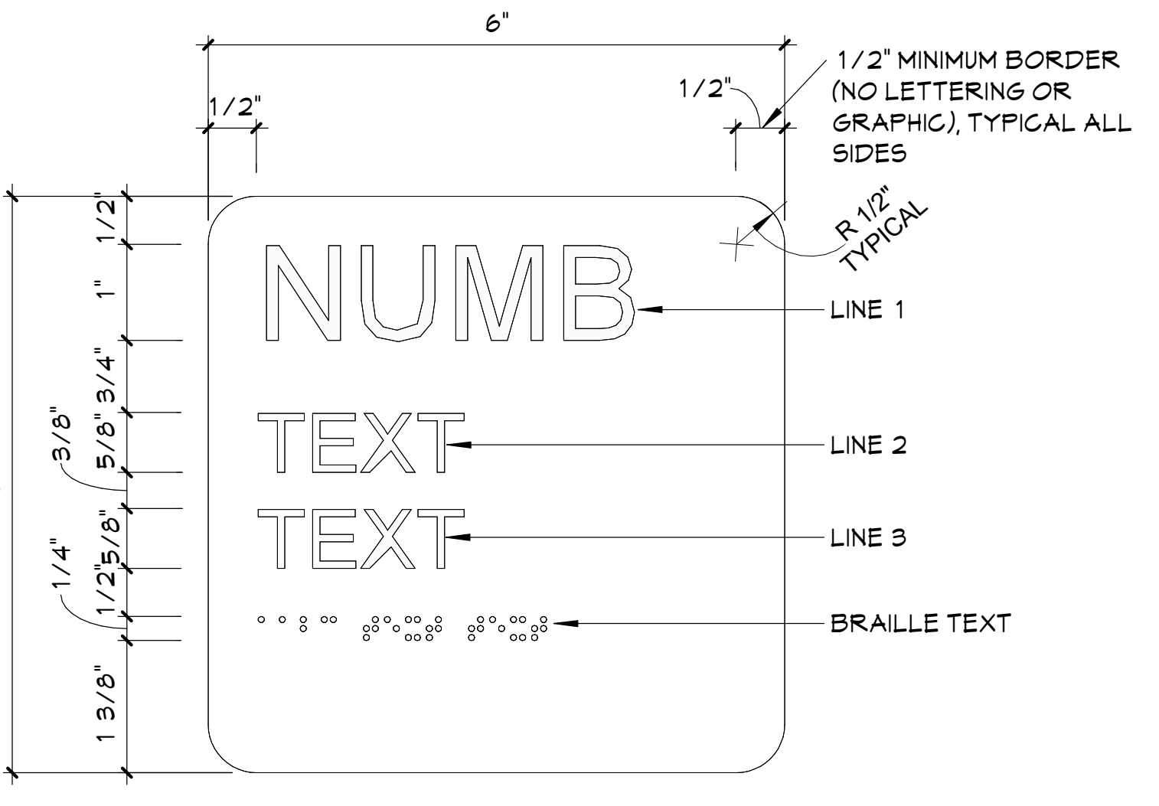
CONSTRUCTION DOCUMENTS

PHASE 3 - SIGNAGE SCHEDULE

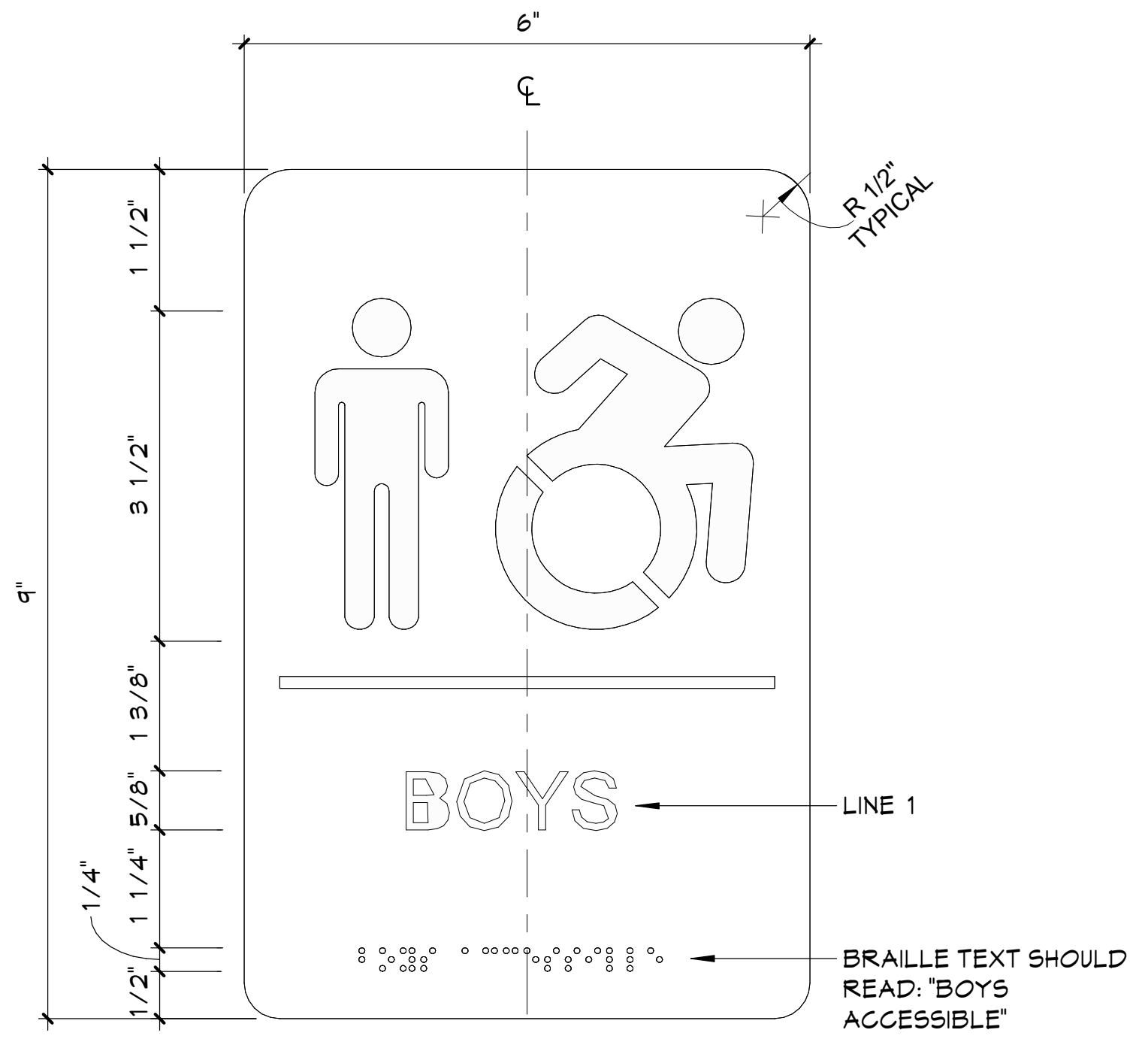
LEVEL	ROOM #	ROOM NAME	SIGN TYPE
GROUND FLOOR			
GROUND FLOOR	111A	PASSAGE	G2
GROUND FLOOR	115A	PASSAGE	G2
GROUND FLOOR	T180	TOILET	T1
GROUND FLOOR	T180A	TOILET	T3
GROUND FLOOR	T190	GIRLS TOILET	T4
GROUND FLOOR	T190A	BOYS TOILET	T5
SECOND FLOOR			
SECOND FLOOR	243	GIRLS LOCKER RM	G1
SECOND FLOOR	243BT	ADA TOILET	T2
SECOND FLOOR	243C	STORAGE	G1
SECOND FLOOR	243D	CUSTODIAL	G1
SECOND FLOOR	243E	STORAGE	G1
SECOND FLOOR	245	LOCKER ROOM STORAGE	G1
SECOND FLOOR	247	BOYS LOCKER RM	G1
SECOND FLOOR	247BT	ADA TOILET	T2
SECOND FLOOR	247C	STORAGE	G1
SECOND FLOOR	247D	CUSTODIAL	G1
SECOND FLOOR	249	POOL AREA	G1
SECOND FLOOR	249A	GIRLS P.E. OFFICE	G2
SECOND FLOOR	249B	BOYS P.E. OFFICE	G2
SECOND FLOOR	249C	POOL MAINTENANCE ROOM	G1
SECOND FLOOR	249C	POOL MAINTENANCE ROOM	G1
THIRD FLOOR			
THIRD FLOOR	343A	TOILET	T1
THIRD FLOOR	343B	TOILET	T1



G2



G1



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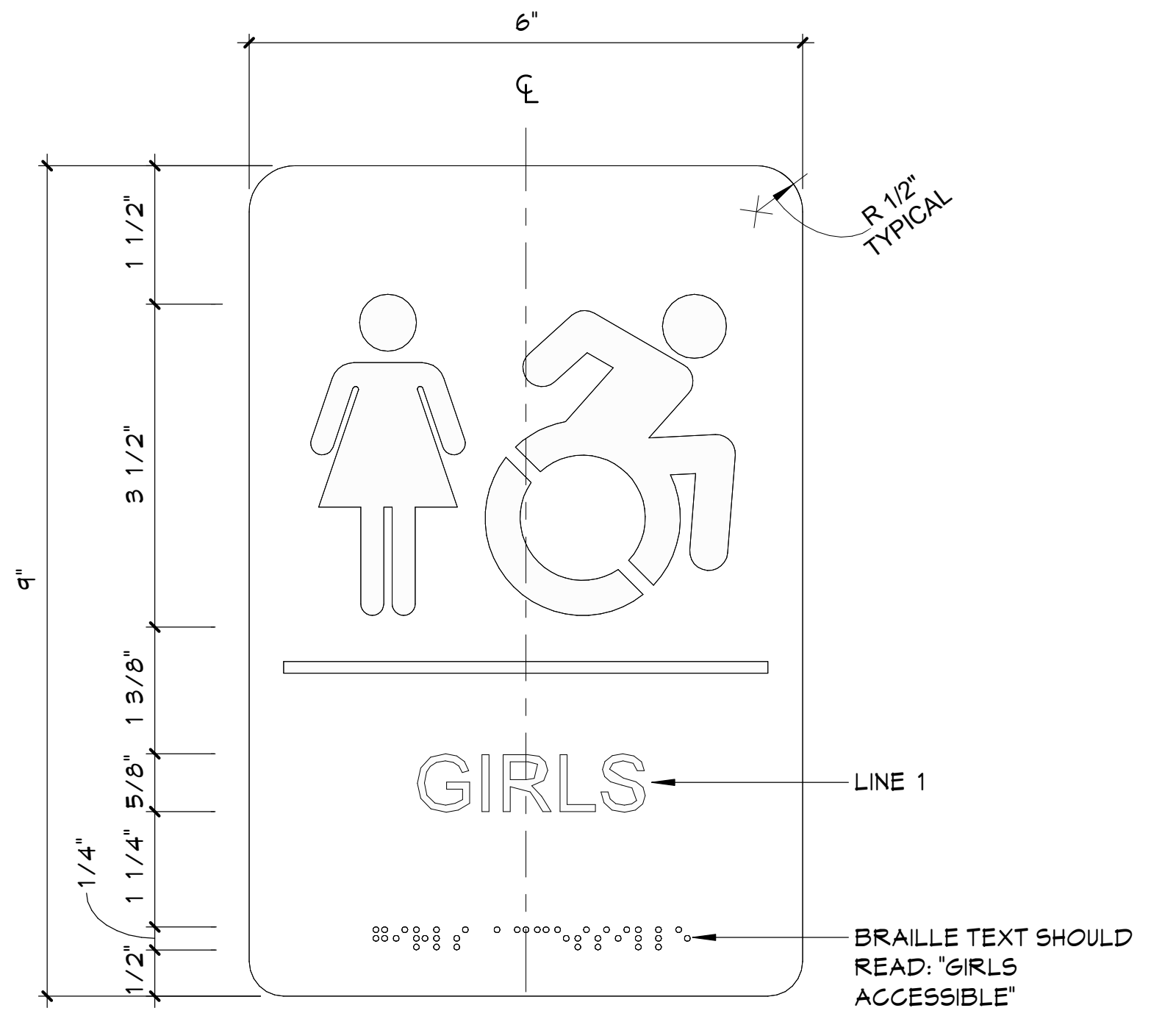

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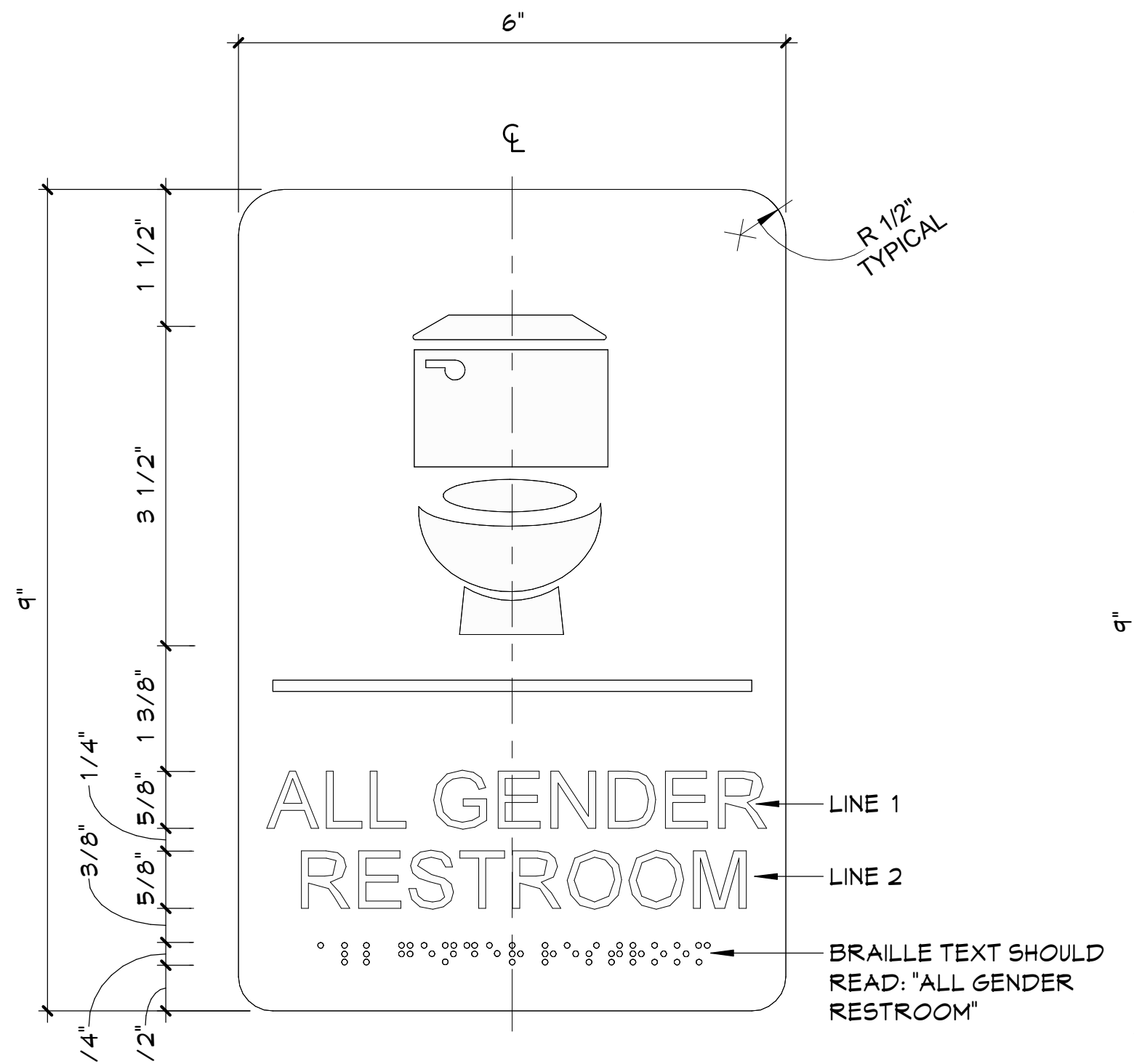

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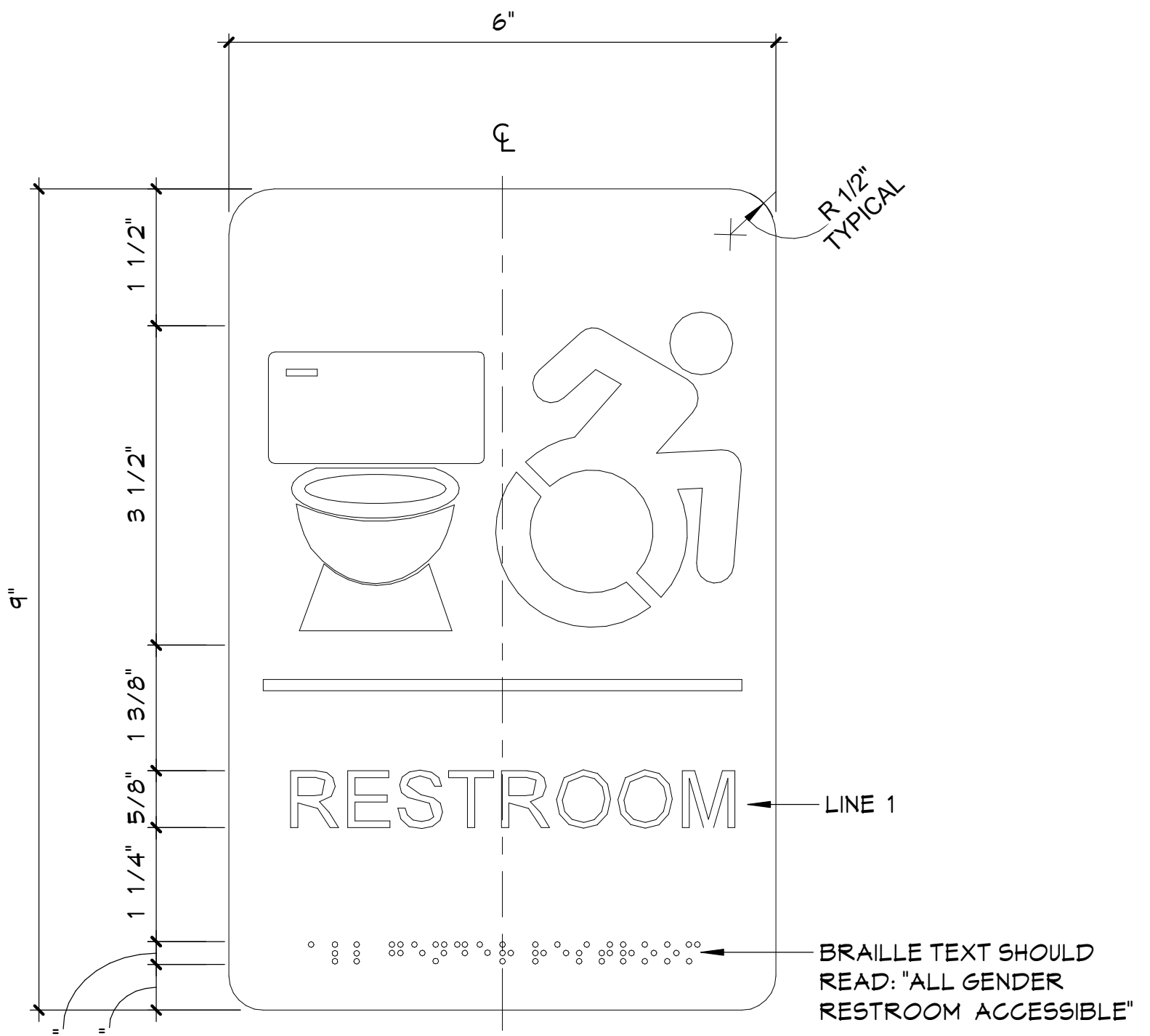
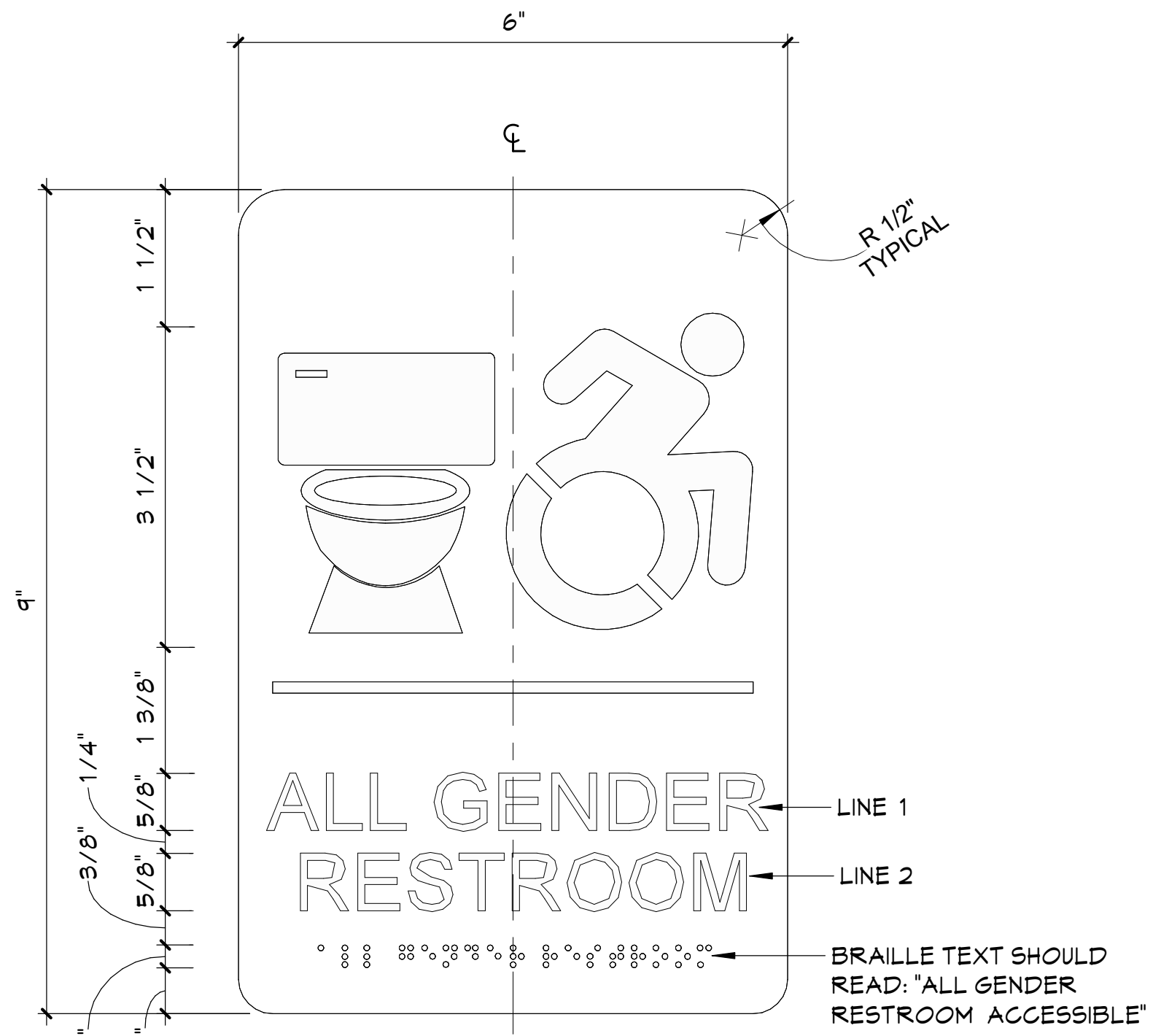


T2



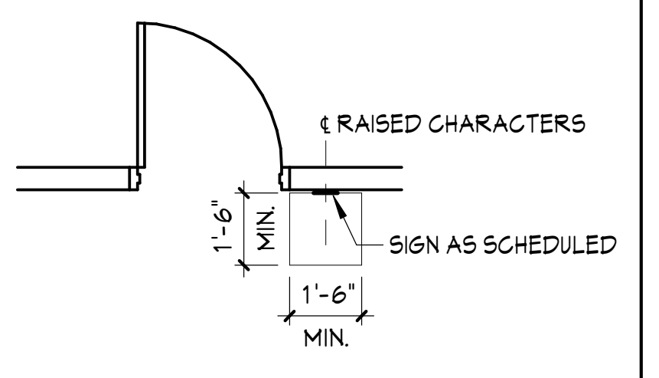
T1

PHASE 3 - AF701 SIGNAGE-TYPES

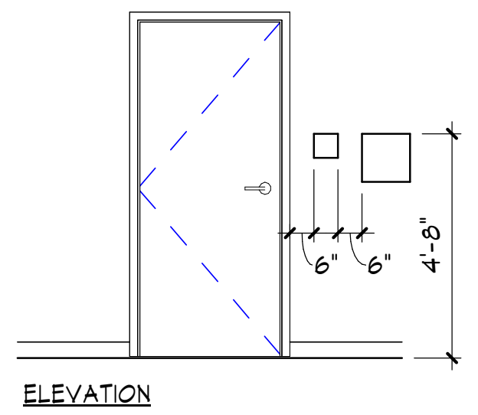
6" = 1'-0"

SIGN LOCATION GENERAL NOTES

1. ALL SIGNS SHALL BE LOCATED PER ANSI A117.1 SECTION 703.3.11 AND THE FOLLOWING:
2. WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE.
3. WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT A DOUBLE DOOR WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF.
4. WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT A DOUBLE DOOR WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR.
5. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MIN. BY 18" MIN. CENTERED ON THE RAISED CHARACTERS IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND THE 45 DEGREE POSITION.
6. SIGNS CONTAINING RAISED CHARACTERS AND BRAILLE SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD OPEN DEVICES.



NOTE:
WHERE SIGN CANNOT BE MOUNTED AS SHOWN, LOCATE SIGN ON WALL ADJACENT TO LATCH SIDE OF DOOR.



ELEVATION

SIGN DETAILS

N.T.S.

SIGN NOTES

1. TEXT SHOWN ON DETAILS IS FOR SAMPLE PURPOSES ONLY. FOR BIDDING UNIFORMITY SEE ROOM FINISH SCHEDULE FOR TEXT, FINAL SIGN TEXT SHALL BE REVIEWED AND APPROVED BY OWNER/ARCHITECT DURING SHOP DRAWINGS.
2. SIGN TYPE, ROOM NAME AND ROOM NUMBERS SHALL BE CONFIRMED DURING SUBMITTAL REVIEW.
3. REMOVE EXISTING SIGNAGE WHERE NEW SIGNAGE IS SCHEDULED, INCLUDING SIGNAGE INSTALLED ON EXISTING DOORS / DOOR FRAMES SCHEDULED TO REMAIN.
4. PATCH WALL WHERE EXISTING SIGNAGE HAS BEEN REMOVED TO MATCH ADJACENT WALL FIRE-RATING, AND FINISH.
5. REFINISH EXISTING DOORS SCHEDULED TO REMAIN WHERE EXISTING SIGNAGE HAS BEEN REMOVED TO MATCH NEW DOOR FINISH.
6. PATCH AND REFINISH EXISTING DOORS FRAMES SCHEDULED TO REMAIN WHERE EXISTING SIGNAGE HAS BEEN REMOVED TO MATCH EXISTING. PAINTED DOOR FRAMES SHALL BE STRIPPED, PRIMED, AND PAINTED.
7. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. WHERE SIGN IS MOUNTED TO GLASS PROVIDE BACKER PLATE FOR SIGNS MOUNTED TO GLASS, FASTENERS, ADHESIVES,OR OTHER MOUNTING HARDWARE SHALL NOT BE VISIBLE. BACKER PLATE SHALL BE THE SAME SIZE, COLOR AND FINISH AS THE SIGN.
9. IN ROOMS WITH MULTIPLE DOORS, PROVIDE SIGN AT EACH DOOR.

SYMBOL LEGEND

SIGN TAG

#	INDICATES SURFACE SIGN IS MOUNTED TO
	SIGN TYPE; SEE SIGN SCHEDULE

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Sheet Title
SIGN SCHEDULE AND TYPES

Sheet No.
WHS AF701

CONSTRUCTION DOCUMENTS

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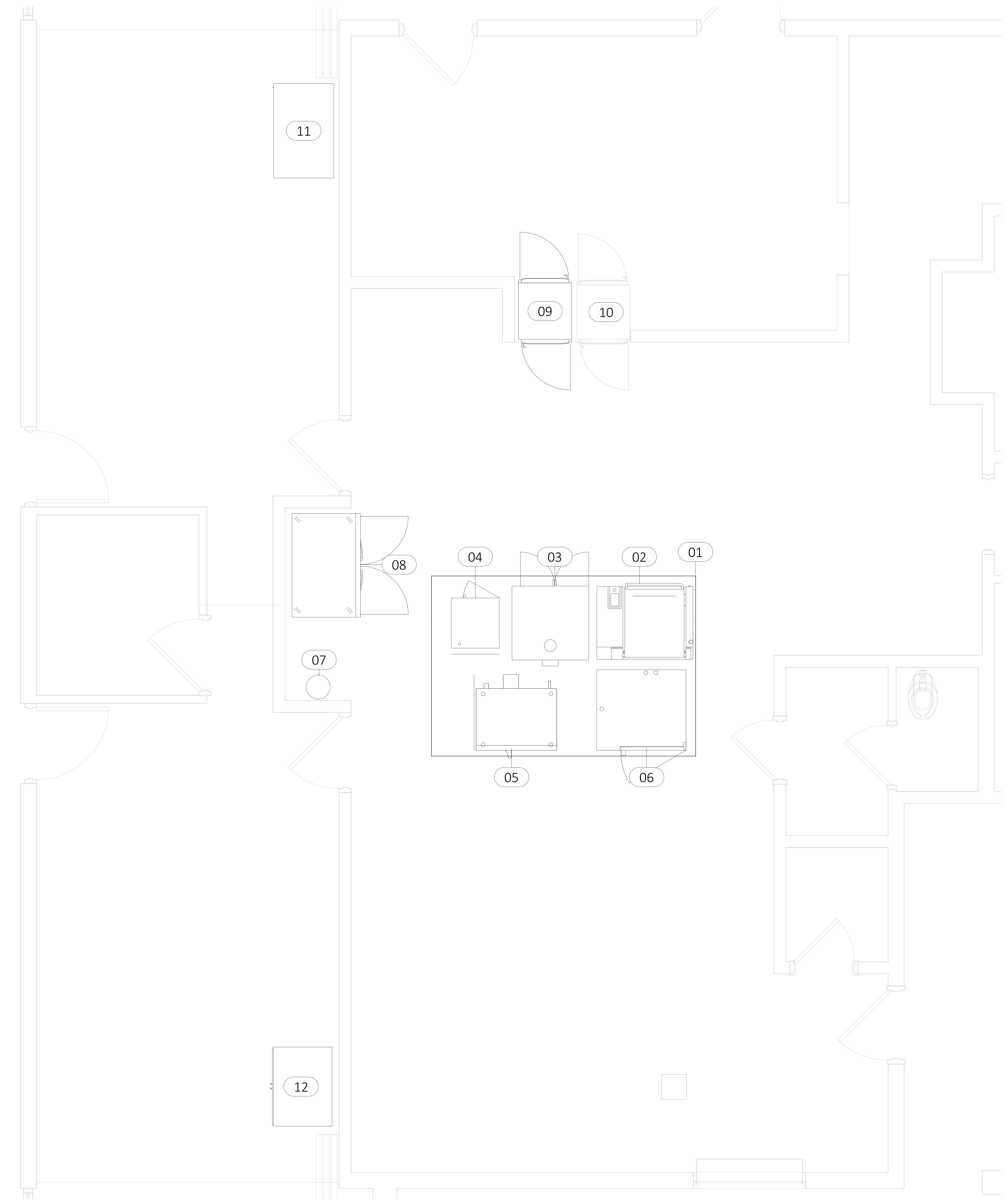

① EXISTING FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EXISTING EQUIPMENT...

NO.	QTY.	CATEGORY	REMARKS
01	1	EXHAUST HOOD	REMOVE
02	1	BRAISING PAN	SALVAGE
03	1	CONVECTION OVEN	RELOCATE
04	1	STEAMER	SALVAGE
05	1	CONVECTION OVEN	REMOVE
06	1	COMBI OVEN	RELOCATE
07	1	FIRE SUPPRESSION SYSTEM	REMOVE
08	1	REACH-IN COOLER	REMOVE
09	1	PASS-THRU COOLER	REMOVE
10	1	PASS-THRU HEATED CABINET	REMAIN
11	1	BEVERAGE COOLER	REMOVE
12	1	BEVERAGE COOLER	REMOVE

RELOCATE,SALVAGE OR REMOVE ALL EXISTING FOODSERVICE EQUIPMENT

"RELOCATE" = RELOCATE EQUIPMENT PER THE PLANS AND SPECIFICATIONS

"SALVAGE" = TURN OVER THE EQUIPMENT TO THE OWNER AND DELIVER TO DESIGNATED LOCATION

"REMOVE" = REMOVE AND DISPOSE OF THE EQUIPMENT

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Sheet Title
FOOD SERVICE
EXISTING
EQUIPMENT
PLAN

Sheet No.
WHS
FS100

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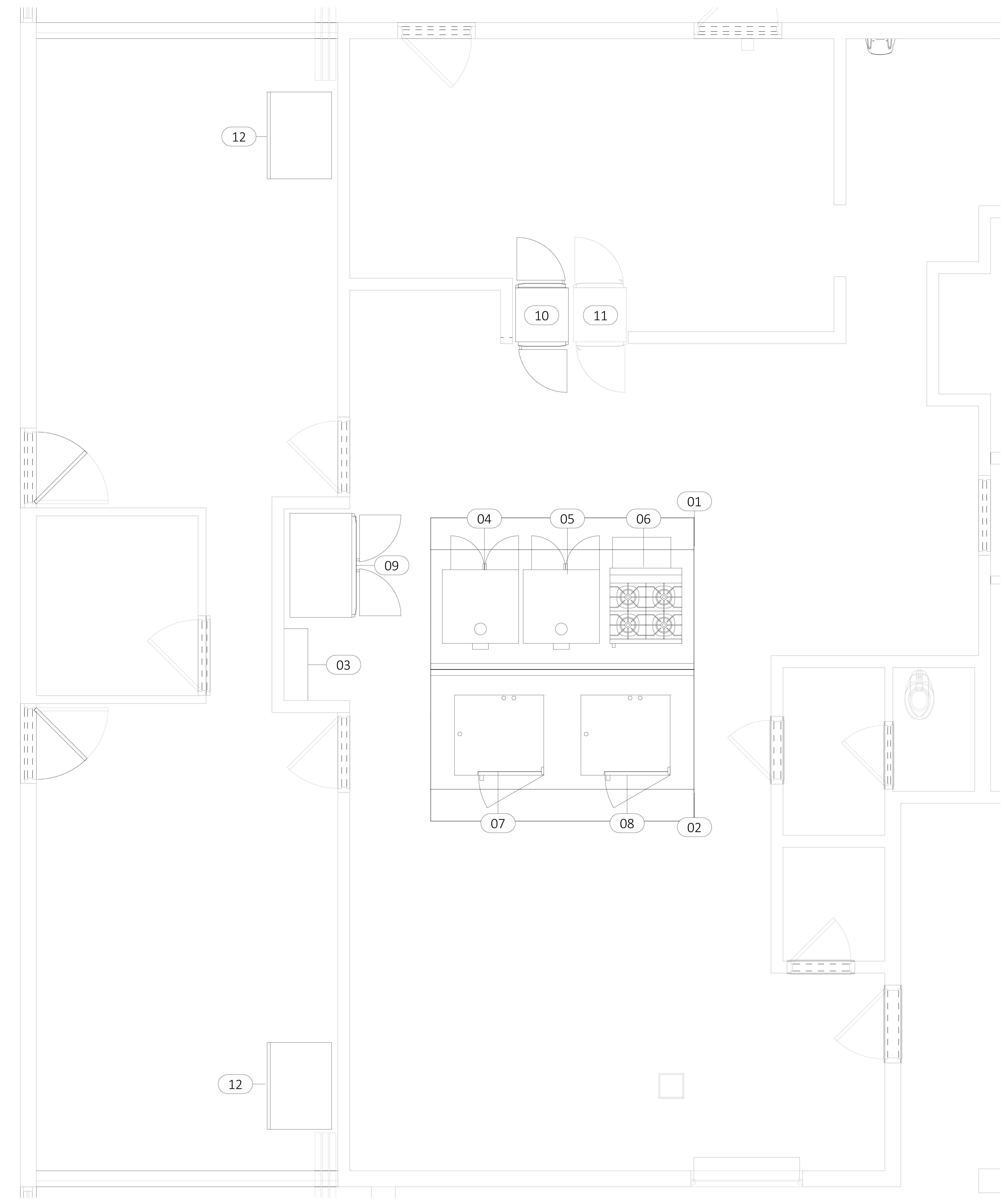

① FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	QTY.	CATEGORY	REMARKS
01	1	EXHAUST HOOD	NEW
02	1	EXHAUST HOOD	NEW
03	1	FIRE SUPPRESSION SYSTEM	NEW
04	1	CONVECTION OVEN	NEW
05	1	CONVECTION OVEN	EXISTING/RELOCATE
06	1	RANGE	NEW
07	1	COMBINATION OVEN	NEW
08	1	COMBINATION OVEN	EXISTING/RELOCATE
09	1	REACH-IN REFRIGERATOR	NEW
10	1	PASS-THRU REFRIGERATOR	NEW
11	1	PASS-THRU HEATED CABINET	EXISTING/REMAIN
12	2	BEVERAGE REFRIGERATOR	NEW

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FOOD SERVICE
EQUIPMENT
PLAN

Sheet No.
WHS
FS101

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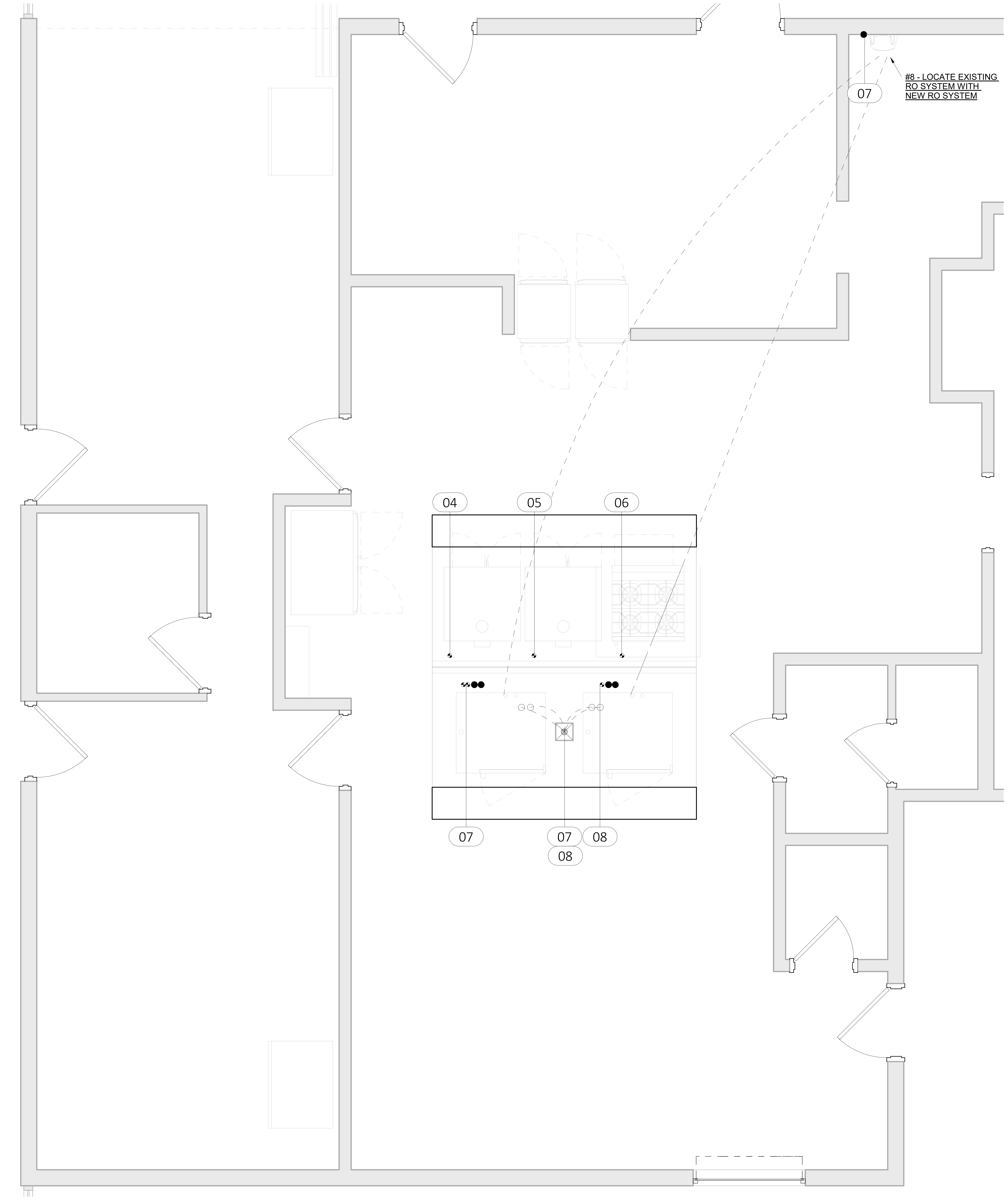

1 FOOD SERVICE PLUMBING PLAN
1/2" = 1'-0"

FOOD SERVICE PLUMBING SCHEDULE

NO.	QTY.	CATEGORY	HW SIZE	CW SIZE	WATER AFF	DW SIZE	DW AFF	IW SIZE	GAS SIZE	BTU/H	GAS AFF	REMARKS
04	1	CONVECTION OVEN							3/4"	100,000	4"	
05	1	CONVECTION OVEN							3/4"	100,000		VERIFY PLUMBING REQUIREMENTS
06	1	RANGE							1 1/4"	190,000	4"	
07	1	COMBINATION OVEN		3/4"	4"			2"	1/2"	136,400	4"	FILTERED WATER FROM RO SYSTEM. (2) UNFILTERED CONNECTIONS REQUIRED, (2) INDIRECT WASTE TO FLOOR SINK. (2) GAS CONNECTIONS REQUIRED @ 68,200 BTU EACH
08	1	COMBINATION OVEN		3/4"				2"	3/4"	109,200		VERIFY PLUMBING REQUIREMENTS

PLUMBING LEGEND

ABBR.	DESCRIPTION	SYMBOL
CW	COLD WATER	●
HW	HOT WATER	○
W	DIRECT WASTE	◍
IW	INDIRECT WASTE	○
FD	FLOOR DRAIN	⊗
FS	FLOOR SINK	⊠
	GAS CONNECTION LP/NG	◕
ACH	ABOVE COUNTER HEIGHT	
AFF	ABOVE FINISHED FLOOR	
BFF	BELOW FINISHED FLOOR	
MBTUH	THOUSAND BTU PER HOUR	

GENERAL PLUMBING NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOWN ARE RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. GENERAL WATER PRESSURE IN KITCHEN AREA NOT TO EXCEED 50 PSI.
3. PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
4. F.S.E.C. TO SUPPLY AND INSTALL ALL FIXTURES AND FAUCETS AS SPECIFIED IN EQUIPMENT SPECIFICATIONS. PLUMBING CONTRACTOR SHALL CONNECT ALL PLUMBING COMPONENTS TO MAKE FINAL CONNECTIONS.
5. FAUCETS, WATER FILTERS, GATE VALVES, WATER HAMMER ARRESTORS, BACK FLOW PREVENTORS, PRESSURE REDUCING VALVES, AND ANY OTHER SPECIFIED PLUMBING COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE PLUMBING CONTRACTOR.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS SHUT OFF VALVES AS REQUIRED AT POINT OF CONNECTION WITH EQUIPMENT.
8. GENERAL GAS PRESSURE IN KITCHEN TO BE VERIFIED BY THE PLUMBING CONTRACTOR. VERIFY PRESSURE WITH F.S.E.C. TO RELATED EQUIPMENT.
9. PLUMBING CONTRACTOR IS REQUIRED TO MOUNT AND INSTALL ALL GAS REGULATORS, GAS PRESSURE REDUCING VALVES, AND GAS HOSES SUPPLIED BY THE F.S.E.C. UNLESS OTHERWISE NOTED.
10. PLUMBING CONTRACTOR TO VERIFY THAT ALL FLOOR SINKS, FLOOR DRAINS, AND WASTES CONFORM TO LOCAL CODES.
11. DIRECT ALL INDIRECT WASTE TO FLOOR SINKS OR DRAINS AS REQUIRED BY LOCAL CODES.
12. PLUMBING CONTRACTOR TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM PROVIDED BY F.S.E.C.

*REFER TO ARCHITECT'S PLUMBING DRAWINGS FOR ADDITIONAL BUILDING PLUMBING REQUIREMENTS.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

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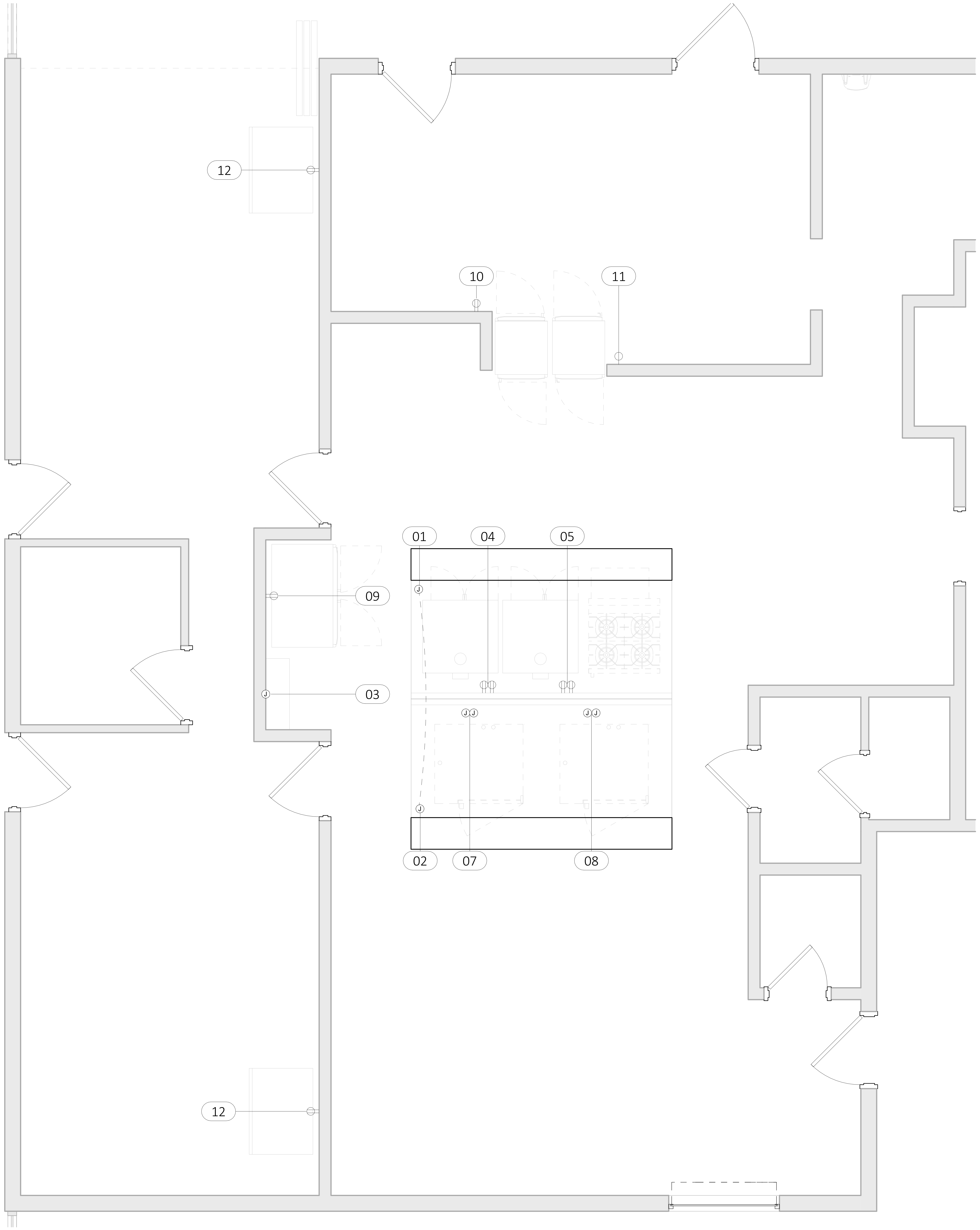
Sheet Title

FOOD SERVICE
PLUMBING
PLAN

Sheet No.

WHS
FS102

CONSTRUCTION DOCUMENTS



① FOOD SERVICE ELECTRICAL PLAN
1/2" = 1'-0"

FOOD SERVICE ELECTRICAL SCHEDULE

NO.	QTY.	CATEGORY	VOLTS	PH	AMPS	HP	CONNECTION	AFF	REMARKS
01	1	EXHAUST HOOD	120	1	10.0 A		DIRECT	108"	SEE SHOP DRAWINGS
02	1	EXHAUST HOOD	120	1	10.0 A		DIRECT	*	INTERCONNECT WITH ITEM 1,SEE SHOP DRAWINGS
03	1	FIRE SUPPRESSION SYSTEM	120	1	10.0 A		DIRECT	108"	SEE SHOP DRAWINGS
04	1	CONVECTION OVEN	120	1	12.0 A	1/2	NEMA 5-15P	4"	(2) CONNECTIONS REQUIRED @ 6.0 A EACH
05	1	CONVECTION OVEN	120	1	12.0 A				VERIFY ELECTRICAL REQUIREMENTS
07	1	COMBINATION OVEN	120	1	15.0 A		DIRECT	4"	(2) CONNECTIONS REQUIRED @ 7.5 A EACH
08	1	COMBINATION OVEN	120	1	7.5 A				VERIFY ELECTRICAL REQUIREMENTS
09	1	REACH-IN REFRIGERATOR	120	1	6.5 A	1/3	NEMA 5-15P	90"	
10	1	PASS-THRU REFRIGERATOR	120	1	6.5 A	1/3	NEMA 5-15P	90"	
11	1	PASS-THRU HEATED CABINET	208	1	5.9 A				VERIFY ELECTRICAL REQUIREMENTS
12	2	BEVERAGE REFRIGERATOR	120	1	5.0 A	1/3	NEMA 5-15P	18"	

ELECTRICAL LEGEND

ABBR.	DESCRIPTION	SYMBOL
DIRECT	ELECTRICAL CONNECTION	⊜
DR	DUPLEX RECEPTACLE	⏀
SR1	SINGLE RECEPTACLE (120V)	⌽
SR2	SINGLE RECEPTACLE (208V)	◬
	FIRE SUPPRESSION PULL BOX	⬡
JB	JUNCTION BOX	Ⓙ
SW	SWITCH	🅂
E	UDS ELECTRICAL	⚡
FS	UDS FIRE FUEL SHUT-OFF	○
F	HOOD FAN CONTROL	⊗
L	HOOD LIGHT CONTROL	⊘
POS	CAT5 DATA CABLE	▽
V	VOLTAGE	
PH	PHASE	
KW	KILOWATTS	
HP	HORSEPOWER	
A	AMPERE	
AFF	ABOVE FINISHED FLOOR	
DFA	DOWN FROM ABOVE	

GENERAL ELECTRICAL NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOW RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. F.S.E.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
3. F.S.E.C. TO BRANCH CONNECTIONS AS REQUIRED.
4. F.S.E.C. TO SUPPLY ALL FIXTURES AND COMPONENTS SPECIFIED IN EQUIPMENT SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT ALL ELECTRICAL COMPONENTS TO MAKE FINAL CONNECTIONS UNLESS OTHERWISE NOTED.
5. SWITCHES, STARTERS, LOCK-OUT DEVICES, DISCONNECTS, AND ANY OTHER REQUIRED ELECTRICAL COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL MEET ALL O.S.H.A. AND CODE REQUIREMENTS.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. ALL MAIN BREAKER PANELS, DISCONNECT SWITCHES, RECEPTACLES, AND RECEPTACLE COVER PLATES ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR IS TO PROVIDE AND PERFORM WIRING BETWEEN THE FIRE SUPPRESSION SYSTEM, MICRO-SWITCHES, COOKING EQUIPMENT, AND BUILDING'S FIRE ALARM SYSTEM. SHUNT TRIP CIRCUITRY WILL BE REQUIRED TO SHUT DOWN COOK LINE IF AN EMERGENCY.
9. VERIFY FINAL EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION. REVISIONS TO EQUIPMENT MAY AFFECT THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK OR MATERIAL REQUIREMENTS.

*REFER TO ARCHITECT'S ELECTRICAL DRAWINGS FOR ADDITIONAL BUILDING ELECTRICAL REQUIREMENTS.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

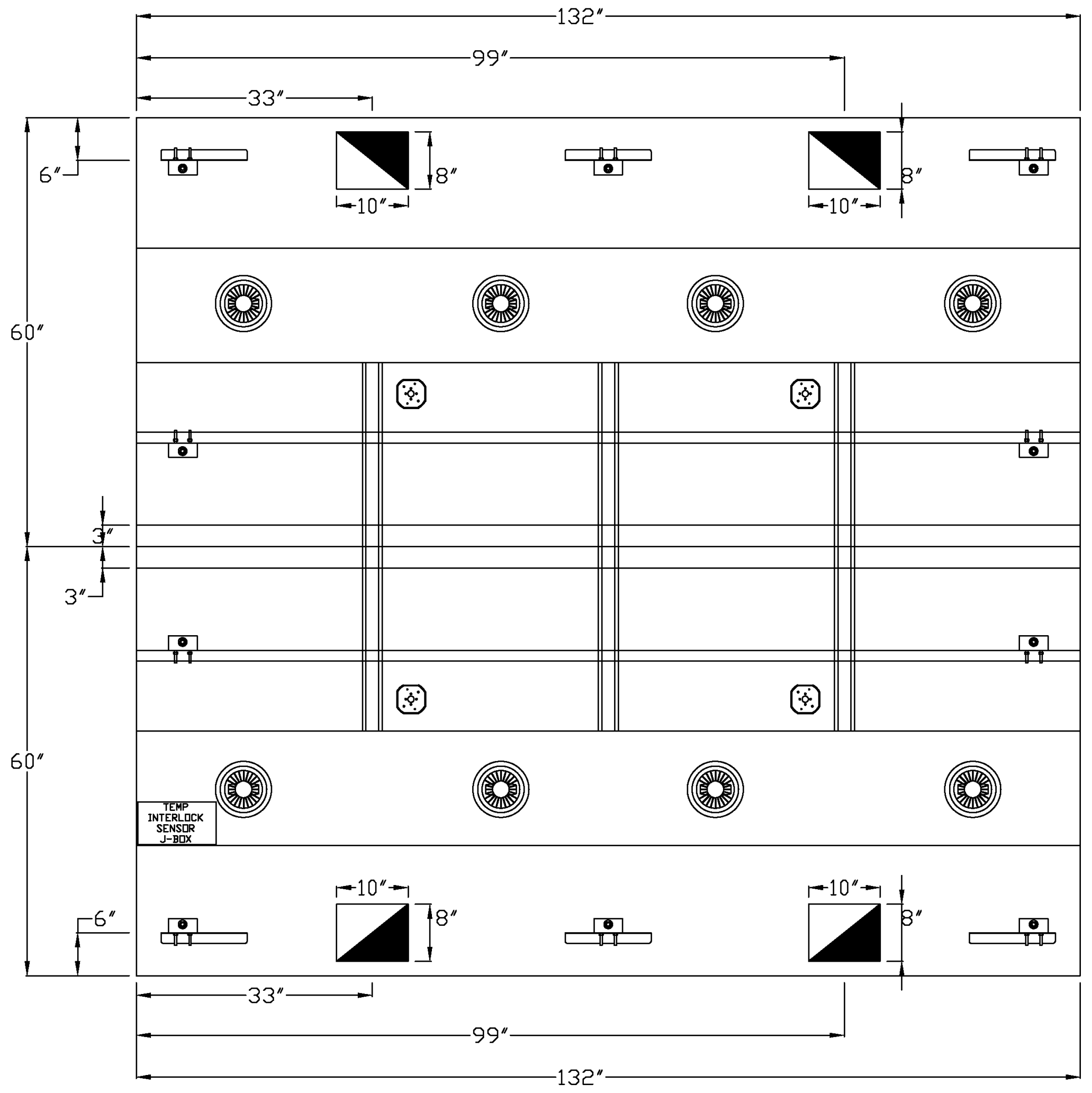
#	DATE	DESCRIPTION

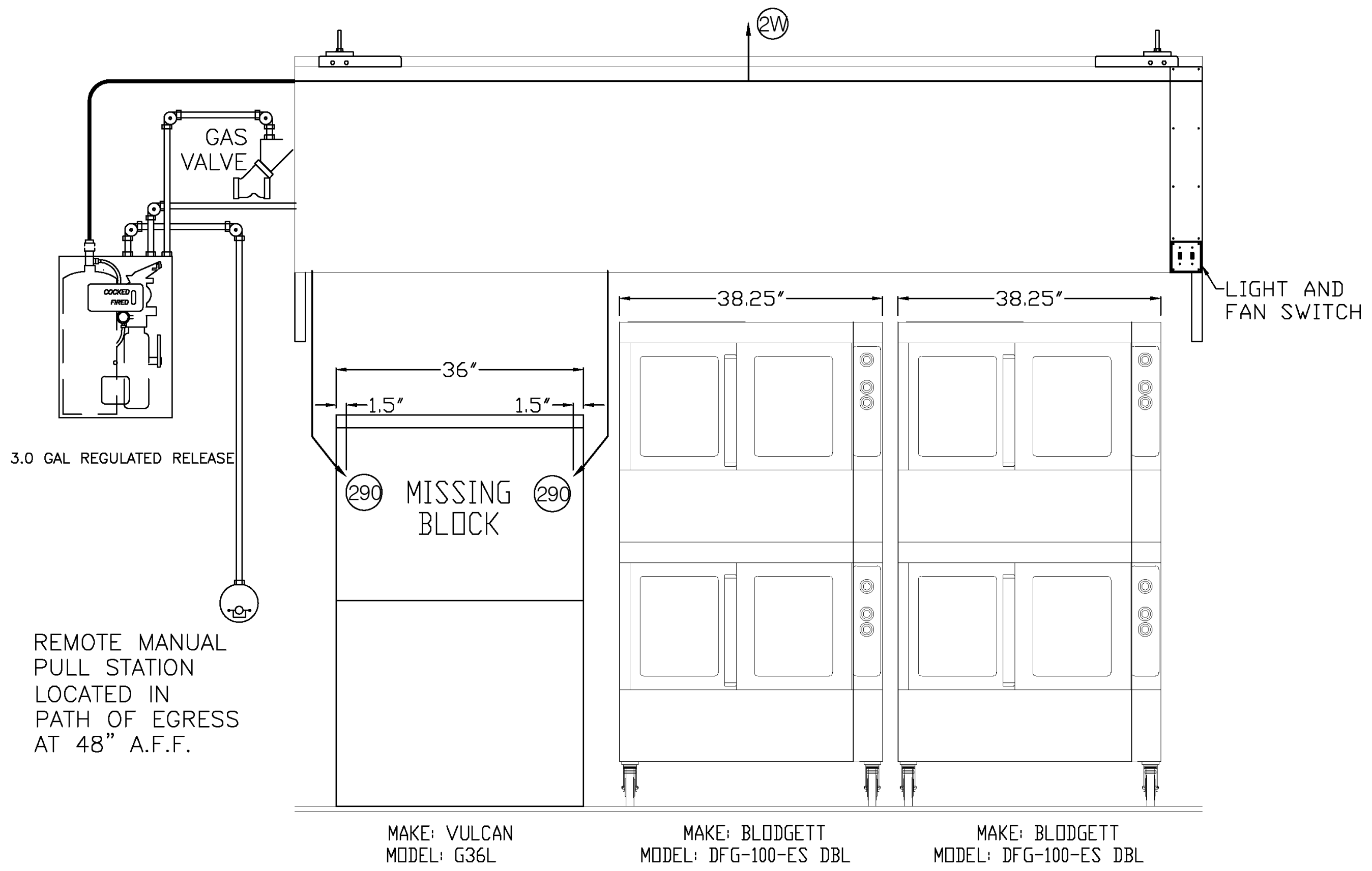
Drawn By:	PT
Checked By:	JW
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12.12.25

Sheet Title
FOOD SERVICE
ELECTRICAL
PLAN

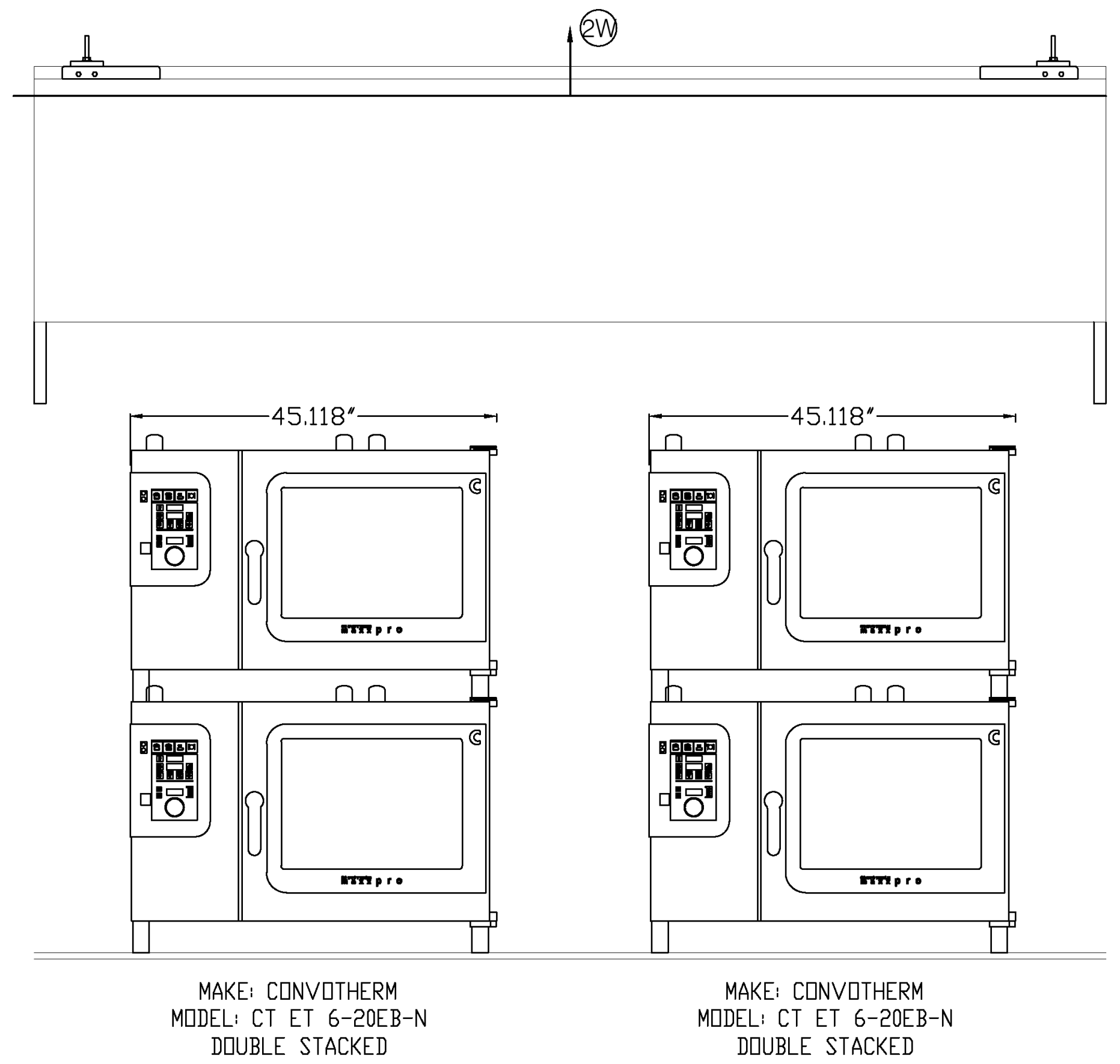
Sheet No.
WHS
FS103

CONSTRUCTION DOCUMENTS



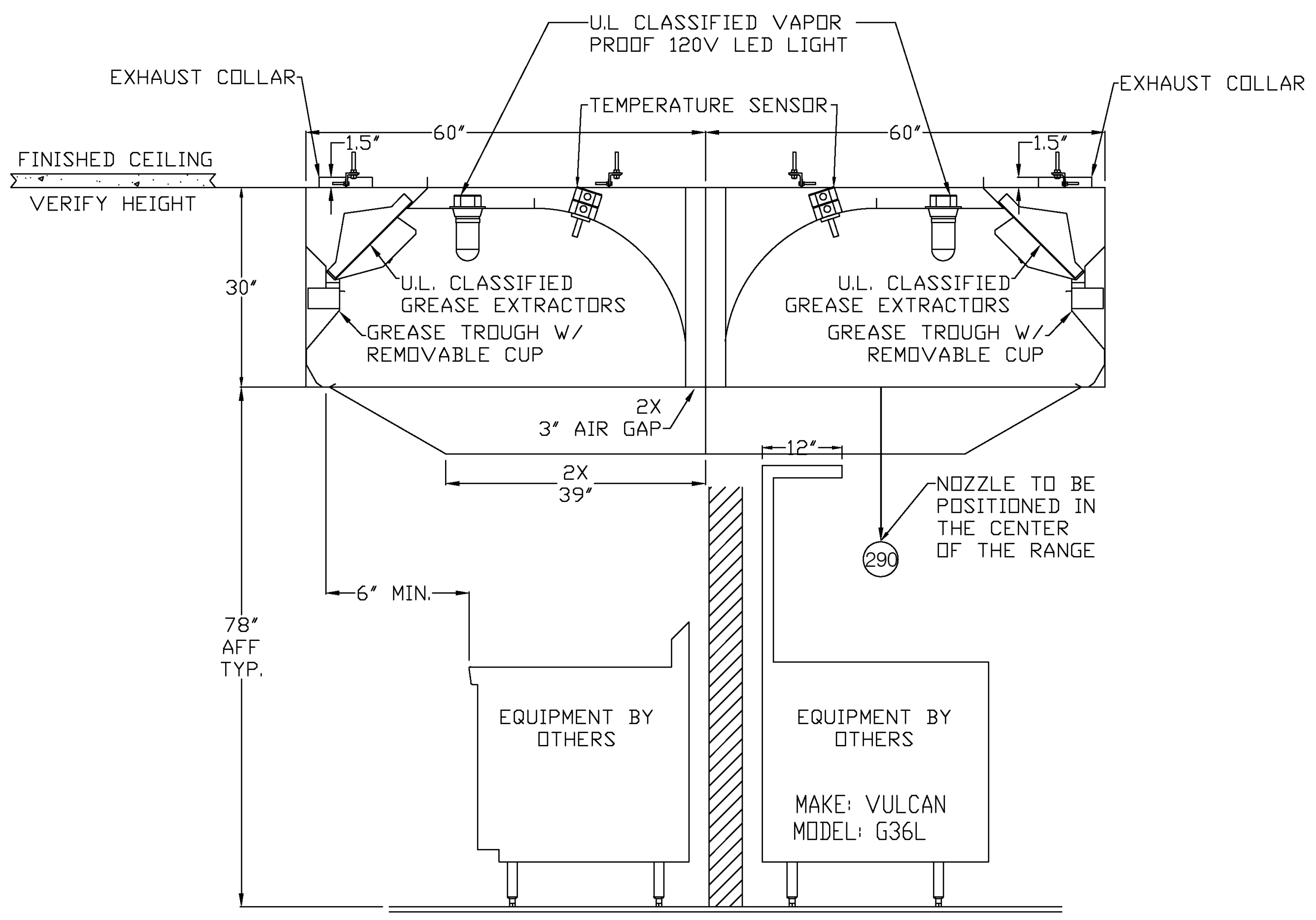


HOOD #1 - EA2-PBB



HOOD #2 - EA2-PBB

CLEARANCE IS REQUIRED TO CLOSEST OVERHEAD OBSTRUCTION (OR STRUCTURAL CEILING). AVTEC REQUIRES 10″ (18″ FOR WATER WASH HOODS) FROM THE TOP OF THE VENTILATOR DUCT COLLAR CONNECTION, ACCESS IS THE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR.


U.L CLASSIFIED VAPOR PROOF 120V LED LIGHT
EXHAUST COLLAR
TEMPERATURE SENSOR
EXHAUST COLLAR
1.5″
60″
60″
1.5″
FINISHED CEILING
VERIFY HEIGHT
30″
U.L. CLASSIFIED GREASE EXTRACTORS
GREASE TROUGH W/ REMOVABLE CUP
U.L. CLASSIFIED GREASE EXTRACTORS
GREASE TROUGH W/ REMOVABLE CUP
2X 3″ AIR GAP
12″
2X 39″
NOZZLE TO BE POSITIONED IN THE CENTER OF THE RANGE
290
6″ MIN.
78″ AFF TYP.
EQUIPMENT BY OTHERS
EQUIPMENT BY OTHERS
MAKE: VULCAN
MODEL: G36L

HOOD #2 - VDD-P

HOOD #1 - VDD-P

EXHAUST SCHEDULE

HOOD ITEM NUMBER	APPROX. WEIGHT IN LBS	HOOD WIDTH	HOOD DEPTH	HOOD HEIGHT	TOTAL EXHAUST VOLUME	EXHAUST RATE PER LIN./FT	COLLARS			EXH. COLLAR VELOCITY	S.P. - WC AT COLLAR	COLLAR QTY.
							F-B	L-R	CFM PER COLLAR			
1	688	132	60	30	1750	159	8	10	875	1575	0.9	2
2	688	132	60	30	1750	159	8	10	875	1575	0.9	2

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

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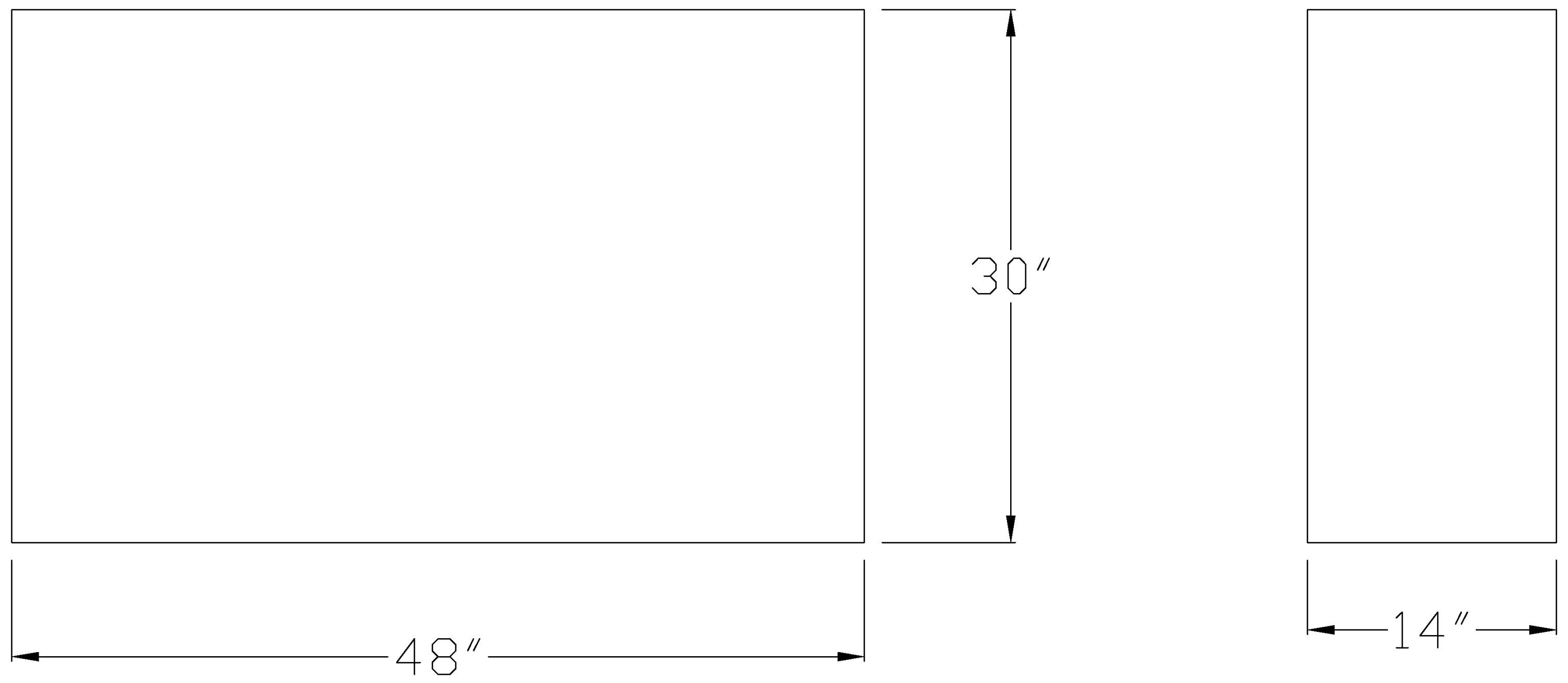
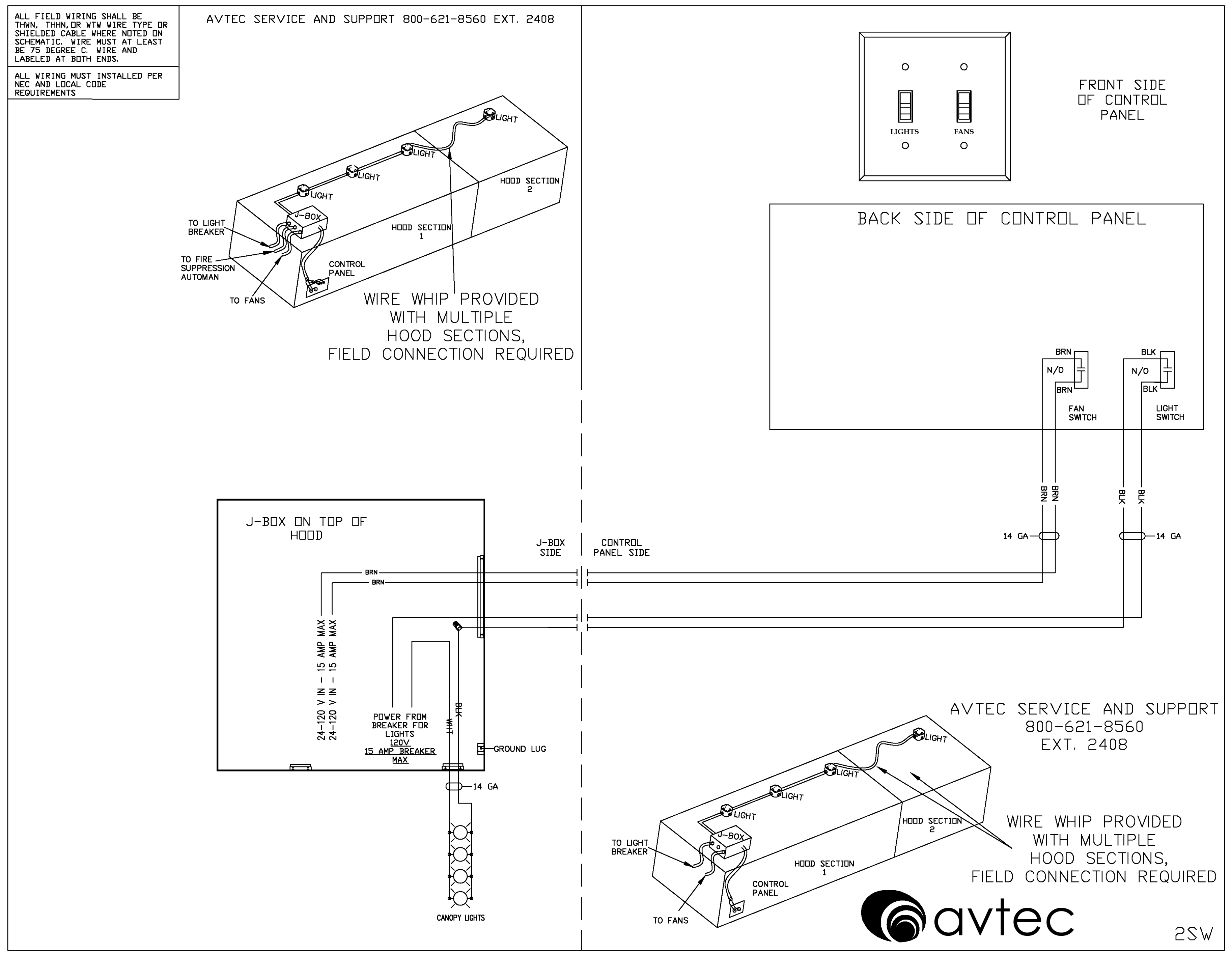
FOOD SERVICE
EXHAUST
HOOD
DETAILS

Sheet No.
WHS
FS104
CONSTRUCTION DOCUMENTS



UTILITY BOX TO BE SHIPPED LOOSE AND WALL MOUNTED
TO HOUSE FIRE SUPPRESSION SYSTEM

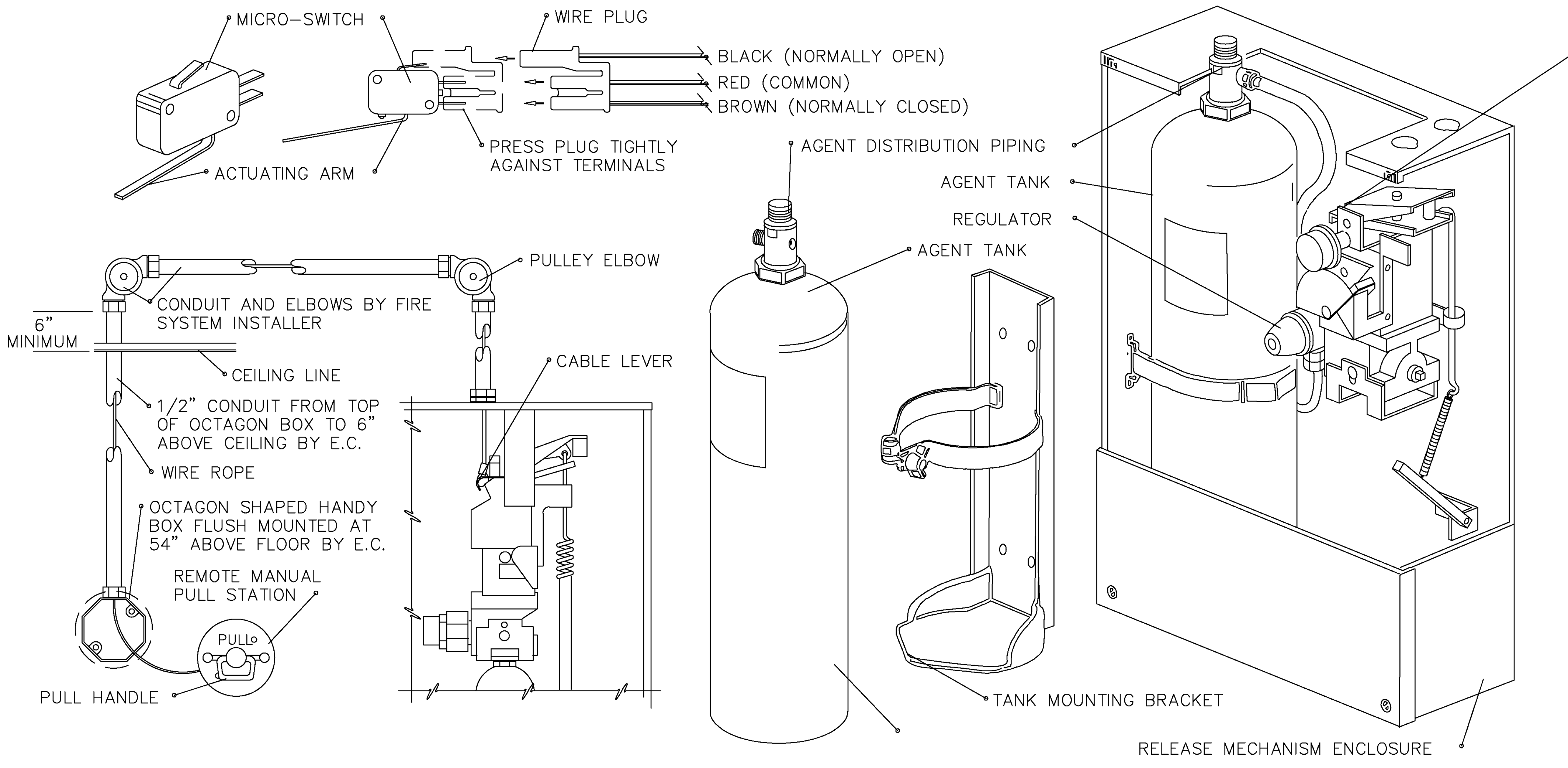


ALL FIELD WIRING SHALL BE THWN, THHN, OR WTW WIRE TYPE OR SHIELDED CABLE WHERE NOTED ON SCHEMATIC. WIRE MUST AT LEAST BE 75 DEGREE C. WIRE AND LABELED AT BOTH ENDS.

ALL WIRING MUST INSTALLED PER NEC AND LOCAL CODE REQUIREMENTS

IMPORTANT NOTES:

AVTEC WILL SUPPLY THE ANSUL FIRE PROTECTION SYSTEM COMPONENTS AND INSTALLATION. THIS CONSISTS OF UL LISTED WET CHEMICAL FIRE SUPPRESSION SYSTEM FIELD INSTALLED TO INCLUDE: PIPING OF HOODS IN FIELD, ALL SUPPLY AND DETECTION LINES,SUPPLY DROPS WITH NOZZLES, MECHANICAL GAS VALVE UP TO 2", REMOTE MANUAL PULL STATION, DPDT MICROSWITCH. DOES NOT INCLUDE ELECTRIC GAS SOLENOID VALVE OF ANY SIZE, ELECTRICAL WORK, OR WET TEST IF REQUIRED. INSTALL WILL BE COORDINATED WITH A FIELD INSTALLATION CONTRACTOR TO CONFIGURE THE SYSTEM BASED ON FIELD CONDITIONS.


MICRO-SWITCH
WIRE PLUG
BLACK (NORMALLY OPEN)
RED (COMMON)
BROWN (NORMALLY CLOSED)
ACTUATING ARM
PRESS PLUG TIGHTLY AGAINST TERMINALS
PULLEY ELBOW
CONDUIT AND ELBOWS BY FIRE SYSTEM INSTALLER
6" MINIMUM
CEILING LINE
CABLE LEVER
1/2" CONDUIT FROM TOP OF OCTAGON BOX TO 6" ABOVE CEILING BY E.C.
WIRE ROPE
OCTAGON SHAPED HANDY BOX FLUSH MOUNTED AT 54" ABOVE FLOOR BY E.C.
REMOTE MANUAL PULL STATION
PULL
PULL HANDLE
AGENT DISTRIBUTION PIPING
AGENT TANK
REGULATOR
AGENT TANK
TANK MOUNTING BRACKET
RELEASE MECHANISM ENCLOSURE
REGULATED RELEASE MECHANISM

UL 300 LISTED WET CHEMICAL FIRE SUPPRESSION SYSTEM AND TANK(S).

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL POWER DISCONNECT DEVICES FOR ALL EQUIPMENT BELOW THE HOOD, SHUTTING OFF ALL SERVICE, INCLUDING CONTROL VOLTAGE, UPON ACTIVATION OF THE FIRE PROTECTION SYSTEM.

MICRO-SWITCH FURNISHED WITH SYSTEM TO BE INTERWIRED TO THE SHUT-OFF DEVICES FOR THE COOKING EQUIPMENT BY THE ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL AN OCTAGON SHAPED HANDY BOX FOR THE PULL STATION AT 54" ABOVE THE FLOOR WITH 1/2" CONDUIT FROM THE TOP OF THE BOX TO 6" ABOVE THE CEILING.

GAS SHUT-OFF VALVE FURNISHED WITH THE SYSTEM (IF REQUIRED) TO BE INSTALLED IN THE GAS LINE SERVING THE COOKING EQUIPMENT BY THE PLUMBING CONTRACTOR. VERIFY SIZE OF GAS LINE.

ALL EXPOSED PIPEWORK TO BE STAINLESS STEEL OR CHROME WHERE EXPOSED.

VERIFY LOCATION OF REMOTE MANUAL PULL STATION. UNIT MUST BE PLACED WITHIN EASY ACCESS OF EXIT DOOR.

VERIFICATION NOTE

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FS105

CONSTRUCTION DOCUMENTS

SWIMMING POOL DESIGN DATA

POOL STATISTICS	UNITS	DATA
POOL WATER SURFACE AREA	FT^2	3,415
POOL PERIMETER	FT	250.0
POOL DEPTHS (MIN./MAX.)	FT	3'–9" / 13.0
POOL VOLUME	GALLONS	208,000
CIRCULATION SYSTEM & FILTERS		
POOL TURNOVER TIME	HOUR	6.0
FILTER RECIRCULATION RATE	GAL/MIN	615
FILTER TANK METHOD	N/A	VACUUM SAND
FILTRATION RATE (MAX. DESIGN)	GPM/FT^2	15
FILTER AREA REQUIRED (MINIMUM)	FT^2	41.1
FILTER QUANTITY	N/A	1
FILTRATION AREA (ACTUAL)	FT^2	50
FILTRATION RATE (ACTUAL)	GPM/FT^2	13

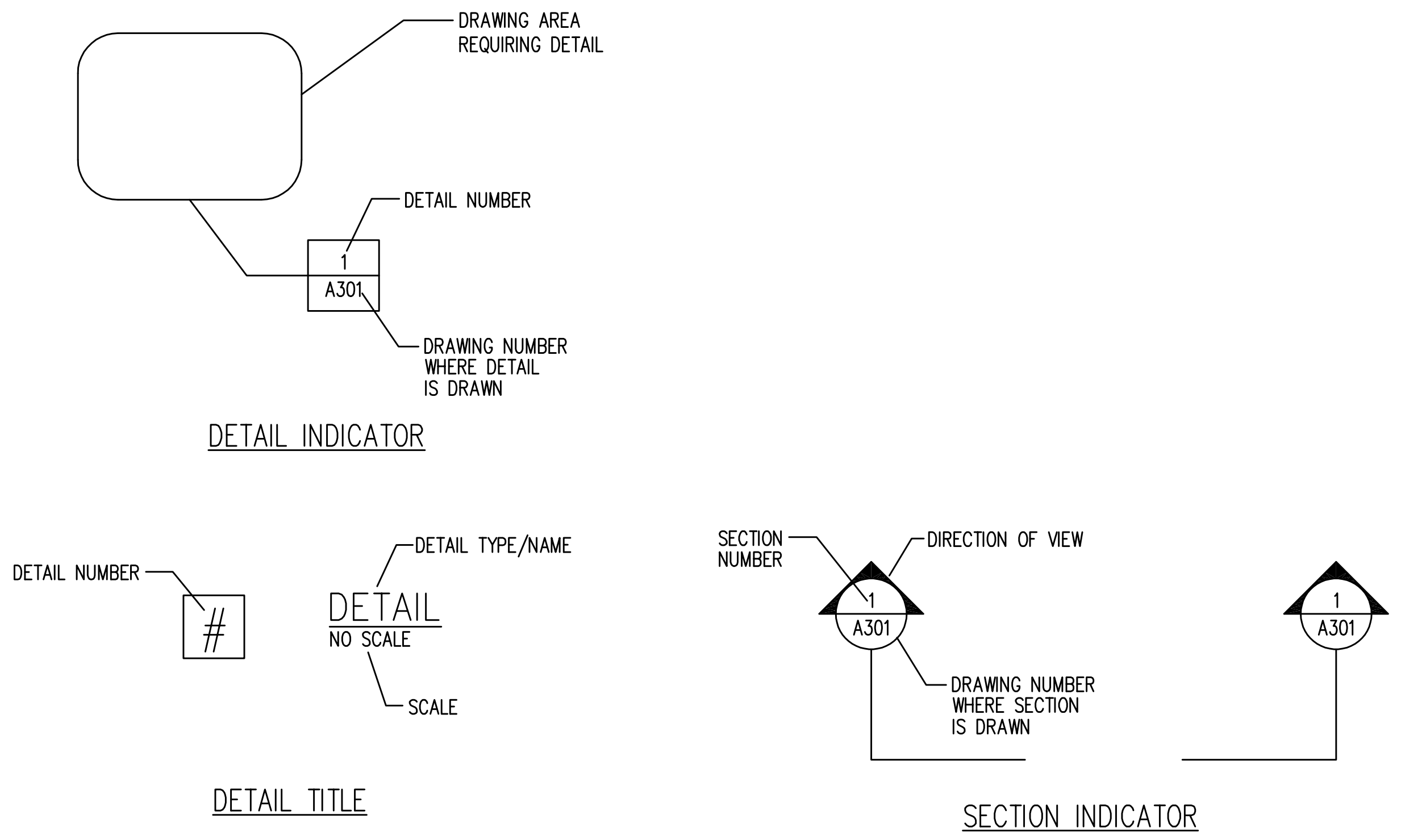
NOMINAL PIPE SIZES (ENGLISH)

ALL SWIMMING POOL PIPE SIZES AS INDICATED UPON THE DRAWINGS ARE BASED UPON THE FOLLOWING TABLE, REGARDLESS OF TYPE OF SYSTEM OR PIPING MATERIAL.

NPS (inches)	Actual O.D. (inches)	NPS (inches)	Actual O.D. (inches)
1/8	0.405	4	4.500
1/4	0.540	5	5.563
3/8	0.675	6	6.625
1/2	0.840	8	8.625
3/4	1.050	10	10.750
1	1.315	12	12.750
1–1/4	1.660	14	14.000
1–1/2	1.900	16	16.000
2	2.375	18	18.000
2–1/2	2.875	20	20.000
3	3.500	24	24.000
3–1/2	4.000		

NPS IS THE INCH–POUND DESIGNATION FOR "NOMINAL PIPE SIZE"

SYMBOLS



GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL CONFORM WITH THE NEW YORK STATE SANITYARY CODE, SUBPART 6–1.
2. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH ORANGE COUNTY HEATH DEPARTMENT REQUIREMENTS AND WATER SAFETY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE OWNER FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE. REVIEW AND APPROVAL OF PLANS DOES NOT RELEASE ANY CONTRACTOR FROM RESPONSIBILITY FOR ERRORS AND OMISSIONS ON SAID PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE WITH ANY ABNORMALITIES. THE CONTRACTOR SHALL HIRE A UTILITY LOCATION SERVICE PROVIDER TO CONDUCT UTILITY MAPPING. THE CONTRACTOR (OR THEIR UTILITY LOCATION SUB–CONTRACTOR) SHALL WORK WITH ALL UTILITY COMPANIES AS NECESSARY TO SUCCESSFULLY CLEAR THE AREA MARKED. SEE SPECIFICATION NO. 023313 FOR ADDITIONAL INFORMATION.
4. ALL CONTRACTORS AND SUB–CONTRACTORS OF INDIVIDUAL TRADES SHALL HAVE THE NECESSARY EXPERIENCE AND QUALIFICATIONS TO COMPLETE ANY WORK TO BE PERFORMED ON THE PROJECT. UNQUALIFIED CONTRACTORS / INDIVIDUALS WILL NOT BE PERMITTED.
5. EXISTING CONDITIONS INFORMATION SHOWN IN THIS PLAN SET HAVE BEEN BASED ON RECORD DRAWINGS, LIMITED FIELD MEASUREMENTS, AND SITE OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMATION OF AS–BUILT CONDITIONS THAT WILL IMPACT CONSTRUCTION.
6. THE CONTRACTOR(S) SHALL MEET THE QUALIFICATIONS LISTED IN SPECIFICATIONS AND BE RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF ALL SPECIALTY EQUIPMENT SPECIFIED UNDER DIVISION 13.
7. DURING CONSTRUCTION, AN APPROVED SET OF PLANS, PROJECT MANUAL AND ALL ADDENDUMS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
8. ALL WORK SHALL COMPLY WITH NATIONAL ELECTRIC CODE SECTION 680 AND ALL BUILDING & HEALTH CODE REQUIREMENTS WHICH APPLY TO POOL CONSTRUCTION. SEE ELECTRICAL PLANS AND SPECIFICATIONS INCLUDED WITHIN THIS BID SET FOR DETAILS.
9. ALL NEWLY INSTALLED PIPING SHALL BE HYDRAULICALLY TESTED TO 40 PSI AND TEST SHALL REMAIN ON PIPES UNTIL ALL CONCRETE OR BACKFILL HAS BEEN COMPLETED FOR A 4 HOUR DURATION. PIPING SHALL BE PVC HAVING NSF–PW SEAL OF APPROVAL. ALL POOL PIPE & FITTINGS SHALL BE SCHEDULE 80 PVC UNLESS LISTED DIFFERENTLY ON SPECIFIC DETAILS.
10. ALL NEWLY INSTALLED POOL COMPONENTS INCLUDING METAL ANCHORS, GUTTERS, REBAR, AND IMBEDS SHALL BE PROPERLY BONDED PER NEC 680.
11. ALL EXPOSED PVC PIPING SHOULD BE PROPERLY IDENTIFIED ACCORDING TO NEW YORK STATE SANITARY CODE SUBPART 6–1..
12. ALL MAIN DRAIN GRATES MUST BE SECURED WITH NON CORROSIVE STAINLESS STEEL TAMPER PROOF SCREWS TO PREVENT UNWANTED REMOVAL.
13. ALL PRODUCTS SPECIFIED WITHIN THESE PROJECT DOCUMENTS HAVE UNDERGONE ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW/APPROVAL. ANY CHANGES TO THE OCDOH–APPROVED PLANS MUST ALSO BE REVIEWED AND APPROVED BY OCDOH BEFORE CONSTRUCTION/INSTALLATION.
14. THE CONTRACTORS SHALL MAINTAIN SITE SECURITY AND EMPLOY ENGINEERING CONTROLS TO ENSURE A SAFE WORK ENVIRONMENT FOR THE DURATION OF THE PROJECT. ALL APPROPRIATE PPE REQUIREMENTS SHALL BE STRICTLY FOLLOWED.
15. ALL HARDWARE SUPPLIED AND INSTALLED BY CONTRACTOR IN THIS PROJECT SHALL BE 18–8 STAINLESS STEEL (IE: PUMP MOUNTING HARDWARE, PIPE FLANGE CONNECTIONS, ETC.). NO EXCEPTIONS.
16. ALL PIPE SUPPORTS SHALL BE STAINLESS STEEL (INCLUDING HARDWARE). NO EXCEPTIONS.
17. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. SEE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
18. ANY DAMAGE MISTAKENLY CAUSED BY THE CONTRACTOR(S) SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
19. THE DESIGN, CONSTRUCTION, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE THE NEW YORK STATE SANITARY CODE SUBPART 6–1 "SWIMMING POOLS", AND NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, 9, NYCRR, SUBTITLE S, CHAPTER 1 (UNIFORM CODE).
20. THE UNDERSIGNED NEW YORK STATE REGISTERED DESIGN PROFESSIONAL CERTIFIES THAT THE POOL RENOVATION HAS BEEN DESIGNED AND IS TO BE CONSTRUCTED TO WITHSTAND ALL ANTICIPATED LOADINGS FOR BOTH THE FULL AND EMPTY CONDITIONS.
21. THE RENOVATION OF THE POOL SHALL BE UNDER THE SUPERVISION OF A NEW YORK STATE REGISTERED DESIGN PROFESSIONAL. THE REGISTERED PROFESSIONAL SHALL SUBMIT A CONSTRUCTION COMPLIANCE CERTIFICATE TO THE ORANGE COUNTY DEPARTMENT OF HEALTH STATING THAT THE CONSTRUCTION OR RENOVATION WAS COMPLETED IN CONFORMANCE WITH THE APPROVED/ACCEPTED PLANS, REPORTS, AND SPECIFICATIONS, AND THAT THE DESIGN PROFESSIONAL CERTIFIES THE STRUCTURAL STABILITY AND SAFETY OF THE POOL DURING FULL AND EMPTY CONDITIONS.
22. ANY CHANGES TO THESE PLANS SHALL RECEIVE PRIOR WRITTEN APPROVAL/ACCEPTANCE FROM THE ORANGE COUNTY DEPARTMENT OF HEALTH BEFORE CONSTRUCTION.
23. ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL/ACCEPTANCE IS LIMITED TO 5 YEARS. TIME EXTENSIONS MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON DEVELOPMENT FACTS AND ANY NEW REGULATIONS, OR GUIDANCE, IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
24. UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION (DIAL 811 OR WWW.UDIGNY.ORG).

PIPING AND COMPONENT IDENTIFICATION

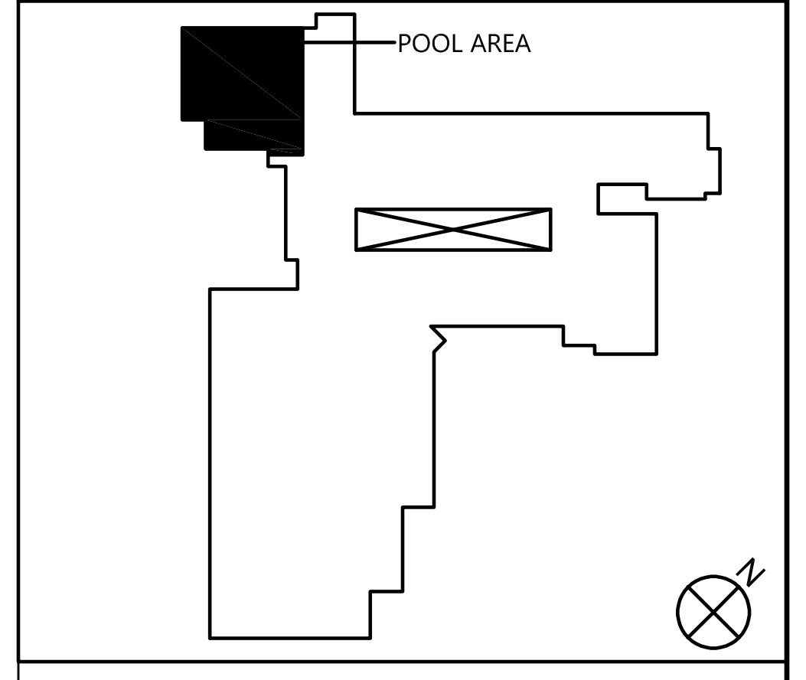
1. THE CONTRACTOR SHALL FURNISH & INSTALL ALL POOL PIPING WITHIN THE POOL EQUIPMENT ROOM AS PER NYS SANITARY COD SUBPART 6–1, SECTION 9.0 RECIRCULATION SYSTEMS AND EQUIPMENT.
2. ALL EXPOSED PIPING SHOULD BE COLOR CODED IN ACCORDANCE WITH THE TABLE AS LISTED UNDER SECTION 9.4

SHEET SUMMARY TABLE

SP–001	AQUATICS LEGENDS & NOTES PLANS
SP–100	AQUATICS LAYOUT PLAN
SP–200	AQUATICS DETAILS
SP–300	GUTTER DEMOLITION PLAN
SP–301	GUTTER LAYOUT PLAN
SP–302	GUTTER DETAILS
SP–303	GUTTER DETAILS II
SP–400	MECHANICAL ROOM LAYOUT PLAN
S–100	SLAB AND ELEVATED SLAB PLAN
A–650	PARTITION, CASEWORK, AND TILE DETAILS
A–626	POOL AREA – NEW WORK PLAN & INT. ELEVATIONS
AF–626	POOL AREA – FINISH PLAN

FOR OCDOH USE ONLY

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

DAVID J. SAVAGE
072682

#	DATE	DESCRIPTION
1	7/17/26	OCDOH ADDENDUM #1

Drawn By:	CSA
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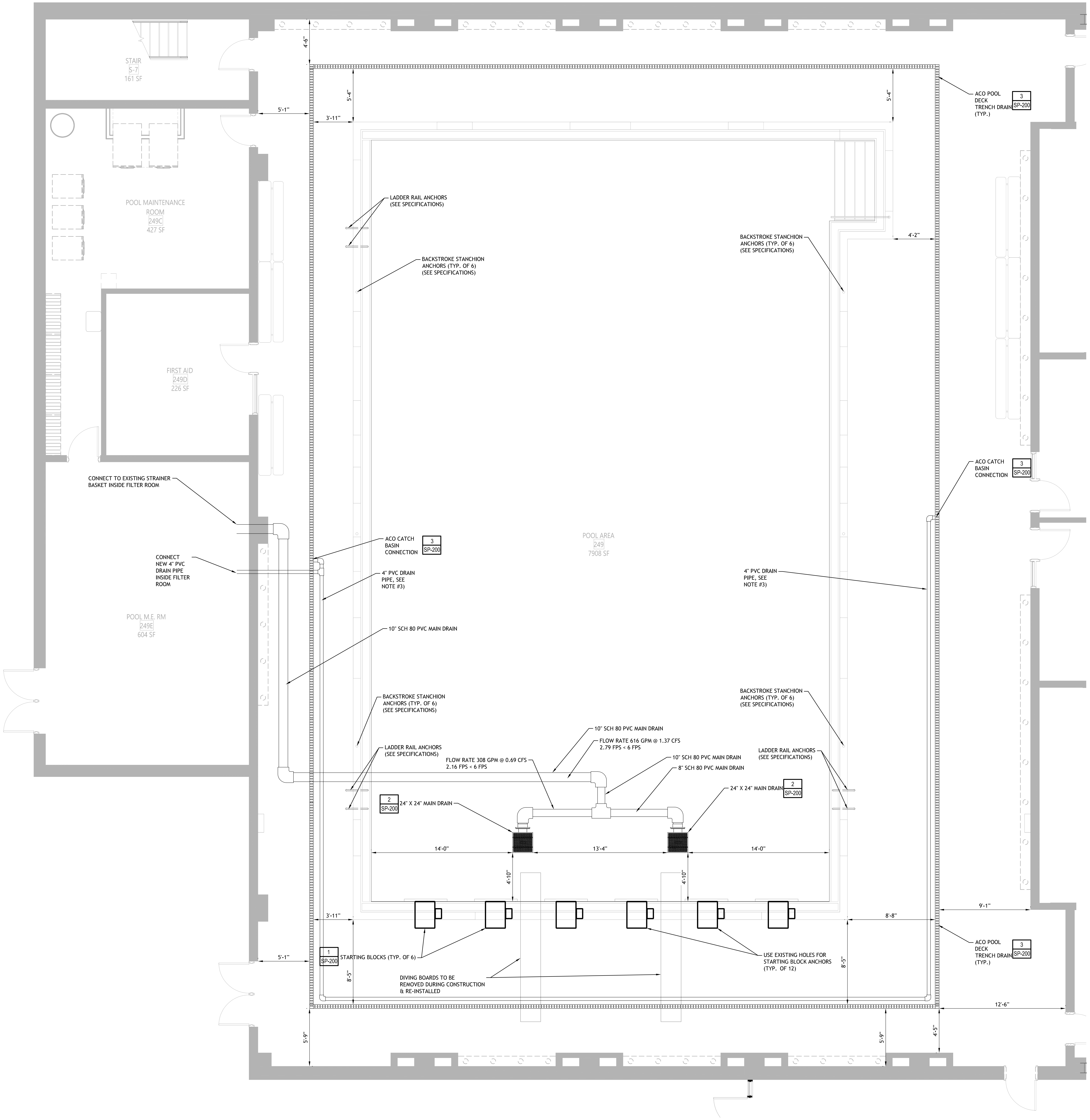
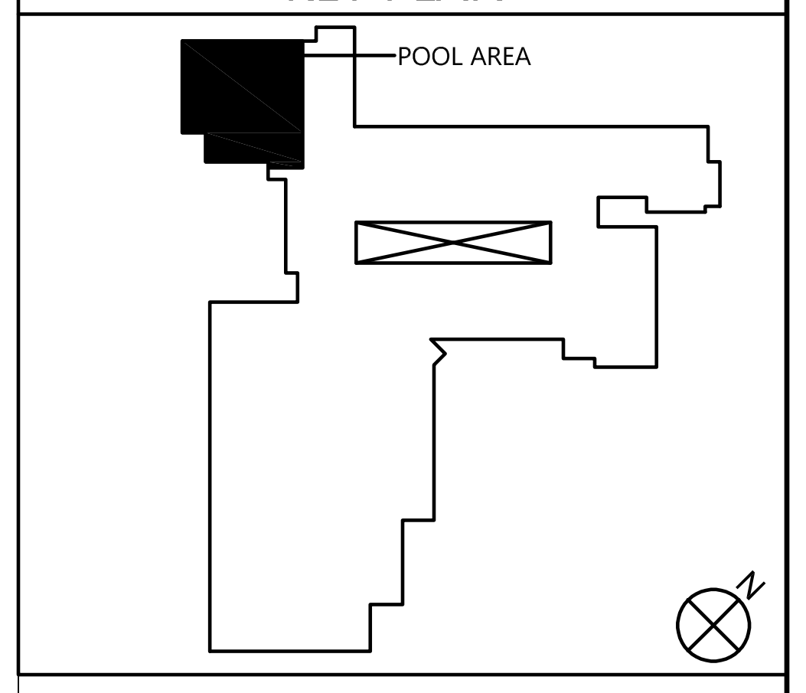


NOTES:

1. ALL DEMOLITION WORK ASSOCIATED WITH THE AQUATICS WORK SHALL BE SHOWN ON THE ARCH PLANS
2. LOCATION OF DEPTH MARKERS, BACKSTROKE ANCHORS, AND LADDERS SHALL BE SHOWN ON THE ARCH PLANS.
3. CONTRACTOR TO VERIFY CONDITION OF EXISTING DRAIN PIPE & PROVIDE INFORMATION TO THE ENGINEER. IF THE EXSITING PIPE IS DEEMED UNSUITABLE, THEN THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMO WORK TO INSTALL A NEW 4" DRAIN PIPE AS SHOWN ON THE PLAN (SP-100). THE 4 " DRAIN PIPE SHALL HAVE POSITIVE PITCH FROM THE RIGHT SIDE OF THE POOL CATCH BASIN CONNECTION TO THE CONNECTION INSIDE THE FILTER ROOM.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

DAVID J. SAVAGE
072682

#	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	8/7/26

Sheet Title

AQUATICS
LAYOUT PLAN

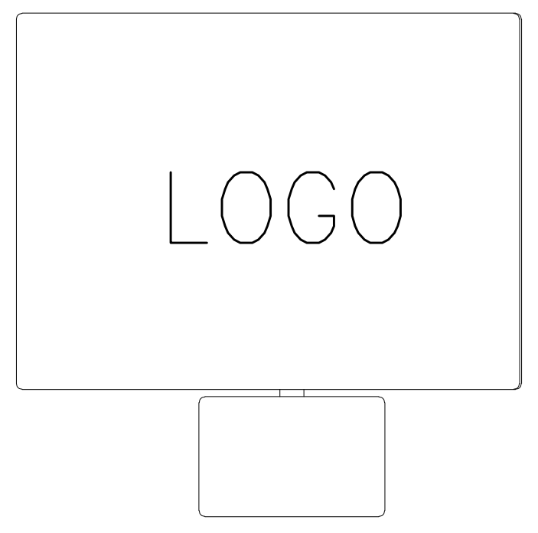
Sheet No.

WHS
SP-100

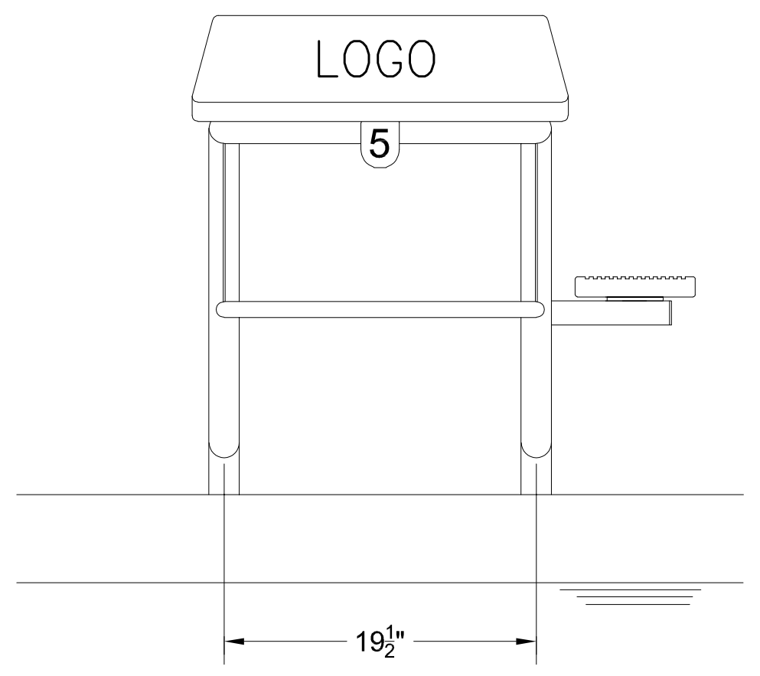
CONSTRUCTION DOCUMENTS

NOTES:

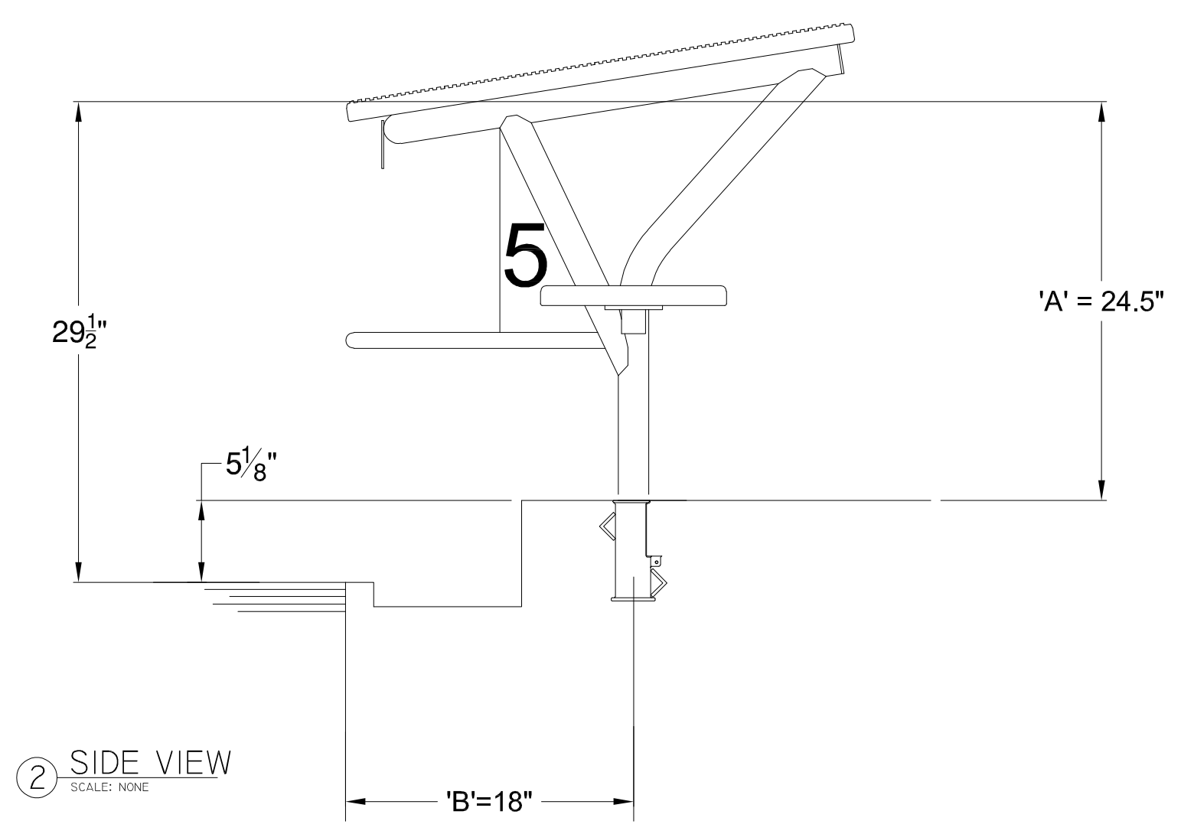
1. THE TRACK PLUS STARTING PLATFORM SHALL BE ID. NO. 24514 BY PARAGON AQUATICS.
2. THE TRACK START PLUS STARTING PLATFORM OFFERS THE ABILITY TO ADD THE PLUS+ ADJUSTABLE BACKPLATE (NOT SHOWN IN DETAIL) ID. NO. 27500
3. THE TRACK START PLUS ALSO OFFERS THE SIDE HAND GRIP KIT (NOT SOWN IN DETAIL) ID. NO. 27501
4. CUSTOM LOGO TO BE PROVIDED BY DISTRICT.



③ PLAN VIEW
SCALE: NONE



① FRONT VIEW
SCALE: NONE

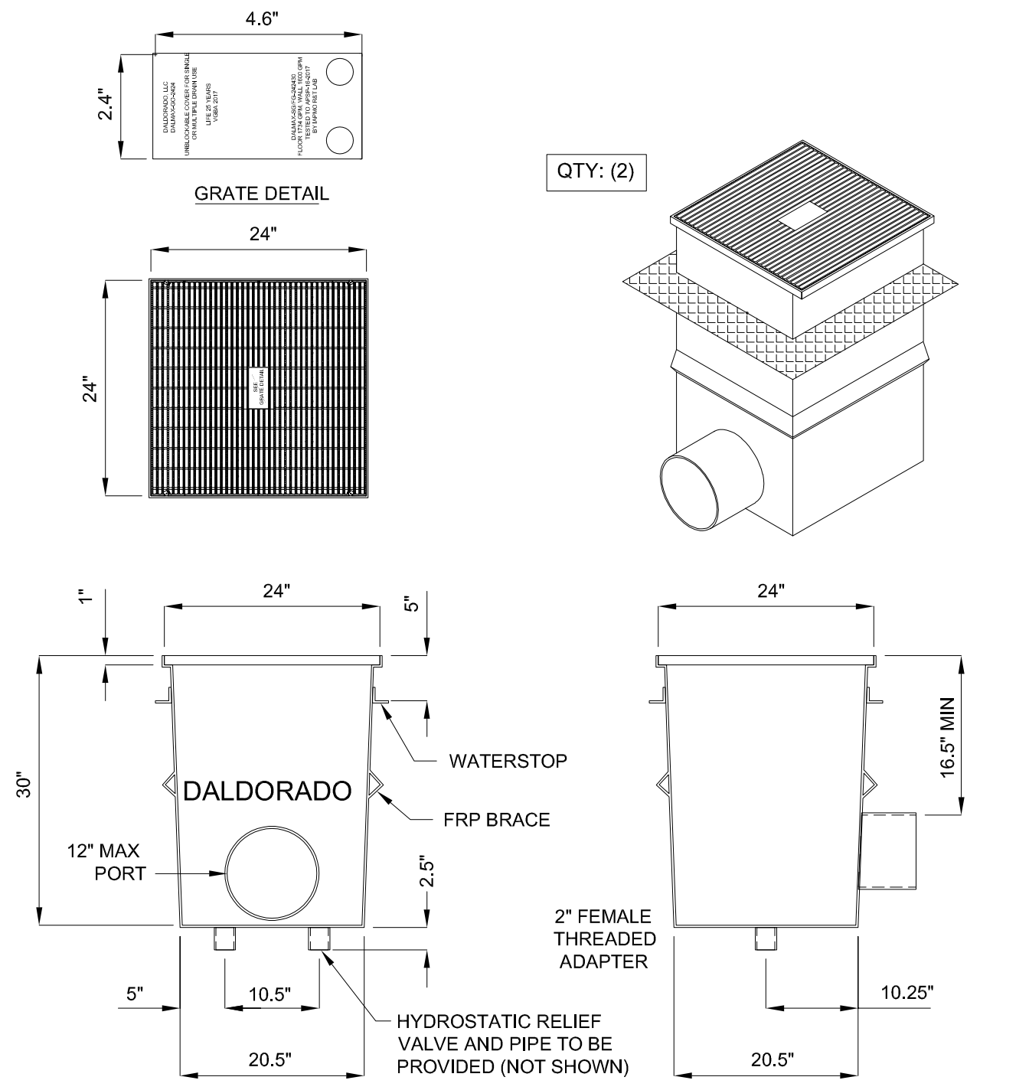


② SIDE VIEW
SCALE: NONE

1 TRACK START PLUS+ STARTING BLOCK DETAIL

SCALE: N.T.S.

**CERTIFIED MAXIMUM FLOW RATE:
FLOOR-1,734 GPM > 616 GPM (POOL FLOOR FLOW RATE**



SUMP AND GRATE: UNBLOCKABLE SOFA CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2019, AND USPC. RPD FIELD CERTIFICATION IS NOT REQUIRED. CORROSION RESISTANT, NON-CONDUCTIVE, NON-MAGNETIC, AND REQUIRES NO BONDING.

SUMP: FABRICATED WITH 8-OZ FIBERGLASS MAT AND WHITE MARINE GRADE GEL COAT (APPLIED INSIDE ONLY). A 1.5-IN FRP WATER STOP IS LOCATED 5-IN BELOW TOP LIP OF SUMP AND A 1.5-IN FRP BRACE IS APPLIED, BOTH AROUND THE OUTSIDE PERIMETER. TWO (2) 2-IN SCH-40 FEMALE THREADED ADAPTERS ARE INSTALLED STANDARD ON THE BOTTOM OF THE SUMP FOR HYDROSTATIC VALVE CONNECTION. THE MAXIMUM SIDE PORT SIZE IS 12-IN, AND PORT SIZES > 12-IN ARE PERMITTED TO BE LOCATED ON THE BOTTOM. ANY CONFIGURATION OF MULTIPLE PORTS OF ANY SIZE IS PERMITTED PROVIDED ALL SIDE PORTS ARE <= 12-IN. THE CERTIFIED MAXIMUM FLOW RATE FOR THE SOFA MUST NOT BE EXCEEDED. "DALDORADO" IS STENCILED ON THE BODY, AND MARKING REQUIRED BY STANDARDS IS IMPRINTED ON THE LEDGE. WATER STOP ON PORT, MOUNTING UNISTRUTS, AND PORT GUSSETS SHALL BE PROVIDED. PORTS SHALL BE SCH-80, TYPE SLIP COUPLING, THREADED FEMALE ADAPTER, OR FLANGE COUPLING.

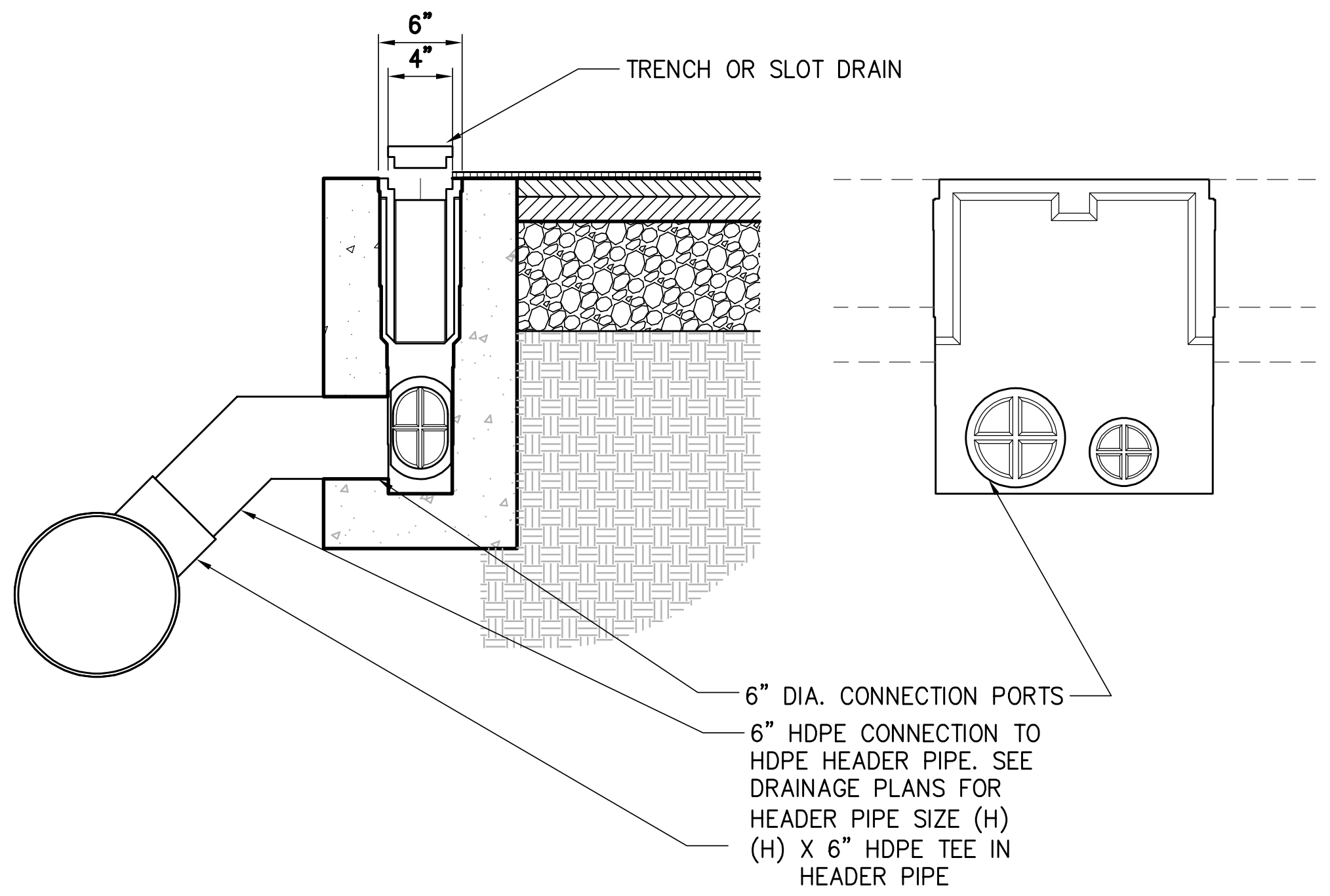
GRATE: ONE (1) FLAT 24-IN X 24-IN GRATES FORMED OF UV-STABILIZED MOLDED PVC, CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2019, AND USPC. THE TOP SURFACE OF THE GRATE HAS A TEXTURED DESIGN THAT MEETS IBC FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.20-IN (5MM) WIDE AND 1-IN (25.4MM) AVG. DEPTH FOR LOAD STRENGTH REQUIREMENTS. SPACE BETWEEN GRATE BARS DOES NOT EXCEED 0.39-IN (10MM). GRATE PROVIDES A MINIMUM 62% OPEN AREA FOR UNRESTRICTED WATER FLOW. THE MANUFACTURE DATE AND MARKING REQUIRED BY STANDARDS IS MOLDED INTO EACH GRATE.

INSTALLATION: FOLLOW DALDORADO SUPPLIED INSTALLATION INSTRUCTIONS AND WARNINGS. GRATE MUST BE INSTALLED WITHIN SUMP USING ONLY THE 316 SS 1-4"-20x1.25" MACHINE SCREWS (TESTED TO APSP/ANSI/ICC-16 2017) AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

DalMAX-SG-242430 OPTIONS	
TOTAL GPM	616
PORT CONFIGURATIONS	ANY PER NOTES ABOVE
PIPE SCHEDULE-PVC	80
MAX PORT SIZE, SIDE	12-IN
MAX PORT SIZE, BOTTOM	24-IN
GRATE COLOR	WHITE

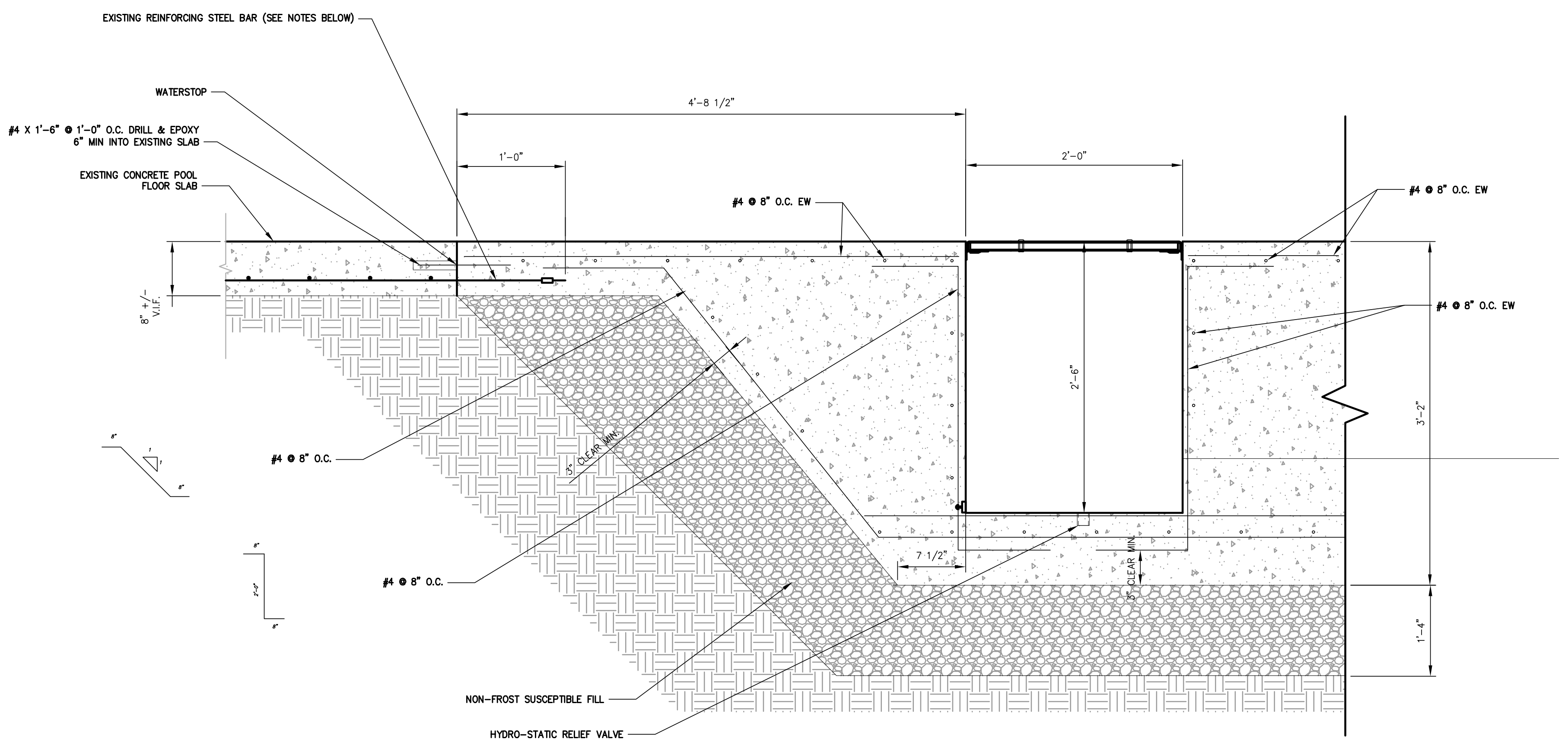
2 MAIN DRAIN DETAIL

SCALE: N.T.S.


6"
4"
TRENCH OR SLOT DRAIN
6" DIA. CONNECTION PORTS
6" HDPE CONNECTION TO HDPE HEADER PIPE. SEE DRAINAGE PLANS FOR HEADER PIPE SIZE (H)
(H) X 6" HDPE TEE IN HEADER PIPE

3 ACO DECK DRAIN DETAIL

SCALE: N.T.S.

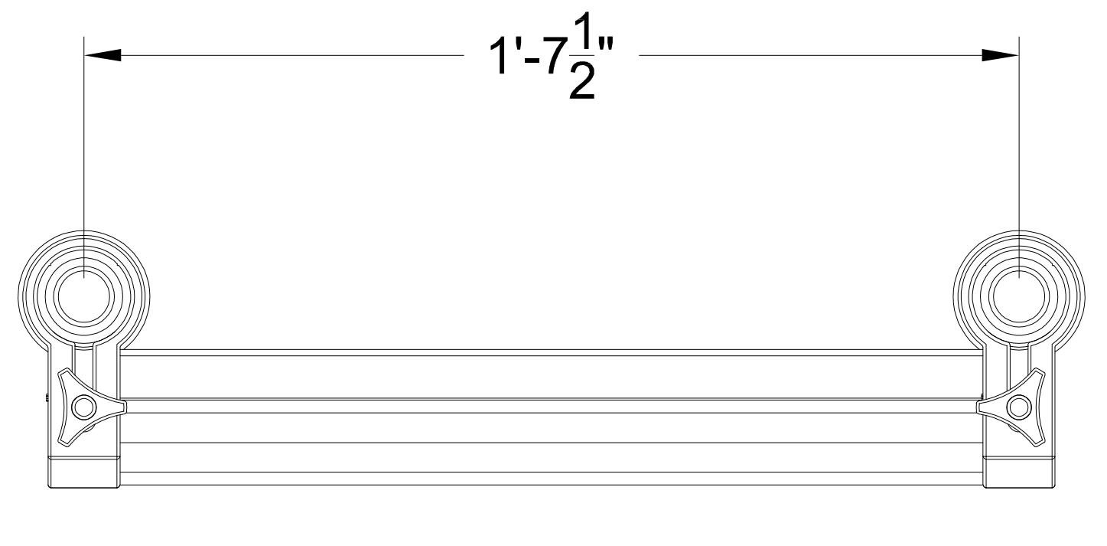

EXISTING REINFORCING STEEL BAR (SEE NOTES BELOW)
WATERSTOP
#4 X 1'-6" @ 1'-0" O.C. DRILL & EPOXY 6" MIN INTO EXISTING SLAB
EXISTING CONCRETE POOL FLOOR SLAB
4'-8 1/2"
1'-0"
2'-0"
#4 @ 8" O.C. EW
#4 @ 8" O.C. EW
#4 @ 8" O.C. EW
8" +/- V.I.F.
2'-6"
3'-2"
#4 @ 8" O.C.
3" CLEAR MIN.
#4 @ 8" O.C.
7 1/2"
3" CLEAR MIN.
1'-4"
NON-FROST SUSCEPTIBLE FILL
HYDRO-STATIC RELIEF VALVE
8"
8"
2'-0"
8"
8"

NOTES:

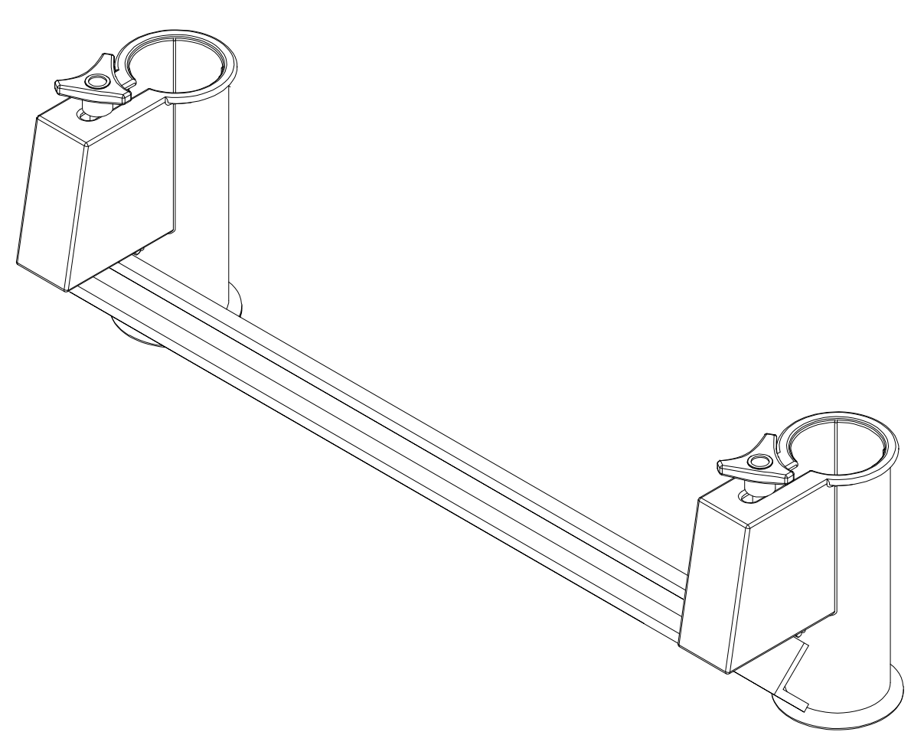
1. EXISTING REINFORCING STEEL IN POOL FLOOR SHALL REMAIN WITH 12" EXTENSION BEYOND THE FLOOR DEMOLITION CUT. CONTRACTOR SHALL USE THE EXISTING STEEL REBAR FOR ELECTRICAL BONDING (BOND AT 2 PLACES MINIMUM FOR EACH MAIN DRAIN). ELECTRICALLY BOND PER NEC 680.
2. CONTRACTOR SHALL PROVIDE TESTING FOR CONDUCTIVITY OF THE EXISTING BOND LOOP AND SHALL SHARE RESULTS WITH ENGINEER & OWNER.

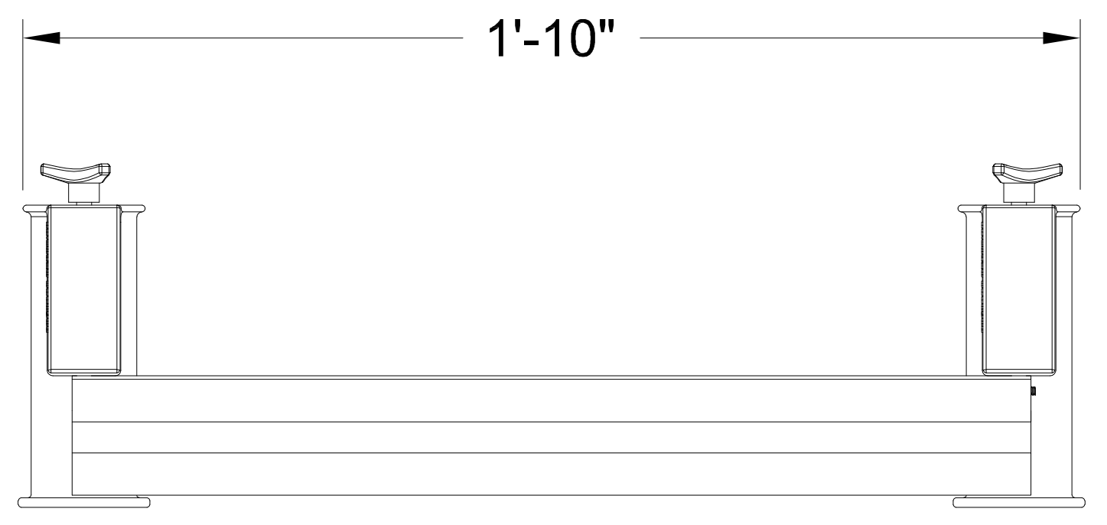
4 MAIN DRAIN STRUCTURAL DETAIL

SCALE: N.T.S.

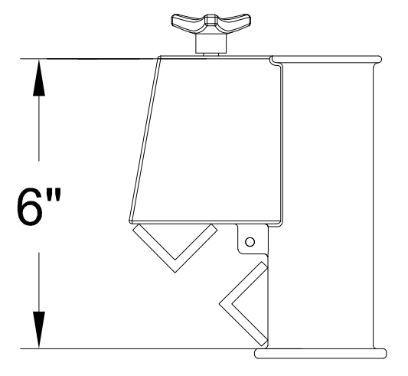


PLAN VIEW

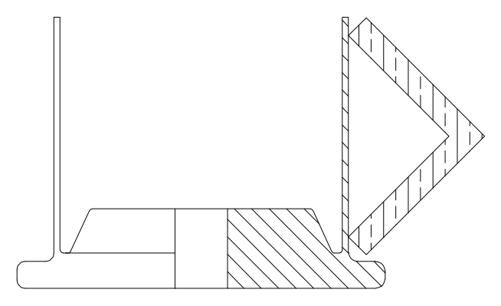




FRONT VIEW



SIDE VIEW

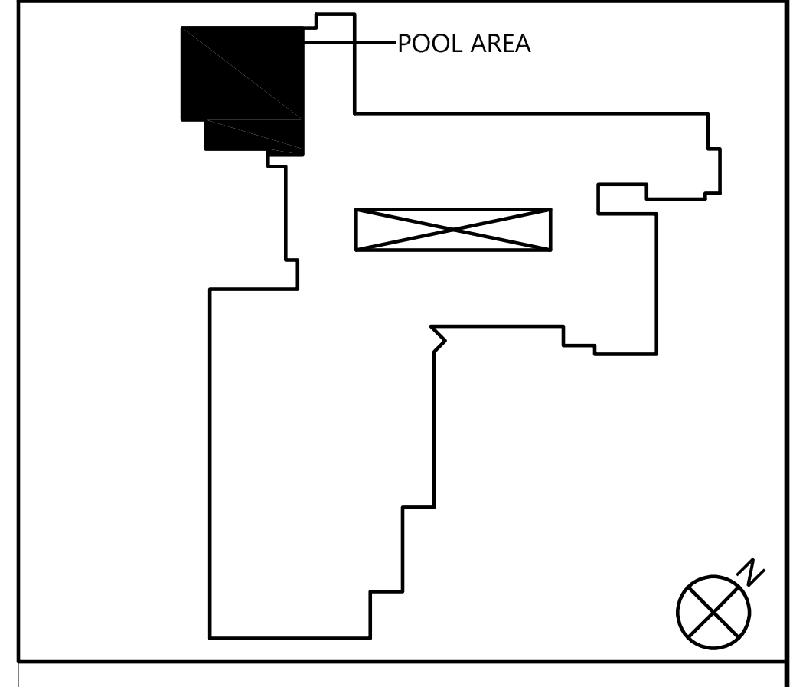


SECTION A-A

6 STARTING BLOCK ANCHOR DETAIL

SCALE: N.T.S.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

DAVID J. SAVAGE
072682

#	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	8/7/26

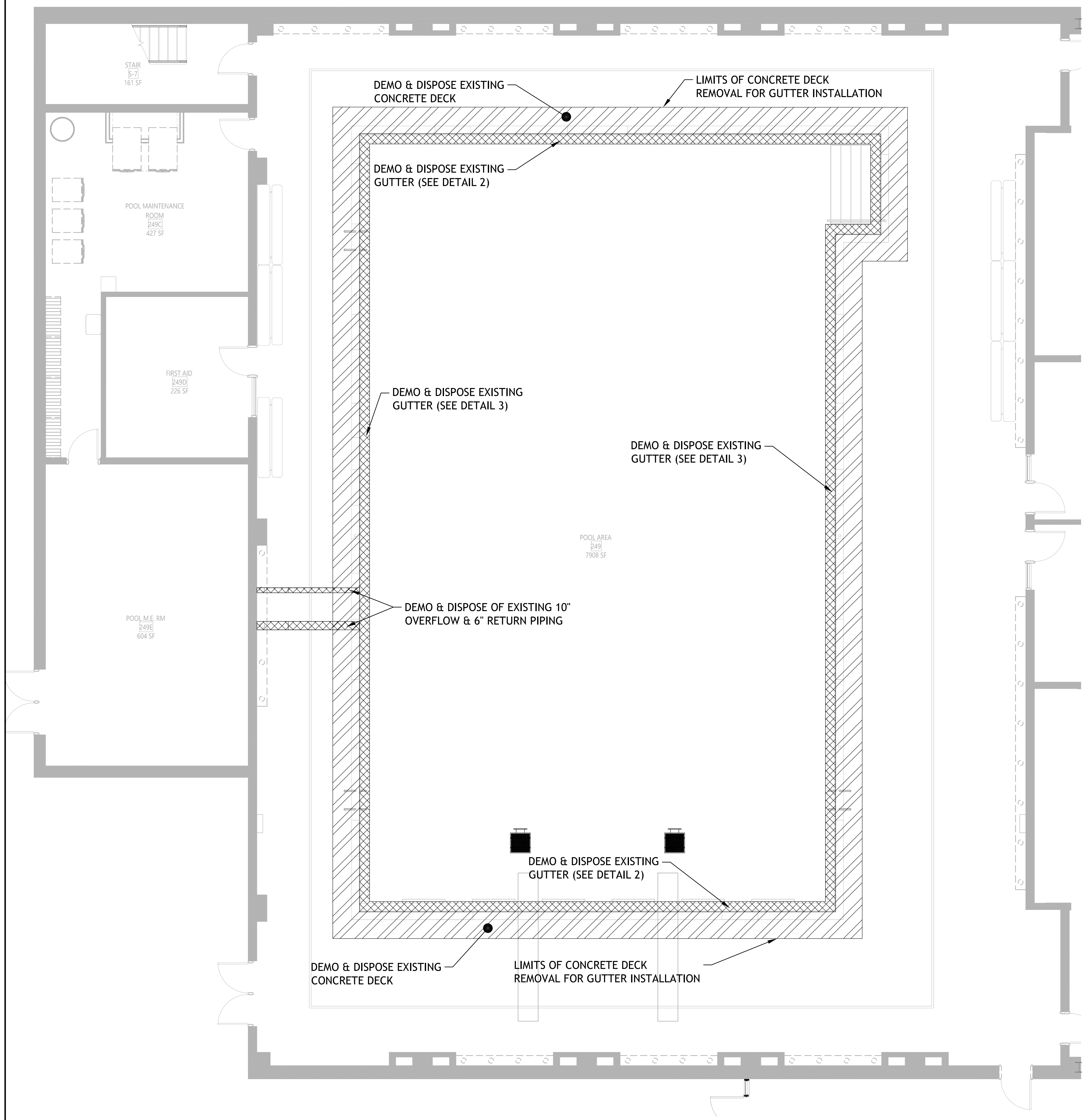
Sheet Title

AQUATICS
DETAILS

Sheet No.

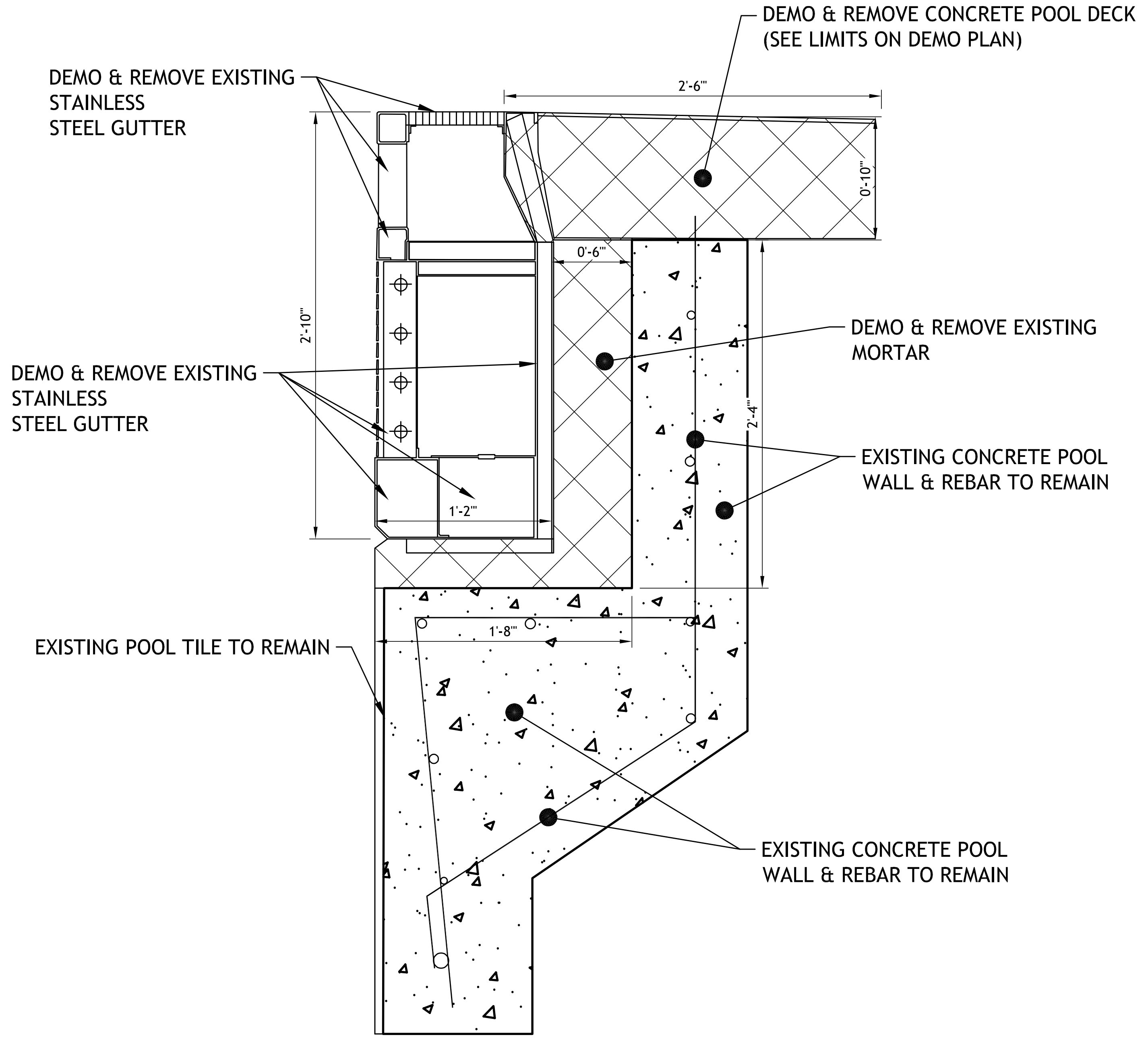
WHS
SP-200

CONSTRUCTION DOCUMENTS


STAIR
S-7
161 SF
POOL MAINTENANCE ROOM
249C
427 SF
FIRST AID
249D
226 SF
POOL M.E. RM
249E
604 SF
POOL AREA
249
7908 SF
DEMO & DISPOSE EXISTING CONCRETE DECK
LIMITS OF CONCRETE DECK REMOVAL FOR GUTTER INSTALLATION
DEMO & DISPOSE EXISTING GUTTER (SEE DETAIL 2)
DEMO & DISPOSE EXISTING GUTTER (SEE DETAIL 3)
DEMO & DISPOSE EXISTING GUTTER (SEE DETAIL 3)
DEMO & DISPOSE OF EXISTING 10" OVERFLOW & 6" RETURN PIPING
DEMO & DISPOSE EXISTING GUTTER (SEE DETAIL 2)
DEMO & DISPOSE EXISTING CONCRETE DECK
LIMITS OF CONCRETE DECK REMOVAL FOR GUTTER INSTALLATION

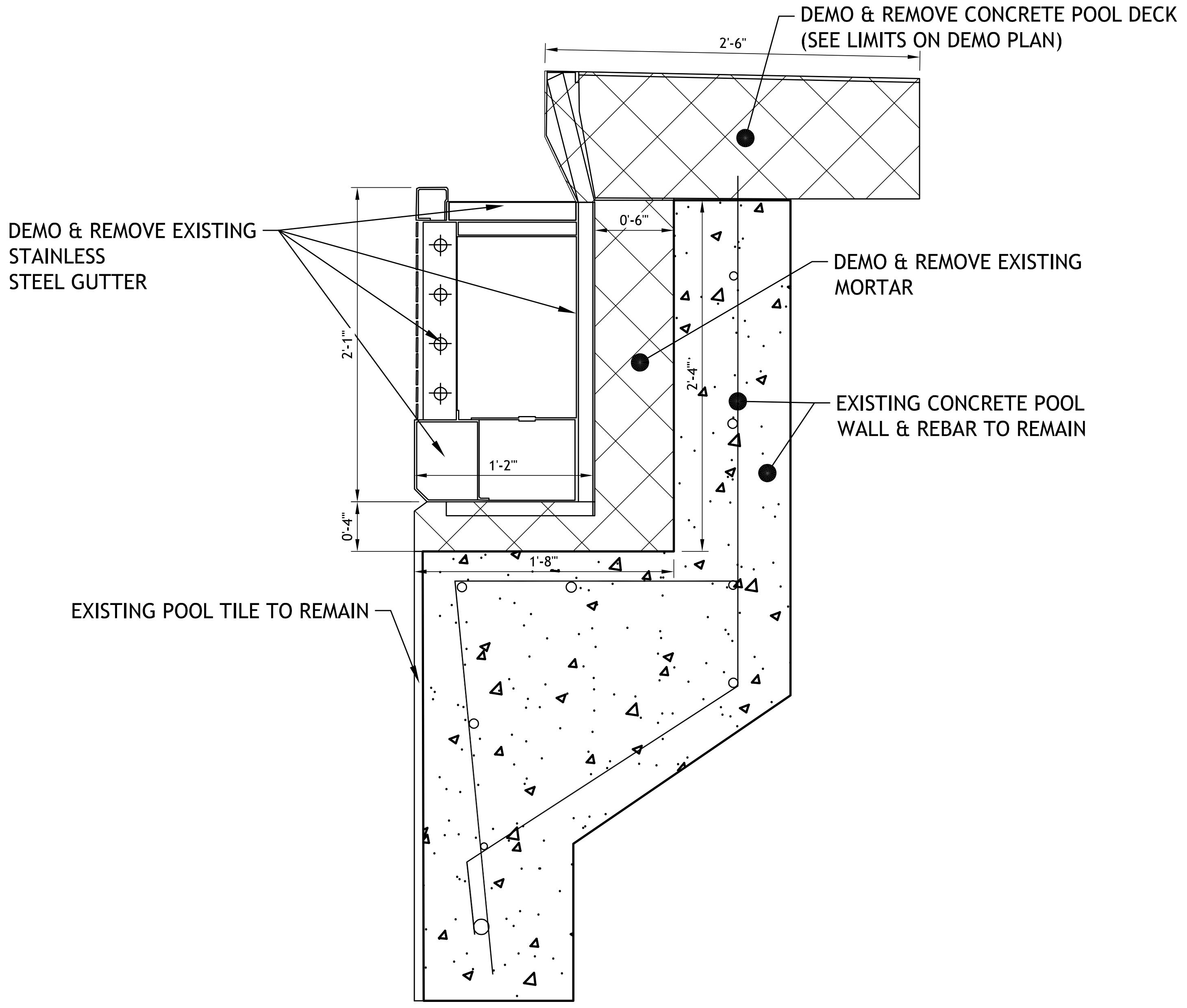
1 POOL GUTTER DEMO PLAN

SCALE: 3/16" = 1'


DEMO & REMOVE CONCRETE POOL DECK (SEE LIMITS ON DEMO PLAN)
DEMO & REMOVE EXISTING STAINLESS STEEL GUTTER
DEMO & REMOVE EXISTING STAINLESS STEEL GUTTER
DEMO & REMOVE EXISTING MORTAR
EXISTING CONCRETE POOL WALL & REBAR TO REMAIN
EXISTING POOL TILE TO REMAIN
EXISTING CONCRETE POOL WALL & REBAR TO REMAIN
2'-6"
0'-10"
0'-6"
2'-10"
2'-4"
1'-2"
1'-8"

2 POOL GUTTER DEMO PLAN (COMP WALL)

SCALE: N.T.S


DEMO & REMOVE CONCRETE POOL DECK (SEE LIMITS ON DEMO PLAN)
DEMO & REMOVE EXISTING STAINLESS STEEL GUTTER
DEMO & REMOVE EXISTING MORTAR
EXISTING CONCRETE POOL WALL & REBAR TO REMAIN
EXISTING POOL TILE TO REMAIN
2'-6"
0'-6"
2'-1"
2'-4"
1'-2"
0'-4"
1'-8"

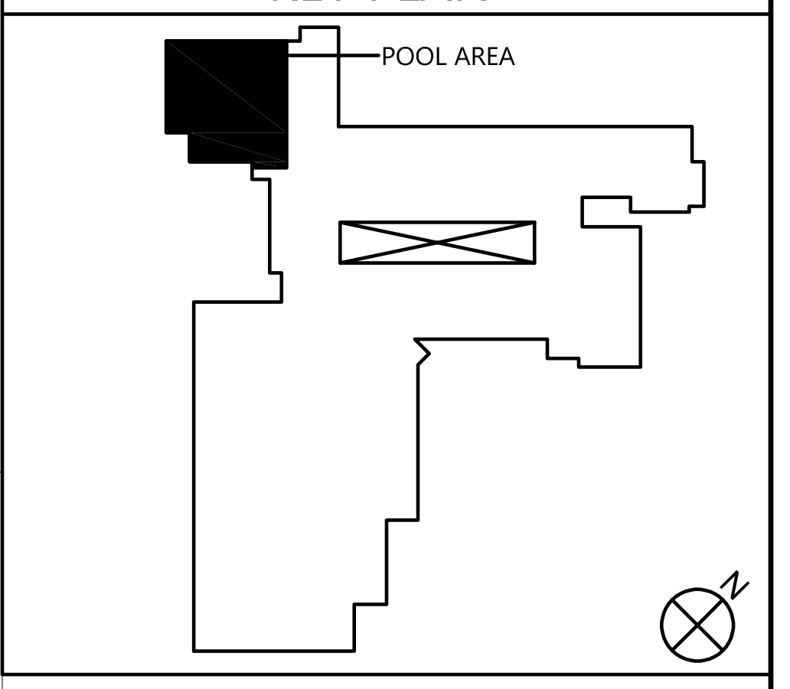
3 POOL GUTTER DEMO PLAN (SIDE WALL)

SCALE: N.T.S

NOTES:

1. ALL DEMOLITION WORK ASSOCIATED WITH THE AQUATICS WORK SHALL BE SHOWN ON THE ARCH PLANS
2. LOCATION OF DEPTH MARKERS, BACKSTROKE ANCHORS, AND LADDERS SHALL BE SHOWN ON THE ARCH PLANS.
3. CONTRACTOR TO VERIFY CONDITION OF EXISTING DRAIN PIPE & PROVIDE INFORMATION TO THE ENGINEER. IF THE EXSITING PIPE IS DEEMED UNSUITABLE, THEN THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMO WORK TO INSTALL A NEW 4" DRAIN PIPE AS SHOWN ON THE PLAN (SP-100). THE 4 " DRAIN PIPE SHALL HAVE POSITIVE PITCH FROM THE RIGHT SIDE OF THE POOL CATCH BASIN CONNECTION TO THE CONNECTION INSIDE THE FILTER ROOM.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

DAVID J. SAVAGE
072682
LICENSED PROFESSIONAL ENGINEER

#	DATE	DESCRIPTION

Drawn By: CSA
Checked By: CSA
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 8/7/26

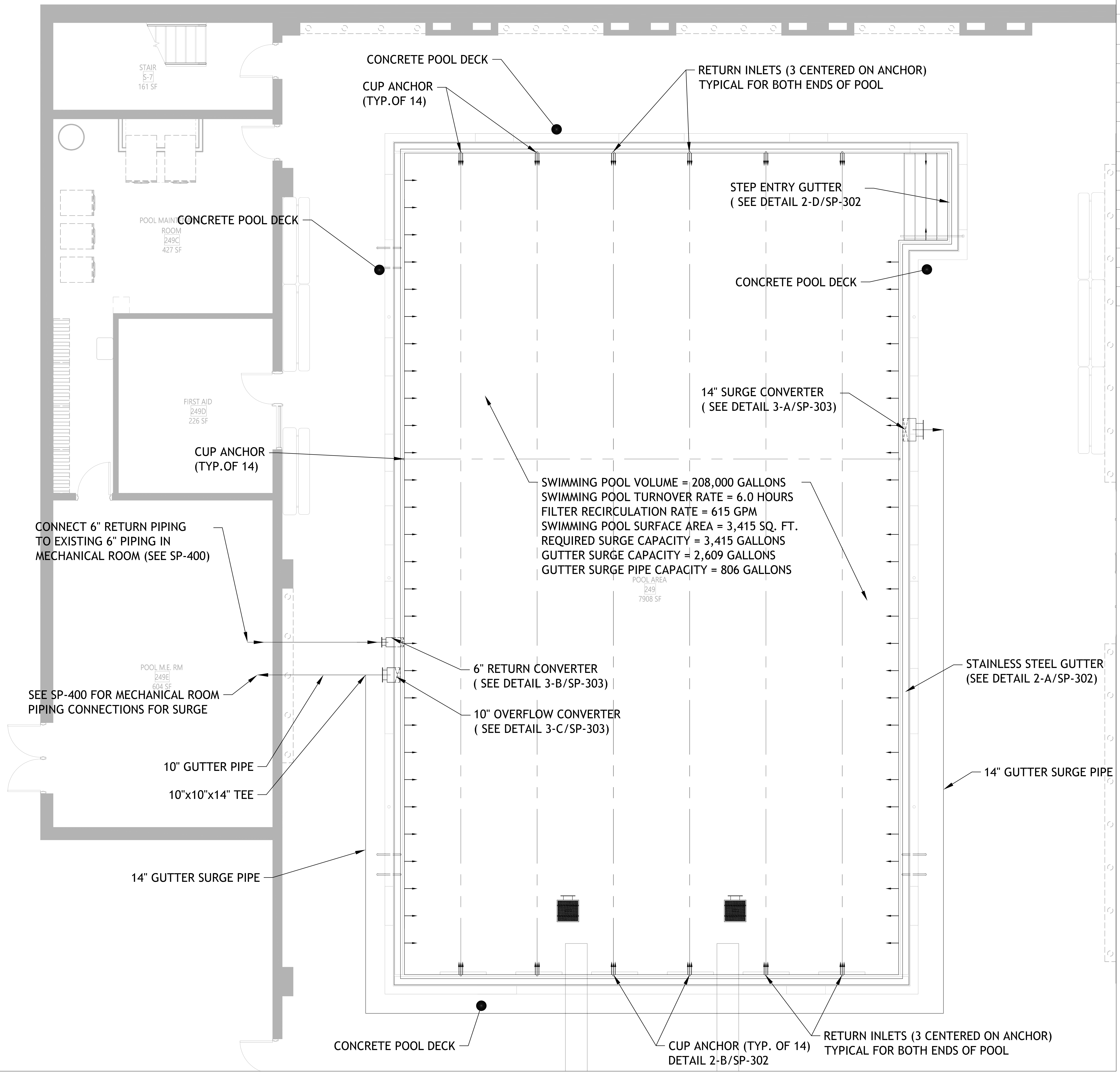
Sheet Title

AQUATICS GUTTER DEMO PLAN

Sheet No.

WHS SP-300

CONSTRUCTION DOCUMENTS



SWIMMING POOL VOLUME = 208,000 GALLONS
SWIMMING POOL TURNOVER RATE = 6.0 HOURS
FILTER RECIRCULATION RATE = 615 GPM
SWIMMING POOL SURFACE AREA = 3,415 SQ. FT.
REQUIRED SURGE CAPACITY = 3,415 GALLONS
GUTTER SURGE CAPACITY = 2,609 GALLONS
GUTTER SURGE PIPE CAPACITY = 806 GALLONS

1 GUTTER LAYOUT PLAN
SCALE: 1/4" = 1'-0"

GUTTER MATERIAL:	316L STAINLESS STEEL
GRATING COLOR:	GRAY OR WHITE HDPE
GUTTER ANCHORS:	5/8" REBAR DOWEL

PART DESCRIPTION	QTY
CUP ANCHOR	14
PERIMETER OVERFLOW CONVERTER	1 (10")
RETURN CONVERTER	1 (6")
SURGE CONVERTER	1 (14")

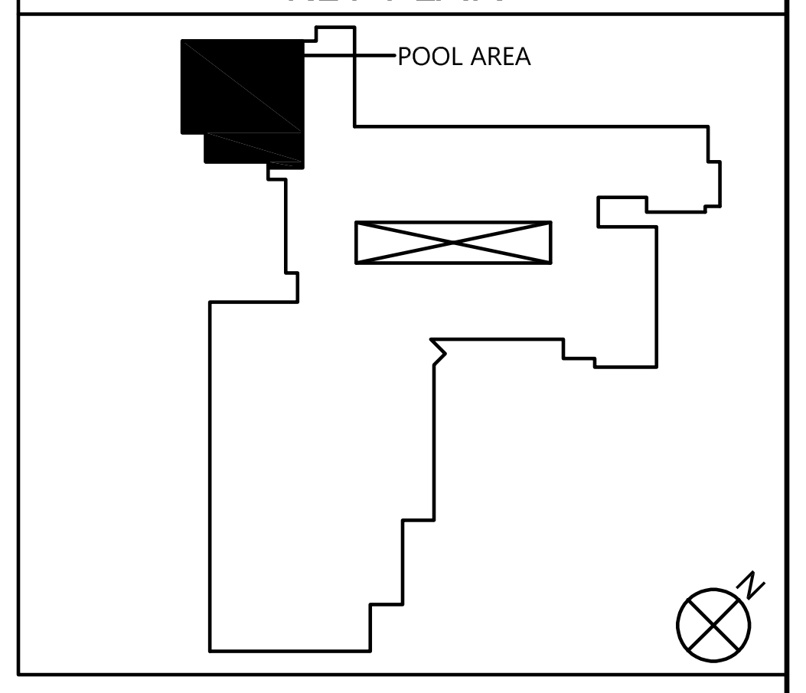
DATA CHART

RECIRCULATION RATE:	615 GPM
GUTTER SYSTEM FLOW CAP.:	6009.34 GPM
FLOW CHANNEL SURGE CAP.:	2609.17 GALLONS
GUTTER PERIMETER:	250'-5 5/8"
INLET QUANTITY:	93 INLETS
NOZZLE SIZE (DIAMETER):	.375"
FLOW RATE PER NOZZLE:	6.61 GPM
NOZZLE VELOCITY:	19.21 FT/SEC

STAINLESS STEEL GUTTER NOTES:

1. BONDING: GUTTER SYSTEM MUST BE BONDED IN ACCORDANCE WITH THE LATEST EDITION OF NEC ARTICLE 680 AND ALL APPLICABLE STATE AND LOCAL CODES.
2. THE GUTTER SHALL BE INSTALLED WITHIN A TOLERANCE OF PLUS OR MINUS ⅛". PIPING CONNECTIONS SHALL BE PROVIDED TO PERMIT WATER TO FLOW FROM OVERFLOWS TO THE RECIRCULATION SYSTEM.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

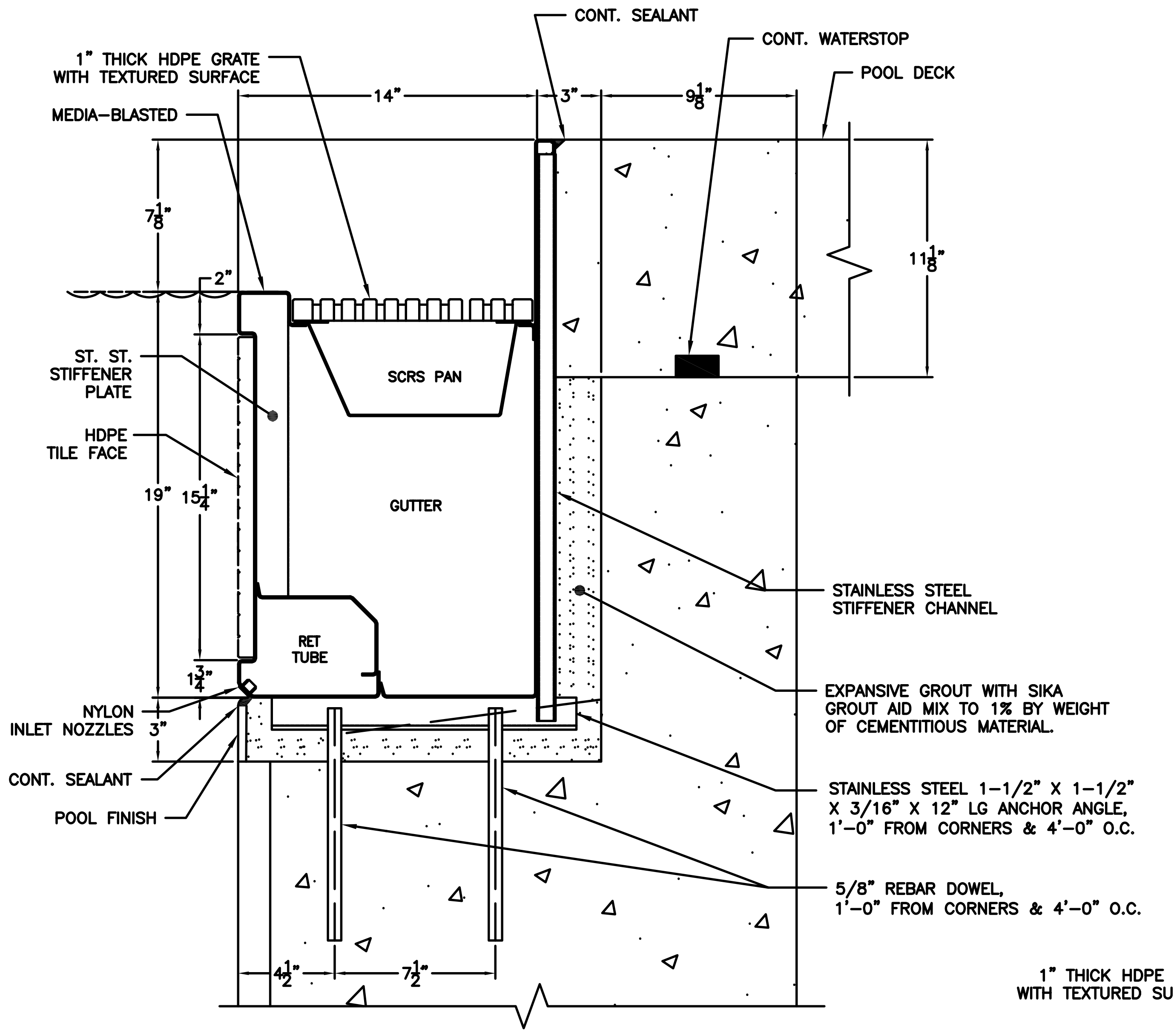
STATE OF NEW YORK
072682
LICENSED PROFESSIONAL ENGINEER

#	DATE	DESCRIPTION

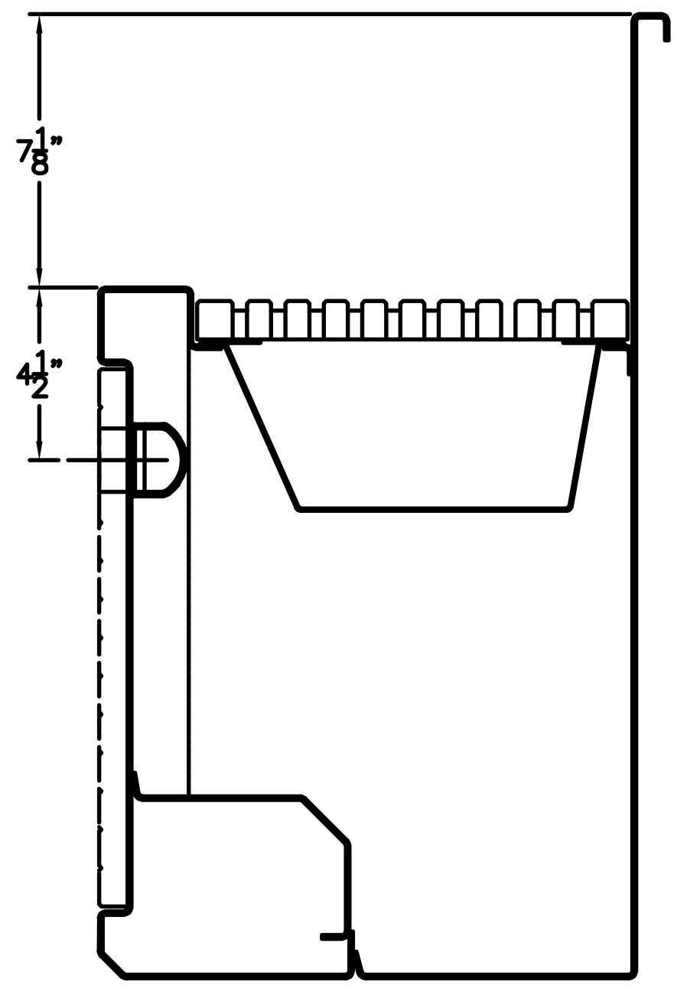
Drawn By: CSA
Checked By: CSA
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 8/7/26

Sheet Title
AQUATICS GUTTER LAYOUT PLAN

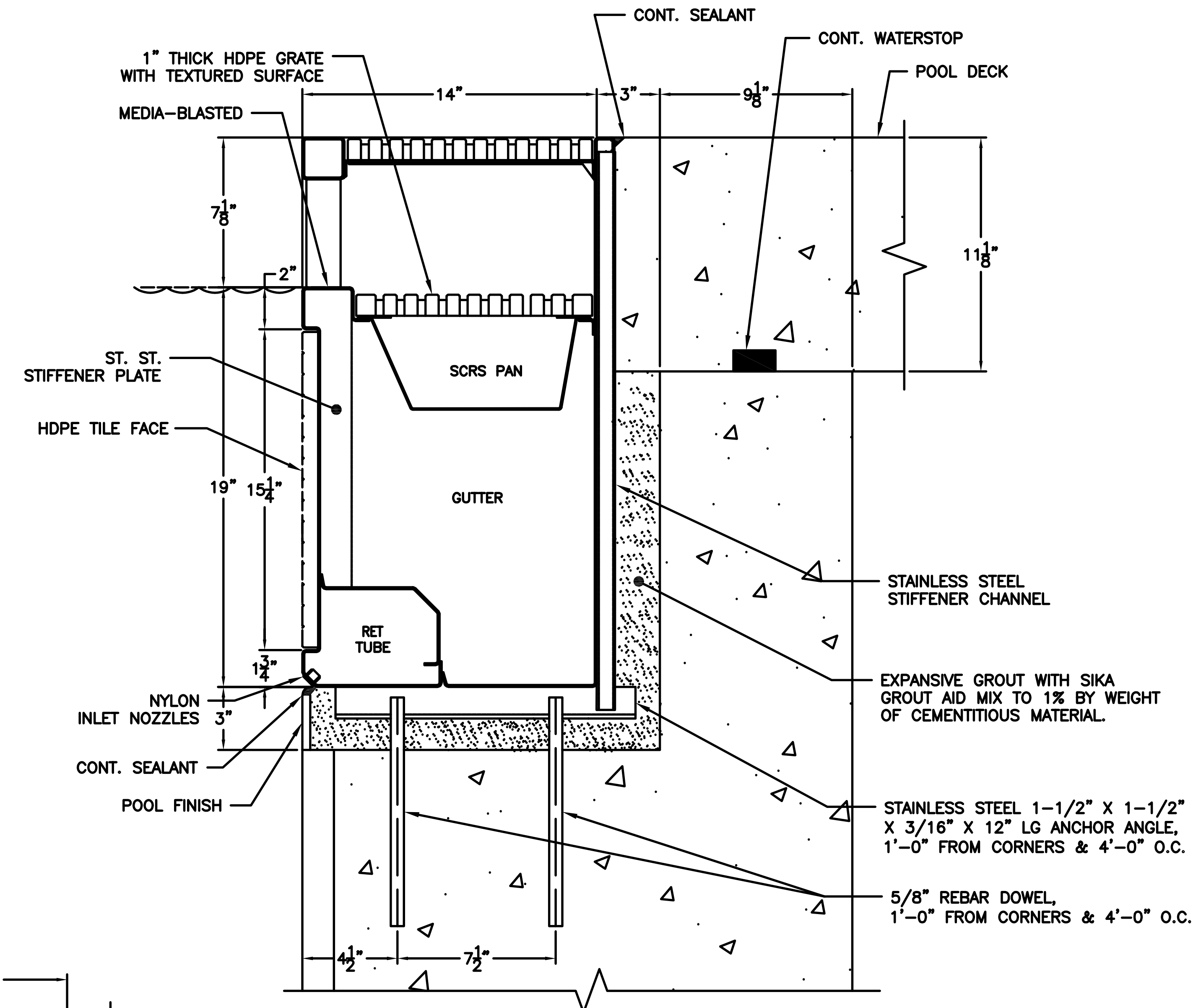
Sheet No.
WHS
SP-301
CONSTRUCTION DOCUMENTS


CONT. SEALANT
CONT. WATERSTOP
1" THICK HDPE GRATE WITH TEXTURED SURFACE
POOL DECK
MEDIA-BLASTED
14"
3"
9 1/8"
7 1/8"
11 1/8"
2"
ST. ST. STIFFENER PLATE
SCRS PAN
HDPE TILE FACE
GUTTER
19"
15 1/4"
STAINLESS STEEL STIFFENER CHANNEL
RET TUBE
EXPANSIVE GROUT WITH SIKA GROUT AID MIX TO 1% BY WEIGHT OF CEMENTITIOUS MATERIAL.
1 3/4"
NYLON INLET NOZZLES
3"
CONT. SEALANT
STAINLESS STEEL 1-1/2" X 1-1/2" X 3/16" X 12" LG ANCHOR ANGLE, 1'-0" FROM CORNERS & 4'-0" O.C.
POOL FINISH
5/8" REBAR DOWEL, 1'-0" FROM CORNERS & 4'-0" O.C.
4 1/2"
7 1/2"

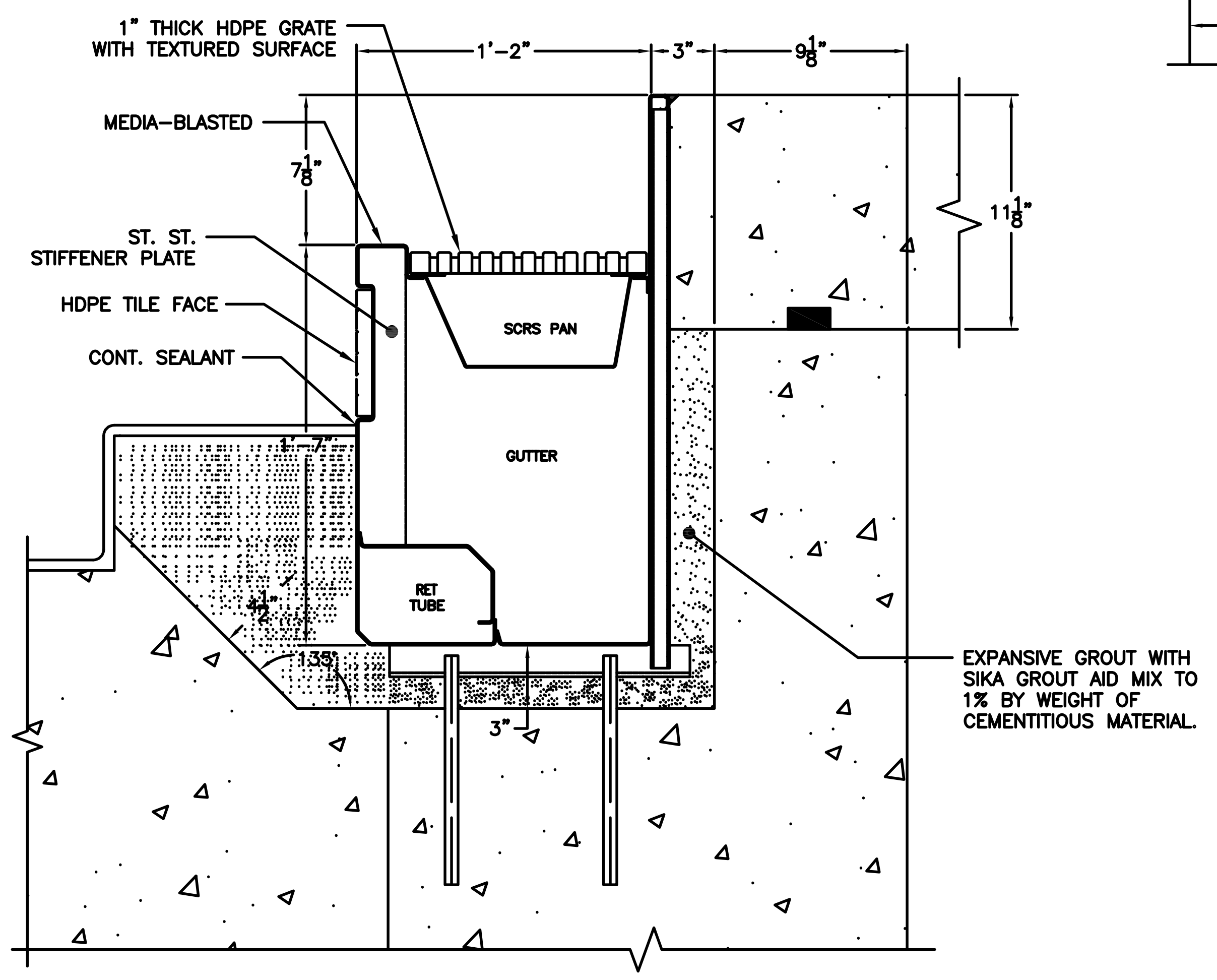
DETAIL 2–A
GUTTER



DETAIL 2–B
CUP ANCHOR
SCALE: 3" = 1'-0"

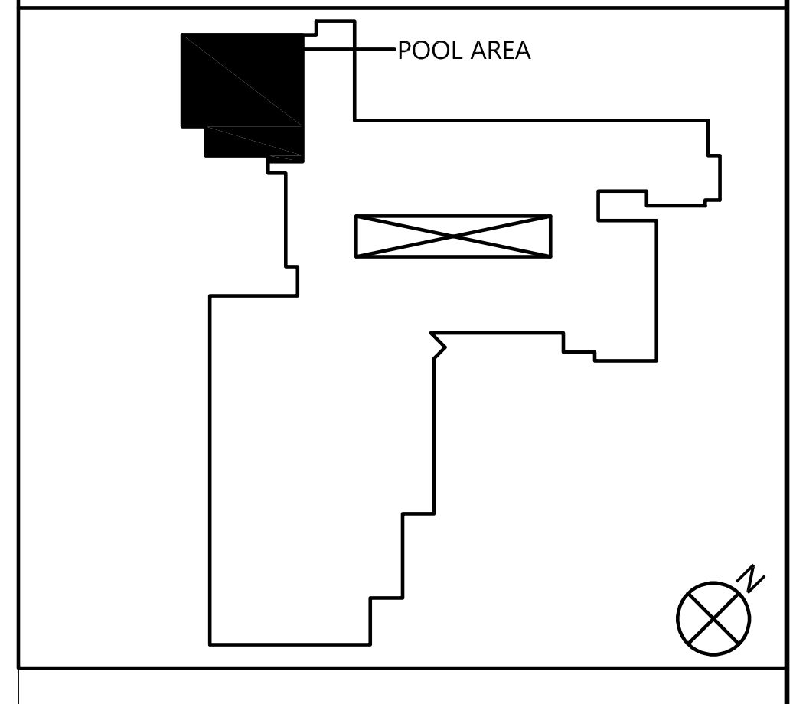

CONT. SEALANT
CONT. WATERSTOP
1" THICK HDPE GRATE WITH TEXTURED SURFACE
POOL DECK
MEDIA-BLASTED
14"
3"
9 1/8"
7 1/8"
11 1/8"
2"
ST. ST. STIFFENER PLATE
SCRS PAN
HDPE TILE FACE
GUTTER
19"
15 1/4"
STAINLESS STEEL STIFFENER CHANNEL
RET TUBE
EXPANSIVE GROUT WITH SIKA GROUT AID MIX TO 1% BY WEIGHT OF CEMENTITIOUS MATERIAL.
1 3/4"
NYLON INLET NOZZLES
3"
CONT. SEALANT
STAINLESS STEEL 1-1/2" X 1-1/2" X 3/16" X 12" LG ANCHOR ANGLE, 1'-0" FROM CORNERS & 4'-0" O.C.
POOL FINISH
5/8" REBAR DOWEL, 1'-0" FROM CORNERS & 4'-0" O.C.
4 1/2"
7 1/2"

DETAIL 2–C
GUTTER W/ BARTLETT WALL



DETAIL 2–D
STEP–ENTRY GUTTER

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

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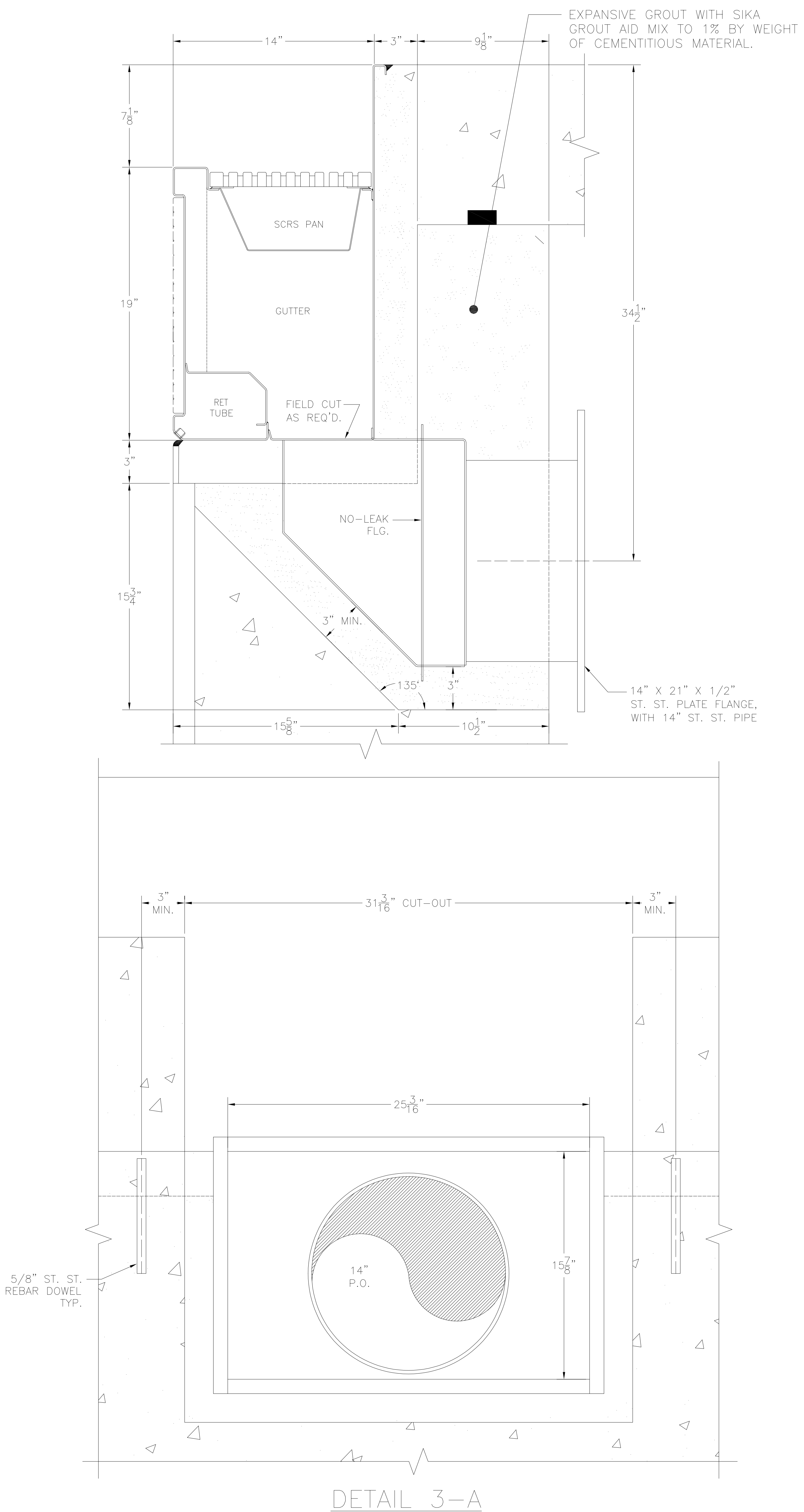
Sheet Title
AQUATICS
GUTTER DETAILS

Sheet No.
WHS
SP-302

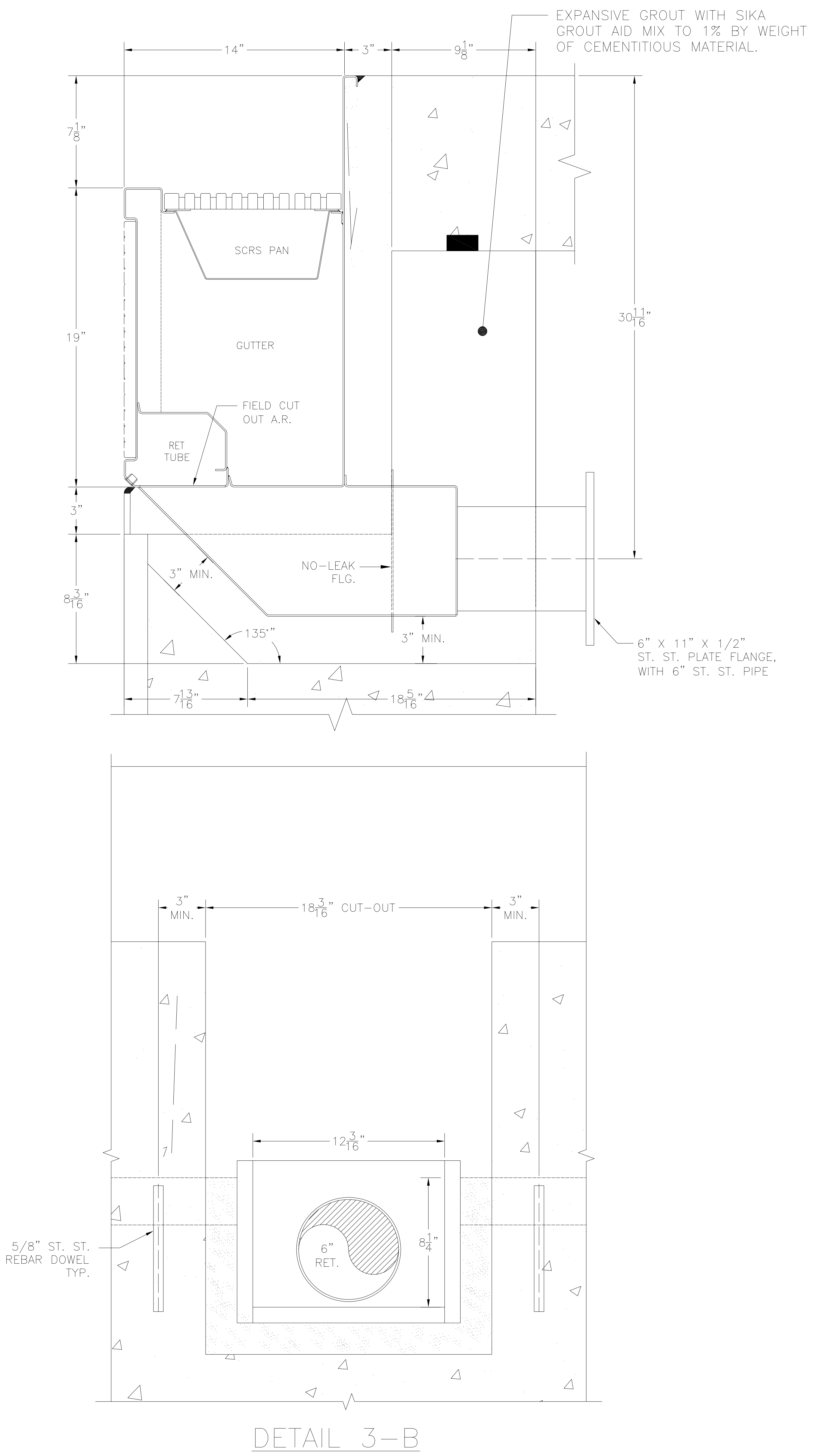
CONSTRUCTION DOCUMENTS

CONVERTER BOX NOTES:

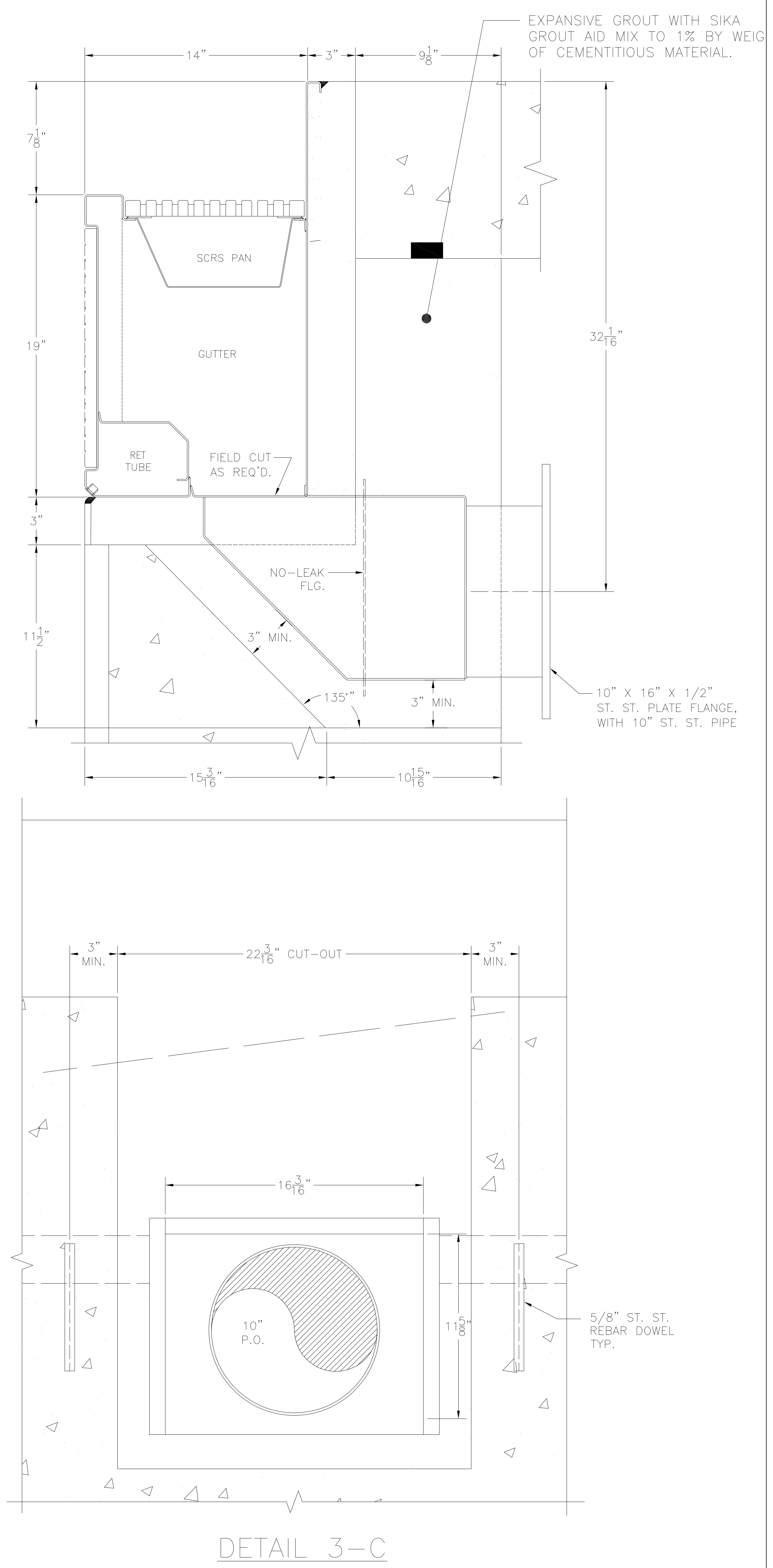
1. INSTALLATION SHALL INCLUDE A PIPE COUPLING AND HAVE A FLANGED CONNECTION WITH STAINLESS STEEL ANCHOR BOLTS.
2. ONCE INSTALLATION IS COMPLETED THE PIPE SHALL BE PRESSURE TESTED TO 30 PSI FOR 4 HOURS.


EXPANSIVE GROUT WITH SIKA GROUT AID MIX TO 1% BY WEIGHT OF CEMENTITIOUS MATERIAL.
14"
3"
9 1/8"
7 1/8"
19"
3"
15 3/4"
34 1/2"
SCRS PAN
GUTTER
RET TUBE
FIELD CUT AS REQ'D.
NO-LEAK FLG.
3" MIN.
135°
3"
15 5/8"
10 1/2"
14" X 21" X 1/2" ST. ST. PLATE FLANGE, WITH 14" ST. ST. PIPE
3" MIN.
31 3/16" CUT-OUT
3" MIN.
25 3/16"
15 7/8"
14" P.O.
5/8" ST. ST. REBAR DOWEL TYP.

DETAIL 3-A
SURGE CONVERTER

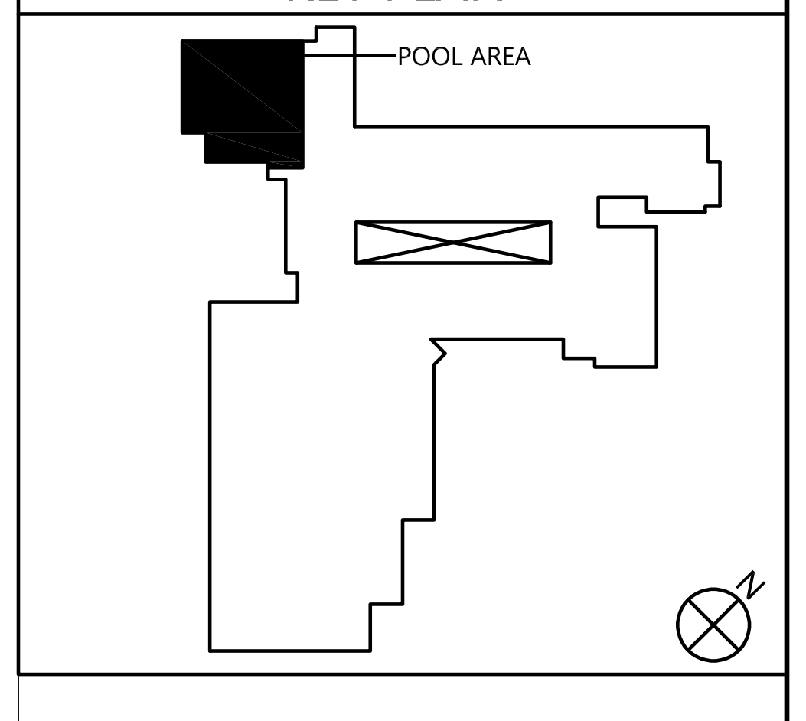


DETAIL 3-B
RETURN CONVERTER



DETAIL 3-C
PERIMETER OVERFLOW CONVERTER

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

#	DATE	DESCRIPTION

Drawn By: CSA
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Proj. #: 44-01-02-06-0-007-033
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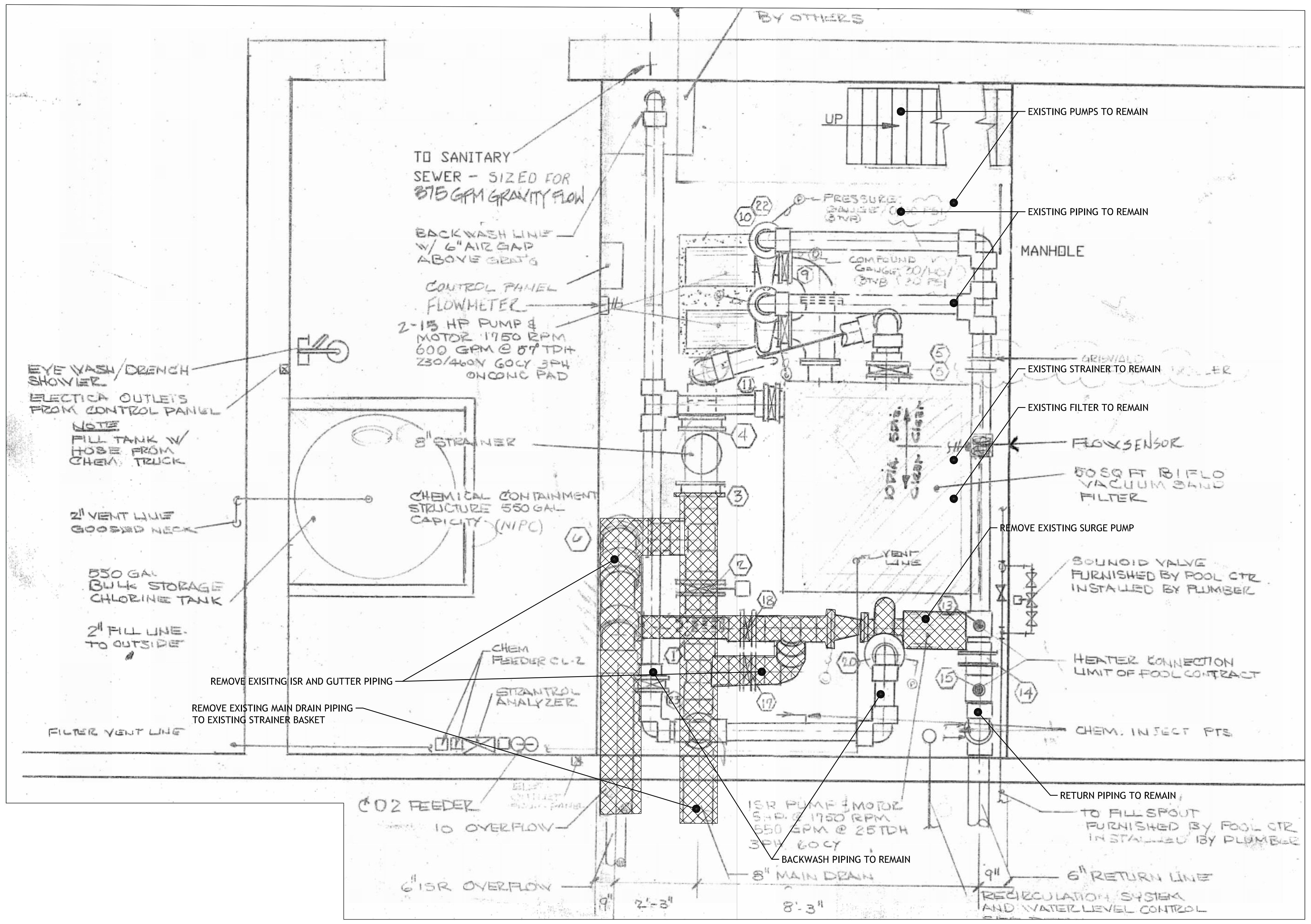
Sheet Title

AQUATICS
GUTTER DETAILS

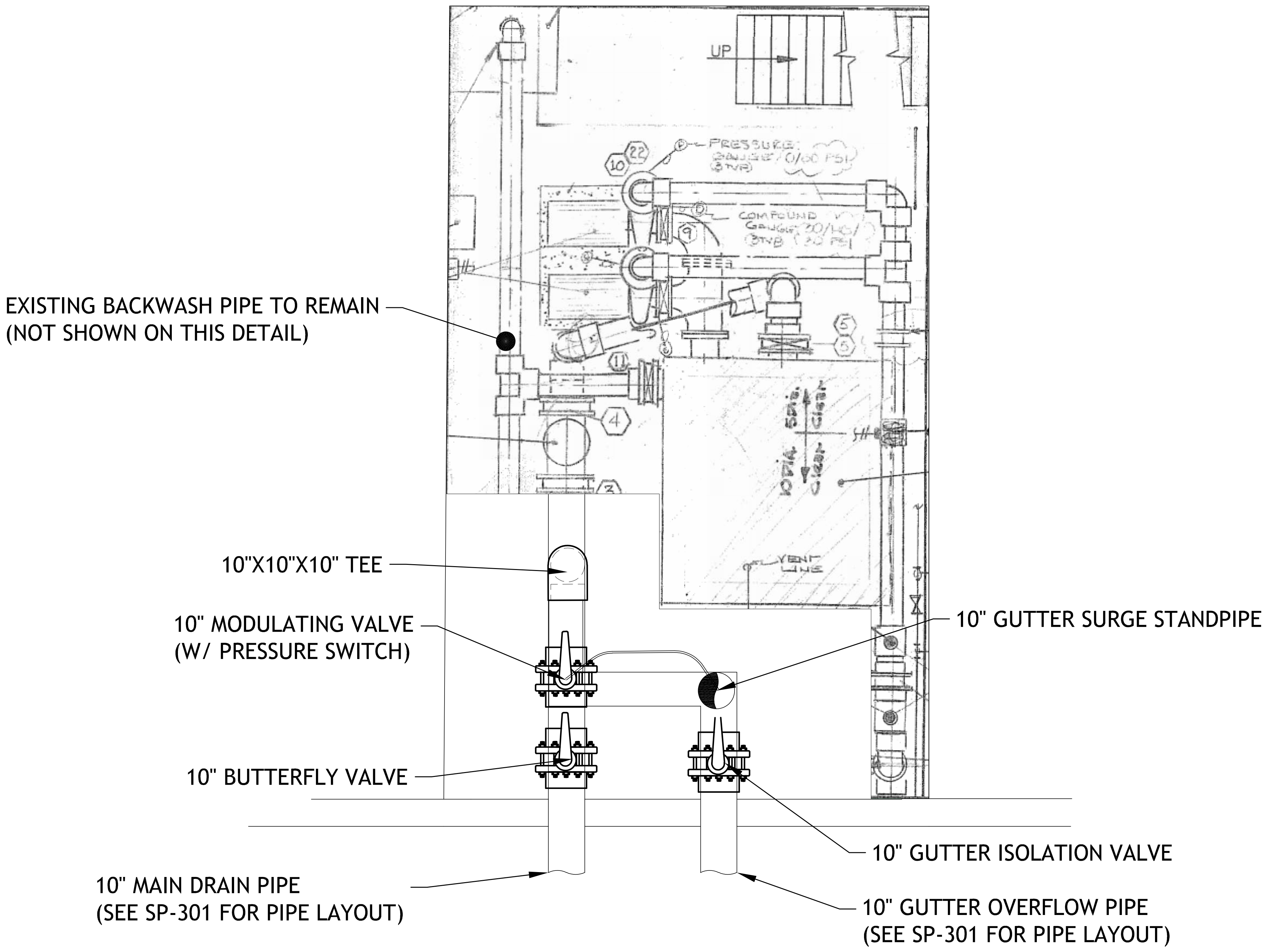
Sheet No.

WHS
SP-303

CONSTRUCTION DOCUMENTS

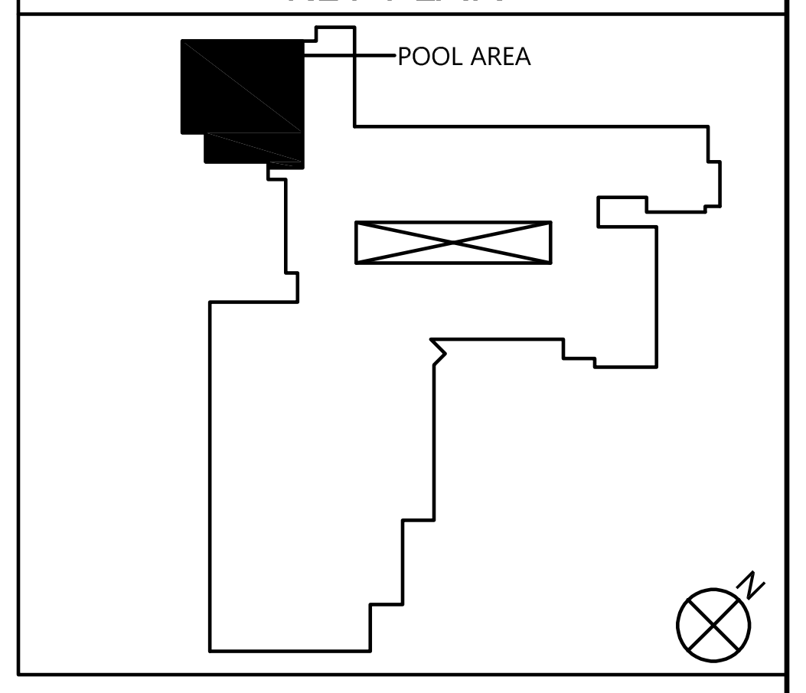

BY OTHERS
TO SANITARY SEWER - SIZED FOR 375 GPM GRAVITY FLOW
BACKWASH LINE W/ 6" AIR GAP ABOVE GRAT'G
CONTROL PANEL
FLOWMETER
2-15 HP PUMP & MOTOR 1750 RPM 600 GPM @ 57' TDH 230/460V 60CY 3PH ON CONC PAD
EYE WASH/DRENCH SHOWER
ELECTICA OUTLETS FROM CONTROL PANEL
NOTE FILL TANK W/ HOSE FROM CHEM. TRUCK
8" STRAINER
CHEMICAL CONTAINMENT STRUCTURE 550 GAL CAPICITY (NIPC)
2" VENT LINE GOOSED NECK
550 GAL BULK STORAGE CHLORINE TANK
2" FILL LINE TO OUTSIDE
CHEM FEEDER CL-2
STRANTROL ANALYZER
FILTER VENT LINE
CO2 FEEDER
10 OVERFLOW
6" ISR OVERFLOW
9"
2'-3"
8'-3"
8" MAIN DRAIN
ISR PUMP & MOTOR 5HP @ 1750 RPM 550 GPM @ 25TDH 3PH 60CY
UP
PRESSURE GAUGE (3TYP)
COMPOUND GAUGE 30/HG/ (3TYP)
MANHOLE
GRISWALD
FLOWSENSOR
50 SQ FT BIFLO VACUUM SAND FILTER
VENT LINE
SOLENOID VALVE FURNISHED BY POOL CTR INSTALLED BY PLUMBER
HEATER CONNECTION LIMIT OF POOL CONTRACT
CHEM. INJECT PTS
TO FILLSPOUT FURNISHED BY POOL CTR INSTALLED BY PLUMBER
9"
6" RETURN LINE
RECIRCULATION SYSTEM AND WATER LEVEL CONTROL
EXISTING PUMPS TO REMAIN
EXISTING PIPING TO REMAIN
EXISTING STRAINER TO REMAIN
EXISTING FILTER TO REMAIN
REMOVE EXISTING SURGE PUMP
REMOVE EXISITNG ISR AND GUTTER PIPING
REMOVE EXISTING MAIN DRAIN PIPING TO EXISTING STRAINER BASKET
RETURN PIPING TO REMAIN
BACKWASH PIPING TO REMAIN
1
3
4
5
9
10
11
12
13
14
15
17
18
20
22

1 MECHANICAL ROOM DEMO PLAN
SCALE: 1/4" = 1'-0"


UP
EXISTING BACKWASH PIPE TO REMAIN (NOT SHOWN ON THIS DETAIL)
10"X10"X10" TEE
10" MODULATING VALVE (W/ PRESSURE SWITCH)
10" BUTTERFLY VALVE
10" MAIN DRAIN PIPE (SEE SP-301 FOR PIPE LAYOUT)
10" GUTTER SURGE STANDPIPE
10" GUTTER ISOLATION VALVE
10" GUTTER OVERFLOW PIPE (SEE SP-301 FOR PIPE LAYOUT)

2 MECHANICAL ROOM LAYOUT PLAN
SCALE: 1/4" = 1'-0"

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

DAVID J. SAVAGE
072682

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Sheet Title
MECHANICAL ROOM LAYOUT PLAN

Sheet No.
WHS
SP-400

CONSTRUCTION DOCUMENTS

FIXTURE AND EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE OR SANITARY	VENT	REMARKS
WC-A	WATER CLOSET ADA AND NON-ADA	1"	-	3"	2"	AMERICAN STANDARD AFWALL, ELONGATED, CHINA, WALL MOUNTED, TOP-SPUD; SLOAN REGAL 111/1.28 GPF EXPOSED FLUSHOMETER; CHURCH EXTRA STRENGTH SEAT WITH OPEN FRONT, NO COVER
UR-A	URINAL ADA AND NON ADA	3/4"	-	2-1/2"	2"	AMERICAN STANDARD WASHBROOK, CHINA, WALL MOUNTED, TOP SPUD; SLOAN REGAL 186/1.0 GPF EXPOSED URINAL FLUSHOMETER
LV-A	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	AMERICAN STANDARD LUCERNE, CHINA, WALL MOUNTED; EFX-250 BATTERY SENSOR FAUCET
LV-B	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	AMERICAN STANDARD LUCERNE, CHINA, WALL MOUNTED; EFX-250 BATTERY SENSOR FAUCET, ADA OFFSET TAILPIECE AND TRAP COVERS
EWC-A	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"	ELKAY EZH20 BI-LEVEL ADA COOLER AND BOTTLE FILLER STATION WITH FILTER; LZSTL8WSSK

WATER HEATER SCHEDULE

NO.	SERVICE	TYPE	BTUH INPUT	GALLONS/ HOUR RECOVERY	TEMP RISE DEG F	FUEL TYPE	VENT IN INCHES	ELECTRIC	DESIGN MAKE
GWH-1	DOM	GAS	500,000	576	100	NAT.	4	EXIST.	BTH-500 AOSMITH
GWH-1	DOM	GAS	500,000	576	100	NAT.	4	EXIST.	BTH-500 AOSMITH

PLUMBING GENERAL NOTES

#	Note
A	THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DRAWINGS
B	EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE. THE LOCATIONS SHOWN MUST BE CONSIDERED APPROXIMATE. OTHER SUCH WORK MAY EXIST, HOWEVER LOCATION AND SIZE ARE NOT PRESENTLY KNOWN.
C	WHEN EXISTING CONSTRUCTION IS DAMAGED BY WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECTS APPROVAL.
D	DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSE BY WORK OF THIS CONTRACTOR. LEGALLY DISPOSE ALL MATERIALS TO A LOCATION OFF SITE.
E	COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION.
F	ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING.
G	ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE SERVICE PIPING AND CAPPED. VALVE AND CAP ALL WATER PIPING. REMOVE ALL INACTIVE PIPING UNLESS OTHER WISE NOTED.
H	ALL PIPING TO BE REMOVED AND IN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED.
I	PATCH HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. MAINTAIN FIRE SMOKE RATING.
J	DEMOLITION SHALL INCLUDE, BUT NOT LIMITED TO: PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS AND INSULATION, EXCEPT ASBESTOS.
K	REMOVE EXISTING CONSTRUCTION IN THE WAY OF NEW WORK. PROTECT BUILDINGS AND FURNISHINGS FROM DAMAGE.
L	WHERE NEW WORK IS TO BE INSTALLED ABOVE AN EXISTING CEILING, PROVIDE FOR THE REMOVAL OF THE CEILING. UPON COMPLETION OF WORK, REPAIR ALL DAMAGED CEILING SURFACES, REPLACE ALL DAMAGED TILES.
M	SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
N	MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF REQUIRED CLEARANCES.
O	PROVIDED FOR THE DRAINAGE AND REFILLIING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
P	REFER TO EQUIPMENT/FIXTURE SCHEDULE FOR FINAL CONNECTION SIZES.
Q	PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
R	PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS NOTED OTHERWISE. FOR SANITARY AND WASTE PIPING 3" AND SMALLER, PITCH AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.
S	COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE PIPING WITH THE SITE CONTRACTOR. NO ALLOWANCES WILL BE MADE FOR ADDITIONAL COST DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTIONS TO THE SITE UTILITIES.
T	MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3" EXCEPT PIPING SERVING FLOOR DRAINS SHALL BE 4". MINIMUM SIZE OF VENT PIPING BELOW SLAB SHALL BE 2" UNLESS NOTED OTHERWISE.
U	PITCH 4" AND LARGER STORM PIPING AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
— — — — — —	WORK TO BE REMOVED
⊗	POINT OF CONNECTION
⧓	POINT OF DISCONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
——(E)——	EXISTING PIPING
━━━━━	NEW PIPING LOCATED ABOVE FLOOR/SLAB
—— —— ——	NEW PIPING LOCATED BELOW FLOOR/SLAB
——•——	COLD WATER PIPING (CW)
——••——	HOT WATER PIPING (HW)
——•••——	HOT WATER RECIRCULATING PIPING (HWR)
——SAN——	SANITARY SEWER PIPING
— —V— —	VENT PIPING (V)
——ST——	STORM WATER SEWER PIPING (ST)
——⊃	ELBOW DOWN
—⊃⊃—	45°OFFSET
——○	ELBOW UP
—⊖—	BOTTOM/TEE CONNECTION
—⊥—	TOP TEE CONNECTION
——⊃○	"P" TRAP
——{	PIPE CONTINUATION
——]	CAP OR PLUG
——ϕ	DECK PLATE CLEANOUT (DPCO)
——∈‖	WALL PLATE CLEANOUT (WPCO)
——‖	CLEANOUT (CO)
◘	FLOOR DRAIN (FD) / FLOOR SINK (FS)
——●——	SHUT OFF VALVE
——⊗——	BALANCING VALVE
—N—	CHECK VALVE
——◆	SHOCK ABSORBER (SA)
ⓧ	DRAWING KEYNOTE
☒ X	DEMOLITION/REMOVAL KEYNOTE

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M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

#	DATE	DESCRIPTION

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Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/2025

Sheet Title

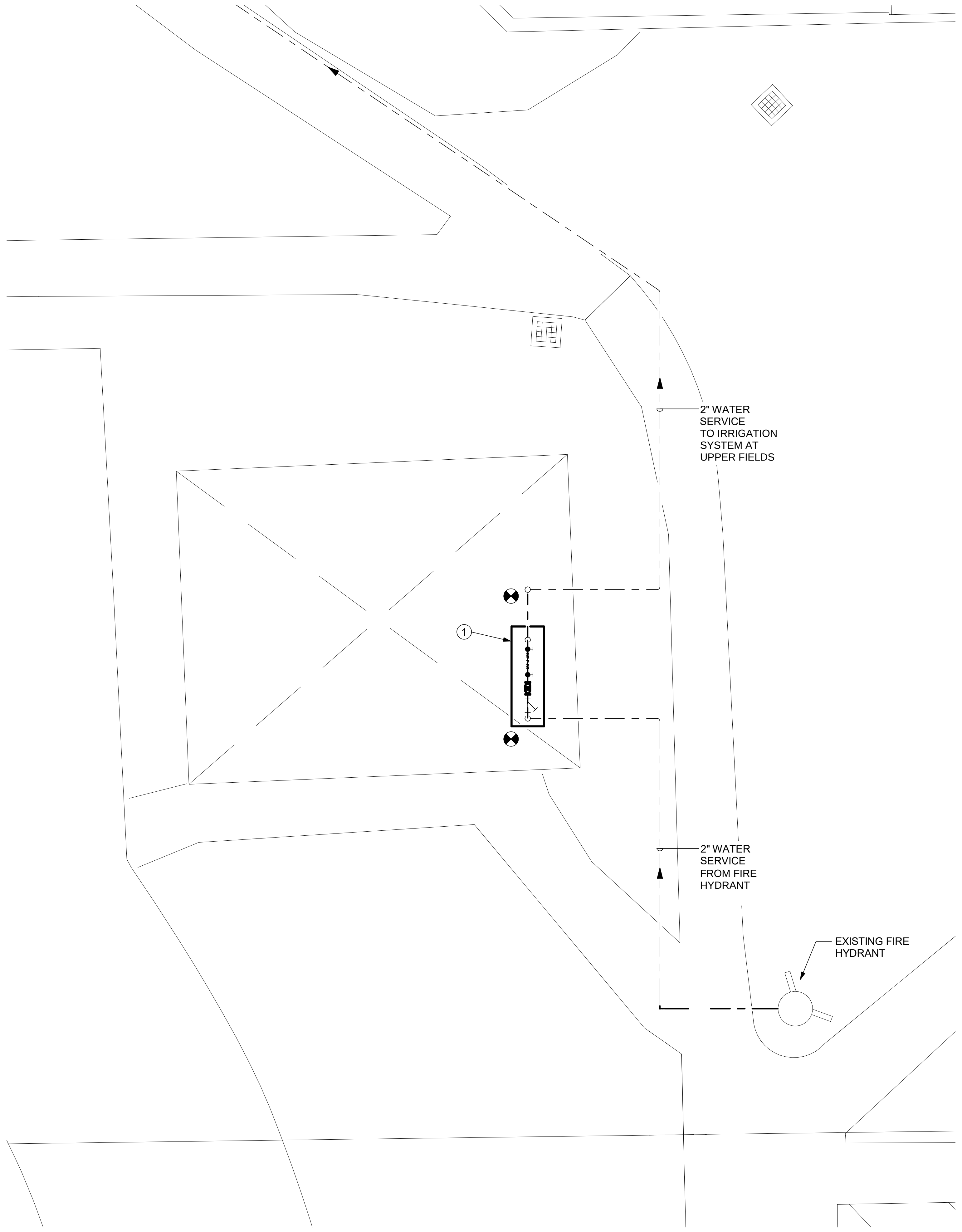
PLUMBING
NOTES,
SCHEDULES
AND SYMBOLS

Sheet No.

WHS
P001

CONSTRUCTION DOCUMENTS

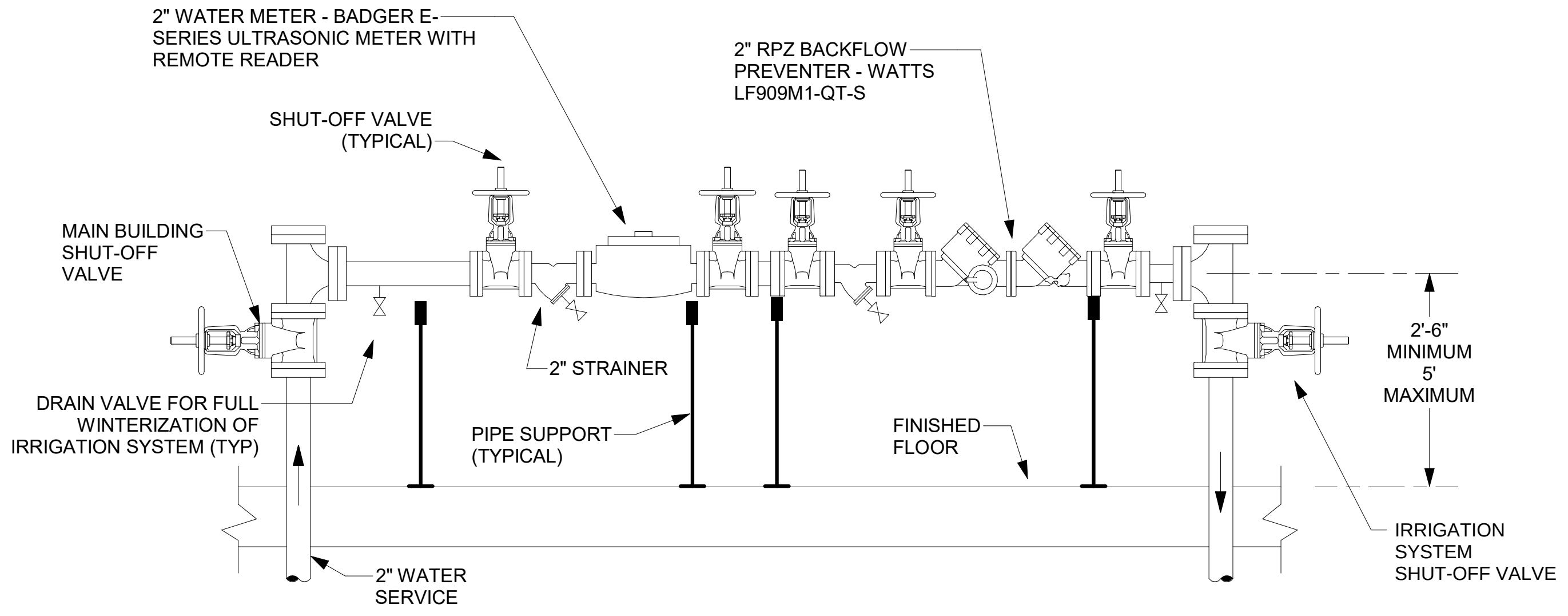
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_PLBG_Central_R24.rvt



2 UPPER FIELDS PLAN
P002
1/8" = 1'-0"

⊗ DRAWING NOTES:

1 PROVIDE 2" STRAINER, WATER METER, AND BACKFLOW PREVENTER ASSEMBLY IN HEATED HOT BOX ENCLOSURE. CONNECT TO EXISTING 6" STUB UP AND ROUTE BACK UNDER SLAB AS REQUIRED TO KEEP IN THE HEATED ENCLOSURE.


2" WATER METER - BADGER E-SERIES ULTRASONIC METER WITH REMOTE READER
2" RPZ BACKFLOW PREVENTER - WATTS LF909M1-QT-S
SHUT-OFF VALVE (TYPICAL)
MAIN BUILDING SHUT-OFF VALVE
2" STRAINER
2'-6" MINIMUM 5' MAXIMUM
DRAIN VALVE FOR FULL WINTERIZATION OF IRRIGATION SYSTEM (TYP)
PIPE SUPPORT (TYPICAL)
FINISHED FLOOR
IRRIGATION SYSTEM SHUT-OFF VALVE
2" WATER SERVICE

DETAIL NOTES:

A. PROVIDE PROPER SUPPORTS FOR BACKFLOW PREVENTERS, WATER METER AND PIPING.

B. PROVIDE 8" CLEARANCE BEHIND BACKFLOW PREVENTERS, 1'-0" ABOVE AND 2'-6" CLEARANCE IN FRONT OF DEVICES.

C. THE INSTALLATION OF FIXED AIR GAP FITTINGS ARE NOT ACCEPTABLE FOR USE ON DRAIN LINES. PROVIDE FUNNEL DRAINS AS INDICATED.

D. PAINT SUPPORTS WITH ONE (1) PRIMER AND TWO (2) FINISH COATS OF COLOR AS SPECIFIED.

E. PROVIDE FIXED PLATFORM SHOULD THE UPPER BACKFLOW PREVENTER BE INSTALLED HIGHER THAN 5'-0" ABOVE FINISHED FLOOR. HEIGHT OF UPPER BACKFLOW PREVENTER FROM TOP OF PLATFORM SHALL NOT EXCEED 5'-0".

F. HEAT AND LIGHT ARE PROVIDED IN THE AREA OF THE BACKFLOW PREVENTERS.

G. PROVIDE SPOOL PIECES AT INLET AND OUTLET OF METER AS RECOMMENDED BY METER MANUFACTURER.

H. NEW DEVICES MUST BE TESTED AFTER INSTALLATION AND BEFORE ENTERING SERVICE. DEVICES MUST BE TESTED ANNUALLY THERAFTER.

I. STRAINERS ARE RECOMMENDED PRIOR TO EACH BACKFLOW DEVICE ON NON-FIREFIGHTING LINES ONLY. NO STRAINER IS TO BE USED ON A FIRE LINE WITHOUT INSURANCE UNDERWRITER APPROVAL.

J. ASSEMBLIES SHOULD BE SPECIFIED AND INSTALLED WITH MANUFACTURER SUPPLIED AND INSTALLED WITH MANUFACTURER SUPPLIED VALVES.

K. WATER LINES SHOULD BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF DEVICE TO PREVENT DEBRIS FOULING THE DEVICE CHECK VALVES.

L. DEVICE MUST BE MOUNTED HORIZONTALLY UNLESS APPROVED FOR VERTICAL INSTALLATION.

M. ASSEMBLIES SHOULD NOT BE INSTALLED IN AREAS CONTAINING CORROSIVE OR TOXIC GASES WHICH COULD RENDER THE DEVICE INOPERABLE.

N. DUE TO INHERENT DESIGN OF RPZ ASSEMBLIES, FLUCTUATING SUPPLY PRESSURE ON A LOW FLOW CONDITION MAY CAUSE NUISANCE DRIPPING. INSTALLATION OF A SOFT SEATED CHECK VALVE AHEAD OF THE RPZ WILL OFTEN HOLD PRESSURE CONSTANT DURING PERIODS OF LOW FLOW.

O. WHERE THE DISTANCE BETWEEN THE WATER METER AND THE DEVICE IS GREATER THAN 10 FEET, ALL EXPOSED PIPING SHOULD BE MARKED "FEED LINE TO BACKFLOW PERVENTER - DO NOT TAP" AT 5-FOOT INTERVALS.

1 WATER SERVICE ENTRANCE DETAIL
P002
NOT TO SCALE

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M/E Project #: 243033

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

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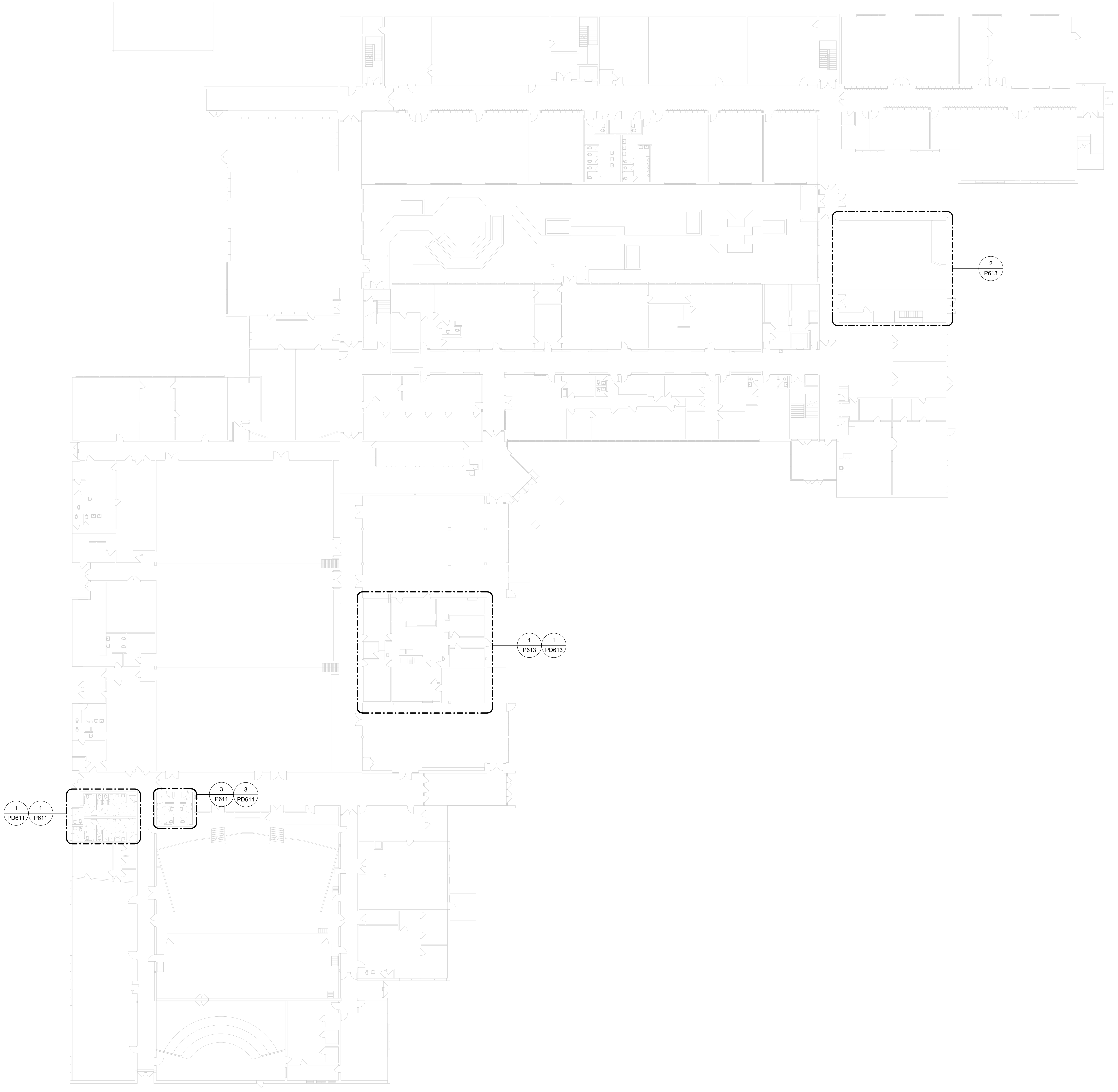
Sheet Title
UPPER FIELDS WATER SERVICE PLAN AND DETAILS

Sheet No.
WHS
P002

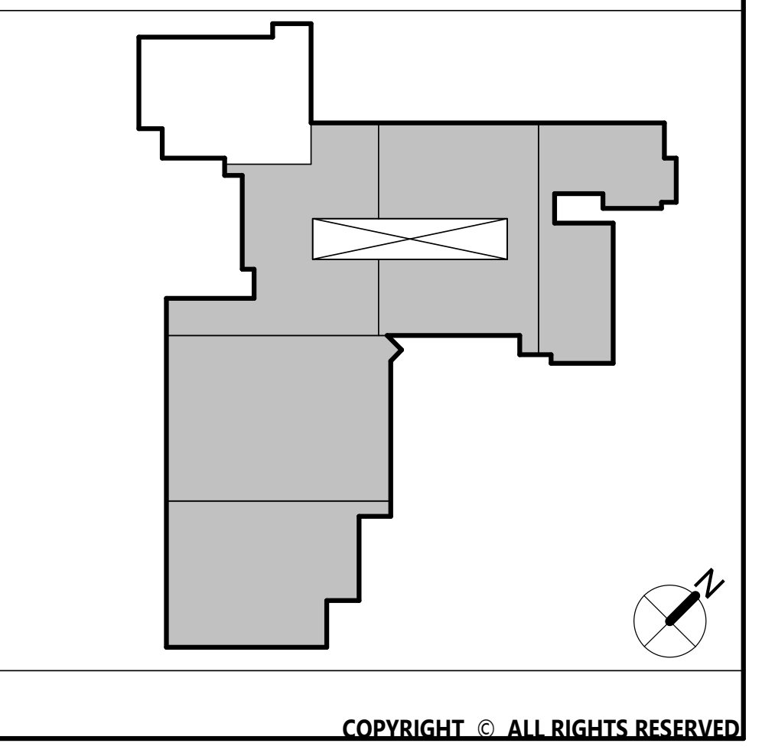
CONSTRUCTION DOCUMENTS



1 GROUND FLOOR PLAN - OVERALL
P111 1" = 20'-0"

0' 10' 20' 40'

KEY PLAN



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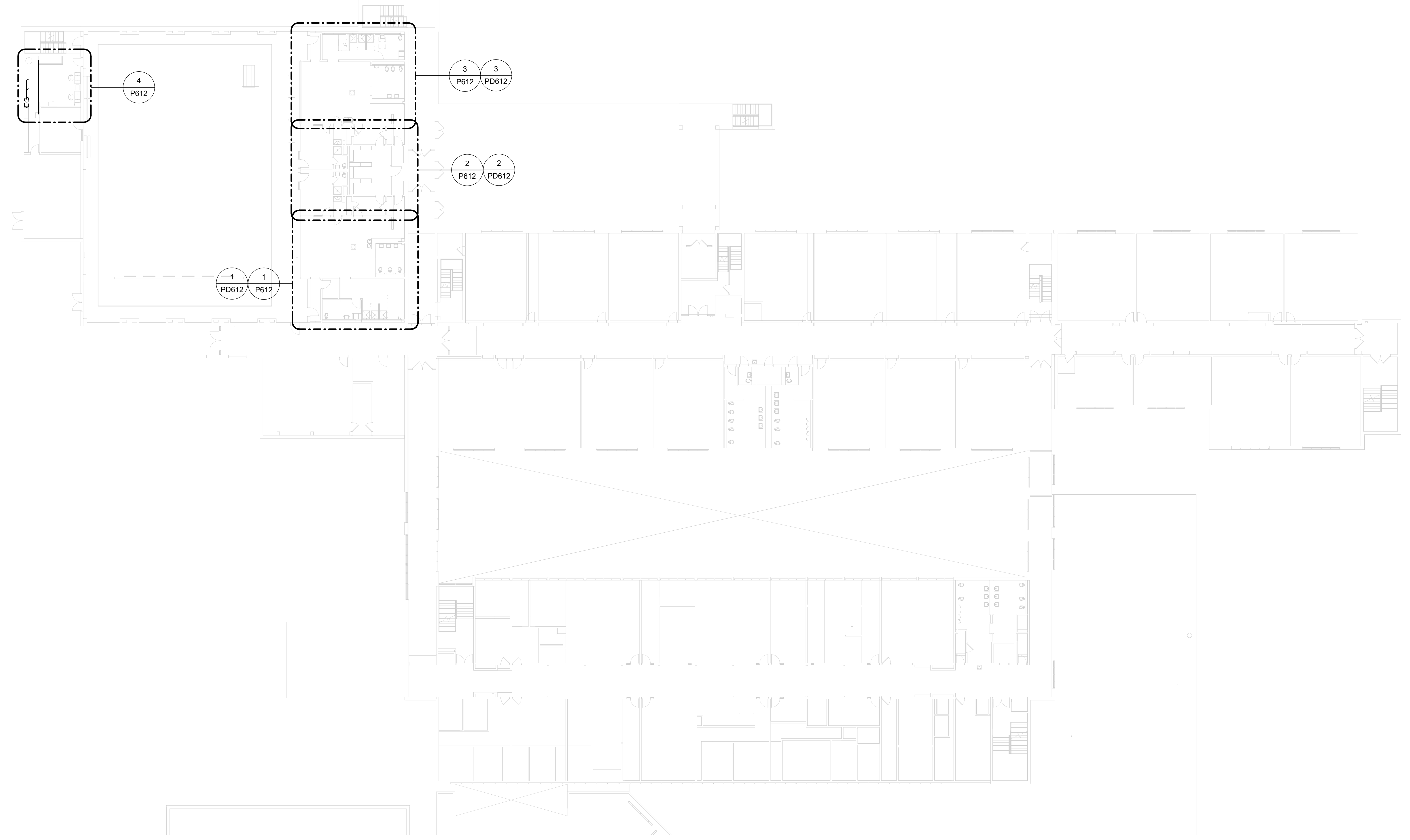
Sheet Title

GROUND FLOOR PLAN - OVERALL

Sheet No.

WHS P111

CONSTRUCTION DOCUMENTS



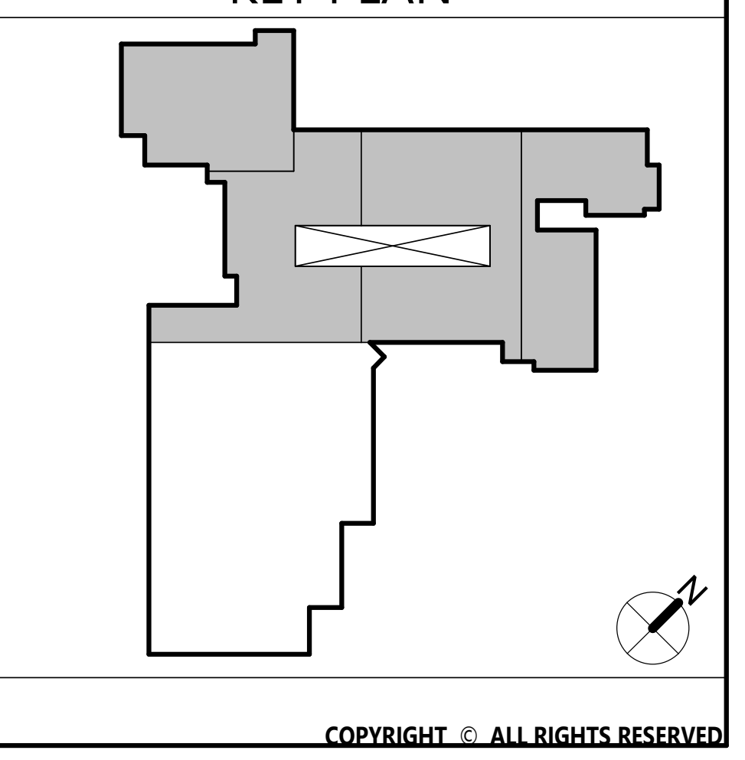
1 SECOND FLOOR PLAN - OVERALL

P121

1" = 20'-0"

0' 10' 20' 40'

KEY PLAN



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Sheet Title

SECOND
FLOOR PLAN -
OVERALL

Sheet No.

WHS
P121

CONSTRUCTION DOCUMENTS

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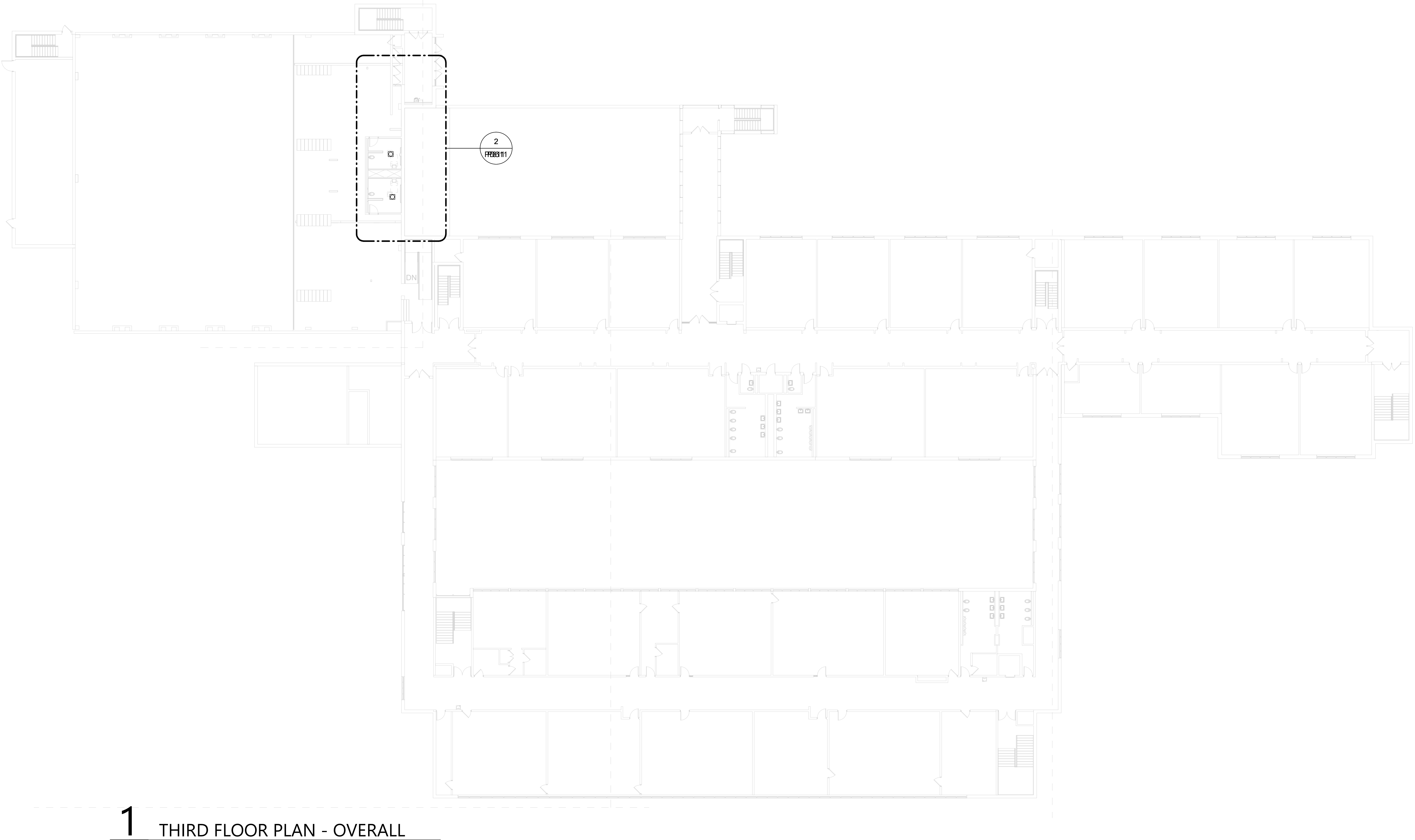
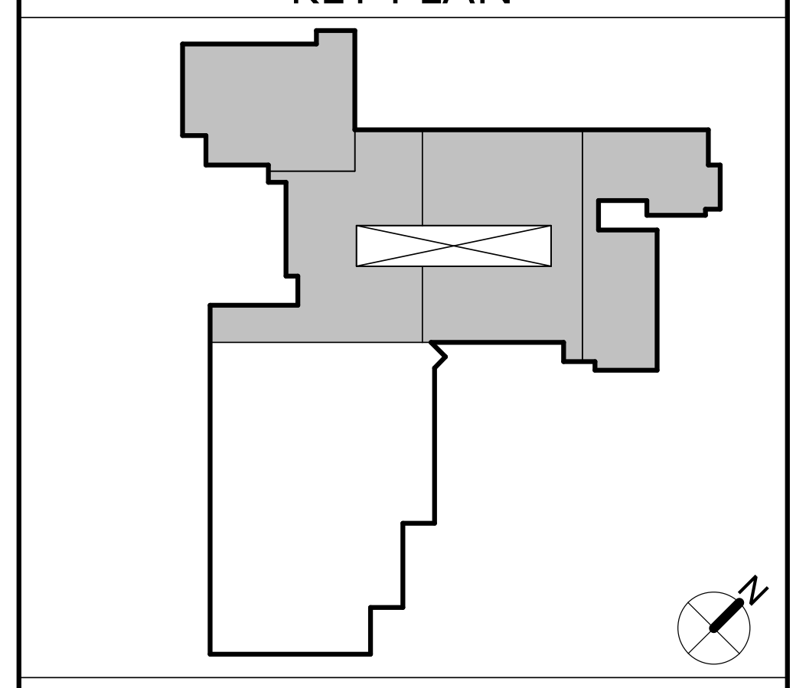


1
THIRD FLOOR PLAN - OVERALL
P131
1" = 20'-0"

KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

#	DATE	DESCRIPTION

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CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

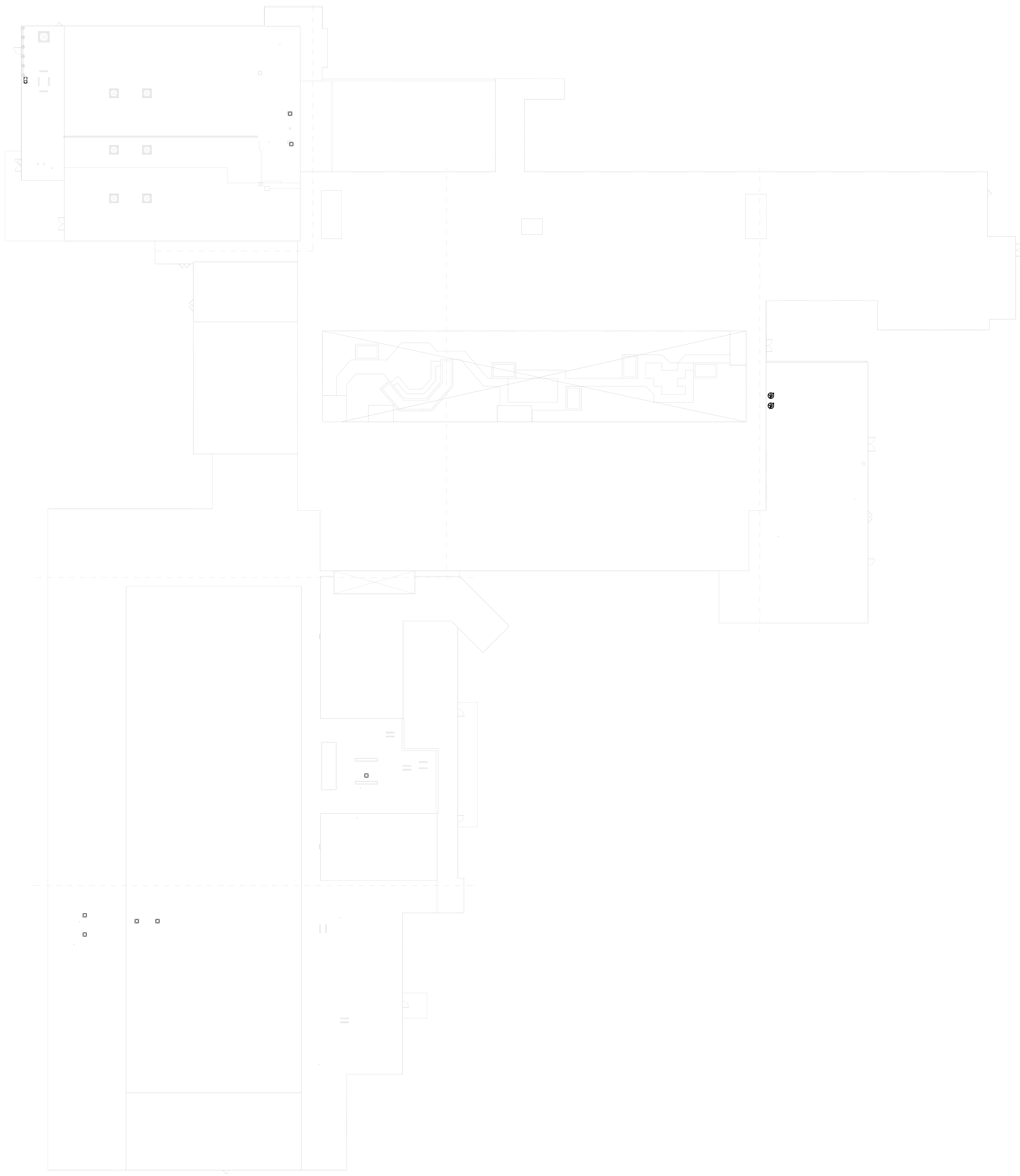
THIRD FLOOR PLAN - OVERALL

Sheet No.

WHS P131

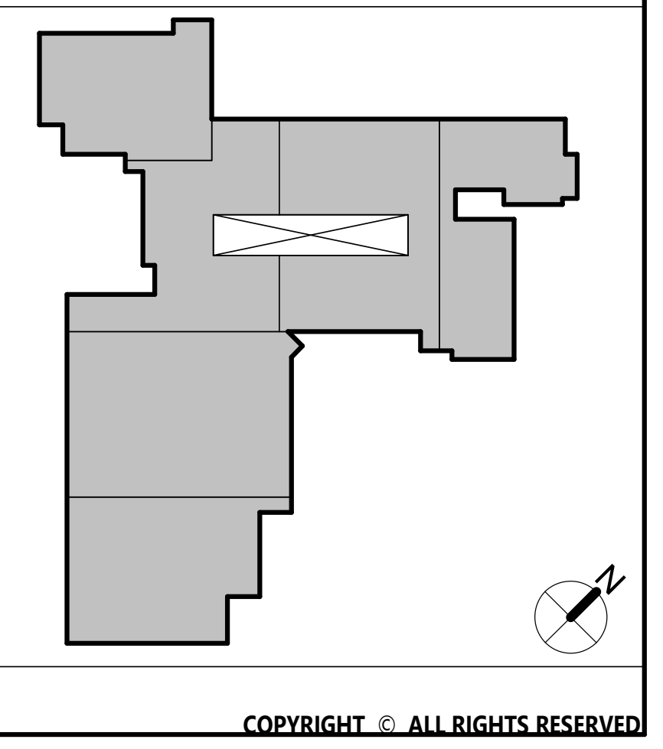
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_PLBG_Central_R24.rvt



1 ROOF - OVERALL
P401 3/64" = 1'-0"

KEY PLAN



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Sheet Title

ROOF PLAN - OVERALL

Sheet No.

WHS P401

CONSTRUCTION DOCUMENTS

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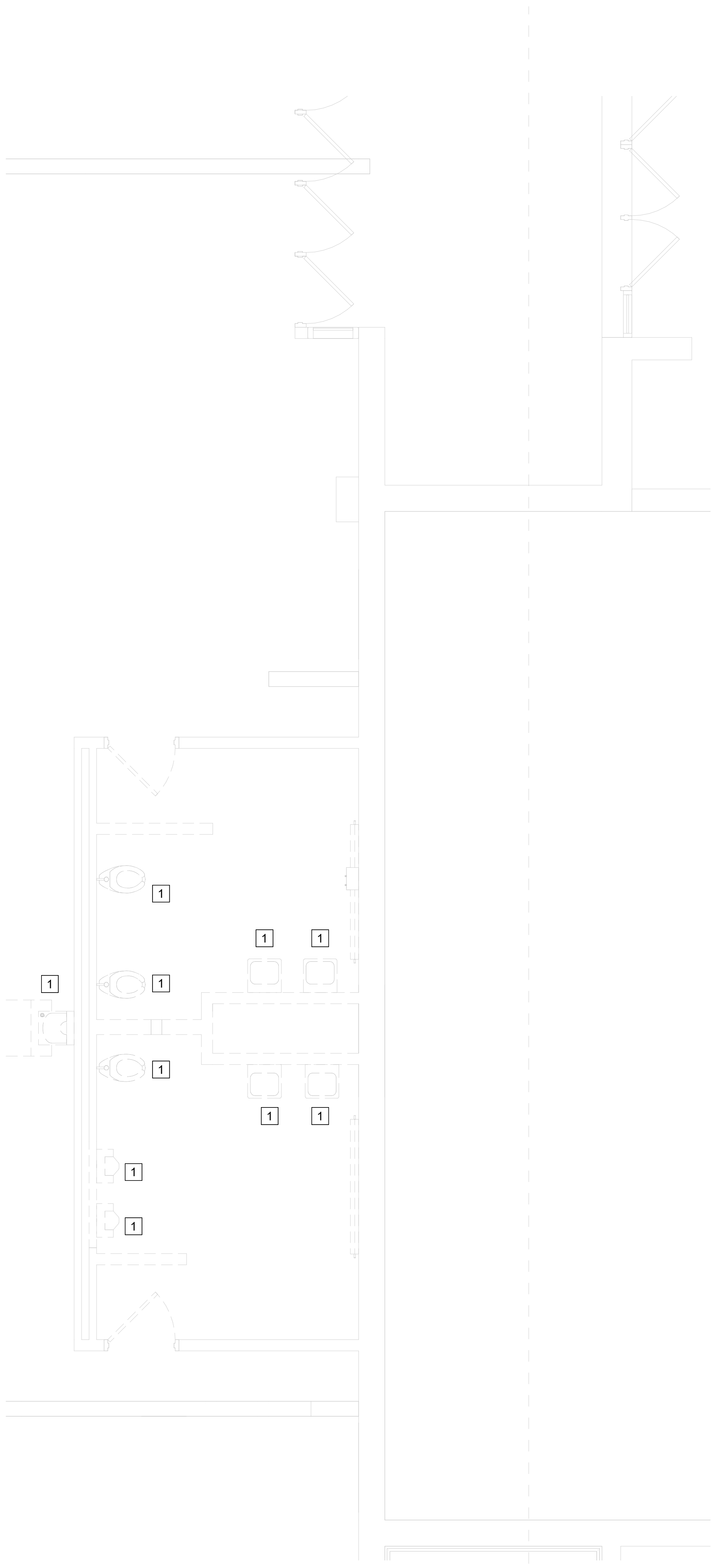
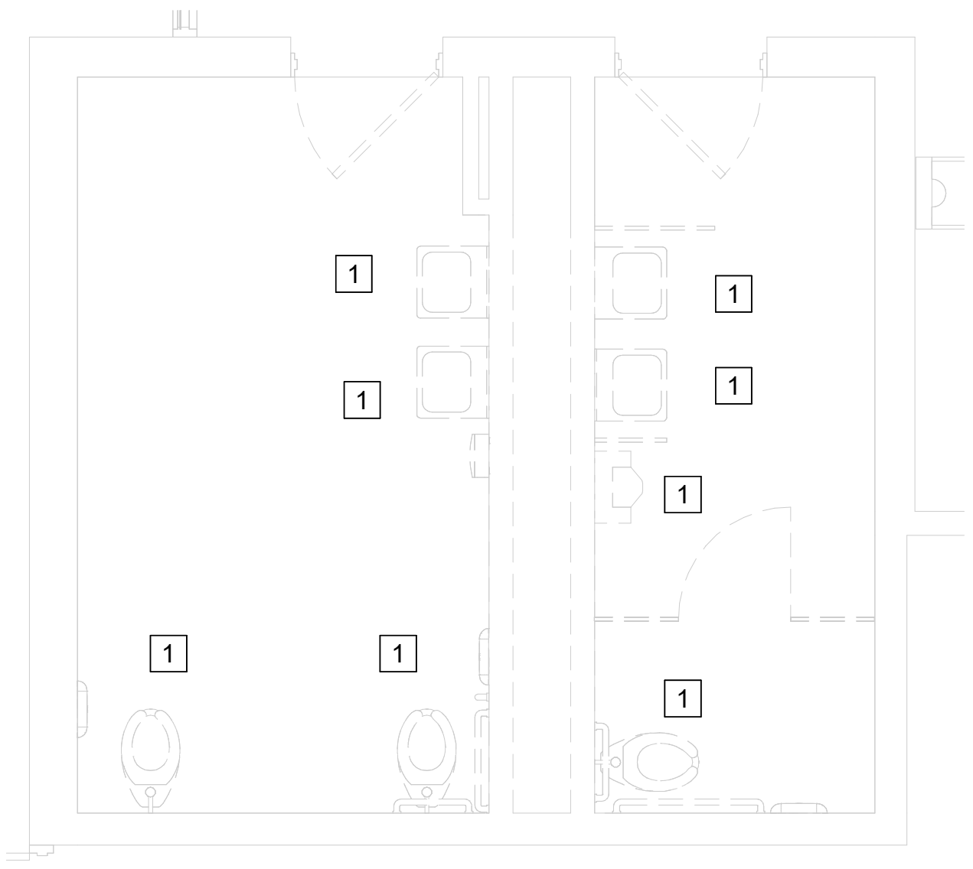
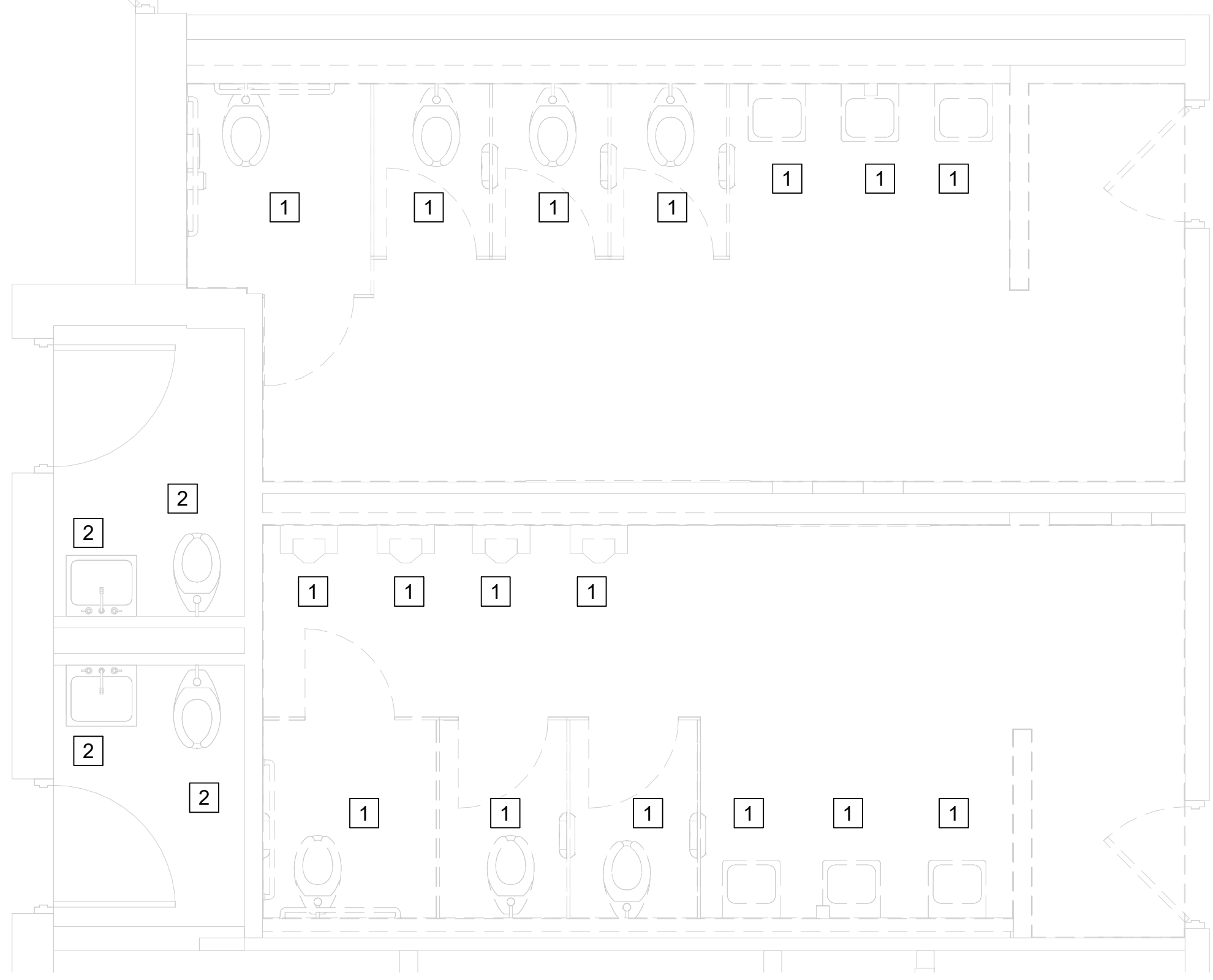


2 TOILET ROOMS 343A & 343B DEMOLITION
PD611 1/4" = 1'-0"



3 TOILET ROOMS T180 & T180A DEMOLITION
PD611 1/4" = 1'-0"



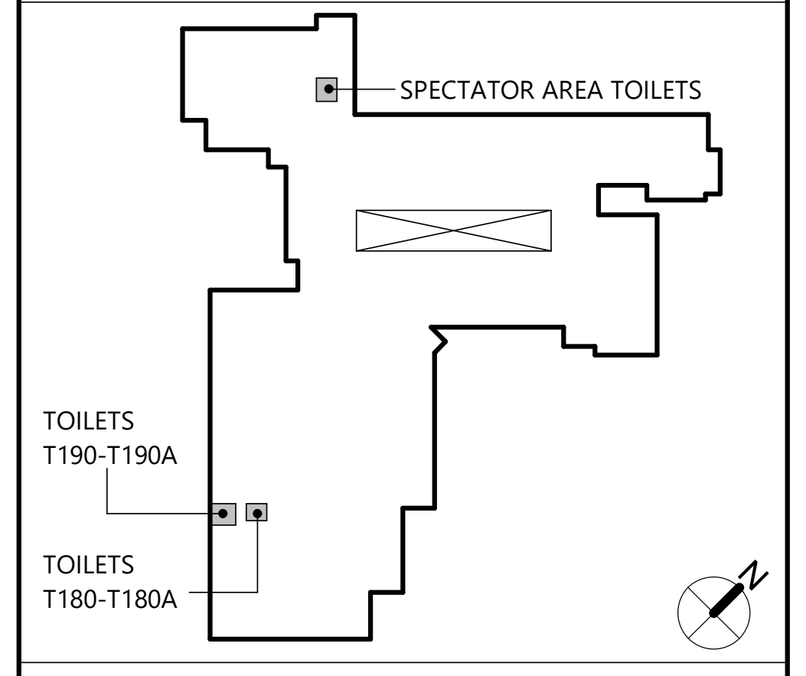
1 TOILET ROOMS T190 & T190A DEMOLITION
PD611 1/4" = 1'-0"

☒ **DEMOLITION NOTES:**

1 EXISTING PLUMBING FIXTURE TO BE REMOVED, INCLUDING ALL TRIM, CARRIER AND APPURTANANCES. REMOVE SANTIARY AND VENT PIPING BACK TO MAINS AND CAP. REMOVE HOT AND COLD WATER BACK TO NEAREST BRANCHLINE AND CAP OR PLUG FOR FUTURE RE-USE.

2 EXISTING PLUMBING FIXTURE TO REMAIN

KEY PLAN



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Sheet Title
ENLARGED
TOILET ROOM
PLANS
DEMOLITION

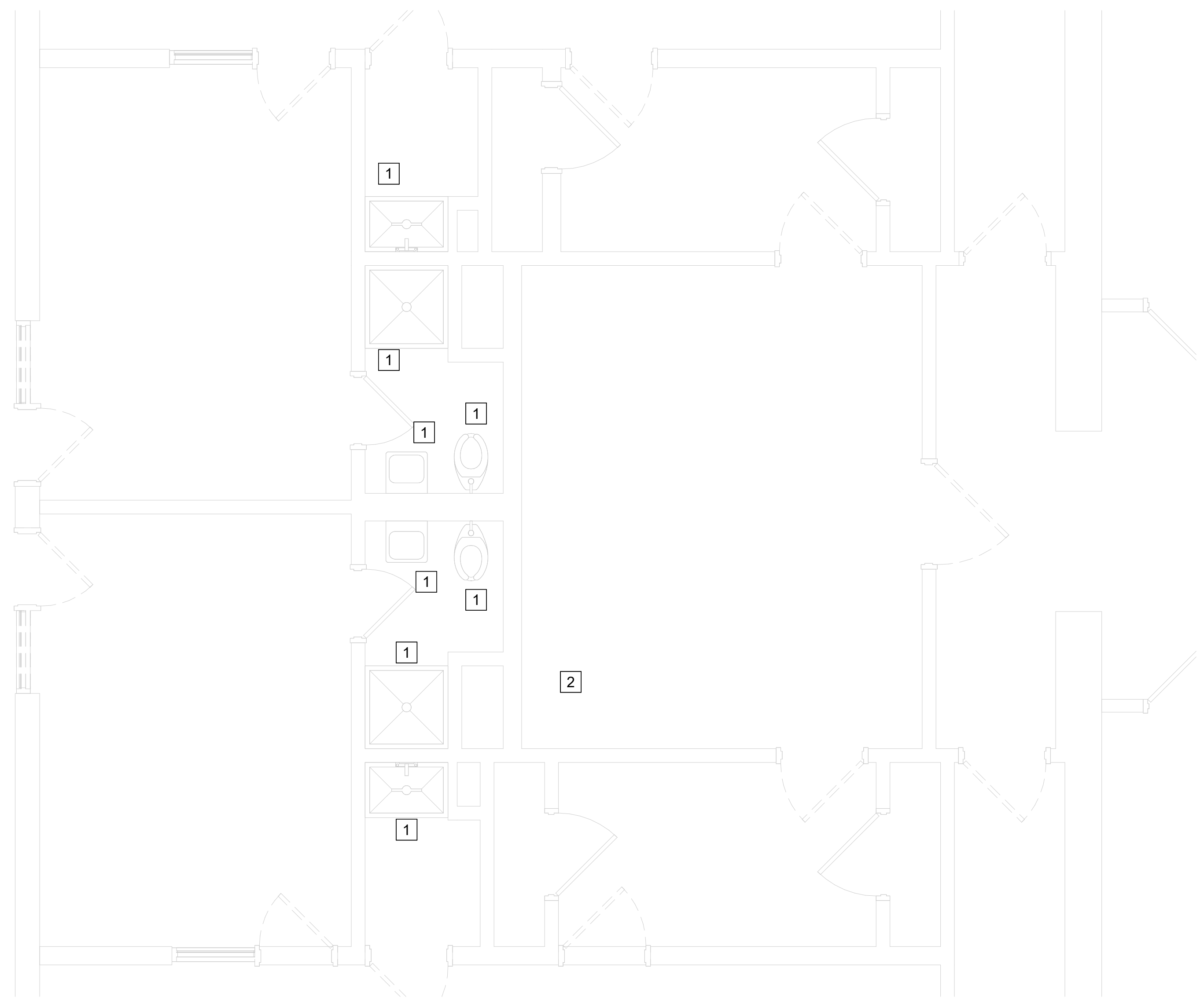
Sheet No.
WHS
PD611

CONSTRUCTION DOCUMENTS

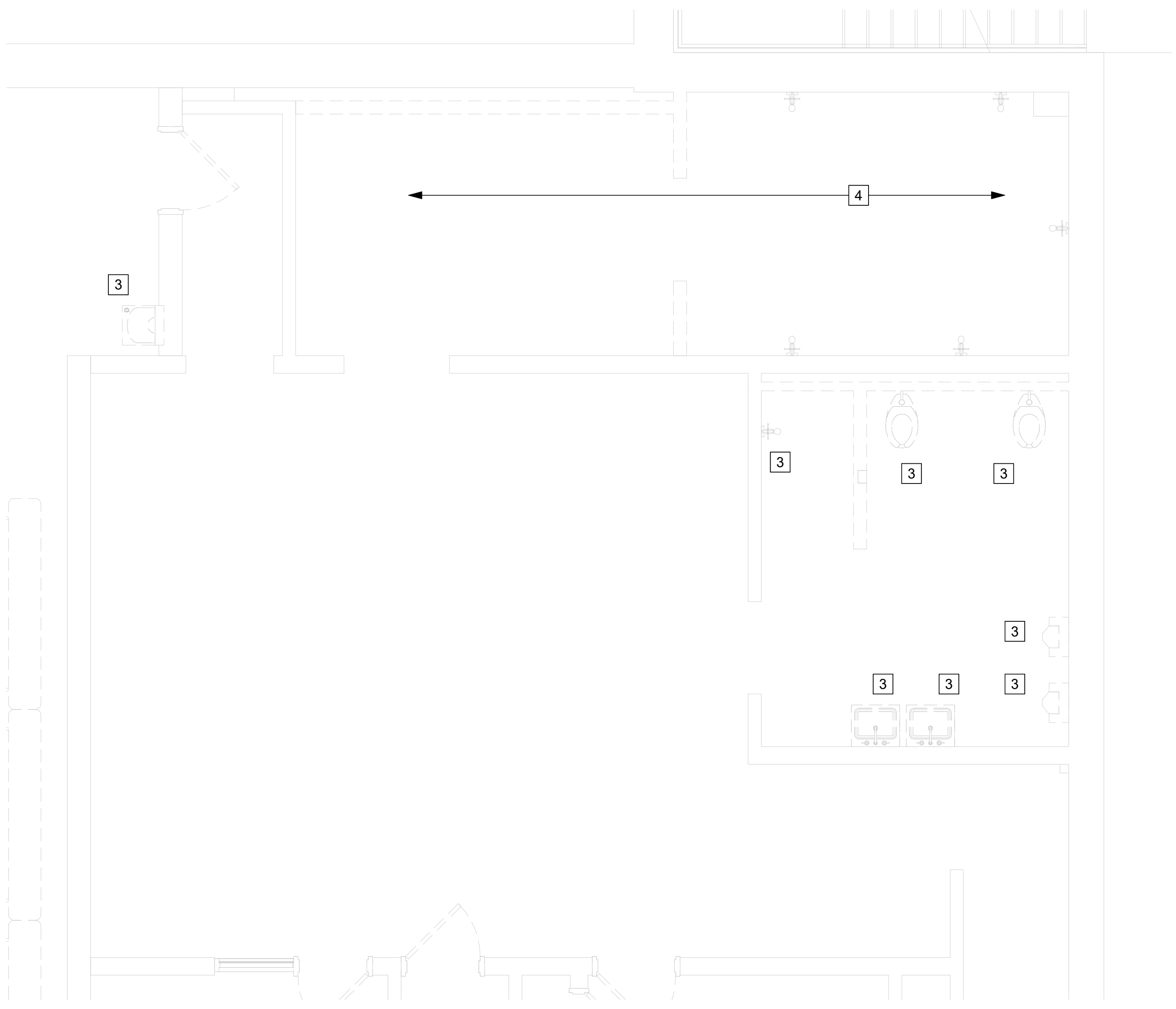
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_PLBG_Central_R24.rvt

DEMOLITION NOTES:

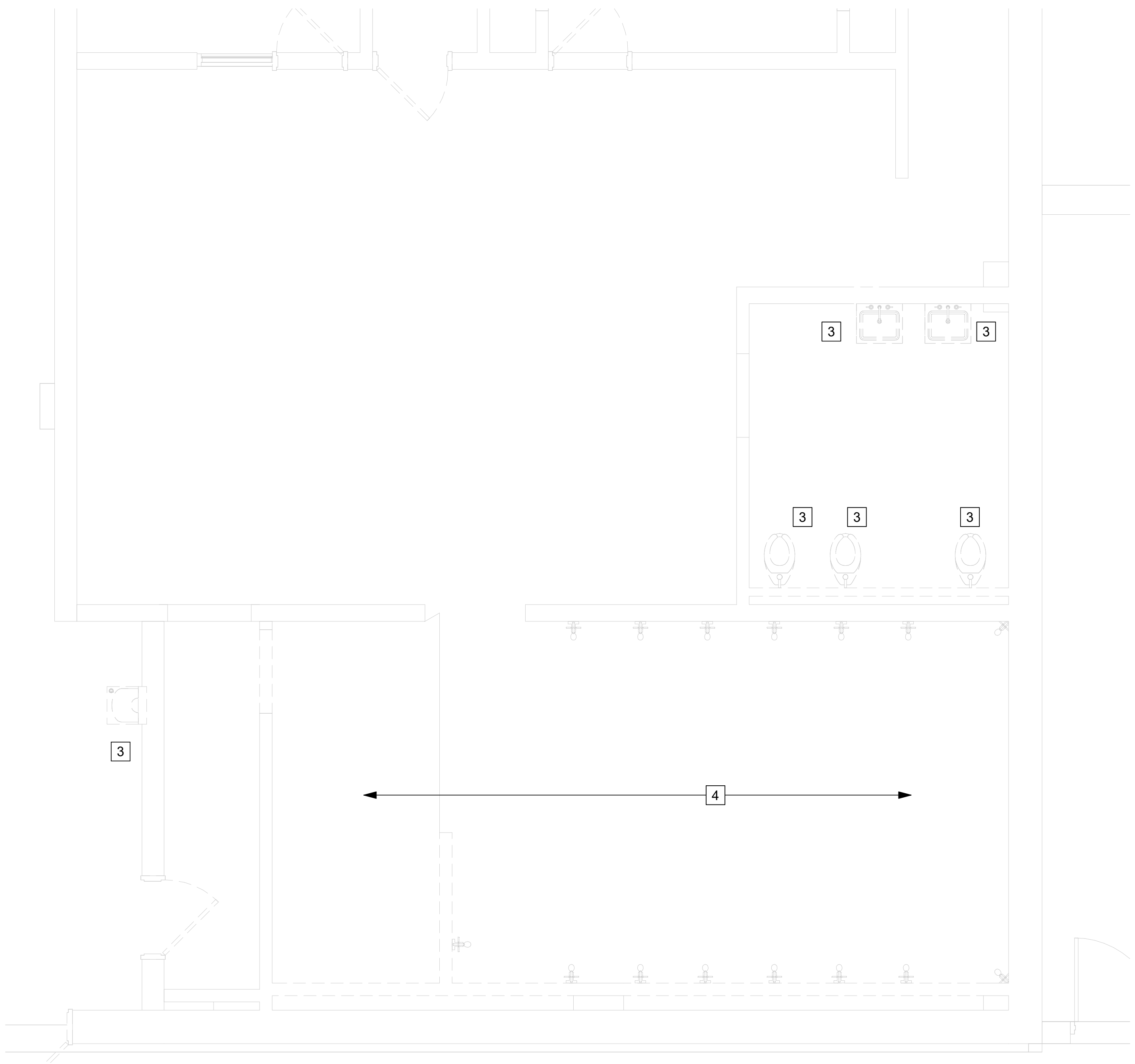
1 EXISTING PLUMBING FIXTURE TO REMAIN
2 REMOVE EIXSTING DRAINS ASSOCIATED WITH WASHERS
3 EXISTING PLUMBING FIXTURE TO BE REMOVED, INCLUDING ALL TRIM, CARRIER AND APPURTANANCES. REMOVE SANTIARY AND VENT PIPING BACK TO MAINS AND CAP. REMOVE HOT AND COLD WATER BACK TO NEAREST BRANCHLINE AND CAP OR PLUG FOR FUTURE RE-USE.
4 REMOVE ALL PIPING, DRAINS, FIXTURES, TRIM AND APPURTENANCES ASSOCIATED WITH EXISTING GANG SHOWERS



2 NATATORIUM SUPPORT SPACES DEMOLITION
PD612 1/4" = 1'-0"

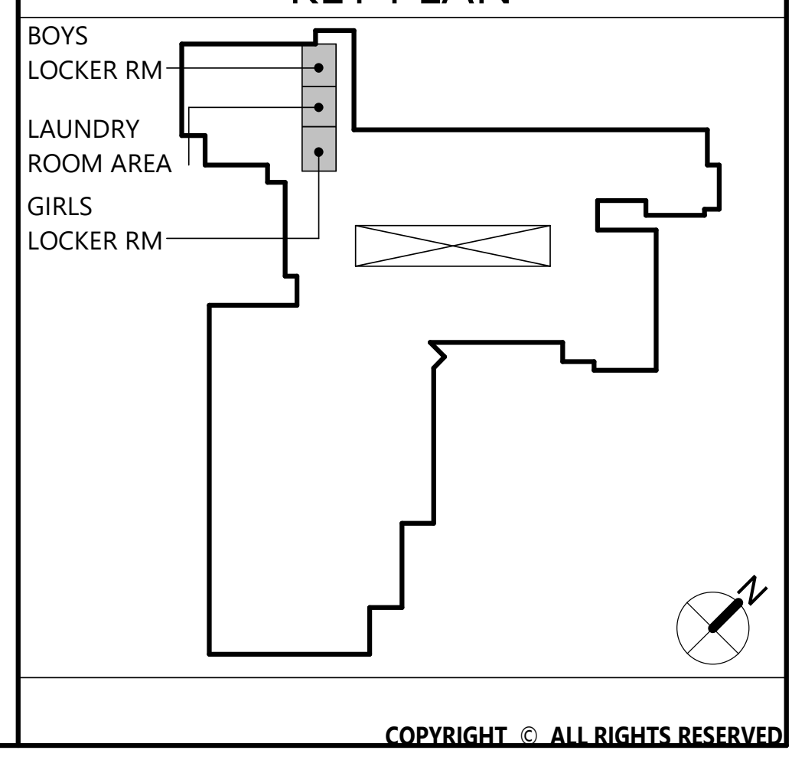


3 NATATORIUM BOYS LOCKER ROOM 247 DEMOLITION
PD612 1/4" = 1'-0"



1 NATATORIUM GIRLS LOCKER ROOM 243 DEMOLITION
PD612 1/4" = 1'-0"

KEY PLAN



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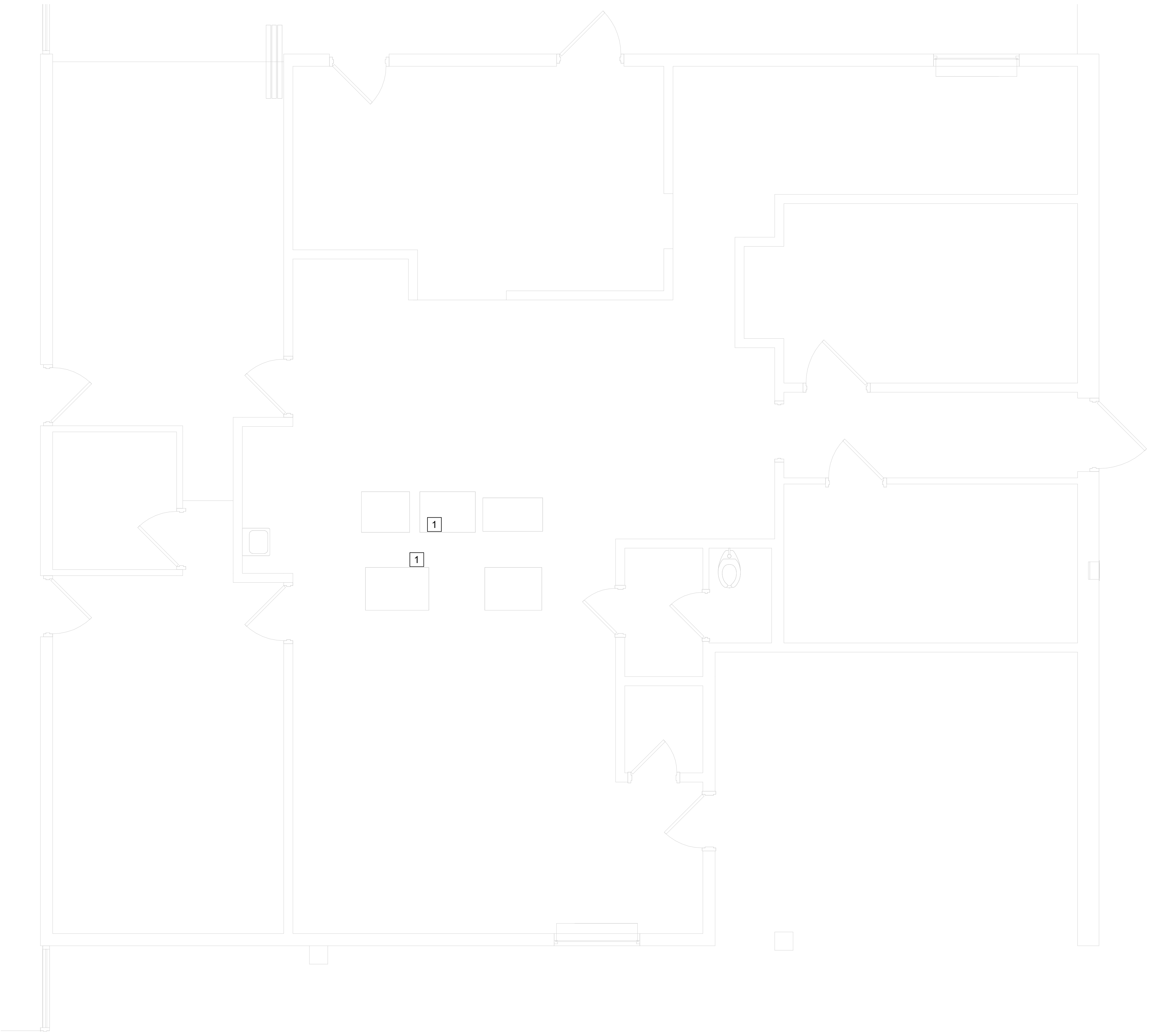
Sheet Title
ENLARGED NATATORIUM PLANS DEMOLITION

Sheet No.
WHS PD612

CONSTRUCTION DOCUMENTS

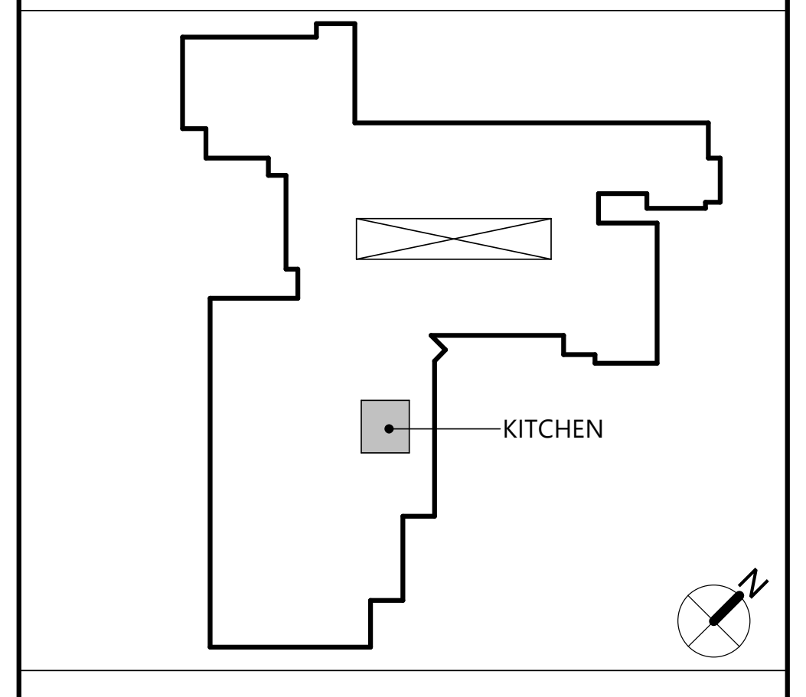


1 KITCHEN ENLARGED PLAN DEMOLITION
PD613 1/4" = 1'-0"

☒ DEMOLITION NOTES:

1 REMOVE AND CUT BACK ALL GAS PIPING FROM EQUIPMENT INCLUDING FLEXIBLE CONNECTIONS, VALVES AND SOLENOIDS

KEY PLAN



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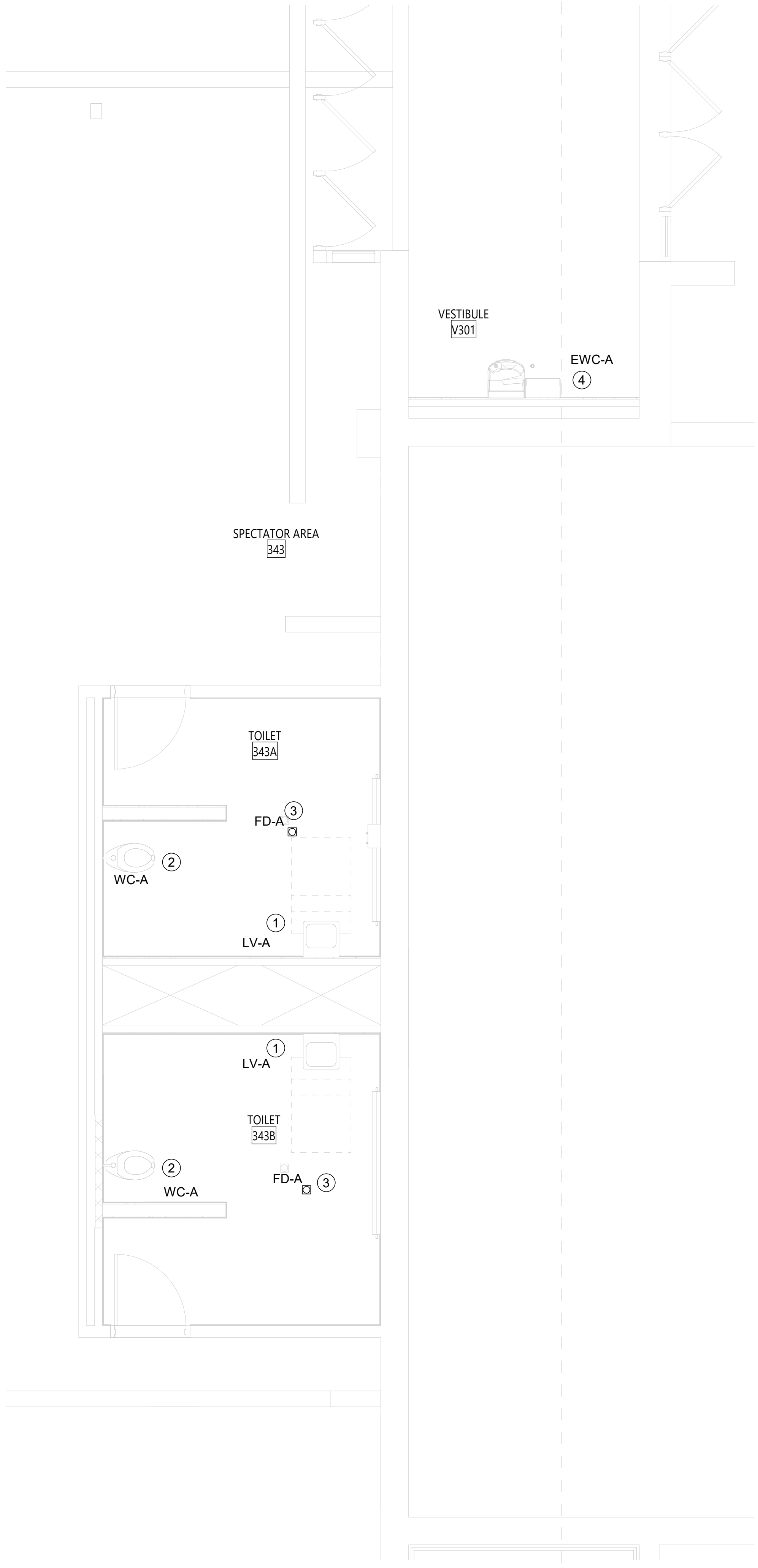
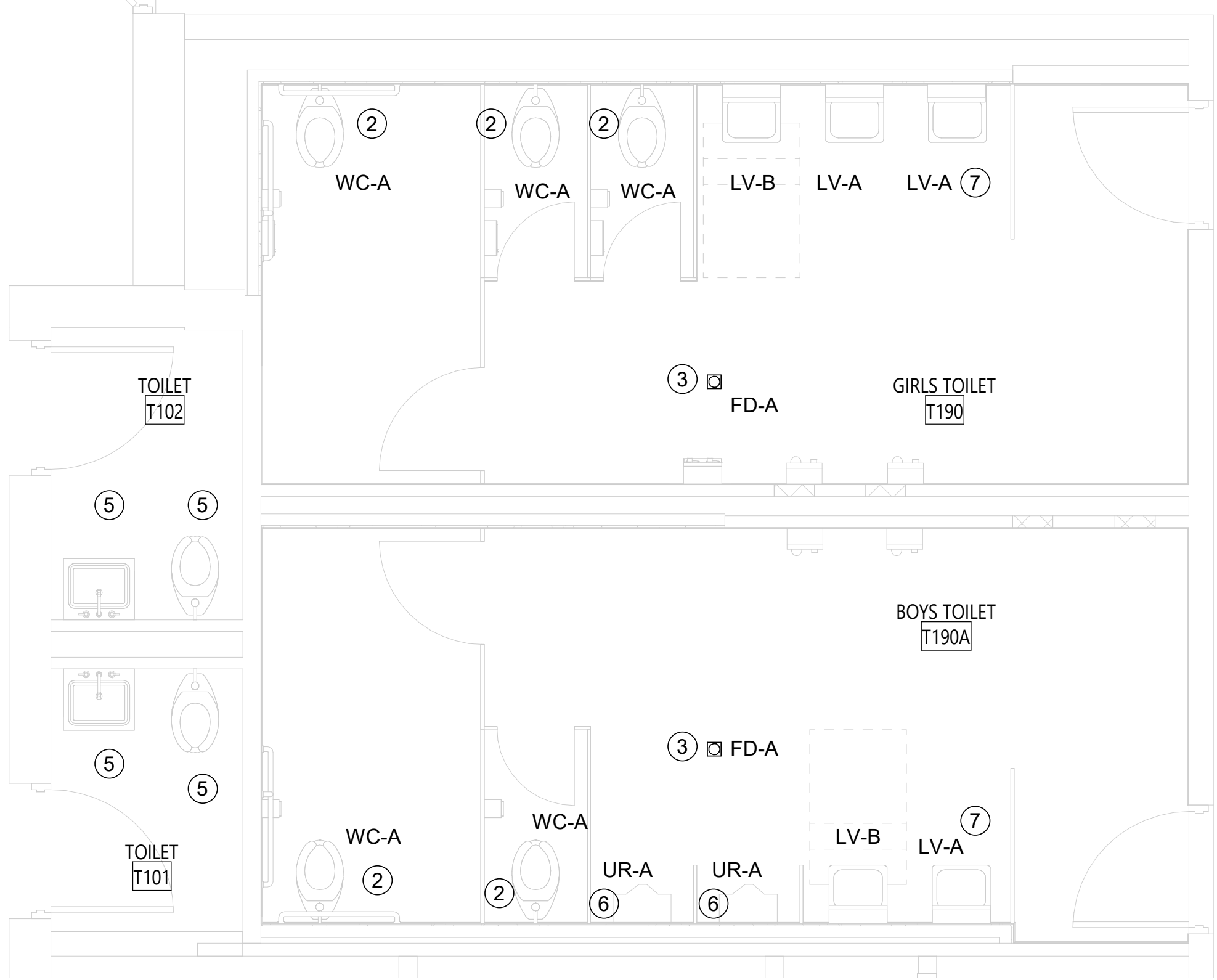
Sheet Title
ENLARGED
KITCHEN
PLANS
DEMOLITION

Sheet No.
WHS
PD613

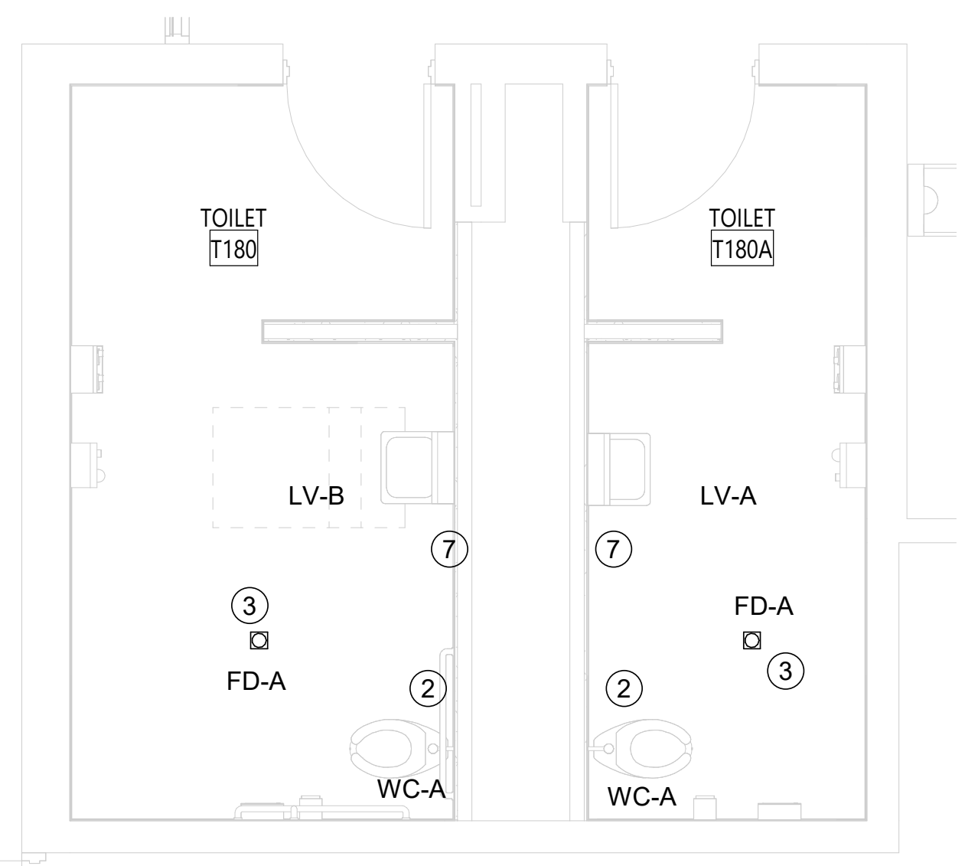
CONSTRUCTION DOCUMENTS



2 TOILET ROOMS 343A & 343B
P611
1/4" = 1'-0"



1 TOILET ROOMS T190 & T190A
P611
1/4" = 1'-0"



3 TOILET ROOMS T180 & T180A
P611
1/4" = 1'-0"

Ⓧ **DRAWING NOTES:**

1 1-1/2" WASTE DROP, 1-1/2" WASTE DOWN, 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO FAUCET SUPPLIES

2 3" SANITARY DOWN, 2" VENT RISE; 1" COLD WATER DROP TO FLUSH VALVE

3 2" SANITARY WITH P-TRAP AND TRAP GUARD DOWN FROM FLOOR DRAIN, 1-1/2" VENT RISE

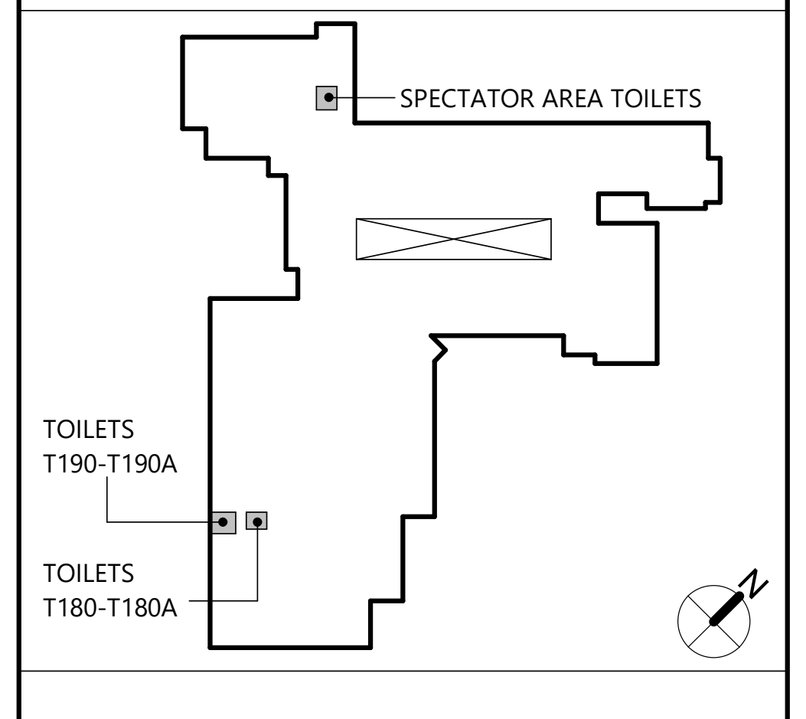
4 1-1/2" WASTE WITH P-TRAP IN WALL, 1-1/2" WASTE DOWN, 1-1/2" VENT RISE; 1/2" COLD WATER DROP

5 EXISTING PLUMBING FIXTURE

6 2-1/2" SANITARY DOWN IN WALL, 2" VENT RISE; 3/4" COLD WATER DROP TO FLUSH VALVE

7 1-1/2" WASTE DROP,2" WASTE DOWN BELOW SLAB, 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO FAUCET SUPPLIES

KEY PLAN



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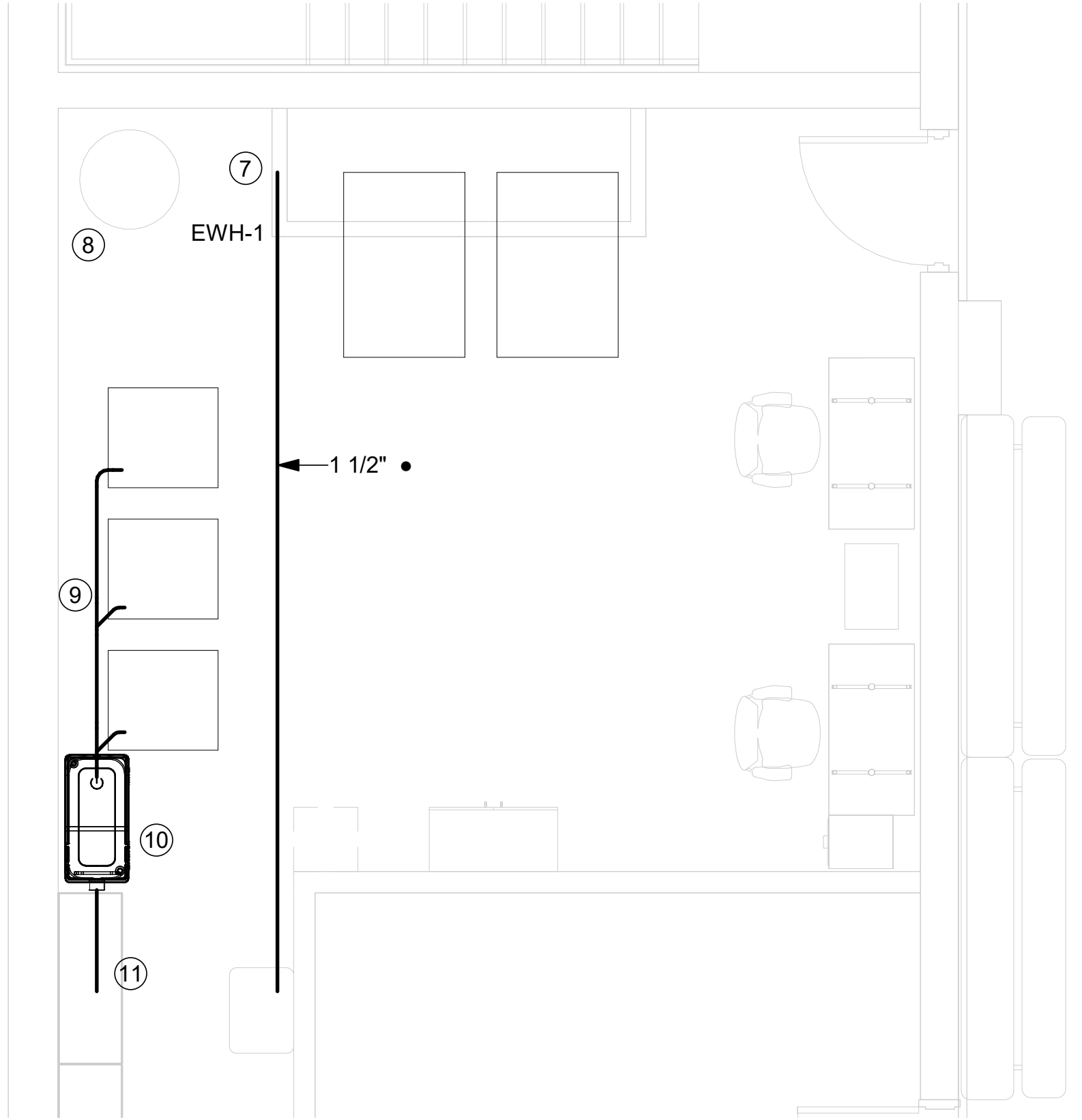
Sheet Title

ENLARGED
TOILET ROOM
PLANS

Sheet No.

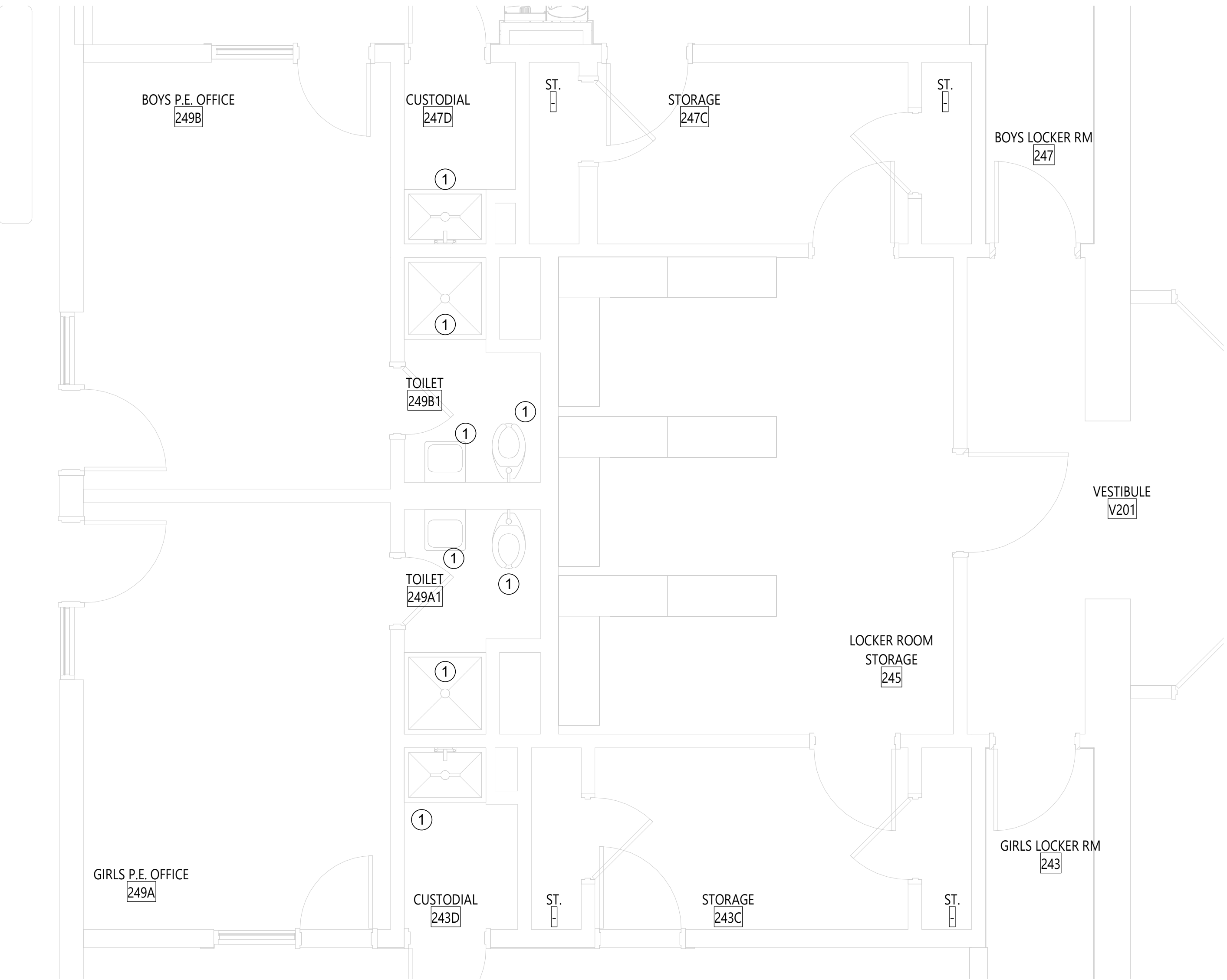
WHS
P611

CONSTRUCTION DOCUMENTS



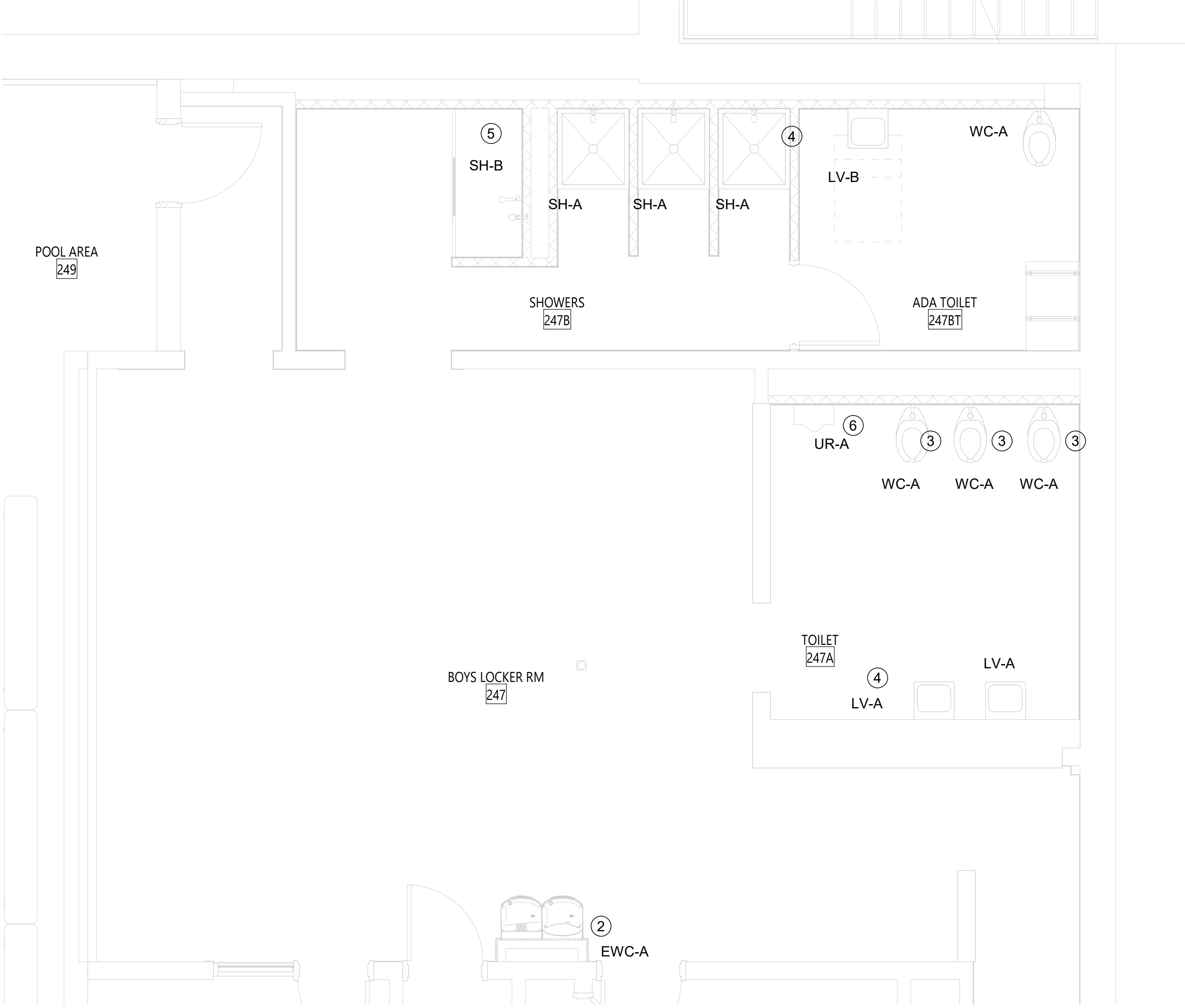
4 ENLARGED POOL ROOM WORK

P612 1/4" = 1'-0"



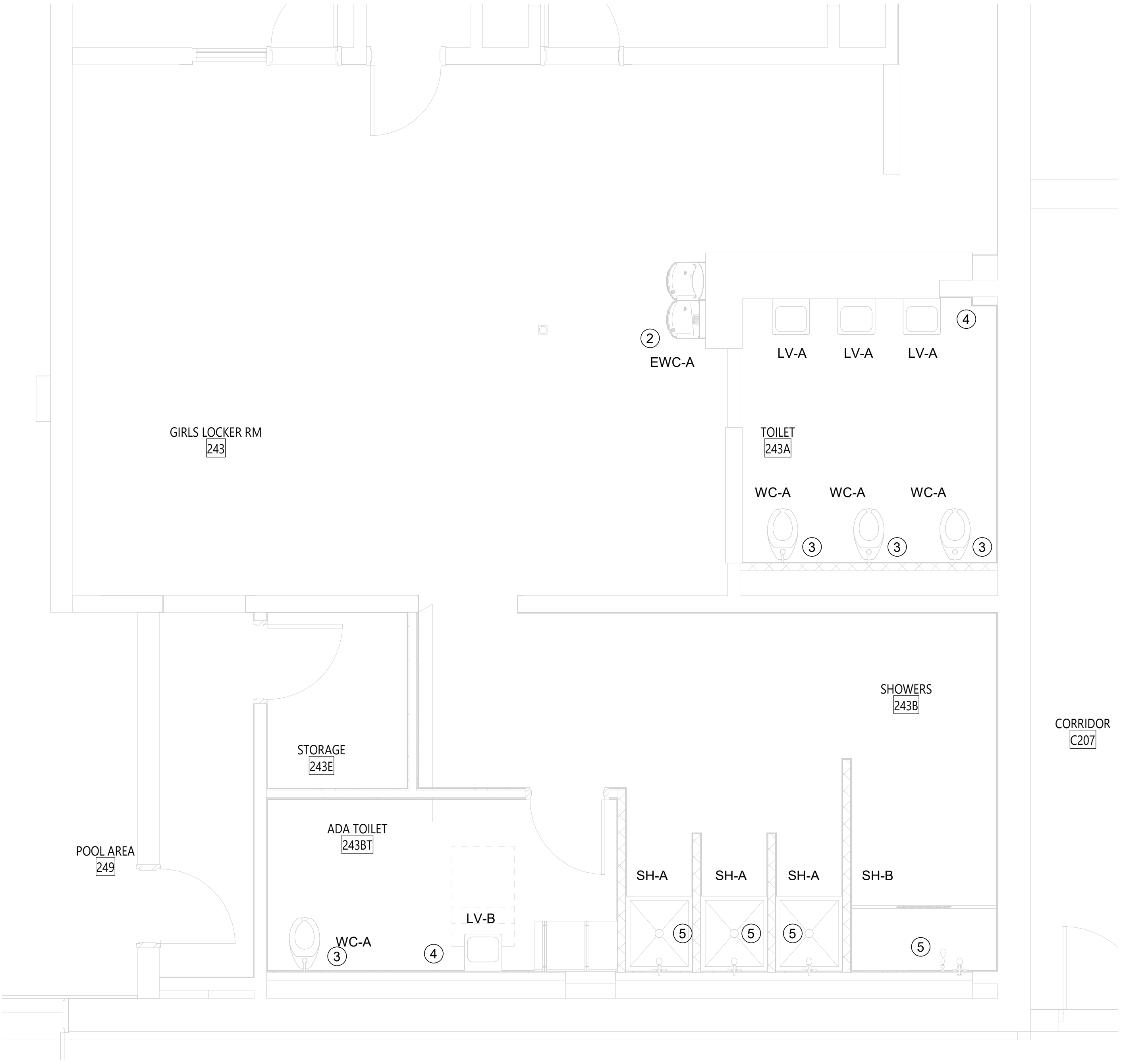
2 NATATORIUM SUPPORT SPACES

P612 1/4" = 1'-0"



3 NATATORIUM BOYS LOCKER ROOM 247

P612 1/4" = 1'-0"



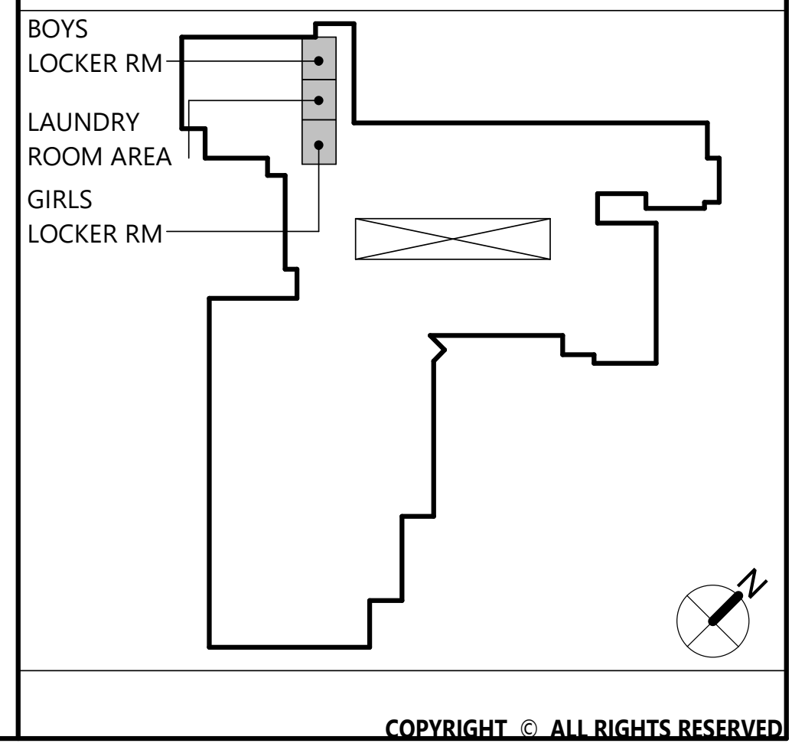
1 NATATORIUM GIRLS LOCKER ROOM 243

P612 1/4" = 1'-0"

ⓧ DRAWING NOTES:

1 EXISTING PLUMBING FIXTURE
2 1-1/2" WASTE WITH P-TRAP IN WALL, 1-1/2" WASTE DOWN, 1-1/2" VENT RISE; 1/2" COLD WATER DROP
3 3" SANITARY DOWN, 2" VENT RISE; 1" COLD WATER DROP TO FLUSH VALVE
4 1-1/2" WASTE DROP, 1-1/2" WASTE DOWN, 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO FAUCET SUPPLIES
5 2" SANITARY DOWN WITH P-TRAP, 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP DOWN TO SHOWER MIXING VALVE
6 2-1/2" SANITARY DOWN IN WALL, 2" VENT RISE; 3/4" COLD WATER DROP TO FLUSH VALVE
7 1-1/2" COLD WATER FROM ADJACENT POOL ROOM. ROUTE 1-1/2" TO ELECTRIC HOT WATER HEATER. ROUTE 1" HOT WATER OUT TO WASHING MACHING SUPPLY VALVES ON WALL. PROVIDE SHOCK ARRESTOR AT END OF LINE. ROUTE 1" COLD WATER TO WASHING MACHINE SUPPLY VALVES AND SHOCK ARRESTOR
8 1" HOT AND COLD OUT TO WASHING MACHINE VALVES
9 3" DRAIN FROM WASHER. ROUTE TO IN SLAB WASHER TROUGH
10 3" WASHER DRAIN TROUGH - STRIEM TT-3 OR SIMILAR
11 4" SANITARY UNDERSLAB - CONNECT TO EXISTING IN ADJACENT POOL ROOM

KEY PLAN



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Sheet Title

ENLARGED
NATATORIUM
PLANS

Sheet No.

WHS
P612

CONSTRUCTION DOCUMENTS

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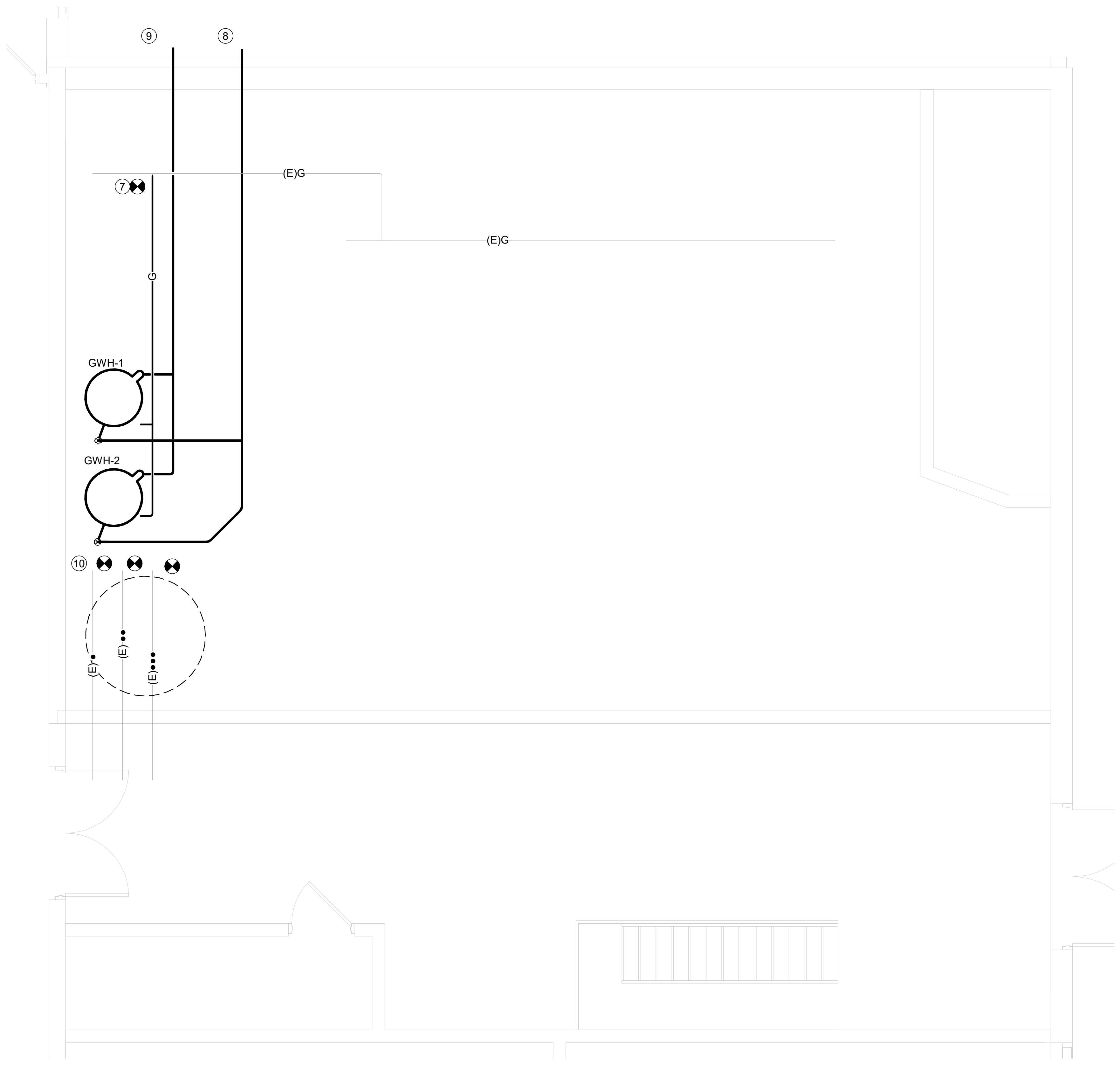
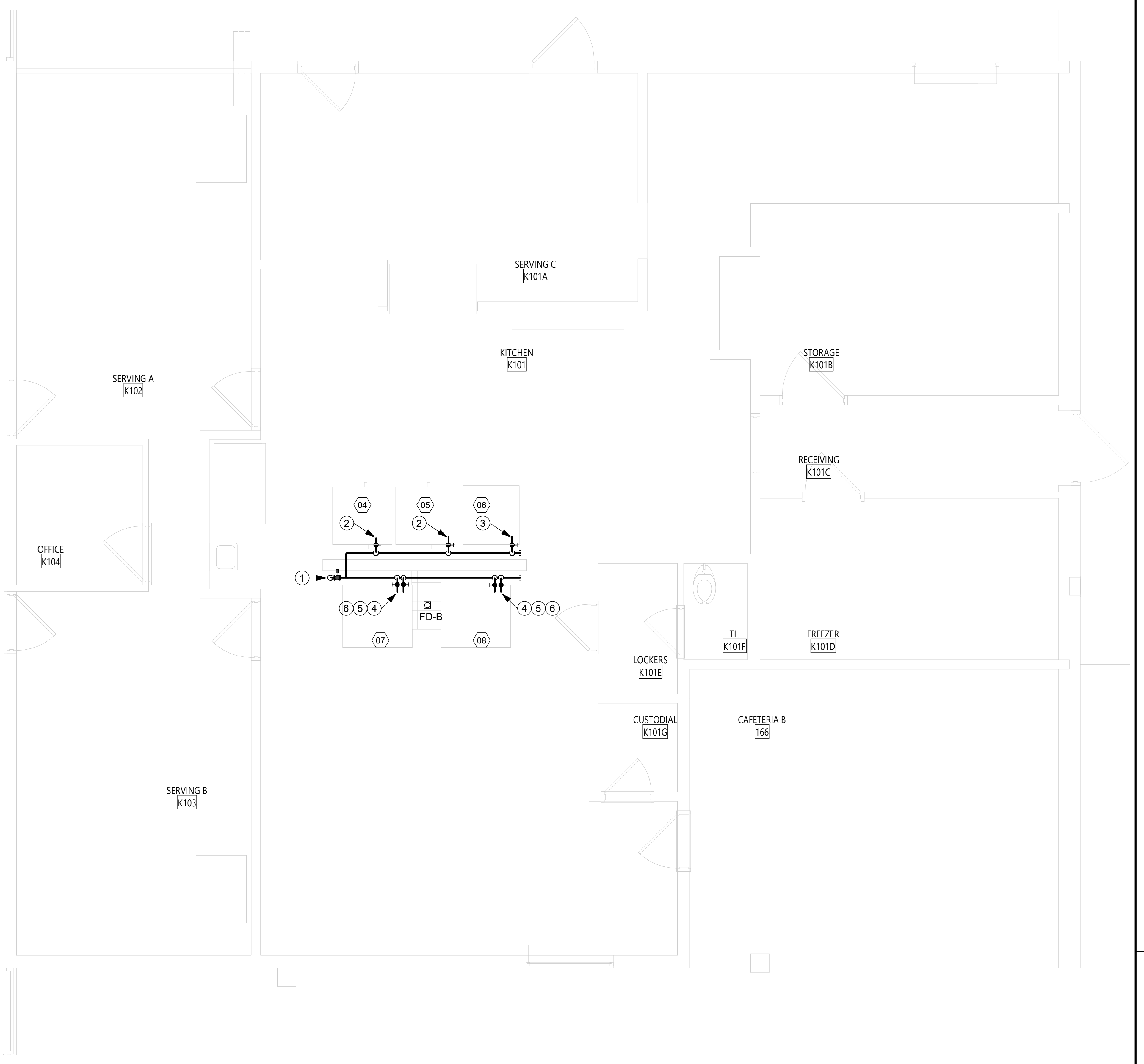


2 BOILER ROOM PLAN
P613
1/4" = 1'-0"



1 KITCHEN ENLARGED PLAN
P613
1/4" = 1'-0"

DRAWING NOTES:

1 1-1/2" NATURAL GAS MAIN FOR KITCHEN EQUIPMENT. PROVIDE SOLENOID VALVE ON SUPPLY MAIN AND COORDINATE SHUT-DOWN WITH FIRE SUPPRESSION ACTIVATION

2 3/4" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO CONVECTION OVEN

3 1-1/4" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO RANGE

4 1/2" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO EACH CONNECTION ON COMBI OVEN. ROUTE DRAIN TUBING FROM EACH COMBI OVEN TO FLOOR DRAIN

5 PROVIDE 3/4" WATER FROM R/O SYSTEM PROVIDED IN CUSTODIAL CLOSET TO EACH CONNECTION ON COMBI OVENS

6 PROVIDE 3/4" UNFILTERED COLD WATER TO EACH CONNECTION ON COMBI OVENS

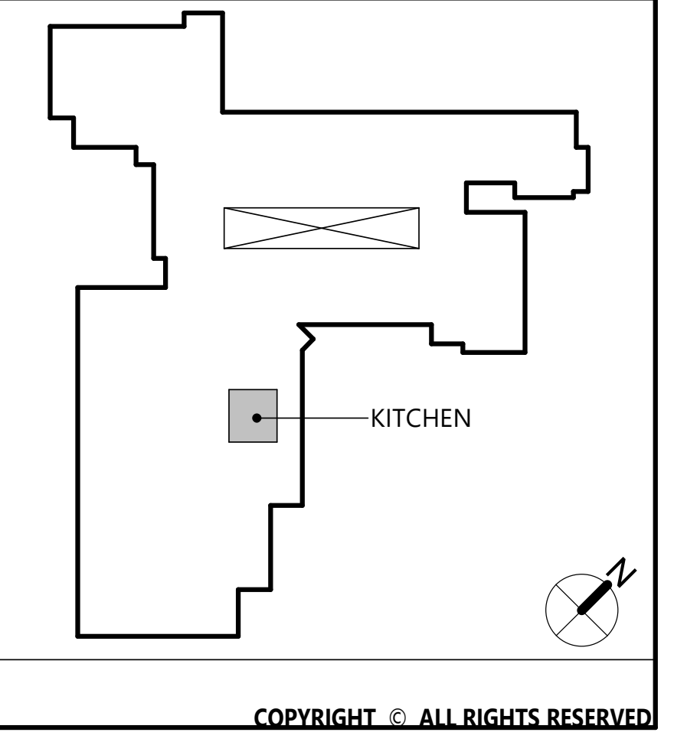
7 1-1/2" NATURAL GAS CONNECT TO EXISTING CONTROL VALVE

8 6" WATER HEATER EXHAUST

9 6" WATER HEATER INTAKE

10 LOCATION OF REMOVED HOT WATGER STORAGE TANK. ALL STEAM LINES TO SUPPLY TANK TO BE CUT AND CAPPED IN BOILER ROOM. NEW HOT WATER HEATERS TO CONNECT TO EXISTING HOT, COLD AND HOT WATER RETURN PIPING. HOT WATER RECIRVULATION PUMPS TO REMAIN.

KEY PLAN



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Sheet Title
ENLARGED
KITCHEN AND
BOILER ROOM
PLANS

Sheet No.
WHS
P613

CONSTRUCTION DOCUMENTS

CONTROLS SYMBOL LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
↑ DI	DIGITAL INPUT (GENERAL)	DSD	DUCT SMOKE DETECTOR
← DO	DIGITAL OUTPUT (GENERAL)	CT	CURRENT TRANSDUCER
↑ AI	ANALOG INPUT (GENERAL)	I/P	ELECTRIC/PNEUMATIC TRANSDUCER
← AO	ANALOG OUTPUT (GENERAL)	I/E	ELECTRONIC/ELECTRIC TRANSDUCER
	THERMOWELL		ELECTRICAL INTERFACE
A	ALARM	S/S	START/STOP
E	ELECTRIC ACTUATOR	O/C	OPEN/CLOSE
FZ	FREEZE-STAT	E/D	ENABLE/DISABLE
H	HUMIDIFIER		HARD WIRE INTERFACE
R	RELAY	I	ELECTRONIC INTERFACE
S	STATUS		PNEUMATIC CONTROL VALVE (3-WAY)
M	FLOW METER		PNEUMATIC CONTROL VALVE (2-WAY)
BTU	BTU ENERGY METER	E	ELECTRIC/ELECTRONIC CONTROL VALVE (3-WAY)
	AIR FLOW MEASURING STATION	E	ELECTRIC/ELECTRONIC CONTROL VALVE (2-WAY)
	AVERAGING SENSOR	S	SOLENOID VALVE
H	HUMIDITY SENSOR (DUCT MOUNTED)		THERMOSTATIC EXPANSION VALVE
S	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		AUTOMATIC AIR DAMPER (PARALLEL BLADE)
CO 2	CARBON DIOXIDE SENSOR (DUCT MOUNTED)		AUTOMATIC AIR DAMPER (OPPOSED BLADE)
S	SPACE TEMPERATURE SENSOR (WALL MOUNTED)		PNEUMATIC ACTUATOR
H	SPACE HUMIDITY SENSOR (WALL MOUNTED)	M	MAIN TEMPERATURE CONTROL AIR SOURCE
C	CARBON DIOXIDE ROOM SENSOR (WALL MOUNTED)	EA	EXHAUST AIR
CO	CARBON MONOXIDE ROOM SENSOR (WALL MOUNTED)	OA	OUTSIDE AIR
N	NITROGEN DIOXIDE ROOM SENSOR (WALL MOUNTED)	RA	RETURN AIR
T	PNEUMATIC THERMOSTAT	SA	SUPPLY AIR
T E	LINE VOLTAGE THERMOSTAT	SF	SUPPLY FAN
OS	OCCUPANCY SENSOR	SC	SMOKE CONTROL FAN
M	MOISTURE SENSOR	RF	RETURN AIR FAN
	PROBE SENSOR	EF	EXHAUST AIR FAN
FS	FLOW SENSOR/SWITCH		FILTER
ES	END SWITCH		BASE MOUNTED PUMP
S M	MANUAL SWITCH		IN LINE PUMP
△P	DIFFERENTIAL STATIC PRESSURE SWITCH	ASD	ADJUSTABLE SPEED DRIVE
△P	DIFFERENTIAL STATIC PRESSURE SENSOR	C/C	COOLING COIL
E/P	ELECTRIC/PNEUMATIC SWITCH OR RELAY	H/C	HEATING COIL
P/E	PNEUMATIC/ELECTRIC SWITCH OR RELAY	H/P	HEAT PUMP COIL
F	FLOW TRANSMITTER TRANSDUCER	R134a →	REFRIGERANT R134a SENSOR (WALL MOUNTED)
P	PRESSURE SENSOR		

HVAC SYMBOL LIST

SYMBOL	DESCRIPTION
	EXISTING WORK TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION
X	DRAWING KEYNOTE
X	DEMOLITION KEYNOTE
MBH	THOUSAND BTU/HOUR
NTS	NOT TO SCALE
(E)	EXISTING
(L)	ACOUSTIC THERMAL LINING - 1-1/2" THICK
(2L)	ACOUSTIC THERMAL LINING - 2" THICK
(DBL)	DOUBLE WALL LINED DUCT
FPM	FEET PER MINUTE
CFM	CUBIC FEET PER MINUTE
OBVD	OPPOSED BLADE VOLUME DAMPER
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
W/W	WALL TO WALL
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
	FLEXIBLE DUCTWORK
AxB FO	DUCT SECTION - FLAT OVAL (FO)
12"	ROUND DUCT - IN INCHES
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN
A B	WIDTH A x DEPTH B
	TRANSITION SQUARE TO ROUND
R	RISE IN DUCT - IN DIRECTION OF AIRFLOW
D	DROP IN DUCT - IN DIRECTION OF AIRFLOW
DN 24x12 UP	SUPPLY DUCT TURNING UP OR DOWN
DN 24x12 UP	RETURN DUCT TURNING UP OR DOWN
24x12 6" BOOT TAP 14x8	SUPPLY/RETURN RECTANGULAR MAIN RECTANGULAR BRANCH
24x12 6" BOOT TAP 14"	SUPPLY/RETURN RECTANGULAR MAIN ROUND BRANCH
18" CONICAL TEE 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
18" LATERAL 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
	MITERED ELBOW WITH TURNING VANES
	SUPPLY DIFFUSER, REGISTER OR GRILLE
	RETURN REGISTER
	EXHAUST GRILLE
	FIN TUBE RADIATION
	VALANCE
A B C	REGISTER, GRILLE OR DIFFUSER TAG A = TYPE B = NECK SIZE C = CFM
A B C D	LINEAR DIFFUSER TAG A = TYPE B = NECK SIZE C = DIFFUSER LENGTH D = CFM
FT-A B C D	FIN TUBE RADIATION TAG FT-A = TYPE B = FIN TUBE LENGTH C = ENCLOSURE LENGTH D = GPM
A B C	RADIANT CEILING PANEL TAG A = TYPE B = LENGTH C = GPM
A B C D	VALANCE TAG A = TYPE B = COIL SIZE C = COOLING GPM D = HEATING GPM
	AIR TERMINAL UNIT AND TAG (OPTION 1)
A B C	AIR TERMINAL UNIT TAG (OPTION 2) A = UNIT NO. B = MAXIMUM CFM C = MINIMUM CFM

SYMBOL	DESCRIPTION
A	COMPRESSED AIR
V	VENT
BBD	BOILER BLOW DOWN
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
D	DRAIN
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FOV	FUEL OIL TANK VENT
G	GAS
DTS	DUAL TEMPERATURE SUPPLY
DTR	DUAL TEMPERATURE RETURN
HPWS	HEAT PUMP WATER SUPPLY
HPWR	HEAT PUMP WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LPS	LOW PRESSURE STEAM
LPC	LOW PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HPC	HIGH PRESSURE CONDENSATE
PC	PUMPED CONDENSATE
RD	REFRIGERANT DISCHARGE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HG	HOT GAS
VAC	VACUUM
CW	DOMESTIC COLD WATER
TD	TRIPLE DUTY VALVE
	GLOBE VALVE
	BALL VALVE
	GATE VALVE
	CONTROL VALVE
	THREE WAY CONTROL VALVE
	CHECK VALVE
	BALANCING VALVE
	BUTTERFLY VALVE
	RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
	PRESSURE/TEMPERATURE TEST PLUG
	SINGLE LINE PIPE CONTINUED
	DOUBLE LINE PIPE OR ROUND DUCT CONTINUED
	DOUBLE LINE RECTANGULAR DUCT CONTINUED
	AIR FLOW
	PIPE ANCHOR
	PIPE GUIDE
	EXPANSION COMPENSATOR WITH GUIDES
	PRE-FAB EXPANSION LOOP
	STRAINER
	PRESSURE GAUGE
	THERMOMETER
	UNION
V	AIR VENT
■ TT	THERMOSTATIC TRAP
■ FT	FLOAT & THERMOSTATIC TRAP
■ TD	THERMODYNAMIC TRAP
■ BT	BUCKET TRAP
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	BOTTOM TAP
AAD	AUTOMATIC AIR DAMPER
FD	FIRE DAMPER
SD	SMOKE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
BDD	BACK DRAFT DAMPER
FC	FLEX CONNECTOR - DUCTWORK
MD	MOTORIZED DAMPER
BG	BLAST GATE
	VOLUME DAMPER
SD	SUCTION DIFFUSER
	FLEXIBLE CONNECTOR - PIPING
	DRAIN VALVE WITH HOSE CONNECTION, CAP AND CHAIN
FS	WATER FLOW SENSOR
TS	WATER TEMPERATURE SENSOR
SP	STATIC PRESSURE SENSOR
H	HUMIDISTAT
S	TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
CO	CARBON MONOXIDE SENSOR
N	NITROGEN DIOXIDE SENSOR
G	GAS SENSOR
T T E	PNEUMATIC/ELECTRIC THERMOSTAT
T G S G	THERMOSTAT/SENSOR WITH GUARD
DSD	DUCT SMOKE DETECTOR
OED	OPEN ENDED DUCT

GENERAL NOTES

(APPLIES TO ALL SHEETS)

A. ALL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL RISES, DROPS, OFFSETS, AND/OR ROUTING TO AVOID OBSTRUCTIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK AND ANY ADDITIONAL MATERIAL QUANTITIES REQUIRED BASED ON FIELD CONDITIONS. REFER TO ARCHITECTURAL/STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF BUILDING STRUCTURAL ELEMENTS.

B. THE EXTENT OF REMOVALS AND EXISTING CONDITIONS INDICATED IS BASED ON INFORMATION PROVIDED BY THE OWNER, SITE DOCUMENTS AVAILABLE AT TIME OF DESIGN, AND FIELD OBSERVATIONS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE INDICATED WITHIN THESE DRAWINGS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, OWNER'S REPRESENTATIVE, AND ENGINEER IN WRITING AS SOON AS DISCREPANCIES ARE DISCOVERED.

C. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROTECTED DURING REMOVAL AND NEW WORK CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PATCH AND/OR REPAIR (SUBSTRATE AND FINISHED SURFACES) ANY BUILDING ELEMENTS AFFECTED BY THEIR RESPECTIVE WORK. ANY EXISTING BUILDING SYSTEMS (EQUIPMENT, DUCTWORK, PIPING, CONTROLS, ACCESSORIES, ETC.) WHICH ARE DAMAGED SHALL BE REPAIRED AND/OR REPLACED WITH LIKE MATERIALS AT NO ADDITIONAL COST TO THE OWNER.

D. ALL TAGGING OF EQUIPMENT WITHIN THIS DRAWING SET SHALL BE USED FOR THE PURPOSE OF IDENTIFYING EQUIPMENT AND ELEMENTS WITHIN THESE DOCUMENTS. COORDINATE WITH THE SITE FACILITIES STAFF AND FOLLOW ANY EXISTING SITE LABELLING NOMENCLATURE FOR EQUIPMENT IDENTIFICATION. THOSE SHALL BE USED FOR THE FINAL PHYSICAL TAGGING OF EQUIPMENT IN CONSTRUCTION. PROVIDE A SCHEDULE FOR ALL EQUIPMENT WITHIN THE SCOPE OF WORK WITH BOTH THE DESIGN TAG AS SHOWN WITHIN THESE PLANS, AND THE TAG TO BE USED IN CONSTRUCTION TO THE ENGINEER AND ARCHITECT FOR REVIEW.

E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL SHUTDOWNS OF EFFECTED SYSTEMS, AND/OR INTERRUPTION OF UTILITIES SERVICE WITH THE OWNER'S REPRESENTATIVE AND GC FOR REMOVALS WORK AND NEW TIE INS AS NECESSARY. THE CONTRACTOR SHALL ASSIST THE OWNER'S FACILITY PERSONNEL IN SHUTTING DOWN, DRAINING, VENTING, ETC. OF THE SYSTEMS TO FACILITATE THE INTENDED WORK AS REQUIRED.

F. THE REMOVALS DRAWINGS SHOW GENERAL REMOVALS SCOPE. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING/DUCT, PIPING/DUCT ACCESSORIES, SUPPORTS, HANGERS, RACKS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, ETC. TO BE DISCONNECTED AND REMOVED BUT IS THE REQUIREMENT UNDER THIS CONTRACT TO REMOVE ALL SUCH MISCELLANEOUS ITEMS.

G. ANY CONTRACTOR REMOVING OR MODIFYING EQUIPMENT OR MATERIALS SUSPECTED TO BE CONTAINING, OR COVERED IN ASBESTOS SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY AND STOP REMOVAL. REFER TO HAZARDOUS MATERIAL TEST REPORTS AND DRAWINGS, IF APPLICABLE.

H. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF ALL REMOVALS DEBRIS AND MATERIALS OFF SITE IN A PROPER LEGAL MANNER.

I. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW THE OWNER FIRST RIGHT OF REFUSAL TO RETAIN ANY EQUIPMENT OR CONTROL DEVICES TO BE REMOVED. IF THE OWNER REFUSES TO RETAIN THE EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EQUIPMENT AND DISPOSE OF PROPERLY AS NOTED ABOVE. IF THE OWNER DESIRES TO RETAIN THE EQUIPMENT, THE CONTRACTOR SHALL REMOVE THE EQUIPMENT FROM THE EXISTING SYSTEMS IN GOOD WORKING CONDITION AND DELIVER (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS OF THE EQUIPMENT.

J. IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL RESULTING PENETRATIONS THROUGH FLOORS AND WALLS AFTER REMOVALS TO MATCH SURROUNDING CONDITIONS. ANY RESULTING PENETRATIONS WITHIN FIRE-RATED CONSTRUCTION AS PART OF THIS CONTRACT SHALL BE PACKED WITH APPROVED FIRE-RATED PACKING. FINAL PATCHING AND PACKING SHALL BE PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS.

K. ANY NEW PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE COORDINATED WITH THE GC . ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE/SMOKE STOPPED PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS. ALL PENETRATIONS THROUGH NON-RATED WALLS SHALL BE SEALED WITH A NON-HARDENING SEALANT ON BOTH SIDES OF WALL PENETRATION TO REDUCE NOISE TRANSMISSION.

L. REFER TO MECHANICAL DETAILS SHEET(S) WHETHER THEY ARE SPECIFICALLY REFERENCED ON PLANS OR NOT.

M. INSTALL ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S RECOMMENDATIONS. MECHANICAL SYSTEMS INSTALLATIONS SHALL MEET ALL APPLICABLE STATE AND LOCAL CODES.

N. COORDINATE ALL EQUIPMENT LOCATIONS, CONCEALMENT, AND SURFACE FINISH TREATMENTS CAREFULLY WITH WORK OF ALL TRADES. IN ANY CASE OF DISCREPANCY BETWEEN THE PLANS, OR IN ANY CASE WHERE SUCH ISSUES REQUIRE CLARIFICATION, NOTIFY THE ENGINEER IN WRITING.

O. ALL SURFACE MOUNTED EQUIPMENT SHALL BE FASTENED WITH ANCHORS OR FASTENERS AS SPECIFIED BY THE EQUIPMENT MANUFACTURER FOR THE SUBSTRATE BEING MOUNTED TO.

P. ALL INSTALLATIONS SHALL MAINTAIN SERVICE ACCESS AND COIL PULL CLEARANCES AS REQUIRED BY MANUFACTURER'S RECOMMENDATIONS FOR ALL NEW EQUIPMENT AND ADJACENT EXISTING EQUIPMENT. CONFIRM LOCATIONS AND SERVICEABILITY PRIOR TO EQUIPMENT/MATERIAL ORDER.

Q. FOR ELECTRICAL POWER CONNECTION REMOVALS, REFER TO THE ELECTRICAL REMOVALS DRAWINGS AND COORDINATE WITH THE EC.

R. VERIFY THAT ALL FURNISHED EQUIPMENT UNDER THIS CONTRACT MATCHES AVAILABLE FIELD VOLTAGE. COORDINATE WITH THE EC FOR REQUIREMENTS PRIOR TO EQUIPMENT ORDER.

S. COORDINATE WITH GC TO PROVIDE ACCESS DOORS FOR ANY EQUIPMENT OR APPURTENANCES LOCATED IN NON-ACCESSIBLE CEILINGS, SHAFTS, OR OTHER LOCATIONS INCLUDING BUT NOT LIMITED TO: MANUAL VOLUME DAMPERS, MOTORIZED DAMPERS, FIRE DAMPERS, FIRE/SMOKE DAMPERS, SMOKE DAMPERS, DUCTWORK COILS, AND VALVES.

T. COORDINATE DUCTWORK AND PIPING INSTALLATIONS WITH WORK OF OTHER TRADES TO ENSURE ALL DUCTWORK AND PIPING IS CONCEALED AND IS LOCATED TO ALLOW INSTALLATION AND SERVICE CLEARANCE FOR LIGHT FIXTURES, PIPING ACCESSORIES, AND OTHER TRADE ELEMENTS.

U. ALL DUCTWORK AND PIPING SIZES INDICATED ARE MINIMUM SIZES. LARGER SIZES MAY BE INSTALLED BY THE CONTRACTOR IN ALL CASES UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR SHALL INFORM ENGINEER OF ANY AND ALL SIZE/ASPECT RATIO CHANGES IN WRITING ALONG WITH THE SHOP DRAWINGS SUBMITTED FOR FINAL ENGINEERING APPROVAL.

V. TEMPERATURE CONTROL EQUIPMENT, ACCESSORIES, WIRING, AND/OR CONDUIT THAT WILL NO LONGER BE UTILIZED FOR THE OPERATION OF THE BUILDING SYSTEMS SHALL BE REMOVED. NO EQUIPMENT, ACCESSORIES, WIRING, OR CONDUIT SHALL BE ABANDONED IN PLACE.

W. BEFORE DISCONNECTING POWER AND/OR COMMUNICATIONS OF DDC HARDWARE IN THE FIELD, ALL DDC DEVICES TO BE REMOVED SHALL BE CLEARED OF ALARMS, GRAPHICS, TRENDS, UNBUNDLED POINTS, PROGRAMS, USER GROUPS, EVENT/SCHEDULES, REPORTS, SYSTEM PROFILES, ETC.

X. THERMOSTATS AND SPACE SENSORS ARE TO BE LOCATED AS SHOWN ON PLANS. MOUNT AT HEIGHT SUCH THAT THE TOP OF COVER IS 48" ABOVE FINISHED FLOOR. IF SITE CONDITIONS REQUIRE, OR THE OWNER OR ARCHITECT SPECIFICALLY REQUESTS A DIFFERENT LOCATION, IT SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING FOR REVIEW.

Y. RESULTING OPENINGS FROM DUCT TAPS SHOWN TO BE REMOVED FROM A DUCT MAIN ARE TO BE SEALED AIRTIGHT WITH LIKE MATERIALS TO THE EXISTING DUCTWORK. ADDITIONALLY, IF SURROUNDING DUCTWORK IS INSULATED, THE CONTRACTOR SHALL INSULATE THE DUCT PATCH TO MATCH SURROUNDING INSULATION PROPERTIES.

Z. ALL SQUARE ELBOWS SHALL BE VANED, EXCEPT AS INDICATED ON PLANS.

AA. PROVIDE MANUAL VOLUME DAMPERS FOR ALL DUCT BRANCHES SERVING SUPPLY AIR DIFFUSERS/GRILLES, RETURN AIR GRILLES, AND EXHAUST AIR GRILLES NOT PROVIDED WITH OPPOSED BLADE BALANCING DAMPERS.

BB. ALL MANUAL VOLUME DAMPERS LOCATED WITHIN INSULATED DUCTWORK SHALL BE INSTALLED WITH A SHAFT EXTENSION THAT EXCEEDS THE THICKNESS OF ASSOCIATED DUCT INSULATION.

CC. COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH LIGHTING, FIRE DETECTION, SPRINKLER, AND CEILING INSTALLERS. COORDINATE EXACT DIFFUSER AND GRILLE LOCATIONS TO MATCH ARCHITECTURAL REQUIREMENTS FOR CEILING SPACING AND CENTERING AS APPLICABLE.

DD. COORDINATE LOUVER, DIFFUSER, AND GRILLE FRAME TYPES TO MATE AND MATCH ADJACENT WALL AND/OR CEILING CONSTRUCTION.

EE. UNLESS OTHERWISE NOTED, PROVIDE DRAINS AT ANY LOW POINTS OF PIPING SYSTEMS. DRAINS SHALL BE CONSTRUCTED WITH 3/4" BALL VALVE WITH HOSE CONNECTION AND END CAP.

FF. UNLESS OTHERWISE NOTED, PROVIDE VENTS AT ANY HIGH POINTS OF PIPING SYSTEMS. VENTS SHALL BE CONSTRUCTED WITH 1/2" BALL VALVE WITH HOSE CONNECTION AND END CAP.

GG. DO NOT SCALE DRAWINGS.

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Consultant

M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	DAH
Checked By:	MDR
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

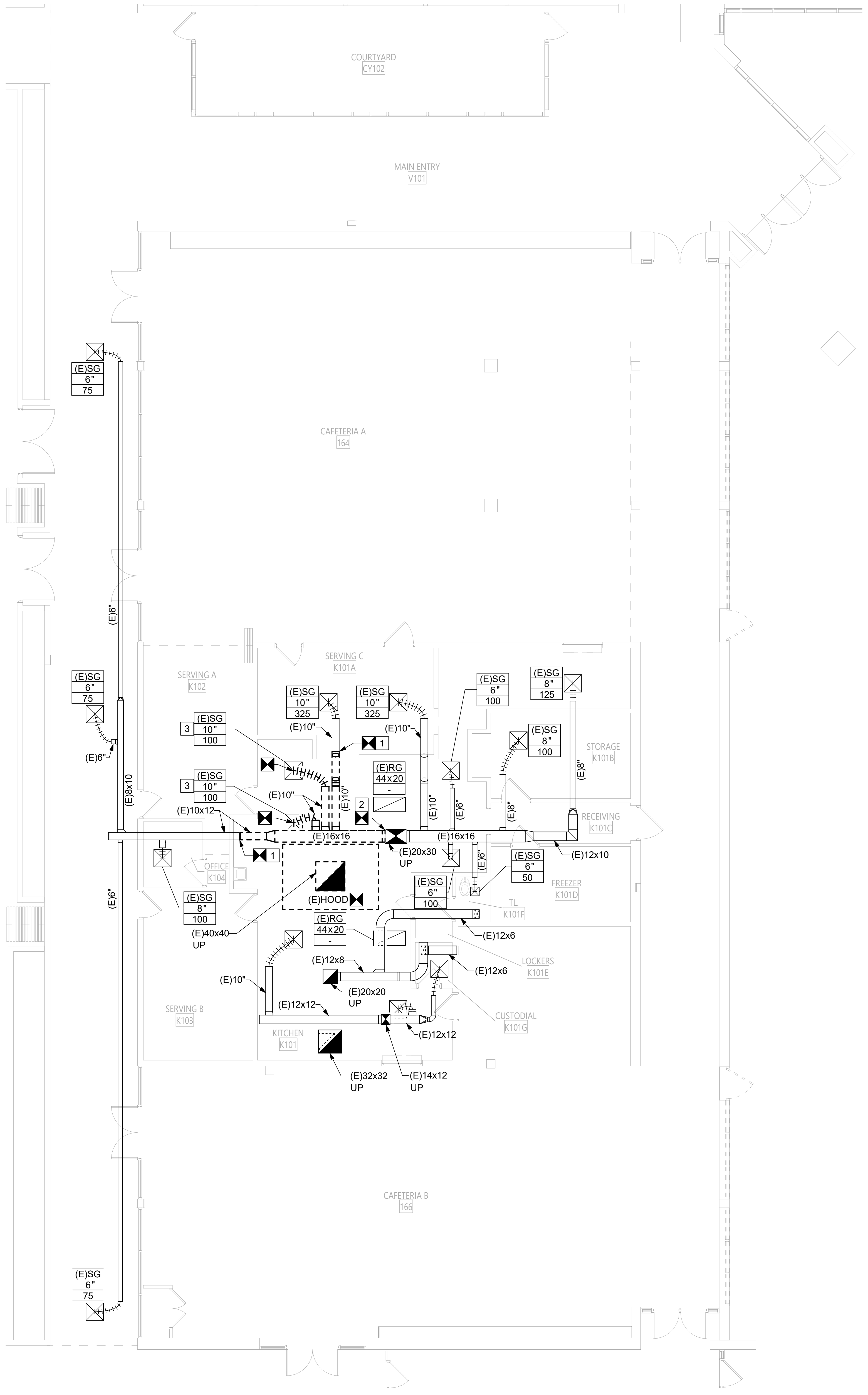
MECHANICAL SYMBOLS LIST AND GENERAL NOTES

Sheet No.

WHS
M001

CONSTRUCTION DOCUMENTS

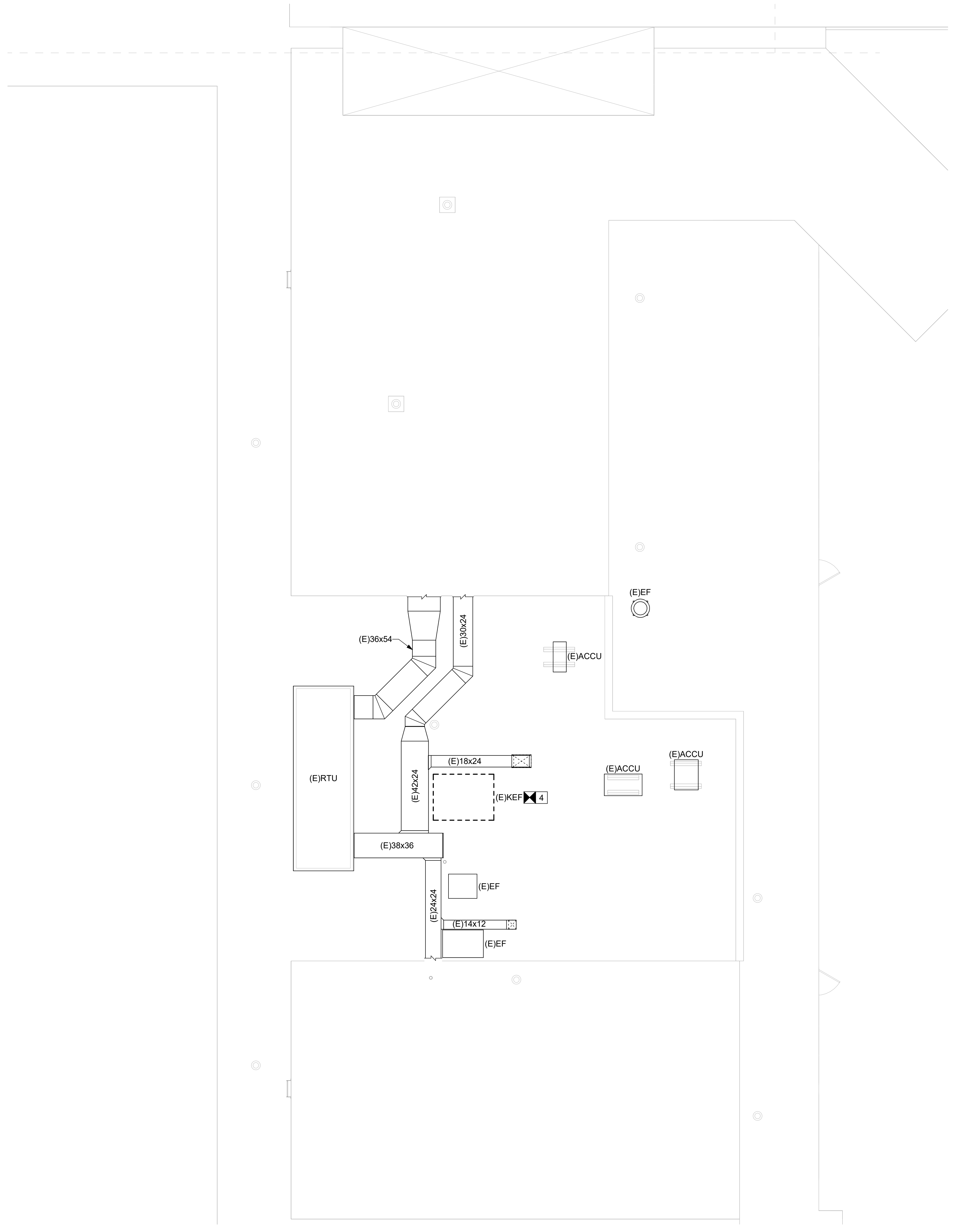
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt



1 GROUND LEVEL AREA F KITCHEN MECHANICAL REMOVALS PLAN

MD100 1/8" = 1'-0"

0' 4' 8' 16'



2 PARTIAL AREA F ROOF MECHANICAL REMOVALS PLAN

MD100 1/8" = 1'-0"

0' 4' 8' 16'

☒ DEMOLITION NOTES:

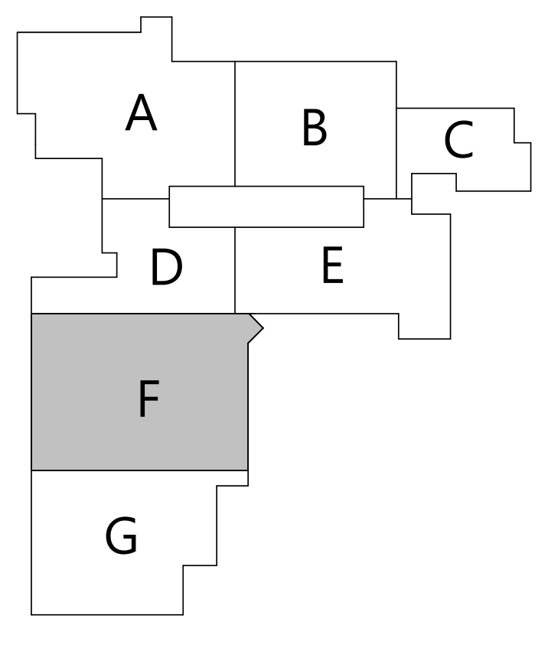
1 DISCONNECT AND REMOVE EXISTING DUCTWORK BACK TO THE INDICATED LOCATION AS SHOWN. PREPARE REMAINING OPENING FOR RECONNECTION DURING NEW WORK PHASE.

2 DISCONNECT AND REMOVE EXISTING DUCTWORK BACK TO THE INDICATED LOCATION AS SHOWN. PATCH AND SEAL THE REMAINING OPENING AIR TIGHT. INSULATE PER THE SPECIFICATIONS.

3 EXISTING SUPPLY GRILLE SHALL REMAIN. PREPARE FOR CONNECTION TO NEW DUCTWORK DURING THE NEW WORK PHASE.

4 DISCONNECT AND REMOVE EXISTING KITCHEN EXHAUST FAN. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE FAN, ALL DUCTWORK, CONTROLS, CONTROL WIRING AND ALL ASSOCIATED APPURTENANCES.

KEY PLAN



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M/E Project #: 243033

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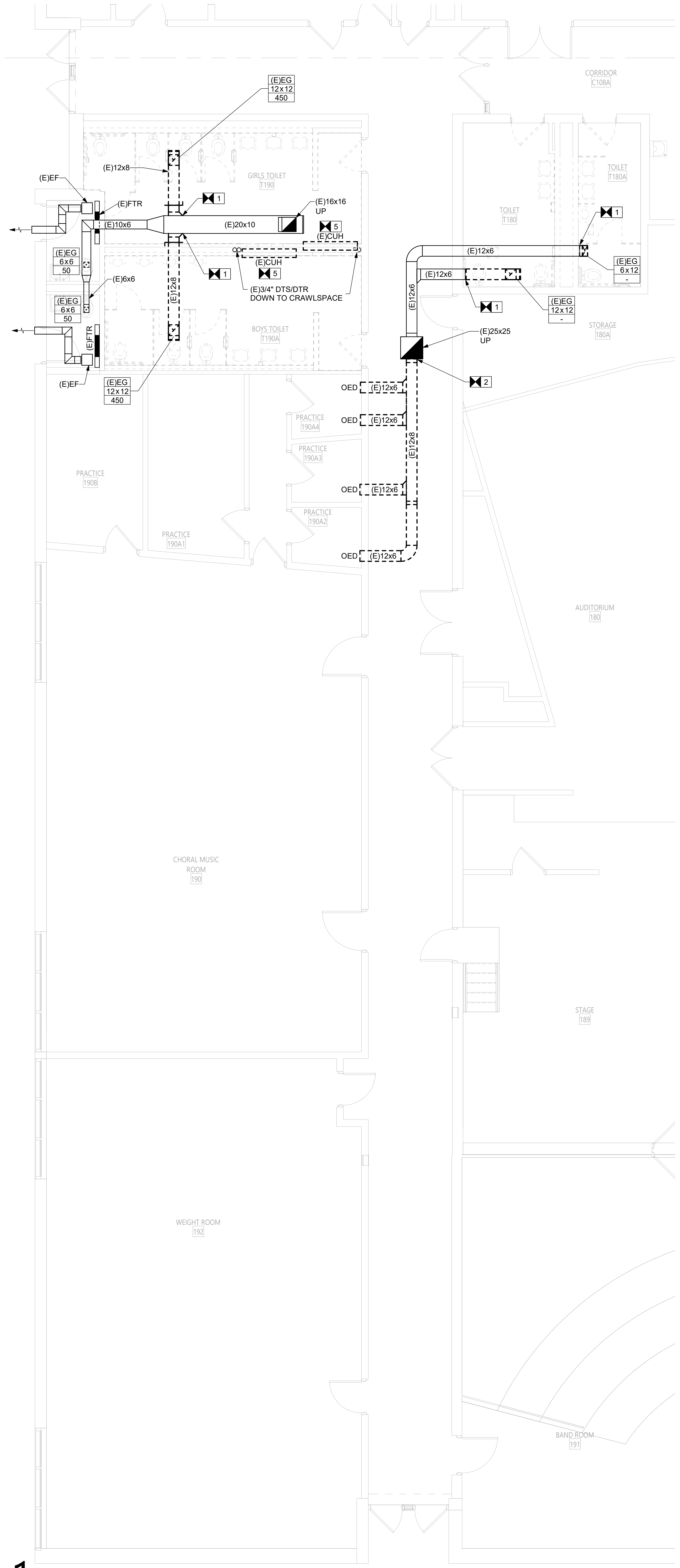
Sheet Title

AREA F
KITCHEN
MECHANICAL
REMOVALS
PLAN

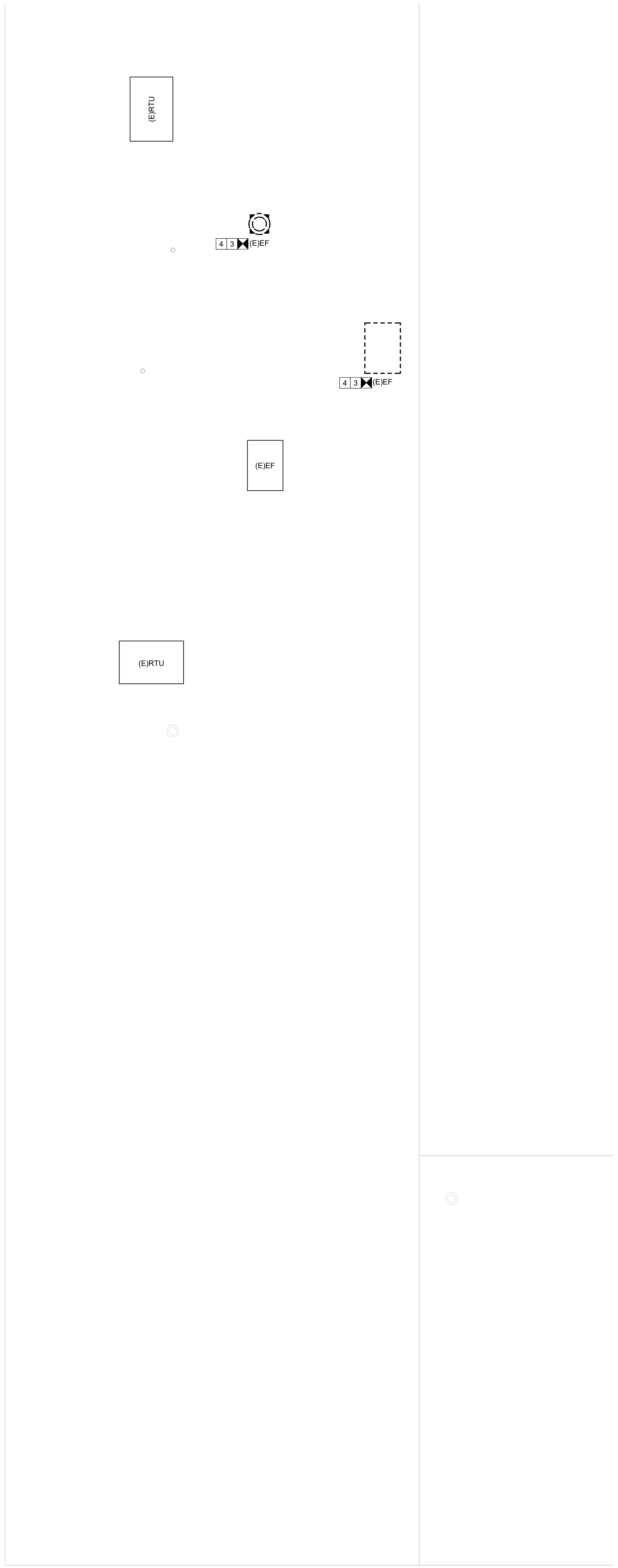
Sheet No.

WHS
MD100

CONSTRUCTION DOCUMENTS



1
MD101
GROUND LEVEL TOILET ROOM MECHANICAL REMOVALS PLAN
3/16" = 1'-0"



2
MD101
ROOF TOILET ROOM MECHANICAL REMOVALS PLAN
3/16" = 1'-0"

☒ DEMOLITION NOTES:

1 DISCONNECT AND REMOVE EXISTING DUCTWORK BACK TO THE INDICATED LOCATION AS SHOWN. PREPARE REMAINING OPENING FOR RECONNECTION DURING NEW WORK PHASE.

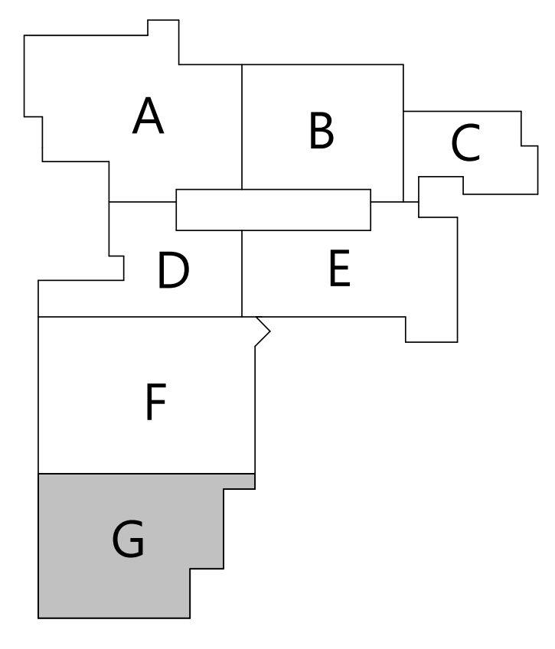
2 DISCONNECT AND REMOVE EXISTING DUCTWORK BACK TO THE INDICATED LOCATION AS SHOWN. PATCH AND SEAL REMAINING OPENING AIR TIGHT.

3 DISCONNECT AND REMOVE EXISTING EXHAUST FAN. CUT BACK EXISTING EXHAUST RISER AS NECESSARY TO MAKE CONNECTION TO NEW FAN. PREPARE CURB FOR CONNECTION TO NEW FAN DURING NEW WORK PHASE. USE CURB ADAPTER AS NECESSARY TO MOUNT NEW FAN ON EXISTING CURB.

4 DISCONNECT EXISTING TO REMAIN CONTROLS AND SET ASIDE FOR RECONNECTION TO NEW EXHAUST FAN. COORDINATE WITH EC FOR DISCONNECT.

5 DISCONNECT AND REMOVE EXISTING CONVECTOR. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE CONVECTOR, TEMPERATURE CONTROLS, CONTROLS, CONTROL WIRING AND ALL ASSOCIATED APPURTENANCES. CUT PIPING BACK FROM UNIT AND PREPARE REMAINING OPEN ENDS FOR CONNECTION DURING NEW WORK PHASE.

KEY PLAN



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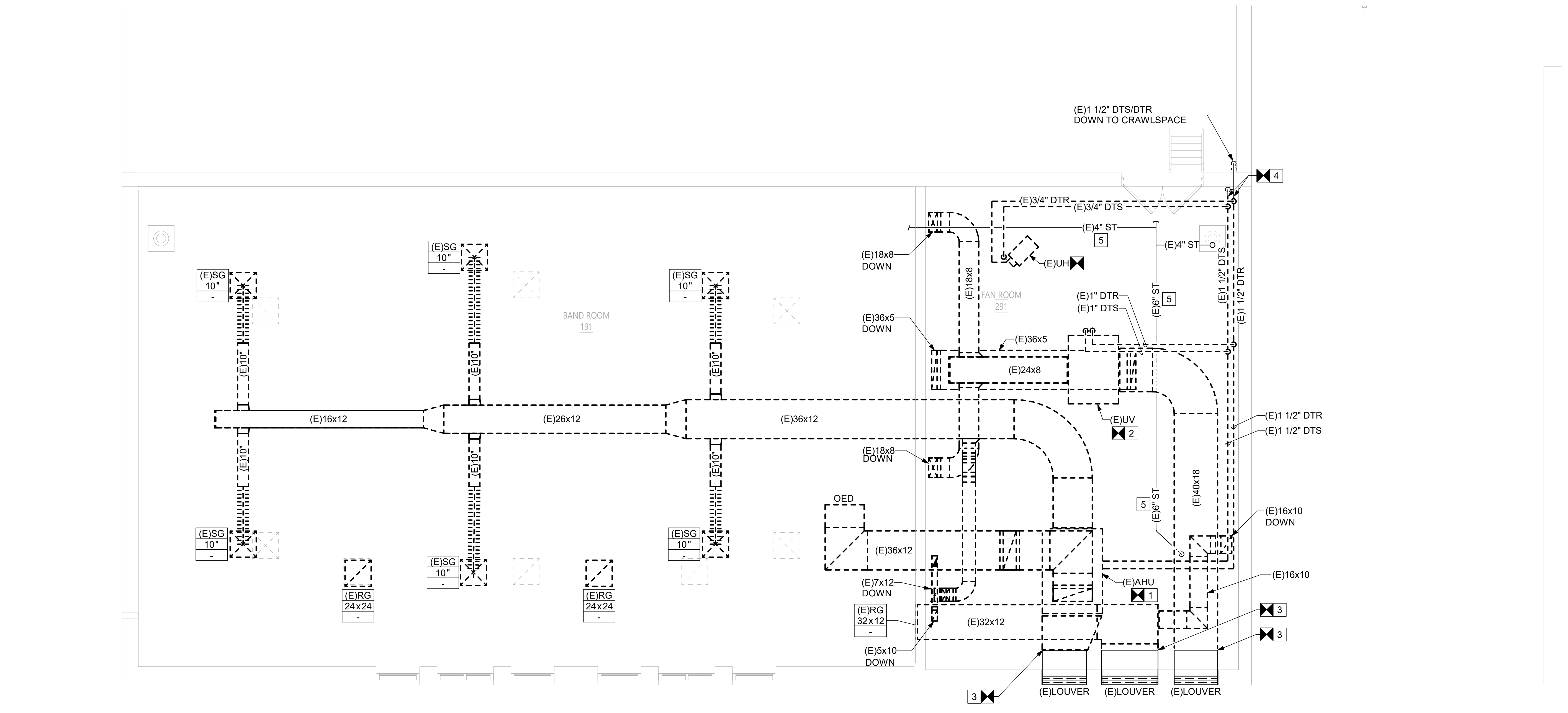
Sheet Title
AREA G TOILET ROOM MECHANICAL REMOVALS PLAN

Sheet No.
WHS
MD101

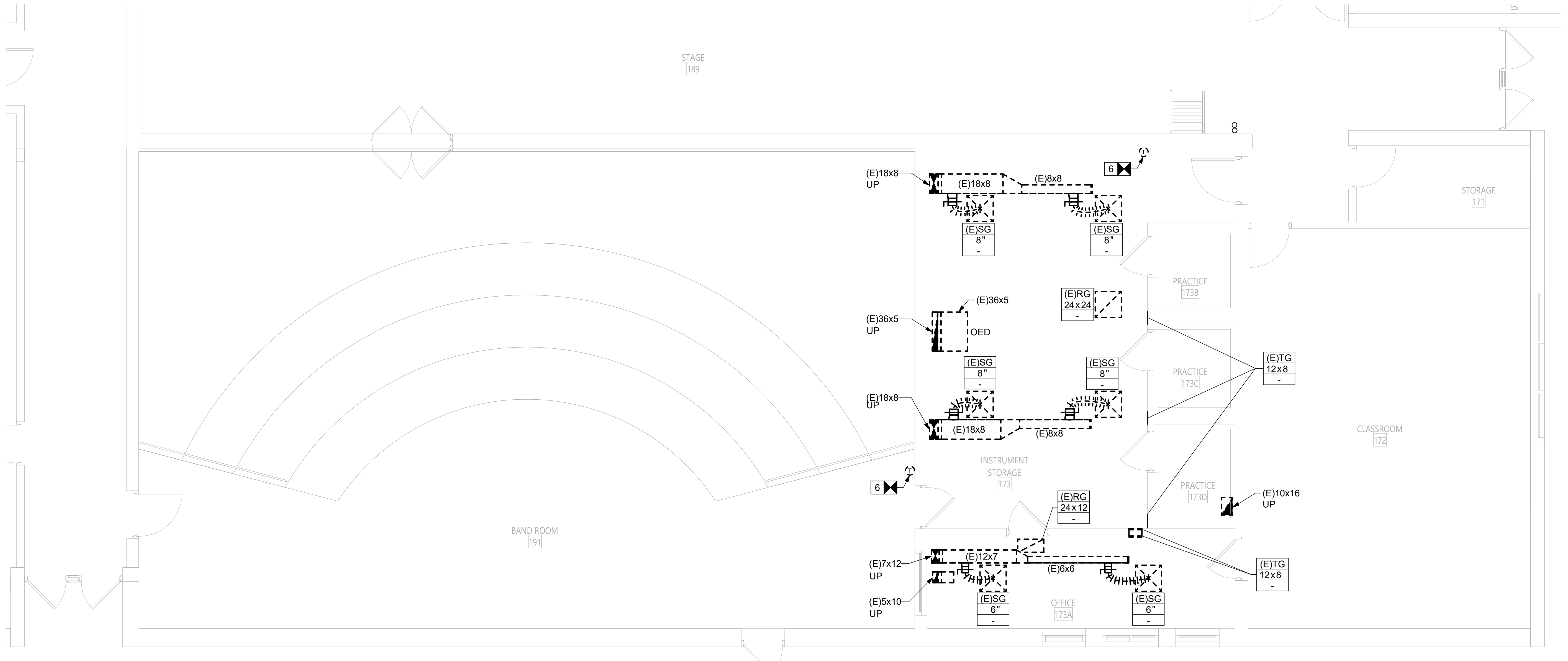
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt



2 SECOND FLOOR BAND ROOM MECHANICAL REMOVALS PLAN

MD102 3/16" = 1'-0"



1 GROUND LEVEL BAND ROOM MECHANICAL REMOVALS PLAN

MD102 3/16" = 1'-0"

☒ DEMOLITION NOTES:

1 DISCONNECT AND REMOVE AIR HANDLING UNIT (AHU). REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE AHU, DUCTWORK, HANGERS, SUPPORTS, DAMPERS, CONTROLS, CONTROL WIRING, AND ANY OTHER ASSOCIATED APPURTENANCES.

2 DISCONNECT AND REMOVE UNIT VENTILATOR (UV). REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE UV, DUCTWORK, HANGERS, SUPPORTS, DAMPERS, CONTROLS, CONTROL WIRING, AND ANY OTHER ASSOCIATED APPURTENANCES.

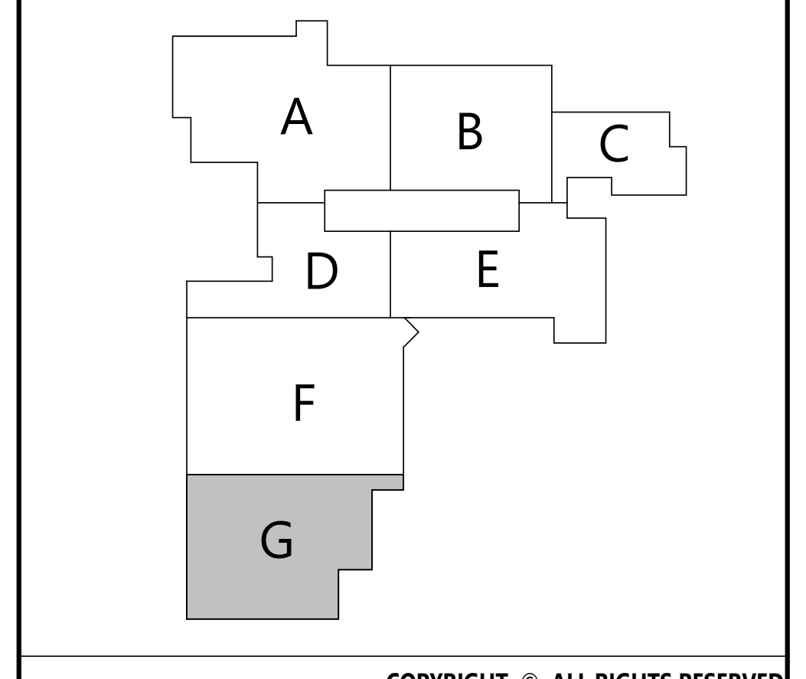
3 EXISTING LOUVER SHALL REMAIN. CUT DUCTWORK BACK TO THE INDICATED POINT AS SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON SEALING/INSULATING THE REMAINING OPENING.

4 DISCONNECT AND REMOVE EXISTING PIPING BACK TO THE INDICATED LOCATION AS SHOWN. PREPARE PIPING FOR CONNECTION DURING NEW WORK PHASE AND PROVIDE TEMPORARY CAPS AS REQUIRED.

5 EXISTING STORM PIPING SHOWN FOR REFERENCE AND COORDINATION PURPOSES ONLY.

6 REMOVE EXISTING ZONE THERMOSTAT AND ALL ASSOCIATED WIRING.

KEY PLAN



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www.meengineering.com
M/E Project #: 243033

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

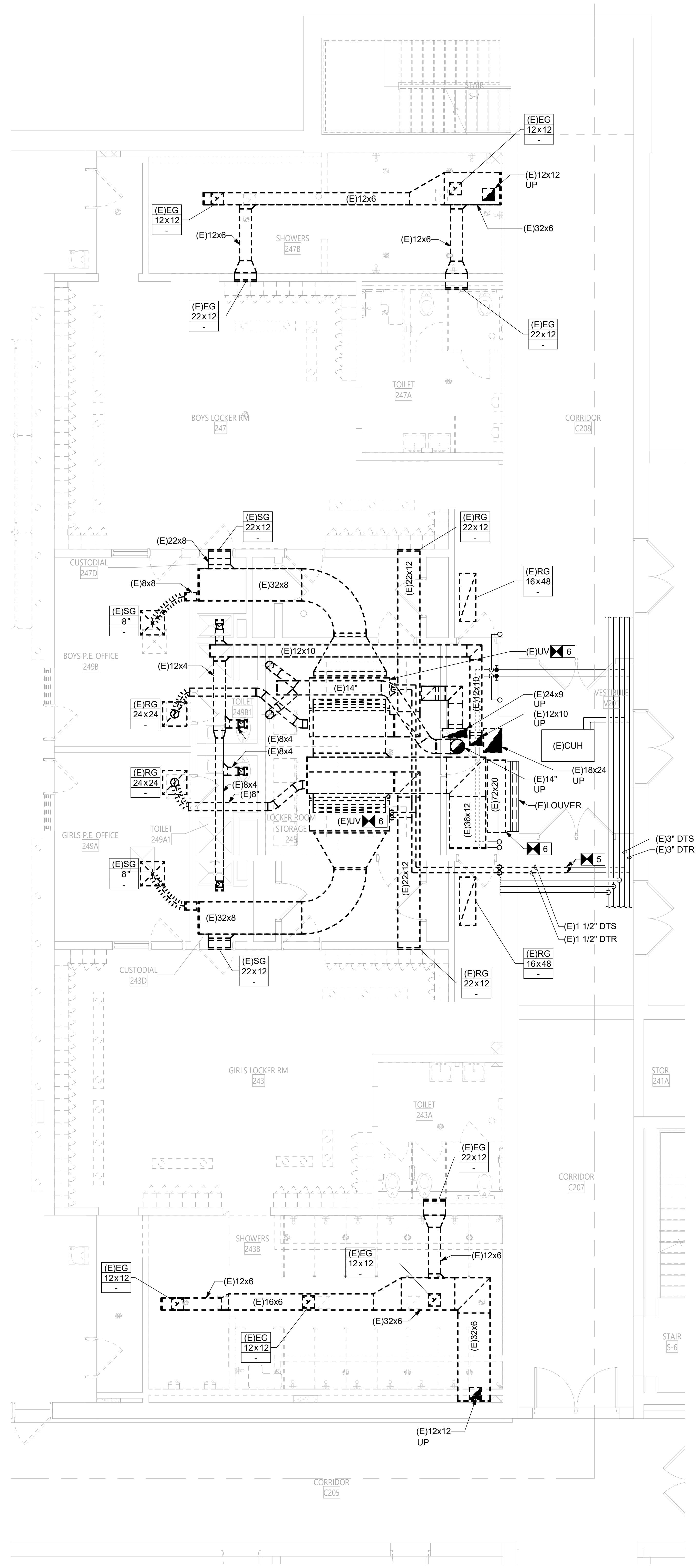
Drawn By:	DAH
Checked By:	MDR
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title
AREA G BAND ROOM MECHANICAL REMOVALS PLAN

Sheet No.
WHS MD102

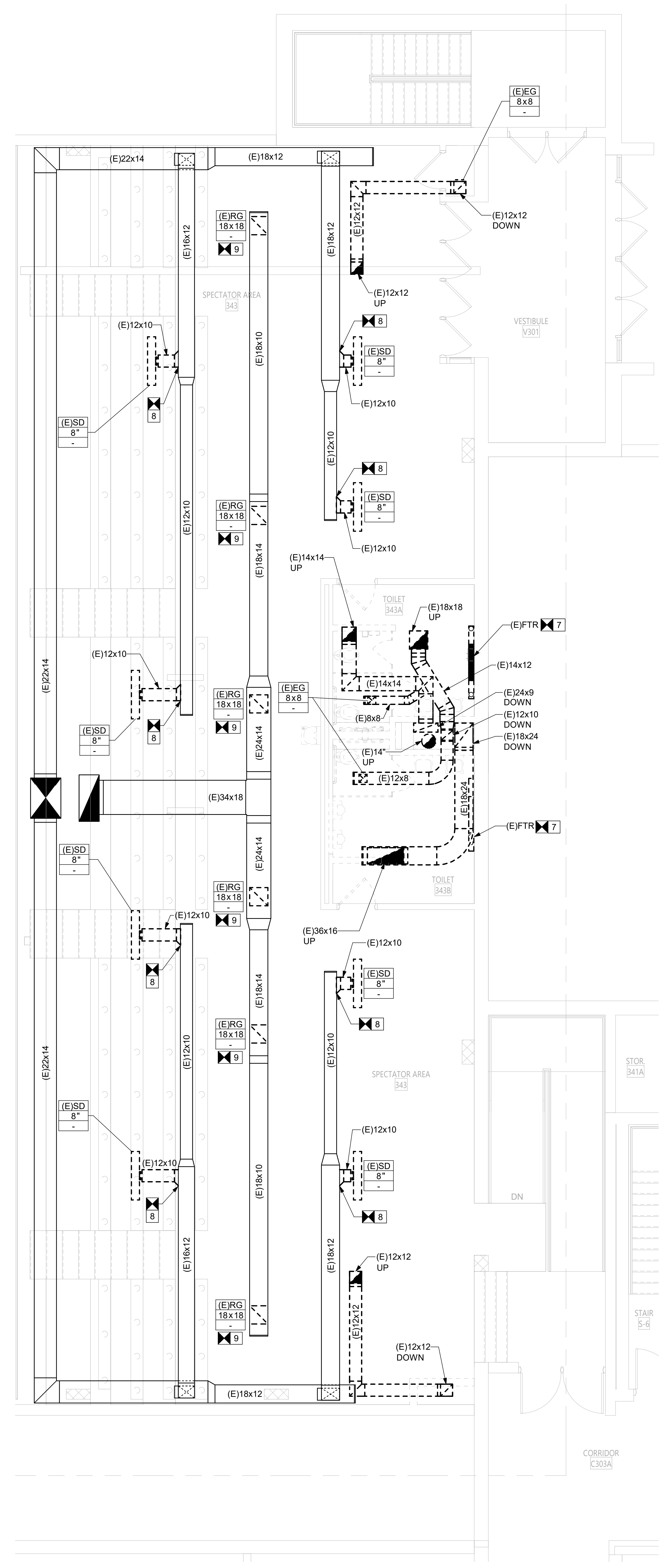
CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt



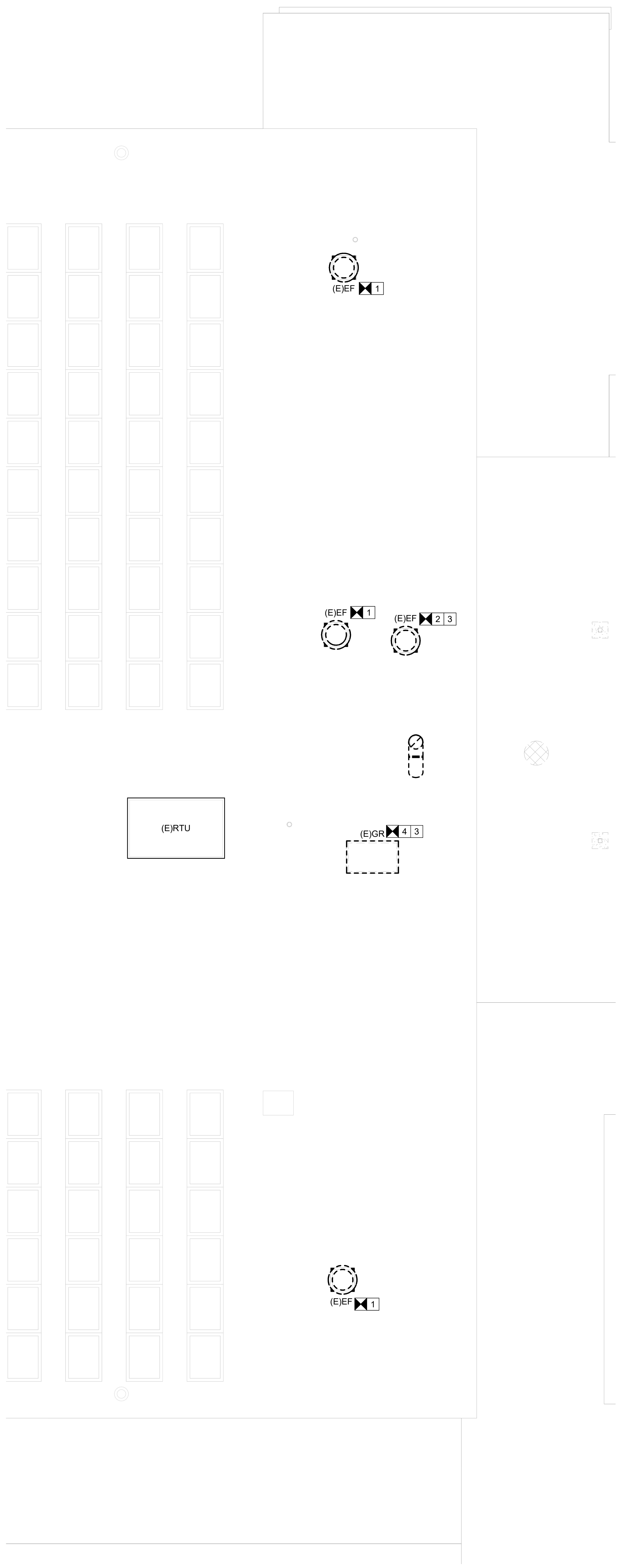
1 SECOND FLOOR LOCKER ROOM MECHANICAL REMOVALS PLAN

MD103 3/16" = 1'-0"



2 THIRD FLOOR POOL TOILET ROOM MECHANICAL REMOVALS PLAN

MD103 3/16" = 1'-0"



3 PARTIAL AREA A ROOF MECHANICAL REMOVALS PLAN

MD103 3/16" = 1'-0"

☒ DEMOLITION NOTES:

1 DISCONNECT AND REMOVE EXISTING EXHAUST SYSTEM. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE FAN, ALL DUCTWORK, GRILLES, CONTROLS, CONTROL WIRING AND ALL ASSOCIATED APPURTENANCES. PREPARE CURB FOR CONNECTION TO NEW FAN DURING THE NEW WORK PHASE. USE CURB ADAPTER AS NECESSARY TO MOUNT NEW FAN ON EXISTING CURB.

2 DISCONNECT AND REMOVE EXISTING EXHAUST SYSTEM. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE FAN, ALL DUCTWORK, GRILLES, CONTROLS, CONTROL WIRING AND ALL ASSOCIATED APPURTENANCES.

3 REMAINING ROOF OPENING TO BE INFILLED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

4 DISCONNECT AND REMOVE EXISTING RELIEF HOOD. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE HOOD, ALL DUCTWORK, AND ALL ASSOCIATED APPURTENANCES.

5 DISCONNECT AND REMOVE EXISTING DUAL TEMP PIPING BACK TO THE INDICATED LOCATION AND PREPARE THE REMAINING PIPING FOR CONNECTION DURING THE NEW WORK PHASE. PROVIDE TEMPORARY CAPS AS REQUIRED.

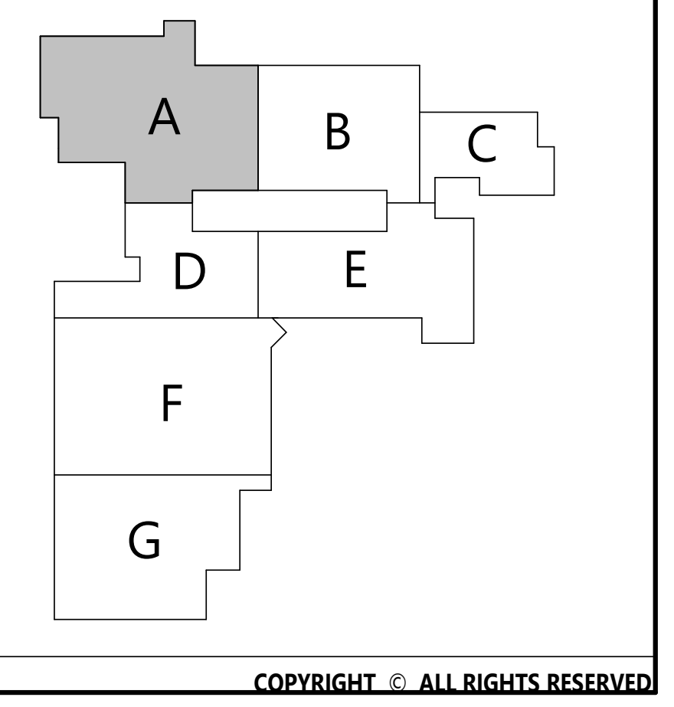
6 DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE UNIT VENTILATOR, ALL DUCTWORK, HANGERS, GRILLES, TEMPERATURE CONTROLS, CONTROLS, CONTROL WIRING, AND ALL ASSOCIATED APPURTENANCES.

7 DISCONNECT AND REMOVE EXISTING FIN TUBE RADIATION. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO THE ENCLOSURE, FIN/TUBE ELEMENT, SUPPORTS, TEMPERATURE CONTROLS, CONTROLS, CONTROL WIRING, VALVES, AND ALL ASSOCIATED APPURTENANCES. CUT SUPPLY/RETURN PIPING BACK TO JUST ABOVE FLOOR LEVEL AND PREPARE FOR CONNECTION DURING NEW WORK PHASE.

8 DISCONNECT AND REMOVE EXISTING LINEAR SUPPLY AIR DIFFUSER AND DUCTWORK BACK TO THE INDICATED LOCATION. PREPARE REMAINING OPENING FOR RECONNECTION DURING THE NEW WORK PHASE.

9 DISCONNECT AND REMOVE EXISTING RETURN GRILLE AND BRANCH DUCTWORK BACK TO THE RETURN MAIN DUCT AS SHOWN. REMOVAL SHALL INCLUDE THE GRILLE, BRANCH DUCTWORK, AND VOLUME DAMPERS. PREPARE REMAINING OPENING FOR RECONNECTION DURING THE NEW WORK PHASE.

KEY PLAN



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Sheet Title
AREA A
LOCKER
ROOM
MECHANICAL
REMOVALS
PLAN

Sheet No.
WHS
MD103

CONSTRUCTION DOCUMENTS

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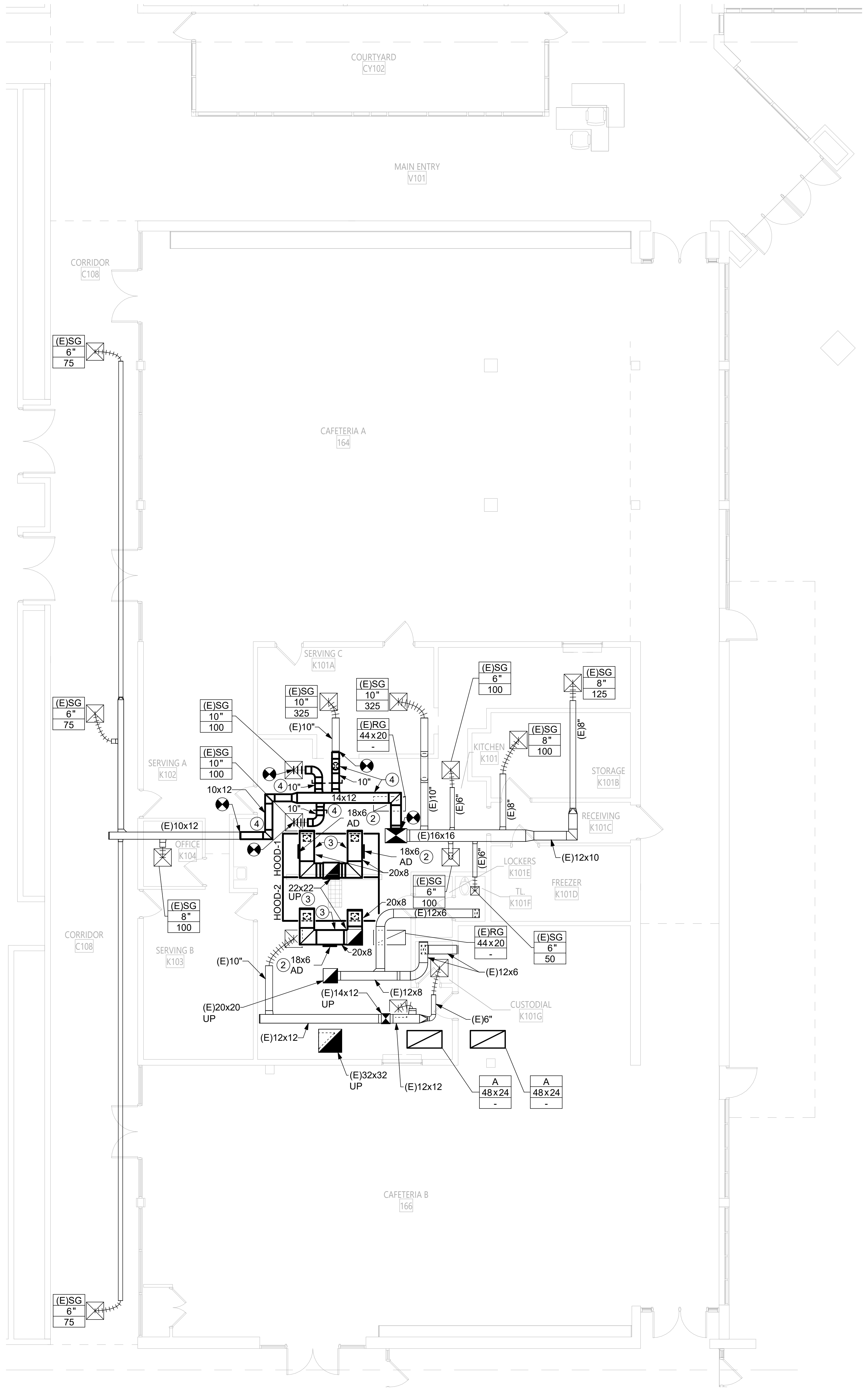
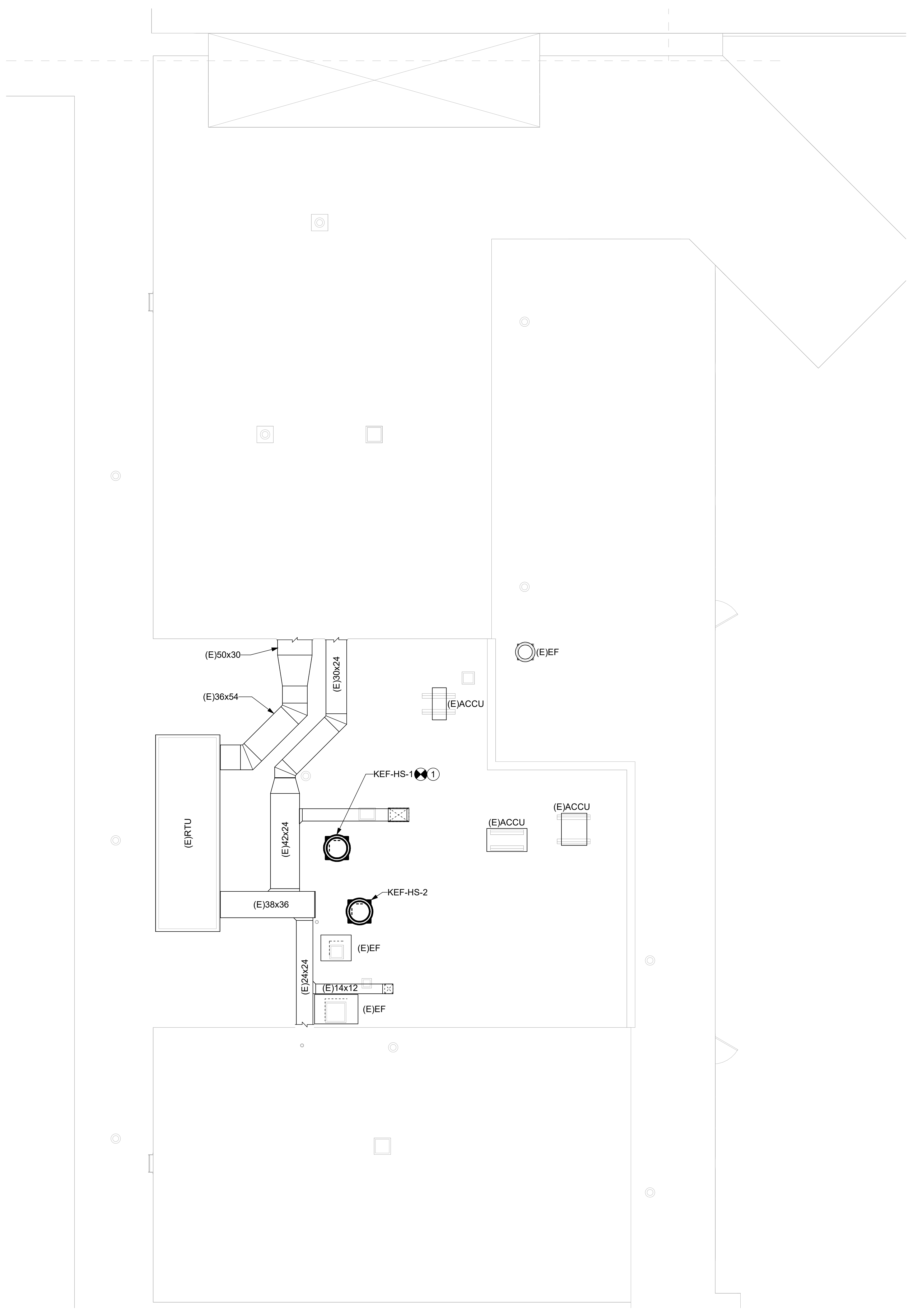


1 GROUND LEVEL AREA F KITCHEN MECHANICAL PLAN

M100 1/8" = 1'-0"

0' 4' 8' 16'



2 PARTIAL AREA F ROOF MECHANICAL PLAN

M100 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES

A. THE MAKE-UP AIR FOR THE NEW KITCHEN EXHAUST FANS IS INTENDED TO BE PROVIDED BY THE EXISTING HOUSE SYSTEM IN PLACE (RTU-4) IN ORDER TO MATCH THE INTENT OF THE EXISTING EXHAUST SYSTEM. AIRFLOW ANALYSIS HAS BEEN CONDUCTED, THE MINIMUM SUPPLY OF OUTSIDE AIR FOR THE EXISTING RTU-4 SYSTEM IS 6,300 CFM PER EXISTING 2016 MECHANICAL DRAWINGS, AND THE NEW KITCHEN EXHAUST FANS SHALL NOT EXCEED 3,500 CFM OF EXHAUST WHEN BOTH HOODS ARE IN USE. THE AREA SURROUNDING THIS KITCHEN IS COMPLETELY OPEN TO ALLOW FLOW OF THIS OUTSIDE AIR TO THE KITCHEN AND ADDITIONAL TRANSFER GRILLES ARE BEING PROVIDED AS WELL TO ACCOMODATE AIRFLOW TRANSFER.

B. DISCONNECT AND CLEAN ALL EXISTING GRILLES AND DIFFUSERS AS PART OF THE ARCHITECTURAL CEILING REPLACEMENT IN THIS AREA. REFER TO ARCHITECTURAL DRAWINGS TO IDENTIFY ALL AFFECTED AREAS. REINSTALL ALL EXISTING GRILLES AND DIFFUSERS IN THE NEW CEILING GRID AND RECONNECT TO THE EXISTING HVAC SYSTEMS AFTER ALL CLEANING HAS BEEN COMPLETED. REMOVAL AND REPLACEMENT SHALL NOT IMPACT ANY VOLUME BALANCING DEVICES.

ⓧ DRAWING NOTES:

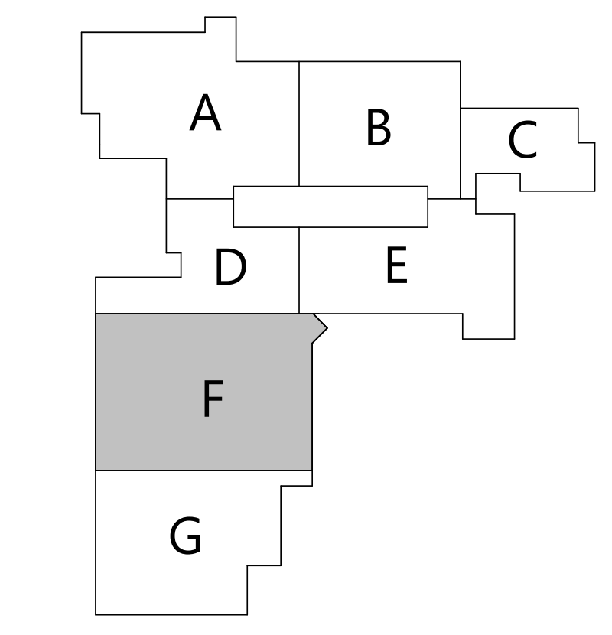
1 MOUNT NEW EXHASUT FAN ON EXISTING CURB WITH CURB ADAPTER. MEET ALL WIND RESTRAINT REQUIREMENTS PER SPECIFICATIONS.

2 PROVIDE GREASE DUCT COMPATIBLE ACCESS DOOR (AD) ON THE SIDE OF THE GREASE DUCT, AT THE INDICATED LOCATION.

3 KITCHEN EXHAUST DUCTWORK SHALL BE 16 GAUGE BLACK STEEL, PROVIDE TWO (2) LAYERS OF FYRE WRAP INSULATION. REFER TO SPECIFICATION 230710-00 FOR MORE INFORMATION.

4 SUPPLY DUCTWORK MATERIAL AND INSULATION SHALL BE PER SPECIFICATIONS.

KEY PLAN



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WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
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Cert. of Auth: 0018443

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CSArch Proj. #:	228-2401.03
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Sheet Title

AREA F
KITCHEN
MECHANICAL
PLAN

Sheet No.

WHS
M100

CONSTRUCTION DOCUMENTS

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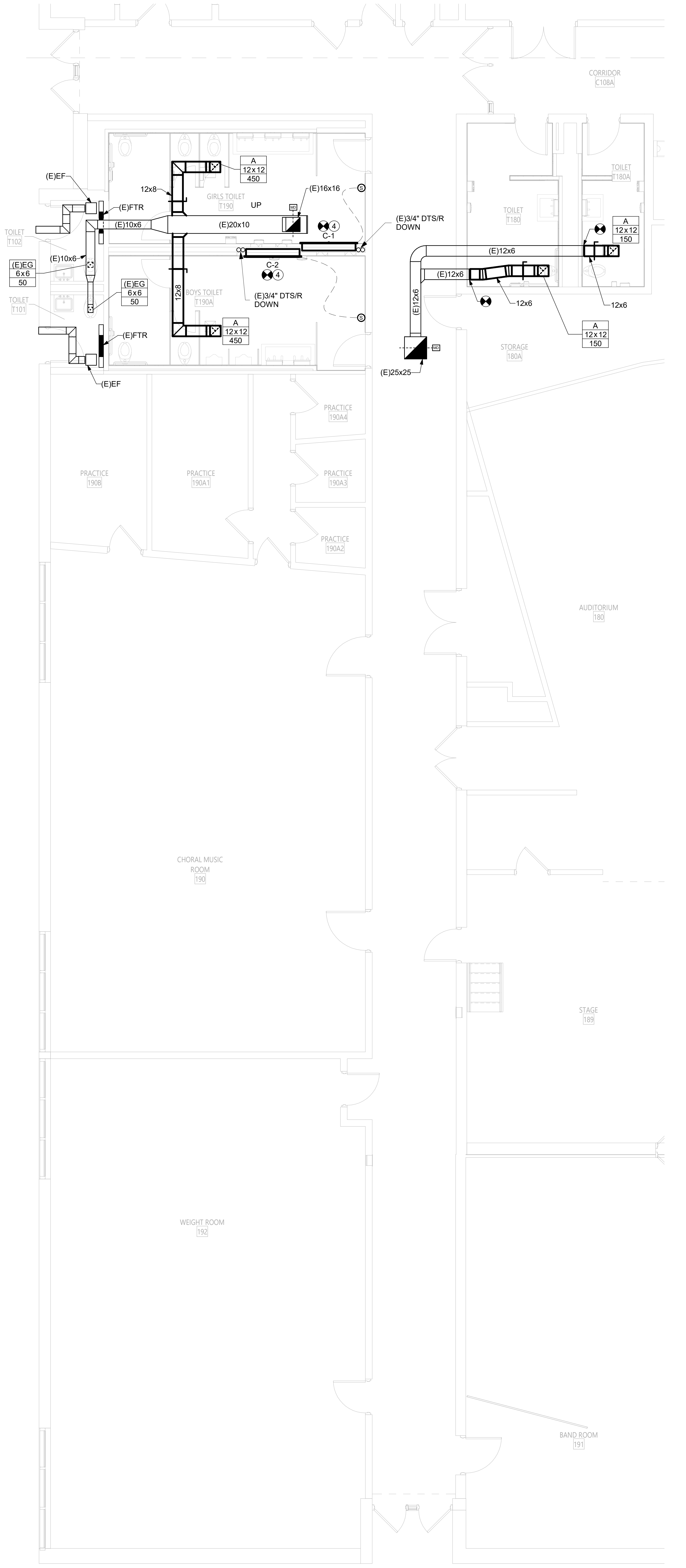
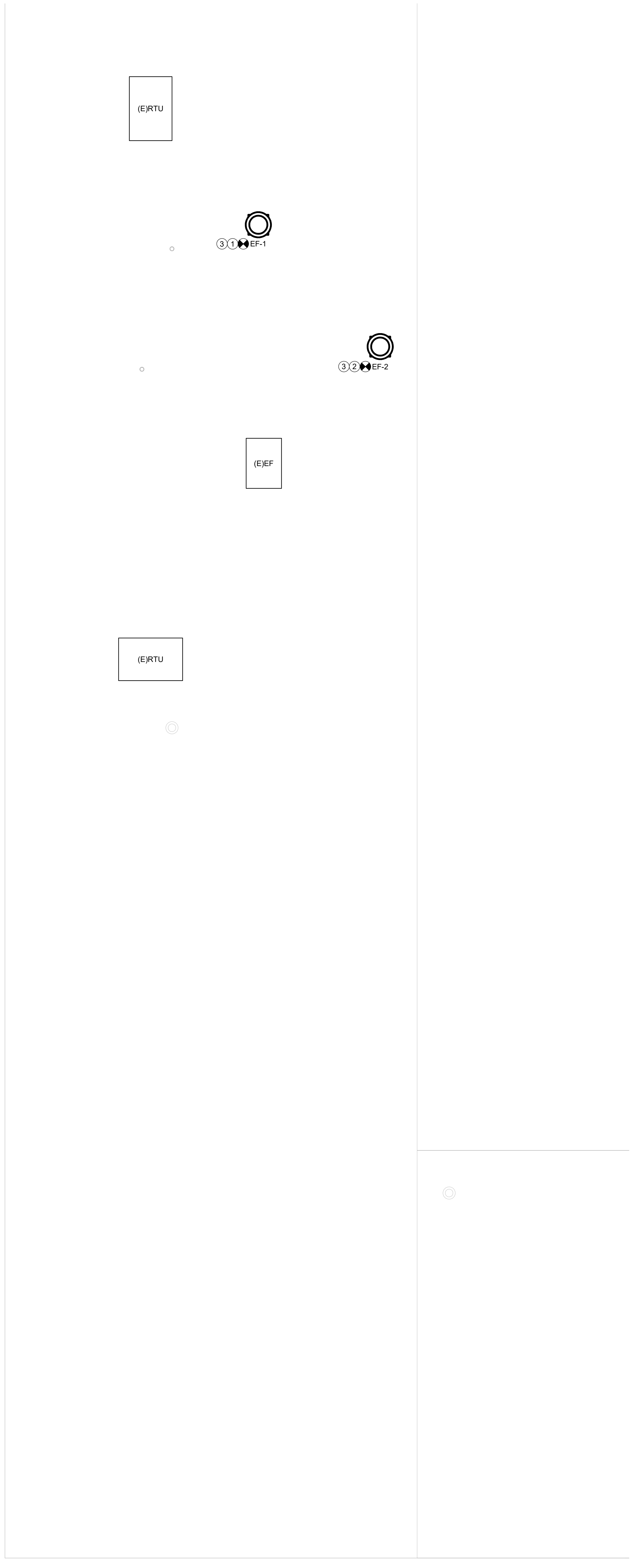


1 GROUND LEVEL TOILET ROOM MECHANICAL PLAN

M101

3/16" = 1'-0"



2 ROOF TOILET ROOM MECHANICAL PLAN

M101

3/16" = 1'-0"

⊗ DRAWING NOTES:

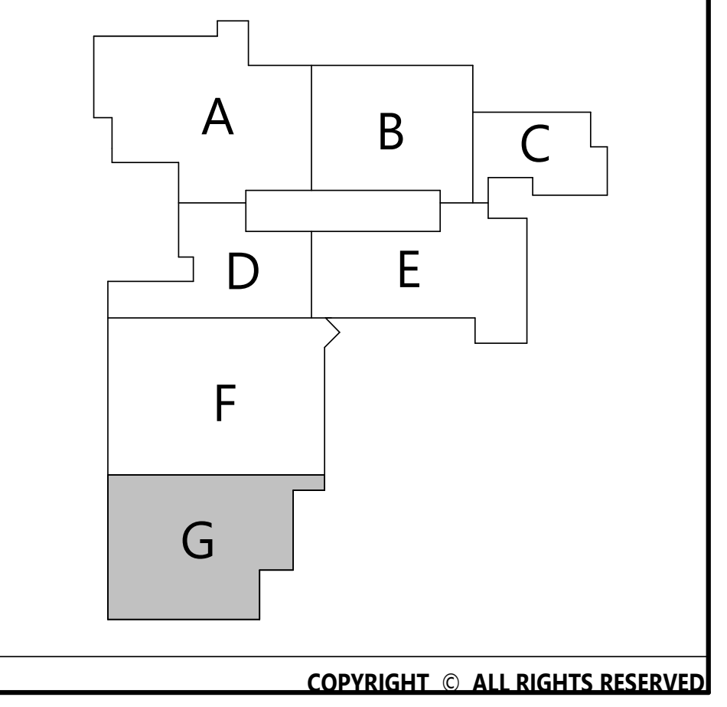
1 MOUNT NEW EXHAUST FAN ON EXISTING CURB. USE CURB ADAPTER IF NECESSARY. MEET ALL WIND RESTRAINT REQUIREMENTS PER SPECIFICATIONS.

2 MOUNT NEW EXHAUST FAN ON EXISTING CURB WITH CURB ADAPTER. MEET ALL WIND RESTRAINT REQUIREMENTS PER SPECIFICATIONS.

3 TIE NEW EXHAUST FAN INTO EXISTING CONTROLS. COORDINATE WITH EC FOR CONNECTION.

4 MOUNT NEW CONVECTOR IN THE SAME LOCATION AS THE PREVIOUSLY REMOVED EXISTING CONVECTOR. TIE EXISTING PIPING INTO THE NEW CONVECTOR, REFER TO DETAIL ON SHEET M500 FOR MORE INFORMATION. INSTALL UNIT PER THE MANUFACTURER'S INSTRUCTIONS.

KEY PLAN



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Sheet Title

AREA G TOILET
ROOM
MECHANICAL
PLAN

Sheet No.

WHS
M101

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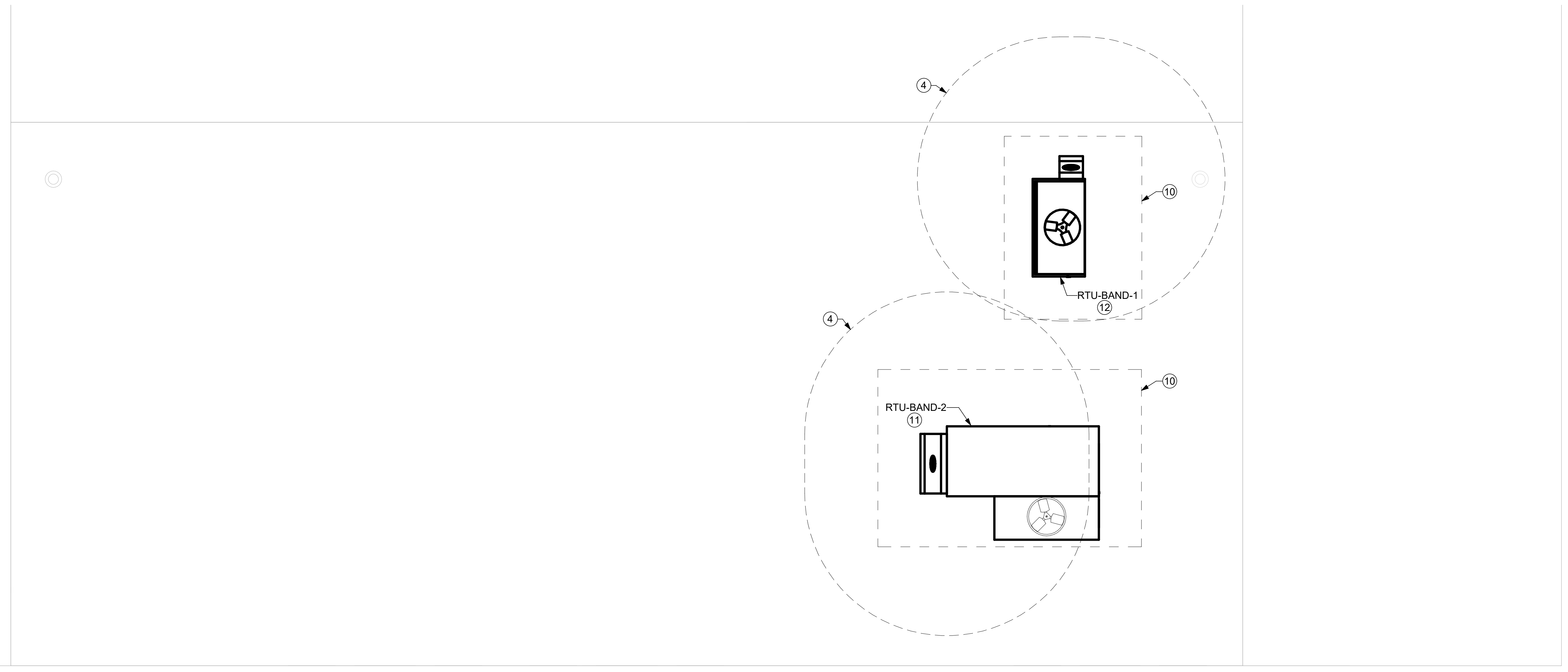
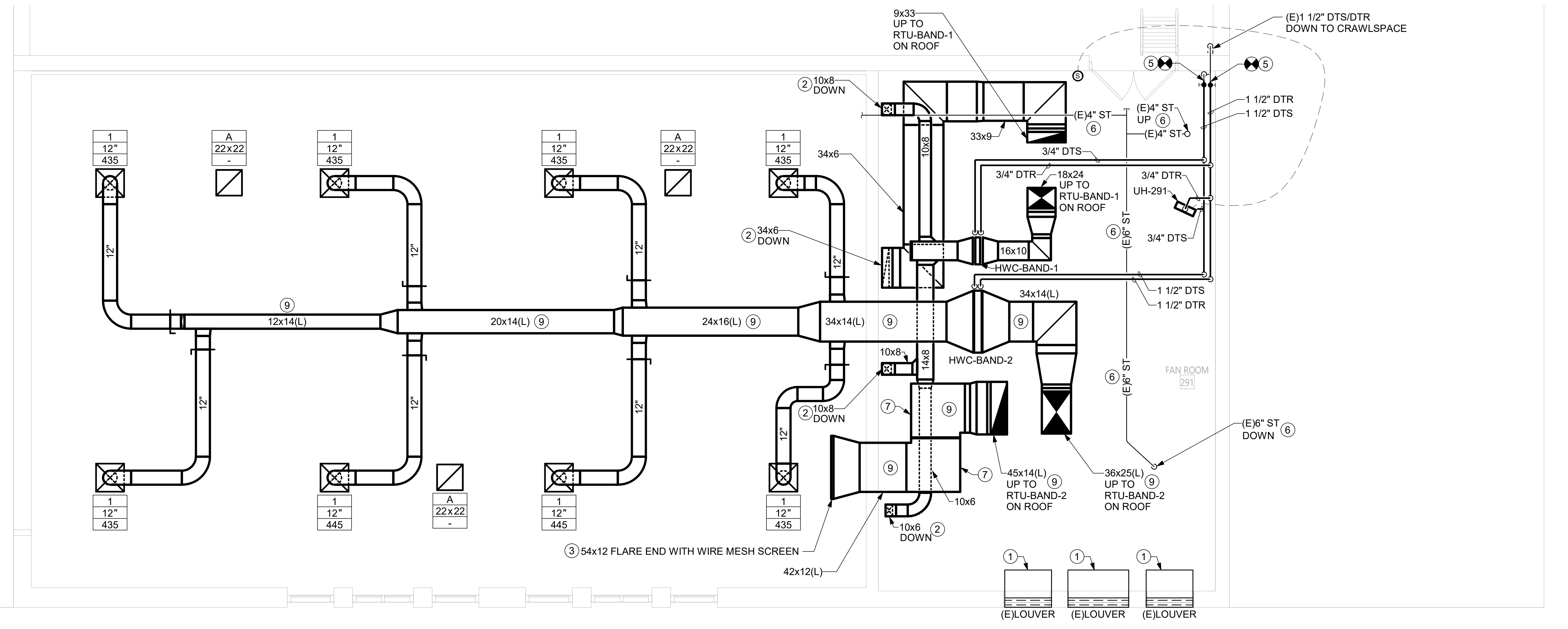
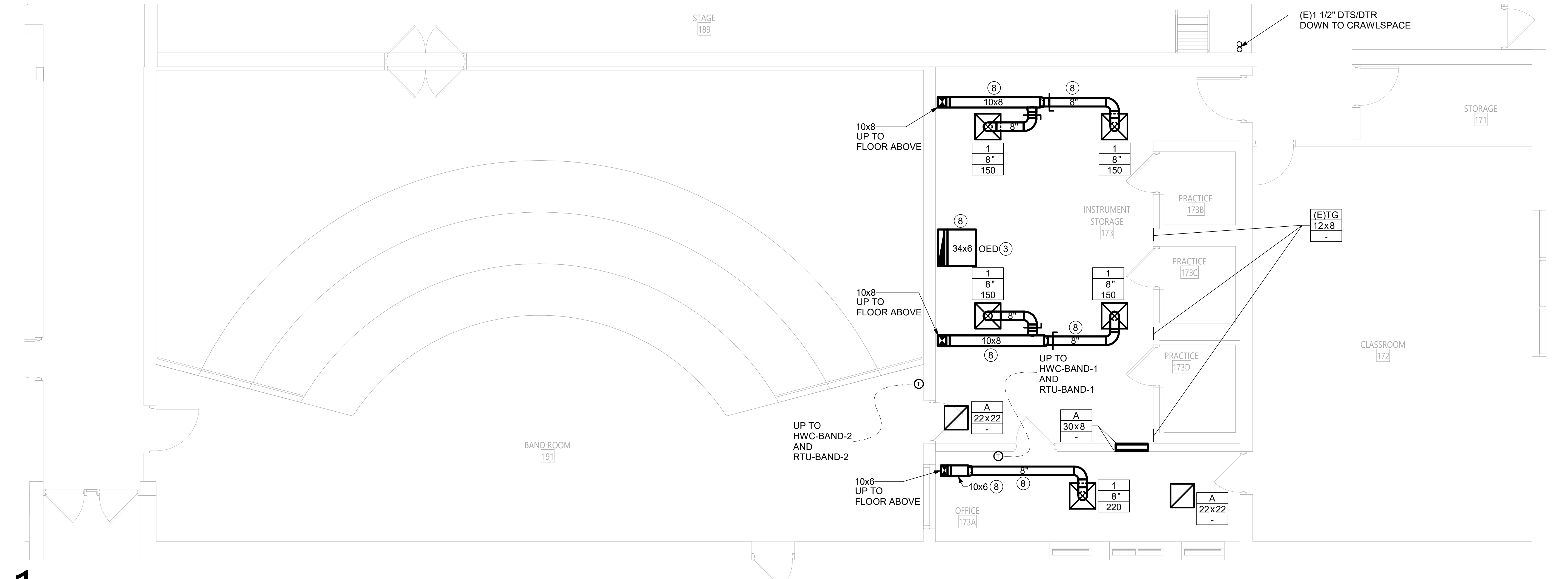


3 BAND ROOM ROOF MECHANICAL PLAN
M102 3/16" = 1'-0"



2 SECOND FLOOR BAND ROOM MECHANICAL PLAN
M102 3/16" = 1'-0"



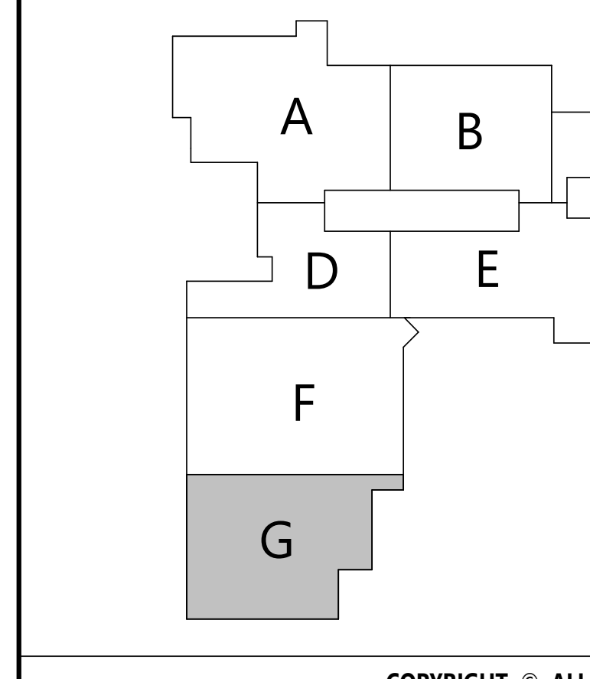
1 GROUND LEVEL BAND ROOM MECHANICAL PLAN
M102 3/16" = 1'-0"

DRAWING NOTES:

1 EXISTING LOUVER TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON SEALING/INSULATING THE REMAINING OPENING.
2 ROUTE NEW DUCTWORK DOWN TO THE FLOOR BELOW USING THE EXISTING FLOOR OPENING. MODIFY OPENING AS NECESSARY. COORDINATE WITH GC.
3 OPEN ENDED DUCT. PROVIDE 1/2" WIRE MESH SCREEN TO COVER OPENING.
4 OUTSIDE AIR CLEARANCE ZONE. NO EXHAUST OR PLUMBING VENT OUTLETS SHALL BE WITHIN 10' OF RTU AIR INTAKE. COORDINATE WITH PC.
5 PROVIDE NEW DUAL TEMP PIPING AND SHUT OFF VALVES AS SHOWN.
6 EXISTING STORM PIPING SHOWN FOR REFERENCE AND COORDINATION PURPOSES ONLY.
7 PROVIDE UNVANED LINED ELBOW AT THE INDICATED LOCATION.
8 DUCTWORK SHALL BE ROUTED BETWEEN THE STRUCTURE IN THIS AREA.
9 LINED DUCTWORK. SEE SPECIFICATIONS.
10 RTU SERVICE CLEARANCE.
11 RTU MOUNTED ON DUNNAGE FRAME.

12 RTU MOUNTED ON ROOF CURB.

KEY PLAN



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AREA G BAND ROOM MECHANICAL PLAN

Sheet No.

WHS M102

CONSTRUCTION DOCUMENTS

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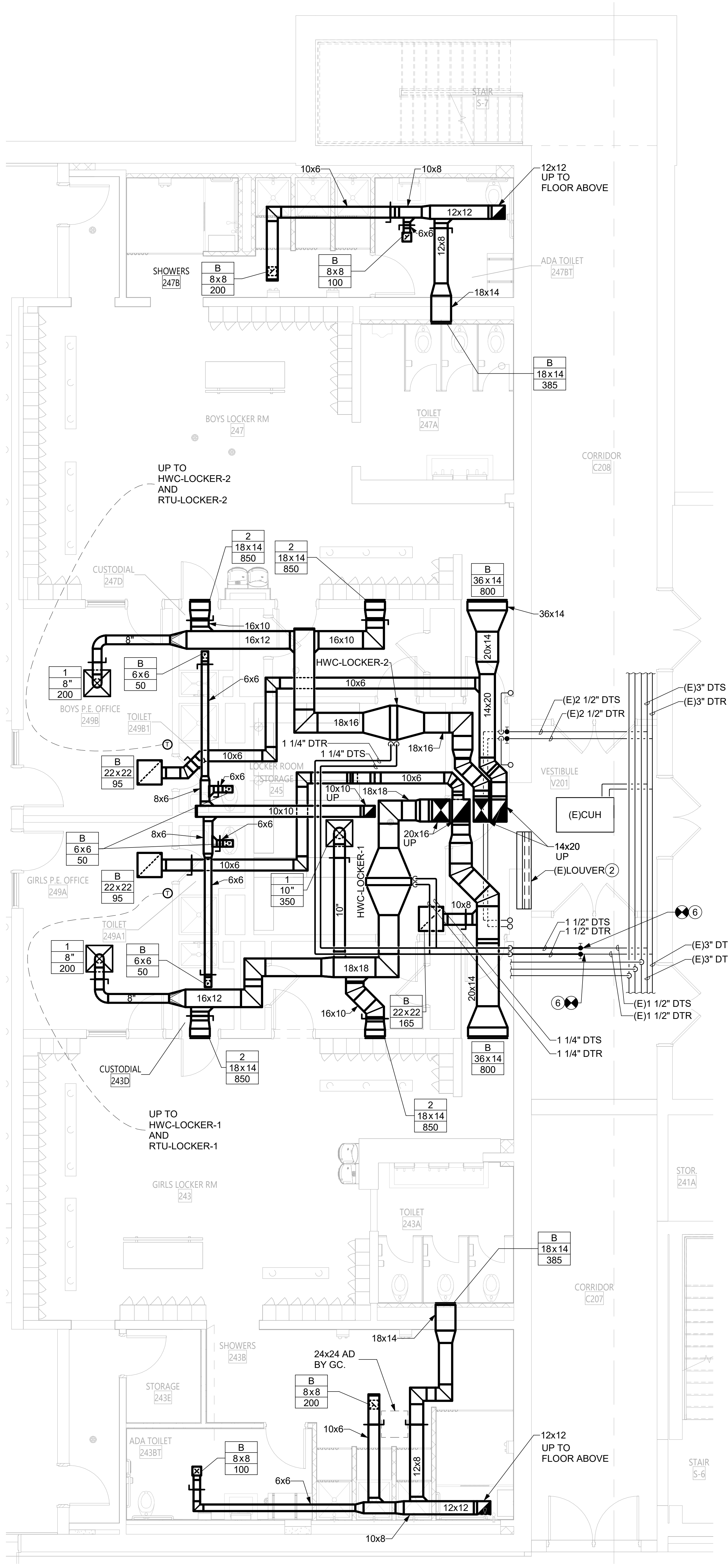
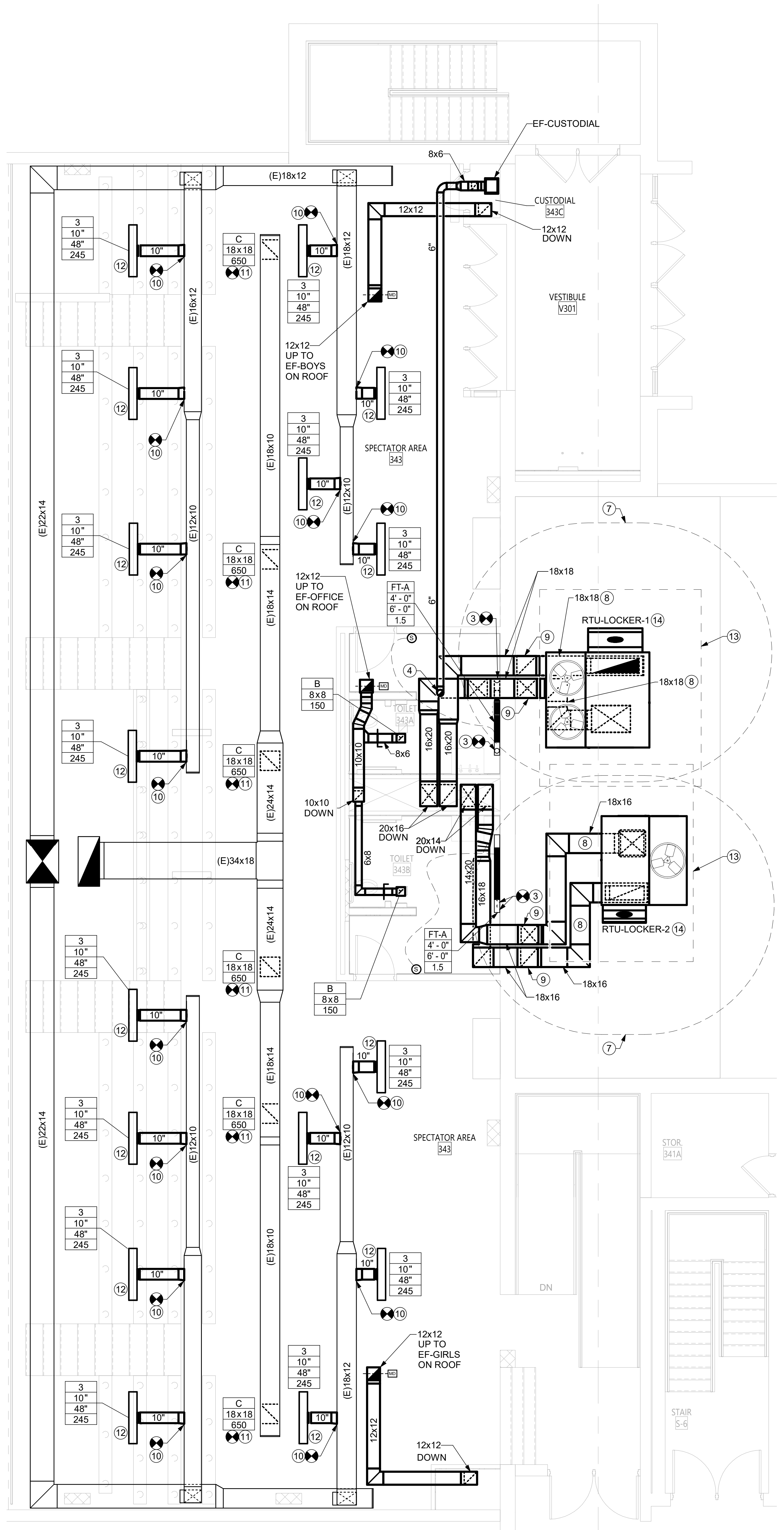


1 SECOND FLOOR LOCKER ROOM MECHANICAL PLAN

M103 3/16" = 1'-0"

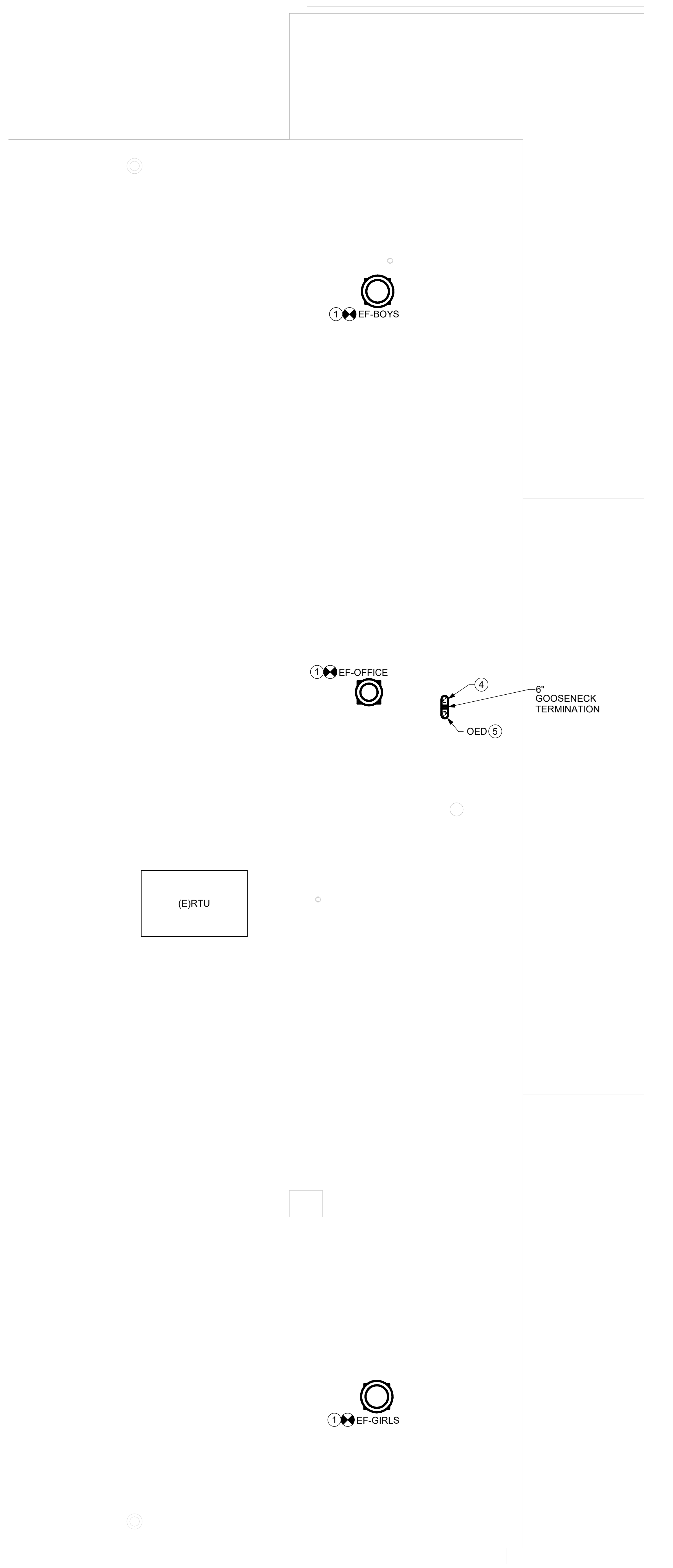
0' 4' 8' 12'



2 THIRD FLOOR POOL TOILET ROOM MECHANICAL PLAN

M103 3/16" = 1'-0"

0' 4' 8' 12'



3 PARTIAL AREA A ROOF MECHANICAL PLAN

M103 3/16" = 1'-0"

0' 4' 8' 12'

GENERAL NOTES

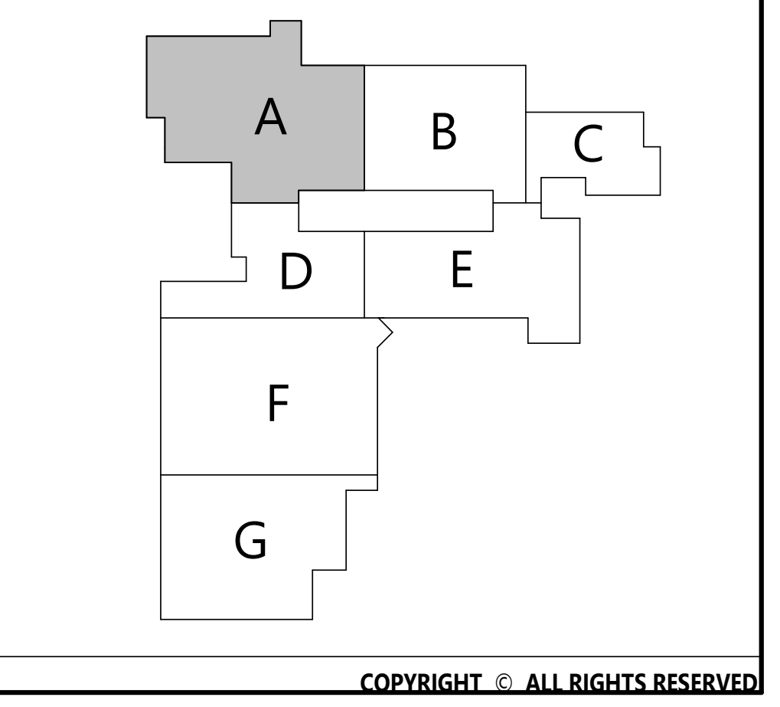
A. THE RTU-LOCKER-1 AND RTU-LOCKER-2 RETURN AIR CFM'S NOTED ON THIS SHEET ARE DURING OCCUPIED TIME ONLY, WHEN THE OUTSIDE AIR DAMPER IS OPEN.

B. SEE SPECIFICATIONS SECTION 233100 FOR DUCTWORK MATERIAL REQUIREMENTS IN THIS AREA.

ⓧ DRAWING NOTES:

1 MOUNT NEW EXHAUST FAN ON EXISTING CURB. USE CURB ADAPTER AS NECESSARY. MEET ALL WIND RESTRAINT REQUIREMENTS PER SPECIFICATIONS.
2 EXISTING LOUVER TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON SEALING/INSULATING THE REMAINING OPENING.
3 RECONNECT EXISTING DUAL TEMP PIPING TO NEW FIN TUBE. REFER TO DETAIL ON SHEET M500 FOR MORE INFORMATION.
4 ROUTE EXHAUST DUCT UP THROUGH EXISTING ROOF OPENING. PROVIDE CURB ADAPTER AND SEAL AIR/WATER TIGHT AROUND PENETRATION. REFER TO DETAIL ON SHEET M500 FOR MORE INFORMATION.
5 OPEN ENDED DUCT. PROVIDE WIRE MESH BIRD SCREENING TO COVER OPENING.
6 PROVIDE NEW DUAL TEMP PIPING AND SHUT OFF VALVES AS SHOWN.
7 OUTSIDE AIR CLEARANCE ZONE. NO EXHAUST OR PLUMBING VENT OUTLETS SHALL BE WITHIN 10' OF RTU AIR INTAKE. COORDINATE WITH PC.
8 DUCTWORK SHALL BE ROUTED UNDERNEATH DUNNAGE IN THIS AREA. COORDINATE WITH GC.
9 DUCTWORK SHALL RISE APPROXIMATELY 12' TO GET ABOVE CEILING IN TOILET ROOMS BEFORE PENETRATING THE WALL.
10 PROVIDE NEW DUCTWORK AND DIFFUSER AS SHOWN. BALANCE SUPPLY AIR DIFFUSER TO THE INDICATED AIRFLOW.
11 PROVIDE NEW GRILLE AS SHOWN. PROVIDE NEW DUCTWORK AS NECESSARY TO TIE INTO THE EXISTING RETURN AIR MAIN. BALANCE RETURN AIR GRILLE TO THE INDICATED AIRFLOW.
12 AIRFLOW PATTERN CONTROLLERS SHALL BE POSITIONED TO SEND AIRFLOW STRAIGHT DOWN.
13 RTU SERVICE CLEARANCE.
14 RTU MOUNTED ON DUNNAGE FRAME.

KEY PLAN



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AREA A
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ROOM
MECHANICAL
PLAN

Sheet No.

WHS
M103

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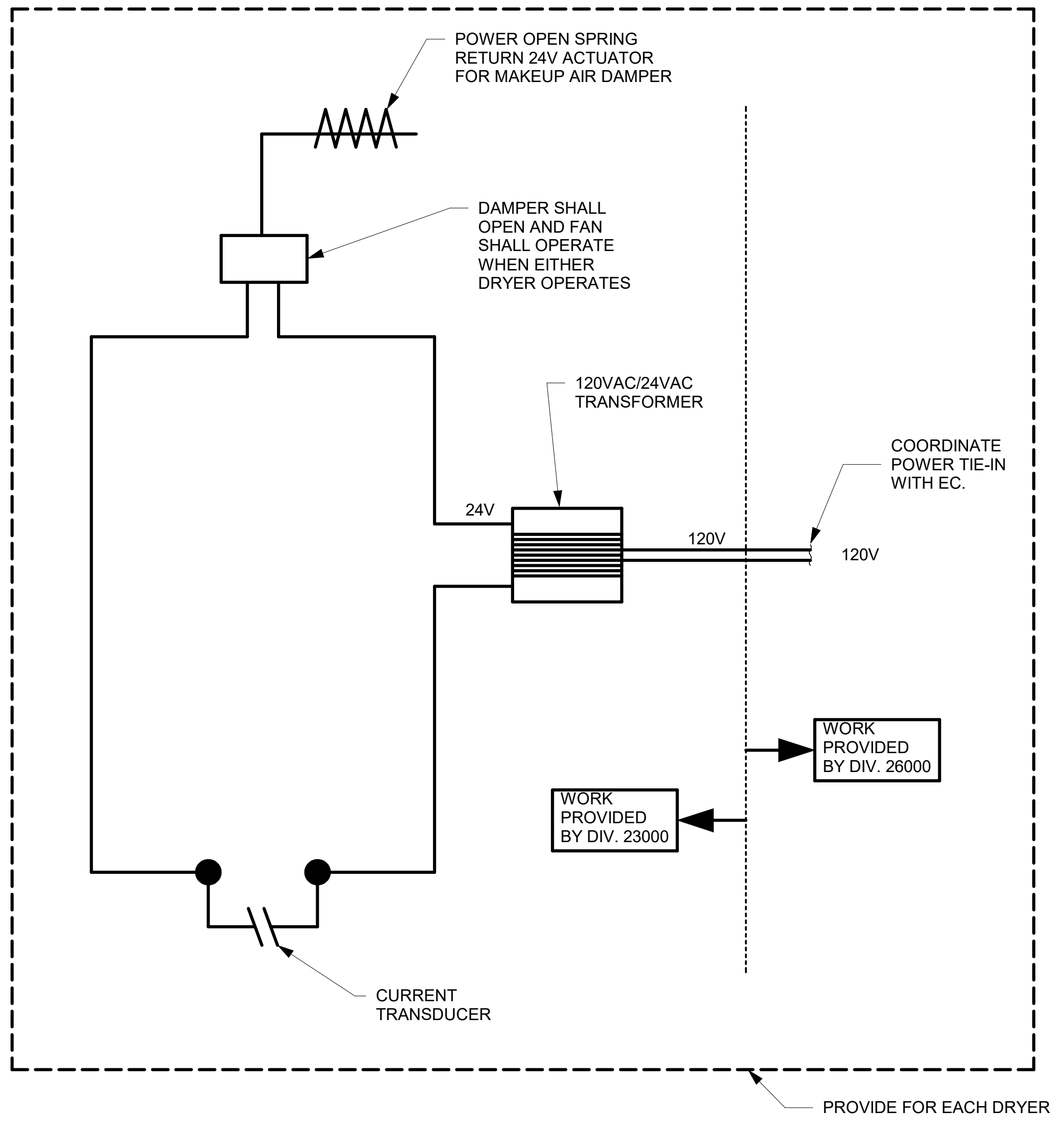
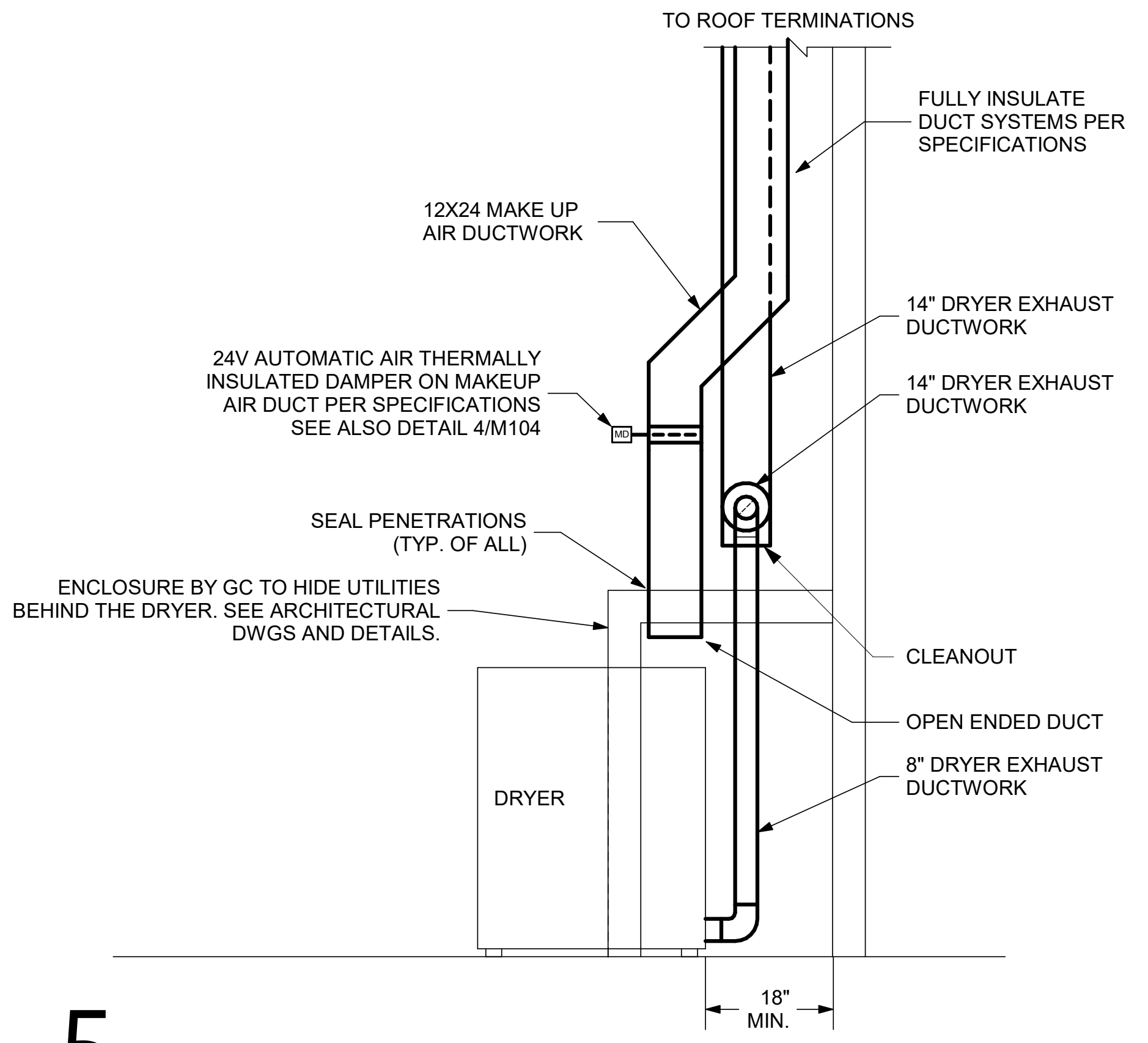


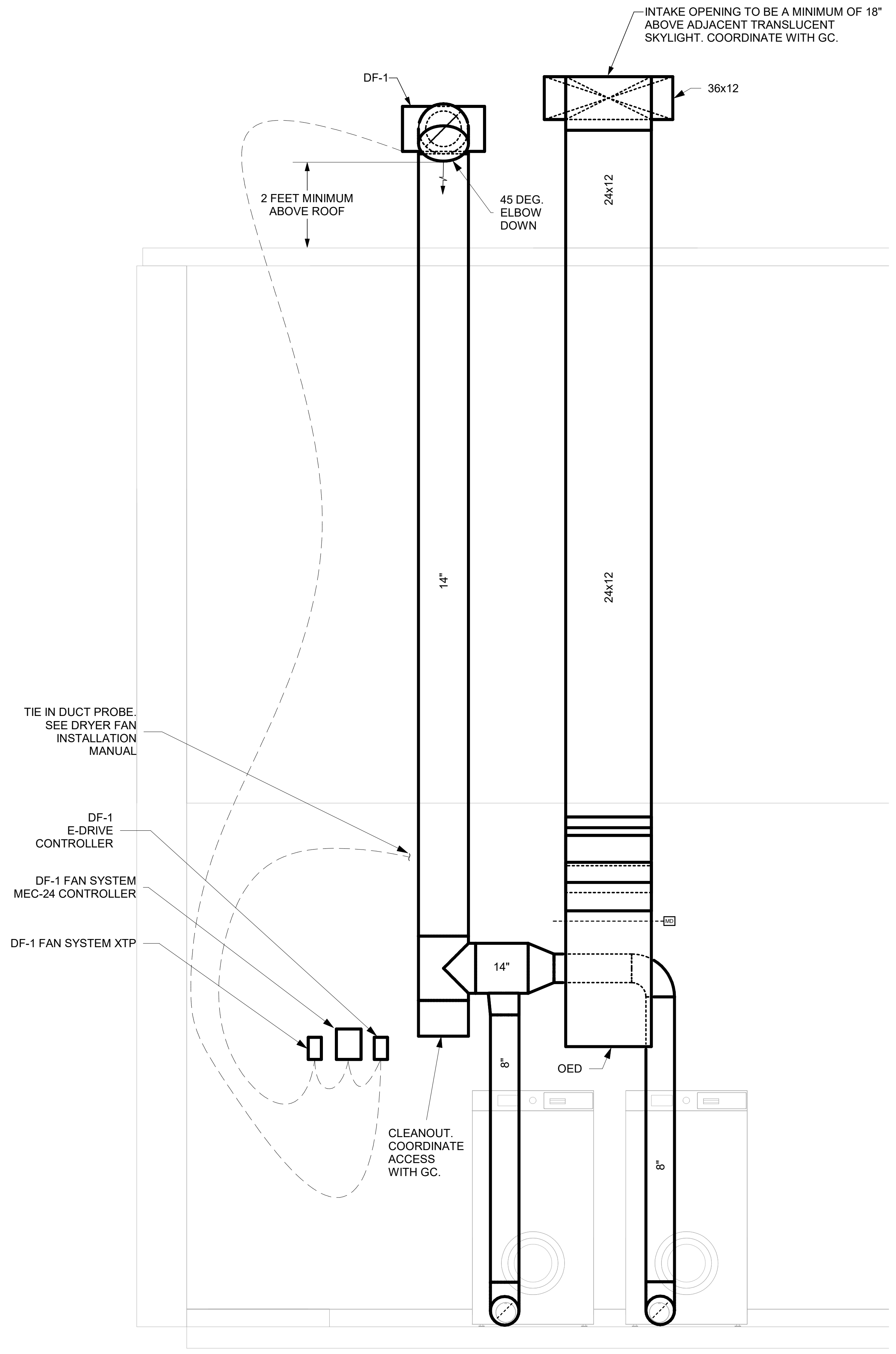
4 DRYER - MAKE UP AIR AUTO AIR DAMPER WIRING DIAGRAM

M104
NOT TO SCALE



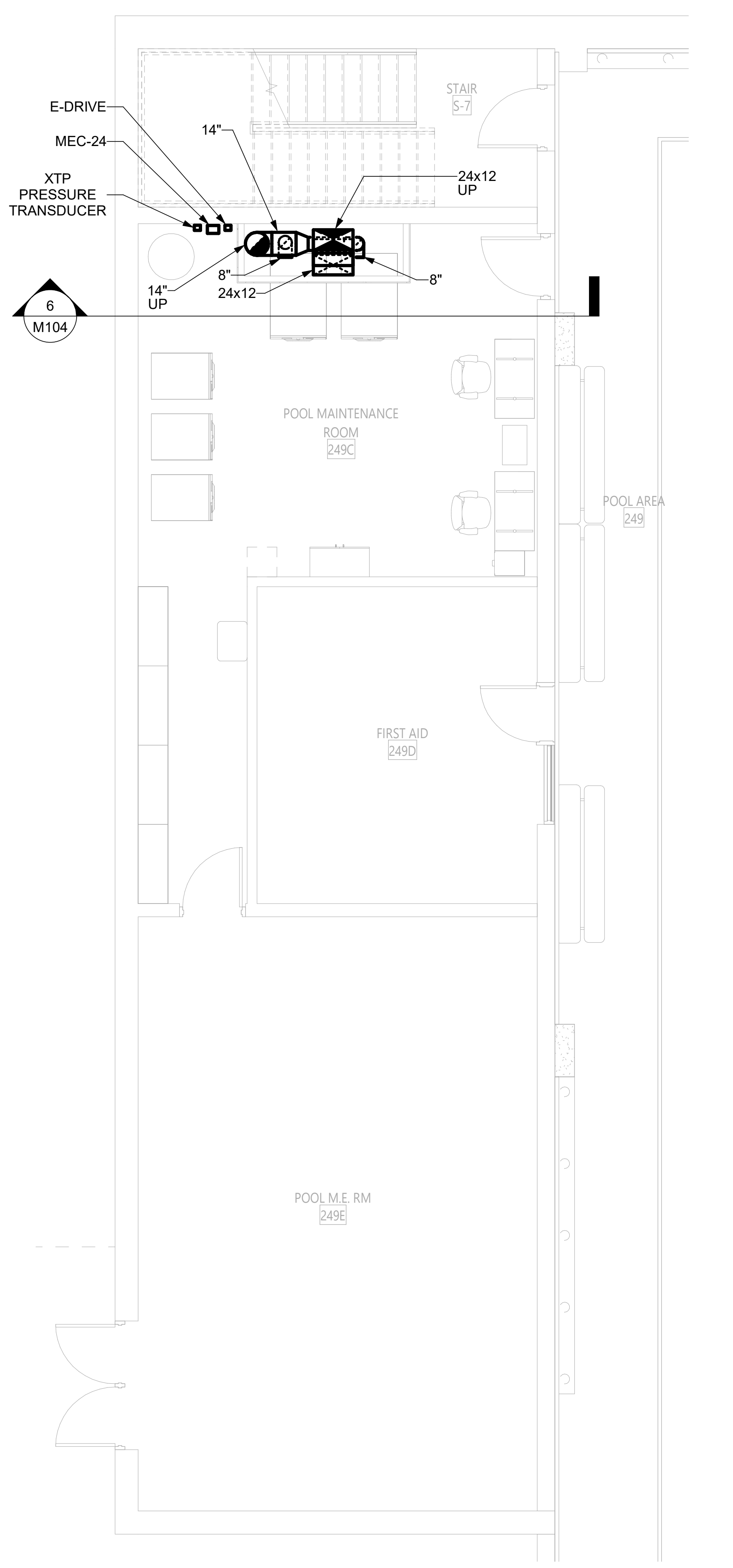
5 DRYER EXHAUST/MAKEUP AIR DETAIL

M104
NOT TO SCALE



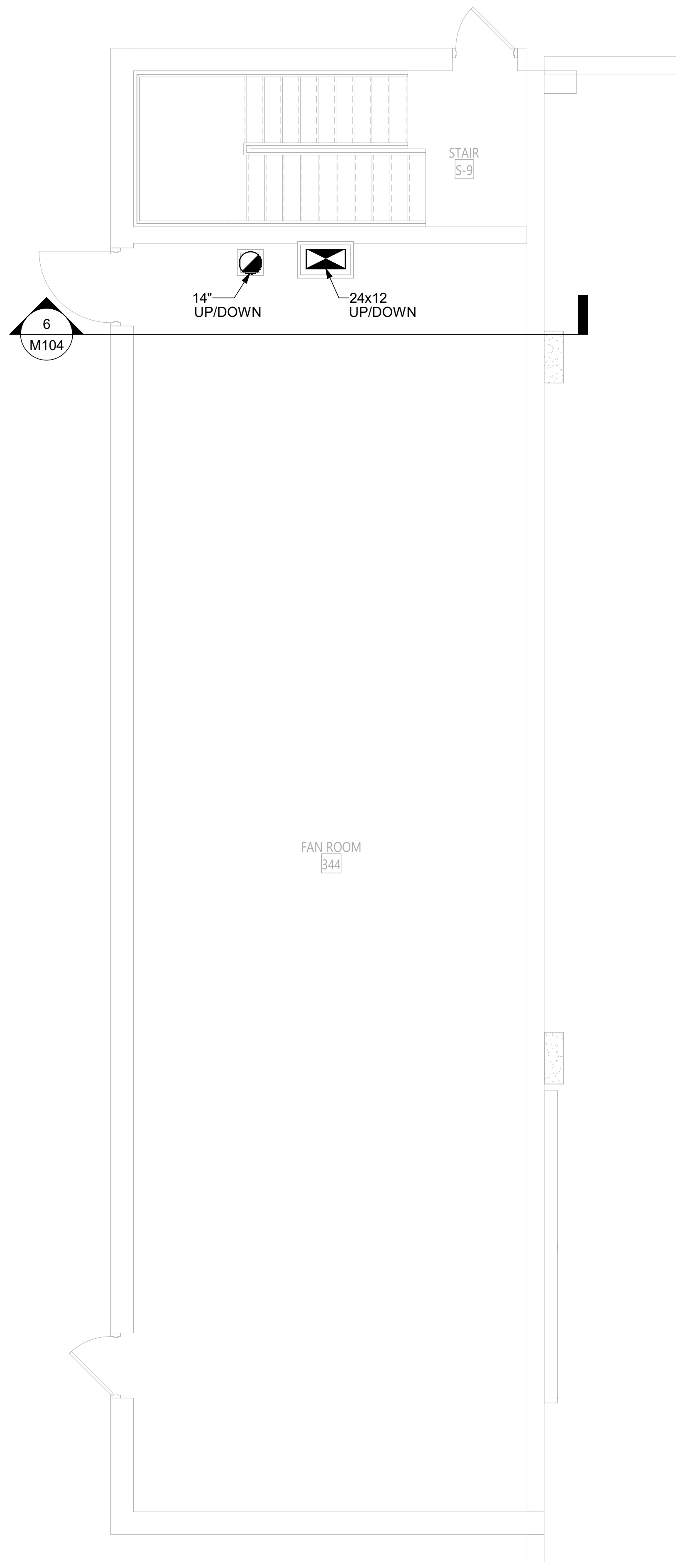
6 LAUNDRY EXHAUST/MUA SECTION

M104
1/2" = 1'-0"
0' 1' 2' 4'



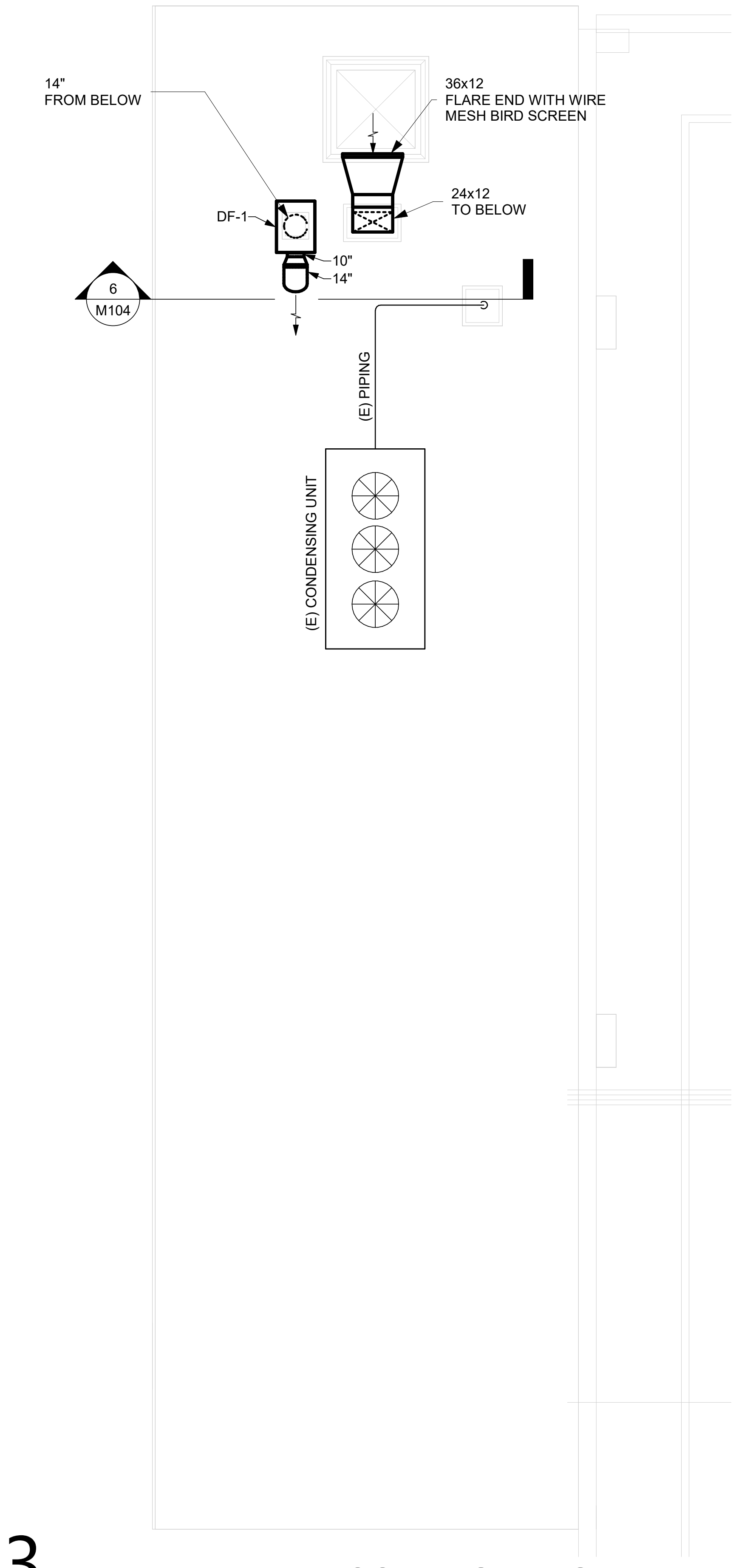
1 LAUNDRY AREA SECOND FLOOR MECHANICAL PLAN

M104
3/16" = 1'-0"
0' 4' 8' 12'



2 LAUNDRY AREA THIRD FLOOR MECHANICAL PLAN

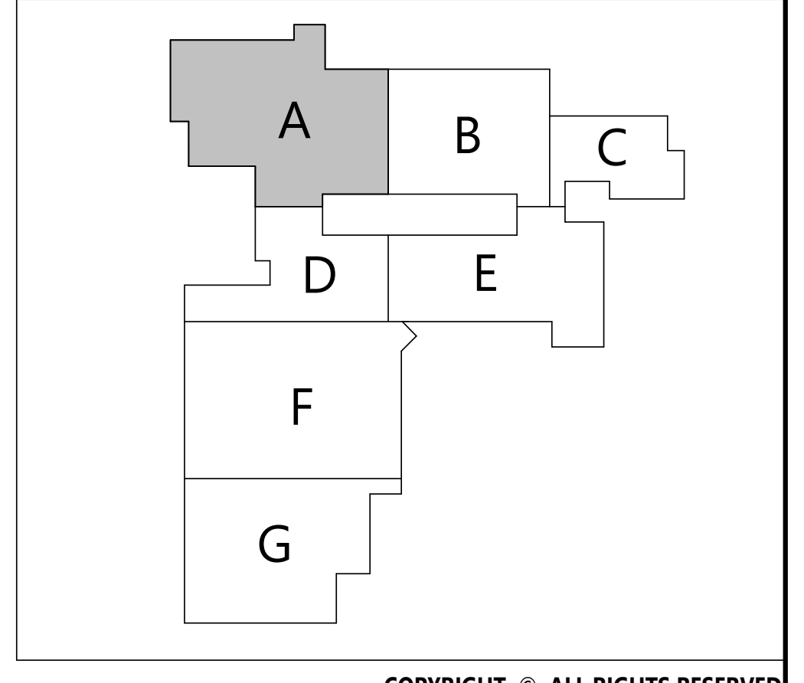
M104
3/16" = 1'-0"
0' 4' 8' 12'



3 LAUNDRY AREA ROOF MECHANICAL PLAN

M104
3/16" = 1'-0"
0' 4' 8' 12'

KEY PLAN



Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	MDR
Checked By:	MDR
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

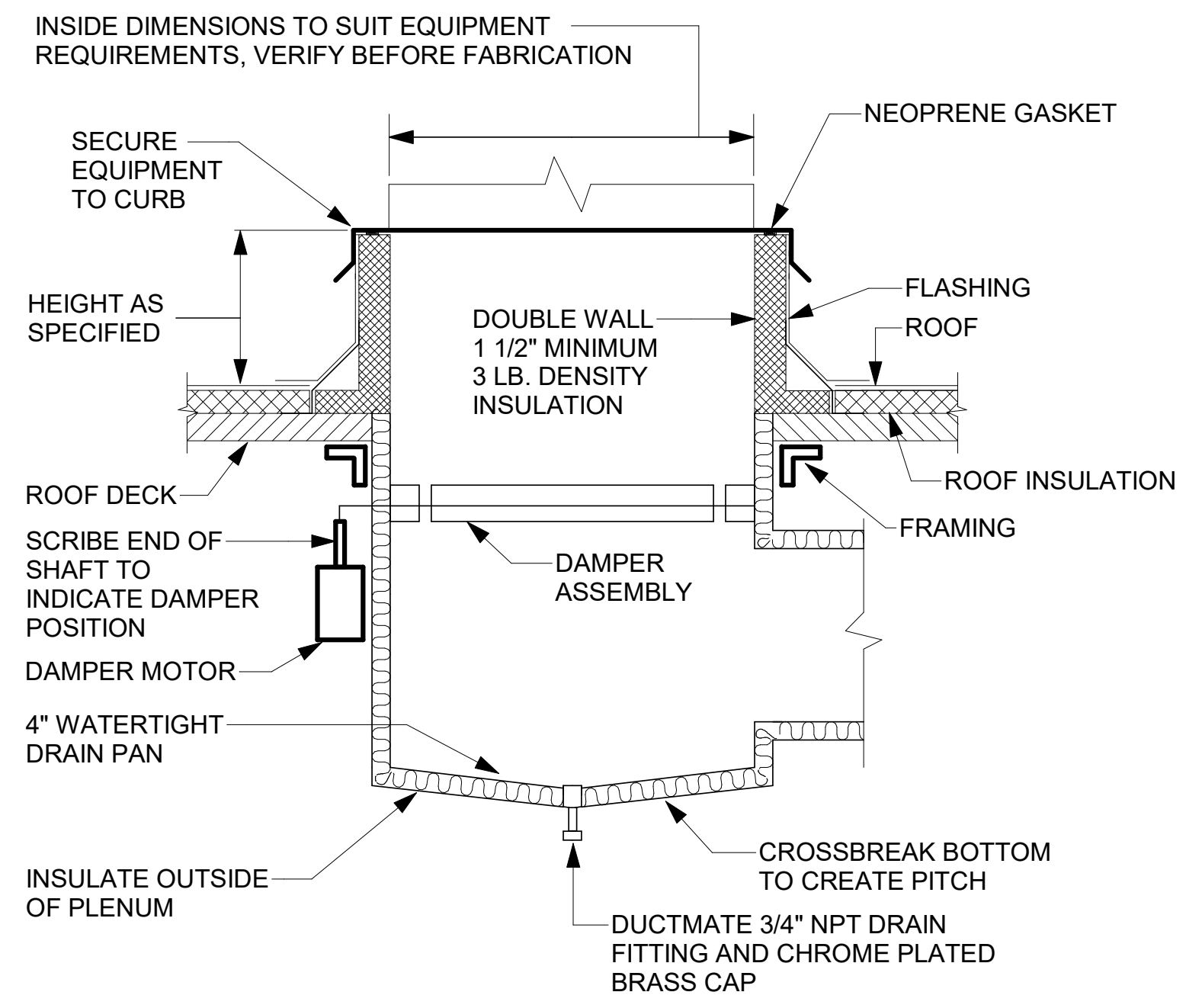
Sheet Title

AREA A
LAUNDRY
MECHANICAL
PLAN

Sheet No.

WHS
M104

CONSTRUCTION DOCUMENTS


INSIDE DIMENSIONS TO SUIT EQUIPMENT REQUIREMENTS, VERIFY BEFORE FABRICATION
SECURE EQUIPMENT TO CURB
NEOPRENE GASKET
HEIGHT AS SPECIFIED
DOUBLE WALL 1 1/2" MINIMUM 3 LB. DENSITY INSULATION
FLASHING
ROOF
ROOF INSULATION
ROOF DECK
FRAMING
SCRIBE END OF SHAFT TO INDICATE DAMPER POSITION
DAMPER ASSEMBLY
DAMPER MOTOR
4" WATERTIGHT DRAIN PAN
INSULATE OUTSIDE OF PLENUM
CROSSBREAK BOTTOM TO CREATE PITCH
DUCTMATE 3/4" NPT DRAIN FITTING AND CHROME PLATED BRASS CAP

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

B. LOCATE, SET AND SECURE CURB.

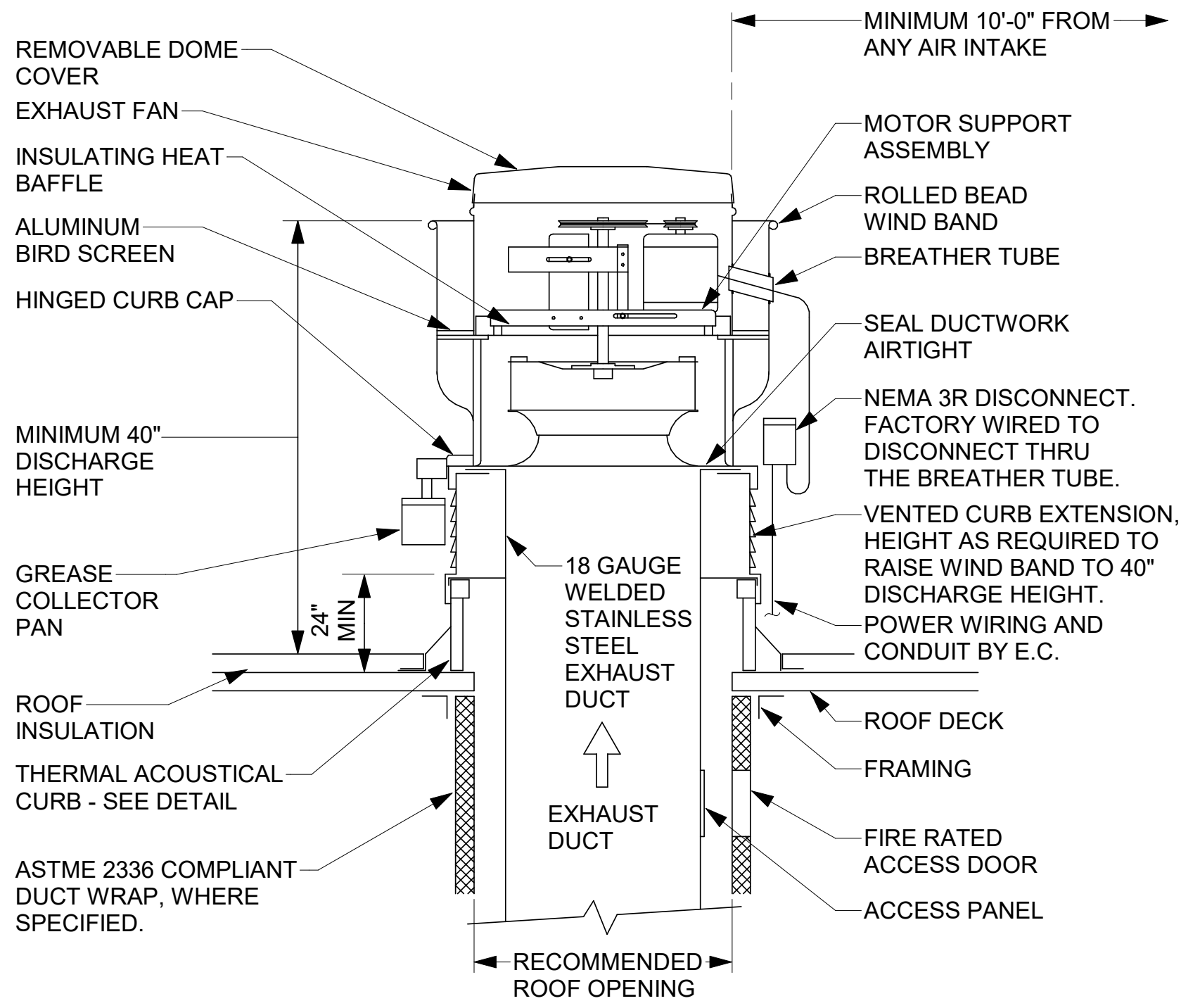
C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

D. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

1 ROOF CURB DETAIL

M500

NOT TO SCALE


MINIMUM 10'-0" FROM ANY AIR INTAKE
REMOVABLE DOME COVER
EXHAUST FAN
INSULATING HEAT BAFFLE
ALUMINUM BIRD SCREEN
HINGED CURB CAP
MOTOR SUPPORT ASSEMBLY
ROLLED BEAD WIND BAND
BREATHER TUBE
SEAL DUCTWORK AIRTIGHT
NEMA 3R DISCONNECT. FACTORY WIRED TO DISCONNECT THRU THE BREATHER TUBE.
MINIMUM 40" DISCHARGE HEIGHT
VENTED CURB EXTENSION, HEIGHT AS REQUIRED TO RAISE WIND BAND TO 40" DISCHARGE HEIGHT.
GREASE COLLECTOR PAN
24" MIN
18 GAUGE WELDED STAINLESS STEEL EXHAUST DUCT
POWER WIRING AND CONDUIT BY E.C.
ROOF INSULATION
ROOF DECK
THERMAL ACOUSTICAL CURB - SEE DETAIL
FRAMING
EXHAUST DUCT
ASTME 2336 COMPLIANT DUCT WRAP, WHERE SPECIFIED.
FIRE RATED ACCESS DOOR
ACCESS PANEL
RECOMMENDED ROOF OPENING

DETAIL NOTES:

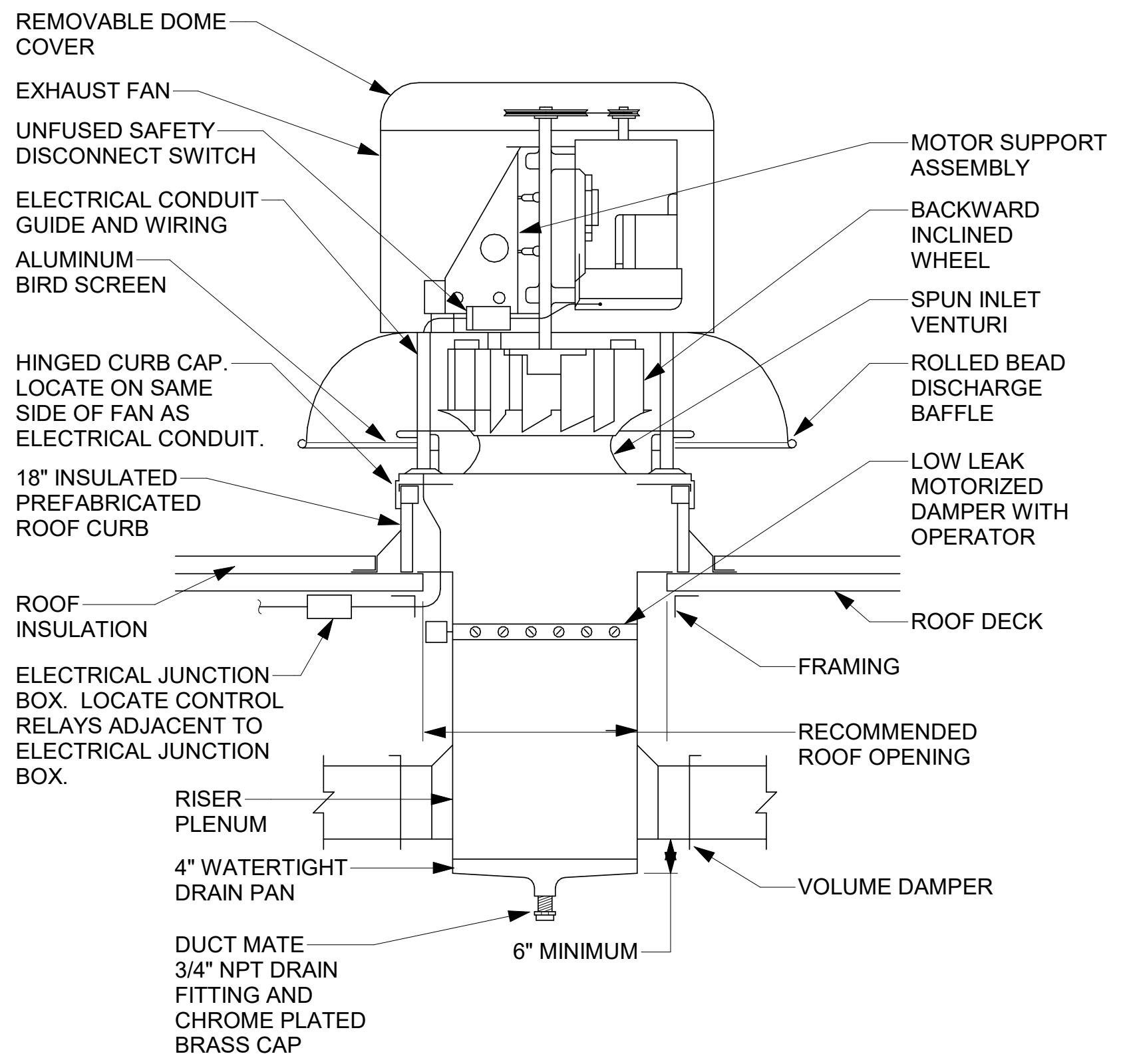
A. REFER TO ROOF CURB DETAIL.

B. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

2 KITCHEN EXHAUST FAN DETAIL

M500

NOT TO SCALE


REMOVABLE DOME COVER
EXHAUST FAN
UNFUSED SAFETY DISCONNECT SWITCH
ELECTRICAL CONDUIT GUIDE AND WIRING
ALUMINUM BIRD SCREEN
MOTOR SUPPORT ASSEMBLY
BACKWARD INCLINED WHEEL
SPUN INLET VENTURI
ROLLED BEAD DISCHARGE BAFFLE
HINGED CURB CAP. LOCATE ON SAME SIDE OF FAN AS ELECTRICAL CONDUIT.
18" INSULATED PREFABRICATED ROOF CURB
LOW LEAK MOTORIZED DAMPER WITH OPERATOR
ROOF INSULATION
ROOF DECK
ELECTRICAL JUNCTION BOX. LOCATE CONTROL RELAYS ADJACENT TO ELECTRICAL JUNCTION BOX.
FRAMING
RECOMMENDED ROOF OPENING
RISER PLENUM
4" WATERTIGHT DRAIN PAN
VOLUME DAMPER
DUCT MATE 3/4" NPT DRAIN FITTING AND CHROME PLATED BRASS CAP
6" MINIMUM

DETAIL NOTES:

A. BELT DRIVEN FAN SHOWN, DIRECT DRIVE SIMILAR.

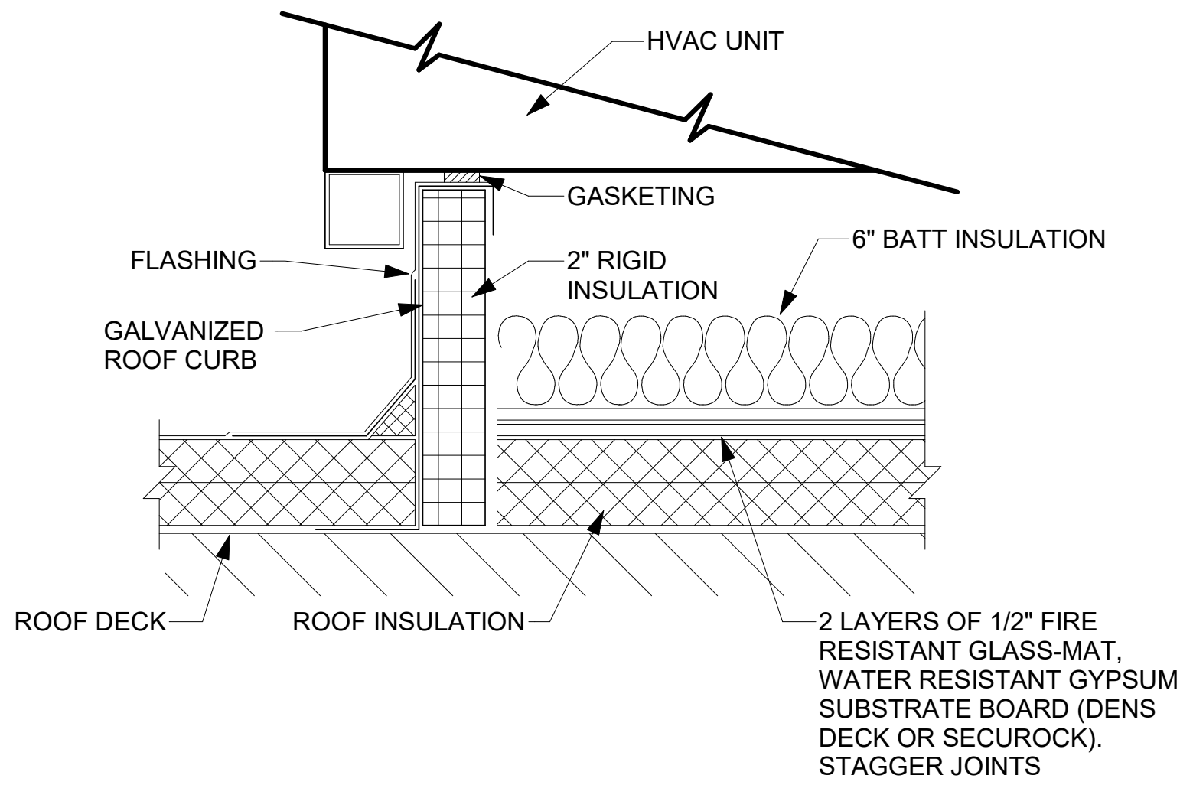
B. REFER TO ROOF CURB DETAIL.

C. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

3 DOWNBLAST EXHAUST FAN DETAIL

M500

NOT TO SCALE


HVAC UNIT
GASKETING
FLASHING
2" RIGID INSULATION
6" BATT INSULATION
GALVANIZED ROOF CURB
ROOF DECK
ROOF INSULATION
2 LAYERS OF 1/2" FIRE RESISTANT GLASS-MAT, WATER RESISTANT GYPSUM SUBSTRATE BOARD (DENS DECK OR SECUROCK). STAGGER JOINTS

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

B. LOCATE, SET AND SECURE CURB.

C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

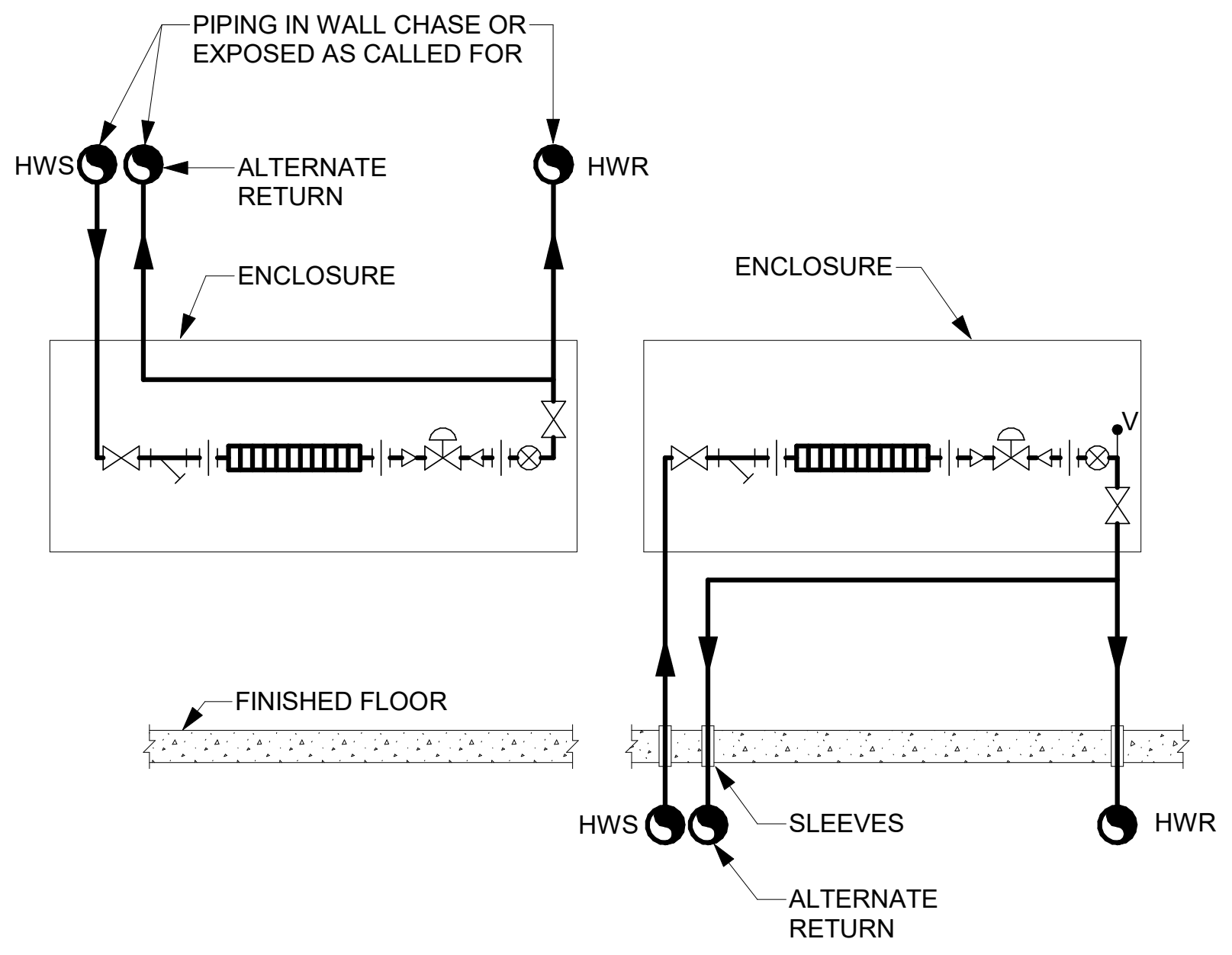
D. PROVIDE BLOCKING BENEATH CURB IN FLUTES OF METAL DECKS.

E. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

4 ROOFTOP EQUIPMENT ROOF CURB DETAIL

M500

NOT TO SCALE



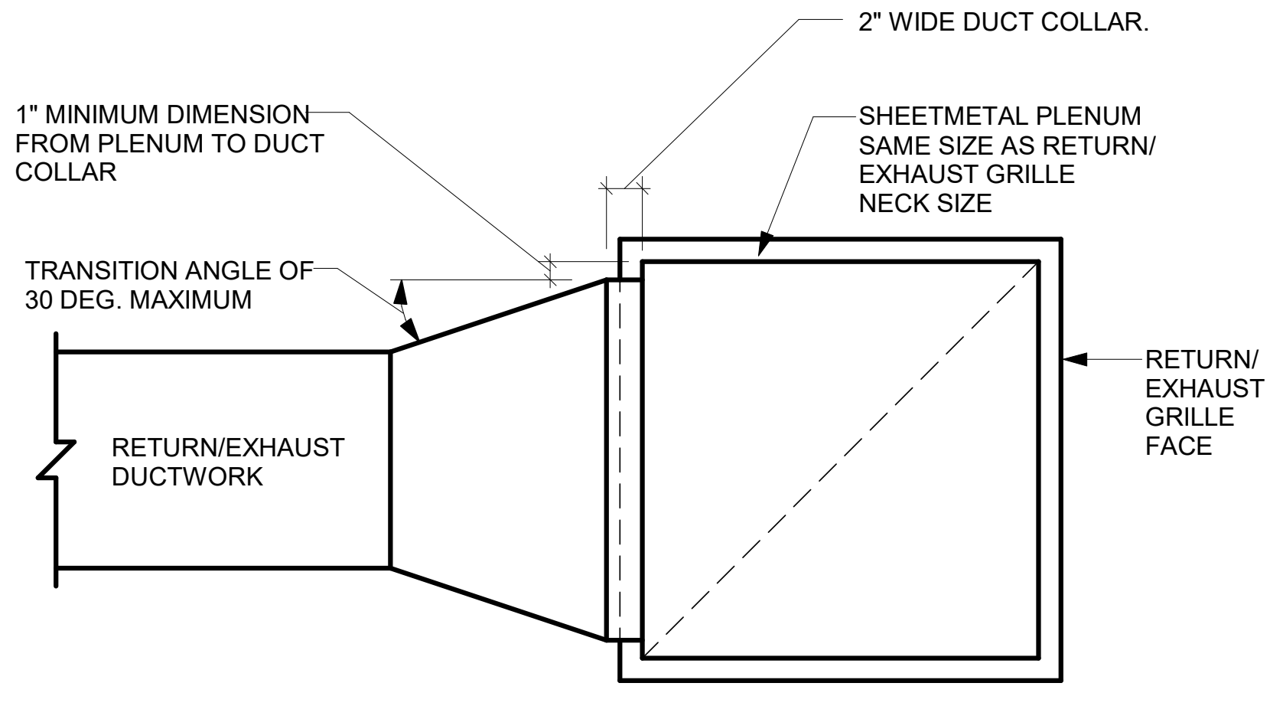
DOWNFEED

UPFEED

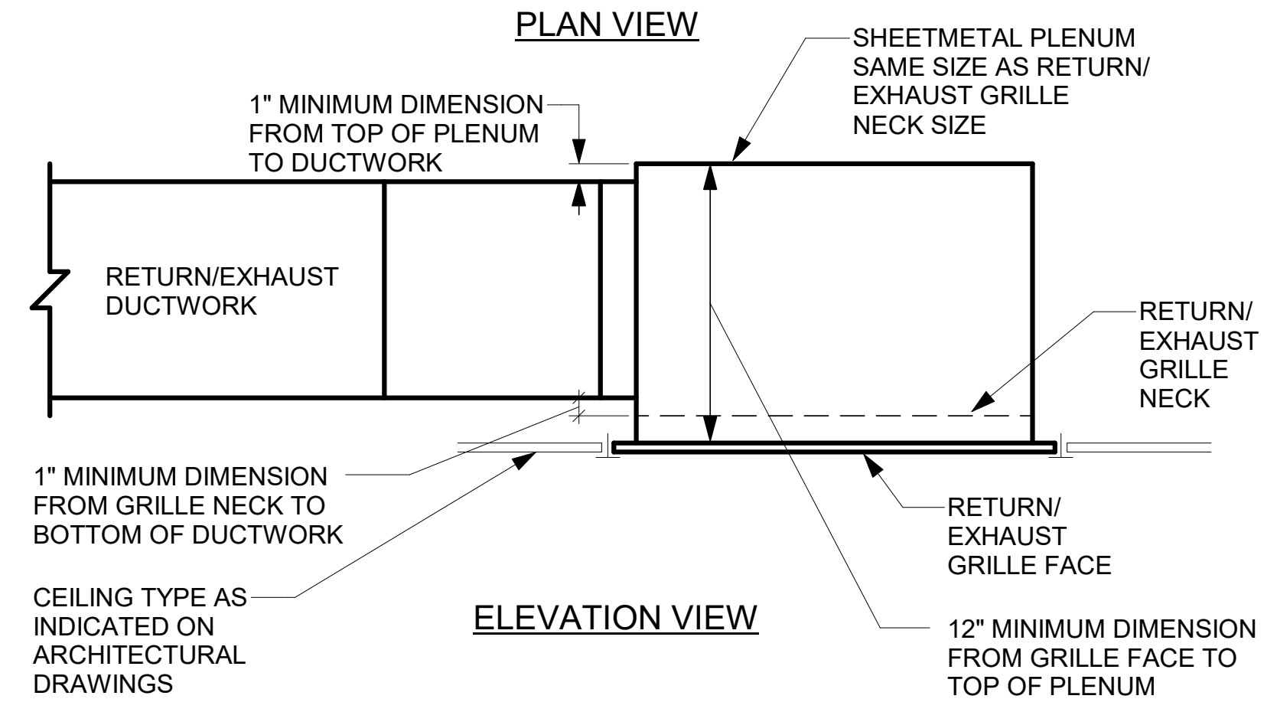
5 HOT WATER CONVECTOR PIPING DETAILS

M500

NOT TO SCALE


2" WIDE DUCT COLLAR.
1" MINIMUM DIMENSION FROM PLENUM TO DUCT COLLAR
SHEETMETAL PLENUM SAME SIZE AS RETURN/ EXHAUST GRILLE NECK SIZE
TRANSITION ANGLE OF 30 DEG. MAXIMUM
RETURN/ EXHAUST GRILLE FACE
RETURN/EXHAUST DUCTWORK

PLAN VIEW


SHEETMETAL PLENUM SAME SIZE AS RETURN/ EXHAUST GRILLE NECK SIZE
1" MINIMUM DIMENSION FROM TOP OF PLENUM TO DUCTWORK
RETURN/EXHAUST DUCTWORK
RETURN/ EXHAUST GRILLE NECK
1" MINIMUM DIMENSION FROM GRILLE NECK TO BOTTOM OF DUCTWORK
RETURN/ EXHAUST GRILLE FACE
CEILING TYPE AS INDICATED ON ARCHITECTURAL DRAWINGS
12" MINIMUM DIMENSION FROM GRILLE FACE TO TOP OF PLENUM

ELEVATION VIEW

DETAIL NOTES:

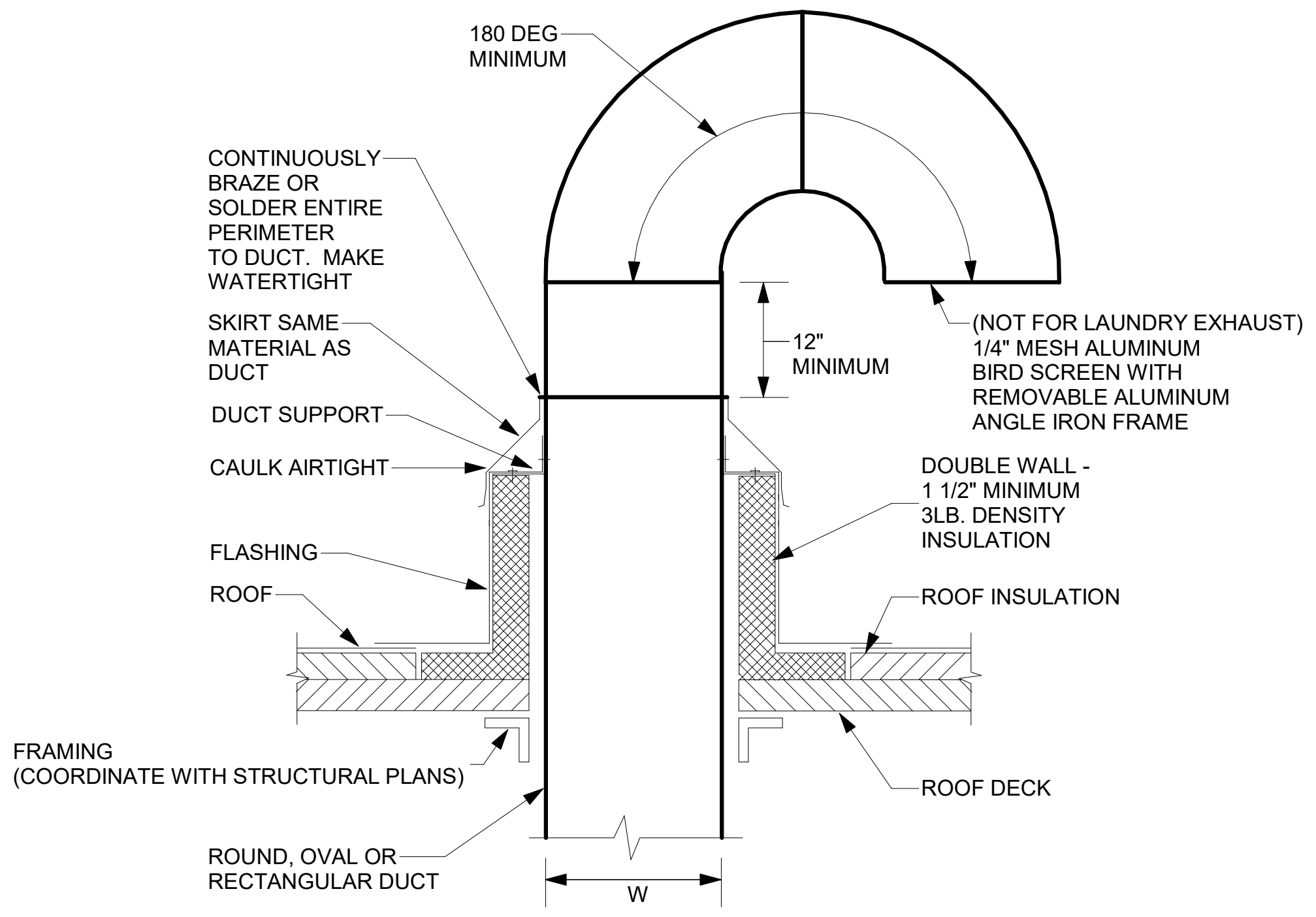
A. PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.

B. ALSO APPLICABLE TO REGISTERS.

6 RETURN/EXHAUST GRILLE PLENUM DETAIL - DUCTED

M500

NOT TO SCALE


180 DEG MINIMUM
CONTINUOUSLY BRAZE OR SOLDER ENTIRE PERIMETER TO DUCT. MAKE WATERTIGHT
SKIRT SAME MATERIAL AS DUCT
12" MINIMUM
(NOT FOR LAUNDRY EXHAUST) 1/4" MESH ALUMINUM BIRD SCREEN WITH REMOVABLE ALUMINUM ANGLE IRON FRAME
DUCT SUPPORT
CAULK AIRTIGHT
DOUBLE WALL - 1 1/2" MINIMUM 3LB. DENSITY INSULATION
FLASHING
ROOF
ROOF INSULATION
FRAMING (COORDINATE WITH STRUCTURAL PLANS)
ROOF DECK
ROUND, OVAL OR RECTANGULAR DUCT
W

DETAIL NOTES:

A. PROVIDE ROOF OPENING, FRAMING AND FLASHING.

B. LOCATE, SET AND SECURE CURB.

C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

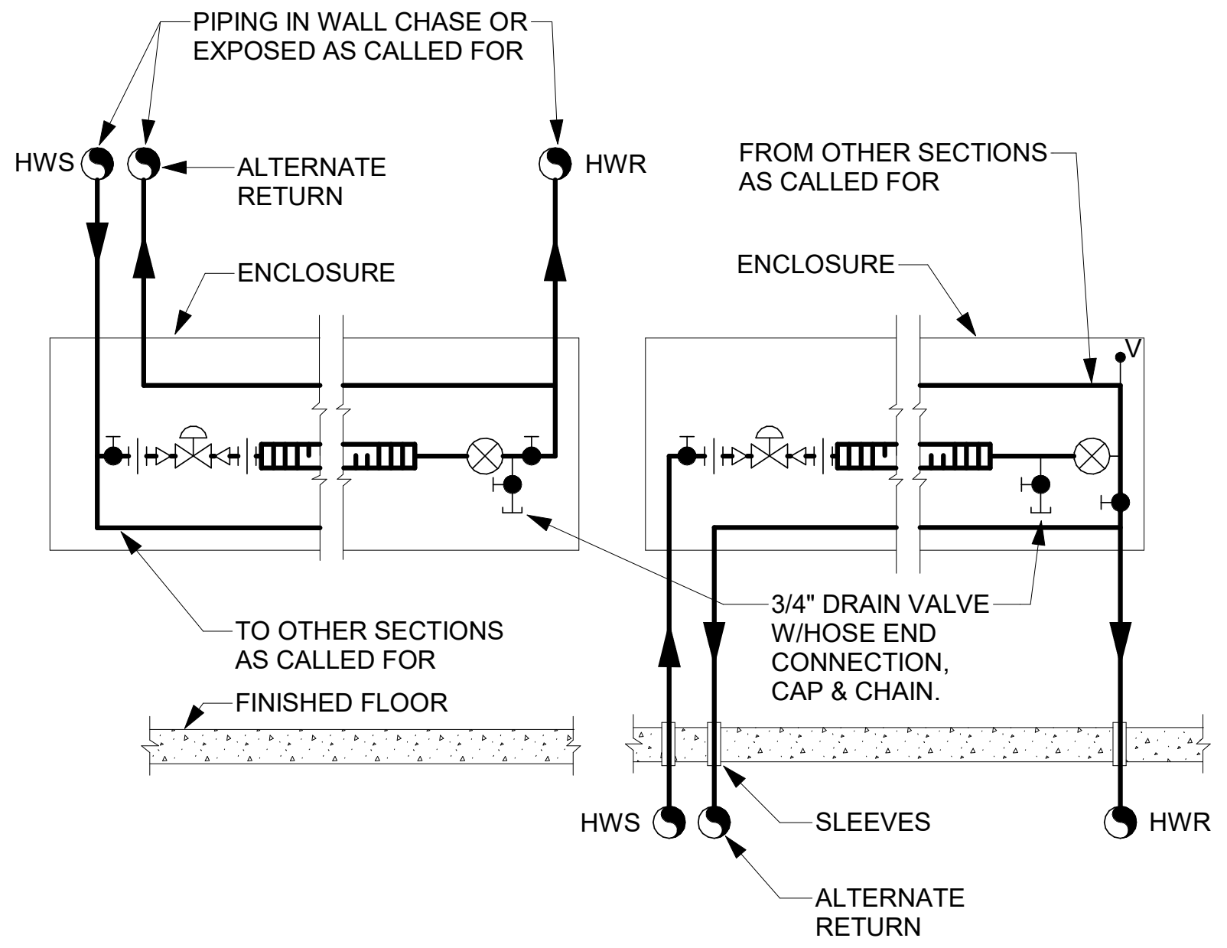
D. FACE EAST UNLESS INDICATED OTHERWISE ON PLANS.

E. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

7 GOOSENECK VENT DETAIL

M500

NOT TO SCALE


PIPING IN WALL CHASE OR EXPOSED AS CALLED FOR
HWS
ALTERNATE RETURN
HWR
FROM OTHER SECTIONS AS CALLED FOR
ENCLOSURE
ENCLOSURE
V
3/4" DRAIN VALVE W/HOSE END CONNECTION, CAP & CHAIN.
TO OTHER SECTIONS AS CALLED FOR
FINISHED FLOOR
HWS
SLEEVES
HWR
ALTERNATE RETURN

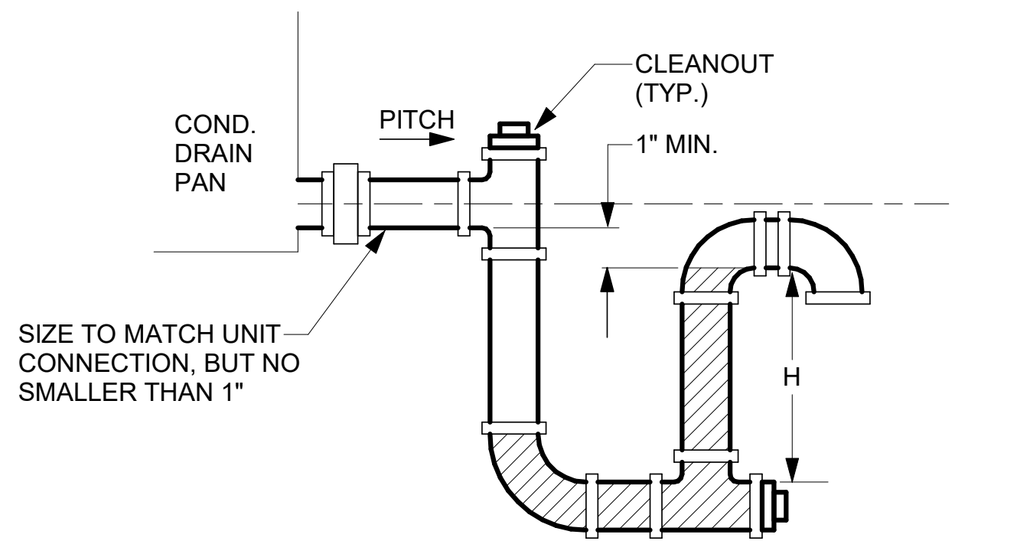
DOWNFEED

UPFEED

8 HOT WATER FIN RADIATION PIPING DETAIL

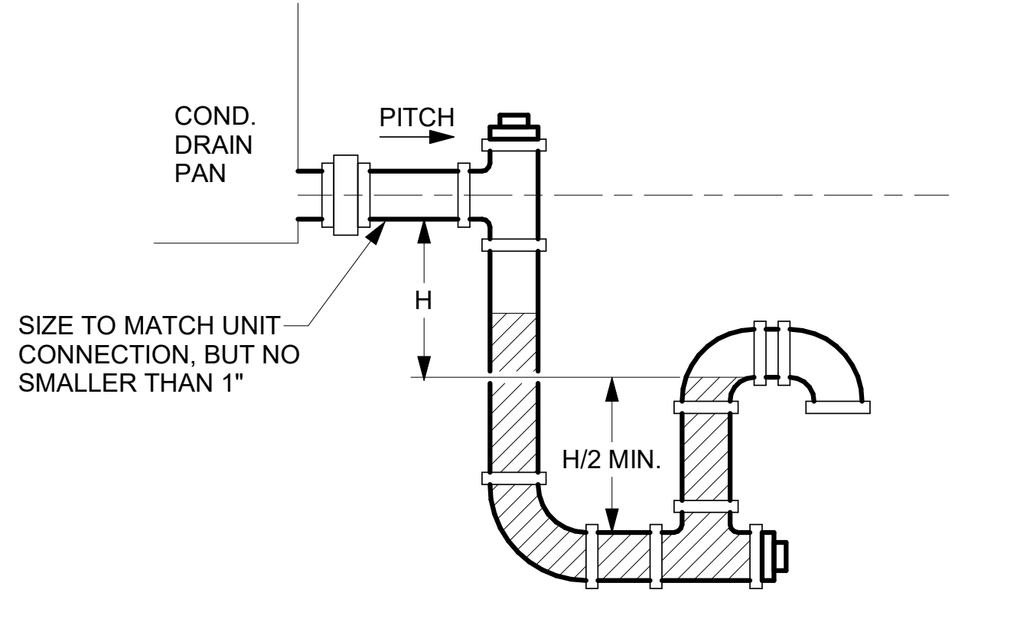
M500

NOT TO SCALE



BLOW THRU UNITS (POSITIVE STATIC PRESSURE)

H = FAN OUTLET PRESSURE OR PRESSURE AT DRAIN PAN SECTION (IN. W.C.) + 1".



DRAW THRU UNITS

H = FAN INLET PRESSURE OR PRESSURE AT DRAIN PAN SECTION (IN. W.C.) + 1"

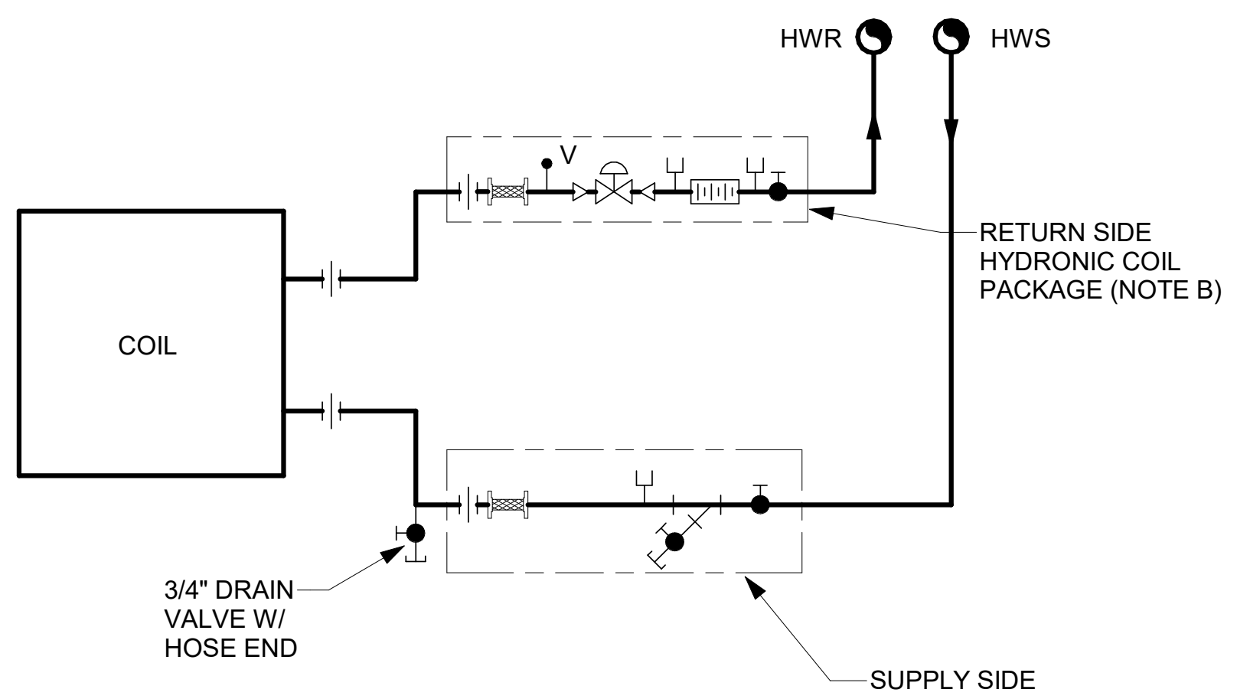
DETAIL NOTES:

A. AS AN ALTERNATE, IT IS ACCEPTABLE TO PIPE THE TRAP EXACTLY AS SHOWN IN THE MANUFACTURER'S INSTALLATION MANUAL.

9 ROOFTOP UNIT CONDENSATE DRAIN TRAP DETAIL

M500

NOT TO SCALE


HWR
HWS
V
COIL
RETURN SIDE HYDRONIC COIL PACKAGE (NOTE B)
3/4" DRAIN VALVE W/ HOSE END
SUPPLY SIDE HYDRONIC COIL PACKAGE (NOTE B)

DETAIL NOTES:

A. ARRANGE PIPING FOR REMOVAL OF COIL WITHOUT DISTURBING PIPING AHEAD OF UNIONS.

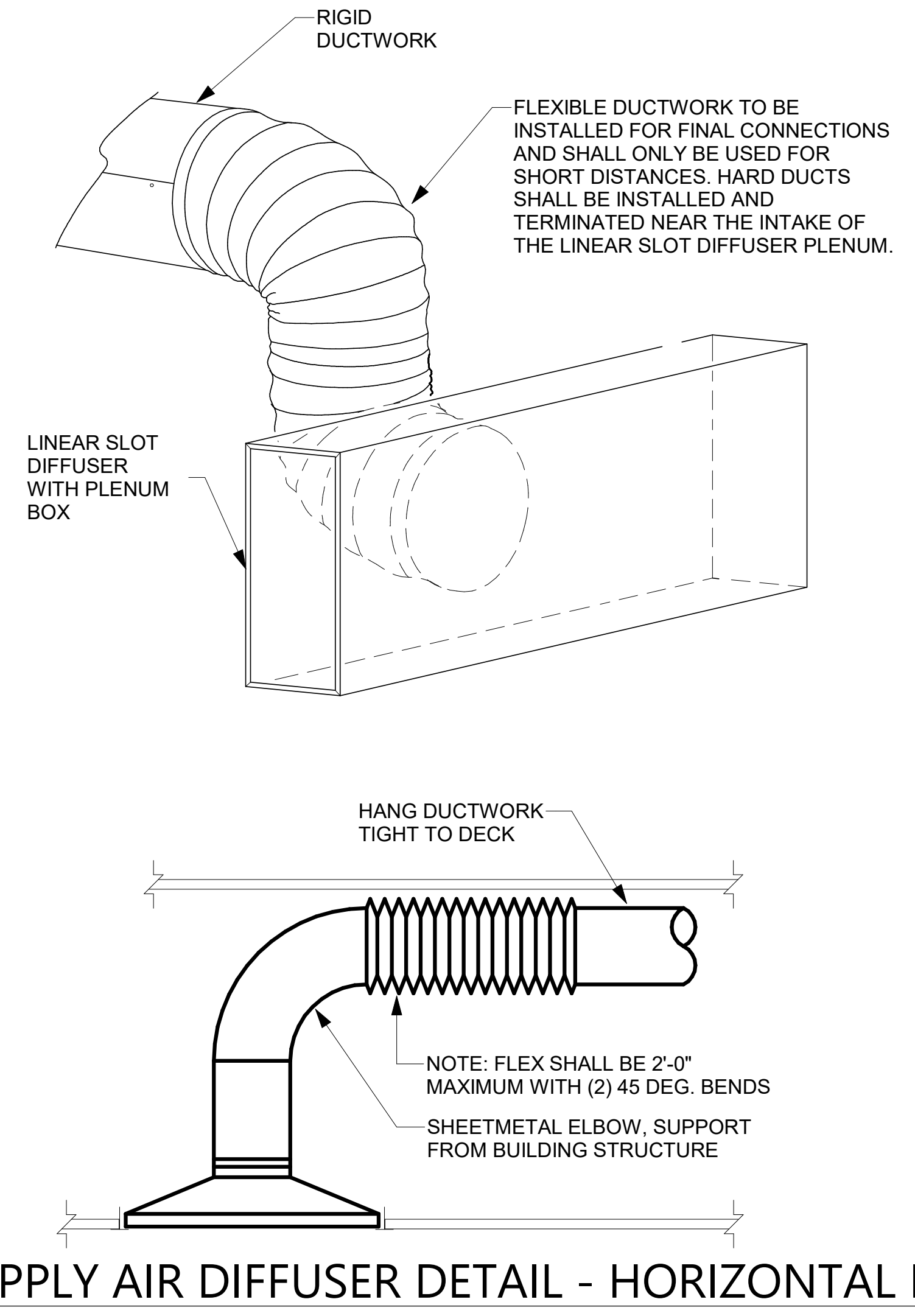
B. FOR DETAILS OF THE HYDRONIC COIL PACKAGE REFER TO SPECIFICATION SECTION 230525 - HYDRONIC COIL PIPING PACKAGE.

C. THIS DETAIL IS APPLICABLE FOR ALL REHEAT COILS IN THE PROJECT.

10 TERMINAL REHEAT COIL PIPING DETAIL - PRESSURE INDEPENDENT - 2 WAY

M500

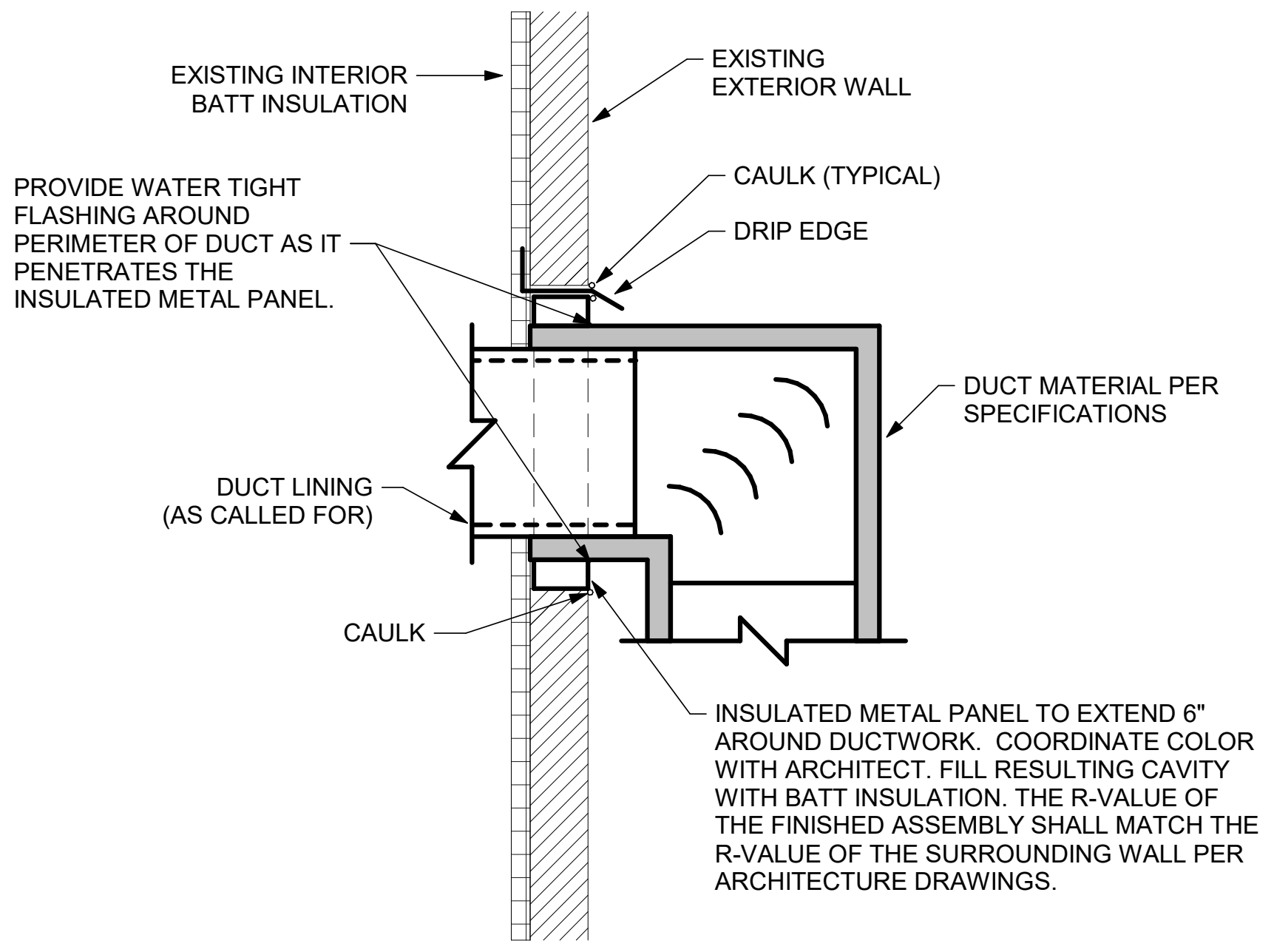
NOT TO SCALE


RIGID DUCTWORK
FLEXIBLE DUCTWORK TO BE INSTALLED FOR FINAL CONNECTIONS AND SHALL ONLY BE USED FOR SHORT DISTANCES. HARD DUCTS SHALL BE INSTALLED AND TERMINATED NEAR THE INTAKE OF THE LINEAR SLOT DIFFUSER PLENUM.
LINEAR SLOT DIFFUSER WITH PLENUM BOX
HANG DUCTWORK TIGHT TO DECK
NOTE: FLEX SHALL BE 2'-0" MAXIMUM WITH (2) 45 DEG. BENDS
SHEETMETAL ELBOW, SUPPORT FROM BUILDING STRUCTURE

11 SUPPLY AIR DIFFUSER DETAIL - HORIZONTAL FLEXIBLE DUCT

M500

NOT TO SCALE

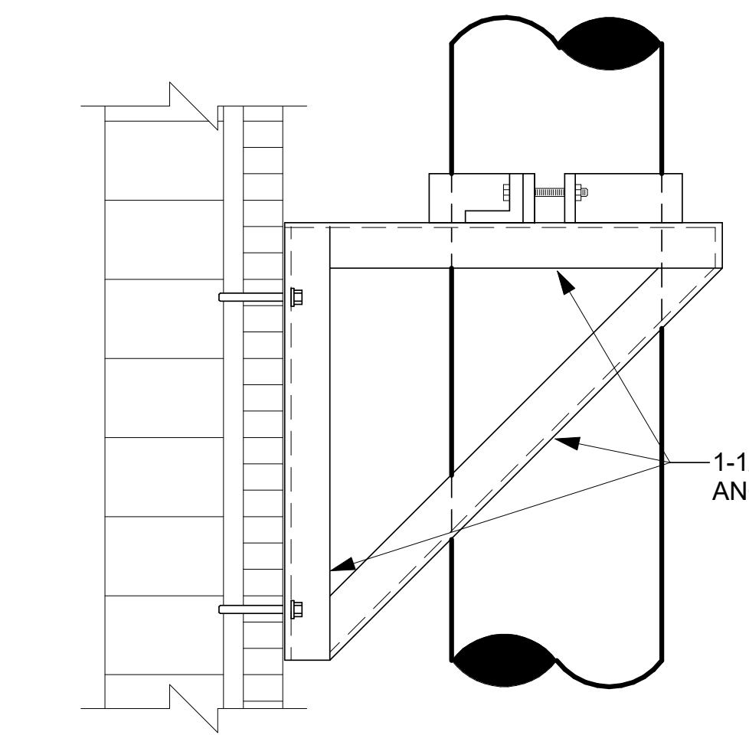

EXISTING INTERIOR BATT INSULATION
EXISTING EXTERIOR WALL
CAULK (TYPICAL)
PROVIDE WATER TIGHT FLASHING AROUND PERIMETER OF DUCT AS IT PENETRATES THE INSULATED METAL PANEL.
DRIP EDGE
DUCT MATERIAL PER SPECIFICATIONS
DUCT LINING (AS CALLED FOR)
CAULK
INSULATED METAL PANEL TO EXTEND 6" AROUND DUCTWORK. COORDINATE COLOR WITH ARCHITECT. FILL RESULTING CAVITY WITH BATT INSULATION. THE R-VALUE OF THE FINISHED ASSEMBLY SHALL MATCH THE R-VALUE OF THE SURROUNDING WALL PER ARCHITECTURE DRAWINGS.

NOTES:
1. TYPICAL TO RETURN AND SUPPLY DUCTWORK.
2. COORDINATE INSTALLATION WITH ARCHITECT AND GC.

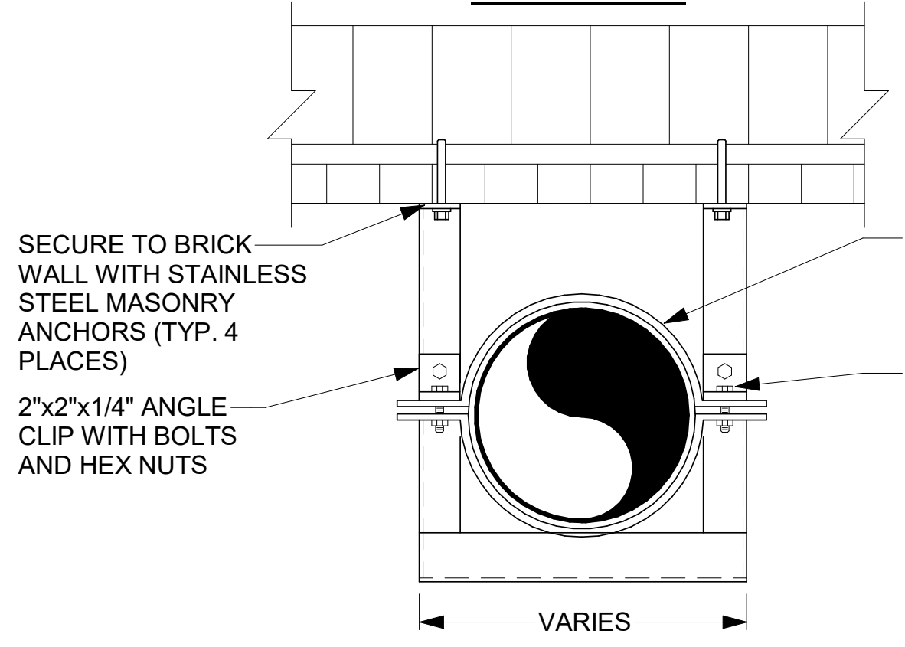
12 DUCT EXTERIOR WALL PENETRATION DETAIL

M500

NOT TO SCALE



ELEVATION VIEW


SECURE TO BRICK WALL WITH STAINLESS STEEL MASONRY ANCHORS (TYP. 4 PLACES)
STANDARD RISER SUPPORT WITH BOLTS AND HEX NUTS
2"x2"x1/4" ANGLE CLIP WITH BOLTS AND HEX NUTS
THROUGH BOLT STANDARD RISER SUPPORT TO ANGLE CLIP (TYP.)
VARIES

PLAN VIEW

DETAIL NOTES:
A. ALL FASTENERS AND APPURTENANCES TO BE 316 STAINLESS STEEL.

B. PAINT ANGLE IRON WITH TWO COATS OF RUST INHIBITIVE PRIMER AND ONE FINISH COAT.

C. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550 - WIND RESTRAINT FOR HVAC SYSTEMS.

D. RECTANGLE DUCTWORK SIMILAR.

13 EXTERIOR VERTICAL PIPE/DUCT SUPPORT DETAIL - WALL-MOUNTED

M500

NOT TO SCALE

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By: DAH
Checked By: MDR
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/2025

Sheet Title

MECHANICAL DETAILS

Sheet No.

WHS M500

CONSTRUCTION DOCUMENTS

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - HEAT PUMP (1 OF 2)

UNIT NO.	LOCATION	SERVICE	SUPPLY FAN										POWER EXHAUST FAN									COOLING COIL (DX)									
							FAN CHARACTERISTICS									FAN CHARACTERISTICS								EAT (DEG. F)		LAT (DEG. F)					
			AIR FLOW (CFM)	MIN O.A. (CFM)	EXT. STATIC (In. WC)	TOTAL STATIC (In. WC)	TYPE	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	AIR FLOW (CFM)	EXT. STATIC (In. WC)	TOTAL STATIC (In. WC)	TYPE	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	TOTAL CAPACITY (MBH)	SENS CAPACITY (MBH)	DB	WB	DB	WB	FACE VEL (FPM)	ROWS	FINS PER INCH	AIR P.D. (In. WC)
RTU-BAND-1	ROOF	173 INSTRUCMENT STORAGE; 173A OFFICE	920	160	0.75	1.55	BC	1 & 18.5 in.	0.45	1	1375	DIRECT	920	0.5	0.55	AXIAL	1 & 16 in.	0.24	1	1261	DIRECT	40.5	25.3	78.4	67.6	52.9	52.8	184	6	12	0.14
RTU-BAND-2	ROOF	191 BAND ROOM	4000	1560	1.5	2.85	BC	1 & 18.5 in.	3.02	5	2024	DIRECT	4000	0.5	1.46	BC	1 & 18.5 in.	1.5	3	1388	DIRECT	128.2	97.1	76.4	64.8	53.9	53.8	267.9	6	14	0.27

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - HEAT PUMP (2 OF 2)

HEATING COIL (DX)						PRE-FILTERS						CONDENSING UNIT					UNIT ELECTRICAL CHARACTERISTICS					MANUFACTURER & MODEL No.	REMARKS
		EAT (DEG. F)		LAT (DEG. F)											PERFORMANCE								
AMBIENT AIR TEMP. (DEG. F)	TOTAL CAPACITY (MBH)	DB	WB	DB	WB	WIDTH	MERV RATING	WIDTH	MERV RATING	INITIAL P.D. (In. WC)	FINAL P.D. (In. WC)	CAPACITY TONS	REFRIGERANT	AMBIENT AIR TEMP. (DEG. F)	MINIMUM EFFICIENCY	TEST PROCEDURE	VOLTS	PHASE	FLA	MCA	MOP		
-7	15.6	60.7	54.1	74.9	59.6	4"	13	2"	8	0.12	0.35	3	R-454B	94.8	11.7 EER	AHRI 210/240	460	3	14	16	20	AAON & RQA-003-A-A-3-GJB0A-00000	1,2,3,4,5,6,8,9,11
37	93.5	65	48.6	83.3	56.3	4"	13	2"	8	0.21	0.35	11	R-454B	90	11.2 EER	AHRI 340/360	460	3	35	37	40	AAON & RNA-011-B-A-3-GJA0B-00000	1,2,3,4,5,6,7,8,10,11

REMARKS:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE UNIT WITH NON-FUSED DISCONNECT SWITCH.
3. PROVIDE 115V CONVENIENCE OUTLET POWERED SEPERATELY FROM UNIT.
4. PROVIDE POWERED EXHAUST FAN SIZED FOR FULL FLOW OPERATION.
5. PROVIDE MODULATING HOT GAS REHEAT.
6. PROVIDE CONDENSATE TRAP.
7. SEE ENERGY RECOVERY UNIT SCHEDULE - WHEEL FOR ENERGY RECOVERY INFORMATION.
8. PROVIDE UNIT WITH INTERNAL VIBRATION ISOLATION FOR THE COMPRESSORS AND FANS.
9. PROVIDE UNIT WITH ECM MOTORS FOR SUPPLY AND EXHAUST FANS.
10. SUPPLY AND EXHAUST FAN TO HAVE INDIVIDUAL ASD'S.
11. PROVIDE UNIT WITH ENTHALPY ECONOMIZER.

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX /GAS (1 OF 2)

UNIT NO.	LOCATION	SERVICE	SUPPLY FAN										POWER EXHAUST FAN									COOLING COIL (DX)									
							FAN CHARACTERISTICS									FAN CHARACTERISTICS								EAT (DEG. F)		LAT (DEG. F)					
			AIR FLOW (CFM)	MIN O.A. (CFM)	EXT. STATIC (In. WC)	TOTAL STATIC (In. WC)	TYPE	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	AIR FLOW (CFM)	EXT. STATIC (In. WC)	TOTAL STATIC (In. WC)	TYPE	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	TOTAL CAPACITY (MBH)	SENS CAPACITY (MBH)	DB	WB	DB	WB	FACE VEL (FPM)	ROWS	FINS PER INCH	AIR P.D. (In. WC)
RTU-LOCKER-1	ROOF	GIRLS LOCKER ROOM	2600	1378	1.5	2.44	BC	1 & 18.5 in.	1.73	3	1888	DIRECT	2600	0.5	0.61	FC	1 & 11 in.	0.56	2	770	DIRECT	159.7	93.6	85.5	71.7	51.6	51.5	178.3	6	12	0.15
RTU-LOCKER-2	ROOF	BOYS LOCKER ROOM	2200	1166	1.5	2.63	BC	1 & 18.5 in.	1.53	2	1792	DIRECT	2200	0.5	0.6	FC	1 & 11 in.	0.77	2	867	DIRECT	120.7	73.1	85.5	71.7	54.2	54.1	258.6	6	14	0.33

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX /GAS (2 OF 2)

GAS FURNACE										PRE-FILTERS						CONDENSING UNIT					UNIT ELEC. CHARACTERISTICS					MANUFACTURER & MODEL No.	REMARKS
AIR SIDE		GAS				EFFICIENCY		COMB. BLOWER											PERFORMANCE								
ENT. AIR TEMP (DEG. F)	LVG. AIR TEMP (DEG. F)	INPUT CAP. (MBH)	OUTPUT CAP. (MBH)	CAPACITY CONTROL (TURN DOWN RATIO)	MIN. GAS PRESSURE BEFORE REGULATOR (In. W.C.)	MIN (%)	TEST PROCEDURE	AIR P.D. (In. WC)	HP EA.	WIDTH	MERV RATING	WIDTH	MERV RATING	INITIAL P.D. (In. WC)	FINAL P.D. (In. WC)	CAPACITY TONS	REFRIGERANT	AMBIENT AIR TEMP. (DEG. F)	MINIMUM EFFICIENCY	TEST PROCEDURE	VOLTS	PHASE	FLA	MCA	MOP		
31.8	87.7	195	158	10:1	6 - 10.5	81	ANSI Z21.47	0.02	0.09	2"	8	4"	13	0.11	0.35	13	R-454B	94.8	11.1 EER	AHRI 340/360	460	3	37	40	50	AAON & RNA-013-B-A-3-GAB0B-CB1L0	1,2,3,4,5,6,7,8,9
31.8	82.6	150	121.5	8:1	6 - 10.5	81	ANSI Z21.47	0.02	0.09	2"	8	4"	13	0.17	0.35	10	R-454B	94.8	11.1 EER	AHRI 340/360	460	3	24	27	40	AAON & RNA-010-A-A-3-GAB0A-CB2L0	1,2,3,4,5,6,7,8,9

REMARKS:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE UNIT WITH NON-FUSED DISCONNECT SWITCH.
3. PROVIDE 115V CONVENIENCE OUTLET POWERED SEPERATELY FROM UNIT.
4. PROVIDE POWERED EXHAUST FAN SIZED FOR FULL FLOW OPERATION.
5. PROVIDE MODULATING HOT GAS REHEAT.
6. PROVIDE CONDENSATE TRAP.
7. PROVIDE UNIT WITH INTERNAL VIBRATION ISOLATION FOR THE COMPRESSORS AND FANS.
8. SUPPLY AND EXHAUST FAN TO HAVE INDIVIDUAL ASD'S.
9. PROVIDE UNIT WITH ENTHALPY ECONOMIZER.

ENERGY RECOVERY UNIT SCHEDULE - WHEEL

UNIT NO.	SERVICE	WINTER DESIGN CONDITIONS															SUMMER DESIGN CONDITIONS																			MANUFACTURER & MODEL No.	REMARKS
		OUTSIDE AIR ENT.			SUPPLY AIR LVG.			RETURN AIR ENT.			EXHAUST AIR LVG.						OUTSIDE AIR ENT.			SUPPLY AIR LVG.			RETURN AIR ENT.			EXHAUST AIR LVG.						DRIVE MOTOR					
		AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	CFM	D.B. (DEG.F)	W.B. (DEG. F)	AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	CFM	D.B. (DEG.F)	W.B. (DEG. F)	HEAT TRANSFER EFFICIENCIES	SUPPLY AIR P.D. (In. WC)	EXHAUST AIR P.D. (In. WC)	AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	AIR FLOW (CFM)	D.B. (DEG.F)	W.B. (DEG. F)	HEAT TRANSFER EFFICIENCIES	SUPPLY AIR P.D. (In. WC)	EXHAUST AIR P.D. (In. WC)	RPM	HP	VOLTS	PHASE		
ERW-BAND-2	RTU-BAND-2	1615	-7	-8	1560	48.2	37.8	2440	68	50	1615	10.8	10.7	74.4%	0.76	0.76	1615	90	71	1560	78.5	65.9	2440	75	64	1615	86.3	69.2	73.1%	0.76	0.76	825	0.08	460	1	AAON & ERC-3623	1,2

REMARKS:
1. PROVIDE UNIT WITH BYPASS DAMPER ON OUTSIDE AND EXHAUST AIR STREAMS.
2. PROVIDE UNIT WITH FROST CONTROL.

HEATING COIL SCHEDULE - HOT WATER

UNIT NO.	LOCATION	SERVICE	TYPE	MOUNTING	CAPACITY (MBH)	AIR SIDE					WATER SIDE					ROWS DEEP	FINS PER INCH	COIL FACE DIMENSIONS		MANUFACTURER & MODEL No.	REMARKS
						AIR FLOW (CFM)	ENT. AIR TEMP. (DEG. F)	LVG. AIR TEMP. (DEG. F)	AIR P.D. (In. W.C.)	MAX. FACE VELOCITY (FPM)	WATER FLOW (GPM)	ENT. WATER TEMP. (DEG. F)	LVG. WATER TEMP. (DEG. F)	WATER P.D. (Ft. HD)	FLUID			LENGTH (In.)	WIDTH (In.)		
HWC-BAND-1	291 FAN ROOM	RTU-BAND-1	STANDARD	FLANGED	46.7	920	50	95.6	0.17	552	3.2	180	150	4.2	WATER	2	7	20	12	NORTEK 5WC-16-12x20x2-7 AL	
HWC-BAND-2	291 FAN ROOM	RTU-BAND-2	STANDARD	FLANGED	197.1	4025	50	94	0.17	552	13.4	180	150	1.8	WATER	2	7	50	21	NORTEK 5WC-4-21x50x2-7 AL	
HWC-LOCKER-1	245 LAUNDRY	RTU-LOCKER-1	STANDARD	FLANGED	131.7	2600	50	95.7	0.17	545	9	180	150	4	WATER	2	7	38	18	NORTEK 5WC-8-18x38x2-7 AL	
HWC-LOCKER-2	245 LAUNDRY	RTU-LOCKER-2	STANDARD	FLANGED	109.3	2200	50	94.9	0.16	535	7.5	180	150	2.7	WATER	2	7	28	21	NORTEK 5WC-8-21x28x2-7 AL	

FAN SCHEDULE

UNIT NO.	LOCATION	SERVICE	FAN CHARACTERISTICS										MOTOR CHARACTERISTICS						MANUFACTURER & MODEL NO.	REMARKS
			TYPE	BLADE TYPE	CFM	S.P. (In. WC)	MAX. BHP	FAN RPM	MAX. TIP SPEED (FPM)	MAX. OUTLET VELOCITY (FPM)	SONES	DRIVE	RPM	HP	VOLTS	HZ	PHASE	STARTER		
EF-1	ROOF	T190/T190A TOILET	DOWNBLAST	BI	1000	0.5	0.139	1253	3936	1053	8.3	DIRECT	1725	1/4	115	60	1	SEE REMARK 2	COOK 120C17D (VF)	1,2,3,4,5,6,7
EF-2	ROOF	T180/T180A TOILET	DOWNBLAST	BI	300	0.5	0.065	1431	3746	350	7.3	DIRECT	1725	1/8	115	60	1	SEE REMARK 2	COOK 100C17DL (VF)	1,2,3,4,5,6,7
EF-BOYS	ROOF	BOYS LOCKER ROOM	DOWNBLAST	BI	685	0.5	0.136	1046	3697	569	8.1	DIRECT	1725	1/4	115	60	1	SEE REMARK 2	COOK 135C17DOR92VF	1,2,3,4,5,6,7
EF-GIRLS	ROOF	GIRLS LOCKER ROOM	DOWNBLAST	BI	685	0.5	0.136	1046	3697	569	8.1	DIRECT	1725	1/4	115	60	1	SEE REMARK 2	COOK 135C17DOR92VF	1,2,3,4,5,6,7
EF-OFFICE	ROOF	PE OFFICE TOILETS AND CUSTODIAL	DOWNBLAST	BI	600	0.5	0.099	1499	3924	917	8.5	DIRECT	1725	1/6	115	60	1	SEE REMARK 2	COOK 101C17D (VF)	1,2,3,4,5,6,7
EF-CUSTODIAL	CUSTODIAL 343C	CUSTODIAL 343C	CEILING	FC	50	0.5	0.015	1584	2177	150	2.5	DIRECT	-	-	115	60	1	SEE REMARK 2	COOK GCVF-340	1,2,3,4,5,6,10
KEF-HS-1	ROOF	HS KITCHEN HOOD 1	UPBLAST	BI	1750	1.5	0.975	1161	5699	404	14	DIRECT	1300	1.5	460	60	3	SEE REMARK 8	CAPTIVEAIRE	1,3,6,8,9
KEF-HS-2	ROOF	HS KITCHEN HOOD 2	UPBLAST	BI	1750	1.5	0.975	1161	5699	404	14	DIRECT	1300	1.5	460	60	3	SEE REMARK 8	CAPTIVEAIRE	1,3,6,8,9
DF-1	ROOF	POOL AREA DRYERS	CENTRIFUGAL IMPELLER	BC	1400	0.551	1.1	1950	1310	1310	20	DIRECT	3100	1.1	120	60	1	FACTORY E-DRIVE	ENERVEX MBES355x	1,6,11,12,13,14,15,16

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. SEE ELECTRICAL PLANS FOR STARTER REQUIREMENTS.
3. PROVIDE FACTORY WIRED DISCONNECT SWITCH.
4. PROVIDE FACTORY WIRED FAN SPEED CONTROLLER FOR BALANCING.
5. PROVIDE EC MOTOR (ELECTRICALLY COMMUTATED).
6. PROVIDE VIBRATION ISOLATION PER SPECIFICATIONS.
7. PROVIDE MOTORIZED DAMPER POWERED IN PARALLEL WITH THE FAN (PO/FC) TO OPEN WHEN THE FAN IS OPERATIONAL WHERE SHOWN ON PLANS. OPERATOR TO BE OUT OF AIRSTREAM.
8. PROVIDE FACTORY MOUNTED AND WIRED VFD SPEED CONTROLLER INTEGRAL TO THE FAN.
9. PROVIDE GREASE CUP, GASKETING KIT, VAV WIRING PACKAGE FOR COMMERCIAL FANS, VFD MOUNTING BRACKET, AND INSULATED HEAT BAFFLE.
10. UNIT TO HAVE INTEGRAL BACK DRAFT DAMPER.
11. PROVIDE MANUFACTURER'S MEC 24 MODULATING EXHAUST CONTROLLER AND XTP SENSOR WITH DUCT PROBE. EC TO TO PROVIDE SEPARATE 120V, 1-PHASE POWER AND DISCONNECT SWITCH FOR MEC 24.
12. PROVIDE MANUFACTURER'S E-DRIVE MOTOR CONTROLLER AND DISCONNECT SWITCH. EC TO TO PROVIDE SEPARATE 120V. 1-PHASE POWER.
13. UNIT TO BE POWERED BY E-DRIVE. PROVIDE MANUFACTURER'S DISCONNECT SWITCH BETWEEN E-DRIVE AND THE UNIT.
14. PROVIDE UNIT WITH ACCESSORIES REQUIRED FOR ROOF CURB MOUNTING.
15. PROVIDE UNIT WITH HINGED ACCESS DOOR.
16. PROVIDE EC MOTOR (ELECTRICALLY COMMUTATED) EFFICIENCY CLASS IE5.

CONVECTOR SCHEDULE - HOT WATER

UNIT NO.	LOCATION	TYPE	CAPACITY (MBH)	AIR SIDE	WATER SIDE				FLUID	NOMINAL DIMENSIONS (LxHxD, In.)	MANUFACTURER & MODEL No.	REMARKS
				ENT. AIR TEMP. (DEG. F)	WATER FLOW (GPM)	WATER P.D. (Ft. HD)	ENT. WATER TEMP. (DEG. F)	LVG. WATER TEMP. (DEG. F)				
C-1	GIRLS TOILET T190	RECESSED	7.26	65	0.5	0.0445	180	150	WATER	60x18x8	STERLING & FWG-A	1,2
C-2	BOYS TOILET T190A	RECESSED	7.26	65	0.5	0.0445	180	150	WATER	60x18x8	STERLING & FWG-A	1,2

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. COORDINATE COLOR SELECTION WITH ARCHITECT PRIOR TO ORDER.

UNIT HEATER SCHEDULE - HOT WATER

UNIT NO.	LOCATION	TYPE	CAPACITY (MBH)	AIR SIDE			WATER SIDE					FAN MOTOR				MOUNTING HEIGHT (Ft.-In.)	THROW (Ft.)	MANUFACTURER & MODEL No.	REMARKS
				AIR FLOW (CFM)	ENT. AIR TEMP (DEG. F)	LVG. AIR TEMP (DEG. F)	FLOW RATE (GPM)	WATER P.D. (Ft. HD)	ENT. WATER TEMP. (DEG. F)	LVG. WATER TEMP. (DEG. F)	FLUID	RPM	HP	VOLTS	PHASE				
UH-291	FAN ROOM 291	HORIZONTAL	32.03	700	65	107	3.2	0.09	180	160	WATER	1000	1/20	115	1	8'-0"	30'	STERLING & HSB06011	1,2,3

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE INTEGRAL NON-FUSED DICONNECT.
3. HANG UNIT FROM STRUCTURE ABOVE.

REGISTER GRILLE AND DIFFUSER SCHEDULE

TYPE	APPLICATION	MATERIAL	FINISH	MANUFACTURER & MODEL NO.	REMARKS
1	SUPPLY	STEEL	WHITE	TITUS & OMNI	1,2
2	SUPPLY	ALUMINUM	WHITE	TITUS & 271-FL	1,2
3	SUPPLY	ALUMINUM	WHITE	TITUS & MPI-39	1,2,3,5,6
A	RETURN/EXHAUST	STEEL	WHITE	TITUS & 355RL	1,2
B	RETURN/EXHAUST	ALUMINUM	WHITE	TITUS & 355FL	1,2
C	RETURN/EXHAUST	ALUMINUM	WHITE	TITUS & 355FL	1,2,4

REMARKS:
1. COORDINATE MOUNTING AND BORDER STYLE WITH THE ARCHITECT'S FINAL APPROVED CEILING/WALL PLANS.
2. COORDINATE COLOR SELECTION WITH ARCHITECT PRIOR TO ORDER.
3. PROVIDE WITH MANUFACTURER'S PATTERN AND VOLUME CONTROLLER.
4. PROVIDE WITH MANUFACTURER'S OPTIONAL NECK MOUNTED OPPOSED BLADE DAMPER.
5. PROVIDE FOUR SLOT UNIT WITH 10" INLET.
6. PROVIDE WITH MANUFACTURER'S OPTIONAL INSULATED PLENUM.

RADIATION SCHEDULE - HOT WATER

UNIT TYPE	CAPACITY (BTUH/LF)	AVERAGE WATER TEMP. (DEG. F)	ENT. AIR TEMP. (DEG. F)	ENT. WATER TEMP. (DEG. F)	FLUID	HEATING ELEMENT						ENCLOSURE			MANUFACTURER & MODEL No.	REMARKS
						TUBE SIZE (In.)	FIN SIZE (In.)	TIERS	FINS/ FT.	FLOW RATE (GPM)	MIN. WATER VELOCITY (FT/SEC.)	HEIGHT (In.)	WIDTH (In.)	MOUNTING HEIGHT TO TOP		
FT-A	1783	170	65	180	WATER	3/4	4-1/4 SQ.	2	50	1.5	3	20	5-5/16	24 in.	STERLING & JVB-S20	1,2

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. COORDINATE COLOR SELECTION WITH ARCHITECT PRIOR TO ORDER.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
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#	DATE	DESCRIPTION

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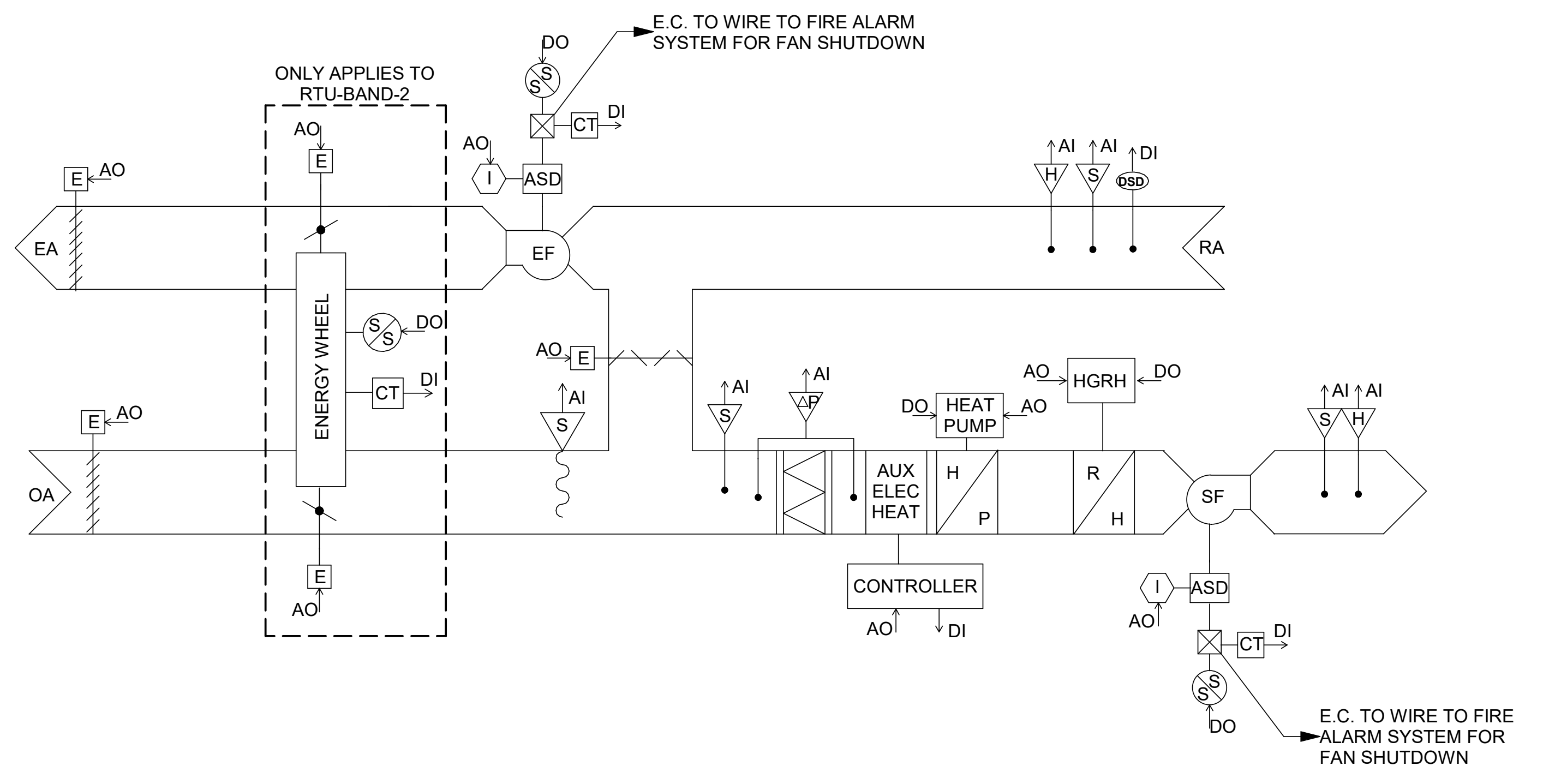
Sheet Title
MECHANICAL SCHEDULES

Sheet No.
WHS
M700

CONSTRUCTION DOCUMENTS


E.C. TO WIRE TO FIRE ALARM SYSTEM FOR FAN SHUTDOWN
ONLY APPLIES TO RTU-BAND-2
ENERGY WHEEL
EA
OA
RA
EF
SF
ASD
CT
HGRH
HEAT PUMP
AUX ELEC HEAT
CONTROLLER
H
P
R
AO
AI
DO
DI
E.C. TO WIRE TO FIRE ALARM SYSTEM FOR FAN SHUTDOWN

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
SUPPLY AIR TEMPERATURE	X				X	X
SUPPLY AIR HUMIDITY	X					X
OUTDOOR AIR TEMPERATURE (SEE NOTE 1)						
OUTDOOR AIR HUMIDITY (SEE NOTE 1)						
RETURN AIR TEMPERATURE	X					X
RETURN AIR HUMIDITY	X					X
OUTSIDE AIR TEMPERATURE AFTER WHEEL	X					X
SUPPLY FAN STATUS		X			X	X
SUPPLY FAN START/STOP				X		X
SUPPLY FAN SPEED COMMAND			X			X
EXHAUST FAN STATUS		X			X	X
EXHAUST FAN START/STOP				X		X
EXHAUST FAN SPEED COMMAND			X			X
O.A. BYPASS DAMPER [RTU-BAND-2 ONLY]			X			X
E.A. BYPASS DAMPER [RTU-BAND-2 ONLY]			X			X
OUTSIDE AIR DAMPER COMMAND			X		X	X
EXHAUST AIR DAMPER COMMAND			X		X	X
MIXED AIR DAMPER COMMAND			X		X	X
HEAT PUMP ENABLE				X		X
HEAT PUMP MODULATION			X			X
HOT GAS REHEAT ENABLE				X		X
HOT GAS REHEAT MODULATION			X			X
MIXED AIR FILTER DIFFERENTIAL PRESSURE		X			X	X
ENERGY WHEEL START/STOP [RTU-BAND-2 ONLY]				X		X
ENERGY WHEEL STATUS [RTU-BAND-2 ONLY]		X			X	X
FIRE ALARM SHUT DOWN (SA AND EA FANS)				X	X	X
DUCT SMOKE DETECTOR		X			X	X
MIXED AIR TEMPERATURE					X	X
AUXILARY ELECTRIC HEAT MODULATION			X			X
AUXILARY ELECTRIC HEAT STATUS		X			X	X

NOTES:
1. OUTDOOR AIR TEMPERATURE AND HUMIDITY TO BE TAKEN FROM EXISTING BMS SYSTEM POINT FOR USE AS NECESSARY WITH THIS SEQUENCE.

RTU-BAND-1 & -2 SEQUENCE OF OPERATIONS:

A. RUN CONDITIONS: THE UNIT SHALL RUN ACCORDING TO A USER DEFINABLE TIME SCHEDULE IN THE FOLLOWING MODES:
    1. OCCUPIED MODE:
        a. THE UNIT SHALL MAINTAIN A 55°F (ADJ.) SUPPLY AIR TEMPERATURE SETPOINT IN COOLING MODE AND A 75°F (ADJ.) SPACE COOLING SETPOINT.
        b. FOR HEATING, A 65°F (ADJ.) SUPPLY AIR TEMPERATURE SETPOINT SHALL BE SET. SPACE HEATING SETPOINT IN HOT WATER COIL SEQUENCE.
        c. THE SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE OUTSIDE AIR AND EXHAUST AIR DAMPERS SHALL BE OPEN (ADJ.) TO PROVIDE SCHEDULED OUTSIDE AND EXHAUST AIRFLOWS.
    2. UNOCCUPIED MODE (NIGHT SETBACK): THE UNIT SHALL OPERATE THE SAME AS IN OCCUPIED MODE WITH THE FOLLOWING EXCEPTIONS.
        a. SPACE COOLING SETPOINT SHALL BE SET BACK TO 85°F (ADJ.). SPACE HEATING SETPOINTS AS DESCRIBED IN HOT WATER COIL SEQUENCE.
        b. UNIT SHALL NOT RUN IF ALL SPACE UNOCCUPIED SETPOINTS ARE SATISFIED. IF A SPACE HAS A CALL FOR HEATING/COOLING, THE UNIT SHALL RUN TO SATISFY THE SETPOINT, AND AGAIN SHUT DOWN.
        c. OUTSIDE AND EXHAUST AIR DAMPERS SHALL BE CLOSED SUCH THAT AIR IS 100% RECIRCULATED.

B. ZONE OPTIMAL START: THE UNIT SHALL USE AN OPTIMAL START ALGORITHM FOR MORNING START-UP. THIS ALGORITHM SHALL MINIMIZE THE UNOCCUPIED WARM-UP OR COOL-DOWN PERIOD WHILE STILL ACHIEVING COMFORT CONDITIONS BY THE START OF SCHEDULED OCCUPIED PERIOD.

C. SUPPLY FAN: THE SUPPLY FAN SHALL RUN TO MAINTAIN A DUCT STATIC PRESSURE AS DETERIMINED IN TESTING AND BALANCING VIA ONBOARD ASD ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUT DOWN ON SAFETIES. TO PREVENT SHORT CYCLING, THE SUPPLY FAN SHALL HAVE A USER DEFINABLE (ADJ.) MINIMUM RUNTIME

D. EXHAUST FAN: THE EXHAUST FAN SHALL RUN AT THE AIRFLOW DETERMINED DURING TESTING AND BALANCING AND MIRROR THE OUTSIDE AIR DAMPER POSITION TO PROVIDE RELIEF IN ECONOMIZER MODE VIA ONBOARD ASD ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUT DOWN ON SAFETIES.

E. ENTHALPY ENERGY WHEEL (RTU-BAND-2 ONLY):
    1. THE CONTROLLER SHALL RUN THE ENTHALPY WHEEL FOR ENERGY RECOVERY AS FOLLOWS:
    2. COOLING MODE: THE ENTHALPY WHEEL SHALL RUN FOR FULL COOL RECOVERY (HOT HUMID DAYS) WHENEVER:
        a. THE OUTSIDE AIR ENTHALPY IS GREATER THAN THE RETURN AIR ENTHALPY
        b. THE ZONE TEMPERATURE IS ABOVE THE COOLING SETPOINT
        c. THE SUPPLY FAN IS ON
    3. THE ENTHALPY WHEEL SHALL RUN FOR PARTIAL COOL RECOVERY (HOT DRY DAYS) WHENEVER:
        a. THE OUTSIDE AIR HUMIDITY RATIO IS LESS THAN THE RETURN AIR HUMIDITY RATIO
        b. THE OUTSIDE AIR TEMPERATURE IS GREATER THAN THE RETURN AIR TEMPERATURE
        c. THE UNIT DISCHARGE AIR DRY BULB DOES NOT DROP BELOW THE ENTHALPY WHEEL SUPPLY AIR DEW POINT
        d. THE ZONE TEMPERATURE IS ABOVE THE COOLING SETPOINT
        e. THE SUPPLY FAN IS ON
    4. HEATING MODE: THE ENTHALPY WHEEL SHALL RUN FOR FULL HEAT RECOVERY WHENEVER:
        a. OUTSIDE AIR ENTHALPY IS LESS THAN RETURN AIR ENTHALPY
        b. THE OUTSIDE AIR TEMPERATURE IS LESS THAN THE RETURN AIR TEMPERATURE
        c. THE ZONE TEMPERATURE IS BELOW THE HEATING SETPOINT
        d. THE SUPPLY FAN IS ON
    5. PERIODIC SELF-CLEANING: THE ENTHALPY WHEEL SHALL RUN FOR 10 SECONDS (ADJ.) AT LEAST ONCE EVERY 4 HOURS (ADJ.) THE UNIT RUNS.
    6. FROST PROTECTION: THE ENTHALPY WHEEL SHALL RUN FOR 10 SECONDS (ADJ.) AT LEAST ONCE EVERY 600 SECONDS (ADJ.) WHENEVER:
        a. OUTSIDE AIR TEMPERATURE DROPS TO WITHIN 2°F (ADJ.) OF THE ENTHALPY WHEEL SUPPLY AIR DEW POINT WHEN OUTSIDE AIR TEMPERATURE IS BELOW 30°F (ADJ.)
        b. OR THE EXHAUST AIR TEMPERATURE DROPS BELOW 25°F (ADJ.)
    7. THE BYPASS DAMPERS SHALL OPEN WHENEVER THE ENTHALPY WHEEL IS DISABLED

F. HEAT PUMP OPERATION: THE CONTROLLER SHALL MEASURE THE SUPPLY AIR TEMPERATURE TO DETERMINE PROPER HEAT PUMP MODE (HEATING/COOLING) AND MODULATE THE DIGITAL SCROLL COMPRESSOR(S) TO MAINTAIN THE UNIT'S COOLING AND HEATING DISCHARGE TEMPERATURE SETPOINT.
    1. IN THE EVENT THAT THERE IS A SPACE HEATING CALL AND THE BOILER PLANT IS NOT ENABLED, THE RTU MOUNTED HEAT PUMP SHALL OPERATE AND THE DISCHARGE AIR TEMPERATURE SETPOINT SHALL BE OVERRIDDEN SUCH THAT THE ROOFTOP UNIT CAN PROVIDE HEATING TO SATISFY THE SPACE HEATING CALL. WHEN THE BOILER PLANT IS ENABLED, THE SEQUENCE SHALL OPERATE AS DESCRIBED ELSEWHERE WITHIN THIS SEQUENCE.
    2. THE HEAT PUMP SHALL PROVIDE HEATING FOR AS LONG AS POSSIBLE. ELECTRIC AUXILIARY HEAT SHALL ONLY BE MODULATED AS REQUIRED WHEN AND IF THE HEAT PUMP CANNOT MAINTAIN DISCHARGE AIR TEMPERATURE SETPOINTS.

G. HOT GAS REHEAT: THE CONTROLLER SHALL ENABLE HOT GAS REHEAT TO MAINTAIN RETURN AIR RELATIVE HUMIDITY OF MAX. 60% (ADJ.).

H. THE CONTROLS SHALL MONITOR THE SPACE TEMPERATURE SETPOINT WITHIN THE SPACE FOR USE IN DETERMINING RTU HEAT/COOL MODE.

I. FILTER STATUS:
    1. A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER(S) WHEN THE FAN IS RUNNING. IF THE SWITCH CLOSES DURING NORMAL OPERATION A DIRTY FILTER ALARM SHALL BE SIGNALED TO THE SYSTEM MANAGER.

J. SUPPLY AIR TEMP: THE CONTROLLER SHALL MONITOR THE SUPPLY AIR TEMPERATURE TO PRODUCE ALARMS AS NOTED BELOW.

K. RETURN AIR SMOKE DETECTION:
    1. THE UNIT SHALL SHUT DOWN AND GENERATE AN ALARM AND SIGNAL TO THE FIRE ALARM SYSTEM UPON RECEIVING A DETECTION OF SMOKE IN THE RETURN AIR DUCT.
        a. THE UNIT SHALL SHUT DOWN IN RESPONSE TO A SIGNAL FROM THE RETURN AIR SMOKE DETECTOR INDICATING THE PRESENCE OF SMOKE. THE SMOKE DETECTOR SHALL BE INTERLOCKED TO THE UNIT THROUGH THE DRY CONTACTS OF THE SMOKE DETECTOR. A MANUAL RESET OF THE SMOKE DETECTOR SHALL BE REQUIRED TO RESTART THE UNIT.

L. FIRE ALARM SHUTDOWN:
    1. THE UNIT SHALL SHUT DOWN UPON RECEIVING A SIGNAL FROM THE FIRE ALARM SYSTEM.

M. REFRIGERANT LEAK DETECTION: THE REFRIGERATN LEAK DETECTION SEQUENCE SHALL BE BY THE MANUFACTUERR'SREFRIGERANT CONTORL MODULE TO OVERRIDE THIS SEQUENCE AS REQUIREDBASED ON A DETECTION OF A REFRIGERANT LEAK.

N. ALARMS SHALL BE PROVIDED AS FOLLOWS:
    1. HIGH SUPPLY AIR TEMP: IF THE SUPPLY AIR TEMPERATURE IS GREATER THAN 120°F (ADJ.)
    2. LOW SUPPLY AIR TEMP: IF THE SUPPLY AIR TEMPERATURE IS LESS THAN 45°F (ADJ.)
    3. HIGH RETURN AIR RELATIVE HUMIDITY: IF THE RELATIVE HUMIDITY IS GREATER THAN 60% (ADJ.)
    4. LOW ZONE RELATIVE HUMIDITY: IF THE ZONE RELATIVE HUMIDITY IS LESS THAN 40% (ADJ.)
    5. SUPPLY FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
    6. SUPPLY FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON
    7. EXHAUST FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
    8. EXHAUST FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON
    9. ENTHALPY WHEEL FAILURE: COMMANDED ON, BUT THE STATUS IS OFF (RTU-BAND-2 ONLY)
    10. ENTHALPY WHEEL IN HAND: COMMANDED OFF, BUT THE STATUS IS ON (RTU-BAND-2 ONLY)
    11. FILTER CHANGE REQUIRED: FILTER DIFFERENTIAL PRESSURE EXCEEDS A USER DEFINABLE LIMIT (ADJ.)
    12. ALARM SIGNAL FROM THE REFRIGERANT SYSTEM MODULE.
    13. AUXILARY ELECTRIC HEAT FAILURE.

2 RTU-BAND-1, RTU-BAND-2 CONTROL SEQUENCE

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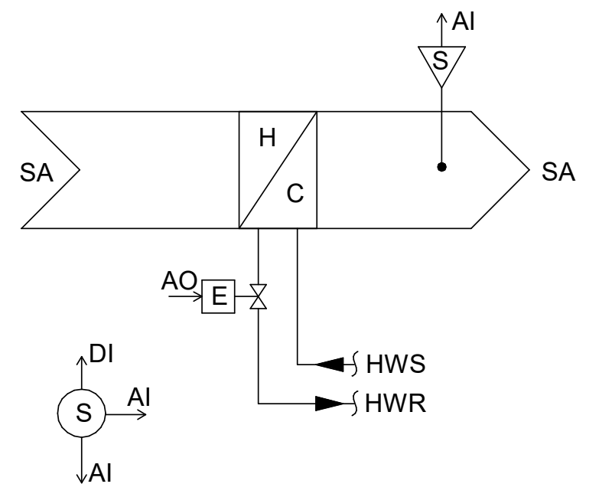

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
SPACE TEMPERATURE	X				X	X
DISCHARGE AIR TEMPERATURE	X				X	X
LOCAL ZONE SETPOINT ADJUST	X					X
USER OCCUPANCY OVERRIDE		X				X
HOT WATER CONTROL VALVE POSITION COMMAND			X			X

DUCT MOUNTED HOT WATER COIL SEQUENCE OF OPERATIONS:

A. SPACE HEATING SETPOINTS:
    1. OCCUPIED MODE: THE UNIT SHALL MAINTAIN A 70°F (ADJ.) ZONE HEATING SETPOINT.
    2. UNOCCUPIED MODE: THE UNIT SHALL MAINTAIN A 60°F (ADJ.) ZONE HEATING SETPOINT.

B. COOLING MODE: BASED ON DUAL TEMPERATURE WATER LOOP USAGE.
    1. WHEN THE CHILLED WATER PLANT IS ACTIVE AND ENABLED, THE HOT WATER CONTROL VALVE SHALL BE COMMANDED CLOSED AT ALL TIMES

C. HEATING MODE: BASED ON DUAL TEMPERATURE WATER LOOP USAGE.
    1. THE CONTROLLER SHALL MEASURE THE ZONE TEMPERATURE AND MODULATE THE REHEATING COIL TO MAINTAIN SETPOINT.
    2. THE CONTROLLER SHALL MONITOR THE DISCHARGE AIR TEMPERATURE FROM THE UNIT AND LIMIT REHEATING IF THE DISCHARGE AIR TEMPERATURE IS MORE THAN 25°F (ADJ.) ABOVE THE ZONE TEMPERATURE.
    3. CONTROL VALVE SHALL BE MODULATED AS NECESSARY TO COMPLY WITH THE ASSOCIATED RTU WARM-UP SEQUENCE.

D. LOCAL ZONE SETPOINT ADJUST AND OCCUPANCY OVERRIDE:
    1. AN OCCUPANT SHALL BE ABLE TO OVERRIDE THE ZONE TEMPERATURE SETPOINTS AT THE ZONE SENSOR FOR 2 HOURS (ADJ.). AT THE EXPIRATION OF THIS TIME, ZONE SETPOINT SHALL AUTOMATICALLY RETURN TO THE SCHEDULED TEMPERATURE SETPOINT. LIMITING OF TEMPERATURE ADJUSTMENT ABOVE OR BELOW SCHEDULED SETPOINT SHALL BE +/- 2°F (ADJ.).
    2. A TIMED LOCAL OVERRIDE CONTROL SHALL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND PLACE THE ROOFTOP UNIT INTO AN OCCUPIED MODE FOR 2 HOURS (ADJ.). AT THE EXPIRATION OF THIS TIME, CONTROL OF THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULED OCCUPANCY MODE. THIS SHALL ALSO ADJUST THE OCCUPANCY MODE OF THE ASSOCIATED RTU.
    3. PROVIDE NECESSARY COMMUNICATIONS TO THE ASSOCIATED RTU TO COMMUNICATE SPACE TEMPERATURE SETPOINT ADJUSTMENT.

E. ALARMS SHALL BE PROVIDED AS FOLLOWS:
    1. HIGH ZONE TEMP: IF THE ZONE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.) FOR 5 MINUTES (ADJ.).
    2. LOW ZONE TEMP: IF THE ZONE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.) FOR 5 MINUTES (ADJ.).
    3. HIGH SUPPLY AIR TEMPERATURE: IF THE DISCHARGE AIR TEMPERATURE FROM THE UNIT EXCEEDS THE 25°F LIMIT AS DESCRIBED ABOVE FOR 3 MINUTES (ADJ.)

3 HWC-BAND-1, HWC-BAND-2, HWC-LOCKER-1, HWC-LOCKER-2 CONTROL SEQUENCE

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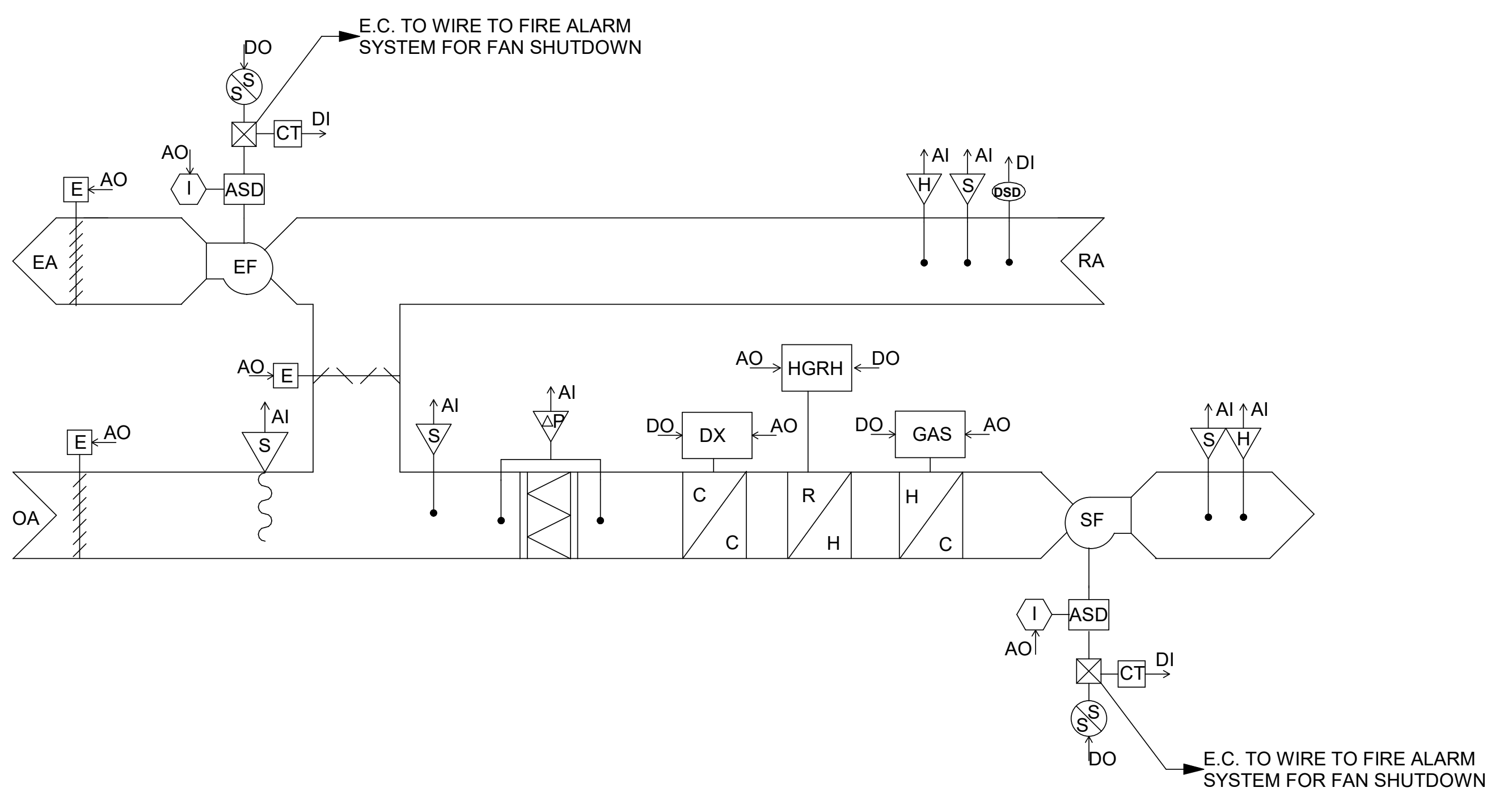
E.C. TO WIRE TO FIRE ALARM SYSTEM FOR FAN SHUTDOWN
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E.C. TO WIRE TO FIRE ALARM SYSTEM FOR FAN SHUTDOWN

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
SUPPLY AIR TEMPERATURE	X				X	X
SUPPLY AIR HUMIDITY	X					X
OUTDOOR AIR TEMPERATURE (SEE NOTE 1)						
OUTDOOR AIR HUMIDITY (SEE NOTE 1)						
RETURN AIR TEMPERATURE	X					X
RETURN AIR HUMIDITY	X					X
OUTSIDE AIR TEMPERATURE AFTER WHEEL	X					X
SUPPLY FAN STATUS		X			X	X
SUPPLY FAN START/STOP				X		X
SUPPLY FAN SPEED COMMAND			X			X
EXHAUST FAN STATUS		X			X	X
EXHAUST FAN START/STOP				X		X
EXHAUST FAN SPEED COMMAND			X			X
OUTSIDE AIR DAMPER COMMAND			X		X	X
EXHAUST AIR DAMPER COMMAND			X		X	X
MIXED AIR DAMPER COMMAND			X		X	X
DX COOLING ENABLE				X		X
DX COOLING MODULATION			X			X
HOT GAS REHEAT ENABLE				X		X
HOT GAS REHEAT MODULATION			X			X
MIXED AIR FILTER DIFFERENTIAL PRESSURE		X			X	X
GAS HEAT ENABLE				X		X
GAS HEAT MODULATION			X			
FIRE ALARM SHUT DOWN (SA AND EA FANS)				X	X	X
DUCT SMOKE DETECTOR		X			X	X
MIXED AIR TEMPERATURE					X	X

NOTES:
1. OUTDOOR AIR TEMPERATURE AND HUMIDITY TO BE TAKEN FROM EXISTING BMS SYSTEM POINT FOR USE AS NECESSARY WITH THIS SEQUENCE.

RTU-LOCKER-1 & -2 SEQUENCE OF OPERATIONS:

A. RUN CONDITIONS: THE UNIT SHALL RUN ACCORDING TO A USER DEFINABLE TIME SCHEDULE IN THE FOLLOWING MODES:
    1. OCCUPIED MODE:
        a. THE UNIT SHALL MAINTAIN A 55°F (ADJ.) SUPPLY AIR TEMPERATURE SETPOINT IN COOLING MODE AND A 75°F (ADJ.) SPACE COOLING SETPOINT.
        b. FOR HEATING, A 65°F (ADJ.) SUPPLY AIR TEMPERATURE SETPOINT SHALL BE SET. SPACE HEATING SETPOINT IN HOT WATER COIL SEQUENCE.
        c. THE SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE OUTSIDE AIR AND EXHAUST AIR DAMPERS SHALL BE OPEN (ADJ.) TO PROVIDE SCHEDULED OUTSIDE AND EXHAUST AIRFLOWS.
    2. UNOCCUPIED MODE (NIGHT SETBACK): THE UNIT SHALL OPERATE THE SAME AS IN OCCUPIED MODE WITH THE FOLLOWING EXCEPTIONS.
        a. SPACE COOLING SETPOINTS SHALL BE SET BACK TO 85°F (ADJ.). SPACE HEATING SETPOINTS AS DESCRIBED IN HOT WATER COIL SEQUENCE.
        b. UNIT SHALL NOT RUN IF ALL SPACE UNOCCUPIED SETPOINTS ARE SATISFIED. IF A SPACE HAS A CALL FOR HEATING/COOLING, THE UNIT SHALL RUN TO SATISFY THE SETPOINT, AND AGAIN SHUT DOWN.
        c. OUTSIDE AND EXHAUST AIR DAMPERS SHALL BE CLOSED SUCH THAT AIR IS 100% RECIRCULATED.

B. ZONE OPTIMAL START: THE UNIT SHALL USE AN OPTIMAL START ALGORITHM FOR MORNING START-UP. THIS ALGORITHM SHALL MINIMIZE THE UNOCCUPIED WARM-UP OR COOL-DOWN PERIOD WHILE STILL ACHIEVING COMFORT CONDITIONS BY THE START OF SCHEDULED OCCUPIED PERIOD.

C. SUPPLY FAN: THE SUPPLY FAN SHALL RUN TO MAINTAIN A DUCT STATIC PRESSURE AS DETERIMINED IN TESTING AND BALANCING VIA ONBOARD ASD ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUT DOWN ON SAFETIES. TO PREVENT SHORT CYCLING, THE SUPPLY FAN SHALL HAVE A USER DEFINABLE (ADJ.) MINIMUM RUNTIME

D. EXHAUST FAN: THE EXHAUST FAN SHALL NOT OPERATE UNDER NORMAL OCCUPIED OR UNOCCUPIED CONDITIONS. DURING ECONOMIZER MODE, THE BMS SHALL MONITOR THE POSITION OF THE OUTSIDE AIR DAMPER WHEN IT MOVES FROM IT'S OCCUPIED SETTING POSITION (DATUM POINT) AND MODULATE THE SPEED OF THE EXHAUST FAN ALONG A CURVE FROM 0 TO THE MAXIMUM FAN SPEED PROVIDING 47% OF THE TOTAL SUPPLY AIR OF THE UNIT AS DETERMINED DURING TESTING AND BALANCING WHEN THE OUTSIDE AIR DAMPER IS FULL OPEN.

E. COOLING STAGES: THE CONTROLLER SHALL MEASURE THE SUPPLY AIR TEMPERATURE AND MODULATE THE DIGITAL SCROLL COMPRESSOR(S) TO MAINTAIN ITS COOLING SETPOINT.

F. HOT GAS REHEAT: THE CONTROLLER SHALL ENABLE HOT GAS REHEAT AS REQUIRED TO MAINTAIN RETURN AIR RELATIVE HUMIDITY OF MAX. 60% (ADJ.).

G. GAS HEATING: THE CONTROLLER SHALL MEASURE THE SUPPLY AIR TEMPERATURE AND MODULATE THE GAS HEATING TO MAINTAIN SUPPLY AIR TEMPERATURE HEATING SETPOINT.

H. FILTER STATUS:
    1. A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER(S) WHEN THE FAN IS RUNNING. IF THE SWITCH CLOSES DURING NORMAL OPERATION A DIRTY FILTER ALARM SHALL BE SIGNALED TO THE SYSTEM MANAGER.

I. THE CONTROLS SHALL MONITOR THE SPACE TEMPERATURE SETPOINT WITHIN THE SPACE FOR USE IN DETERMINING RTU HEAT/COOL MODE.

J. SUPPLY AIR TEMP: THE CONTROLLER SHALL MONITOR THE SUPPLY AIR TEMPERATURE TO PRODUCE ALARMS AS NOTED BELOW.

K. RETURN AIR SMOKE DETECTION:
    1. THE UNIT SHALL SHUT DOWN AND GENERATE AN ALARM AND SIGNAL TO THE FIRE ALARM SYSTEM UPON RECEIVING A DETECTION OF SMOKE IN THE RETURN AIR DUCT.
        a. THE UNIT SHALL SHUT DOWN IN RESPONSE TO A SIGNAL FROM THE RETURN AIR SMOKE DETECTOR INDICATING THE PRESENCE OF SMOKE. THE SMOKE DETECTOR SHALL BE INTERLOCKED TO THE UNIT THROUGH THE DRY CONTACTS OF THE SMOKE DETECTOR. A MANUAL RESET OF THE SMOKE DETECTOR SHALL BE REQUIRED TO RESTART THE UNIT.

L. FIRE ALARM SHUTDOWN:
    1. THE UNIT SHALL SHUT DOWN UPON RECEIVING A SIGNAL FROM THE FIRE ALARM SYSTEM.

M. REFRIGERANT LEAK DETECTION: THE REFRIGERATN LEAK DETECTION SEQUENCE SHALL BE BY THE MANUFACTUERR'SREFRIGERANT CONTORL MODULE TO OVERRIDE THIS SEQUENCE AS REQUIREDBASED ON A DETECTION OF A REFRIGERANT LEAK.

N. ALARMS SHALL BE PROVIDED AS FOLLOWS:
    1. HIGH SUPPLY AIR TEMP: IF THE SUPPLY AIR TEMPERATURE IS GREATER THAN 120°F (ADJ.)
    2. LOW SUPPLY AIR TEMP: IF THE SUPPLY AIR TEMPERATURE IS LESS THAN 45°F (ADJ.)
    3. HIGH RETURN AIR RELATIVE HUMIDITY: IF THE RELATIVE HUMIDITY IS GREATER THAN 60% (ADJ.)
    4. LOW ZONE RELATIVE HUMIDITY: IF THE ZONE RELATIVE HUMIDITY IS LESS THAN 40% (ADJ.)
    5. SUPPLY FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
    6. SUPPLY FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON
    7. EXHAUST FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
    8. EXHAUST FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON
    9. FILTER CHANGE REQUIRED: FILTER DIFFERENTIAL PRESSURE EXCEEDS A USER DEFINABLE LIMIT (ADJ.)
    10. ALARM SIGNAL FROM THE REFRIGERANT SYSTEM MODULE.

1 RTU-LOCKER-1, RTU-LOCKER-2 CONTROL SEQUENCE

M800

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Consultant
M/E Project #: 243033

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

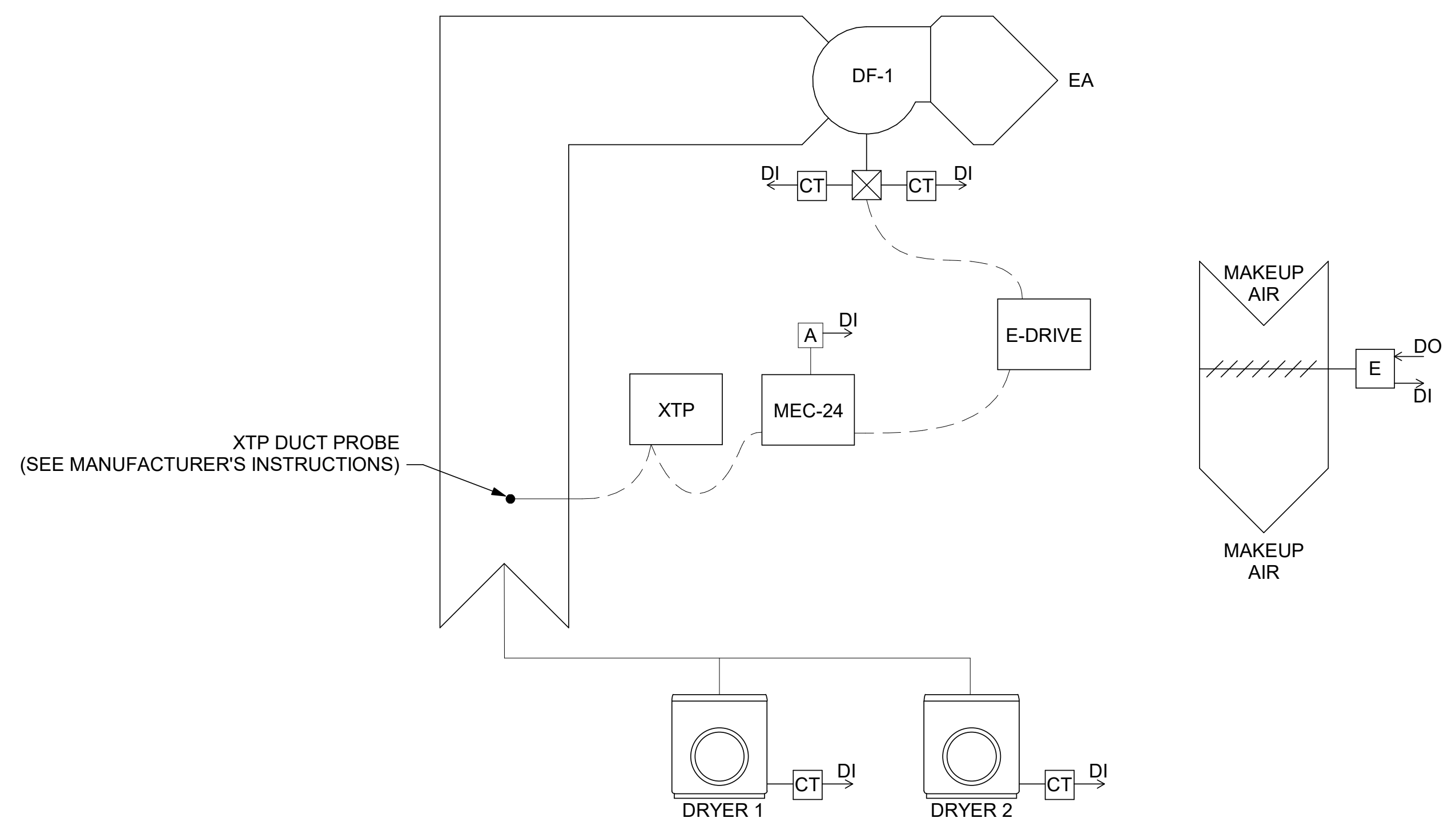
Drawn By:	MDR
Checked By:	MDR
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title
MECHANICAL CONTROLS

Sheet No.
WHS M800

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt



SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN STATUS (NO POWER)		X			X	X
FAN STATUS (MINIMUM OR ACTIVE SPEED)		X			X	X
MEC-24 GENERAL ALARM		X			X	X
DRYER 1 STATUS		X			X	X
DRYER 2 STATUS		X			X	X
MAKE UP AIR DAMPER COMMAND				X	X	X
MAKE UP AIR DAMPER STATUS		X			X	X

DRYER EXHAUST FAN AND MAKEUP AIR CONTROL SEQUENCE:

A. DRYER FAN DF-1:

1. THE FAN SHALL OPERATE ON IT'S FACTORY CONTROLS. COORDINATE WITH MANUFACUTRER'S DOCUMENTATION FOR BMS MONITOR AND ALARM TIE INS.

2. THE FAN SHALL RUN CONTINUOUSLY 24/7 AT A MINMUM SPEED PER MANUFACTURER'S CONTROLLER MEC-24. WHEN THE SYSTEM SENSES (VIA PRESSURE PROBE) THAT THERE IS A DRYER OPERATIONAL, THE FAN SHALL RAMP UP PER IT'S FACTORY CONTROLS TO PROVIDE SET PRESSURE IN THE EXHAUST DUCT SYSTEM (PER FACTORY CONTROLS).

3. THE FAN STATUS SHALL BE MONITORED BY A CURRENT TRANSDUCER ON THE FAN POWER FEED FROM THE E-DRIVE. THE CT SENSITIVITY SHALL BE SET SUCH THAT THE FAN IS CONSIDERED "ON" WHEN THE SENSED CURRENT IS ABOVE THE CURRENT WHEN THE FAN IS AT THE MINIMUM CONTINUOUS CONDITION AS NOTED ABOVE. WHEN THE FAN IS RAMPED UP TO ACCOMODATE A DRYER OPERATION, IT SHALL BE CONSIDERED "ON" FOR THE PURPOSES OF FAN FAILURE AND FAN IN HAND ALARMS.

4. AN ADDITIONAL CT SHALL BE IMPLEMENTED TO SENSE WHEN THE FAN IS COMPLETELY OFF, AND THERE IS NO CURRENT TO THE FAN. IN THIS CASE, A FAN NOT OPERATIONAL ALARM SHALL BE SENT TO THE BMS.

5. ALARMS SHALL BE PROVIDED AS FOLLOWS:

   A. MEC-24 GENERAL ALARM SIGNAL.

   B. FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF

   C. FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

   D. FAN NOT OPERATIONAL (NO CURRENT SENSED).

B. MAKE UP AIR DAMPER:

1. WHEN EITHER OF THE DRYERS ARE OPERATIONAL, A SIGNAL SHALL BE SENT TO THE MAKE UP AIR DAMPER (POWER OPEN, FAIL CLOSED) TO OPEN THE DAMPER.

2. WHEN THERE IS NO DRYERS OPERATIONAL, THE DAMPER SHALL BE CLOSED.

3. ALARMS SHALL BE PROVIDED AS FOLLOWS:

   1. DAMPER FAILURE: COMMANDED OPEN, BUT THE STATUS IS CLOSED

   2. DAMPER IN HAND: COMMANDED CLOSED, BUT THE STATUS IS OPEN

6 DRYER FAN DF-1 CONTROLS SEQUENCE

M801

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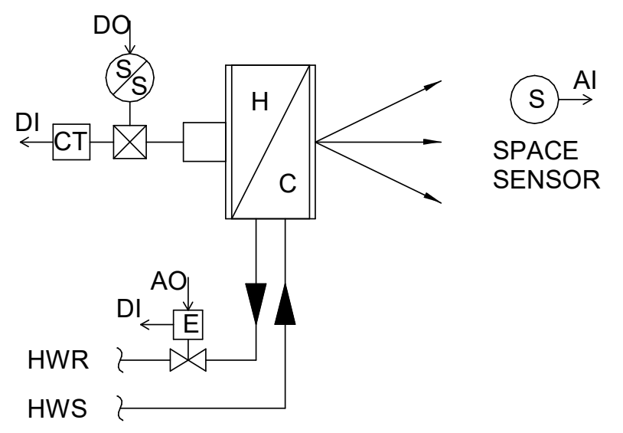

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
SPACE TEMPERATURE	X				X	X
FAN STATUS		X			X	X
FAN START/STOP				X		X
HOT WATER CONTROL VALVE			X			X
CONTROL VALVE STATUS		X			X	X

UNIT HEATER CONTROL SEQUENCE:

A. RUN CONDITIONS: THE UNIT HEATER SHALL BE ENABLED WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 60°F (ADJ.) AND THE BOILER PLANT IS ENABLED. IF THE CHILLER PLANT IS ENABLED, THE CONTROL VALVE SHALL BE COMMANDED CLOSED AT ALL TIMES.

B. WHEN THE SPACE TEMPERATURE IS BELOW THE SETPOINT OF 60°F (ADJ.), THE FAN SHALL RUN CONTINUOUSLY AND THE HOT WATER VALVE SHALL MODULATE TO MEET THE SPACE TEMPERATURE.

C. WHEN THE SPACE TEMPERATURE IS AT SETPOINT, THE HOT WATER CONTROL VALVE SHALL CLOSE. THE FAN SHALL CONTINUE TO RUN FOR ANOTHER 5 MINUTES (ADJ.), IF THE SPACE TEMPERATURE IS STILL AT OR ABOVE THE SETPOINT THE FAN SHALL BE TURNED OFF.

D. ALARMS:
   1. FAN STATUS IS DIFFERENT THAN COMMANDED STAT.
   2. THE SPACE TEMPERATURE IS BELOW THE SETPOINT BY 5°F (ADJ.) FOR 15 MIN. (ADJ.)
   3. VALVE FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
   4. VALVE IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

5 UH-291 CONTROL SEQUENCE

M801

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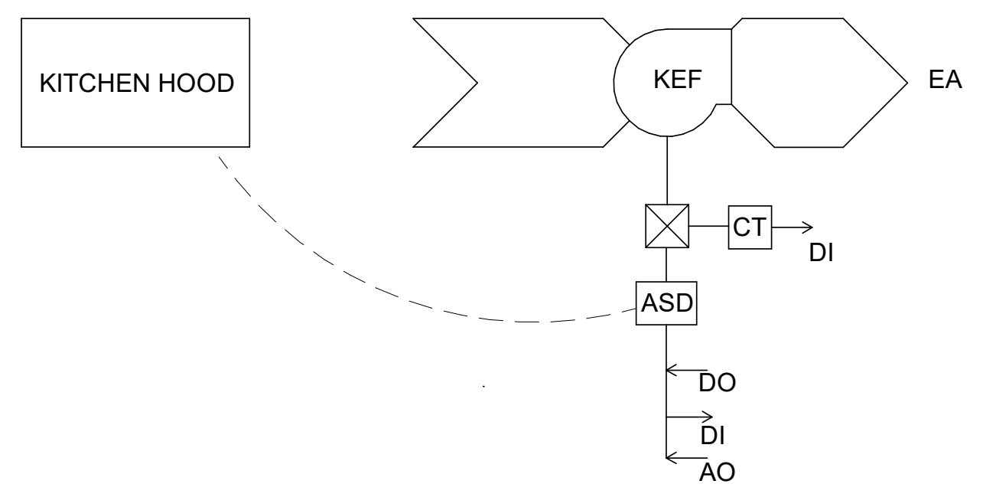

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN STATUS		X			X	X
FAN ASD START / STOP				X		X
FAN ASD SPEED			X			X
FAN ASD FAULT		X			X	X
ALARM FROM HOOD CONTROL SYSTEM					X	X

KITCHEN EXHAUST FAN CONTROLS SEQUENCE:

A. THE EXHAUST FAN SHALL BE INTERLOCKED WITH THE HOOD CONTROLS AND OPERATE WHEN THE HOOD IS SIGNALED TO OPERATE OR HOOD HEAT DETECTOR SENSES COOKING.

B. ALARMS SHALL BE PROVIDED AS FOLLOWS:

   1. EXHAUST FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF

   2. EXHAUST FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

NOTES:

1. REFER TO THE KITCHEN HOOD PACKAGE FOR THE HOOD CONTROL SYSTEM WHICH IDENTIFIES THE KITCHEN HOOD AND EXHAUST FAN INTERFACE.

2. FAN ASD IS INTENDED TO BE USED FOR BALANCING PURPOSES. FAN SPEED SIGNAL IS INTENDED TO BE CONSTANT DURING FAN OPERATION. SPEED SIGNAL TO BE DETERMINED DURING TESTING AND BALANCING.

4 KEF-HS-1, KEF-HS-2 FAN CONTROL SEQUENCE

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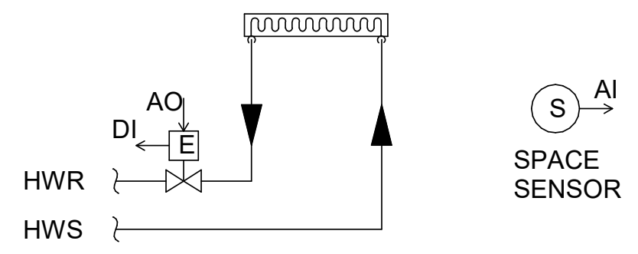

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
SPACE TEMPERATURE	X				X	X
HOT WATER CONTROL VALVE			X			X
CONTROL VALVE STATUS		X			X	X

GRAVITY HEATER CONTROL SEQUENCE:

A. RUN CONDITIONS: THE HEATER SHALL BE ENABLED WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 60°F (ADJ.) AND THE BOILER PLANT IS ENABLED. IF THE CHILLER PLANT IS ENABLED, THE CONTROL VALVE SHALL BE COMMANDED CLOSED AT ALL TIMES.

B. WHEN THE SPACE TEMPERATURE IS BELOW THE SETPOINT OF 60°F (ADJ.), THE HOT WATER VALVE SHALL MODULATE TO MEET THE SPACE TEMPERATURE.

C. WHEN THE SPACE TEMPERATURE IS AT SETPOINT, THE HOT WATER CONTROL VALVE SHALL CLOSE.

D. ALARMS:
   1. THE SPACE TEMPERATURE IS BELOW THE SETPOINT BY 5°F (ADJ.) FOR 15 MIN. (ADJ.)
   2. VALVE FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
   3. VALVE IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

3 FT-A, C-1, C-2 CONTROL SEQUENCE

M801

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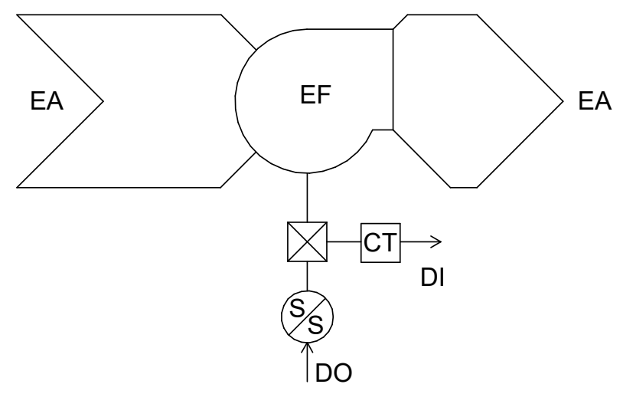

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN STATUS		X			X	X
FAN START/STOP				X		X

CONTINUOUS EXHAUST FAN CONTROL SEQUENCE:

A. GENERAL INFORMATION:

   1. THE FAN SHALL BE ABLE TO BE INDIVIDUALLY SCHEDULED AND HAVE INDEPENDENT START/STOP CONTROL.

   2. THE FAN IS WIRED NORMALLY OPEN, AND FAILS OFF.

B. THE FAN SHALL RUN CONTINUOUSLY 24/7 REGARDLESS OF BUILDING OCCUPANCY SCHEDULE.

C. ALARMS SHALL BE PROVIDED AS FOLLOWS:

   1. FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF

   2. FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

2 EF-CUSTODIAL CONTROLS SEQUENCE

M801

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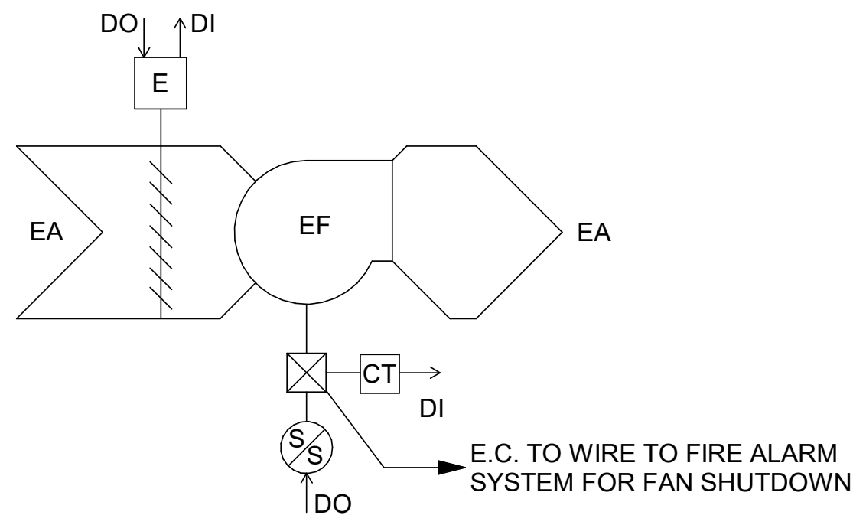

SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN STATUS		X			X	X
FAN START/STOP				X		X
DAMPER STATUS		X			X	X
DAMPER COMMAND				X		X

EXHAUST FAN CONTROL SEQUENCE:

A. GENERAL INFORMATION:

   1. THE FAN SHALL BE ABLE TO BE INDIVIDUALLY SCHEDULED AND HAVE INDEPENDENT START/STOP CONTROL PER BUILDING OCCUPANCY SCHEDULE (ADJ.).

   2. THE FAN IS WIRED NORMALLY OPEN, AND FAILS OFF.

   3. THE EXHAUST AIR MOTORIZED DAMPER IS POWER OPEN, FAIL CLOSED AND IS WIRED IN PARALLEL WITH FAN. THE EXHAUST DAMPER OPENS WHEN THE EXHAUST FAN RUNS.

B. COMMON MODE CONTROL:

   1. WHEN THE FAN IS OFF, THE EXHAUST AIR DAMPER SHALL FAIL TO NORMALLY CLOSED POSITION.

C. OCCUPIED MODE:

   1. THE FAN SHALL RUN CONTINUOUSLY AND ITS ASSOCIATED DAMPER SHALL OPEN,

D. UNOCCUPIED MODE:

   1. THE FAN SHALL BE OFF AND DAMPER SHALL BE CLOSED.

E. FIRE ALARM SHUTDOWN:

   1. THE FAN SHALL SHUT DOWN UPON RECEIVING A SIGNAL FROM THE FIRE ALARM SYSTEM.

F. ALARMS SHALL BE PROVIDED AS FOLLOWS:

   1. FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF

   2. FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON

   3. DAMPER FAILURE: COMMANDED OPEN, BUT THE STATUS IS CLOSED

   4. DAMPER IN HAND: COMMANDED CLOSED, BUT THE STATUS IS OPEN

1 EF-1, EF-2, EF-BOYS, EF-GIRLS, EF-OFFICE CONTROLS SEQUENCE

M801

NOT TO SCALE

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_HVAC_Central_R24.rvt

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M/E Project #: 243033

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
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Sheet Title
MECHANICAL CONTROLS

Sheet No.
WHS
M801

CONSTRUCTION DOCUMENTS

GENERAL DEMOLITION NOTES:

A. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED ACCURATE. EC SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. COORDINATE WITH OWNER REPRESENTATIVE TO ARRANGE FOR A SITE VISIT, DATE AND TIME, MINIMUM TEN WORKING DAYS PRIOR TO BID.

B. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED, OR REQUIRED TO BE REMOVED AS A RESULT OF CEILING, PARTITION OR WALL DEMOLITION WORK. COORDINATE REQUIREMENT WITH GENERAL CONTRACTOR. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND WIRING DEVICES INDICATED TO BE REMOVED OR REQUIRED TO BE REMOVED, AND ALL ASSOCIATED BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING AND RACEWAYS. WHERE EXISTING DEVICES ARE NOT BEING REUSED, THEY AND THEIR ASSOCIATED WIRING SHALL BE COMPLETELY REMOVED. DISCONNECT AND REMOVE ALL EMPTY AND ABANDONED RACEWAYS. CUT FLUSH WITH FLOOR OR WALL WHERE APPLICABLE AND PLUG CONDUIT WATERTIGHT.

C. SALVAGEABLE MATERIALS SHALL BE REVIEWED AND IDENTIFIED BY THE OWNER. ITEMS SELECTED BY THE OWNER SHALL BE DELIVERED TO A SELECTED LOCATION ON THE OWNER'S PROPERTY BY THIS CONTRACT IN AN EQUAL CONDITION PRIOR TO THIS WORK. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) ALL LUMINAIRES, LIGHTING CONTROLS, PANELBOARDS, MOTOR STARTERS AND DISCONNECTS; REFER TO THE SPECIFICATIONS FOR ADDITIONAL SALVAGEABLE MATERIALS.

D. COORDINATE ALL REMOVAL WORK WITH OTHER TRADES.

E. PROVIDE ALL WIRING AND CONNECTIONS REQUIRED TO MAINTAIN BRANCH CIRCUITS OR SPECIAL SYSTEMS CIRCUIT CONTINUITY TO DEVICES AND EQUIPMENT REQUIRED TO REMAIN WHETHER LOCATED WITHIN OR OUTSIDE OF THE PROJECT AREA, EITHER UPSTREAM OR DOWNSTREAM OF DEVICES REQUIRED TO BE REMOVED.

F. PARTIAL BRANCH CIRCUIT WIRING DENOTING EXISTING CIRCUITING OR CONTROL IS SHOWN FOR REFERENCE ONLY, AND IS NOT INTENDED TO ILLUSTRATE COMPLETE WIRING SYSTEM. FIELD VERIFY EXISTING WIRING AND CONNECTIONS.

G. CUTTING AND PATCHING OF EXISTING BUILDING FINISHES AND ELEMENTS TO FACILITATE ELECTRICAL REMOVAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

H. PROVIDE A TEST, PRIOR TO BEGINNING ELECTRICAL REMOVAL WORK, OF EACH AND EVERY SYSTEM AFFECTED BY THE WORK TO ASCERTAIN AND DOCUMENT PRE-CONSTRUCTION CONDITIONS OF EACH INDIVIDUAL DEVICE ON EACH SYSTEM. SYSTEMS AND DEVICES WHICH ARE UNTESTED WILL BE ASSUMED TO BE IN PERFECT WORKING ORDER PRIOR TO THE BEGINNING OF CONSTRUCTION. TEST THESE AND NEW DEVICES AND SYSTEMS AFTER CONSTRUCTION TO INDICATE AND DOCUMENT POST-CONSTRUCTION CONDITIONS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING SYSTEMS AND DEVICES TO PRE-CONSTRUCTION CONDITION OR BETTER. OBTAIN THE SERVICES OF A CERTIFIED TESTING ORGANIZATION TO TEST AND DOCUMENT EACH SYSTEM, BOTH PRE AND POST CONSTRUCTION. SUCH SYSTEMS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: GENERATOR DISTRIBUTION SYSTEM, SECURITY ACCESS CONTROL SYSTEM, PUBLIC ADDRESS SYSTEM, LOCAL AREA NETWORK SYSTEM, TELEPHONE SYSTEM, NURSE CALL SYSTEM, EMERGENCY EGRESS LIGHTING SYSTEM, INTRUSION DETECTION SYSTEMS, AUTOMATIC LIGHTING CONTROL SYSTEM AND FIRE ALARM SYSTEM. SUBMIT TEST RESULTS TO OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

I. REFER TO DRAWING ED-600 FOR SCOPE ASSOCIATED WITH ELECTRICAL DISTRIBUTION UPGRADES. RETAIN EXISTING FEEDERS WHERE POSSIBLE.

GENERAL NOTES (APPLY TO ALL DRAWINGS):

A. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED N.E.C./NFPA 70 CODE.

B. THE CONTRACTOR SHALL PERFORM HIS WORK BY COORDINATING WITH THE FACILITY REPRESENTATIVE REGARDING SUCH THINGS AS NOISE, WORK AREA LIMITATIONS, ALLOWABLE WORKING HOURS, UTILITY INTERRUPTIONS, ETC.

C. ALL EXISTING SYSTEMS THAT PASS THROUGH OR ORIGINATE IN THE RENOVATED SPACE SHALL BE MAINTAINED, REROUTED, RELOCATED, ETC. SUCH THAT THE FACILITY DOES NOT EXPERIENCE LOSS OF ANY SYSTEMS AND/OR UTILITIES. WORK FOR SUCH ITEMS MUST BE COORDINATED WITH THE FACILITY REPRESENTATIVE FOR TEMPORARY OPERATIONS AND/OR INTERRUPTION.

D. THE CONTRACTOR SHALL INSTALL TEMPORARY FACILITIES/PRECAUTIONS TO GUARD AGAINST WORK THAT IS AN INFECTION CONTROL HAZARD OR NUISANCE (SUCH AS NOISE, DUST, OPERATIONS INTERRUPTION, ETC.). THE CONTRACTOR SHALL COMPLY WITH FACILITY REPRESENTATIVES FOR THE COORDINATION, LOCATION, AND QUALITY OF THESE TEMPORARY PROVISIONS.

E. ALL WORK AREAS SHALL BE KEPT CLEAN AND ORDERLY AT ALL TIMES. OPEN-ENDED ITEMS SUCH AS CONDUITS SHALL ALWAYS BE COVERED AND PROTECTED TO PROHIBIT ACCUMULATION OF CONSTRUCTION DUST/DEBRIS.

F. CONTRACTOR SHALL COORDINATE ALL THIRD PARTY SYSTEM INSPECTIONS, TESTING, AND CERTIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE REQUIRED CERTIFICATIONS AND A LETTER STATING THAT SYSTEMS HAVE BEEN INSTALLED AND PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND MEET PROJECT/CONTRACT REQUIREMENTS.

G. PROVIDE BOX, EMPTY 1" CONDUIT (UNLESS OTHERWISE NOTED), AND PULL CORD UP TO ACCESSIBLE CEILING CAVITY AT ALL DATA AND COMMUNICATION OUTLETS INDICATED IN PLAN. DATA CABLE TO BE PROVIDED BY A SEPARATE CONTRACT.

H. ALL COMMUNICATION AND DATA CABLE ARE TO BE INSTALLED IN CONDUIT WHERE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE IN CONCEALED CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS. ALL EXPOSED CABLES ARE TO BE ANCHORED TO WALL OR ROOF STRUCTURE IN BRIDLE RINGS AT MINIMUM 3'-0" O.C. OR IN CABLE TRAY.

I. PROVIDE CONDUIT BODY FOR ALL DATA AND SIGNAL CABLES TO BE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE INACCESSIBLE CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS AND THEREFORE DO NOT REQUIRE CONDUIT.

J. CONDUIT RUNS ARE SCHEMATIC ONLY. ALL CONDUIT RUNS SHOULD TAKE THE SHORTEST MOST DIRECT ROUTE POSSIBLE. CONDUIT RUNS MAY HAVE A MAXIMUM OF (3) 90` BENDS. IF ADDITIONAL BENDS ARE REQUIRED, PROVIDE PULLBOX.

K. ALL CIRCUITS SHALL HAVE A CONTINUOUS NEUTRAL. NO SHARING OF NEUTRALS WILL BE ALLOWED ON ANY BRANCH CIRCUIT WIRING.

L. REFER TO DRAWING E-600 FOR WORK ASSOCIATED WITH ELECTIRCAL DISTRIBUTION UPGRADES. EXISTING FEEDERS MAY BE REUSED WHERE POSSIBLE. EXTEND EXISTING FEEDERS WHERE REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS.

GENERAL DEFINITIONS:

A. INDICATE: THE TERM "INDICATE" REFERS TO GRAPHIC REPRESENTATIONS, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

B. DESCRIBED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

C. APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

D. FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

E. INSTALL: THE TERM "INSTALL IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

F. PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL COMPLETE AND READY FOR THE INTENDED USE."

G. INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

H. ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS." THESE SYSTEMS INCLUDE BUT NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC.

GENERAL FIRE ALARM NOTES:

A. PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED TO PERFORM OPERATIONS REQUIRED FOR THE UPGRADE OF THE EXISTING ADDRESSABLE FIRE ALARM SYSTEM (EXISTING CONTROL PANEL: EDWARDS, EST3) TO A NEW ADDRESSABLE FIRE ALARM SYSTEM (NEW CONTROL PANEL EDWARDS, EST4). INCLUDING BUT NOT LIMITED TO CPU'S, POWER SUPPLYS, LCDS, AND EQUIPMENT CABINET.

B. THE CONTRACTOR SHALL PROVIDE A COMPLETE TEST OF THE EXISTING SYSTEM PRIOR TO MAKING MODIFICATIONS TO ASSESS THE CONDITION AND CAPABILITY OF DEVICES AND CIRCUITS TO BE REUSED.

C. WHERE POSSIBLE, THE CONTRACTOR SHALL HAVE THE OPTION TO REUSE EXISTING DEVICES, BOXES AND WIRING.

D. IN GENERAL, EXISTING INITIATION AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE REATAINED AND EXTENDED TO THE NEW CONTROL PANEL FOR DEVICES IN AREAS UNAFFECTED BY SCOPE OF WORK. NEW DEVICES SHALL BE TIED INTO EXISTING CIRCUITS, OR NEW CIRCUITS SHALL BE PROVIDED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM AS INDICATED. NEW SHIELDED 18/2 CABLING SHALL BE RAN TO ALL NEW FIRE ALARM SPEAKERS.

E. ALL WIRING SHALL BE COPPER, INSTALLED IN A DEDICATED/ SEGREGATED EMT CONDUIT SYSTEM AND SHALL CONFORM TO THE NEC AND TO NFPA-72, NATIONAL FIRE ALARM CODE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

F. THE COMPLETE FIRE ALARM SYSTEM SHALL BE FULLY TESTED AFTER THE WORK IS COMPLETE. TESTING SHALL INCLUDE ALL DEVICES, CONTROL PANEL, ANNUNCIATOR PANEL, OTHER PANELS, FEATURES AND FUNCTIONS. TESTING SHALL BE WITNESSED BY THE OWNER'S REPRESENTATIVE AND BE IN ACCORANCE WITH THE NFPA. PROVIDE TESTING REPORT TO THE AHJ AND THE ENGINEER AS A SUBMITTAL

G. ALL EXISTING INITIATION DEVICES SHALL BE RETAINED FOR REUSE AND RECONNECTED TO NEW FACP.

H. REFER TO SPECIFICATION SECTION 283103.

ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
AC	ABOVE COUNTER
AIC	AMPERE INTERRUPTING CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTING
AL	ALUMINUM
AUTO	AUTOMATIC
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CLG	CEILING
CM	CONSTRUCTION MANAGER
CONTR	CONTRACTOR
CU	COPPER
DP	DISTRIBUTION PANEL
DN	DOWN
EA	EACH
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
ELEC	ELECTRIC
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING
FBO	FURNISHED BY OTHERS
GC	GENERAL CONTRACTOR
GE	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
G/GND	GROUND
HH	HAND HOLE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MH	MAN HOLE
MI	MINERAL INSULATED CABLE
MLO	MAIN LUG ONLY
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NMT	NON-METALLIC TUBING
NTS	NOT TO SCALE
OC	MOUNTED OVER COUNTER
OH	OVERHEAD
PNL	PANEL
PH	PHASE
PC	PLUMBING CONTRACTOR OR PHOTO CELL
P	POLE
PB	PULL BOX
RMC	RIGID METAL CONDUIT
SP	SPACE
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATION
SW	SWITCH
SWBD	SWITCHBOARD
TV	TELEVISION
TYP	TYPICAL
UC	MOUNTED UNDER COUNTER HEIGHT OR UNDERGROUND COMMUNICATION
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORY
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
W	WIRE OR WATT
WG	WIRE GUARD
WP	WEATHER PROOF

BASIC MATERIALS AND METHODS

SYMBOL	DESCRIPTION
TV Φ SΦ	GANGED DEVICES
●	SPECIAL PURPOSE RECEPTACLE. PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA CONFIGURATION AS REQUIRED BY BRANCH CIRCUIT AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP. SUBSCRIPT INDICATES TYPE:
Ⓙ	JUNCTION BOX
▣	PUSH BUTTON
Φ	DUPLEX RECEPTACLE, SUBSCRIPTS INDICATE TYPE: AC - ABOVE COUNTER GFI - GROUND FAULT CIRCUIT INTERRUPTER UC - UNDER COUNTER WP - WEATHERPROOF
Φ	SINGLE RECEPTACLE
Φ	TWO DUPLEX RECEPTACLE, SINGLE COVER
HD	ELECTRIC HAND DRYER
DO	DOOR OPERATOR
▣	PUSH BUTTON
(E)	EXISTING TO REMAIN - INDICATES EXISTING ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
(ER)	EXISTING TO BE RELOCATED - INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
Ⓧ	REFERENCE TO DRAWING NOTE
X	REFERENCE TO DEMOLITION NOTE
— — — Φ	EXISTING ELECTRICAL OR EQUIPMENT OR DEVICE, DASHED LIGHT LINE WEIGHT IS EXISTING TO BE REMOVED.
——— Φ	EXISTING WIRING OR EQUIPMENT, SOLID LIGHT LINE WEIGHT IS EXISTING.
━━━ Φ	HEAVY SOLID LINE WEIGHT IS NEW

COMMUNICATIONS

SYMBOL	DESCRIPTION
#-CP1 ▣ 2D2P 1T1V	POWER COMMUNICATION OUTLET - DATA AND POWER DEVICES TO BE PROVIDED IN SEPARATE BOXES. # D - DATA OUTLETS AND CABLES # P - POWER DUPLEX RECEPTACLES # T - TELEPHONE OUTLETS AND CABLES # V - TELEVISION OUTLETS AND CABLES (NOTE: REFER TO INDIVIDUAL DEVICE SYMBOLS FOR ADDITIONAL SUBSCRIPT DEFINITIONS) EXAMPLE SYMBOL SHOWN INDICATES : 2 DATA, 1 TELEPHONE, 1 TV OUTLET AND 2 RECEPTACLES CIRCUITED TO PANEL CP1
WAP	WIRELESS ACCESS POINT
▽	ONE (1) TELEPHONE OUTLET AND CABLE
Ⓢ	CEILING MOUNTED SPEAKER
Ⓢ	WALL MOUNTED SPEAKER
▭	CAMERA

CLOCK SYSTEM

SYMBOL	DESCRIPTION
◷	SINGLE FACE CLOCK
◷Ⓢ	COMBINATION WALL MOUNTED CLOCK/SPEAKER
MC	MASTER CLOCK

POWER DISTRIBUTION AND CONTROL

SYMBOL	DESCRIPTION
T-XX ☐	TRANSFORMER, REFER TO ONE LINE DIAGRAM AND TRANSFORMER SCHEDULE FOR SIZE AND TYPE
PP-XX	208/120 [240/120] VOLT RECESSED PANELBOARD
PP-XX	208/120 [240/120] VOLT PANELBOARD
PP-XX	480/277 VOLT RECESSED PANELBOARD
PP-XX	480/277 VOLT PANELBOARD
▨	DISTRIBUTION PANELBOARD.
⊠	MOTOR STARTER. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR SIZE AND TYPE.
☐	DISCONNECT SWITCH AMP RATING AS INDICATED
◪	FUSED DISCONNECT SWITCH AMP RATING AS INDICATED
⊠	COMBINATION DISCONNECT SWITCH AND MAGNETIC STARTER REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
CB	ENCLOSED CIRCUIT BREAKER, SUBSCRIPT INDICATES AMP RATING
ASD	ADJUSTABLE SPEED DRIVE
Ⓜ	ELECTRICAL CONNECTION. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS REFER TO "ITEM DESIGNATION" ON THE SCHEDULE.
⊕	SINGLE POINT CONNECTION TO EQUIPMENT
S_M	MANUAL MOTOR STARTER
SPD	SURGE PROTECTIVE DEVICE
⟨X⟩	KITCHEN EQUIPMENT CONNECTION, REFER TO KITCHEN EQUIPMENT SCHEDULE FOR WIRING REQUIREMENTS NUMBER INDICATES ITEM ON SCHEDULE.

LIGHTING CONTROL

SYMBOL	DESCRIPTION
$S^3_{a,b}$	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH LV - LOW VOLTAGE (MOMENTARY CONTACT) K - KEY OPERATED OS - OCCUPANCY SENSOR VS - VACANCY SENSOR a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
$D^3_{a,b,c}$	DIMMER SWITCH, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY DIMMER SWITCH a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
OS	DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR
OS	DUAL TECHNOLOGY WALL MOUNTED OCCUPANCY SENSOR
VS	CEILING MOUNTED VACANCY SENSOR
VS	WALL MOUNTED VACANCY SENCOR

LUMINAIRES

SYMBOL	DESCRIPTION
▭ ☐ ○ FA d	LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
FA d	WALL MOUNTED LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
◪	LUMINAIRE CONNECTED TO EMERGENCY BRANCH CIRCUIT. EM SUBSCRIPT INDICATES EMERGENCY BATTERY RELAY.
NL	LUMINAIRE CONNECTED TO NIGHT LIGHT CIRCUIT, UNSWITCHED
EM	LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY BACKUP
├──┤	LUMINAIRE STRIP
⊠	WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK
▽	EMERGENCY BATTERY PACK REMOTE LUMINAIRE HEAD
⊗ ⊗	CEILING MOUNTED EXIT LUMINAIRE
⊗ ⊗	WALL MOUNTED EXIT LUMINAIRE
⊗ ⊗	EXIT LUMINAIRE WITH EMERGENCY HEADS

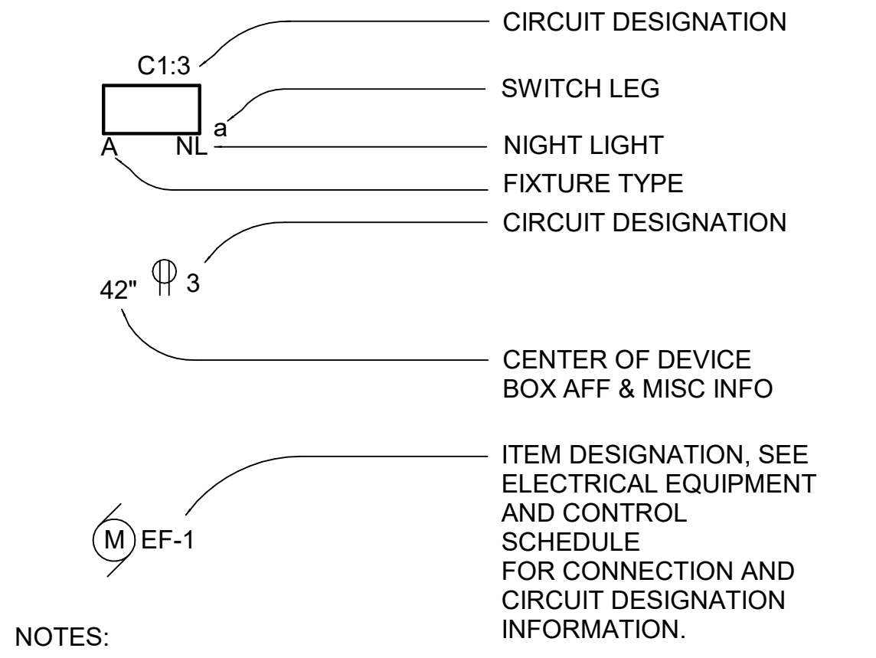
FIRE ALARM

SYMBOL	DESCRIPTION
F	MANUAL PULL STATION
S	SMOKE DETECTOR
H	COMBINATION SET TEMPERATURE AND RATE OF RISE HEAT DETECTOR
CO	CARBON MONOXIDE DETECTOR
DSD	DUCT SMOKE DETECTOR
STX	SMOKE DETECTOR, BEAM TYPE TRANSMITTER
SRX	SMOKE DETECTOR, BEAM TYPE RECEIVER
F 15 A/V	NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL # INDICATES STROBE CANDELA C - INDICATES CEILING WG - INDICATES WIRE GUARD
F 15 V	NOTIFICATION APPLIANCE, VISUAL # INDICATES STROBE CANDELA C - INDICATES CEILING WG - INDICATES WIRE GUARD
CO 15 A/V	CARBON MONOXIDE NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL; # INDICATES STROBE CANDELA, C - INDICATES CEILING WG - INDICATES WIRE GUARD
DH	MAGNETIC DOOR HOLDER
TS	TAMPER SWITCH
FSD	FAN SHUT DOWN RELAY
SD	SMOKE DAMPER
EC	ELEVATOR CAPTURE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATION PANEL
Ⓕ	FIRE ALARM SYSTEM SPEAKER
Ⓕ	FIRE ALARM SYSTEM SPEAKER, WALL MOUNTED
NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER

ONE LINE DIAGRAM

SYMBOL	DESCRIPTION
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER
SST LSIG #AT #AF	CIRCUIT BREAKER SOLID STATE TRIP CHARACTERISTICS INDICATED BY SUBSCRIPTS: AT - TRIP COIL AMPERE RATING AF - FRAME SIZE AMPERE RATING CL - CURRENT LIMITING L - LONG TIME TRIP S - SHORT TIME TRIP I - INSTANTANEOUS TRIP G - GROUND FAULT TRIP SH - SHUNT TRIP GA - GROUND FAULT TRIP ALARM
	CURRENT TRANSFORMER
M	UTILITY METER
GRA	GENERATOR REMOTE ANNUNCIATION
PM	POWER METER
MM	MAINTENANCE MODE
	TRANSFORMER, REFER TO SCHEDULE OR ONE-LINE
Ⓖ	GENERATOR SET
	TRANSFER SWITCH, RATING AS INDICATED. ATS = AUTOMATIC MTS = MANUAL
⏚	GROUND CONNECTION
⟨X⟩	FEEDER DESIGNATION - REFER TO FEEDER SCHEDULE
NAME	PANELBOARD

BRANCH CIRCUITING IDENTIFICATION


C1:3
A
NL
a
CIRCUIT DESIGNATION
SWITCH LEG
NIGHT LIGHT
FIXTURE TYPE
CIRCUIT DESIGNATION
42"
3
CENTER OF DEVICE BOX AFF & MISC INFO
M
EF-1
ITEM DESIGNATION, SEE ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR CONNECTION AND CIRCUIT DESIGNATION INFORMATION.

NOTES:

1. TYPICAL FOR ALL FIXTURES DEVICES & EQUIPMENT.
2. PANEL DESIGNATION WILL BE REFERENCED BY DRAWING NOTE FOR INDIVIDUAL ROOMS. SEE DRAWING NOTES ON EACH PLAN DRAWING.

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

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077887-1
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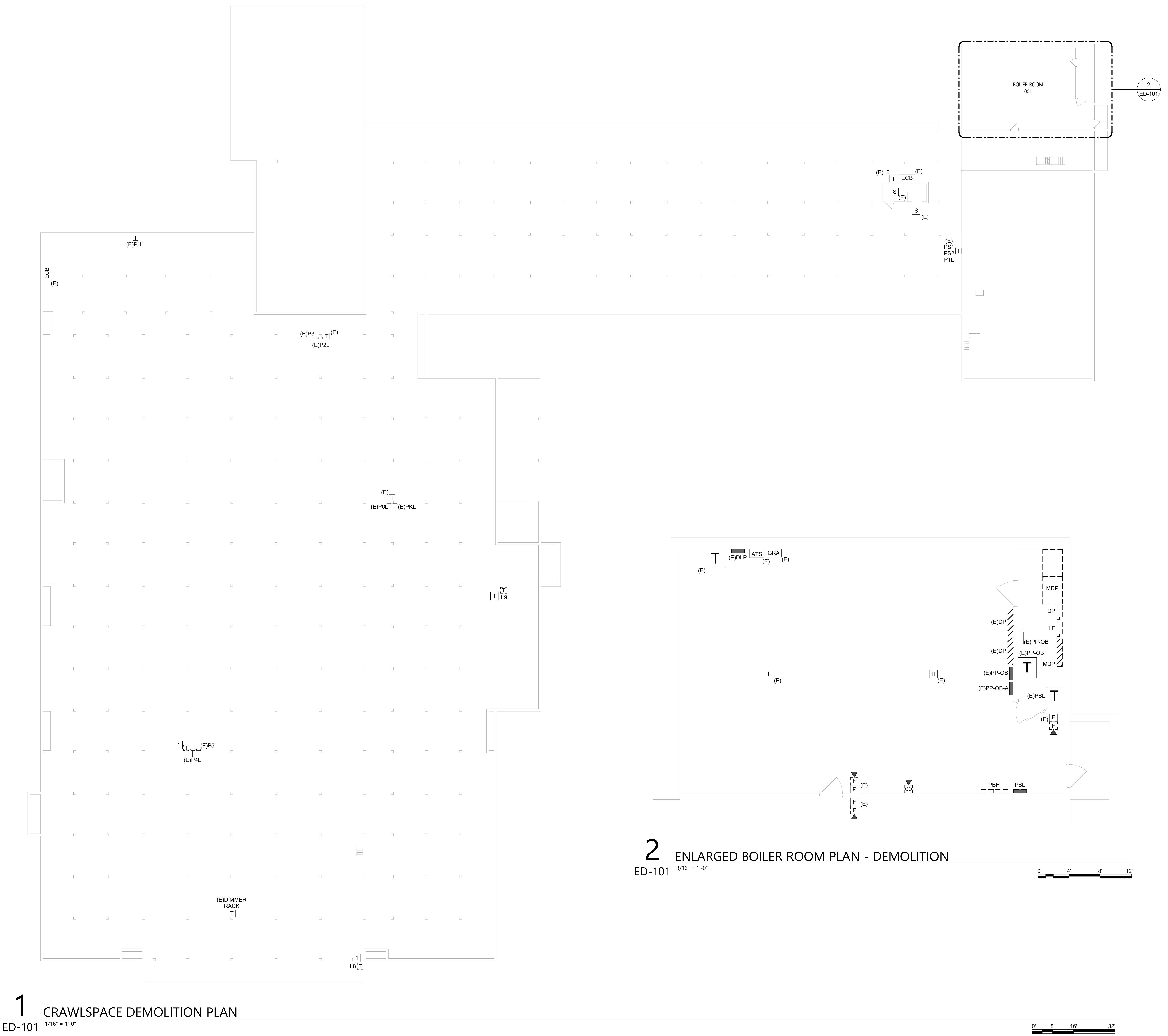
Sheet Title
ELECTRICAL LEGEND, NOTES & ABBREVIATIONS

Sheet No.
WHS
E-001

CONSTRUCTION DOCUMENTS



1 CRAWLSPACE DEMOLITION PLAN

ED-101 1/16" = 1'-0"

2 ENLARGED BOILER ROOM PLAN - DEMOLITION

ED-101 3/16" = 1'-0"

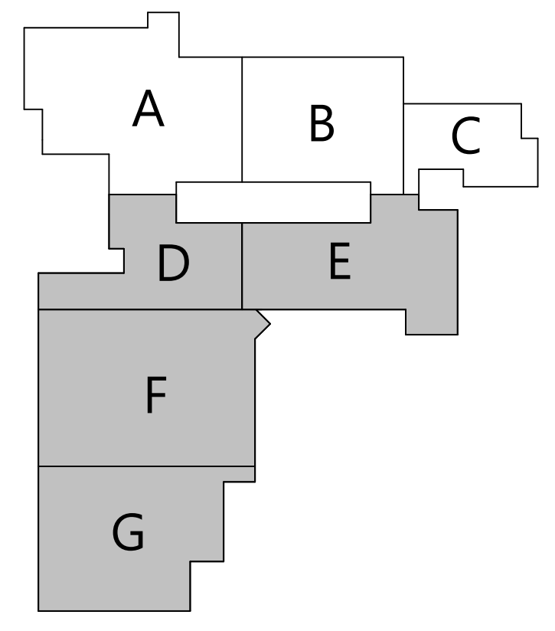
GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITION NOTES

1. DISCONNECT AND REMOVE EXISTING TRANSFORMER. RETAIN EXISTING FEEDERS FOR REUSE. REFER TO ONE LINE DIAGRAMS FOR ADDITIONAL INFORMATION.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

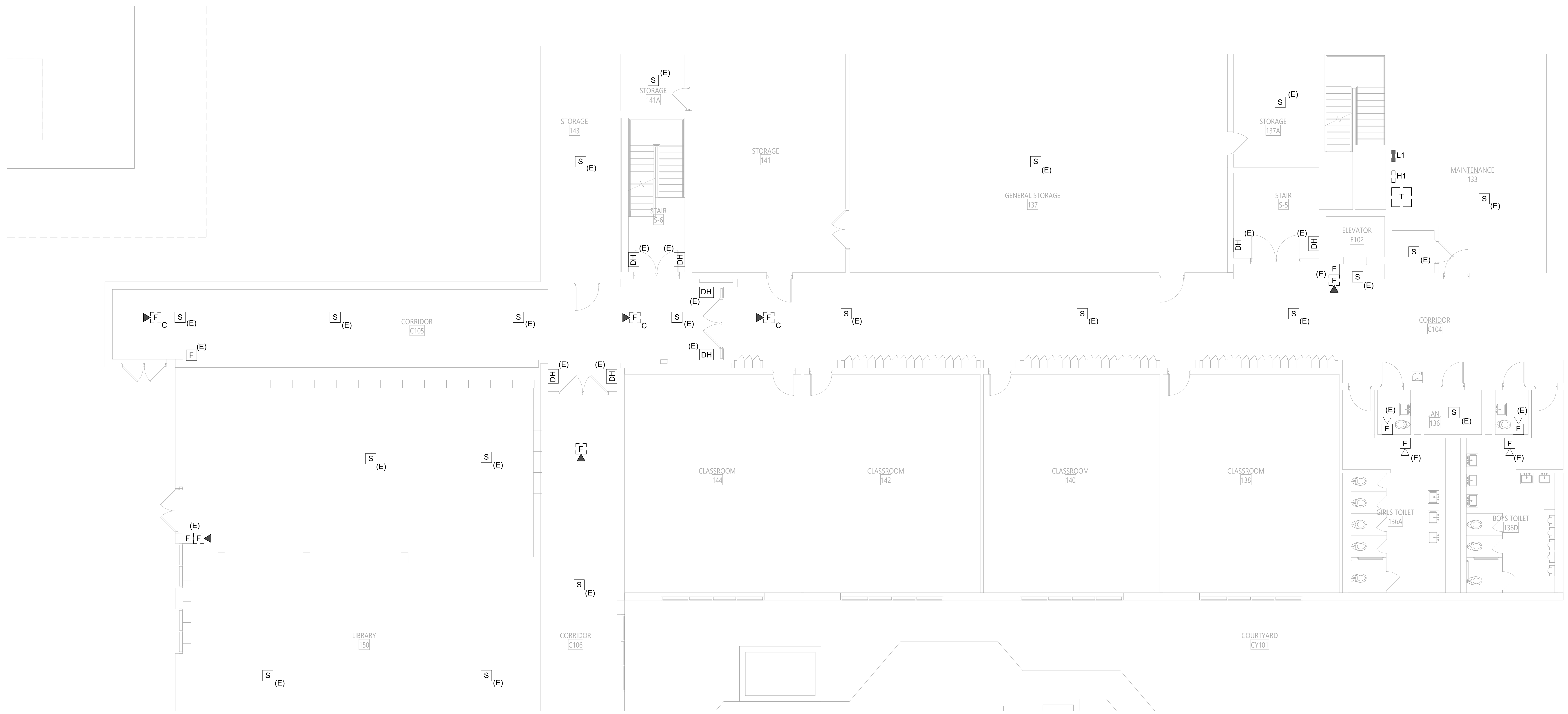
Sheet Title

CRAWLSPACE
DEMOLITION
PLAN

Sheet No.

WHS
ED-101

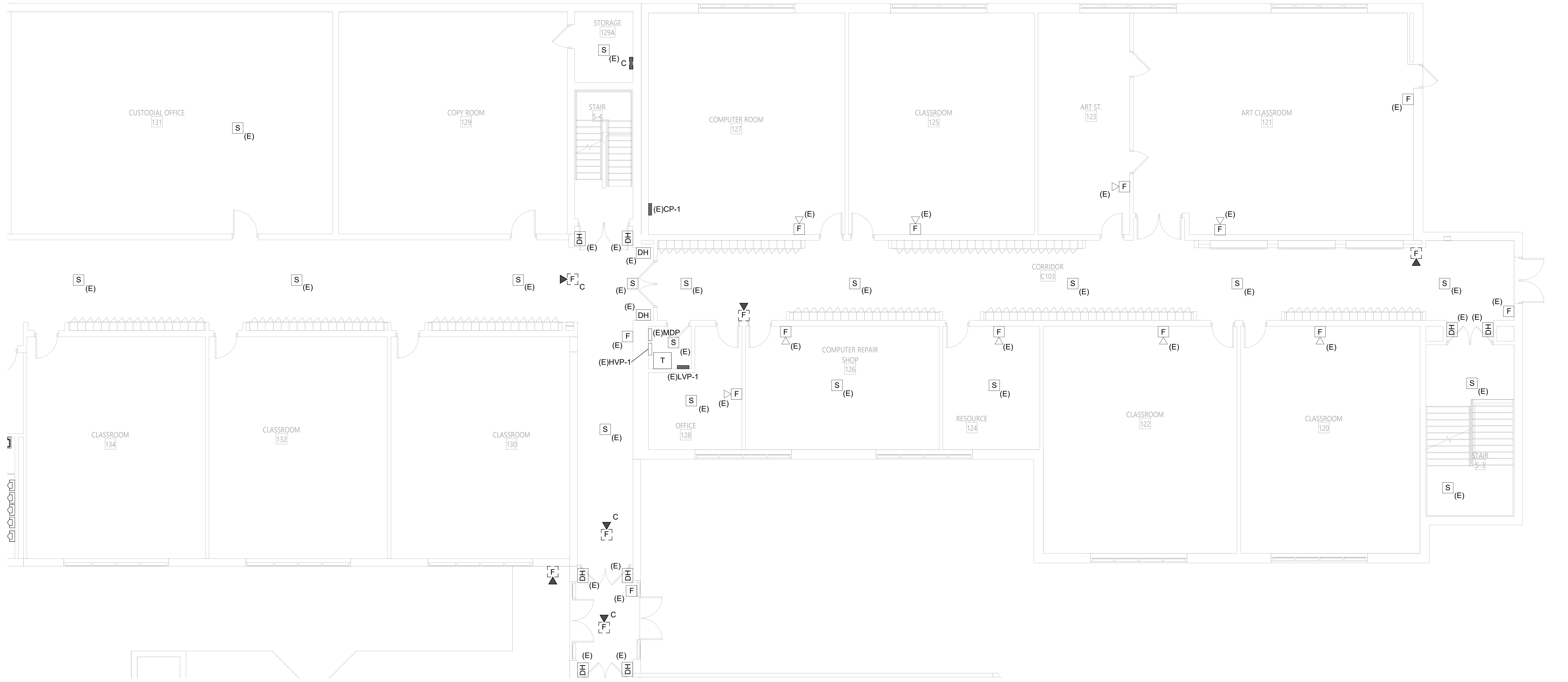
CONSTRUCTION DOCUMENTS



1 GROUND FLOOR DEMOLITION PLAN - AREA A

ED-111 1/8" = 1'-0"

0' 4' 8' 16'



2 GROUND FLOOR DEMOLITION PLAN - AREA B & C

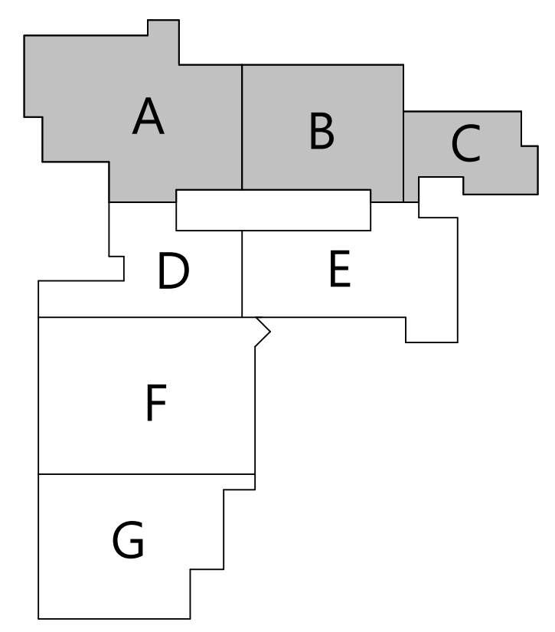
ED-111 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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Sheet Title

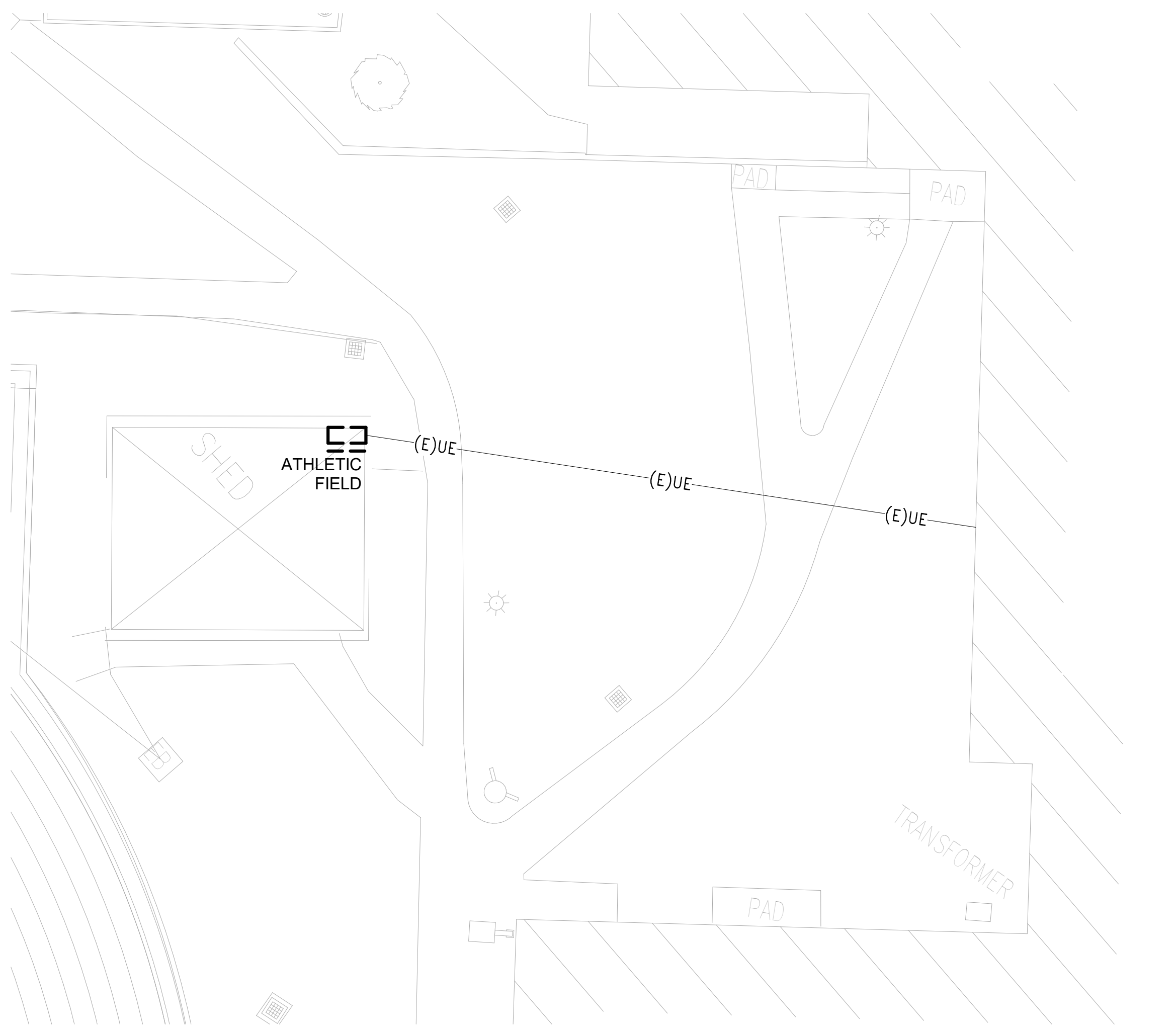
GROUND FLOOR DEMOLITION PLAN AREAS A, B, C

Sheet No.

WHS
ED-111

CONSTRUCTION DOCUMENTS

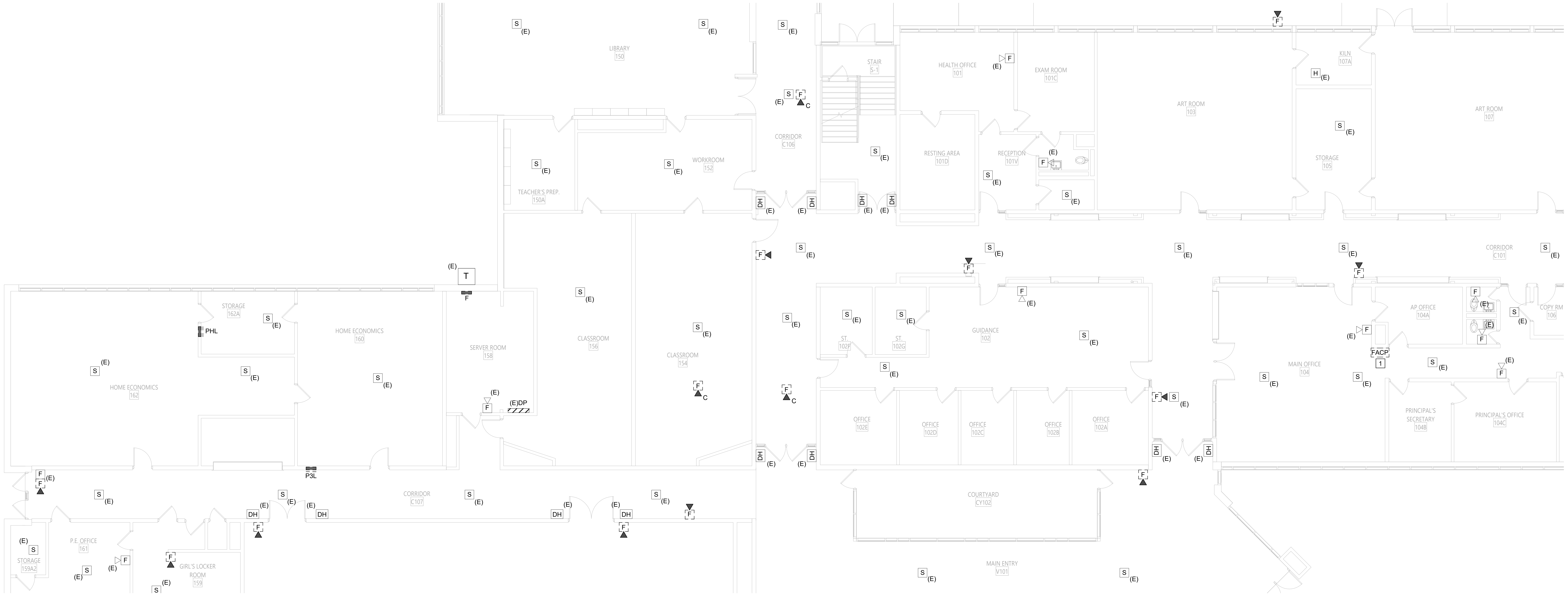
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt



2 SPORTS SHED DEMLOITION PLAN

ED-112 1" = 20'-0"

0' 10' 20' 40'



1 GROUND FLOOR DEMOLITION PLAN - AREA D

ED-112 1/8" = 1'-0"

0' 4' 8' 16'

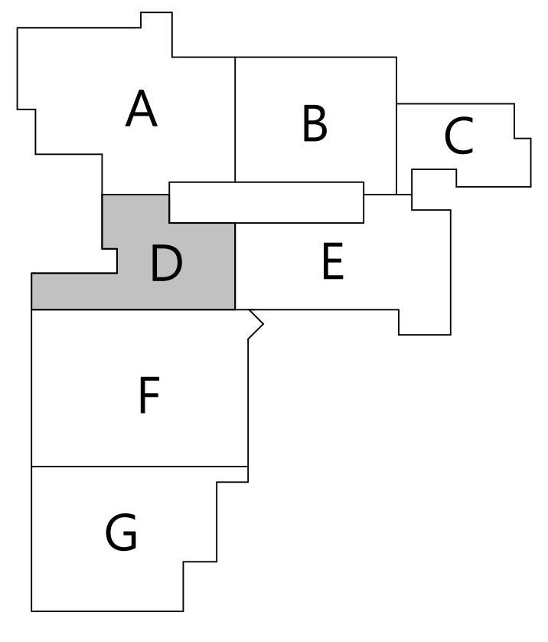
GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITION NOTES

1. PROVIDE ALL LABOR AND MATERIALS REQUIRED FOR THE UPGRADE OF EXISTING ADDRESSABLE FACP. REFER TO DRAWING E-001 FOR ADDITIONAL INFORMATION.

KEY PLAN



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Sheet Title

GROUND FLOOR DEMOLITION PLAN AREA D

Sheet No.

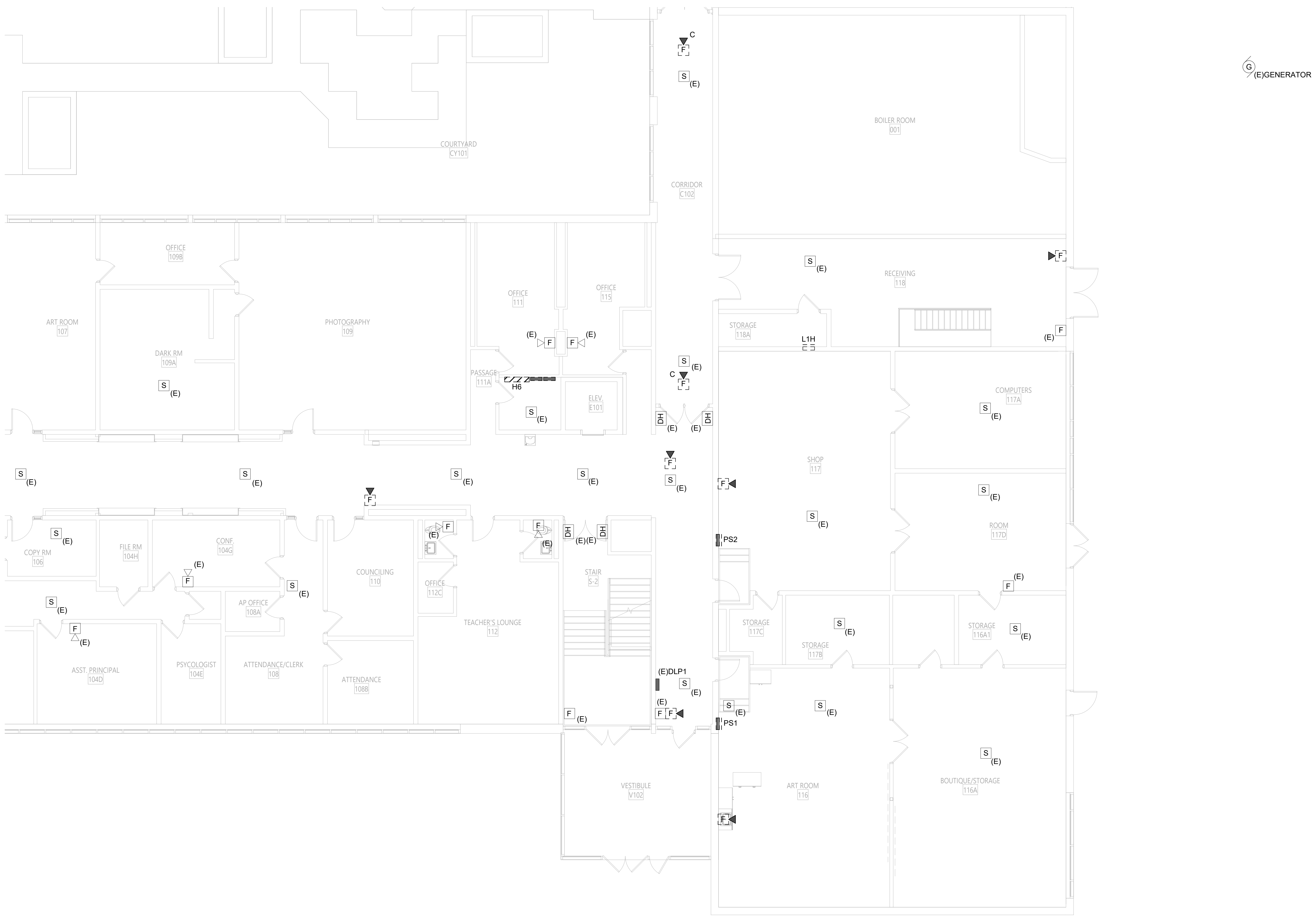
WHS
ED-112

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

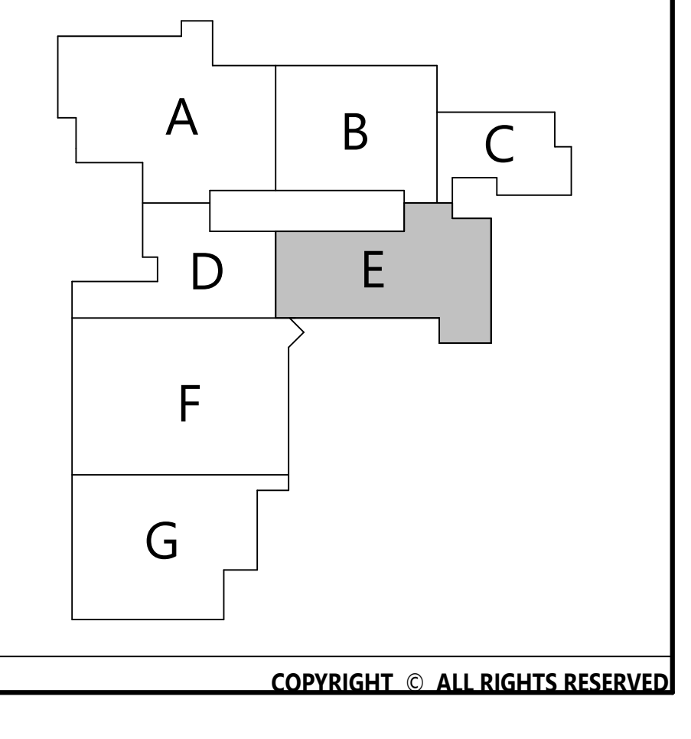


1 GROUND FLOOR DEMOLITION PLAN - AREA E

ED-113 1/8" = 1'-0"

0' 4' 8' 16'

KEY PLAN



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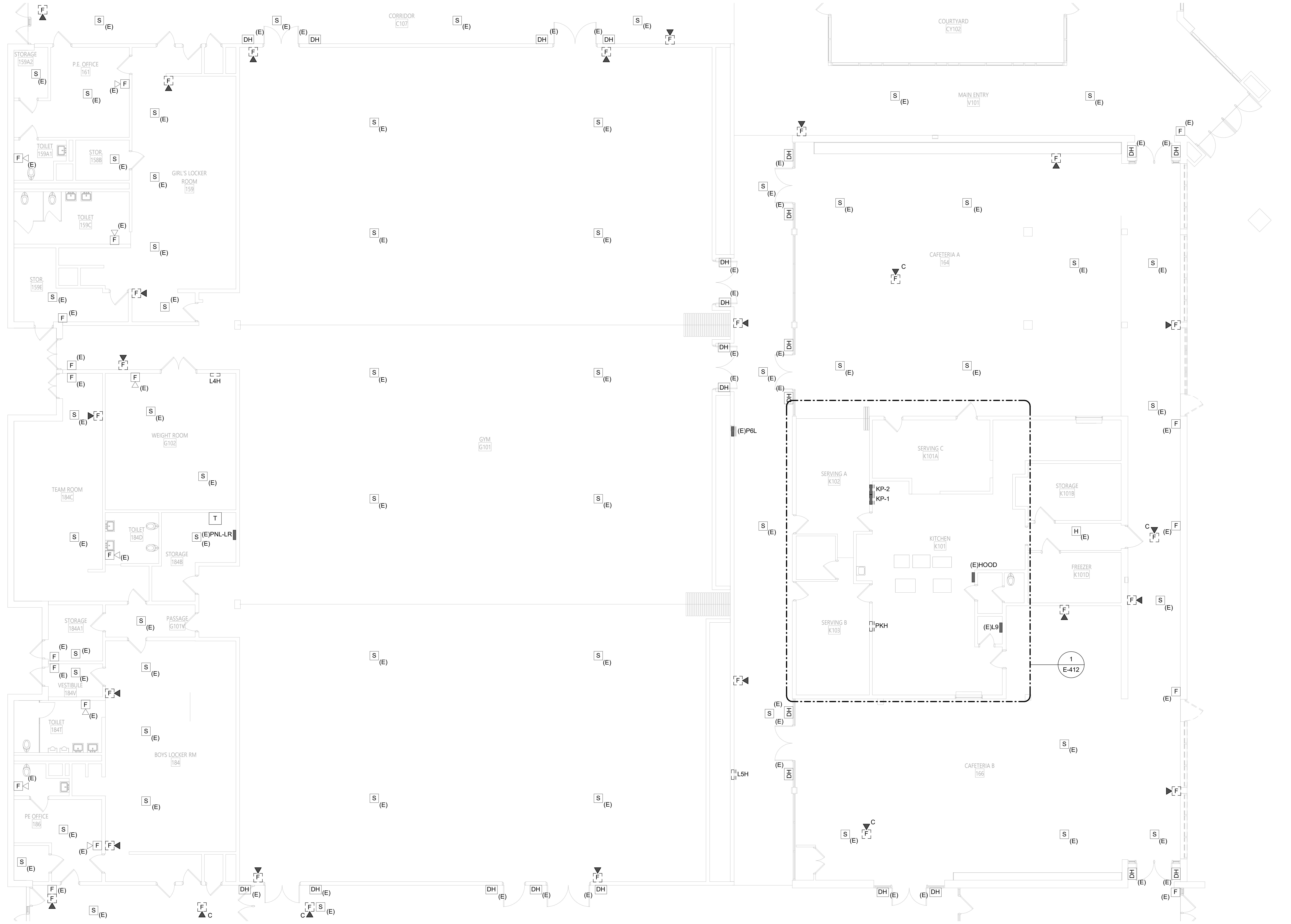
Sheet Title

GROUND FLOOR DEMOLITION PLAN AREA E

Sheet No.

WHS
ED-113

CONSTRUCTION DOCUMENTS



1 GROUND FLOOR DEMOLITION PLAN - AREA F

ED-114 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

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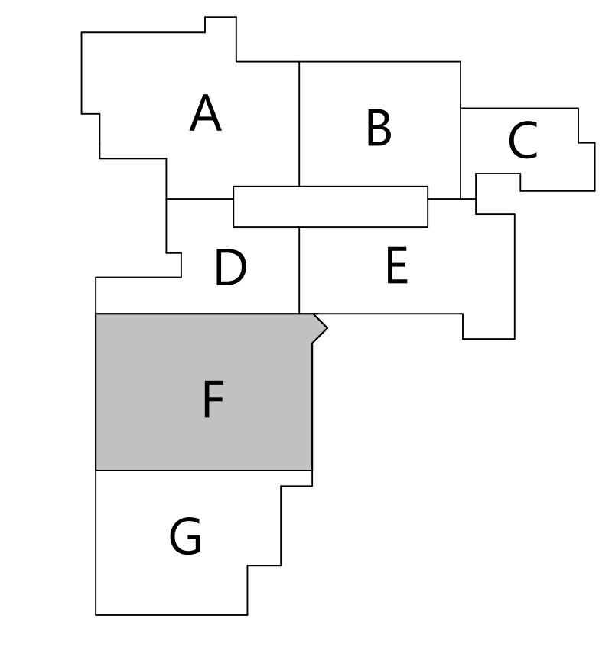
KEY PLAN



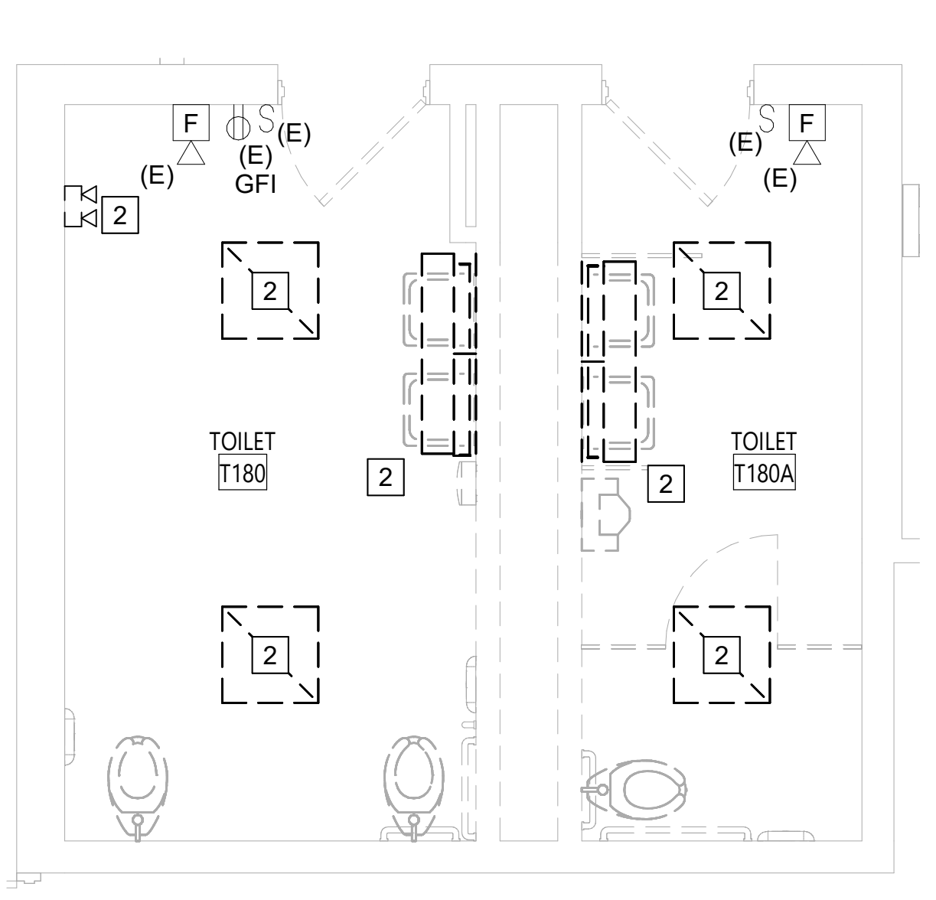
Sheet Title

GROUND FLOOR DEMOLITION PLAN AREA F

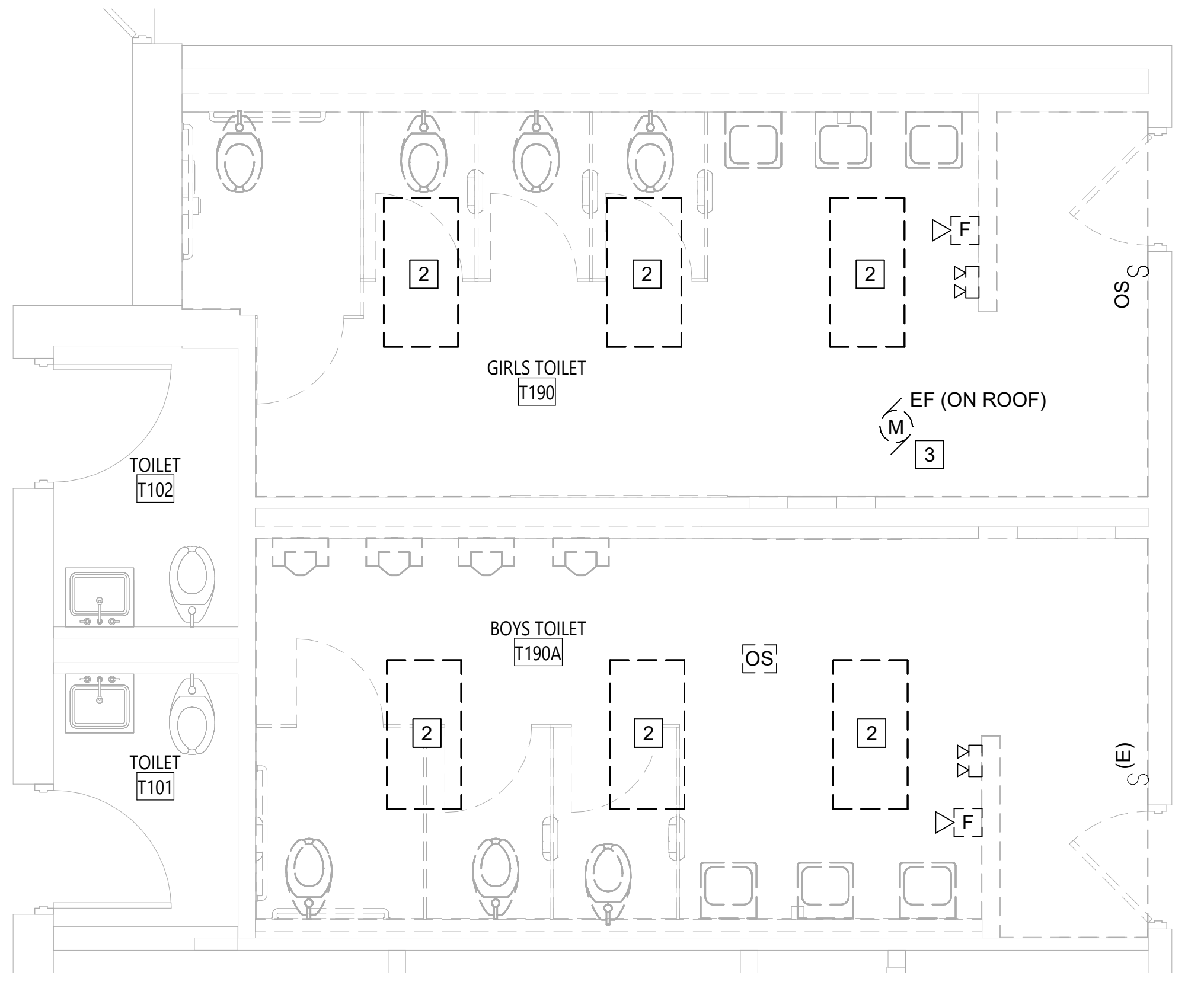
Sheet No.

WHS
ED-114

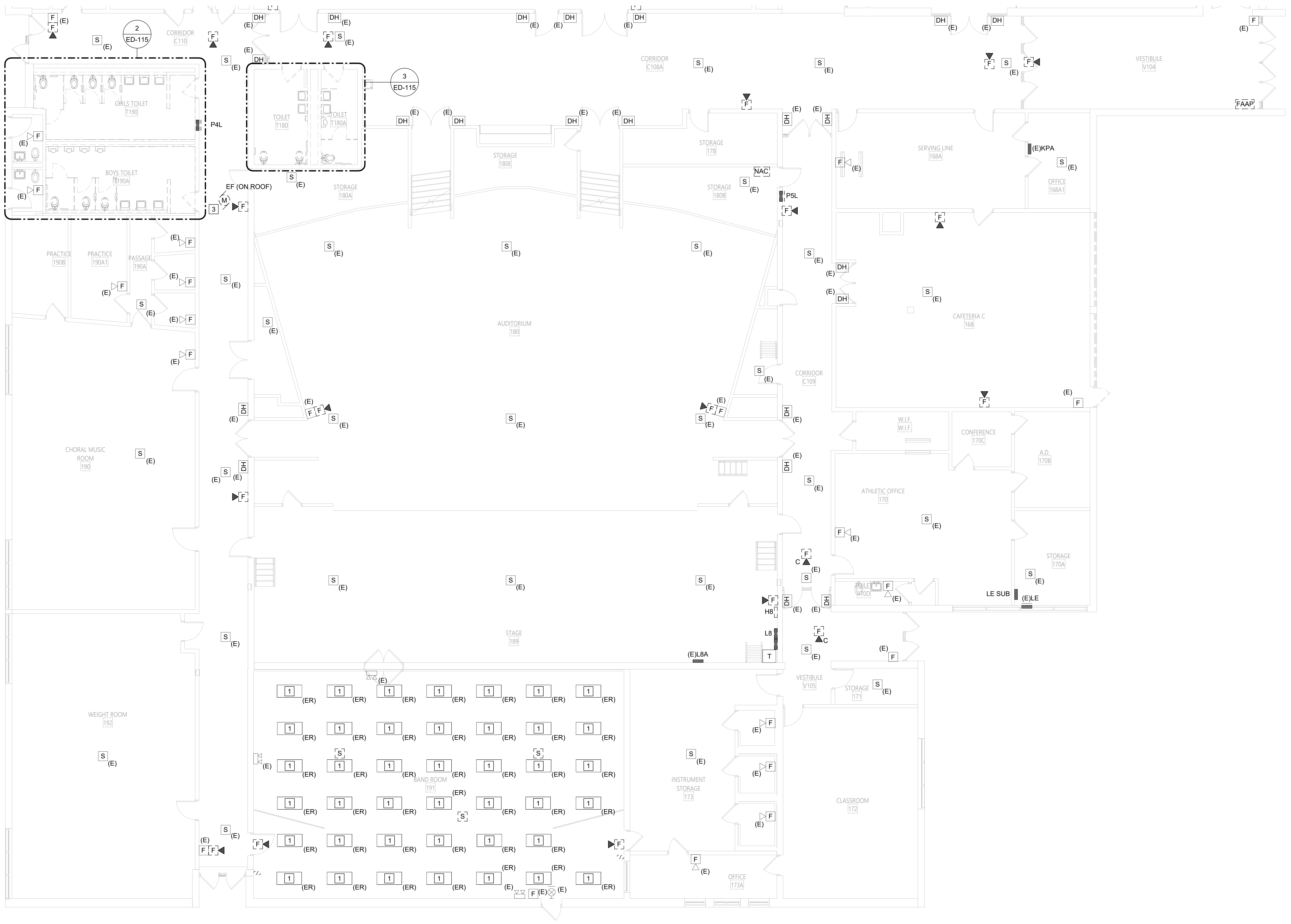
CONSTRUCTION DOCUMENTS



3 TOILET ROOMS T180 & T180A - DEMOLITION PLAN
ED-115 1/4" = 1'-0"
0' 2' 4' 8'



2 TOILET ROOMS T190 & T190A - DEMOLITION PLAN
ED-115 1/4" = 1'-0"
0' 2' 4' 8'



1 GROUND FLOOR DEMOLITION PLAN - AREA G
ED-115 1/8" = 1'-0"
0' 4' 8' 16'

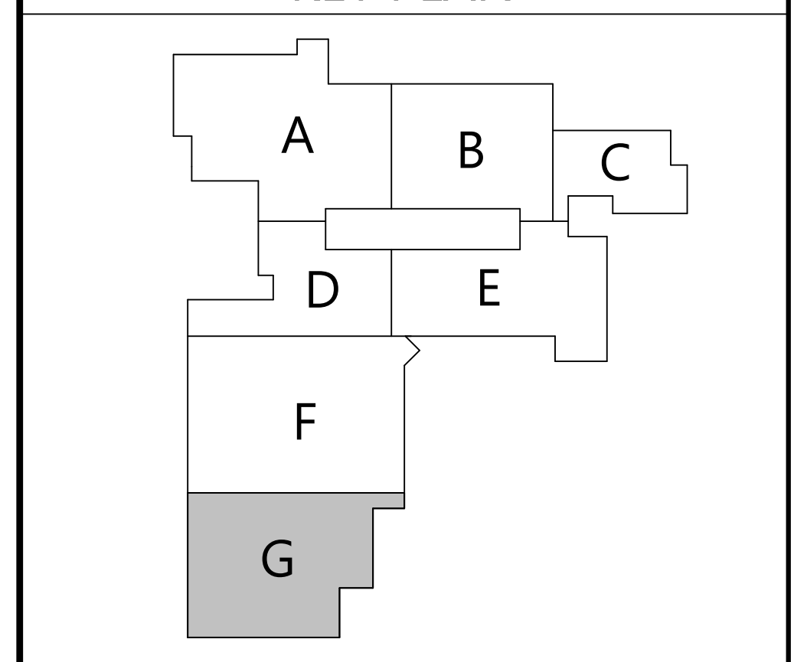
GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITON NOTES

1. DISCONNECT AND RETAIN EXISTING LIGHT FIXTURES AND ASSOCIATED BRANCH CIRCUITING FOR REUSE TO ALLOW FOR CEILING REPLACEMENT.
2. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. RETAIN EXISTING CIRCUIT FOR REUSE.
3. DISCONNECT EXISTING EXHAUST FAN. RETAIN EXISTING CIRCUIT AND CONTROLS FOR REUSE.

KEY PLAN



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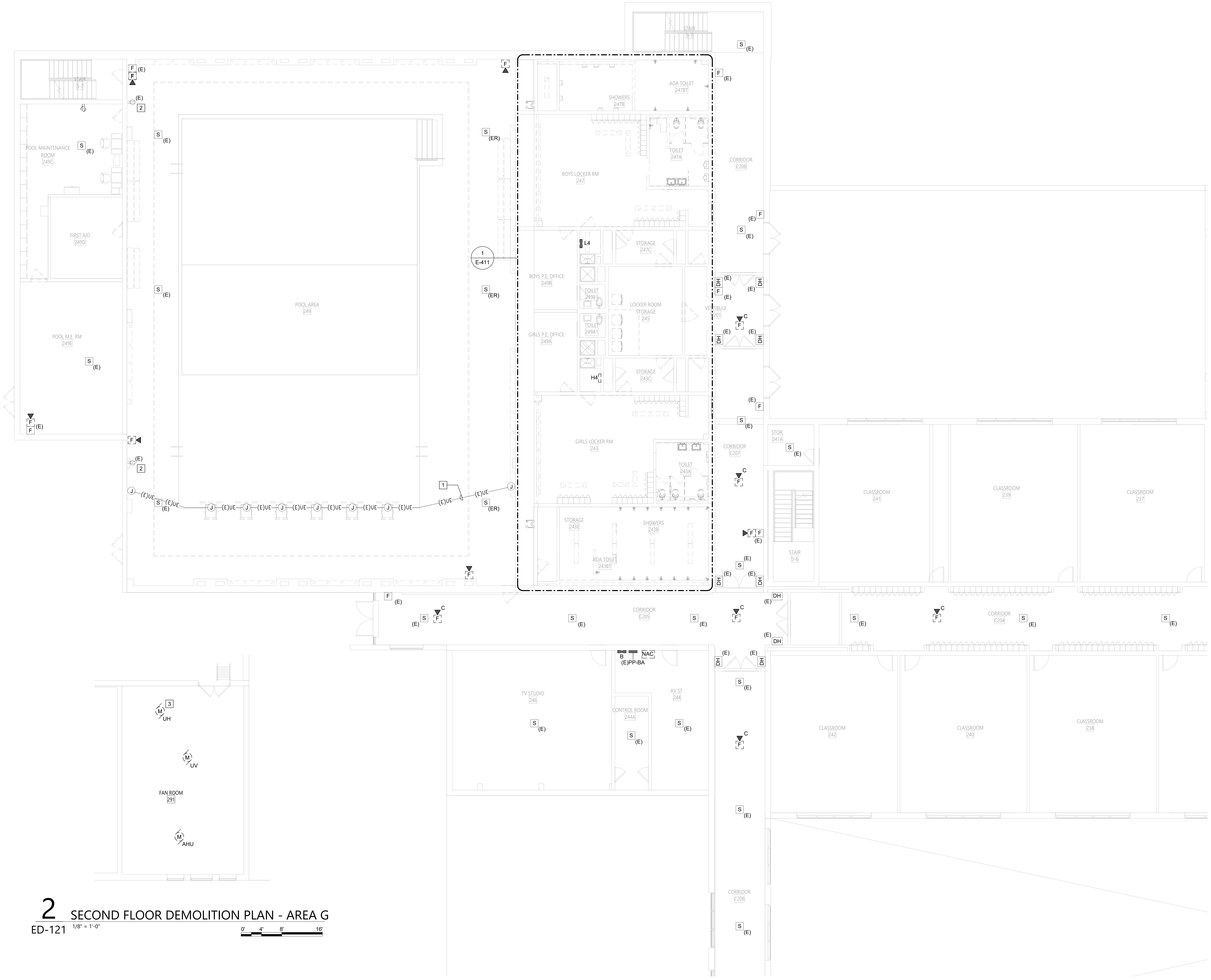
Sheet Title

GROUND
FLOOR
DEMOLITION
PLAN AREA G

Sheet No.

WHS
ED-115

CONSTRUCTION DOCUMENTS



2 SECOND FLOOR DEMOLITION PLAN - AREA G
ED-121 1/8" = 1'-0"

1 SECOND FLOOR DEMOLITION PLAN - AREA A
ED-121 1/8" = 1'-0"

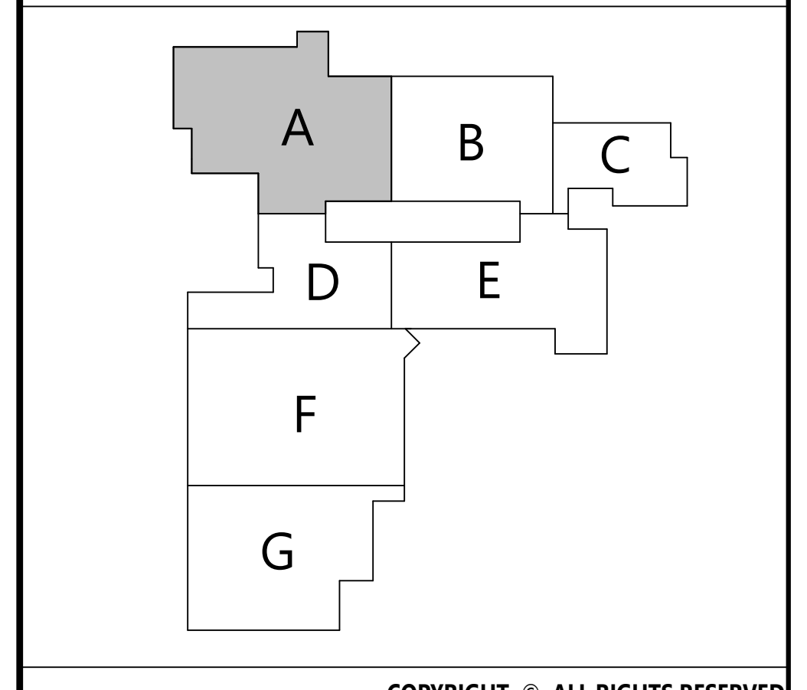
GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITION NOTES

1. EC SHALL REMOVE EXISTING TIMING WIRING FROM EXISTING UNDERSLAB CONDUIT. RETAIN EXISTING CONDUIT FOR REUSE. GC TO REMOVE EXISTING WALL AND DECK CONTROL PANELS
2. GC TO REMOVE EXISTING PACE CLOCK. RETAIN EXISTING RECPTACLE FOR REUSE.
3. DISCONNECT EXISTING UNIT HEATER. RETAIN EXISTING CIRCUIT FOR REUSE.

KEY PLAN



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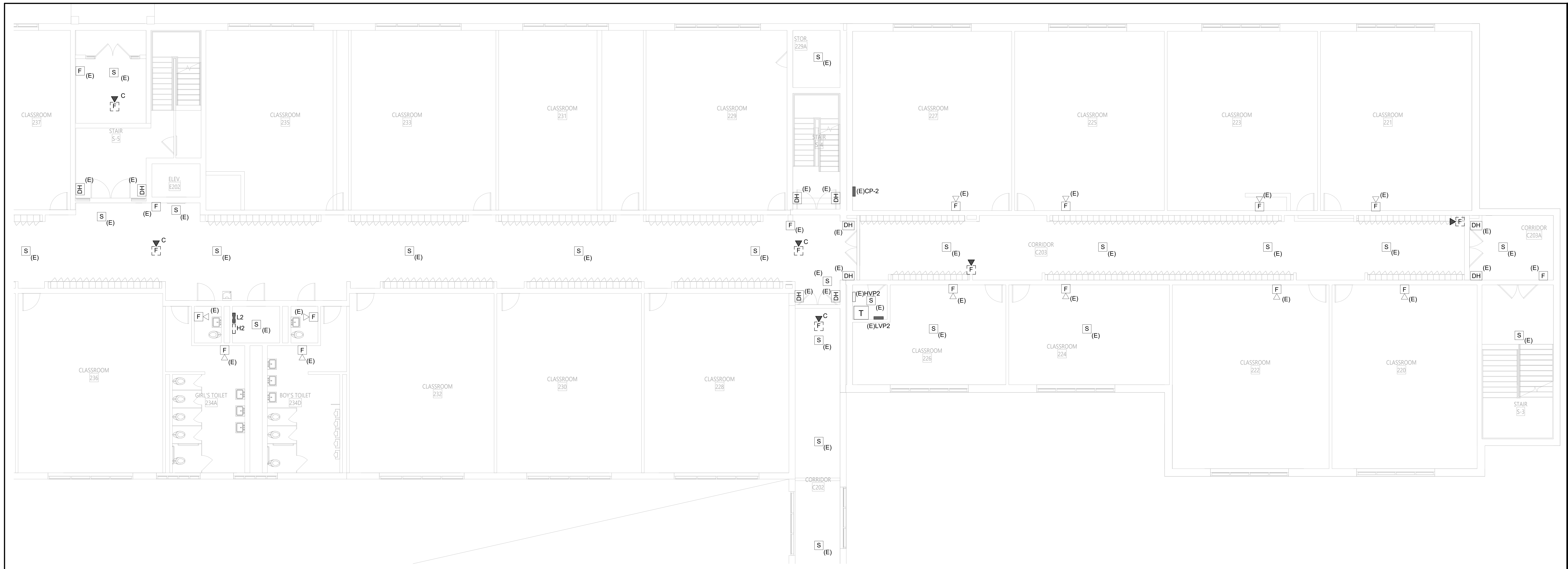
Sheet Title
SECOND FLOOR DEMOLITION PLAN AREA A & G

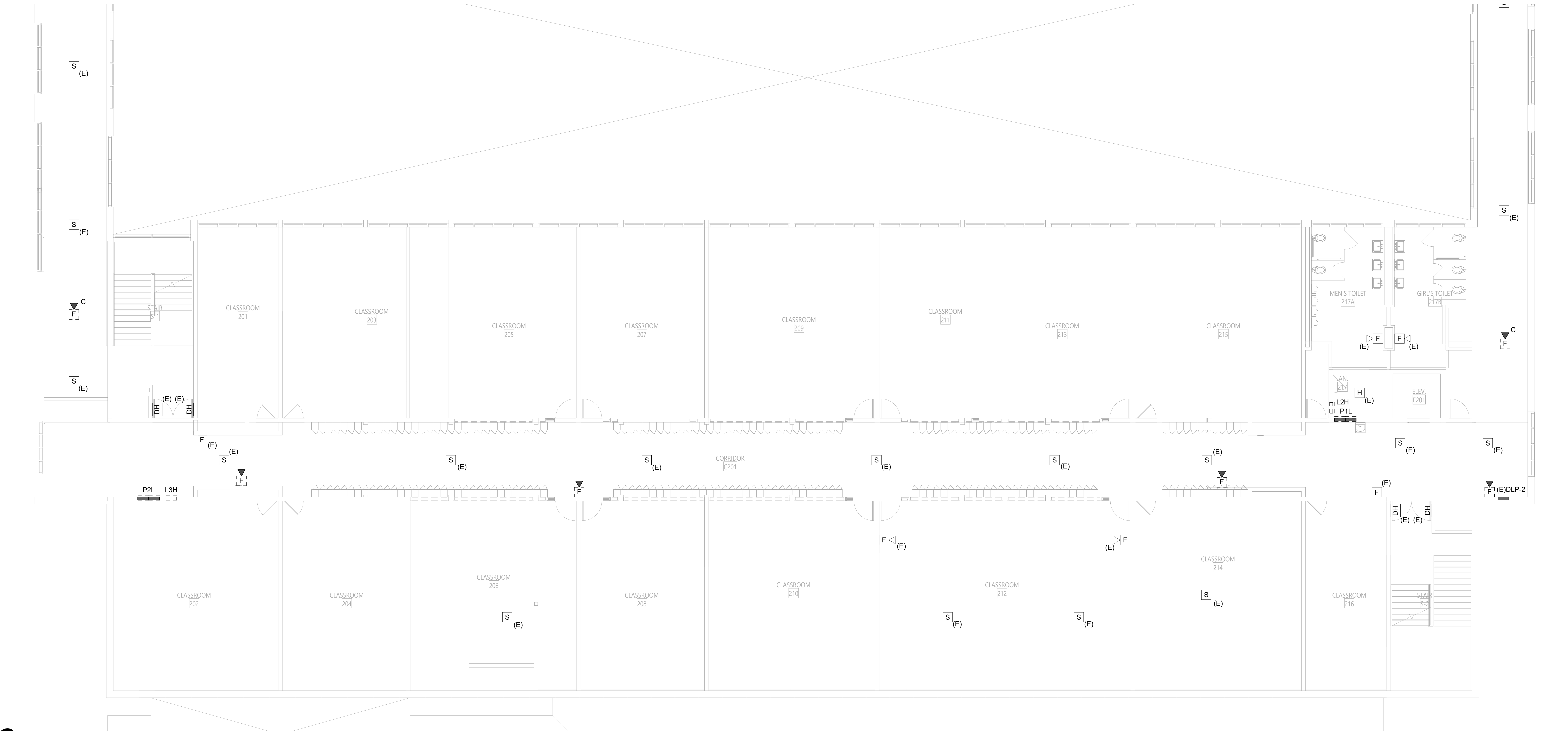
Sheet No.
WHS
ED-121

CONSTRUCTION DOCUMENTS



1 SECOND FLOOR DEMOLITION PLAN - AREAS B & C

ED-122 1/8" = 1'-0"



2 SECOND FLOOR DEMOLITION PLAN - AREAS D & E

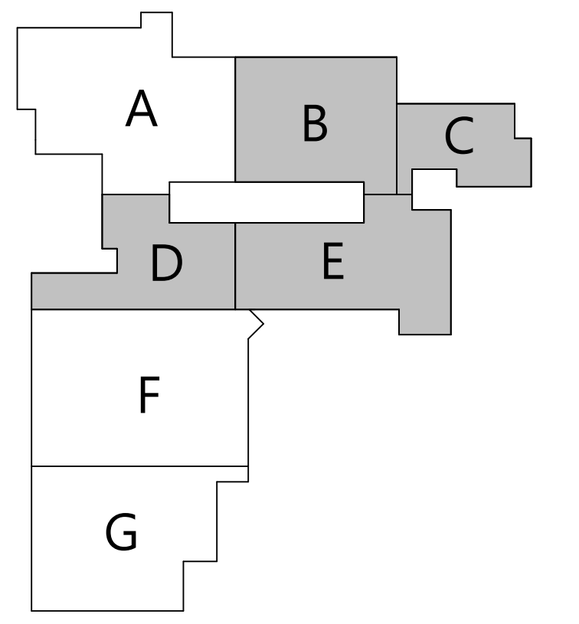
ED-122 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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Sheet Title

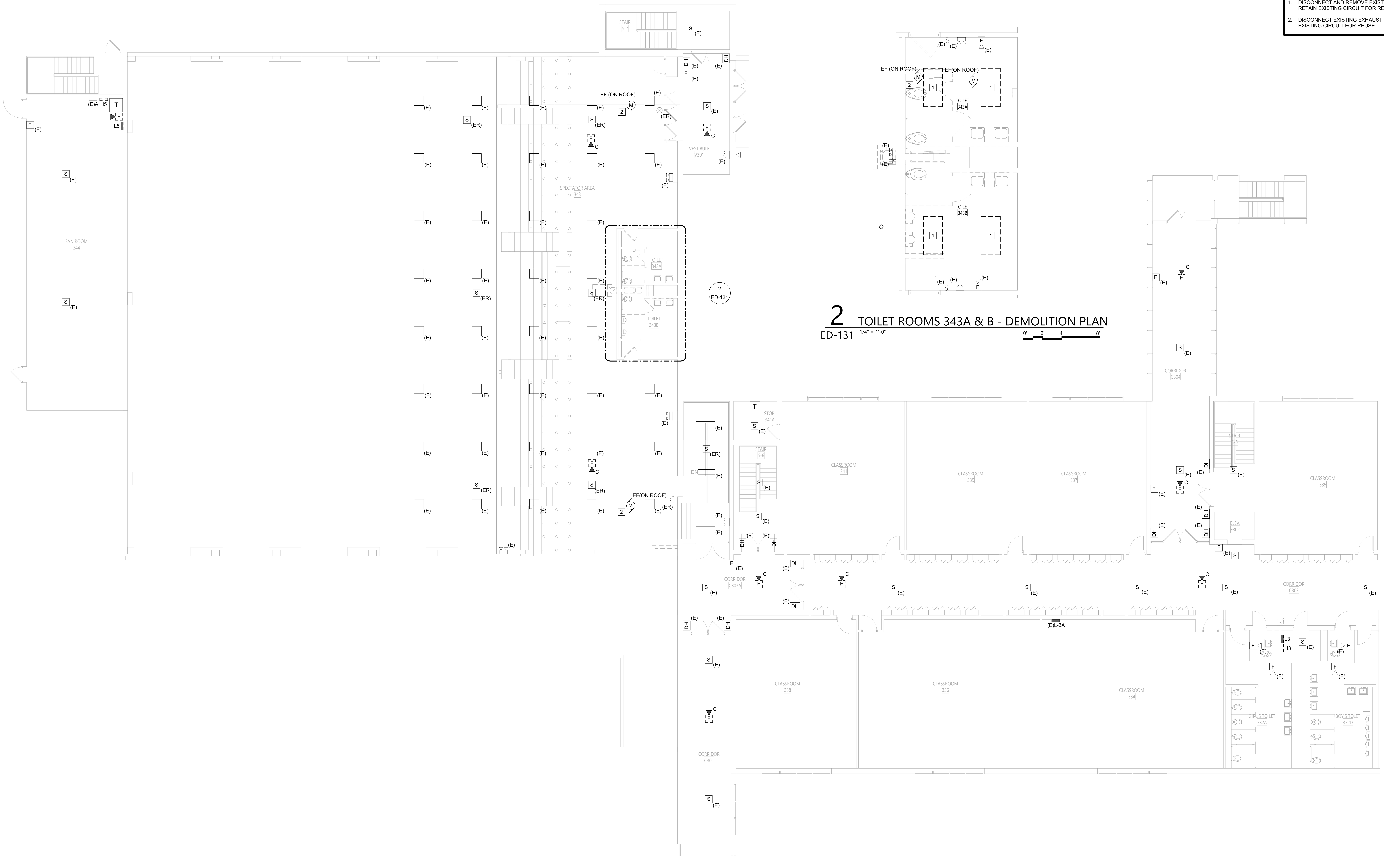
SECOND FLOOR DEMOLITION PLAN AREAS B & C

Sheet No.

WHS
ED-122

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt



2 TOILET ROOMS 343A & B - DEMOLITION PLAN
ED-131 1/4" = 1'-0"

1 THIRD FLOOR DEMOLTION PLAN - AREA A
ED-131 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

A. TEMPORARILY DISCONNECT AND REATAIN ALL DEVICES INDICATED AS "ER" TO ALLOW FOR CEILING REPLACEMENT

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITION NOTES

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. RETAIN EXISTING CIRCUIT FOR REUSE.
2. DISCONNECT EXISTING EXHAUST FAN. RETAIN EXISTING CIRCUIT FOR REUSE.

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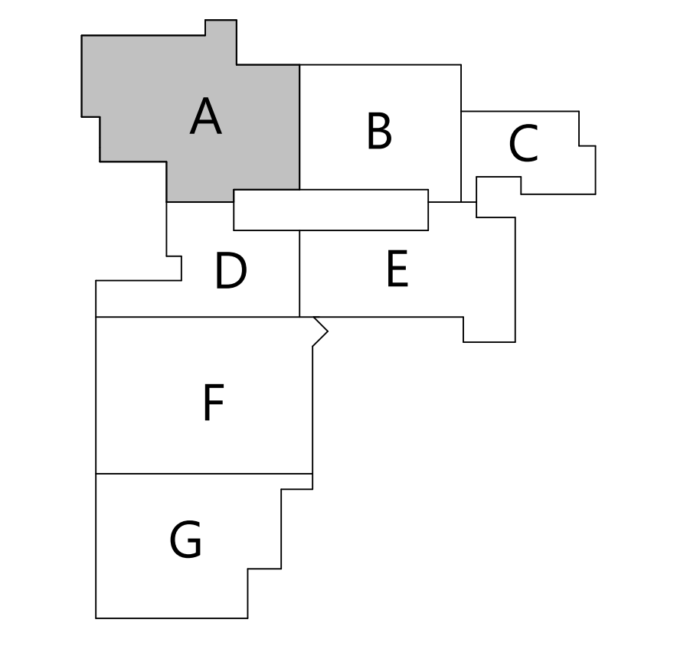
Sheet Title
THIRD FLOOR
DEMOLITION
PLAN AREA A

KEY PLAN



Sheet No.
WHS
ED-131
CONSTRUCTION DOCUMENTS

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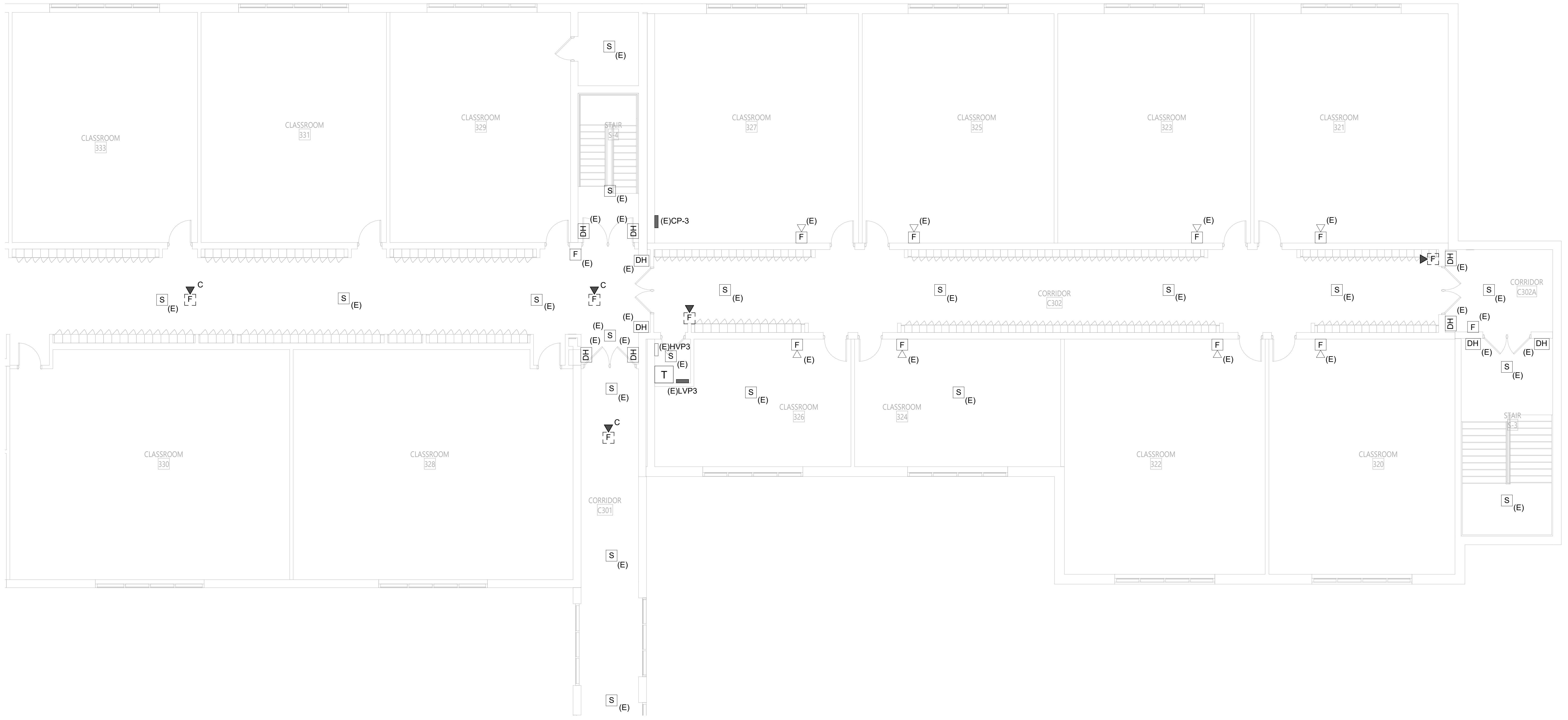
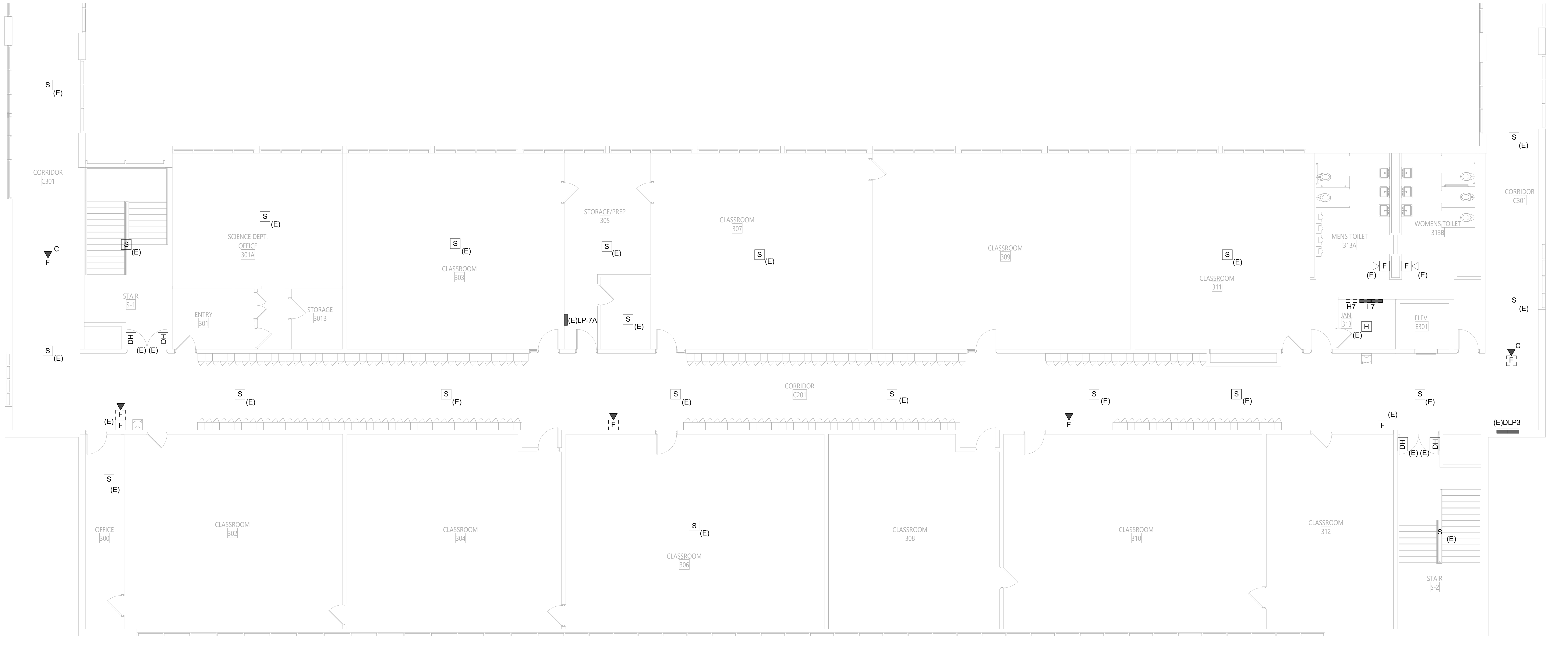


2 THIRD FLOOR DEMOLITION PLAN - AREAS B & C

ED-132 1/8" = 1'-0"

0' 4' 8' 16'



1 THIRD FLOOR DEMOLITION PLAN - AREA D & E

ED-132 1/8" = 1'-0"

0' 4' 8' 16'

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

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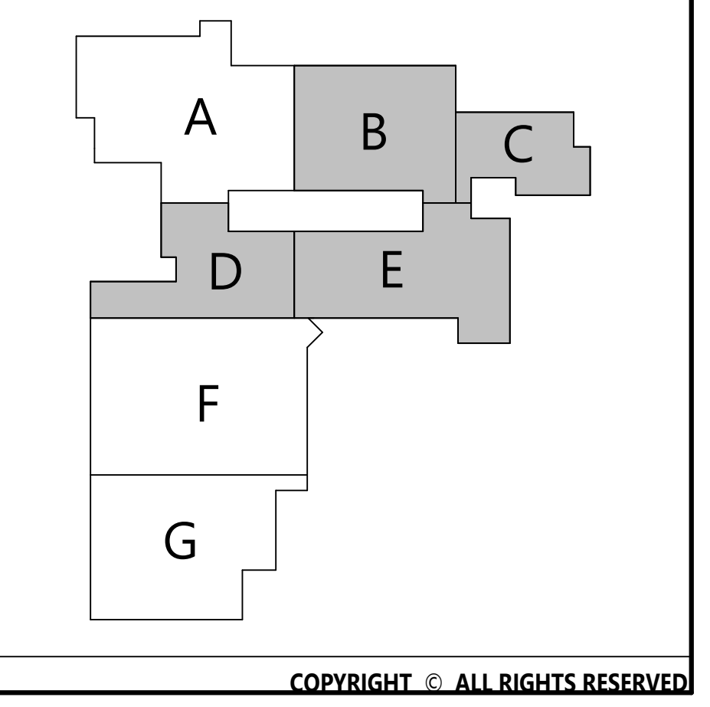
A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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Sheet Title

THIRD FLOOR DEMOLITION PLAN AREAS B, C, D, E

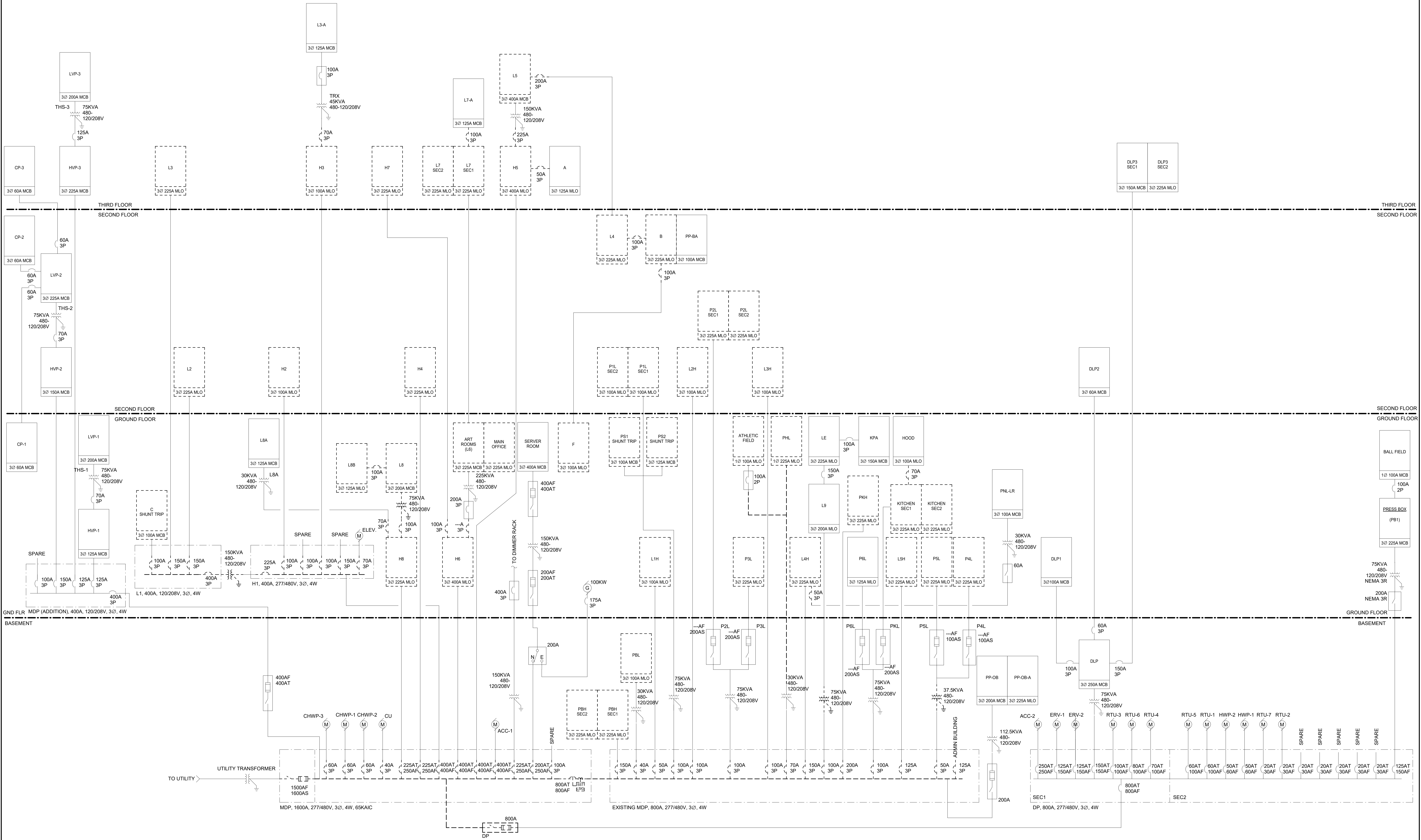
Sheet No.

WHS
ED-132

CONSTRUCTION DOCUMENTS

GENERAL DEMOLITION NOTES

A. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By: SPW
Checked By: SZE
Proj. #: 44-01-02-06-0-007-033
CSArch Proj. #: 228-2401.03
Construction Documents: 12/12/2025

Sheet Title

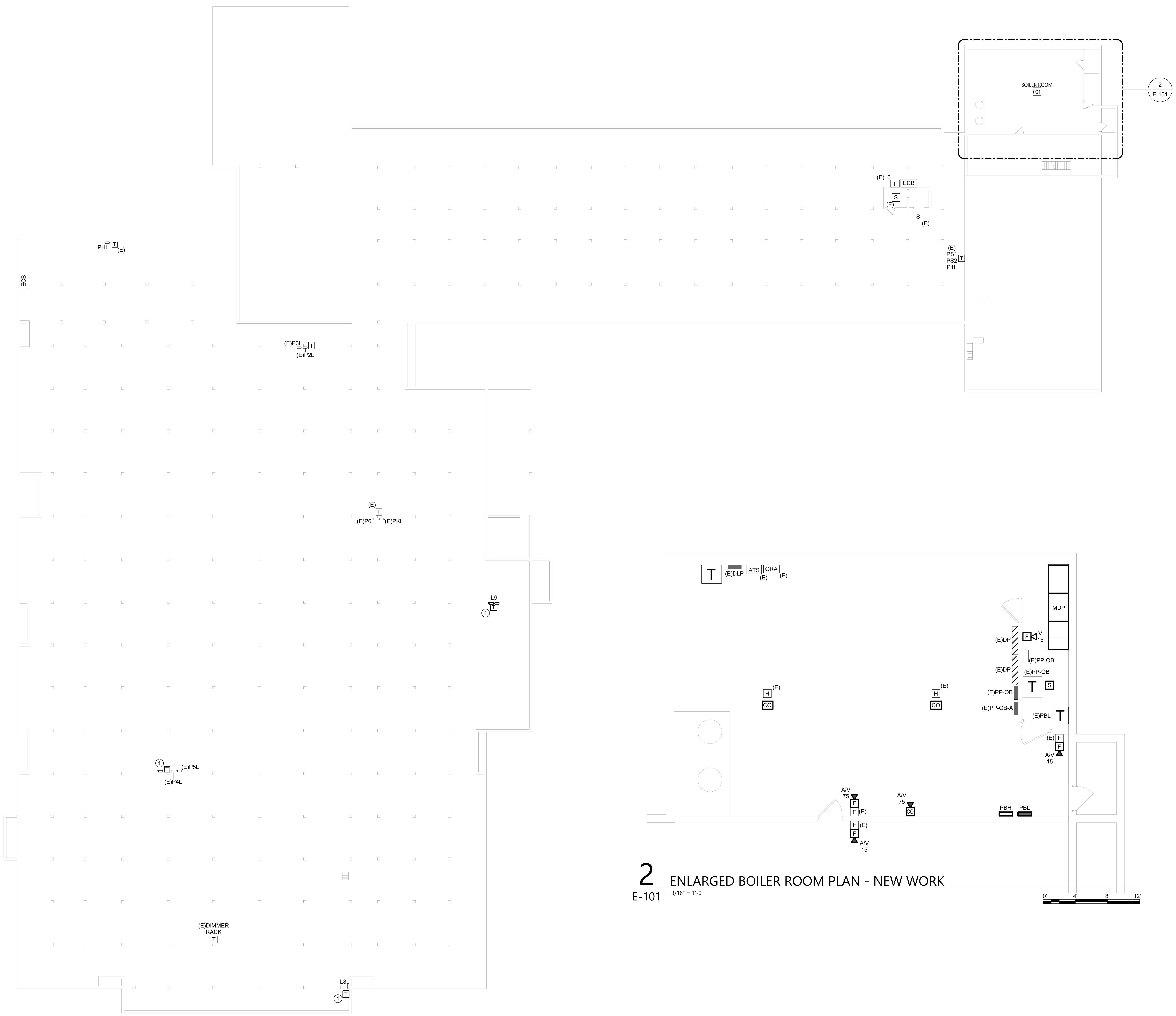
ONE LINE DIAGRAM - DEMOLITION

Sheet No.

WHS
ED-600

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt



1 CRAWLSPACE NEW WORK PLAN

E-101

1/16" = 1'-0"

2 ENLARGED BOILER ROOM PLAN - NEW WORK

E-101

3/16" = 1'-0"

GENERAL NOTES

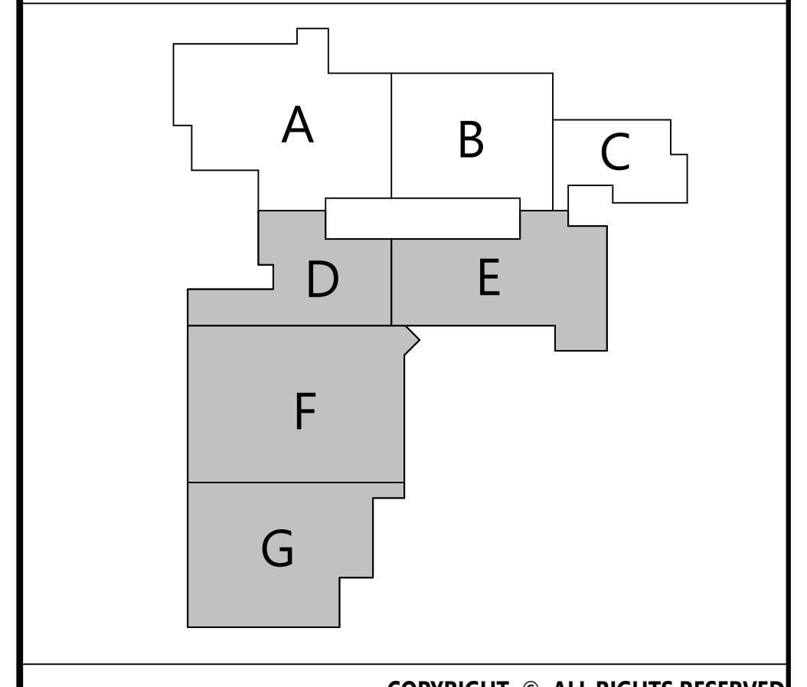
A. COORDINATE ALL WORK WITH OTHER TRADES

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. CONNECT NEW TRANSFORMER TO PREVIOUSLY RETAINED CIRCUIT. REFER TO ONE LINE DIAGRAMS FOR ADDITIONAL INFORMATION.

KEY PLAN



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Sheet Title

CRAWLSPACE
NEW WORK
PLAN

Sheet No.

WHS
E-101

CONSTRUCTION DOCUMENTS

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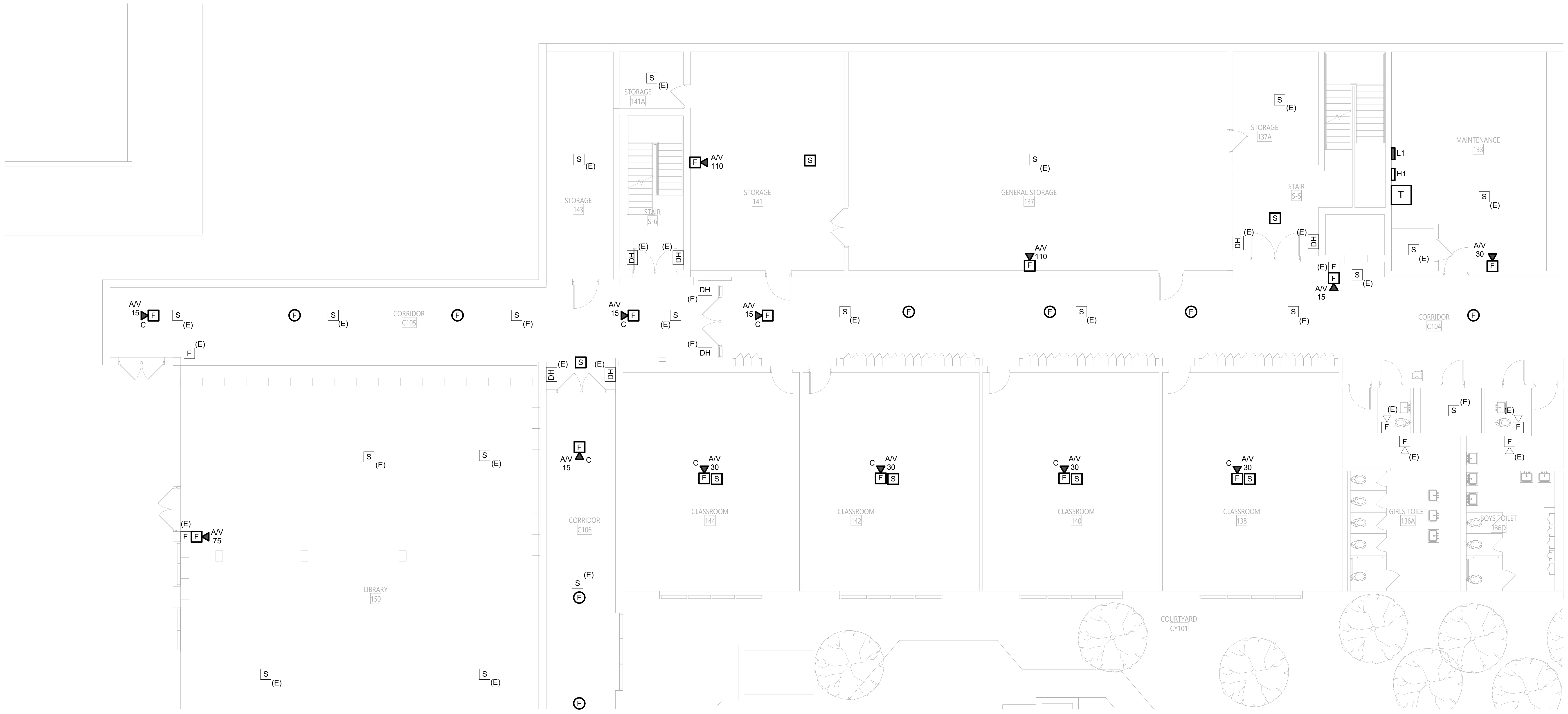
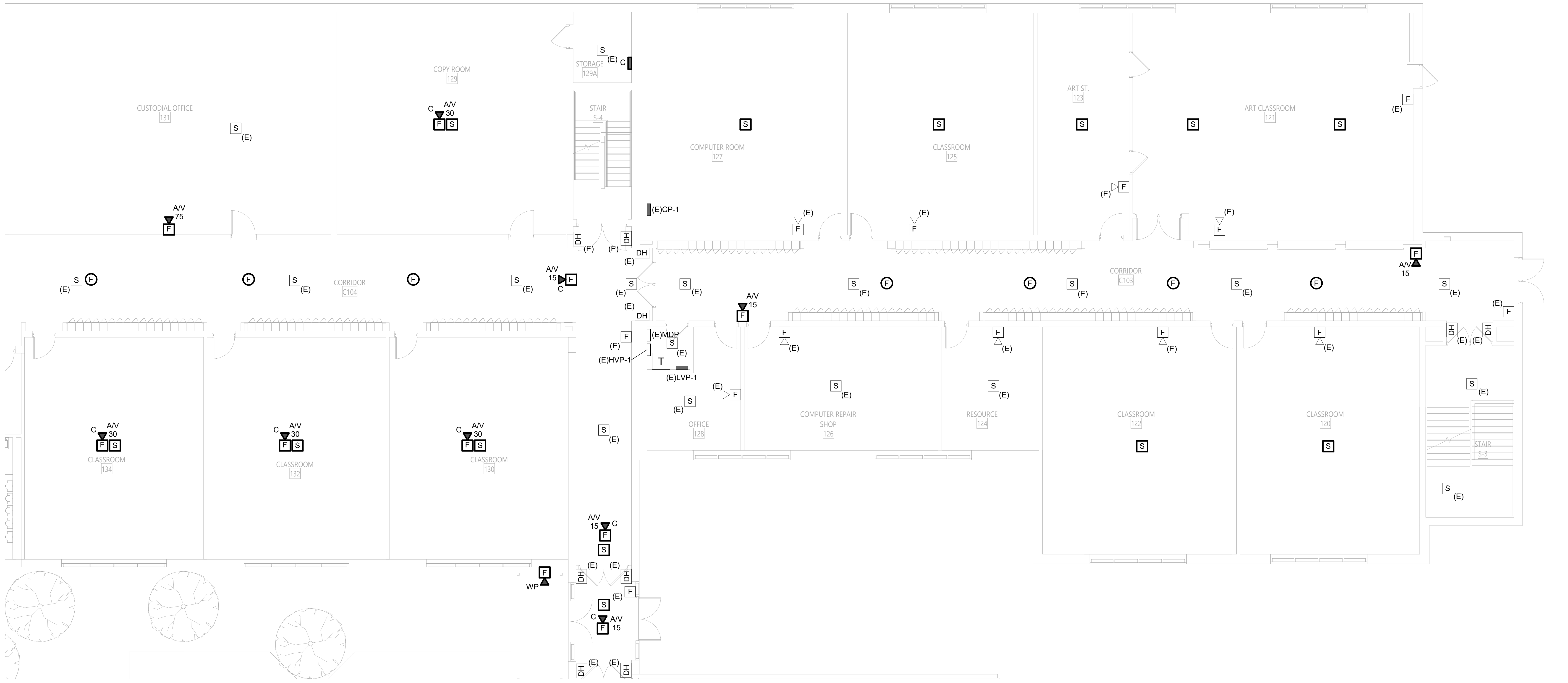


1 GROUND FLOOR NEW WORK PLAN - AREA A

E-111 1/8" = 1'-0"



2 GROUND FLOOR NEW WORK PLAN - AREA B & C

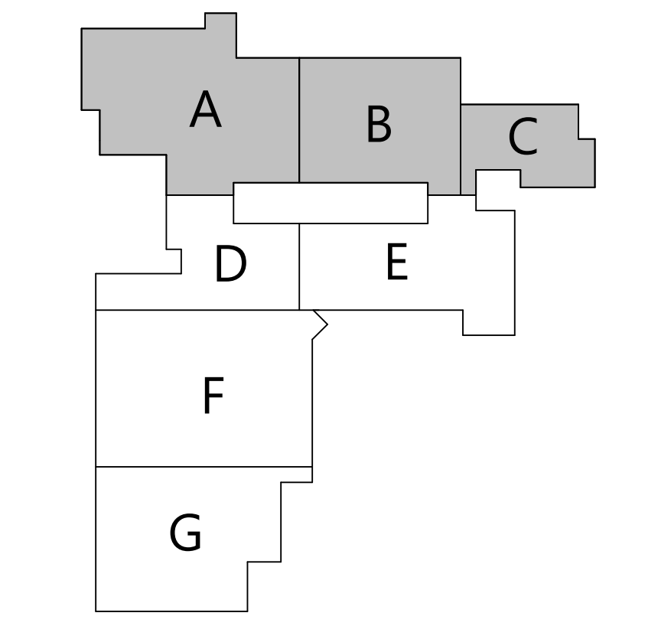
E-111 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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Sheet Title

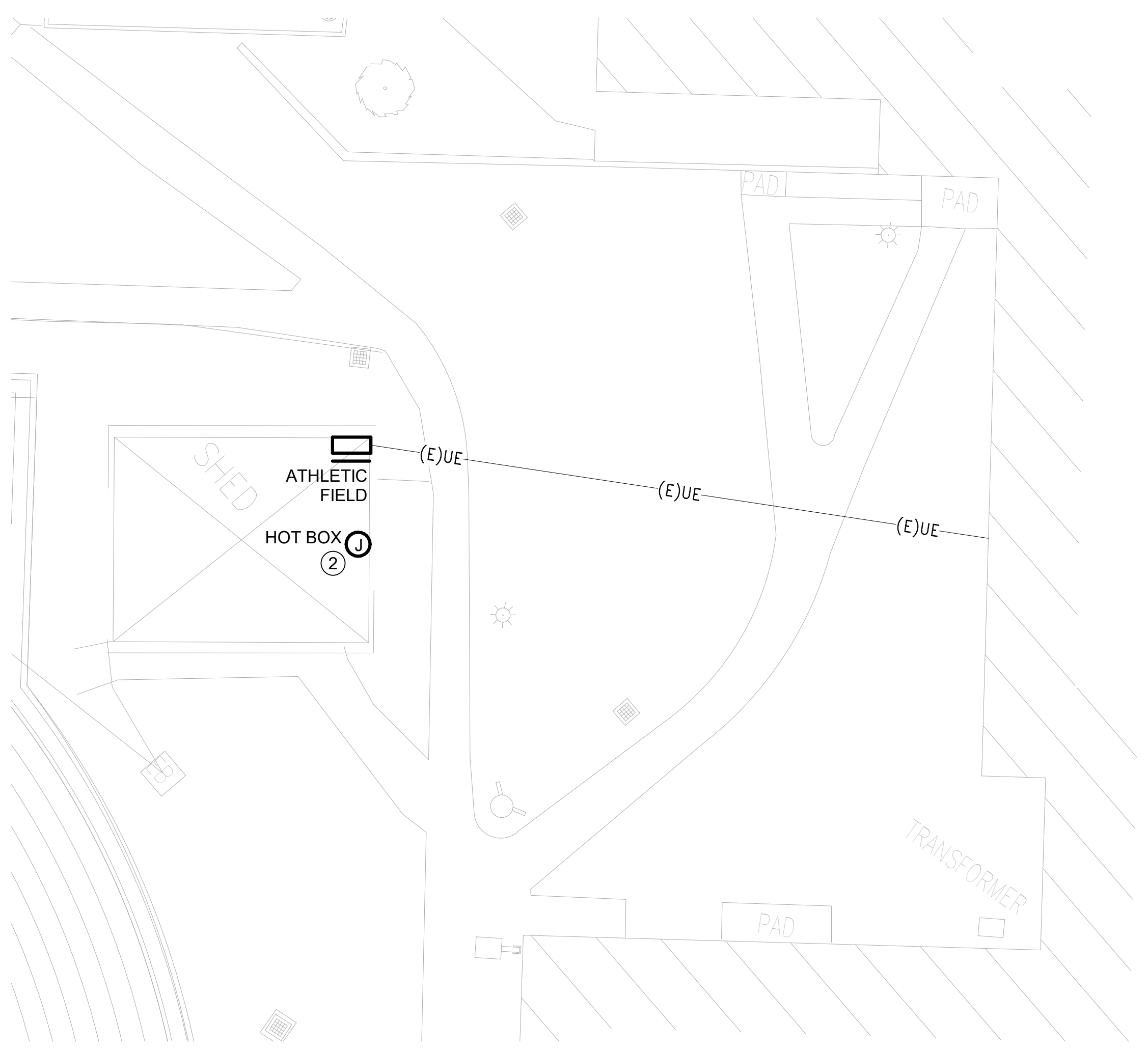
GROUND FLOOR NEW WORK PLAN AREAS A, B, C

Sheet No.

WHS E-111

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

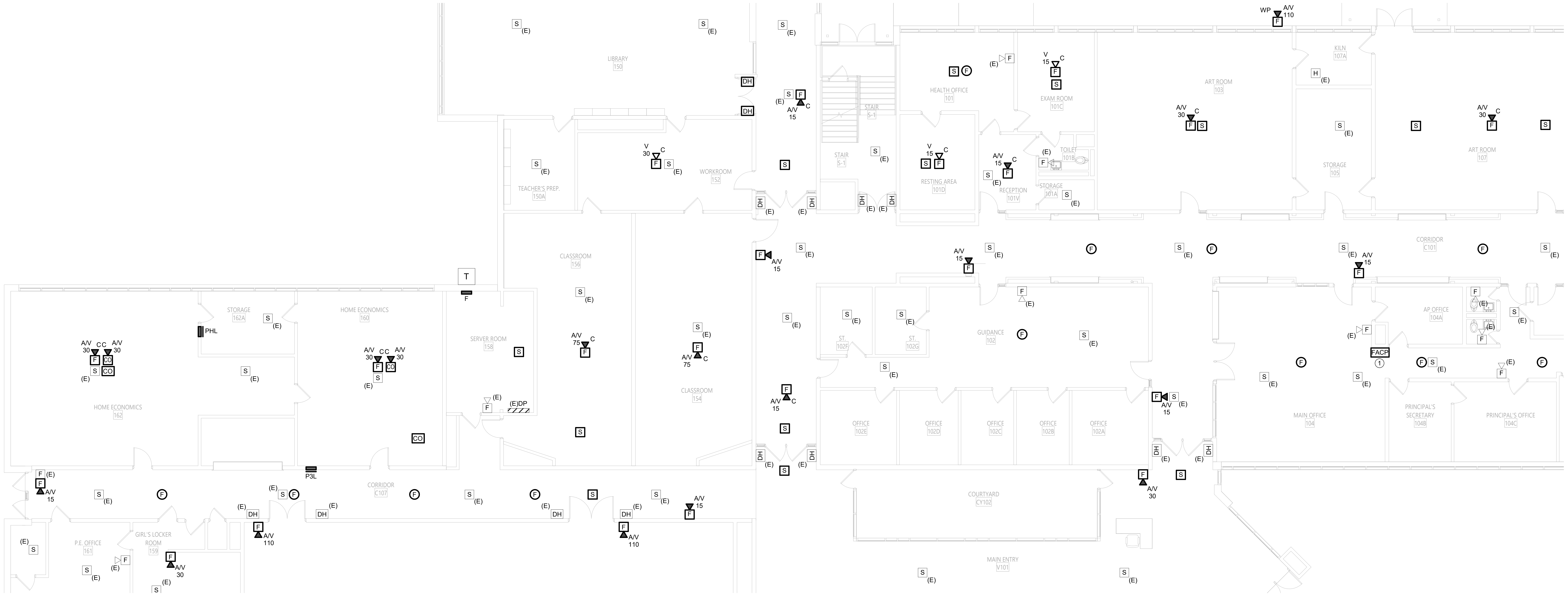


2 SPORTS SHED NEW WORK PLAN

E-112

1" = 20'-0"

0' 10' 20' 40'



1 GROUND FLOOR NEW WORK PLAN - AREA D

E-112

1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

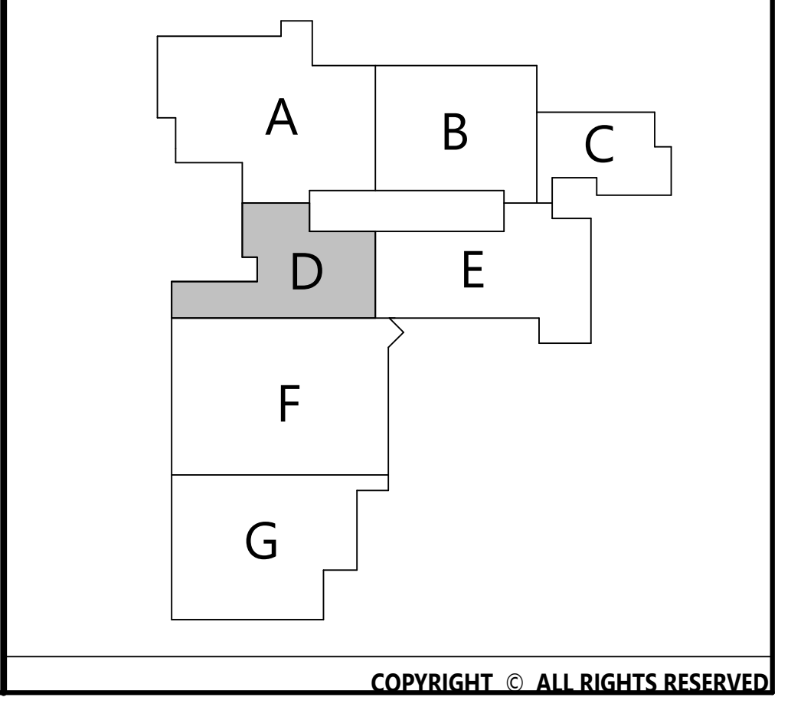
B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. PROVIDE ALL LABOR AND MATERIALS REQUIRED FOR THE UPGRADE OF EXISTING ADDRESSIBLE FACP. REFER TO DRAWING E-001 FOR ADDITIONAL INFORMATION.

2. PROVIDE 120V CONNECTION FOR HOT BOX HEATERS. COORDINATE EXACT LOCATION WITH PC.

KEY PLAN



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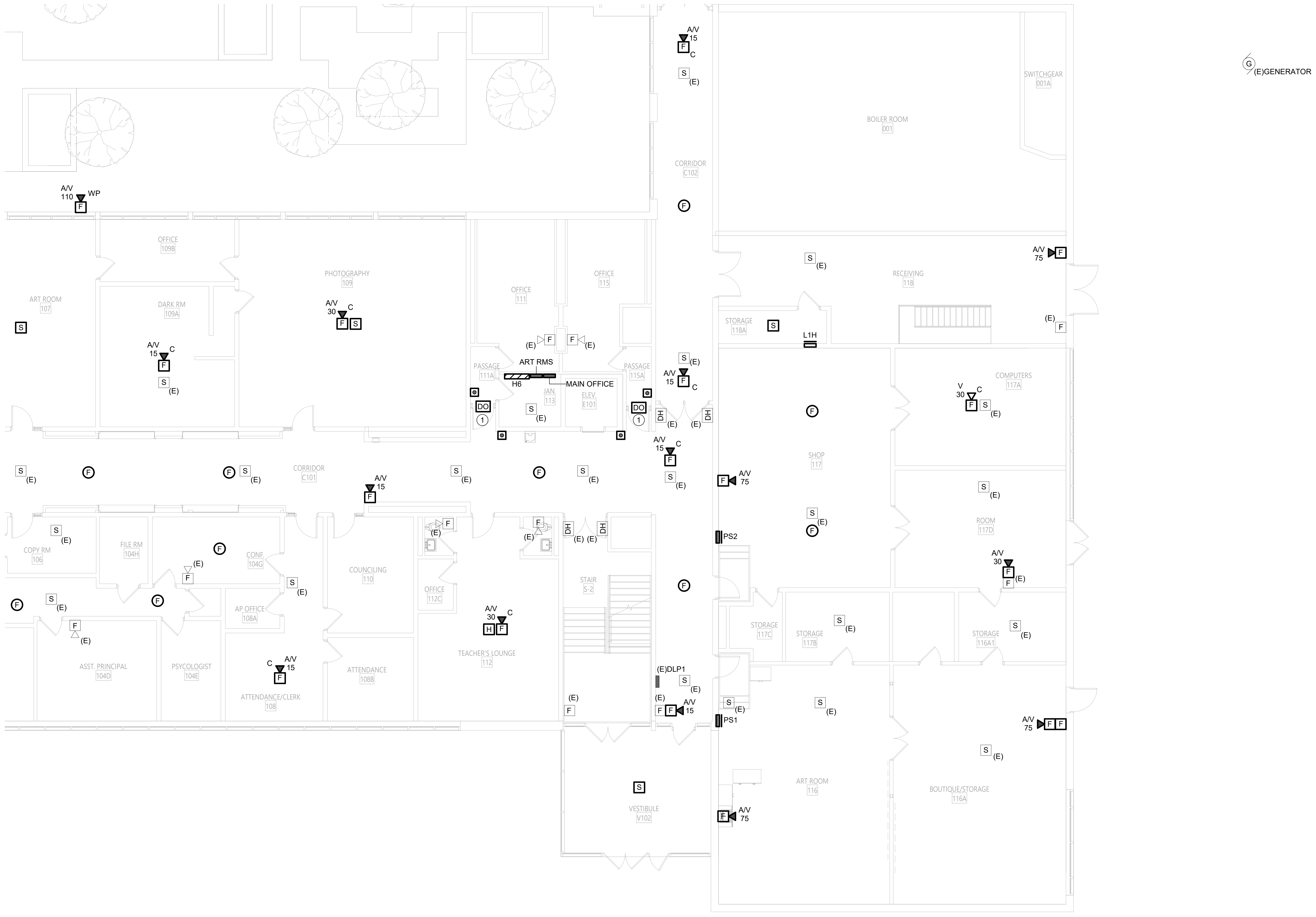
Sheet Title

GROUND FLOOR NEW WORK PLAN AREA D

Sheet No.

WHS
E-112

CONSTRUCTION DOCUMENTS



1 GROUND FLOOR NEW WORK PLAN - AREA E

E-113 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

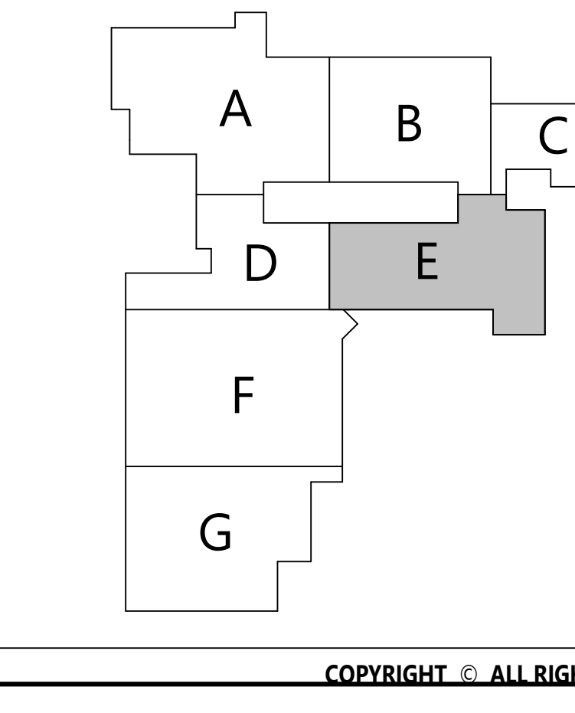
B. ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.

C. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. ADA DOOR OPERATOR PROVIDED BY GC. EC TO PROVIDE 120V POWER TO OPERATOR AND CONTROL DEVICES FROM PANEL DLP1:37. GC TO PROVIDE ALL LOW VOLTAGE CONTROLS

KEY PLAN



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Sheet Title

GROUND FLOOR NEW WORK PLAN AREA E

Sheet No.

WHS
E-113

CONSTRUCTION DOCUMENTS

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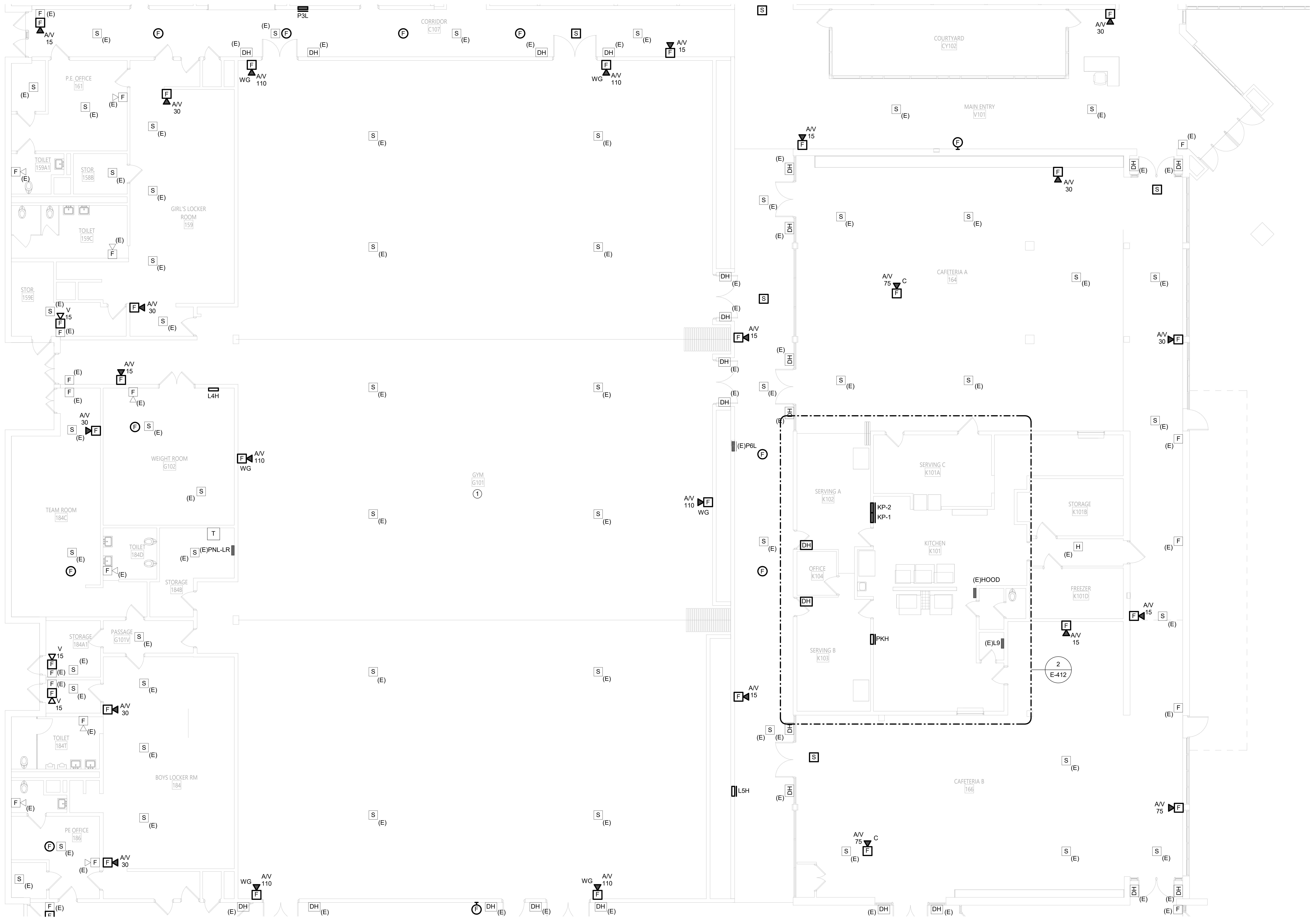


1 GROUND FLOOR NEW WORK PLAN - AREA F

E-114

1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES

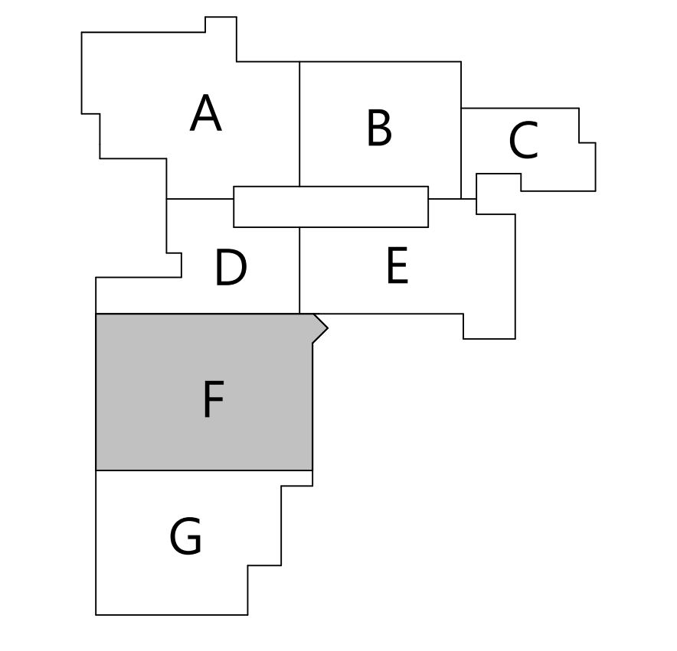
A. COORDINATE ALL WORK WITH OTHER TRADES

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. EXISTING GYM PA SYSTEM SHALL TIED INTO FIRE ALARM SYSTEM. FIRE ALARM ACTIVATION SHALL OVERIDE PA SYSTEM.

KEY PLAN



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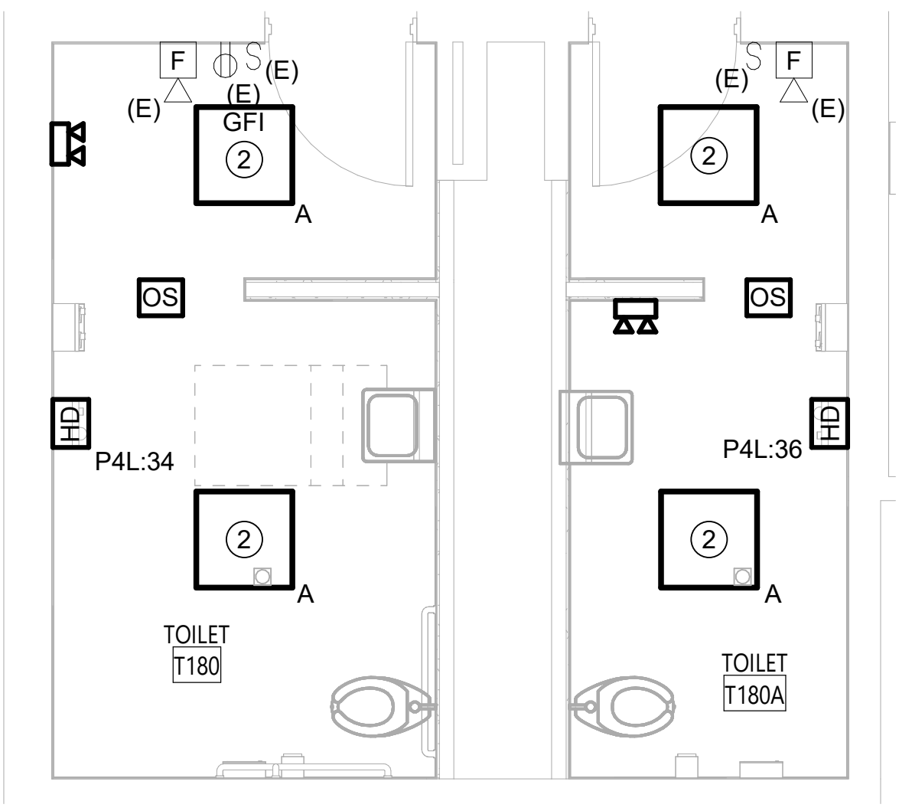
Sheet Title

GROUND FLOOR NEW WORK PLAN AREA F

Sheet No.

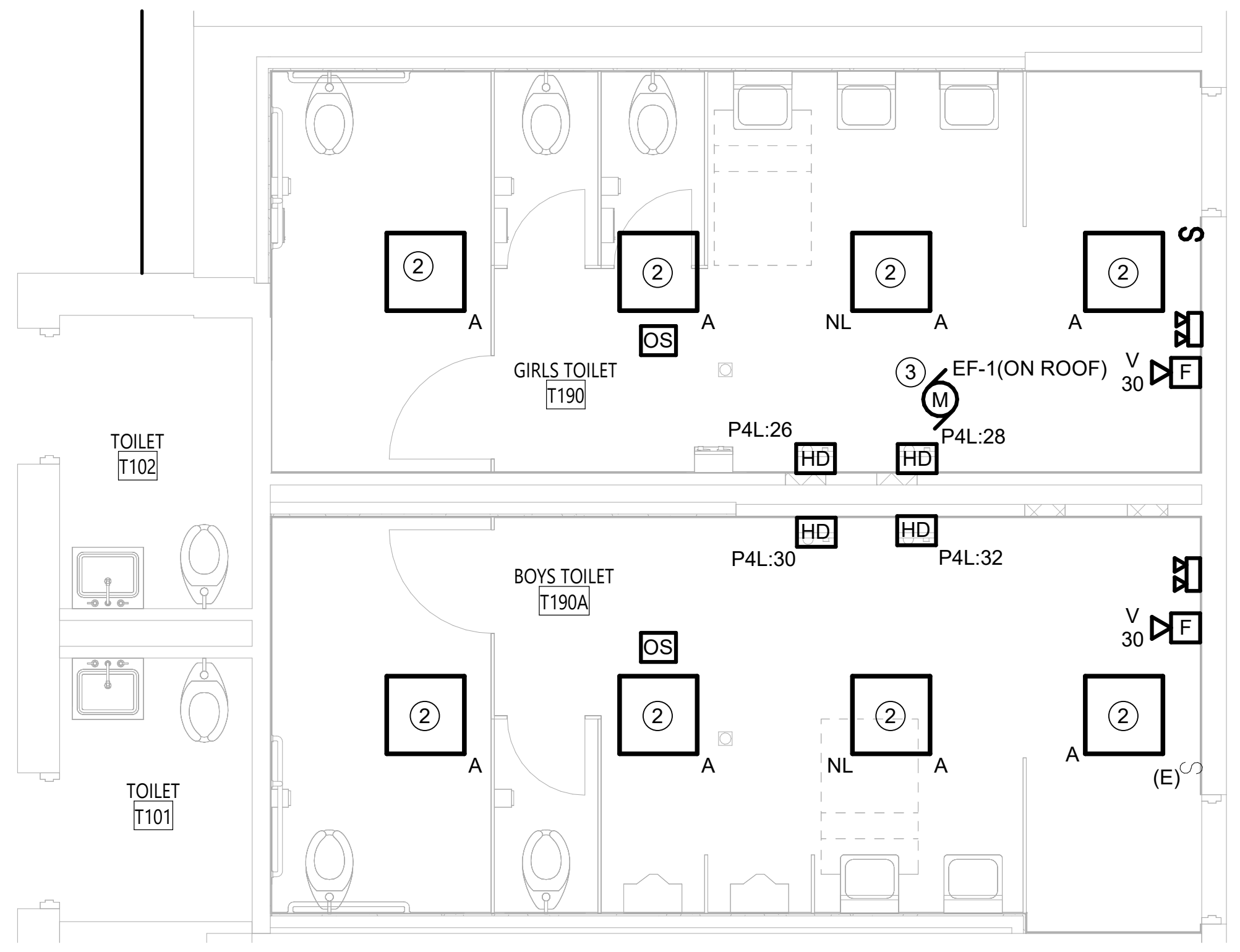
WHS E-114

CONSTRUCTION DOCUMENTS



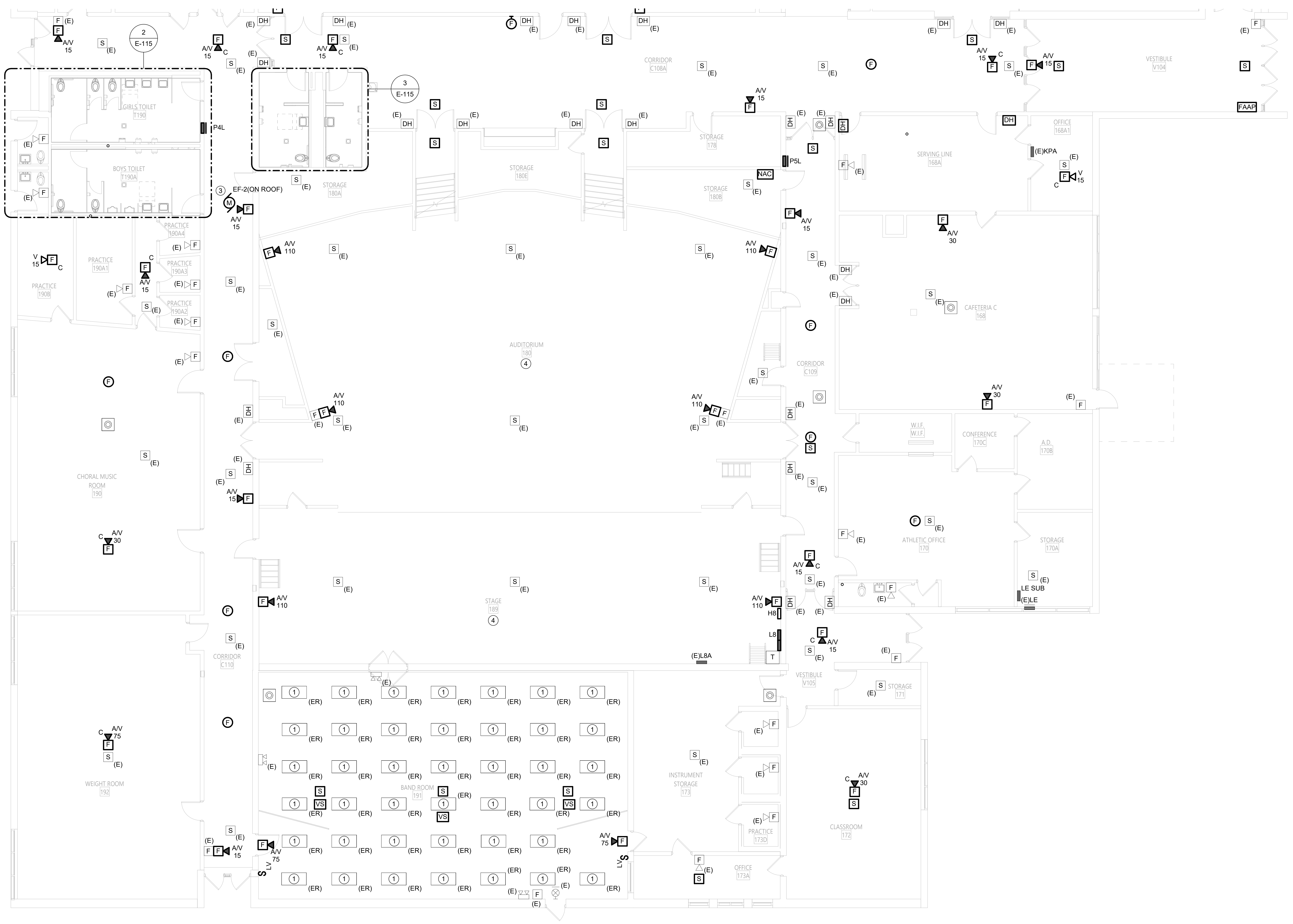
3 TOILET ROOMS T180 & T180A - NEW WORK PLAN

E-115 1/4" = 1'-0"



2 TOILET ROOMS T190 & T190A - NEW WORK PLAN

E-115 1/4" = 1'-0"



1 GROUND FLOOR NEW WORK PLAN - AREA G

E-115 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

C. ALL EXIT SIGNS AND ELUs SHALL BE CONNECTED TO NEARBY LIGHTING CIRCUIT AHEAD OF ANY SWITCHING

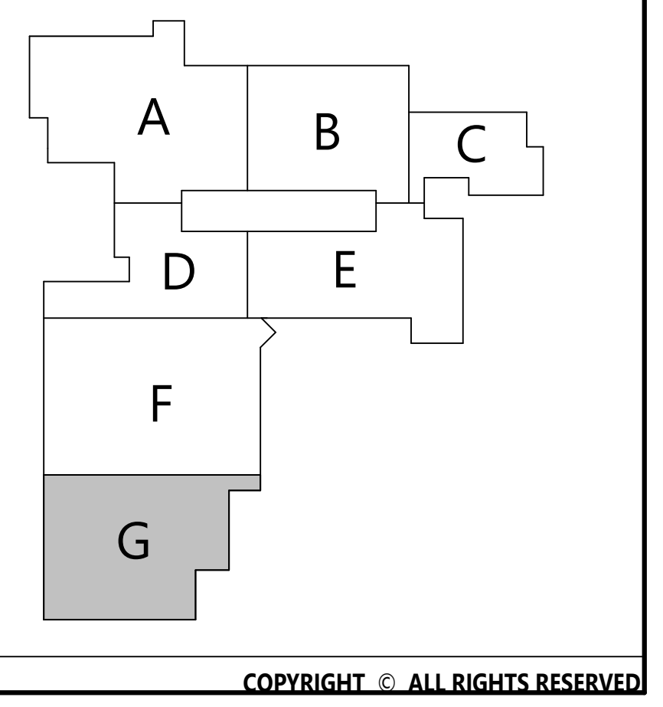
D. REFER TO DRAWING E704 FOR LUMINAIRE AND EQUIPMENT CONTROL SCHEDULES

E. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. RECONNECT PREVIOUSLY RETAINED LIGHT FIXTURE TO PREVIOUSLY RETAINED CIRCUIT ONCE CEILING WORK IS COMPLETE.
2. CONNECT NEW LIGHT FIXTURE TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS.
3. CONNECT NEW EXHAUST FAN TO PREVIOUSLY RETAINED CIRCUIT AND ASSOCIATED CONTROLS. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS
4. EXISTING AUDITORIUM PA SYSTEM SHALL TIED INTO FIRE ALARM SYSTEM. FIRE ALARM ACTIVATION SHALL OVERIDE PA SYSTEM.

KEY PLAN



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Sheet Title
GROUND FLOOR NEW WORK PLAN AREA G

Sheet No.
WHS
E-115

CONSTRUCTION DOCUMENTS

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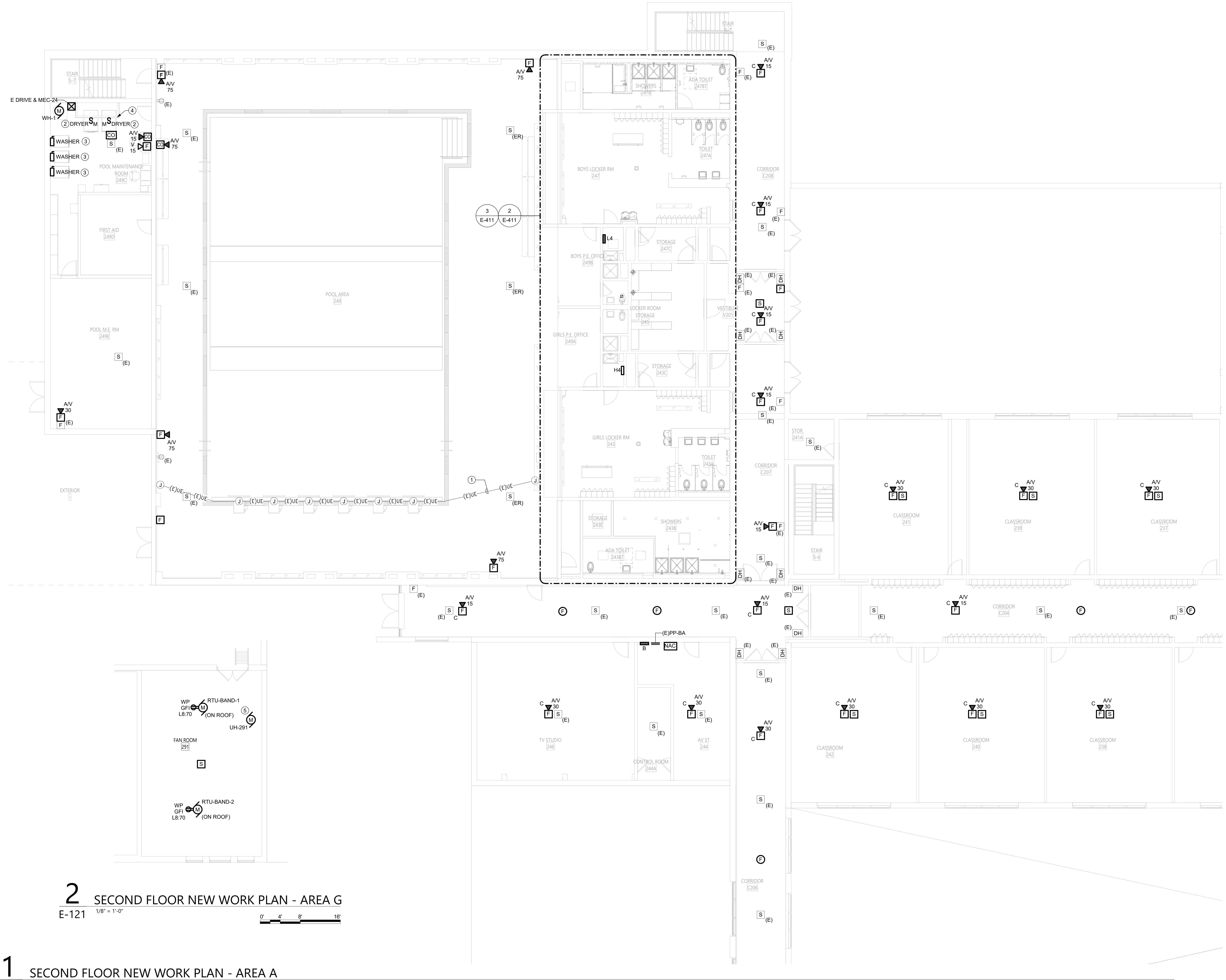


2 SECOND FLOOR NEW WORK PLAN - AREA G

E-121
1/8" = 1'-0"

1 SECOND FLOOR NEW WORK PLAN - AREA A

E-121
1/8" = 1'-0"

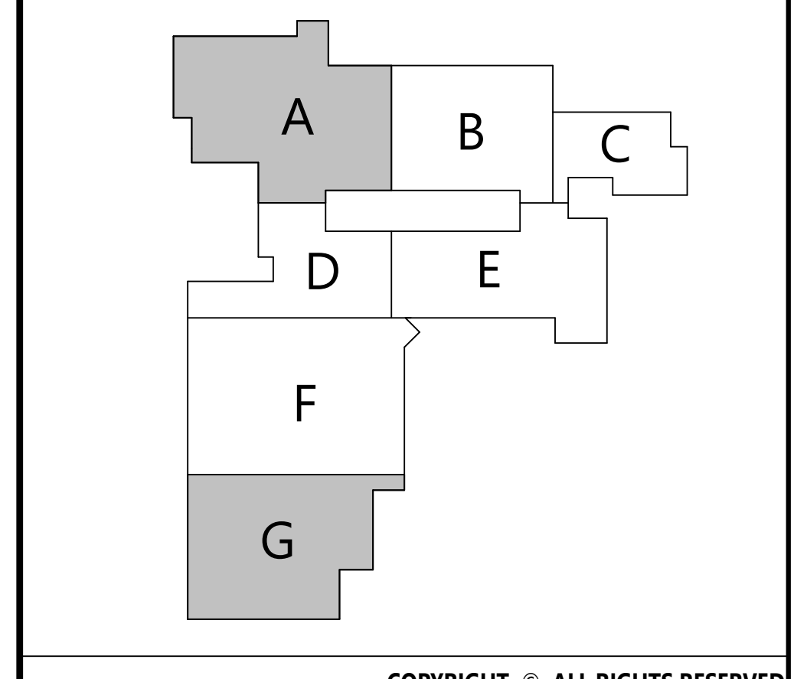
GENERAL NOTES

- A. COORDINATE ALL WORK WITH OTHER TRADES
- B. ALL BRANCH CIRUCIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- C. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. EC SHALL PULL NEW WIRING FOR TIMING SYSTEM THROUGH EXISTING UNDERSLAB CONDUITS. WALL AND DECK PLATES SHALL BE FURNISHED BY AND INSTALLED BY GC.
2. PROVIDE MOTOR RATED TOGGLE SWTICH FOR DRYER CONNECTION. CIRCUIT TO PANEL L5 LOCATED IN THIRD FLOOR FAN ROOM. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION
3. PROVIDE 30A/2P DISCONNECT SWITCH FOR WASHER CONNECTION. CIRCUIT TO PANEL L5 LOCATED IN THIRD FLOOR FAN ROOM. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION
4. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. COORDINATE EXACT LOCATION IN THE FIELD WITH MC.
5. CONNECT NEW UNIT HEATER TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS.

KEY PLAN



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Sheet Title

SECOND
FLOOR NEW
WORK PLAN
AREA A & G

Sheet No.

WHS
E-121

CONSTRUCTION DOCUMENTS

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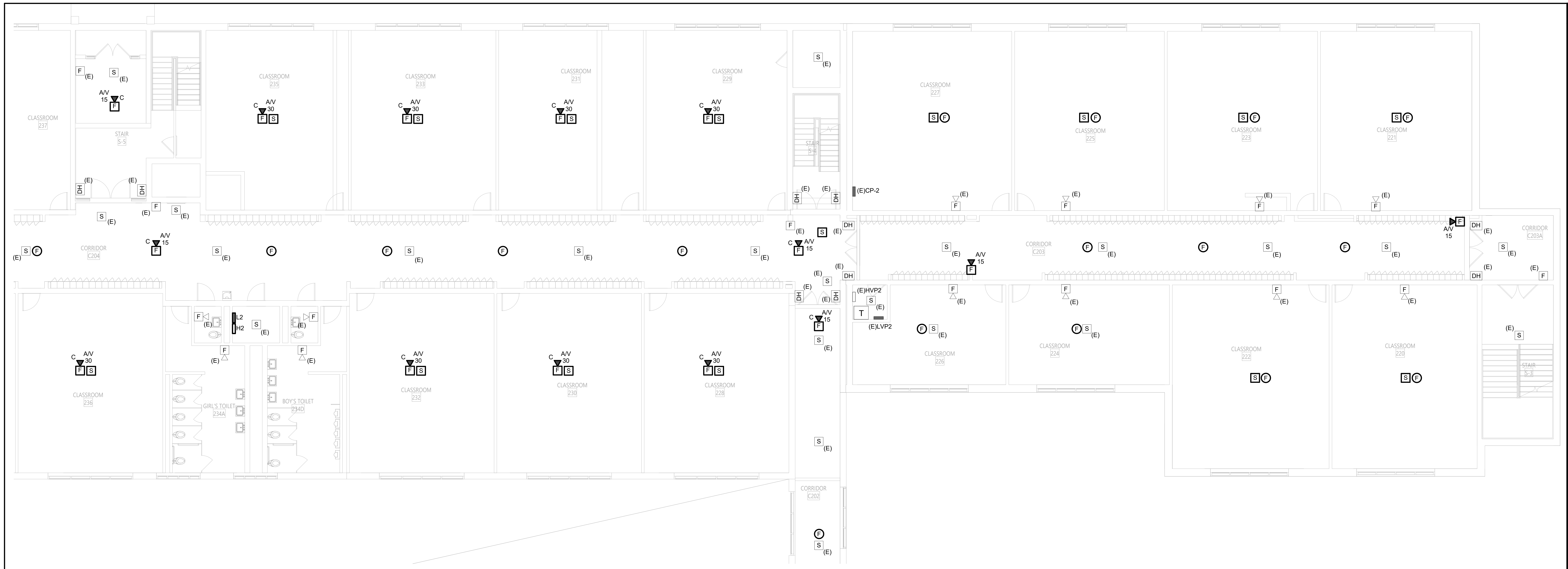
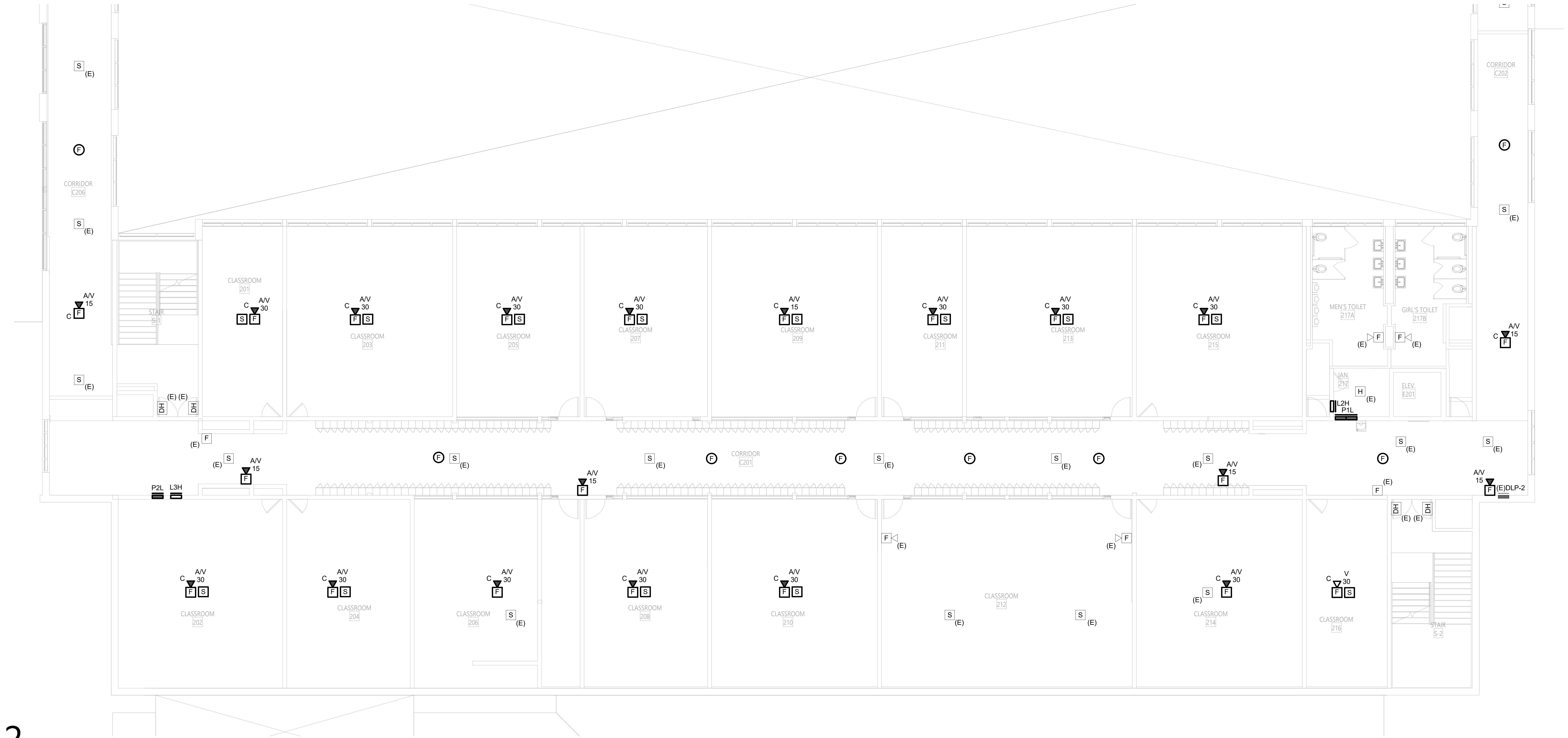


1

SECOND FLOOR NEW WORK PLAN - AREAS B & C

E-122

1/8" = 1'-0"



2

SECOND FLOOR NEW WORK PLAN - AREAS D & E

E-122

1/8" = 1'-0"

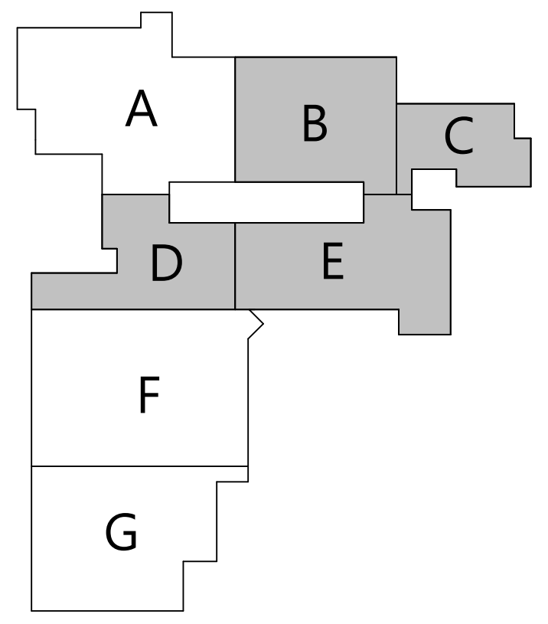
0' 4' 8' 16'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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Sheet Title

SECOND FLOOR NEW WORK PLAN AREAS B & C

Sheet No.

WHS E-122

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

C. ALL EXIT SIGNS AND ELUs SHALL BE CONNECTED TO NEARBY LIGHITNG CIRCUIT AHEAD OF ANY SWITCHING

D. REINSTALL ALL DEVICES INDICATED AS "ER" ONCE CEILING WORK IS COMPLETE

E. ALL LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL "H4" UNLESS OTHERWIE NOTED. ALL OTHER DEVICES SHALL BE CIRCUITED TO PANEL "L4" UNLESS OTHERWISE NOTED.

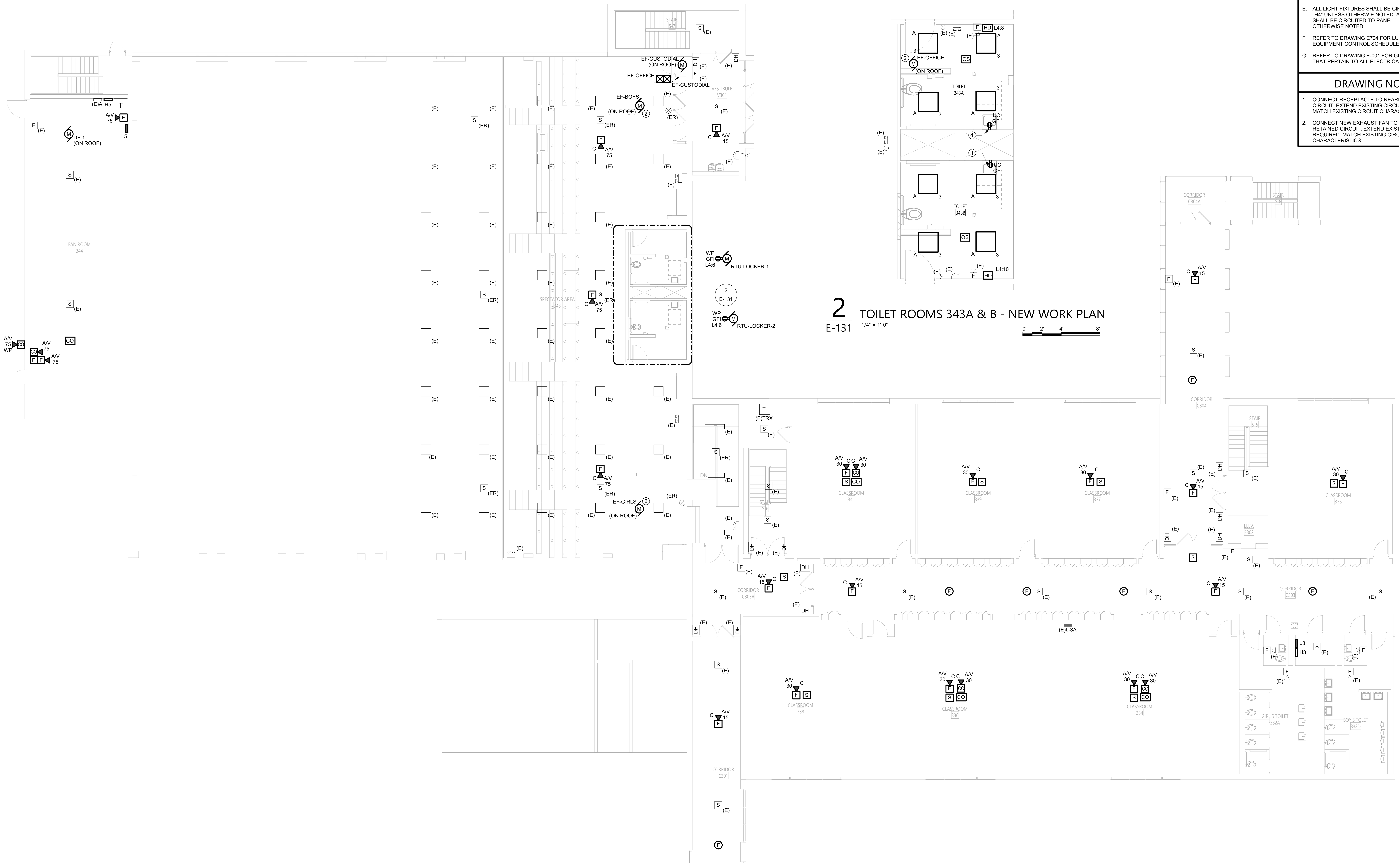
F. REFER TO DRAWING E704 FOR LUMINAIRE AND EQUIPMENT CONTROL SCHEDULES

G. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DRAWING NOTES

1. CONNECT RECEPTACLE TO NEARBY RECEPTACL CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS

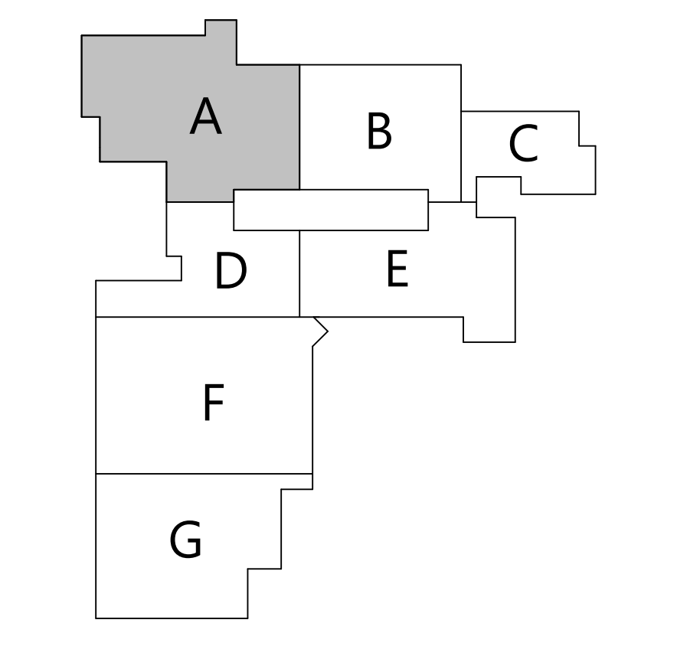
2. CONNECT NEW EXHAUST FAN TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS.



2 TOILET ROOMS 343A & B - NEW WORK PLAN
E-131
1/4" = 1'-0"

1 THIRD FLOOR NEW WORK PLAN - AREA A
E-131
1/8" = 1'-0"

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

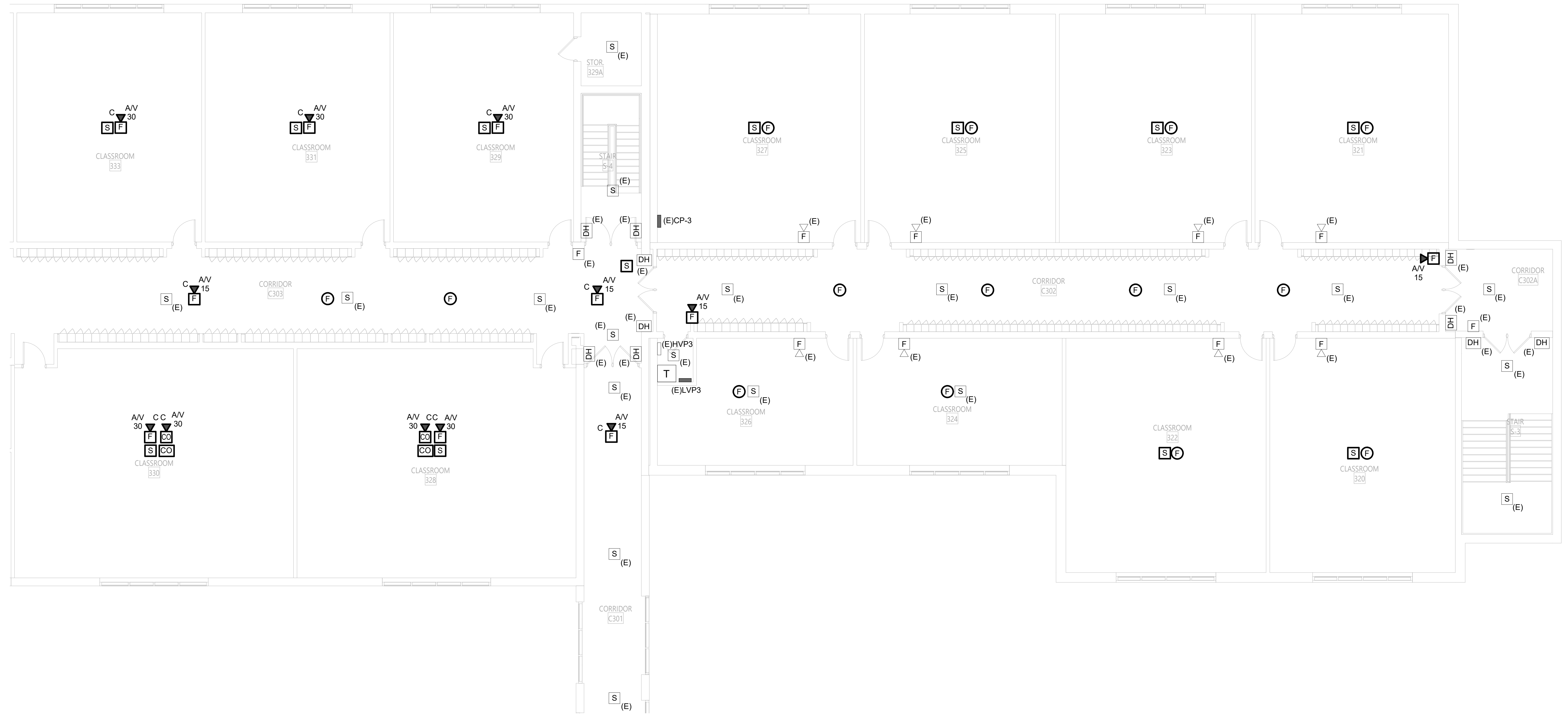
THIRD FLOOR
NEW WORK
PLAN AREA A

Sheet No.

WHS
E-131

CONSTRUCTION DOCUMENTS

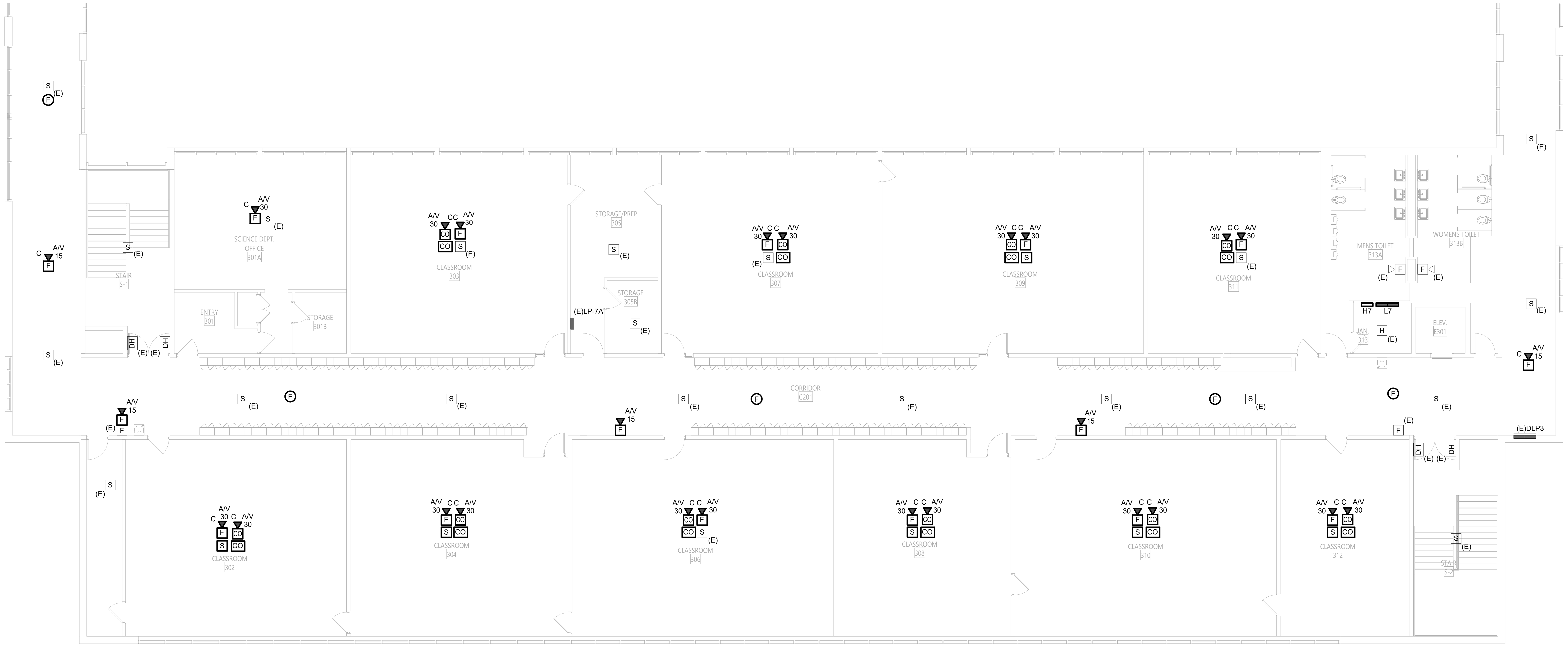
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt



2 THIRD FLOOR NEW WORK PLAN - AREA B & C

E-132 1/8" = 1'-0"

0' 4' 8' 16'



1 THIRD FLOOR NEW WORK PLAN - AREA D & E

E-132 1/8" = 1'-0"

0' 4' 8' 16'

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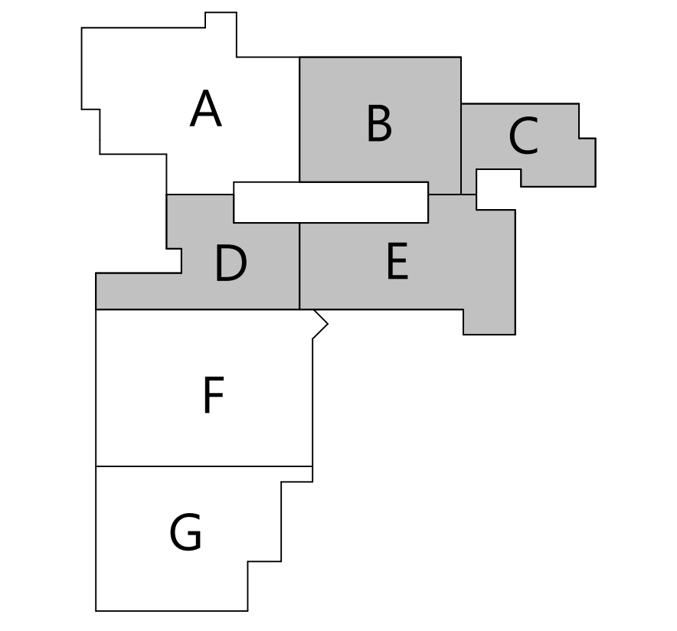
GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

KEY PLAN



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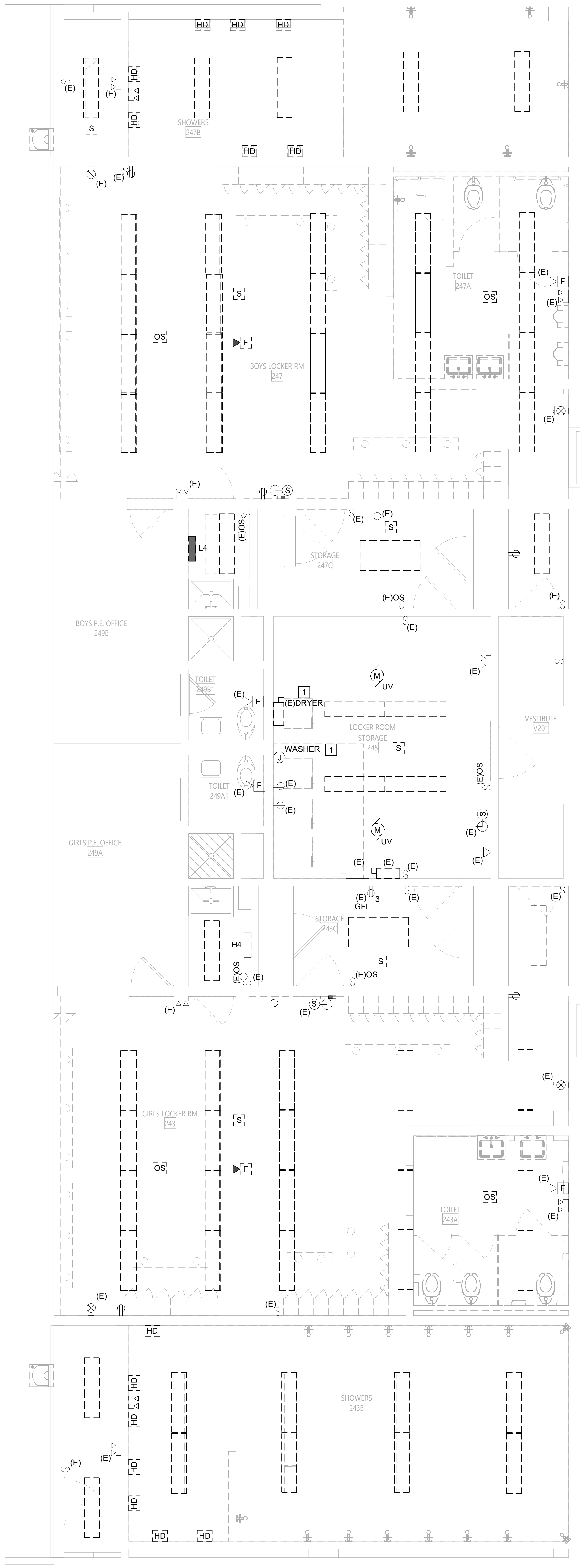
Sheet Title

THIRD FLOOR NEW WORK PLAN AREAS B, C, D, E

Sheet No.

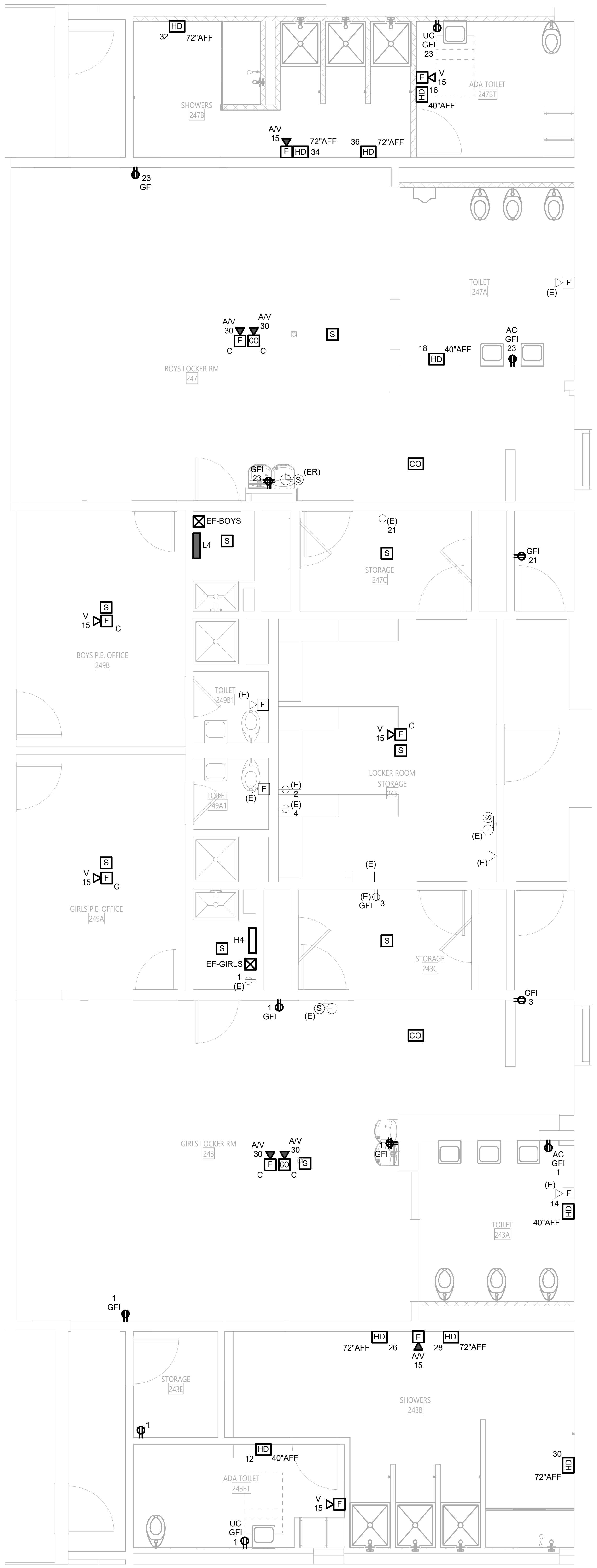
WHS
E-132

CONSTRUCTION DOCUMENTS



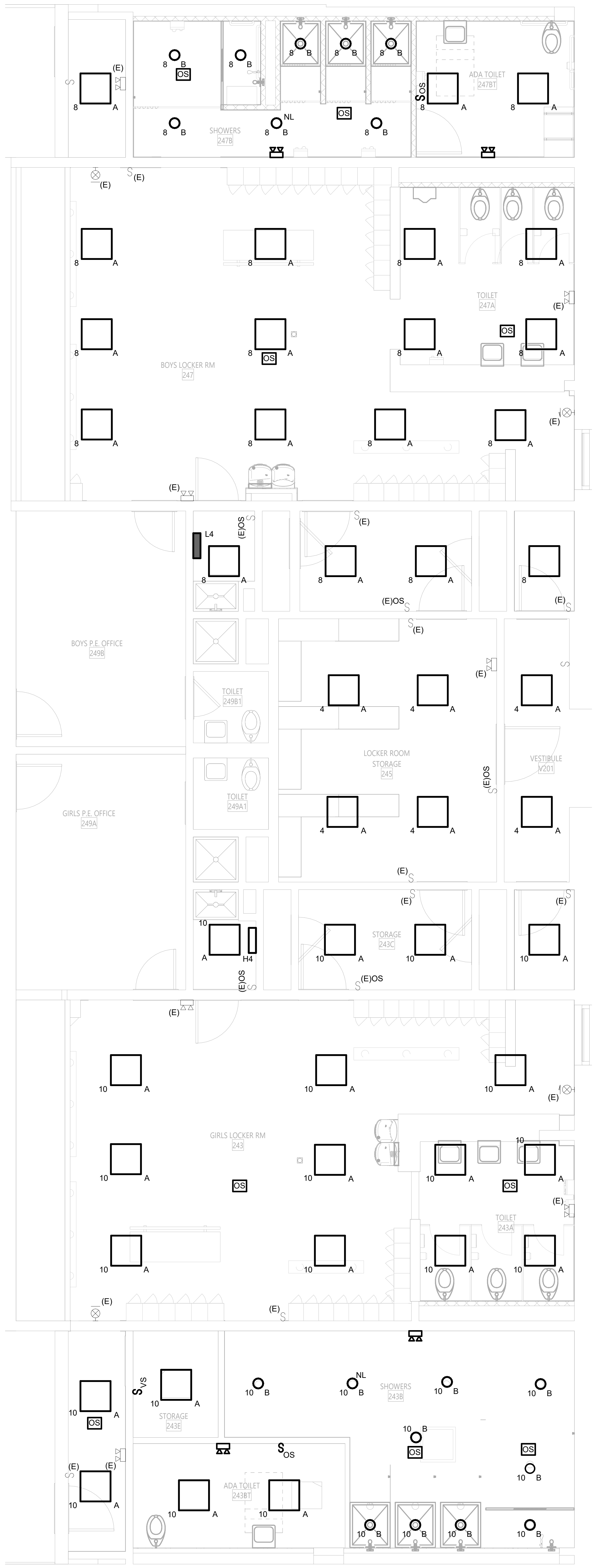
1 LOCKER ROOMS DEMOLITION PLANS

E-411 1/4" = 1'-0"



2 LOCKER ROOMS POWER & SYSTEMS PLANS

E-411 1/4" = 1'-0"



3 LOCKER ROOMS LIGHTING PLANS

E-411 1/4" = 1'-0"

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

C. ALL EXIT SIGNS AND ELUs SHALL BE CONNECTED TO NEARBY LIGHTING CIRCUIT AHEAD OF ANY SWITCHING

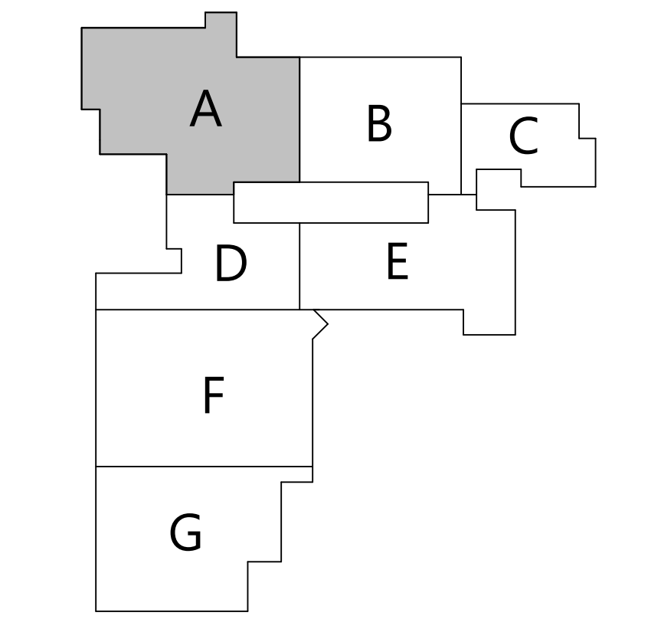
D. ALL LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL "H4" UNLESS OTHERWISE NOTED

E. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

DEMOLITION NOTES

1. DISCONNECT EXISTING DRYER. RETAIN EXISTING CIRCUIT FOR REUSE

KEY PLAN



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Sheet Title

LOCKER
ROOM PLANS

Sheet No.

WHS
E-411

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

EXISTING PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	HOOD	TYPE:	BRANCH
PROJECT NO.:	243033.00			MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208 PHASE: 1	OCP TYPE:	MCB
LOCATION:	KITCHEN	AIC:	WIRE: 3	BUS RATING:	100
		SOURCE:	KP-1	MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
SPARE	1a	30/1													20/1	2a	EXISTING LOAD
SPARE	3b	20/1													20/1	4b	**SPARE**
DISHWASHER BOOSTER	5a	20/1													20/1	6a	EXISTING LOAD
EXISTING LOAD	7b	20/1							1800						**20/1**	8b	COMBI OVENS
CONVECTION OVEN	9a	**20/1**						1440								10a	**SHUNT TRIP**
SHUNT TRIP	11b								900						**20/1**	12b	COMBI OVEN
CONVECTION OVEN	13a	**20/1**						1440								14a	**SHUNT TRIP**
SHUNT TRIP	15b															16b	SPACE

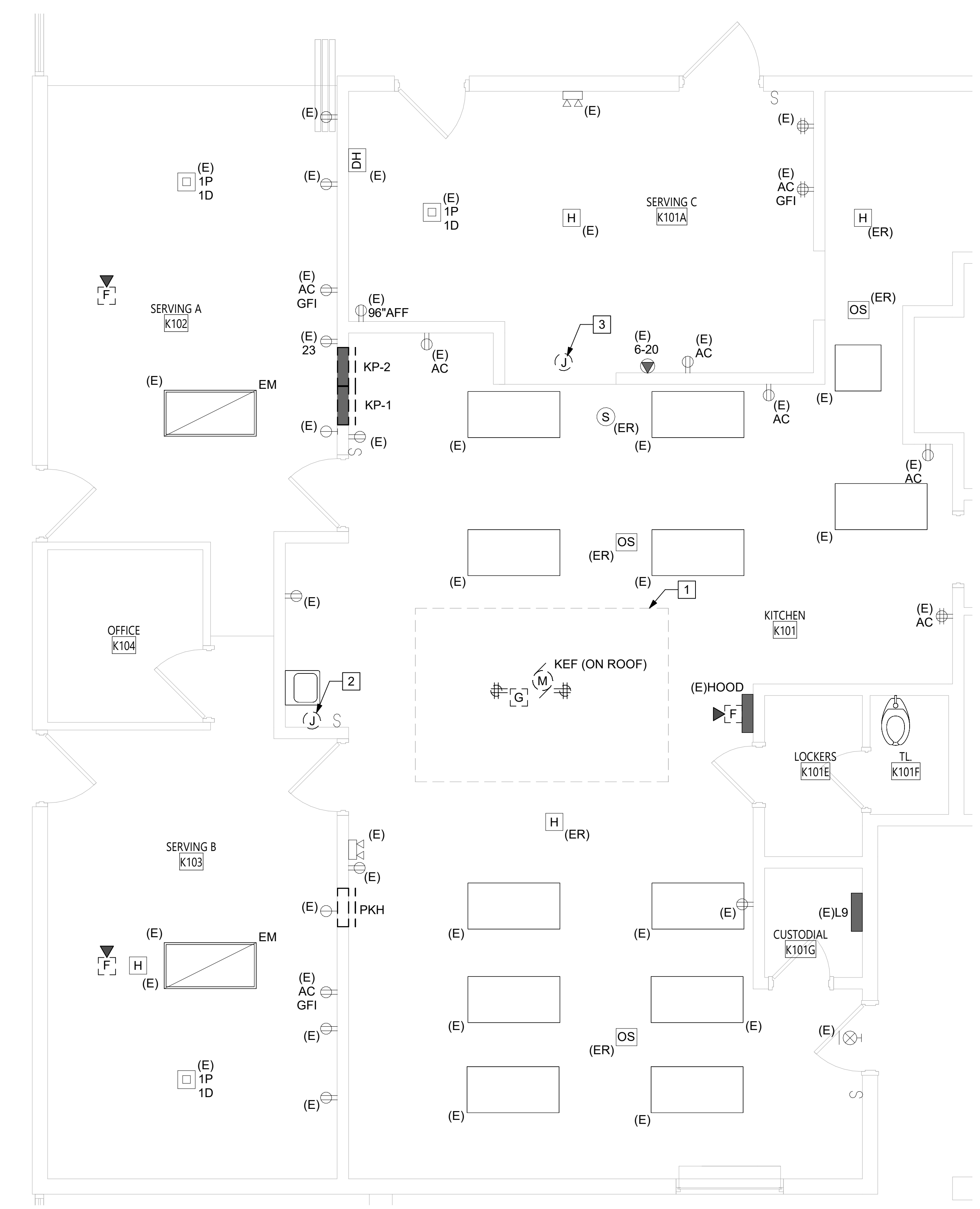
KITCHEN EQUIPMENT ELECTRICAL CONNECTION SCHEDULE

KITCHEN EQUIPMENT DESIGNATION	DESCRIPTION	QTY.	LOAD			VOLTAGE	PHASE	PANEL	CIRCUIT BREAKER		BRANCH CIRCUIT WIRING			CONNECTION TYPE				NEMA 1 DISC. SWITCH		NOTES
			HP	KW	AMPS				SIZE	SHUNT TRIP	PHASE	GND	CONDUIT	NEMA PLUG AND RECEPT	GFCI	RECPT. HEIGHT A.F.F.	HARD WIRED	SWITCH AMPS	FUSE SIZE	
01,02	EXHAUST HOOD	1				120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"			108"	X			
03	FIRE SUPPRESSION SYSTEM	1				120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"			108"	X	20	NF	1
04	CONVECTION OVEN	1			12	120	1	HOOD	20A/1P	X	(2)#12	(1)#12	3/4"	5-20	X	36"				
05	CONVECTION OVEN	1			12	120	1	HOOD	20A/1P	X	(2)#12	(1)#12	3/4"	5-20	X	36"				
07	COMBI OVEN	1			15	120	1	HOOD	20A/1P	X	(2)#12	(1)#12	3/4"				X	20	NF	1
08	COMBI OVEN	1			7.5	120	1	HOOD	20A/1P	X	(2)#12	(1)#12	3/4"				X	20	NF	1
09	REACH IN COOLER	1			6.5	120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"	5-20	X	90"				
10	PASS THRU COOLER	1			6.5	120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"	5-20	X	90"				
11	PASS THRU HEATED CABINET	1			5.9	208	1	(E)	20A/2P		(2)#12	(1)#12	3/4"	6-20	X	(E)				
12	BEVERAGE COOLER	1			5	120	1	(E)	20A/1P		(2)#12	(1)#12	3/4"	5-20	X	18"				

* = ASSUMED LOAD

REFERENCE NOTES:

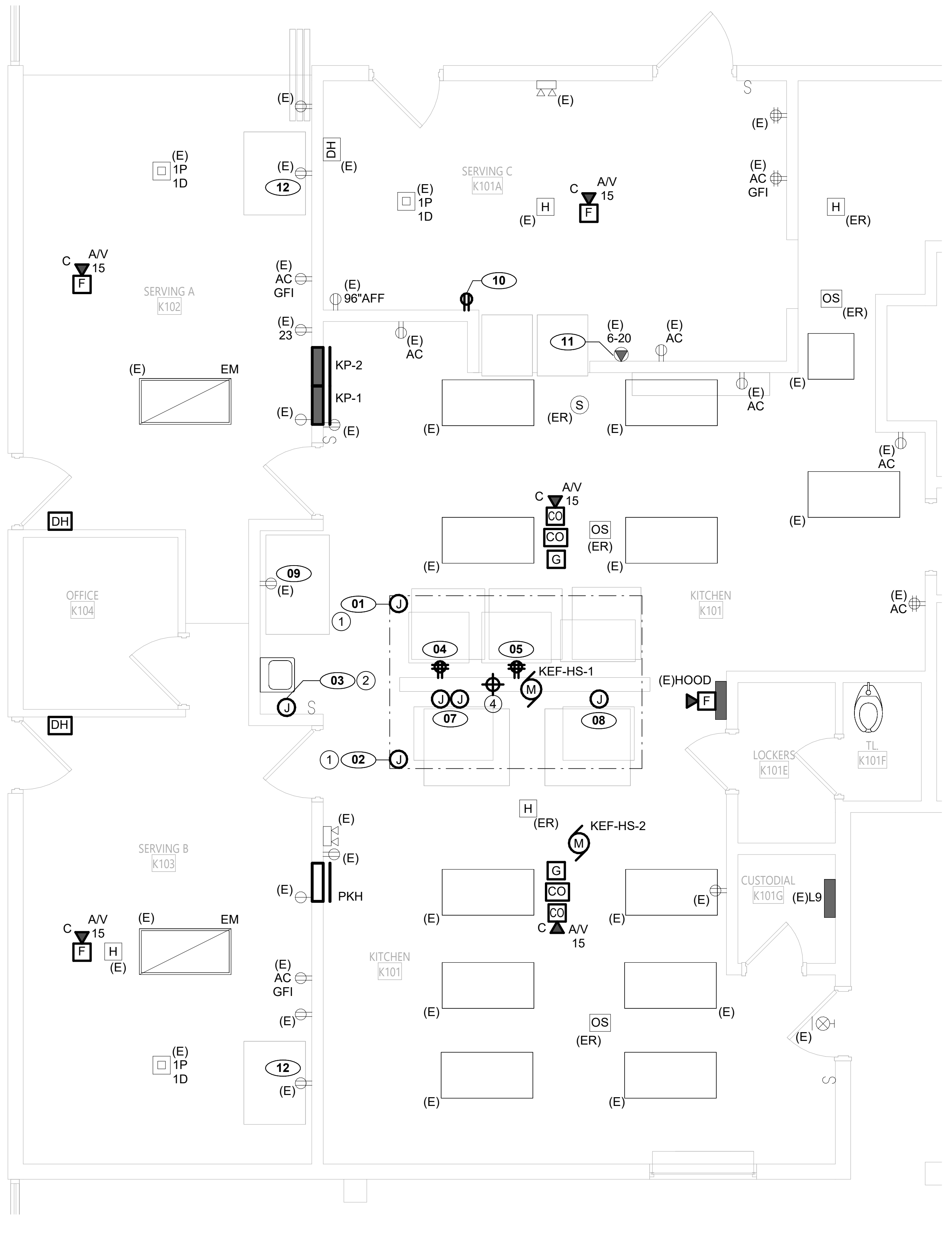
1. UTILIZE MOTOR RATED TOGGLE SWITCH AS DISCONNECTING MEANS



1 KITCHEN - DEMOLITION PLAN

E-412 1/4" = 1'-0"

0' 2' 4' 8'



2 KITCHEN - NEW WORK PLAN

E-412 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. ALL BRACNH CURCUIT WIRING SHALL BE (2)#12, (1)# 12G IN 3/4" CONDUIT UNLESS OTHERWISE NOTED

C. ALL KITCHEN RECEPTACLES SHALL BE GFI PROTECTED PER NEC 210.8(B)

D. DISCONNECT AND RETAIN ALL DEVICES INDICATES AS (ER) TO ALLOW FOR CEILING TILE REPLACEMENT. REINSTALL ONCE NEW CEILING IS IN PLACE.

E. REFER TO DRAWING E-001 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

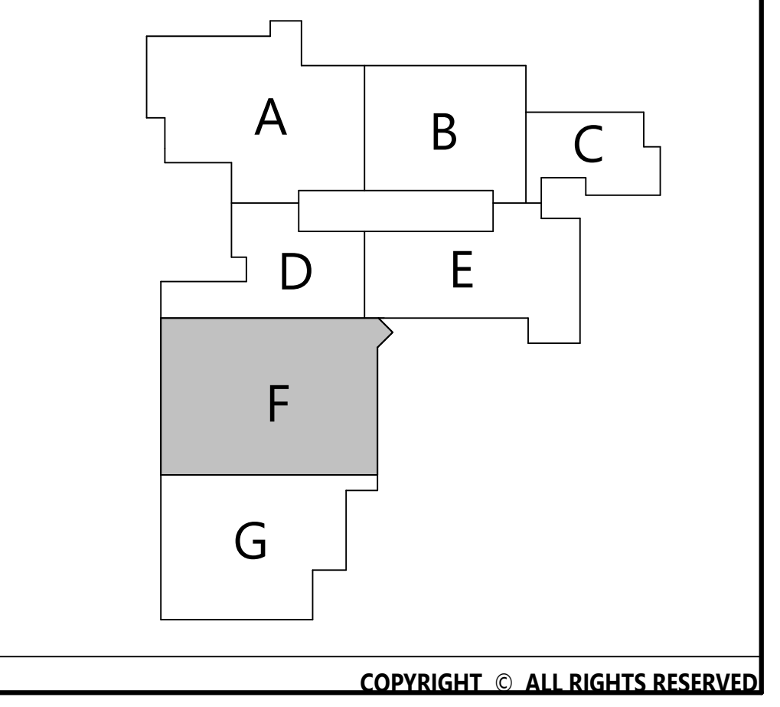
DEMOLITON NOTES

1. DISCONNECT EXISTING HOOD. RETAIN EXISTING CIRCUIT(S) FOR REUSE.
2. DISCONNECT EXISTING FIRE SUPPRESSION SYSTEM. RETAIN EXISTING CIRCUIT FOR REUSE.
3. DISCONNECT EXISTING PASS THRU COOLER. RETAIN EXISTING CIRCUIT FOR REUSE.

DRAWING NOTES

1. CONNECT NEW HOOD TO PREVIOUSLY RETAINED CIRCUIT(S). EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS
2. CONNECT NEW FIRE SUPRRESSION SYSTEM TO PREVIOUSLY RETAINED CIRCUIT. EXTEND EXISTING CIRCUIT AS REQUIRED. MATCH EXISTING CIRCUIT CHARACTERISTICS. REFER TO DRAWING FS206 FOR ADDITONAL INFORMATION. EC TO FURNISH BACKBOX AND CONDUIT FOR EMERGENCY PULL STATION. COORDINATE EXACT LOCATION IN THE FIELD.
3. CONNECT NEW RECEPTACLE TO PREVIOUSLY RETAINED CIRCUIT. MATCHE EXISTING CIRCUIT CHARACTERISTICS
4. CONNECT EMERGENCY GAS SHUT OFF SOLENOID TO FIRE SUPRESSION PANEL. COORDINATE EXACT LOCATION IN THE FIELD.

KEY PLAN



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Sheet Title

KITCHEN
PLANS

Sheet No.

WHS
E-412

CONSTRUCTION DOCUMENTS

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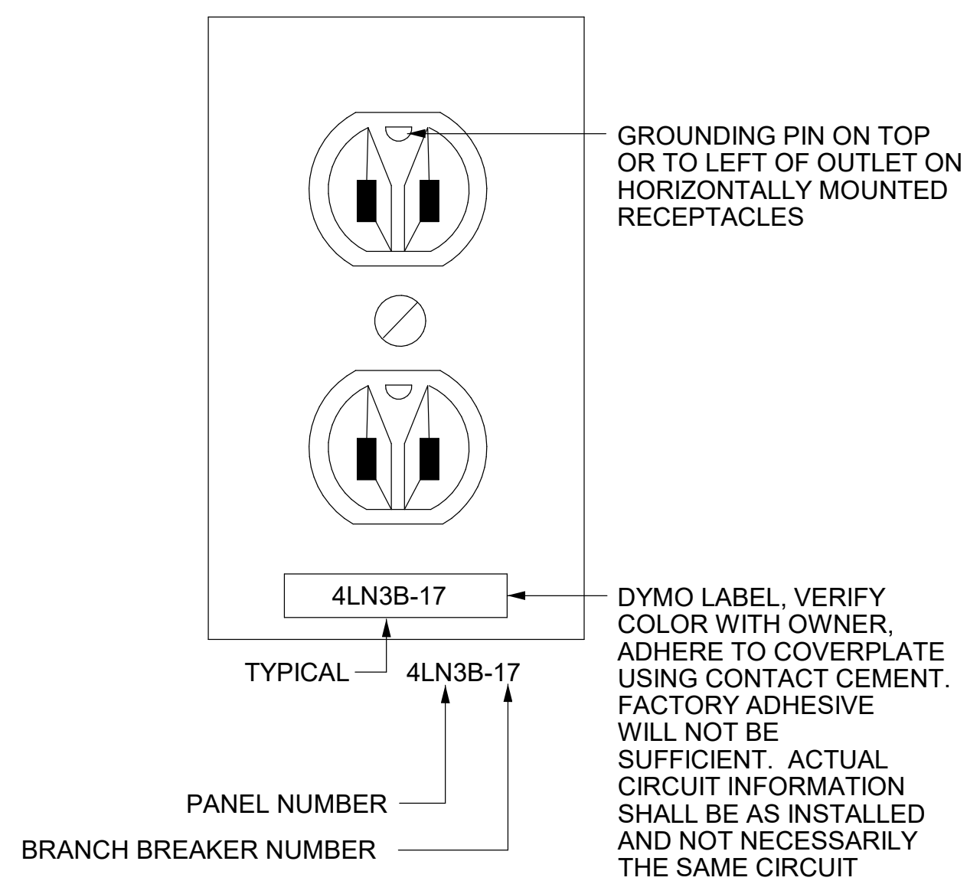

GROUNDING PIN ON TOP OR TO LEFT OF OUTLET ON HORIZONTALLY MOUNTED RECEPTACLES
4LN3B-17
DYMO LABEL, VERIFY COLOR WITH OWNER, ADHERE TO COVERPLATE USING CONTACT CEMENT. FACTORY ADHESIVE WILL NOT BE SUFFICIENT. ACTUAL CIRCUIT INFORMATION SHALL BE AS INSTALLED AND NOT NECESSARILY THE SAME CIRCUIT NUMBER AS SHOWH ON THE PLANS.
TYPICAL
4LN3B-17
PANEL NUMBER
BRANCH BREAKER NUMBER

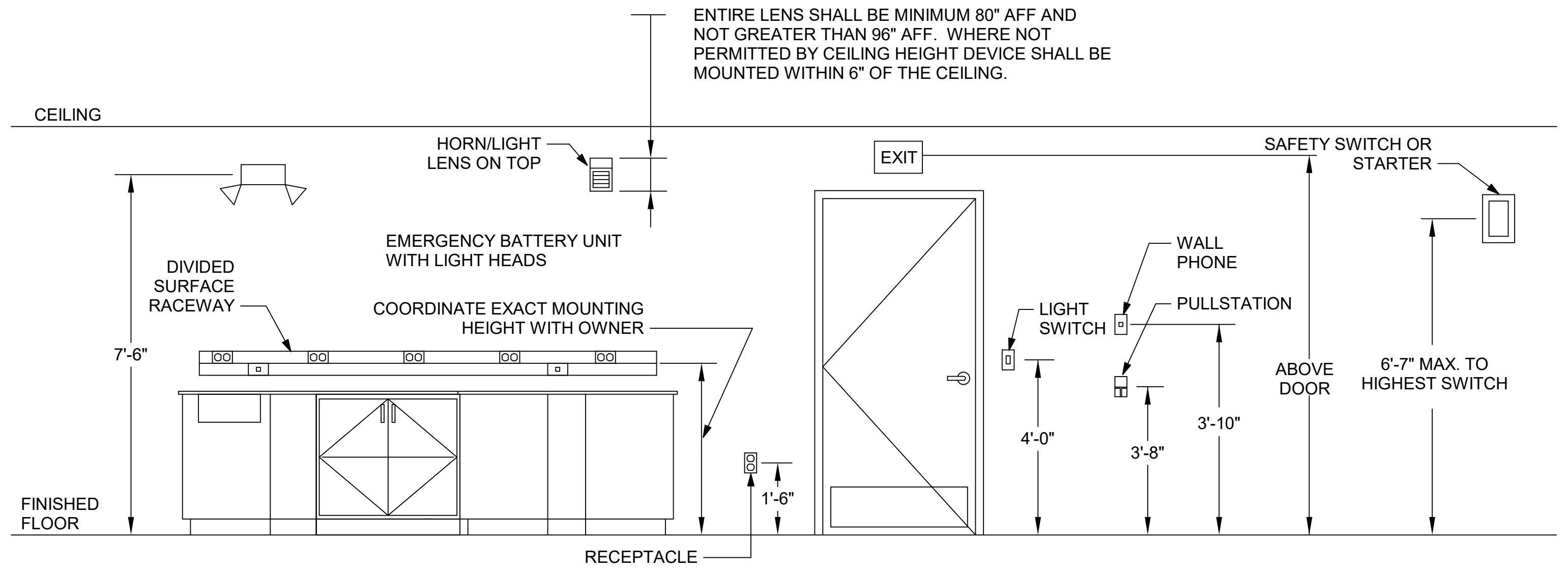
DETAIL GENERAL NOTES:

A. PROVIDE GREEN GROUND WIRE IN ALL RECEPTACLE CIRCUITS. CONNECT TO GROUND BUS IN PANEL.

B. DO NOT INSTALL RECEPTACLES, COMPUTER OR TELEPHONE OUTLETS BACK TO BACK. INSTALL IN ADJACENT STUD CAVITIES, TO REDUCE SOUND TRANSMISSION.

1 TYPICAL RECEPTACLE IDENTIFICATION

E-500 NONE


ENTIRE LENS SHALL BE MINIMUM 80" AFF AND NOT GREATER THAN 96" AFF. WHERE NOT PERMITTED BY CEILING HEIGHT DEVICE SHALL BE MOUNTED WITHIN 6" OF THE CEILING.
CEILING
HORN/LIGHT LENS ON TOP
EXIT
SAFETY SWITCH OR STARTER
EMERGENCY BATTERY UNIT WITH LIGHT HEADS
DIVIDED SURFACE RACEWAY
COORDINATE EXACT MOUNTING HEIGHT WITH OWNER
WALL PHONE
PULLSTATION
LIGHT SWITCH
7'-6"
ABOVE DOOR
6'-7" MAX. TO HIGHEST SWITCH
3'-10"
4'-0"
3'-8"
1'-6"
FINISHED FLOOR
RECEPTACLE

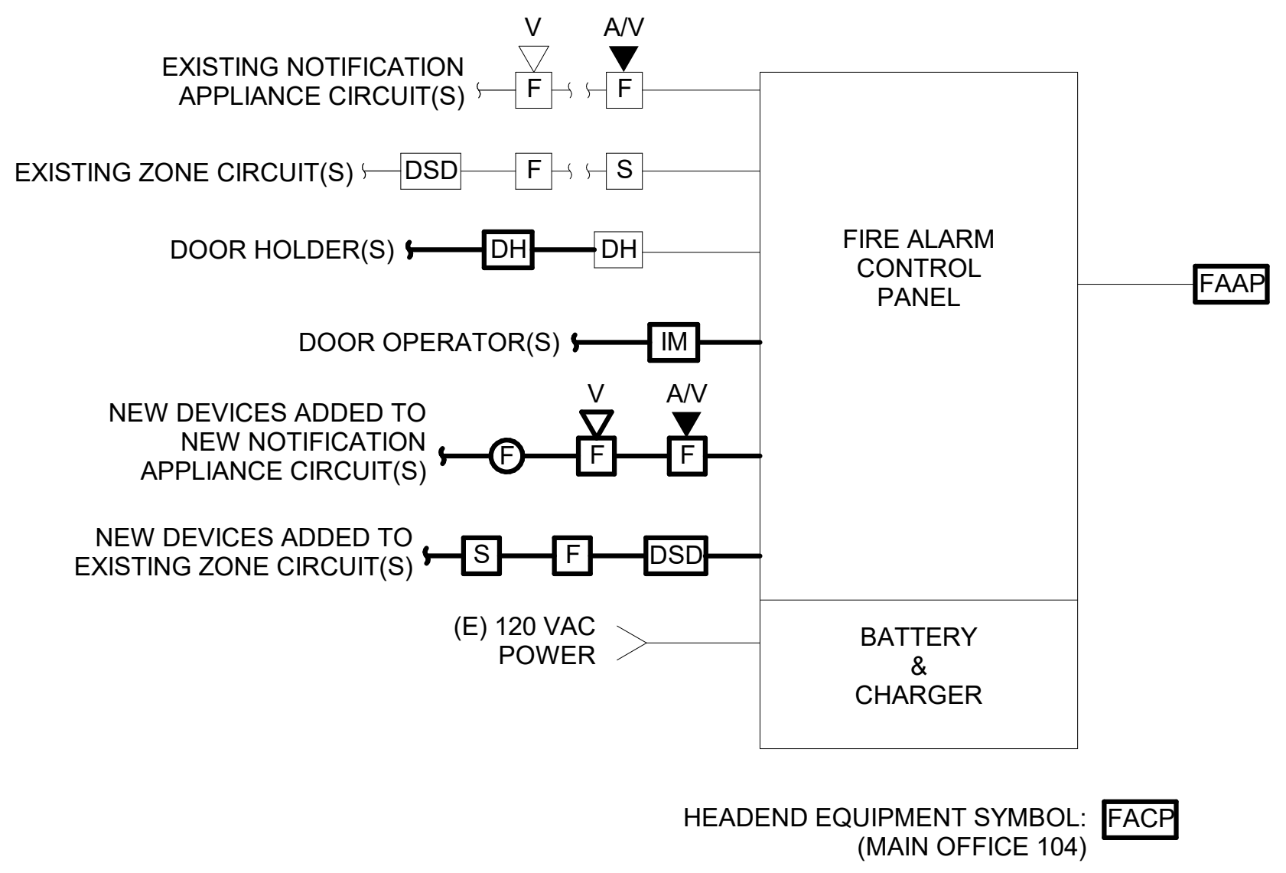
DETAIL NOTES:

1. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.

2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS, OR DIRECTED BY THE OWNER OR ARCHITECT.

2 TYPICAL MOUNTING HEIGHTS

E-500 NONE

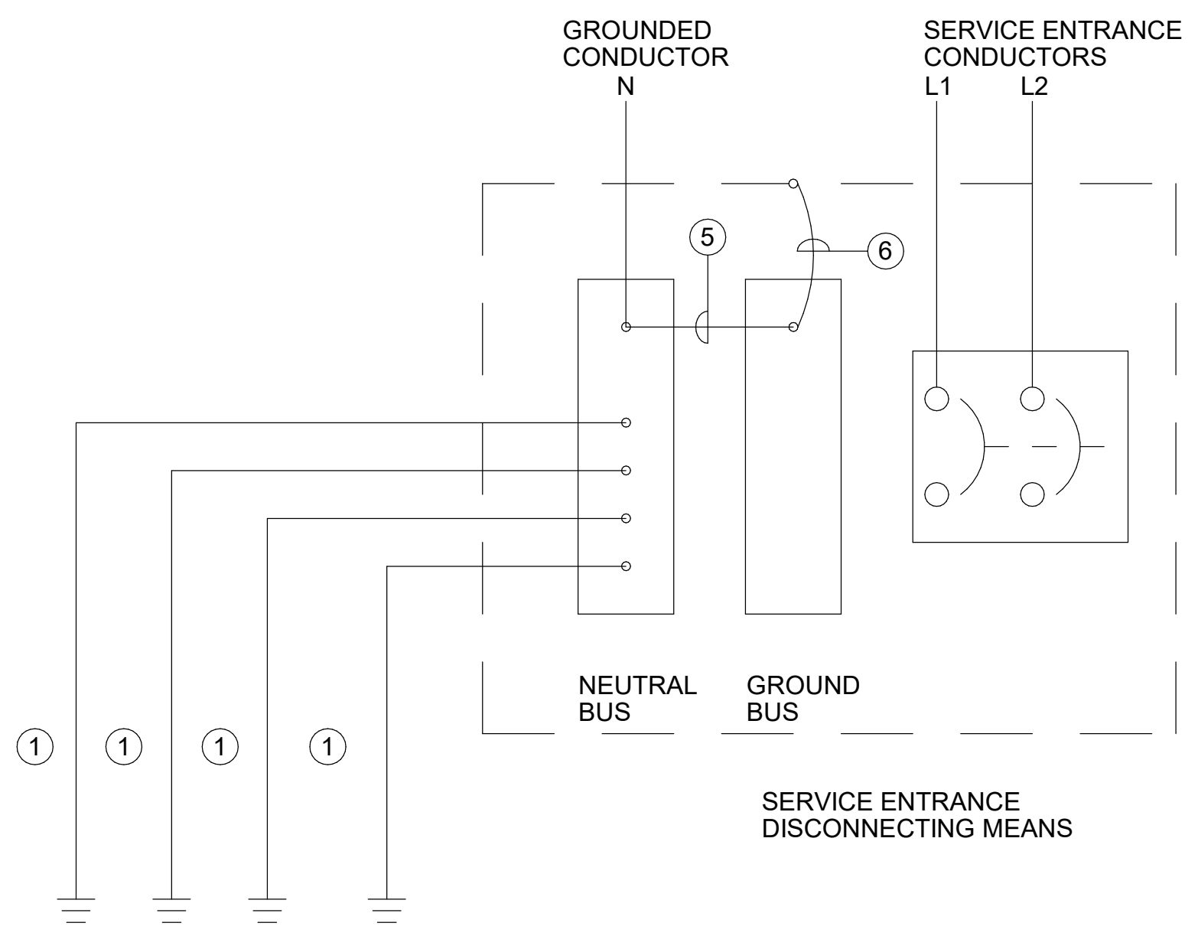

V
A/V
EXISTING NOTIFICATION APPLIANCE CIRCUIT(S)
F
F
EXISTING ZONE CIRCUIT(S)
DSD
F
S
DOOR HOLDER(S)
DH
DH
DOOR OPERATOR(S)
IM
NEW DEVICES ADDED TO NEW NOTIFICATION APPLIANCE CIRCUIT(S)
F
V
A/V
F
F
NEW DEVICES ADDED TO EXISTING ZONE CIRCUIT(S)
S
F
DSD
(E) 120 VAC POWER
FIRE ALARM CONTROL PANEL
BATTERY & CHARGER
FAAP
HEADEND EQUIPMENT SYMBOL: FACP
(MAIN OFFICE 104)

DETAIL NOTES:

A. PROVIDE ZONED FIRE ALARM DEVICES WITHIN EXISTING FIRE ALARM ZONES.

3 FIRE ALARM BLOCK DIAGRAM

E-500 NONE


GROUNDED CONDUCTOR
N
SERVICE ENTRANCE CONDUCTORS
L1
L2
⑤
⑥
NEUTRAL BUS
GROUND BUS
SERVICE ENTRANCE DISCONNECTING MEANS
①
①
①
①
②
③
④

DETAIL SPECIFIC NOTES:

① GROUNDING ELECTRODE CONDUCTOR. PROVIDE INSULATED COPPER CONDUCTOR PER SPECIFICATIONS. IF NO SIZE IS SPECIFIED, PROVIDE INSULATED COPPER CONDUCTOR SIZED PER N.E.C., TABLE 250-66. INSTALL IN RIGID, SCHEDULE 40, PVC RACEWAY.

② METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH EARTH FOR 10 FEET OR MORE. SHALL BE SUPPLEMENTED BY ITEMS 3 & 4.

③ BUILDING STRUCTURAL STEEL.

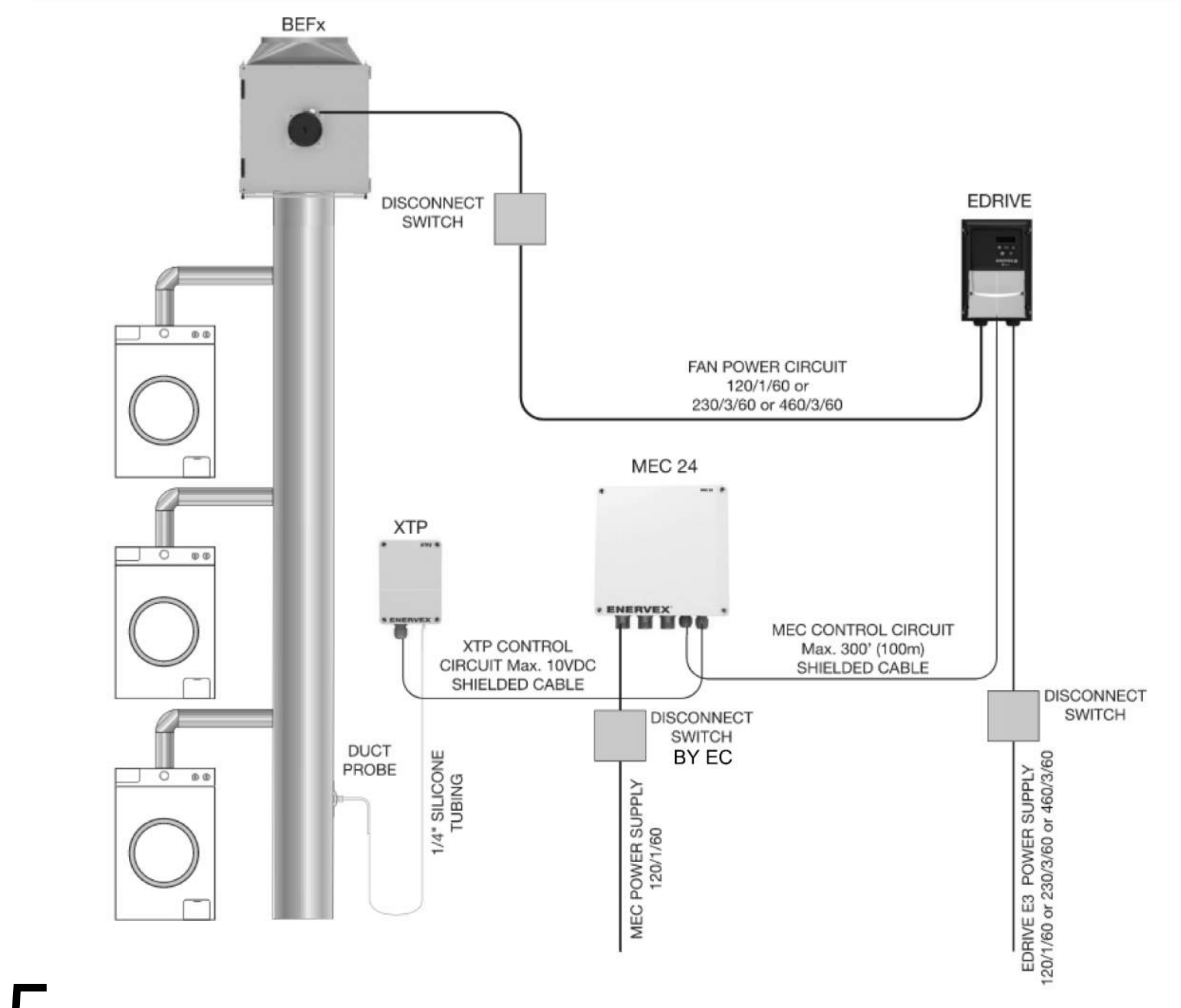
④ MADE GROUNDING ELECTRODE. REFER TO MADE GROUNDING ELECTRODE-GROUND GRID" DETAIL & SPECIFICATIONS.

⑤ MAIN BONDING JUMPER. PROVIDE INSULATED COPPER CONDUCTOR PER N.E.C. ARTICLE 250-28.

⑥ BOND GROUND BUS TO EQUIPMENT ENCLOSURE WITH BARE COPPER BONDING JUMPER PER N.E.C ARTICLE 250-28.

4 SERVICE ENTRANCE GROUNDING

E-500 NONE


BEFx
DISCONNECT SWITCH
EDRIVE
FAN POWER CIRCUIT 120/1/60 or 230/3/60 or 460/3/60
MEC 24
XTP
ENERVEX
XTP CONTROL CIRCUIT Max. 10VDC SHIELDED CABLE
MEC CONTROL CIRCUIT Max. 300' (100m) SHIELDED CABLE
DISCONNECT SWITCH
DISCONNECT SWITCH
BY EC
DUCT PROBE
1/4" SILICONE TUBING
MEC POWER SUPPLY 120/1/60
EDRIVE E3 POWER SUPPLY 120/1/60 or 230/3/60 or 460/3/60

5 DF-1 WIRING SCHEMATIC

E-500 NTS

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DETAILS

Sheet No.

WHS
E-500

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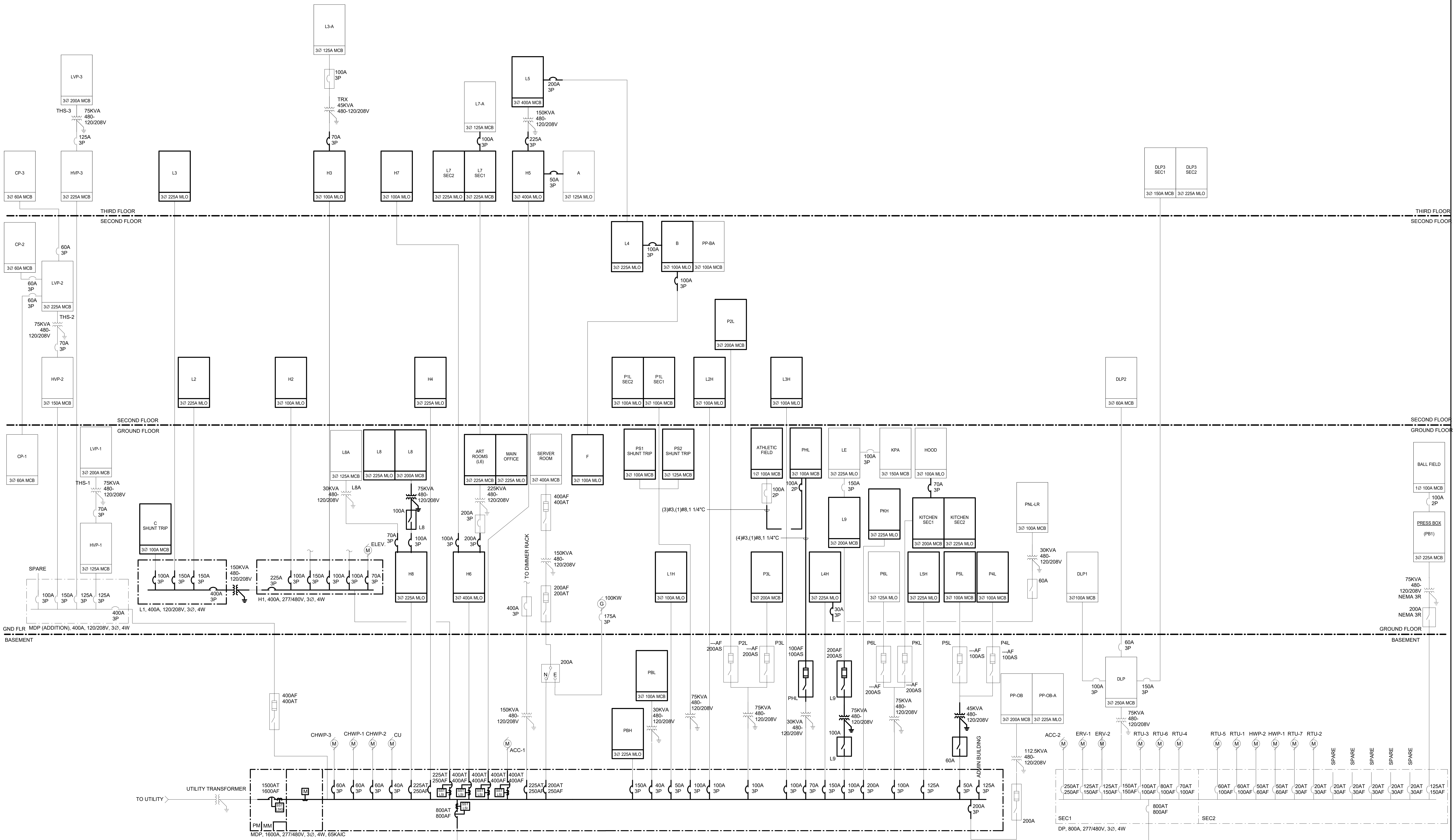

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MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

ONE LINE
DIAGRAM -
NEW WORK

Sheet No.

WHS
E-600

CONSTRUCTION DOCUMENTS

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	ATHLETIC FIELD			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	1	OCP TYPE:	MCB
LOCATION:	ATHLETIC SHED	AIC:	10	WIRE:	3	BUS RATING:	100
		SOURCE:	L4H			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													15/1	2a	EXISTING LOAD
EXISTING LOAD	3b	20/1													15/1	4b	EXISTING LOAD
HOT BOX	5a	20/1					180									6a	SPACE
SPACE	7b															8b	SPACE
SPACE	9a															10a	SPACE
SPACE	11b															12b	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PBH			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	BOILER ROOM	AIC:	65	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXHAUST	1a	15/3													15/3	2a	2007 PUMPS
	3b															4b	
	5c															6c	
SHOP COMPRESSOR	7a	20/3										10823			50/3	8a	SOUTH ELEVATOR
	9b											10823				10b	
	11c											10823				12c	
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L4H			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	159I - WEIGHT ROOM	AIC:	14	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
EXISTING LOAD	3b	20/1													20/1	4b	EXISTING LOAD
EXISTING LOAD	5c	20/1													20/1	6c	EXISTING LOAD
EXISTING LOAD	7a	20/1													20/1	8a	EXISTING LOAD
EXISTING LOAD	9b	20/1													20/1	10b	EXISTING LOAD
EXISTING LOAD	11c	20/1													20/1	12c	EXISTING LOAD
EXISTING LOAD	13a	20/1													50/3	14a	AC ROOM 110
EXISTING LOAD	15b	30/3														16b	
	17c															18c	
	19a								0	180	0	0	0	0	100/2	20a	ATHLETIC SHED PANEL
WIT #12 LOCKERS	21b	20/3							0	0	0	0	0	0		22b	
	23c															24c	SPACE
	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PANEL C			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	STORAGE 129A	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	L1			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
COPIER	1a	30/2													30/2	2a	COPIER
	3b															4b	
COMPUTER	5c	20/1														6c	SPACE
COMPUTER	7a	20/1													15/1	8a	EXISTING LOAD
EXISTING LOAD	9b	15/1													20/1	10b	EXISTING LOAD
NETWORK CLOSET 229	11c	20/1													20/1	12c	EXISTING LOAD
EXISTING LOAD	13a	30/2													20/1	14a	EXISTING LOAD
	15b														20/1	16b	EXISTING LOAD
EXISTING LOAD	17c	30/2													15/1	18c	EXISTING LOAD
	19a														20/1	20a	REC RM 112
RTU	21b	40/2													20/1	22b	REC RM 112
	23c														20/1	24c	REC RM 112
CONDENSING UNIT	25a	20/1													20/1	26a	REC RM 112
CONDENSING UNIT	27b	20/1													20/1	28b	REC RM 112
SPACE	29c														30/2	30c	COPIER
SPACE	31a															32a	
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PBL			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	BOILER ROOM	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
BASEMENT LIGHTS	1a	20/1													20/1	2a	RECEIVING ICE MACHINE
BASEMENT LIGHTS	3b	20/1													20/1	4b	RECEIVING ICE MACHINE
TUNNEL LIGHTS	5c	20/1													20/1	6c	LIGHTS RM 117
CO DETECTOR	7a	20/1													20/1	8a	RECEIVING OUTSIDE LTG
JOHNSON PNUEMATIC	9b	20/1													20/1	10b	RECEIVING LIGHTS
RECEIVING LIGHTS	11c	20/1													20/1	12c	LIGHTS RM 117
RECEIVING HEATER	13a	20/1													20/1	14a	113,115 LIGHTS
BOILER LIGHTS	15b	20/1													20/1	16b	BOILER RM REC
SUMP OUTSIDE ELEVATOR	17c	20/1													20/2	18c	SOUTH OUTSIDE LIGHTS
ELEVATOR SUMP	19a	20/1														20a	
ELEV. MEC RM REC	21b	20/1													20/2	22b	SOUTH OUTSIDE LIGHTS
TUNNEL SUMP PUMP	23c	20/1														24c	
SOUTH OUTSIDE LIGHTS	25a	20/1													20/1	26a	EXISTING LOAD
BASEMENT REC	27b	20/1													15/1	28b	GEN BATTERY CHARGER
SOUTH OUTSIDE LIGHTS	29c	20/1														30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H6			TYPE:	DISTRIBUTION
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 113	AIC:	65	WIRE:	4	BUS RATING:	400
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
OFFICE LIGHTS	1a	20/1													20/1	2a	LIGHTS ROOMS 15,16,17
OFFICE LIGHTS	3b	20/1													20/1	4b	LIGHTS ART 12,13,14
ADMIN LIGHTS	5c	20/1													20/1	6c	LIGHTS HEALTH & ART 11
GUIDANCE LIGHTS	7a	20/1													20/1	8a	EXISTING LOAD
SPACE	9b														20/1	10b	EXISTING LOAD
SPACE	11c														20/1	12c	EXHAUST FANS
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
PANEL H7	37a	100/3													200/3	38a	PANEL L6
	39b															40b	
	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H8			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	STAGE	AIC:	14	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
LIGHTS ROOM 93	3b	20/1													20/1	4b	LIGHTS ROOMS 91 & 92
LIGHTS ROOM 93	5c	20/1													20/1	6c	EXISTING LOAD
LIGHTS ROOMS 94 & 95	7a	20/1													20/1	8a	LIGHTS SPECIAL ED
LIGHTS 96,97,HALL	9b	20/1													20/1	10b	LIGHTS SPECIAL ED
EXISTING LOAD	11c	20/1													20/1	12c	LIGHTS GYM OFFICES
EXISTING LOAD	13a	20/1													20/1	14a	EXISTING LOAD
RTU-BAND-1	15b	20/3					4429			10242					40/3	16b	RTU-BAND-2
	17c						4429			10242						18c	
	19a						4429			10242						20a	
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
PANEL L8A	37a	70/3													100/3	38a	PANEL L8
	39b															40b	
	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	MAINTENANCE 133	AIC:	10	WIRE:	4	BUS RATING:	400
		SOURCE:	H1			MCB RATING:	400

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
REC 109 & 110	1a	20/1													20/1	2a	BATHROOM & JAN. REC
REC 110	3b	20/1													20/1	4b	UNIT HEATER STORAGE
REC 123 & 124	5c	20/1													20/1	6c	REC 123 & 124
REC 124 & 125	7a	20/1													20/1	8a	REC 124 & 125
REC 122	9b	20/1													20/1	10b	REC 122
REC 120 & 121	11c	20/1													20/1	12c	REC 121 & 122
REC 119 & 120	13a	20/1													20/1	14a	REC 142
STORAGE UNIT HEATER	15b	20/1													20/1	16b	UNIT HEATER HALL/STAIRS
WELDER	17c	50/2													20/1	18c	UNIT HEATER 123 & 124
	19a														20/1	20a	UNIT HEATER 125 & HALL
SPECIAL REC HALL	21b	20/2													20/1	22b	UNIT HEATER HALL
	23c														20/2	24c	SPECIAL REC HALL
SPECIAL REC HALL	25a	20/2														26a	
	27b														20/2	28b	SPECIAL REC HALL
UNIT HEATER 121 & 122	29c	20/1														30c	
UNIT HEATER 119 & 120	31a	20/1													100/3	32a	PANEL L3
ELEVATOR LIGHTS	33b	20/1														34b	
PANEL C	35c	100/3														36c	
	37a														150/3	38a	PANEL L2
	39b															40b	
SPACE	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	MAINTENANCE 133	AIC:	65	WIRE:	4	BUS RATING:	400
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
LIGHTS 123 & BATHROOM	1a	20/1													20/1	2a	HALLWAY LIGHTS
LIGHTS 124 & 125	3b	20/1													20/1	4b	HALLWAY LIGHTS
LIGHTS 121 & 122	5c	20/1													20/1	6c	HALLWAY LIGHTS
LIBRARY LIGHTS	7a	20/1													20/1	8a	COURTYARD LIGHTS
LIGHTS 119 & 120	9b	20/1													20/1	10b	PARKING LOT LIGHTS
EXISTING LOAD	11c	20/1													20/1	12c	COURTYARD LIGHTS
EXISTING LOAD	13a	20/1													20/1	14a	LIGHTS 122 & STAIRS
NORTH ELEVATOR	15b	70/3													20/1	16b	LIGHTS 110 & STAIRS
	17c														20/1	18c	LIGHTS 111
	19a														100/3	20a	PANEL H2
EXISTING LOAD	21b	100/3														22b	
	23c															24c	
	25a														100/3	26a	PANEL H3
EXISTING LOAD	27b	150/3														28b	
	29c															30c	
	31a															32a	SPACE
PANEL L1	33b	225/3														34b	SPACE
	35c															36c	SPACE
	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

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CSARCH

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

PANEL SCHEDULES

Sheet No.

WHS E-700

CONSTRUCTION DOCUMENTS

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L8 SECTION 1				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MCB
LOCATION:	STAGE	AIC:	10		WIRE:	4	BUS RATING:	225
		SOURCE:	H8				MCB RATING:	200

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EM LIGHTS	1a	20/1													20/1	2a	AISLE LIGHTS
REC (CENTER)	3b	20/1													20/1	4b	AISLE LIGHTS
REC (REAR)	5c	20/1													20/1	6c	CATWALK LIGHTS
REC (STAGE)	7a	20/1													20/1	8a	FLOOD LIGHTS
REC (STAGE)	9b	20/1													20/1	10b	WHITE BORDER LIGHTS
REC (FRONT STAGE)	11c	20/1													20/1	12c	RED BORDER LIGHTS
EXISTING LOAD	13a	20/1													20/1	14a	BLUE BORDER LIGHTS
STAGE LIGHTS	15b	20/1													20/1	16b	WHITE BORDER LIGHTS
EXISTING LOAD	17c	20/1													20/1	18c	RED BORDER LIGHTS
SCREEN	19a	20/1													20/1	20a	EXISTING LOAD
HOIST	21b	60/3													20/1	22b	EXISTING LOAD
	23c														20/1	24c	EXISTING LOAD
	25a														20/3	26a	EXISTING LOAD
EXISTING LOAD	27b	100/2														28b	
	29c															30c	
EXISTING LOAD	31a	30/3													30/3	32a	EXISTING LOAD
	33b															34b	
	35c															36c	
EXISTING LOAD	37a	30/3														38a	SPACE
	39b															40b	SPACE
	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L8 SECTION 2				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MLO
LOCATION:	STAGE	AIC:	10		WIRE:	4	BUS RATING:	225
		SOURCE:	L8 SECTION 1				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	43a	20/2													20/1	44a	PIT LIGHTS
	45b														20/1	46b	PIT LIGHTS
OUTSIDE LIGHTS	47c	20/1													20/1	48c	REC 91
173 REC	49a	20/1													20/1	50a	REC 92
REC 93	51b	20/1													20/1	52b	COMP REC 91 & 92
REC 93	53c	20/1													20/1	54c	UNIT HEATER 97
REC 93	55a	20/1													20/1	56a	REC 97
EXISTING LOAD	57b	20/1													20/1	58b	REC 94,96,97
EXISTING LOAD	59c	20/1													20/1	60c	REC SOUND BOOTH
UNIT HEATER 91,92,HALL	61a	20/1													20/1	62a	REC SOUND BOOTH
PLUGMOLD 97	63b	20/1													20/1	64b	REC SOUND BOOTH
PLUGMOLD 97	65c	20/1													20/1	66c	EXISTING LOAD
COMP REC 93,95,97	67a	20/1													20/1	68a	EXISTING LOAD
HALL SPECIAL REC	69b	20/2												360		20/1	70b	ROOFTOP REC
	71c															72c	SPACE
SPACE	73a															74a	SPACE
SPACE	75b															76b	SPACE
SPACE	77c															78c	SPACE
SPACE	79a															80a	SPACE
SPACE	81b															82b	SPACE
SPACE	83c															84c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	MAIN OFFICE (L6 SECTION 1)				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MCB
LOCATION:	JANITOR 113	AIC:	10		WIRE:	4	BUS RATING:	225
		SOURCE:	H6				MCB RATING:	225

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
ROOM 109	1a	20/1													20/1	2a	EXISTING LOAD
ROOM 109	3b	20/1													20/1	4b	EXISTING LOAD
EXISTING LOAD	5c	20/1													20/1	6c	EXISTING LOAD
EXISTING LOAD	7a	20/1													20/1	8a	EXISTING LOAD
EXISTING LOAD	9b	20/1													20/1	10b	EXISTING LOAD
EXISTING LOAD	11c	20/1													20/1	12c	EXISTING LOAD
EXISTING LOAD	13a	20/1													20/1	14a	EXISTING LOAD
DARK ROOM SPARE	15b	20/1													20/1	16b	EXISTING LOAD
DARK ROOM SPARE	17c	20/1													20/1	18c	EXISTING LOAD
DARK ROOM SPARE	19a	20/1													20/1	20a	EXISTING LOAD
EXISTING LOAD	21b	20/1													20/1	22b	EXISTING LOAD
EXISTING LOAD	23c	20/1													20/1	24c	EXISTING LOAD
EXISTING LOAD	25a	20/1													20/1	26a	EXISTING LOAD
EXISTING LOAD	27b	20/1													20/1	28b	REC 112
EXISTING LOAD	29c	20/1													20/1	30c	REC 112
EXISTING LOAD	31a	20/1													20/1	32a	EXISTING LOAD
EXISTING LOAD	33b	20/1													20/2	34b	EXISTING LOAD
EXISTING LOAD	35c	20/1														36c	
REC 112	37a	20/1													50/3	38a	EXISTING LOAD
EXISTING LOAD	39b	40/2														40b	
	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	MAIN OFFICE (L6 SECTION 2)				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 113	AIC:	10		WIRE:	4	BUS RATING:	225
		SOURCE:	ART ROOMS				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
REC 41,28,29	1a	20/1													20/1	2a	REC 32 & 35
REC 38,40,41,42	3b	20/1													20/1	4b	COMP REC 26,32,33
REC 31 & 38	5c	20/1													20/1	6c	BATHROOM REC & 31
COMP. REC 34,35,40,41,42	7a	20/1													20/1	8a	FRIDGE 29
MAIN OFFICE REC	9b	20/1													20/1	10b	MICROWAVE 29
COMPUTER REC 19	11c	20/1													20/1	12c	REC 32 & 33
REC 18 & 19	13a	20/1													20/1	14a	BATH LIGHTS & EF
COMP. REC 18,20,21,22	15b	20/1													20/1	16b	FRIDGE 45
REC 20,21,22,23	17c	20/1													20/1	18c	MICROWAVE 45
COMPUTER REC 19,23,24	19a	20/1													20/1	20a	NEWSPAPER CLUB
REC 20,21,22,23,24	21b	20/1													20/1	22b	A/C OUTLETS 115
REC HALL,21,22,23,24	23c	20/1													20/1	24c	FLOOR REC 275
HALL LIGHTS	25a	20/1													20/1	26a	FIRE ALARM
EXISTING LOAD	27b	20/1													20/1	28b	FIRE ALARM
EXISTING LOAD	29c	20/1													20/1	30c	PA SYSTEM
FLOOR REC 275	31a	20/1													20/1	32a	COMPUTER REC
GUIDANCE REC	33b	20/1													20/1	34b	EXISTING LOAD
HEATER FRONT HALLWAY	35c	20/1													20/1	36c	EXISTING LOAD
DOOR OPERATORS	37a	20/1		1200												38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PANEL F				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MLO
LOCATION:	SERVER ROOM 158	AIC:	10		WIRE:	4	BUS RATING:	100
		SOURCE:	PANEL B				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
LECTURE PLUGMOLD	1a	20/1													20/1	2a	LECTURE PLUGMOLD
LECTURE PLUGMOLD	3b	20/1													20/1	4b	LECTURE PLUGMOLD
LECTURE PLUGMOLD	5c	20/1													20/1	6c	LECTURE PLUGMOLD
LIBARARY UNIT HEATER	7a	20/1													20/1	8a	LECTURE PLUGMOLD
LIBRARY REC	9b	20/1													20/1	10b	LECTURE PLUGMOLD
LIBRARY REC	11c	20/1													20/1	12c	LECTURE PLUGMOLD
EXISTING LOAD	13a	20/1													20/1	14a	IBM REC
EXISTING LOAD	15b	20/1													20/1	16b	IBM REC
EXISTING LOAD	17c	20/1													20/1	18c	LIBRARY REC
EXISTING LOAD	19a	20/1													20/1	20a	EXISTING LOAD
EXISTING LOAD	21b	20/1													20/1	22b	EXISTING LOAD
EXISTING LOAD	23c	20/1													30/2	24c	A/C
EXISTING LOAD	25a	20/1														26a	
EXISTING LOAD	27b	20/1													20/1	28b	EXISTING LOAD
SPACE	29c														20/1	30c	EXISTING LOAD
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PS1				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MCB
LOCATION:	SHOP 116	AIC:	10		WIRE:	4	BUS RATING:	100
		SOURCE:	MDP				MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
COMPUTER REC	1a	20/1													20/1	2a	HOOD FAN
RIGHT REC	3b	15/1													20/1	4b	SHOP REC
COMPUTER REC	5c	20/1														6c	SPACE
EXISTING LOAD	7a	20/1														8a	SPACE
SPACE	9b															10b	SPACE
PLUGMOLD	11c	20/1														12c	SPACE
PLUGMOLD	13a	20/1														14a	SPACE
BENCH REC	15b	20/1														16b	SPACE
WALL REC	17c	20/1														18c	SPACE
220V ABOVE CEILING	19a	70/2													20/1	20a	PLUGMOLD
	21b														20/1	22b	PLUGMOLD
EXISTING LOAD	23c	20/3													20/1	24c	PLUGMOLD
	25a														20/1	26a	FLOOR REC
	27b														20/2	28b	COMP ROOM A/C
EXISTING LOAD	29c	20/3														30c	
	31a														70/2	32a	220 STUDWALL
	33b															34b	
SPACE	35c														30/3	36c	WELDER
SPACE	37a															38a	
SPACE	39b															40b	
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PS2				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208		PHASE:	3	OCP TYPE:	MCB
LOCATION:	SHOP 117	AIC:	10		WIRE:	4	BUS RATING:	125
		SOURCE:	MDP				MCB RATING:	125

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
BATTERY CHARGER	1a	15/1													30/3	2a	EXISTING LOAD
COMPUTER REC	3b	15/1														4b	
LATHE	5c	15/1														6c	
DARK ROOM FAN	7a	20/1													20/1	8a	DESK REC
BANDSAW/SANDER	9b	20/1													50/2	10b	PLANER
CHOP SAW	11c	20/1														12c	
ART OFFICE	13a	20/1													20/2	14a	A/C
EXISTING LOAD	15b	30/3														16b	
	17c														20/1	18c	EXISTING LOAD
	19a														20/1	20a	TABLE SAW
COUTNER REC	21b	20/1													30/1	22b	JOINTER
EXISTING LOAD	23c	20/1														24c	SPACE
DRILL PRESS	25a	20/1														26a	SPACE
EXISTING LOAD	27b	20/1														28b	SPACE
EXISTING LOAD	29c	20/1														30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L1H				TYPE:	BRANCH
PROJECT NO.:	243033.00						MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	480		PHASE:	3	OCP TYPE:	MLO
LOCATION:	RECEIVING 118	AIC:	14		WIRE:	4	BUS RATING:	100
		SOURCE:	MDP				MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
EXISTING LOAD	3b	20/1													20/1	4b	EXISTING LOAD
EXISTING LOAD	5c	20/1													20/1	6c	EXISTING LOAD
EXISTING LOAD	7a	20/1													20/3	8a	EXISTING LOAD
SHOP FAN	9b	20/3														10b	
	11c															12c	
	13a															14a	SPACE
EXISTING LOAD	15b	20/3														16b	SPACE
	17c															18c	SPACE
	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

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M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

PANEL
SCHEDULES

Sheet No.

WHS
E-701

CONSTRUCTION DOCUMENTS

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P3L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	CORRIDOR C107	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	200

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
GYM REC	1a	20/1													20/1	2a	HALL REC
GYM REC	3b	20/1													20/1	4b	LIGHTS
EXISTING LOAD	5c	20/1														6c	SPACE
REC	7a	20/1														8a	SPACE
EXISTING LOAD	9b	20/1													20/1	10b	EXISTING LOAD
EXISTING LOAD	11c	20/1													20/1	12c	EXISTING LOAD
SLOP RM	13a	20/1													20/1	14a	EXISTING LOAD
GYM REC	15b	20/1													30/2	16b	EXISTING LOAD
EXISTING LOAD	17c	20/1														18c	
EXISTING LOAD	19a	20/1													20/1	20a	EXISTING LOAD
EXISTING LOAD	21b	20/1													20/1	22b	EXISTING LOAD
156 LIGHTS	23c	20/1													20/1	24c	118 REC
154 LIGHTS	25a	20/1													30/2	26a	SERVER ROOM UPS
EXISTING LOAD	27b	20/1														28b	
EXISTING LOAD	29c	20/1													30/3	30c	BLEACHERS
EXISTING LOAD	31a	20/2														32a	
	33b															34b	
EXISTING LOAD	35c	20/2													30/2	36c	1A
	37a															38a	
EXISTING LOAD	39b	20/2													30/2	40b	1B
	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	PKH			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	KITCHEN K101	AIC:	14	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
COMPRESSOR	1a	15/3													15/3	2a	MIXER
	3b															4b	
	5c															6c	
DISPOSAL	7a	15/3													15/3	8a	DISHWASHER
	9b															10b	
	11c															12c	
COMPRESSOR	13a	15/3													30/3	14a	BOOSTER HEATER
	15b															16b	
	17c															18c	
DISHWASHER HTR	19a	30/3													60/3	20a	DISPOSAL TABLE
	21b															22b	
	23c															24c	
KITCHEN EXHAUST KEF-1, KEF-2	25a	20/3			1661										30/3	26a	BOOSTER DISHWASHER
	27b				1661											28b	
	29c				1661											30c	
FRYER	31a	40/3													40/3	32a	LANG OVEN
	33b															34b	
	35c															36c	
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L5H			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	CORRIDOR C108	AIC:	14	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
HALL LIGHTS	1a	20/1													20/1	2a	MAIN OFFICE LIGHTS
HALL LIGHTS	3b	20/1													20/1	4b	WORK ROOM LIGHTS
KITCHEN LIGHTS	5c	20/1													20/1	6c	HALL LIGHTS
CAFETERIA B	7a	20/1														8a	SPACE
CAFETERIA A	9b	20/1														10b	SPACE
ENTRANCE LIGHTS	11c	20/1														12c	SPACE
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
GYM PARTITION	19a	15/3													15/3	20a	GYM PARTITION
	21b															22b	
	23c															24c	
HV CAFÉ C	25a	20/3													20/3	26a	HV KITCHEN
	27b															28b	
	29c															30c	
HV MUSIC	31a	20/3													30/3	32a	HV AUDITORIUM
	33b															34b	
	35c															36c	
HV GYM	37a	30/3													40/3	38a	A/C
	39b															40b	
	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P5L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	CORRIDOR C109	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
CRAWL SPACE	1a	20/1													20/1	2a	MAIN CORRIDOR REC
CRAWL SPACE	3b	20/1													20/1	4b	MAIN CORRIDOR FAN
LOBBY LIGHTS	5c	20/1													20/1	6c	CONF. ROOM FAN
TELE ROOM REC	7a	20/1													20/1	8a	CAFÉ LIGHTS
WAITING ROOM REC	9b	20/1													20/1	10b	CAFÉ LIGHTS
DENTAL RM REC	11c	20/1													20/1	12c	CAFÉ LIGHTS
DENTAL RM REC	13a	20/1													20/1	14a	MAIN CORRIDOR HEATER
GUIDANCE REC	15b	20/1													20/1	16b	TELE BOOTH
CAFE C VAVS	17c	20/1													20/1	18c	OUTSIDE CANOPY LIGHTS
PRINCIPLE OFFICE REC	19a	20/1													20/1	20a	BATTERY TELE ROOM
CONFERENCE REC	21b	20/1													20/1	22b	ASS. PRINCIPAL REC
WORK ROOM REC	23c	20/1													20/1	24c	TELE ROOM LIGHTS
OFFICE FLOOR REC	25a	20/1													20/1	26a	EXISTING LOAD
MAIN CORRIDOR REC	27b	20/1													20/1	28b	FIRE ALARM
CORRIDOR REC	29c	20/1													20/1	30c	FAN SHUT DOWN PANEL
SPECIAL REC HALL	31a	20/2													20/1	32a	ROOM 170A
	33b															34b	SPACE
SPECIAL REC HALL	35c	20/2														36c	SPACE
	37a															38a	SPACE
SPECIAL REC HALL	39b	20/2														40b	SPACE
	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L9			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	KITCHEN K101	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	200

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
SPACE	1a															2a	SPACE
ICE CREAM FREEZER	3b	20/1														4b	SPACE
ALACARTE REC	5c	20/1													100/3	6c	HOT WATER
DISHWASHER	7a	100/3														8a	
	9b															10b	
	11c														20/2	12c	DONUT MACHINE
EXISTING LOAD	13a	20/2														14a	
	15b														20/1	16b	REC
REC	17c	20/1													20/1	18c	DISHWASHER FAN
HALL SPECIAL REC	19a	20/2													20/1	20a	VENDING MACHINE REC
	21b														20/1	22b	VENDING MACHINE REC
KITCHEN EF	23c	20/1													20/2	24c	FREEZER
ALACARTE FAN	25a	20/1														26a	
COOLER&HEATERS ALA.	27b	20/1													20/1	28b	LUNCH ROOM REC
REGISTER REC	29c	20/1													20/1	30c	FREEZER LIGHTS
DISPLAY FRIDGE	31a	20/1													20/3	32a	FREEZER
DISPLAY HEATER	33b	20/2														34b	
	35c															36c	
ALACARTE TABLE	37a	20/3													20/3	38a	WALK IN FRIDGE
	39b															40b	
	41c															42c	
PANEL LE	43a	150/3														44a	SPACE
	45b															46b	SPACE
	47c															48c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	KITCHEN SECTION 1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	KITCHEN K101	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	MDP			MCB RATING:	200

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
SPACE	1a														20/1	2a	SPACE
SPACE	3b														15/1	4b	SPACE
STEAM TABLE	5c	30/2													20/1	6c	PREP TABLE FAN
	7a														20/1	8a	SERVING RM FAN
STEAM TABLE	9b	20/2													20/1	10b	CAFÉ REC
	11c														20/1	12c	CAFÉ REC
SPARE	13a	20/3													30/2	14a	WASHER/DRYER REC
	15b															16b	
	17c														20/1	18c	REC UNDER PHONE
HOOD PANEL	19a	70/3													20/1	20a	SPARE J BOX IN CEILING
	21b														20/1	22b	SPARE J BOX IN CEILING
	23c														20/1	24c	CAFÉ REC
REC	25a	20/1													50/3	26a	STEAMER
SPACE	27b															28b	
SPACE	29c															30c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	KITCHEN SECTION 2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	KITCHEN K101	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	KITCHEN SECTION 1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
TABLE REC	1a	20/1													20/1	2a	WARMER
DOOR HEATER	3b	20/1													20/1	4b	KITCHEN REC
SERVING REC	5c	20/1													20/1	6c	KITCHEN REC
SERVING REC	7a	20/1													20/1	8a	KITCHEN REC
SERVING REC	9b	20/1													20/1	10b	KITCHEN REC
SERVING REC	11c	20/1													20/1	12c	KITCHEN REC
KITCHEN REC	13a	20/1													20/1	14a	KITCHEN REC
FRIDGE	15b	20/1													20/1	16b	WARMER
SERVING REC	17c	20/1													20/1	18c	KITCHEN REC
SERVING REC	19a	20/1													20/1	20a	WATER COOLER WEST
MILK COOLER	21b	20/1													20/1	22b	WATER COOLER EAST
SERVING REC	23c	20/1													20/1	24c	DISH FAN
SERVING REC	25a	20/1													20/1	26a	SPARE
SERVING REC	27b	20/1													20/1	28b	EXISTING LOAD
LIGHTS	29c	20/1													20/1	30c	HOOD

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P4L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	CORRIDOR C110	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
EXISTING LOAD	3b	20/1													20/1	4b	SHOT CLOCK
EXISTING LOAD	5c	20/1													20/1	6c	EXISTING LOAD
EXISTING LOAD	7a	20/1													20/1	8a	EXISTING LOAD
WATER FOUNTAIN	9b	20/1													20/1	10b	EXISTING LOAD
CORNER SCOREBOARD	11c	20/1													20/1	12c	EXISTING LOAD
EXISTING LOAD	13a	20/1													20/1	14a	EXISTING LOAD
EXISTING LOAD	15b	20/1													20/1	16b	CORAL ROOM VAV
EXISTING LOAD	17c	20/1													20/1	18c	EXISTING LOAD
SOUND BOOTH	19a	20/1													20/1	20a	EXISTING LOAD
EXISTING LOAD	21b	20/1													15/1	22b	EXISTING LOAD
EXISTING LOAD	23c	20/1													20/1	24c	GFI HANDICAP LAV
EXISTING LOAD	25a	20/1										1800			20/1	26a	GIRLS HAND DRYER
EXISTING LOAD	27b	20/2										1800			20/1	28b	GIRLS HAND DRYER
	29c											1800			20/1	30c	BOYS HAND DRYER
EAST WALL SCOREBOARD	31a	20/2										1800			20/1	32a	BOYS HAND DRYER
	33b											1800			20/1	34b	T180 HAND DRYER
EXISTING LOAD	35c	20/2										1800			20/1	36c	T180A HAND DRYER
	37a														20/1	38a	SPARE
SPECIAL REC HALL	39b	20/2													20/1	40b	SPARE
	41c														20/1	42c	OUTSIDE LIGHTS

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 234	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	L1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
REC 236 & 238	1a	20/1													20/1	2a	REC 236 & 238
REC 238 & 242	3b	20/1													20/1	4b	REC 242
REC 240	5c	20/1													20/1	6c	REC 240
REC 237 & 241	7a	20/1													20/1	8a	REC 237 & 241
REC 239 & 241	9b	20/1													20/1	10b	REC 329 & 241
REC 233	11c	20/1													20/1	12c	REC 233
REC 233 & 235	13a	20/1													20/1	14a	REC 233 & 235
REC 229 & 233	15b	20/1													20/1	16b	REC 229 & 233
REC 232	17c	20/1													20/1	18c	REC 232
REC 230 & 238	19a	20/1													20/1	20a	SPARE
SPARE	21b	20/1													20/1	22b	REC 238 & 240
UVS 232 & 238	23c	20/1													20/1	24c	BATH, JAN REC
HALL UV	25a	20/1													15/1	26a	FIRE ALARM
HALL UV	27b	20/1													20/1	28b	REC 141
UVS 236 & 238	29c	20/1													20/1	30c	CEILING REC 133
UV 239	31a	15/2													20/1	32a	HALL UV
UVS 229 & 233	33b														20/1	34b	WATER COOLER
UVS 237 & 241	35c	20/1													20/2	36c	SPECIAL REC HALL
HALL UV	37a	20/1														38a	
UV 230	39b	20/1													20/2	40b	SPECIAL REC HALL
UVS 240 & 242	41c	20/1														42c	

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

PANEL SCHEDULES

Sheet No.

WHS
E-702

CONSTRUCTION DOCUMENTS

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 234	AIC:	14	WIRE:	4	BUS RATING:	100
		SOURCE:	H1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
LIGHTS 244 & 246	1a	20/1													20/1	2a	LIGHTS 239 & 241
LIGHTS 240 & 242	3b	20/1													20/1	4b	LIGHTS 237 & FOYER
LIGHTS 236 & 238	5c	20/1													20/1	6c	LIGHTS 233 & 235
BATHROOM LIGHTS	7a	20/1													20/1	8a	LIGHTS 229 & 231
LIGHTS 228 & 230	9b	20/1													20/1	10b	POOL HALL LIGHTS
SPACE	11c														20/1	12c	HALL LIGHTS
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L4			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	CUSTODIAL 247D	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	H1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
GIRLS LOCKER RM REC	1a	20/1		1380									180		20/1	2a	LAUNDRY REC
GIRLS TOWEL RM REC	3b	20/1		360									180		20/1	4b	LAUNDRY REC
POOL REC	5c	20/1		360									360		20/1	6c	ROOFTOP REC
OFFICE REC	7a	20/1		360								1800			20/1	8a	HAND DRYER 343A
POOL REC	9b	20/1		360								1800			20/1	10b	HAND DRYER 343B
PA & SECURITY SYSTEMS	11c	20/1										1800			20/1	12c	HAND DRYER 243BT
LOCKER RM HEAT	13a	20/1										1800			20/1	14a	HAND DRYER 243A
OFFICE REC	15b	20/1		360								1800			20/1	16b	HAND DRYER 247BT
HALL UNIT HEATER	17c	20/1										1800			20/1	18c	HAND DRYER 247A
OFFICE REC	19a	20/1		360											20/1	20a	SPARE
BOYS TOWEL RM REC	21b	20/1		360											20/1	22b	SPARE
BOYS LOCKER RM REC	23c	20/1		840											20/1	24c	SPARE
SPECIAL REC HALL	25a	20/2										1800			20/1	26a	HAIR DRYER GIRLS
	27b											1800			20/1	28b	HAIR DRYER GIRLS
SPACE	29c											1800			20/1	30c	HAIR DRYER GIRLS
SPACE	31a											1800			20/1	32a	HAIR DRYER BOYS
SPACE	33b											1800			20/1	34b	HAIR DRYER BOYS
SPACE	35c											1800			20/1	36c	HAIR DRYER BOYS
SPACE	37a														100/3	38a	PANEL B
SPACE	39b															40b	
SPACE	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P1L SECTION 1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	JANITOR 217	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	100

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
PLUGMOLD 214	1a	20/1													30/2	2a	214 A/C
PLUGMOLD 214	3b	20/1														4b	
214 A/C	5c	20/1													20/1	6c	PLUGMOLD 214
3RD FLOOR HALL REC	7a	20/1													20/1	8a	PLUGMOLD 212
REC 215	9b	20/1													30/2	10b	SPECIAL REC 216
REC 215	11c	20/1														12c	
2ND FLOOR HALL REC	13a	20/1													15/1	14a	3RD FLR WTR FTN
REC 212	15b	20/1													30/2	16b	COMPUTER A/C
212 A/C	17c	30/2														18c	
	19a														30/2	20a	212 A/C
SPECIAL REC 3RD FLR	21b	20/2														22b	
	23c														30/2	24c	SPECIAL REC 216
SPECIAL REC 216	25a	15/2														26a	
	27b														20/1	28b	PLUGMOLD 214
2ND FLR WTR FTN	29c	20/1													20/1	30c	PLUGMOLD 212

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L2H			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 217	AIC:	14	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
ROOF FAN	1a	15/3													20/1	2a	LIGHTS 211,213,215
	3b														20/1	4b	LIGHTS 207 & 209
	5c														20/1	6c	LIGHTS 210 & 212
3RD FLR HALL LIGHTS	7a	20/1													20/1	8a	LIGHTS 214 & 216
2ND FLR HALL LIGHTS	9b	20/1														10b	SPACE
STAIRWELL LIGHTS	11c	20/1														12c	SPACE
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L3			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 332	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	L1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
HEATER 330	1a	15/2													20/1	2a	HALL HEAT
	3b														20/2	4b	SPECIAL REC HALL
HEATER 338	5c	20/1														6c	
HEATER 337,339,341	7a	20/1													20/1	8a	HALL HEAT
HEATER 333 & 335	9b	20/1													20/1	10b	REC 329 & 333
SPARE	11c	20/1													20/1	12c	REC 329 & 333
SPARE	13a	20/1													20/1	14a	REC 329 & 333
REC 322	15b	20/1													20/2	16b	SPECIAL REC HALL
REC 338	17c	20/1														18c	
SPARE	19a	20/1													20/1	20a	JAN & BATH REC
SPARE	21b	20/1													20/1	22b	REC 333 & 335
SPARE	23c	20/1													20/1	24c	REC 331 & 333
338 A/C	25a	30/2													20/1	26a	REC 329 & 321
	27b														20/1	28b	REC 339 & 341
SPARE	29c	20/1													20/1	30c	REC 339 & 341
SPARE	31a	20/1													20/1	32a	EXHAUST FAN
SPARE	33b	20/1													20/1	34b	REC 337 & 341
SPARE	35c	20/1													20/1	36c	REC 337 & 341
REC 338	37a	20/1													20/1	38a	REC 338
REC 338	39b	20/1													20/1	40b	REC 338
REC 338	41c	20/1													20/1	42c	REC 338

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H4			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	CUSTODIAL 243D	AIC:	14	WIRE:	4	BUS RATING:	225
		SOURCE:	H1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
LTG BATH, HALL, STAIRS	3b	20/1													20/1	4b	LTG LAUNDRY AND HALL
LIGHTS BLEACHERS	5c	20/1													20/1	6c	OFFICE LIGHTS
LIGHTS BLEACHERS	7a	20/1													20/1	8a	LIGHTS BOYS LOCKER
LIGHTS POOL	9b	20/1													20/1	10b	LIGHTS GIRLS LOCKER
RTU-LOCKER-1	11c	50/3					11072			7474					40/3	12c	RTU-LOCKER-2
	13a						11072			7474						14a	
	15b						11072			7474						16b	
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	B			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	A/V STORAGE 244	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	L4			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
POOL AMP REC	1a	20/1													20/1	2a	A/C 242
STUDIO LIGHTS	3b	20/1													20/1	4b	STORE ROOM REC
STUDIO LIGHTS	5c	20/1													20/1	6c	STUDIO REC
EXISTING LOAD	7a	50/3													20/1	8a	STUDIO REC
	9b														20/1	10b	STUDIO REC
	11c														20/1	12c	STUDIO REC
STUDIO LIGHTS	13a	20/1													20/1	14a	STUDIO REC
COMPUTER ROOM AC	15b	40/2													20/1	16b	212 REC
	17c														20/1	18c	STORE ROOM REC
STORE ROOM REC	19a	20/1													20/1	20a	UNIT HEATER
STORE ROOM REC	21b	20/1														22b	SPACE
FIRE ALARM	23c	20/2														24c	SPACE
	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a														100/3	38a	PANEL F
SPACE	39b															40b	
SPACE	41c															42c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P1L SECTION 2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 217	AIC:	10	WIRE:	4	BUS RATING:	100
		SOURCE:	P1L SECTION 1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXISTING LOAD	1a	20/1													20/1	2a	EXISTING LOAD
SPECIAL REC 1ST FLR	3b	20/2													20/1	4b	1ST FLR HALL HEAT
	5c														20/1	6c	REC 216
1ST FLOOR REC	7a	20/1													20/1	8a	REC 210
EXISTING LOAD	9b	20/1													20/1	10b	2ND FLR BATH LIGHTS
SPACE	11c														20/1	12c	3RD FLR BATH LIGHTS
SPACE	13a														20/1	14a	STAIRWELL HEAT
SPACE	15b														20/1	16b	EXISTING LOAD
SPACE	17c														20/1	18c	PLUGMOLD 212
SPACE	19a														20/1	20a	PLUGMOLD 212
SPACE	21b														20/1	22b	PLUGMOLD 212
SPACE	23c														20/1	24c	PLUGMOLD 212
SPACE	25a														20/1	26a	EXISTING LOAD
SPACE	27b														20/1	28b	PLUGMOLD 212
SPACE	29c															30c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P2L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	CORRIDOR C201	AIC:	10	WIRE:	4	BUS RATING:	200
		SOURCE:	MDP			MCB RATING:	200

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
STAIRWELL HEAT	1a	20/1													20/1	2a	NURSE REC
PLUGMOLD 206	3b	20/1													20/1	4b	1ST FLOOR HEAT
PLUGMOLD 206	5c	20/1													20/1	6c	208 REC
PLUGMOLD 206	7a	20/1													20/1	8a	GUIDANCE FILE RM REC
PLUGMOLD 206	9b	20/1													20/1	10b	EXHAUST FAN
REC 208	11c	20/1													20/1	12c	EXHAUST FAN
REC 207	13a	20/1													20/1	14a	EXHAUST FAN
REC 207	15b	20/1														16b	SPACE
CLOCK GUIDANCE	17c	20/1														18c	SPACE
REC 150	19a	20/1														20a	SPACE
REC 154	21b	20/1														22b	SPACE
EXHAUST FAN 152	23c	20/1														24c	SPACE
REC 154	25a	20/1														26a	SPACE
NURSE A/C	27b	20/1														28b	SPACE
LIBRARY REC	29c	20/1														30c	SPACE
LIBARAY REC	31a	20/1														32a	SPACE
OUTSIDE LIGHTS	33b	20/1														34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	P2L			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	FLUSH
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	CORRIDOR C201	AIC:	14	WIRE:	4	BUS RATING:	100
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
LIBARAY LIGHTS	1a	20/1													20/1	2a	LIGHTS 206-208
LIBRARY LIGHTS	3b	20/1													20/1	4b	LIGHTS 201-203,205
LIGHTS 1ST FLR HALL	5c	20/1													20/1	6c	LIGHTS 202-204
LIGHTS WEST STAR	7a	20/1														8a	SPACE
SPACE	9b															10b	SPACE
SPACE	11c															12c	SPACE
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

PANEL
SCHEDULES

Sheet No.

WHS
E-703

CONSTRUCTION DOCUMENTS

SCHEDULE NOTES

1. PROVIDE GFCI CIRCUIT BREAKER

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H3			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 332	AIC:	14	WIRE:	4	BUS RATING:	100
		SOURCE:	H1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXHAUST FAN	1a	30/3													20/1	2a	HALL LIGHTS
	3b														20/1	4b	HALL LIGHTS
	5c														20/1	6c	LIGHTS 329 & 331
PANEL L3A	7a	70/3													20/1	8a	LIGHTS 333 & 335
	9b														20/1	10b	LIGHTS 337
	11c														20/1	12c	LIGHTS 339 & 341
LIHGTS BATH & 330	13a	20/1													20/1	14a	EXISTING LOAD
LIGHTS 328	15b	20/1													20/1	16b	EXISTING LOAD
LIGHTS 334	17c	20/1														18c	SPACE
LIGHTS 336 & 338	19a	20/1														20a	SPACE
EXISTING LOAD	21b	20/1														22b	SPACE
EXISTING LOAD	23c	20/1														24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L5			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	FAN ROOM	AIC:	10	WIRE:	4	BUS RATING:	400
		SOURCE:	H5			MCB RATING:	400

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
DRYER	1a	20/1			1440							1477			15/2	2a	WASHER
CONTROL CIRCUIT PNL A	3b	20/1										1477				4b	
UNIT HEATER MECH RM	5c	20/1										870			20/1	6c	EF-BOYS
EXISTING LOAD	7a	20/1										870			20/1	8a	EF-GIRLS
MECH RM REC	9b	20/1										660			20/1	10b	EF-OFFICE, EF-CUSTODIAL
EXISTING LOAD	11c	20/1													20/1	12c	REC FIRST AID RM
CO DETECTION PANEL	13a	20/1													20/1	14a	SCOREBOARD
RTU-1 REC	15b	20/1													20/1	16b	SCOREBOARD
HVAC CP	17c	20/1										2112			30/1	18c	DRYER EXHAUST
GAS BOILER	19a	20/1													20/3	20a	PUMP 2
WASHER	21b	15/2			1477											22b	
	23c				1477											24c	
DRYER	25a	20/1			1440										20/1	26a	MEC-24
UNIT HEATER & FAN	27b	20/1													20/2	28b	COKE MACHINE
WASHER	29c	15/2			1477											30c	
	31a				1477										20/2	32a	BLEACHER REC
UNIT HEATER & FAN	33b	20/1														34b	
CONTROL CKT CHLOR RM	35c	20/1													20/1	36c	POOL EM LIGHTS
HEAT PUMP	37a	15/3													20/1	38a	WATER HEATER
	39b														20/1	40b	HEAT PUMP
	41c															42c	SPACE
PANEL L4	43a	200/3														44a	
	45b															46b	
	47c															48c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L7 SECTION 1			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MCB
LOCATION:	JANITOR 313	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	L6			MCB RATING:	225

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
EXHAUST FAN 303	1a	20/1													20/1	2a	PLUGMOLD 303 ①
SPARE	3b	20/1													20/1	4b	PLUGMOLD 309 ①
① PLUGMOLD 302	5c	20/1													20/1	6c	PLUGMOLD 311 ①
① PLUGMOLD 311	7a	20/1													20/1	8a	TABLE REC 312
① PLUGMOLD 312	9b	20/1													20/1	10b	PLUGMOLD 310 ①
SPACE	11c														20/1	12c	PLUGMOLD 306 ①
① PLUGMOLD 306	13a	20/1													20/1	14a	PLUGMOLD 304 ①
① REC 301	15b	20/1													20/1	16b	PLUGMOLD 302 ①
PROJECTOR SCREEN 306	17c	20/1													20/1	18c	EXHAUST FAN 311/312
CONTROL TABLE 303	19a	20/1													20/1	20a	SPARE
REC 307	21b	20/1													20/1	22b	TABLE REC 302
TABLE REC 311	23c	20/1													20/1	24c	TABLE REC 311
TABLE REC 301	25a	20/1													20/1	26a	TABLE REC 310
TABLE REC 308	27b	20/1													100/3	28b	PANEL L7A
TABLE REC 304	29c	20/1														30c	
EXHAUST FAN 310/312	31a	20/1														32a	
EXHAUST FAN 311	33b	20/1													20/1	34b	EXHAUST FAN 310/312
EXHAUST FAN 306/308	35c	20/1													20/1	36c	EXHAUST FAN 302/304
SPACE	37a	20/1													20/1	38a	SPACE
SPACE	39b	20/1													20/1	40b	SPACE
SPACE	41c	20/1													20/1	42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H5			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	FAN ROOM	AIC:	14	WIRE:	4	BUS RATING:	400
		SOURCE:	MDP			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
SPARE	1a	20/1													20/1	2a	SPARE
RTU-8	3b	50/3													15/3	4b	EXISTING LOAD
	5c															6c	
	7a															8a	
EXISTING LOAD	9b	20/1													20/1	10b	PARKING LOT LIGHTS
MECH RM LIGHTS	11c	20/1													20/1	12c	PARKING LOT LIGHTS
STAIR & EM LIGHTS	13a	20/1													20/1	14a	SPARE
PUMP 3	15b	15/3													15/3	16b	CSR
	17c															18c	
	19a															20a	
FANS	21b	80/3													30/3	22b	PUMP 2
	23c															24c	
	25a															26a	
COMPRESSOR	27b	100/3													30/3	28b	PUMP 1
	29c															30c	
	31a															32a	
AIR MODULATOR ROOF	33b	20/3													50/3	34b	PANEL A
	35c															36c	
	37a															38a	
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE
PANEL L5	43a	225/3														44a	
	45b															46b	
	47c															48c	

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	H7			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	480	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 313	AIC:	65	WIRE:	4	BUS RATING:	100
		SOURCE:	H6			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
LIGHTS 306-308	1a	20/1													20/1	2a	LIGHTS 305-307
LIGHTS 307-310-312	3b	20/1													20/1	4b	LIGHTS 309-311
LIGHTS 302-304	5c	20/1													20/1	6c	LIGHTS 301-303
FUME HOOD 308	7a	15/3														8a	SPACE
	9b															10b	SPACE
	11c															12c	SPACE
SPACE	13a															14a	SPACE
SPACE	15b															16b	SPACE
SPACE	17c															18c	SPACE
SPACE	19a															20a	SPACE
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	L7 SECTION 2			TYPE:	BRANCH
PROJECT NO.:	243033.00					MOUNTING:	SURFACE
FACILITY:	HIGH SCHOOL	VOLTAGE:	208	PHASE:	3	OCP TYPE:	MLO
LOCATION:	JANITOR 313	AIC:	10	WIRE:	4	BUS RATING:	225
		SOURCE:	L7 SECTION 1			MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
REC 302	1a	20/1													20/1	2a	TABLE REC 306
TABLE REC 308	3b	20/1													20/1	4b	REC 311 ①
TABLE REC 302	5c	20/1													20/1	6c	PLUGMOLD 307 ①
REC 307-311	7a	20/1													20/1	8a	PLUGMOLD 304-310-312
① REC 302	9b	20/1													20/1	10b	PLUGMOLD 301-303
① PLUGMOLD 308-310	11c	20/1													20/1	12c	PLUGMOLD 300
① REC 302	13a	20/1													30/2	14a	AC
PLUGMOLD 304	15b	20/1														16b	
SPECIAL REC HALL	17c	20/2														18c	SPACE
	19a															20a	SPACE
CAM	21b	20/1														22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR. & CATALOG No.	LAMP	VOLTAGE	MOUNTING	WATTS	REF. NOTES
A	2X2 FLAT PANEL WITH WET LOCATION AND HIGH ABUSE RATING WITH CLEAR POLYCARBONATE LENS	COOPER LIGHTING FLR SERIES OR APPROVED EQUAL	LED 2000 LUMENS 4000K	120/277V	RECESSED	15	
B	8" DOWNLIGHT WITH WET LOCATION RATING, WHITE POLYMER TRIM RING, SPECULAR CLEAR FINISH AND WIDE DISTRIBUTION	COOPER LIGHTING LD8B SERIES OR APPROVED EQUAL	LED 1000 LUMENS 4000K	120/277V	RECESSED	11	

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

EQUIPMENT								POWER SOURCE, PROTECTION & WIRING				
ITEM ID	NAME	ROOM LOCATION	HP	KW	AMPERAGE	PHASE	VOLTAGE	SOURCE	OCPD RATING	WIRING FROM SOURCE TO EQUIPMENT VIA CONTROLLER / DISCONNECTING MEANS		
										PHASE	GROUND	CONDUIT
DF-1	EXHAUST FAN	249C - POOL MAINT. RM	1.1			1	120	L5	30A/1P	(1)#10	(1)#10	3/4"
EF-1	EXHAUST FAN	ROOF	1/4			1	120	(E)	15A/1P	(2)#12	(1)#12	3/4"
EF-2	EXHAUST FAN	ROOF	1/8			1	120	(E)	15A/1P	(2)#12	(1)#12	3/4"
EF-CUSTODIAL	EXHAUST FAN	ROOF				1	120	L5	15A/1P	(2)#12	(1)#12	3/4"
EF-BOYS	EXHAUST FAN	ROOF	1/4			1	120	L5	15A/1P	(2)#12	(1)#12	3/4"
EF-GIRLS	EXHAUST FAN	ROOF	1/4			1	120	L5	15A/1P	(2)#12	(1)#12	3/4"
EF-OFFICE	EXHAUST FAN	ROOF	1/6			1	120	L5	15A/1P	(2)#12	(1)#12	3/4"
KEF-HS-1	EXHAUST FAN	ROOF	1 1/2			3	480	PKH	15A/3P	(3)#12	(1)#12	3/4"
KEF-HS-2	EXHAUST FAN	ROOF	1 1/2			3	480	PKH	15A/3P	(3)#12	(1)#12	3/4"
RTU-BAND-1	ROOFTOP UNIT	ROOF			16.0	3	480	H8	20A/3P	(3)#12	(1)#12	3/4"
RTU-BAND-2	ROOFTOP UNIT	ROOF			37.0	3	480	H8	40A/3P	(3)#8	(1)#10	3/4"
RTU-LOCKER-1	ROOFTOP UNIT	ROOF			40.0	3	480	H4	50A/3P	(3)#6	(1)#10	3/4"
RTU-LOCKER-2	ROOFTOP UNIT	ROOF			27.0	3	480	H4	40A/3P	(3)#8	(1)#10	3/4"
WH-1	WATER HEATER	249C POOL MAINT.				1	120	L5	20A/1P	(2)#12	(1)#12	3/4"
UH-291	UNIT HEATER	291 - FAN ROOM	1/20			1	120	(E)	15A/1P	(2)#12	(1)#12	3/4"

MOTOR CONTROLLER								DISCONNECTING MEANS					CONNECTIONS				EQUIPMENT	
MANUAL MOTOR STARTER	MAGNETIC MOTOR STARTER	COMBINATION MAGNETIC STARTER AND SAFETY SWITCH	ADJUSTABLE SPEED DRIVE	PACKAGED CONTROL UNIT	NEMA ENCLOSURE TYPE	NEMA STARTER SIZE	LOCATION	SAFETY SWITCH	SAFETY SWITCH AMPERE RATING	FUSE/CB AMPERE RATING	NEMA ENCLOSURE TYPE	LOCATION	FIRE ALARM SHUTDOWN	FIRE ALARM DUCT DETECTOR(S)	MOTORIZED DAMPER	LINE VOLTAGE TEMPERATURE CONTROL	REFERENCE NOTES	ITEM ID
							AU	-	-	-	-	AU					2	DF-1
X					1	0	(E)	-	-	-	-	IU	X				1	EF-1
X					1	0	(E)	-	-	-	-	IU					1	EF-2
X					1	0	RE	-	-	-	-	IU						EF-CUSTODIAL
X					1	0	RE	-	-	-	-	IU	X				1	EF-BOYS
X					1	0	RE	-	-	-	-	IU	X				1	EF-GIRLS
X					1	0	RE	-	-	-	-	IU					1	EF-OFFICE
				X			IU	-	-	-	-	IU						KEF-HS-1
				X			IU	-	-	-	-	IU						KEF-HS-2
				X			IU	-	-	-	-	IU	X					RTU-BAND-1
				X			IU	-	-	-	-	IU	X					RTU-BAND-2
				X			IU	-	-	-	-	IU	X					RTU-LOCKER-1
				X			IU	-	-	-	-	IU	X					RTU-LOCKER-2
				X			IU	NF	20	NF	1	AU						WH-1
				X			IU	-	-	-	-	IU						UH-291

REFERENCE NOTES

1	MOTORIZED DAMPER TO BE WIRED IN PARALLEL WITH FAN
2	STARTER AND DISCONNECT PROVIDED WITH UNIT. EC TO INSTALL. REFER TO DETAILS FOR ADDITIONAL INFORMATION

ABBREVIATIONS

AU	AT UNIT	IU	INTEGRAL WITH UNIT
B	ASD WITH BYPASS	M	MULTIPLE MOTOR ASD
ECB	ENCLOSED CIRCUIT BREAKER	NF	NON-FUSED
F	FUSED	R	ASD WITH REDUNDANT ASD
HOA	HAND-OFF-AUTO WITH RELAY	RE	REMOTE

GENERAL NOTES

A. REFER TO SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS

B. PROVIDE CONTROLLER SIZED PER HP/AMPS.

C. LOCATIONS/QUANTITIES OF FIRE ALARM DUCT DETECTORS ARE SHOWN ON PLANS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville_HS_ELEC_Central_R24.rvt

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M/E Project #: 243033

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
MICHAEL K. SULLIVAN
077887-1
LICENSED PROFESSIONAL ENGINEER

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	SPW
Checked By:	SZE
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

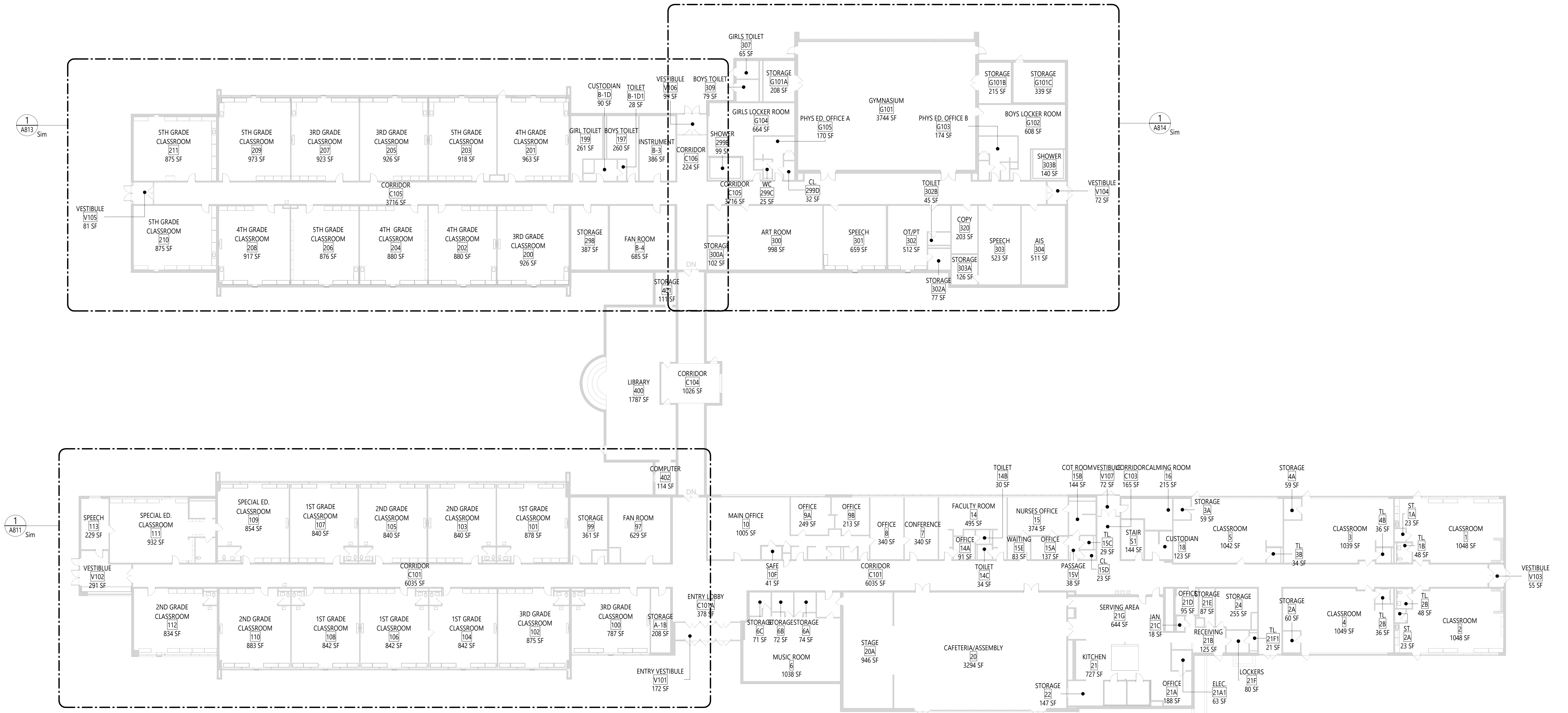
Sheet Title

SCHEDULES

Sheet No.

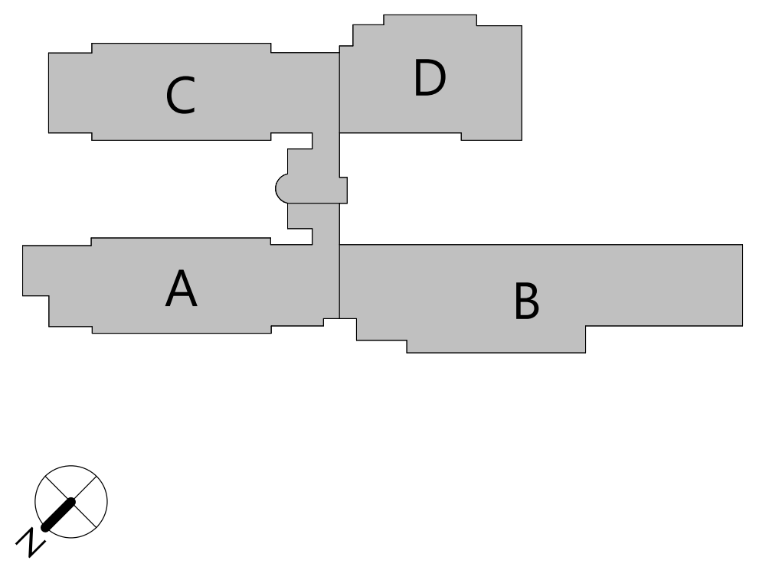
WHS
E-704

CONSTRUCTION DOCUMENTS



1 GROUND FLOOR PLAN - OVERALL
G010 3/64" = 1'-0"

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

THOMAS M. RITZENTHALER
023344
Registration Expiration: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI/KS/CM
Checked By:	DM
Proj. #:	44-01-02-06-0-002-019
CSArch Proj. #:	228-2401.02
Issued for Bid:	09/22/25

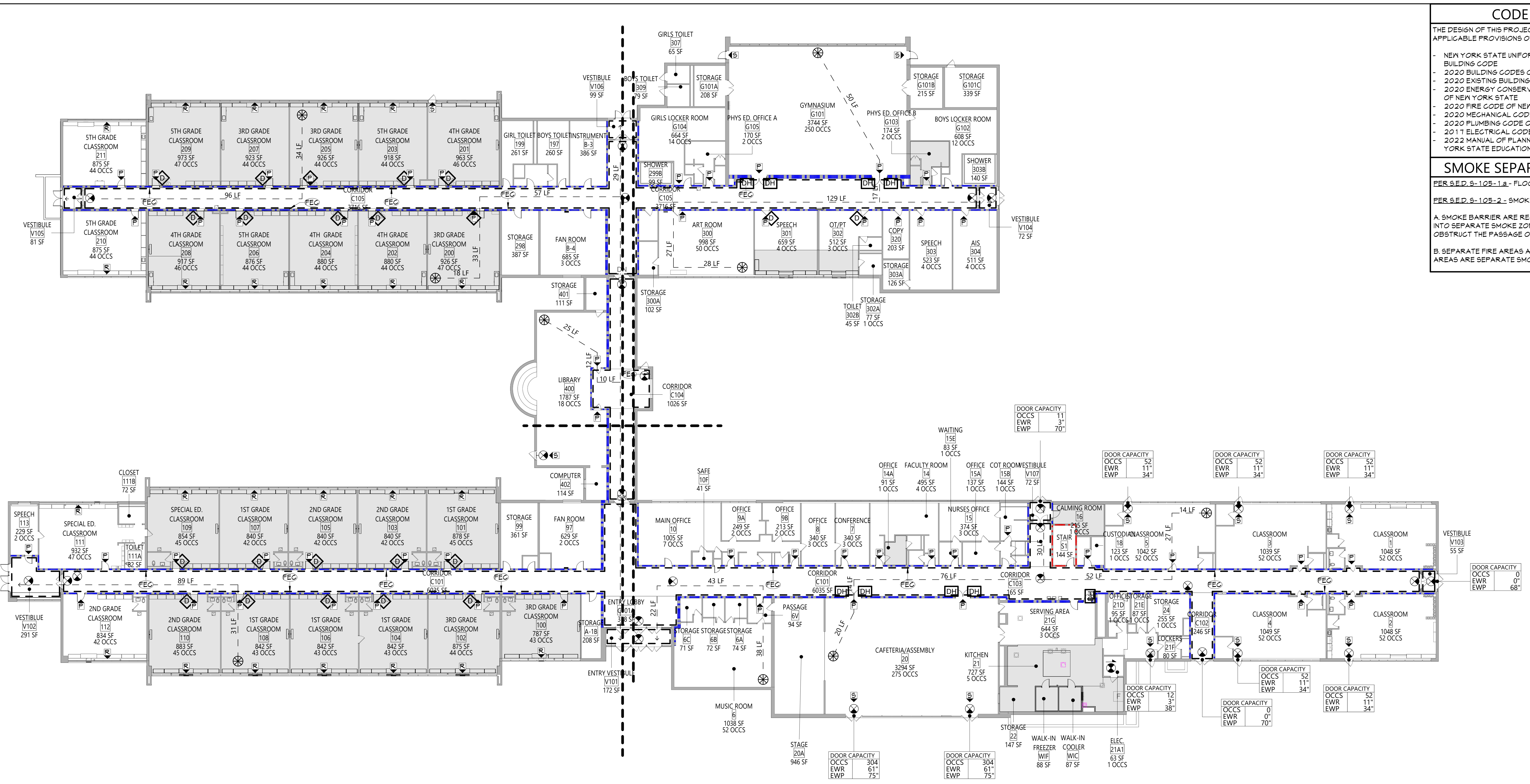
Sheet Title

GROUND FLOOR PLAN - OVERALL

Sheet No.

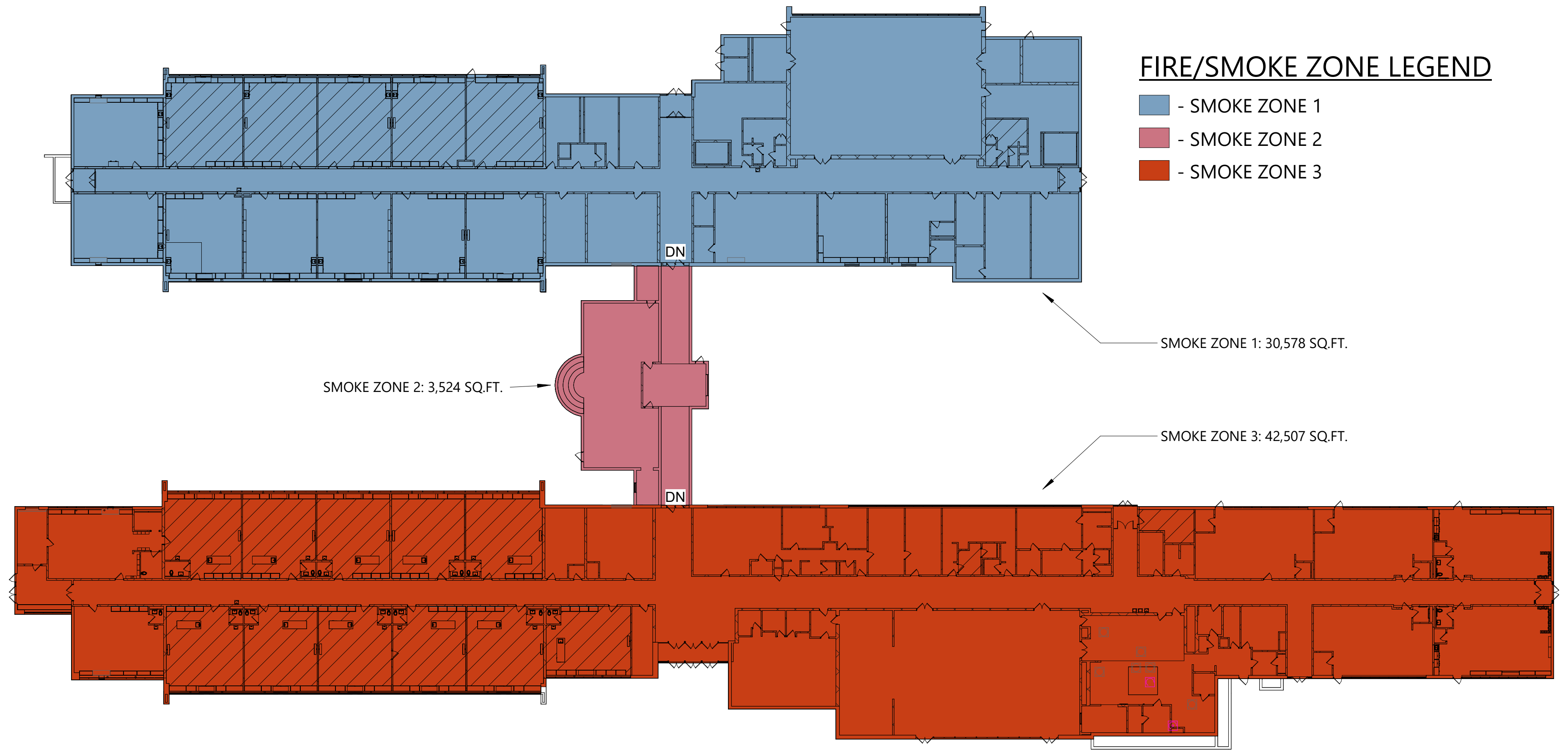
TES G010

CONSTRUCTION DOCUMENTS


GIRLS TOILET 307 65 SF
VESTIBULE V106 99 SF
BOYS TOILET 309 79 SF
STORAGE G101A 208 SF
GYMNASIUM G101 3744 SF 250 OCCS
50 LF
STORAGE G101B 215 SF
STORAGE G101C 339 SF
GIRLS LOCKER ROOM G104 664 SF 14 OCCS
PHYS ED. OFFICE A G105 170 SF 2 OCCS
PHYS ED. OFFICE B G103 174 SF 2 OCCS
BOYS LOCKER ROOM G102 608 SF 12 OCCS
SHOWER 299B 99 SF
SHOWER 303B 140 SF
5TH GRADE CLASSROOM 211 875 SF 44 OCCS
5TH GRADE CLASSROOM 209 973 SF 47 OCCS
3RD GRADE CLASSROOM 207 923 SF 44 OCCS
3RD GRADE CLASSROOM 205 926 SF 44 OCCS
5TH GRADE CLASSROOM 203 918 SF 44 OCCS
4TH GRADE CLASSROOM 201 963 SF 46 OCCS
GIRL TOILET 199 261 SF
BOYS TOILET 197 260 SF
INSTRUMENT B-3 386 SF
34 LF
96 LF
CORRIDOR C105 3716 SF
57 LF
29 LF
129 LF
17 LF
VESTIBULE V105 81 SF
5TH GRADE CLASSROOM 210 875 SF 44 OCCS
4TH GRADE CLASSROOM 208 917 SF 46 OCCS
5TH GRADE CLASSROOM 206 876 SF 44 OCCS
4TH GRADE CLASSROOM 204 880 SF 44 OCCS
4TH GRADE CLASSROOM 202 880 SF 44 OCCS
3RD GRADE CLASSROOM 200 926 SF 47 OCCS
33 LF
18 LF
STORAGE 298 387 SF
FAN ROOM B-4 685 SF 3 OCCS
ART ROOM 300 998 SF 50 OCCS
27 LF
28 LF
SPEECH 301 659 SF 4 OCCS
OT/PT 302 512 SF 3 OCCS
COPY 320 203 SF
SPEECH 303 523 SF 4 OCCS
AIS 304 511 SF 4 OCCS
VESTIBULE V104 72 SF
STORAGE 303A 126 SF
TOILET 302B 45 SF
STORAGE 302A 77 SF 1 OCCS
STORAGE 401 111 SF
STORAGE 300A 102 SF
25 LF
12 LF
10 LF
LIBRARY 400 1787 SF 18 OCCS
CORRIDOR C104 1026 SF
COMPUTER 402 114 SF
DN
CLOSET 111B 72 SF
SPEECH 113 229 SF 2 OCCS
SPECIAL ED. CLASSROOM 111 932 SF 47 OCCS
TOILET 111A 82 SF
SPECIAL ED. CLASSROOM 109 854 SF 45 OCCS
1ST GRADE CLASSROOM 107 840 SF 42 OCCS
2ND GRADE CLASSROOM 105 840 SF 42 OCCS
2ND GRADE CLASSROOM 103 840 SF 42 OCCS
1ST GRADE CLASSROOM 101 878 SF 45 OCCS
STORAGE 99 361 SF
FAN ROOM 97 629 SF 2 OCCS
89 LF
CORRIDOR C101 6035 SF
VESTIBLUE V102 291 SF
2ND GRADE CLASSROOM 112 834 SF 42 OCCS
2ND GRADE CLASSROOM 110 883 SF 45 OCCS
31 LF
1ST GRADE CLASSROOM 108 842 SF 43 OCCS
1ST GRADE CLASSROOM 106 842 SF 43 OCCS
1ST GRADE CLASSROOM 104 842 SF 43 OCCS
3RD GRADE CLASSROOM 102 875 SF 44 OCCS
3RD GRADE CLASSROOM 100 787 SF 43 OCCS
STORAGE A-1B 208 SF
ENTRY LOBBY C101A 318 SF
22 LF
ENTRY VESTIBULE V101 172 SF
SAFE 10F 41 SF
MAIN OFFICE 10 1005 SF 7 OCCS
OFFICE 9A 249 SF 2 OCCS
OFFICE 9B 213 SF 2 OCCS
OFFICE 8 340 SF 3 OCCS
CONFERENCE 7 340 SF 3 OCCS
OFFICE 14A 91 SF 1 OCCS
FACULTY ROOM 14 495 SF 4 OCCS
WAITING 15E 83 SF 1 OCCS
NURSES OFFICE 15 374 SF 3 OCCS
OFFICE 15A 137 SF 1 OCCS
COT ROOM 15B 144 SF 1 OCCS
VESTIBULE V107 72 SF
CALMING ROOM 16 215 SF 1 OCCS
STAIR S1 144 SF
30 LF
43 LF
76 LF
52 LF
14 LF
27 LF
CORRIDOR C103 165 SF
CUSTODIAN 18 123 SF 1 OCCS
CLASSROOM 5 1042 SF 52 OCCS
CLASSROOM 3 1039 SF 52 OCCS
CLASSROOM 1 1048 SF 52 OCCS
VESTIBULE V103 55 SF
CLASSROOM 4 1049 SF 52 OCCS
CLASSROOM 2 1048 SF 52 OCCS
CORRIDOR C102 246 SF
OFFICE 21D 95 SF 1 OCCS
STORAGE 21E 87 SF 1 OCCS
STORAGE 24 255 SF 1 OCCS
LOCKERS 21F 80 SF
STORAGE 6C 71 SF
STORAGE 6B 72 SF
STORAGE 6A 74 SF
PASSAGE 6V 94 SF
38 LF
20 LF
MUSIC ROOM 6 1038 SF 52 OCCS
STAGE 20A 946 SF
CAFETERIA/ASSEMBLY 20 3294 SF 275 OCCS
SERVING AREA 21G 644 SF 3 OCCS
KITCHEN 21 727 SF 5 OCCS
STORAGE 22 147 SF
WALK-IN FREEZER WIF 88 SF
WALK-IN COOLER WIC 87 SF
ELEC. 21A1 63 SF 1 OCCS
DOOR CAPACITY OCCS 11 EWR 3" EWP 70"
DOOR CAPACITY OCCS 52 EWR 11" EWP 34"
DOOR CAPACITY OCCS 0 EWR 0" EWP 68"
DOOR CAPACITY OCCS 12 EWR 3" EWP 38"
DOOR CAPACITY OCCS 0 EWR 0" EWP 70"
DOOR CAPACITY OCCS 304 EWR 61" EWP 75"
FEC
DH
P
S
R
D

1 GROUND FLOOR - LIFE SAFETY PLAN

LS111 3/64" = 1'-0"

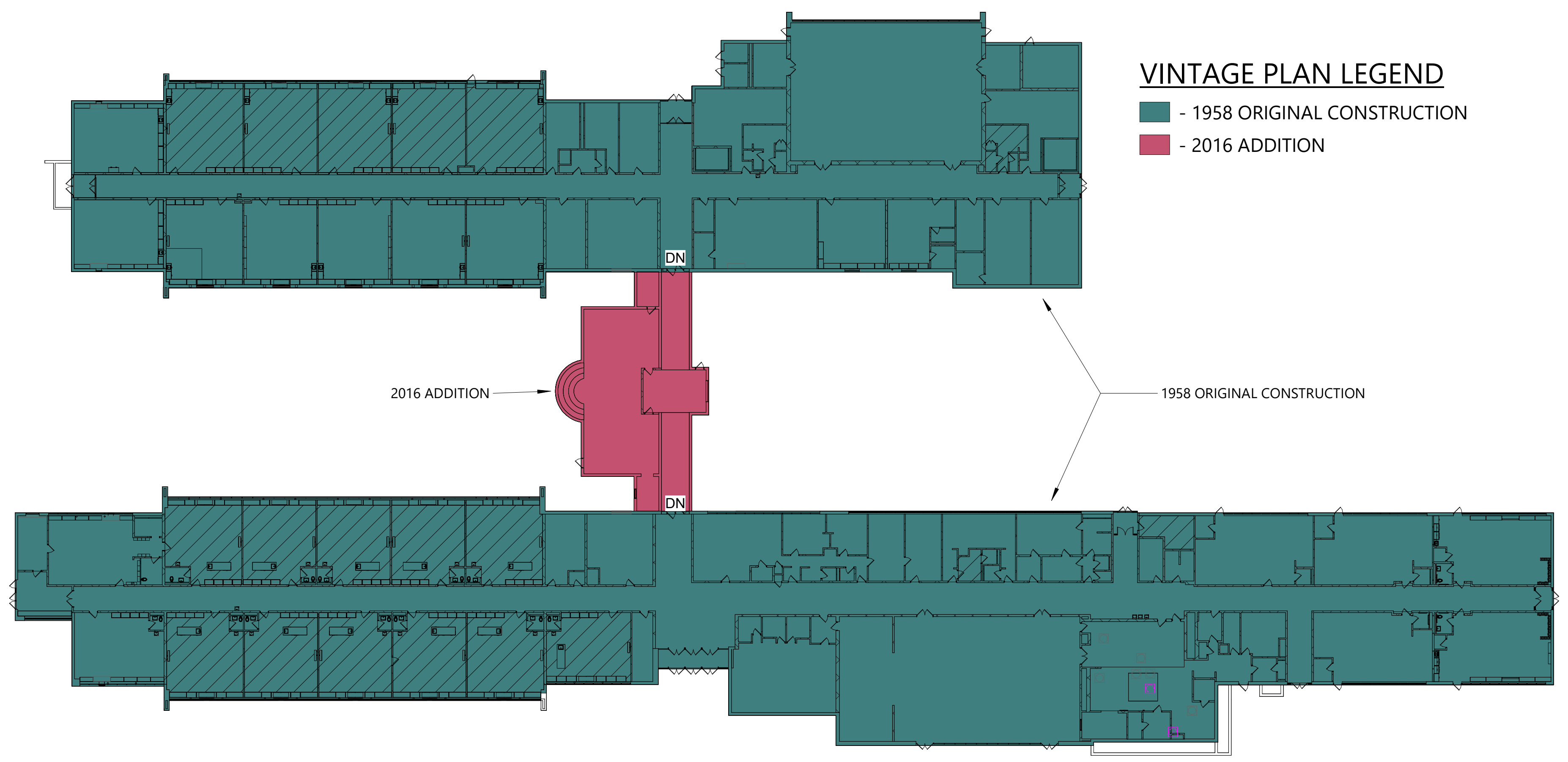

DN
SMOKE ZONE 1: 30,578 SQ.FT.
SMOKE ZONE 2: 3,524 SQ.FT.
SMOKE ZONE 3: 42,507 SQ.FT.

FIRE/SMOKE ZONE LEGEND

- 🟦 - SMOKE ZONE 1
- 🟥 - SMOKE ZONE 2
- 🟧 - SMOKE ZONE 3

2 GROUND FLOOR - FIRE/SMOKE ZONE PLAN

LS111 1" = 40'-0"



VINTAGE PLAN LEGEND

- 🟩 - 1958 ORIGINAL CONSTRUCTION
- 🟥 - 2016 ADDITION

3 GROUND FLOOR - VINTAGE PLAN

LS111 1" = 40'-0"

CODE NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO THE APPLICABLE PROVISIONS OF THE FOLLOWING:

- NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE
- 2020 BUILDING CODES OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2017 ELECTRICAL CODE OF NEW YORK STATE
- 2022 MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT

SMOKE SEPARATION NOTES

PER S.E.D. S-105-1.a - FLOORS SMOKE SEPARATED

PER S.E.D. S-105-2 - SMOKE ZONES & SMOKE BARRIERS

A. SMOKE BARRIER ARE REQUIRED TO DIVIDE A BUILDING INTO SEPARATE SMOKE ZONES TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE AND FUMES.

B. SEPARATE FIRE AREAS AND SEPARATE BUILDING AREAS ARE SEPARATE SMOKE ZONES.

LIFE SAFETY PLAN LEGEND

P▷	PRIMARY EXIT
S▷	SECONDARY EXIT
R▷	RESCUE WINDOW (SECONDARY EXIT)
♿	ACCESSIBLE EXIT
♿	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (## OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
DOOR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
STAIR CAPACITY OCCS - EWR - EWP -	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
⊛→	EXIT PATH OF TRAVEL (START - END)
⊗	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
⊗	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED	AUTOMATED EXTERNAL DEFIBRILLATOR
DF	DRINKING FOUNTAIN
ESE	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FEC	FIRE EXTINGUISHER CABINET

ROOF NEW WORK LEGEND

▨	ROOF PATCHING AND NEW ROOF FLASHING
▒	EXISTING ROOF TO REMAIN. N.I.C.

FIRE SEPARATION LEGEND

🟦	1 HOUR RATED FIRE PARTITION
🟥	1 HOUR RATED FIRE BARRIER
🟥	2 HOUR RATED FIRE BARRIER
🟧	2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1958
CONSTRUCTION TYPE:	TYPE IIB
BASEMENT AREA:	7,860 SF GROSS
FIRST FLOOR AREA:	73,085 SF GROSS
ADDITION CONSTRUCTION:	2016
CONSTRUCTION TYPE:	TYPE IIB
FIRST FLOOR ADDITION AREA:	3,521SF GROSS

CLASSIFICATION OF WORK:

▨	LEVEL 1 ALTERATION
▒	LEVEL 2 ALTERATION

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUISNESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

STRUCTURAL LOAD

RISK CATAGORY: III	
DEAD LOADS:	
CONCRETE SLAB	XXX PSF
LIVE LOADS:	
SLAB	XXX PSF
RAIN LOADS:	
15-MINUTE RAINFALL INTENSITY	X.XX IN./H
60-MINUTE RAINFALL INTENSITY	X.XX IN./H
SNOW LOADS:	
GROUND SNOW LOAD	XX PSF
FLAT ROOF SNOW LOAD	XX.X PSF
SLOPED ROOF SNOW LOAD	XXX
WIND LOADS:	
ULTIMATE WIND SPEED	XXX MPH
EXPOSURE CATEGORY	X
SEISMIC DESIGN DATA:	
SITE CLASS	X
SEISMIC DESIGN CATEGORY	X

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$
$I_f = [2{,}627/2{,}627 - 0.25]\ 30/30$
$I_f = [0.75]\ 1.00$
$I_f = 0.75$

$A_a = A_t + (NS \times I_f)$
$A_a = 14{,}500 + (14{,}500 \times 0.75)$
$A_a = 14{,}500 + (10{,}875)$
$A_a = 25{,}375$ sq ft

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Consultant

Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 023344 STATE OF NEW YORK

Registration Expiration: 02/29/2028

#	DATE	DESCRIPTION

Drawn By:	SI/KS/CM
Checked By:	DM
Proj. #:	44-01-02-06-0-002-019
CSArch Proj. #:	228-2401.02
Issued for Bid:	09/22/25

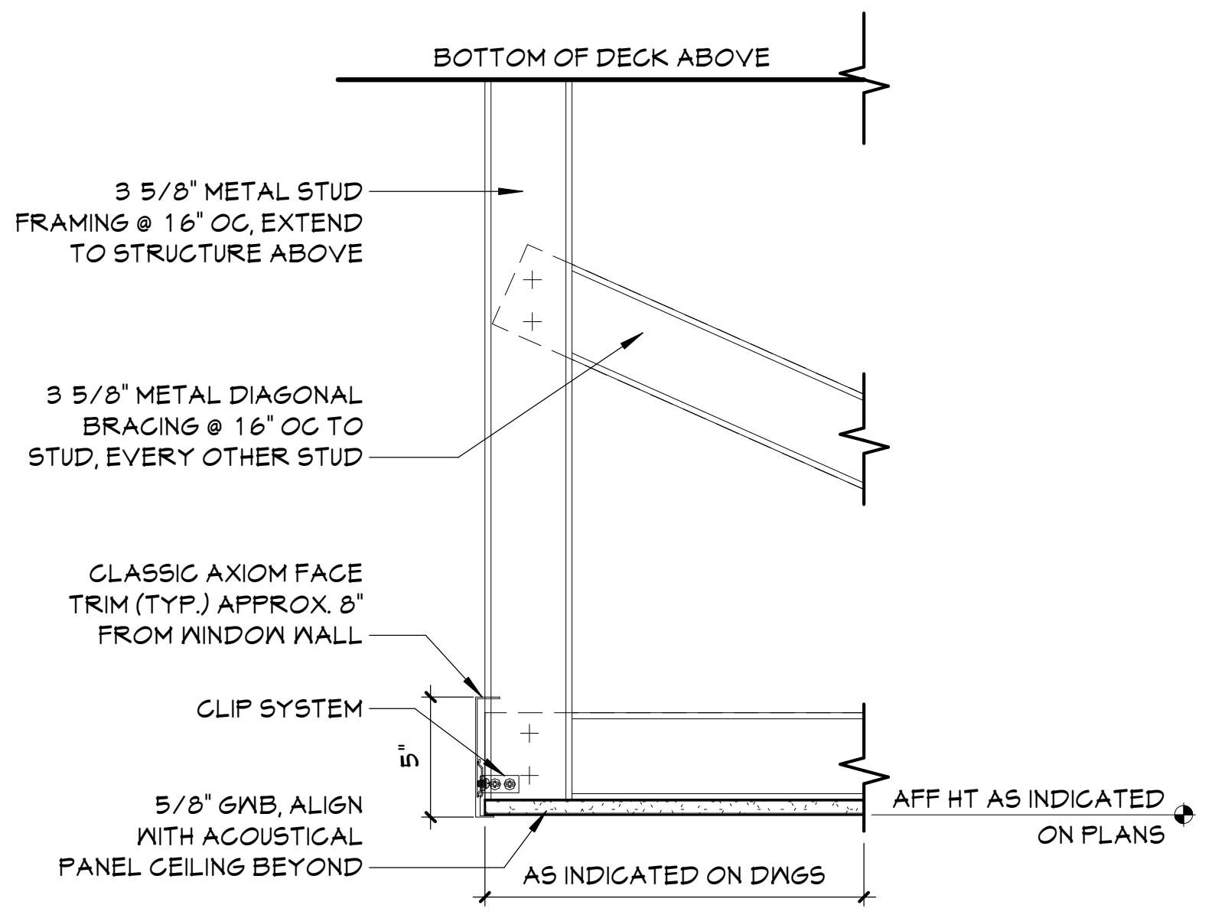
Sheet Title

LIFE SAFETY
PLAN &
DIAGRAMS

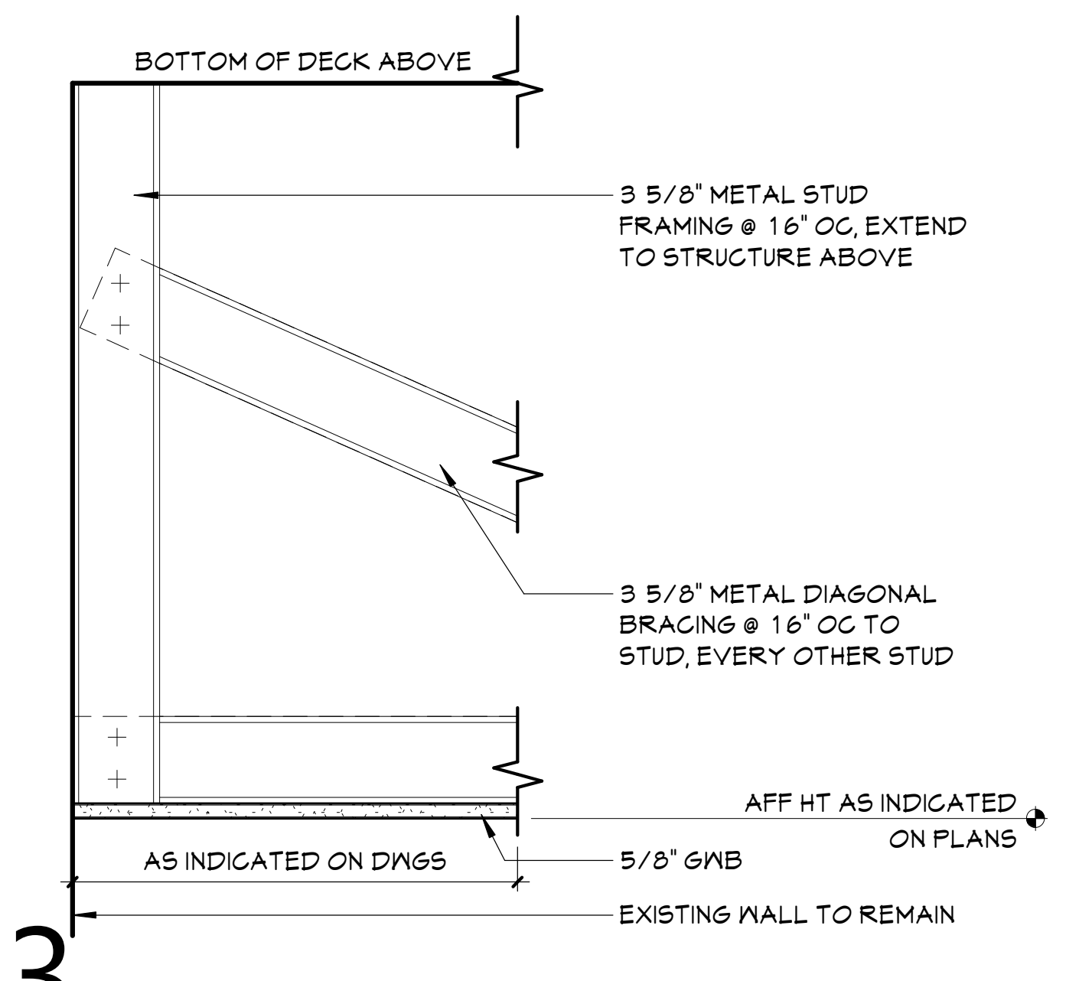
Sheet No.

TES
LS111

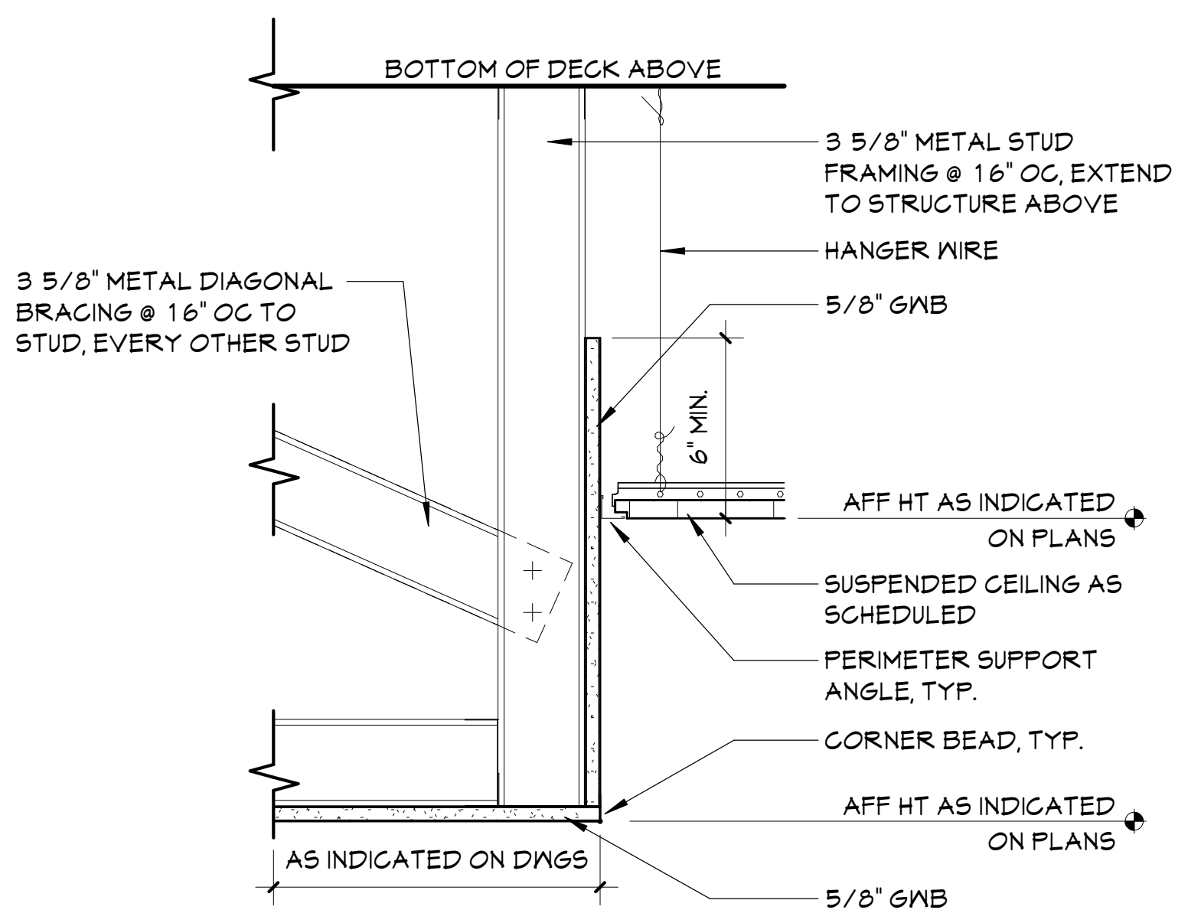
CONSTRUCTION DOCUMENTS


BOTTOM OF DECK ABOVE
3 5/8" METAL STUD FRAMING @ 16" OC, EXTEND TO STRUCTURE ABOVE
3 5/8" METAL DIAGONAL BRACING @ 16" OC TO STUD, EVERY OTHER STUD
CLASSIC AXIOM FACE TRIM (TYP.) APPROX. 8" FROM WINDOW WALL
CLIP SYSTEM
5"
5/8" GWB, ALIGN WITH ACOUSTICAL PANEL CEILING BEYOND
AS INDICATED ON DWGS
AFF HT AS INDICATED ON PLANS

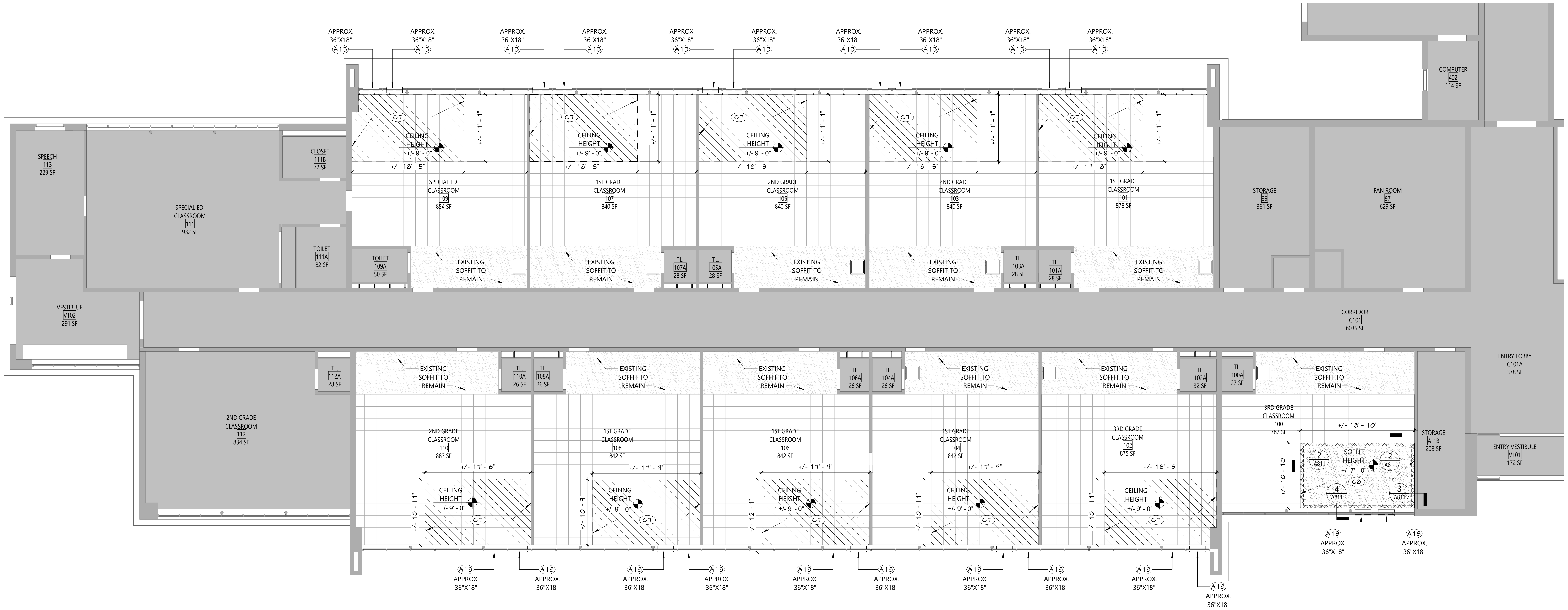
4 DETAIL - SOFFIT AT WINDOW
A811 1 1/2" = 1'-0"


BOTTOM OF DECK ABOVE
3 5/8" METAL STUD FRAMING @ 16" OC, EXTEND TO STRUCTURE ABOVE
3 5/8" METAL DIAGONAL BRACING @ 16" OC TO STUD, EVERY OTHER STUD
AFF HT AS INDICATED ON PLANS
AS INDICATED ON DWGS
5/8" GWB
EXISTING WALL TO REMAIN

3 DETAIL - SOFFIT AT WALL
A811 1 1/2" = 1'-0"


BOTTOM OF DECK ABOVE
3 5/8" METAL STUD FRAMING @ 16" OC, EXTEND TO STRUCTURE ABOVE
HANGER WIRE
3 5/8" METAL DIAGONAL BRACING @ 16" OC TO STUD, EVERY OTHER STUD
5/8" GWB
6" MIN.
AFF HT AS INDICATED ON PLANS
SUSPENDED CEILING AS SCHEDULED
PERIMETER SUPPORT ANGLE, TYP.
CORNER BEAD, TYP.
AFF HT AS INDICATED ON PLANS
AS INDICATED ON DWGS
5/8" GWB

2 DETAIL - SOFFIT AT ACP CEILING
A811 1 1/2" = 1'-0"



1 REFLECTED CEILING PLAN - AREA A
A811 1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, FRAME, AND GLAZING SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING NEW WORK LEGEND

▨	EXISTING CEILING TO REMAIN
▨	EXISTING PLASTER CEILING TO REMAIN
▨	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN
▨	NEW GWB CEILING
☐	NEW SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
+X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

☐	2'X4' LIGHT FIXTURE
☐	2'X2' LIGHT FIXTURE
☐	1'X LIGHT FIXTURE
○	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
S	CEILING MOUNTED PA SPEAKER
J	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

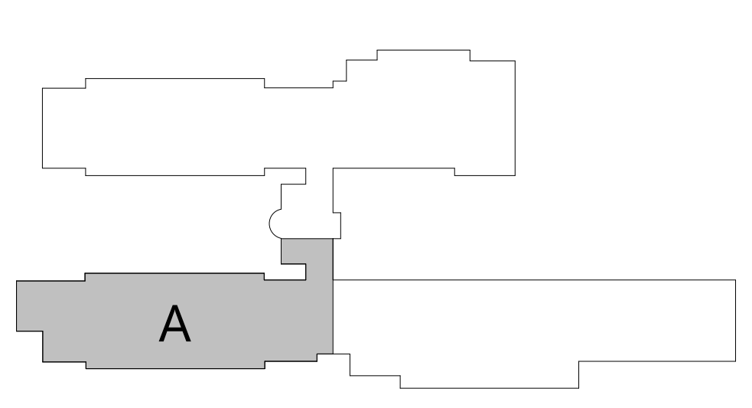
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

☒	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

#	DESCRIPTION
A13	REMOVE EXISTING ACTUATOR AND GLAZING UNIT FROM OPERABLE TRANSOM AT TOP OF WINDOW SYSTEM BY REMOVING EXISTING HINGES, FASTENERS, SEALS, ETC. PROVIDE 1" MIN. INSULATED PANEL WITH FINISHED EXTERIOR FACE WHERE OPERABLE GLAZING UNIT WAS REMOVED. INSTALL NEW LOUVER, FURNISHED BY MC, INTO NEW INSULATED PANEL. PROVIDE MINIMUM 1" OF EXPOSED INSULATED PANEL AROUND NEW LOUVER. TYPICAL OF 2 PER CLASSROOM. COORDINATE WORK WITH MECHANICAL DRAWINGS.
C7	REMOVE EXISTING ACOUSTICAL CEILING SYSTEM, INCLUDING SELECT PANELS AND GRIDS, AS REQUIRED TO ACCOMMODATE ABOVE CEILING MECHANICAL AND ELECTRICAL WORK. MODIFY EXISTING ACOUSTICAL CEILING SYSTEM INCLUDING PANELS AND GRIDS AND REINSTALL AFTER MECHANICAL AND ELECTRICAL WORK IS COMPLETE. PROVIDE NEW PANELS AND GRIDS AS REQUIRED IF EXISTING SYSTEMS ARE DAMAGED OR ARE IN NEED OF REPAIR AFTER MODIFICATION AND REINSTALLATION. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
C8	REMOVE EXISTING ACOUSTICAL CEILING SYSTEM, INCLUDING SELECT PANELS AND GRIDS, TO EXTENT SHOWN, TO ACCOMMODATE ABOVE CEILING MECHANICAL AND ELECTRICAL WORK. PROVIDE NEW PAINTED GYPSUM WALL BOARD SOFFIT BELOW EXISTING CEILING SYSTEM TO CONCEAL MECHANICAL AND ELECTRICAL WORK ABOVE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS. REFER TO DETAILS FOR ADDITIONAL INFORMATION.

KEY PLAN



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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

THOMAS M. RITZENTHALER
023344
Registration Expiration: 02/29/2028

#	DATE	DESCRIPTION

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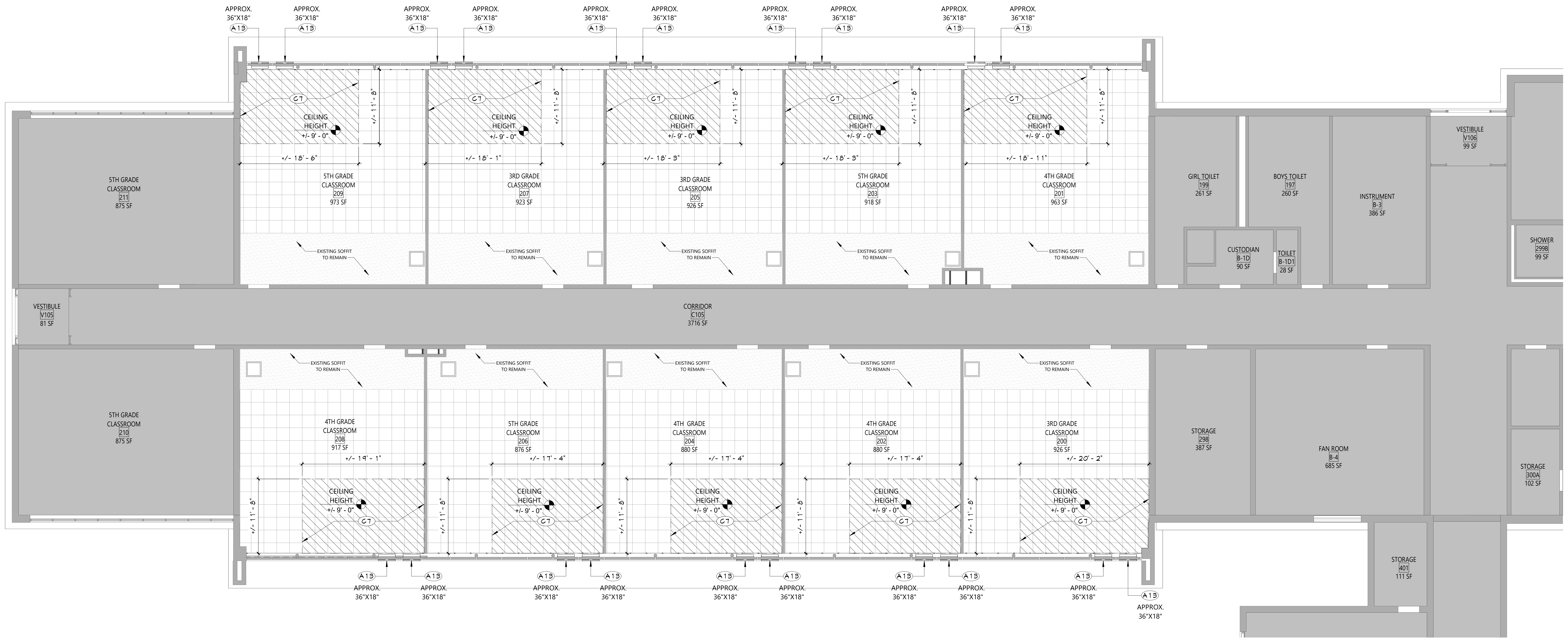
Checked By:	DM
Proj. #:	44-01-02-06-0-002-019
CSArch Proj. #:	228-2401.02
Issued for Bid:	09/22/25

Sheet Title
REFLECTED CEILING PLAN - AREA A

Sheet No.
TES
A811

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/228-2401 TAFT ES Ph2 - ARCH.rvt


APPROX.
36"X18"
A13
C7
CEILING HEIGHT +/- 9' - 0"
+/- 11' - 8"
+/- 18' - 6"
+/- 18' - 1"
+/- 18' - 3"
+/- 18' - 3"
+/- 18' - 11"
+/- 19' - 1"
+/- 17' - 4"
+/- 17' - 4"
+/- 17' - 4"
+/- 20' - 2"
EXISTING SOFFIT TO REMAIN
5TH GRADE CLASSROOM 211 875 SF
5TH GRADE CLASSROOM 209 973 SF
3RD GRADE CLASSROOM 207 923 SF
3RD GRADE CLASSROOM 205 926 SF
5TH GRADE CLASSROOM 203 918 SF
4TH GRADE CLASSROOM 201 963 SF
GIRL TOILET 199 261 SF
BOYS TOILET 197 260 SF
CUSTODIAN B-1D 90 SF
TOILET B-1D1 28 SF
INSTRUMENT B-3 386 SF
VESTIBULE V106 99 SF
SHOWER 299B 99 SF
VESTIBULE V105 81 SF
CORRIDOR C105 3716 SF
5TH GRADE CLASSROOM 210 875 SF
4TH GRADE CLASSROOM 208 917 SF
5TH GRADE CLASSROOM 206 876 SF
4TH GRADE CLASSROOM 204 880 SF
4TH GRADE CLASSROOM 202 880 SF
3RD GRADE CLASSROOM 200 926 SF
STORAGE 298 387 SF
FAN ROOM B-4 685 SF
STORAGE 300A 102 SF
STORAGE 401 111 SF

1 REFLECTED CEILING PLAN - AREA C
A813 1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, FRAME, AND GLAZING SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING NEW WORK LEGEND

▭	EXISTING CEILING TO REMAIN
▒	EXISTING PLASTER CEILING TO REMAIN
▥	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN
░	NEW GWB CEILING
▥	NEW SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
◐ +X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
□	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
○	RECESSED DOWN LIGHT
⊗	CEILING MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
S	CEILING MOUNTED SMOKE DETECTOR
H	CEILING MOUNTED HEAT DETECTOR
Ⓢ	CEILING MOUNTED PA SPEAKER
Ⓙ	CEILING MOUNTED SECURITY J-BOX
MS	CEILING MOUNTED MOTION SENSOR
▽	CEILING MOUNTED DATA J-BOX

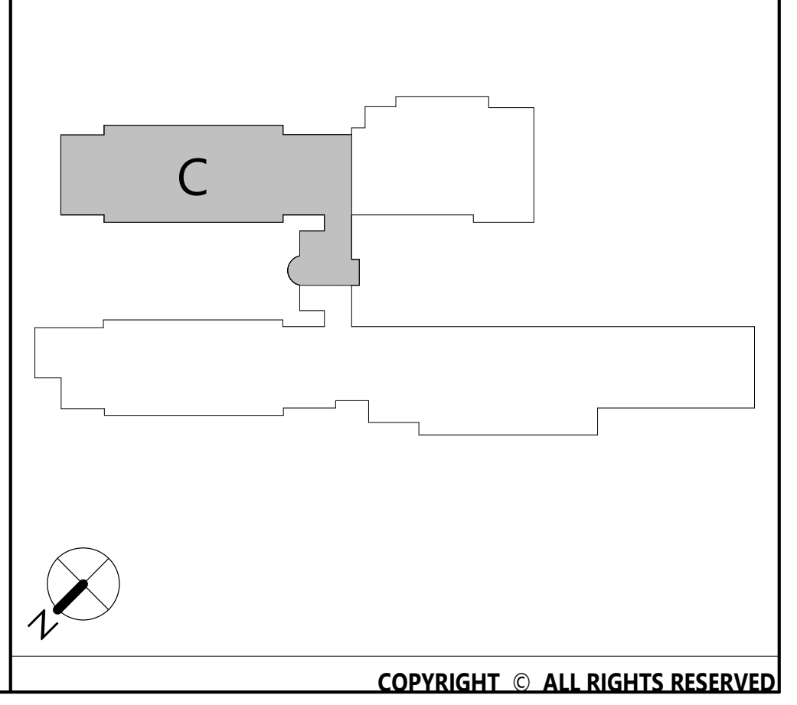
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

⊠	HVAC SUPPLY GRILLE
⧄	HVAC RETURN GRILLE

NEW WORK KEYNOTES

#	DESCRIPTION
A13	REMOVE EXISTING ACTUATOR AND GLAZING UNIT FROM OPERABLE TRANSOM AT TOP OF WINDOW SYSTEM BY REMOVING EXISTING HINGES, FASTENERS, SEALS, ETC. PROVIDE 1" MIN. INSULATED PANEL WITH FINISHED EXTERIOR FACE WHERE OPERABLE GLAZING UNIT WAS REMOVED. INSTALL NEW LOUVER, FURNISHED BY MC, INTO NEW INSULATED PANEL. PROVIDE MINIMUM 1" OF EXPOSED INSULATED PANEL AROUND NEW LOUVER. TYPICAL OF 2 PER CLASSROOM. COORDINATE WORK WITH MECHANICAL DRAWINGS.
C7	REMOVE EXISTING ACOUSTICAL CEILING SYSTEM, INCLUDING SELECT PANELS AND GRIDS, AS REQUIRED TO ACCOMMODATE ABOVE CEILING MECHANICAL AND ELECTRICAL WORK. MODIFY EXISTING ACOUSTICAL CEILING SYSTEM INCLUDING PANELS AND GRIDS AND REINSTALL AFTER MECHANICAL AND ELECTRICAL WORK IS COMPLETE. PROVIDE NEW PANELS AND GRIDS AS REQUIRED IF EXISTING SYSTEMS ARE DAMAGED OR ARE IN NEED OF REPAIR AFTER MODIFICATION AND REINSTALLATION. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.

KEY PLAN



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Consultant

Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

THOMAS M. RITZENTHALER
023344
Registration Expiration: 02/29/2028

#	DATE	DESCRIPTION

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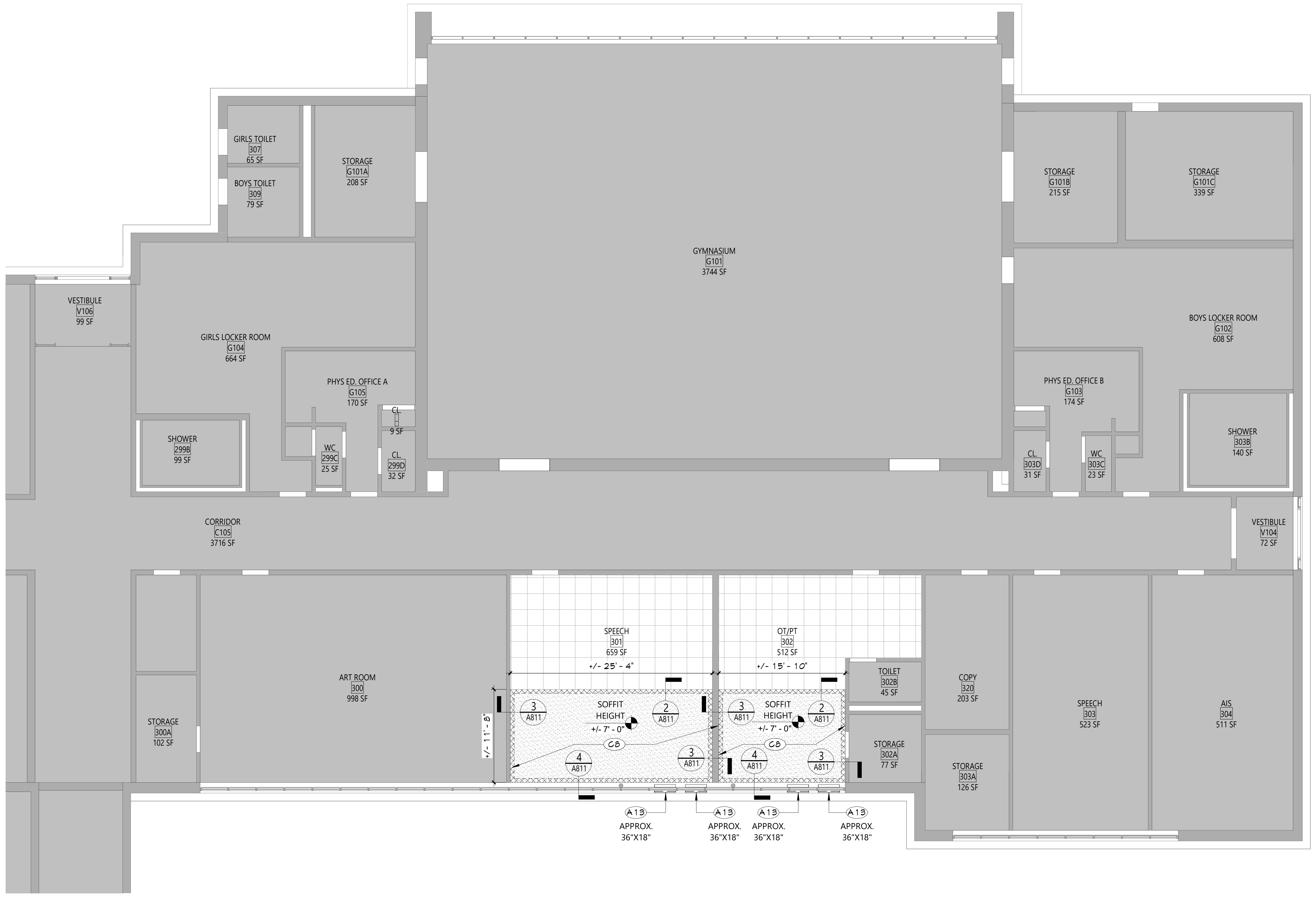
Sheet Title
REFLECTED CEILING PLAN - AREA C

Sheet No.
TES A813

CONSTRUCTION DOCUMENTS



1 REFLECTED CEILING PLAN - AREA D

A814 1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, FRAME, AND GLAZING SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING NEW WORK LEGEND

▭	EXISTING CEILING TO REMAIN
▨	EXISTING PLASTER CEILING TO REMAIN
▦	EXISTING SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN
▨	NEW GWB CEILING
▦	NEW SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
◐ +X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

▭	2'x4' LIGHT FIXTURE
▢	2'x2' LIGHT FIXTURE
▭	1'x LIGHT FIXTURE
⌖	PENDANT LIGHT FIXTURE
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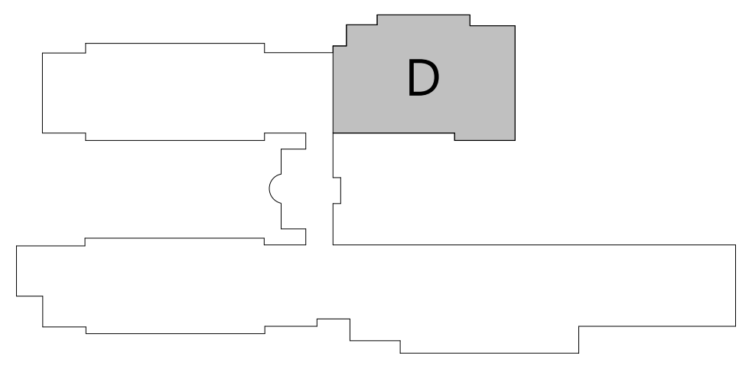
A13	REMOVE EXISTING ACTUATOR AND GLAZING UNIT FROM OPERABLE TRANSOM AT TOP OF WINDOW SYSTEM BY REMOVING EXISTING HINGES, FASTENERS, SEALS, ETC. PROVIDE 1" MIN. INSULATED PANEL WITH FINISHED EXTERIOR FACE WHERE OPERABLE GLAZING UNIT WAS REMOVED. INSTALL NEW LOUVER, FURNISHED BY MC, INTO NEW INSULATED PANEL. PROVIDE MINIMUM 1" OF EXPOSED INSULATED PANEL AROUND NEW LOUVER. TYPICAL OF 2 PER CLASSROOM. COORDINATE WORK WITH MECHANICAL DRAWINGS.
C8	REMOVE EXISTING ACOUSTICAL CEILING SYSTEM, INCLUDING SELECT PANELS AND GRIDS, TO EXTENT SHOWN, TO ACCOMMODATE ABOVE CEILING MECHANICAL AND ELECTRICAL WORK. PROVIDE NEW PAINTED GYPSUM WALL BOARD SOFFIT BELOW EXISTING CEILING SYSTEM TO CONCEAL MECHANICAL AND ELECTRICAL WORK ABOVE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS. REFER TO DETAILS FOR ADDITIONAL INFORMATION.

KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

THOMAS M. FITZENTHALER 023344

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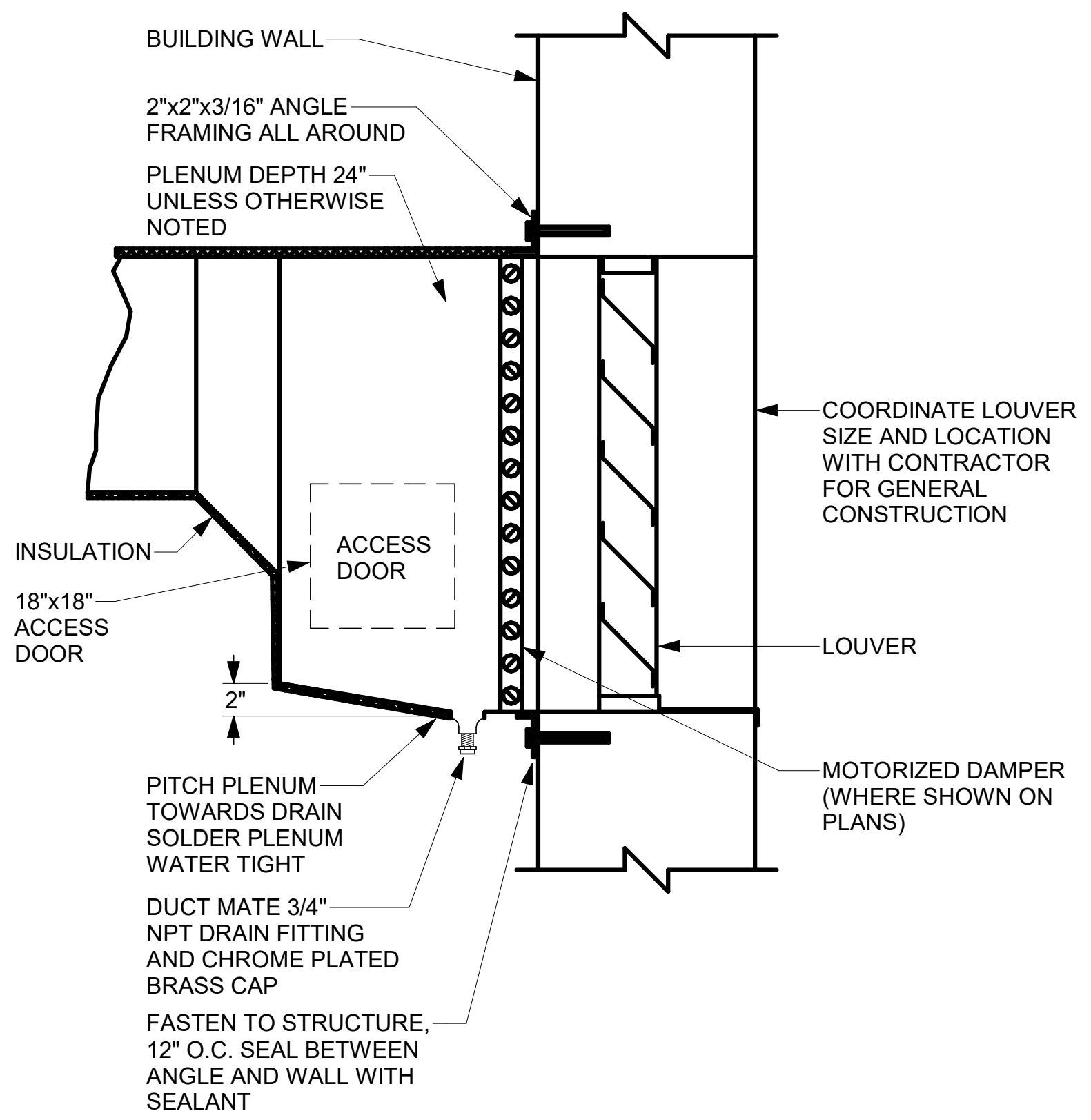
Sheet Title

REFLECTED CEILING PLAN - AREA D

Sheet No.

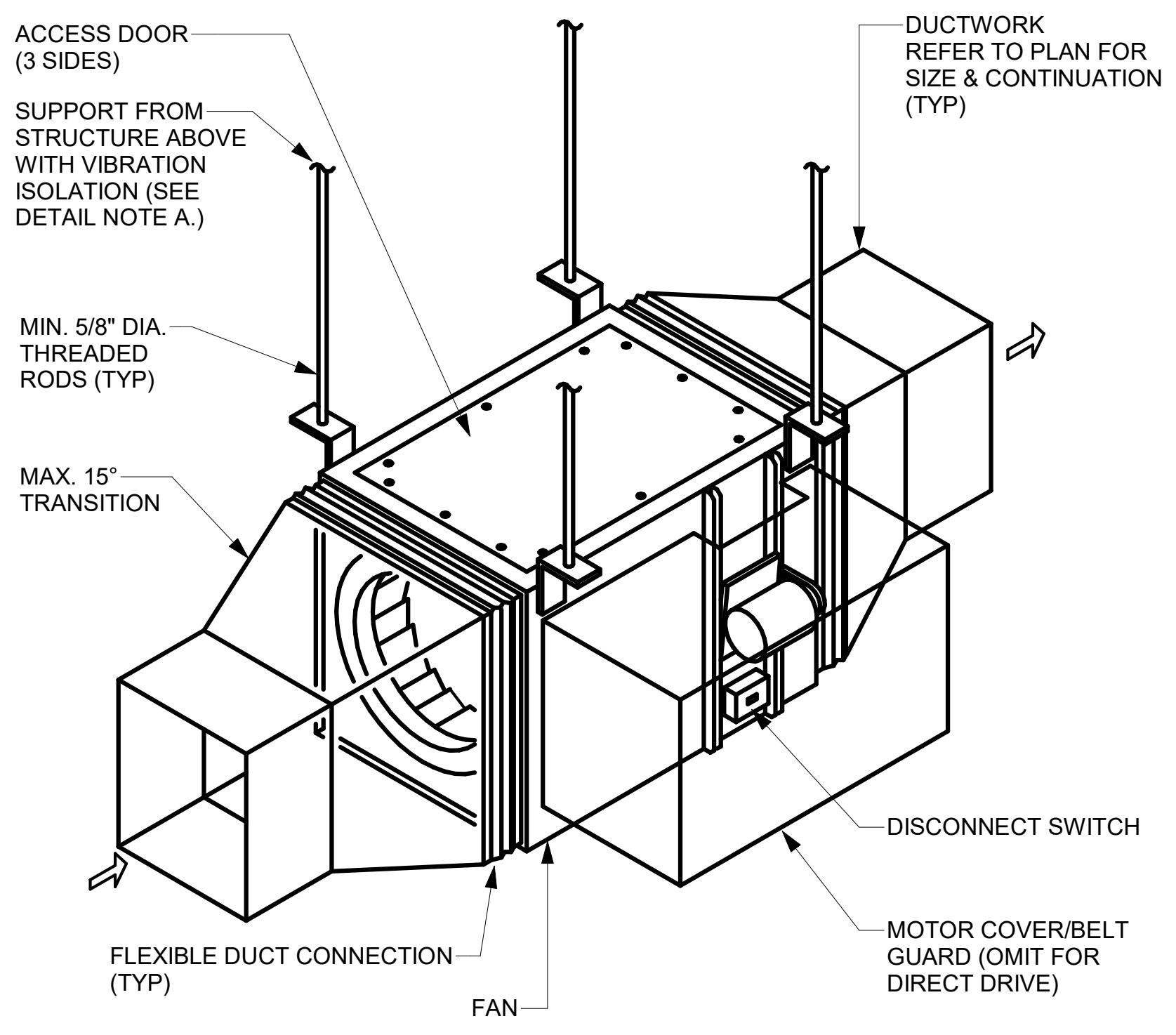
TES A814

CONSTRUCTION DOCUMENTS


BUILDING WALL
2"x2"x3/16" ANGLE FRAMING ALL AROUND
PLENUM DEPTH 24" UNLESS OTHERWISE NOTED
ACCESS DOOR
INSULATION
18"x18" ACCESS DOOR
2"
COORDINATE LOUVER SIZE AND LOCATION WITH CONTRACTOR FOR GENERAL CONSTRUCTION
LOUVER
MOTORIZED DAMPER (WHERE SHOWN ON PLANS)
PITCH PLENUM TOWARDS DRAIN SOLDER PLENUM WATER TIGHT
DUCT MATE 3/4" NPT DRAIN FITTING AND CHROME PLATED BRASS CAP
FASTEN TO STRUCTURE, 12" O.C. SEAL BETWEEN ANGLE AND WALL WITH SEALANT

② LOUVER PLENUM DETAIL

NOT TO SCALE


ACCESS DOOR (3 SIDES)
SUPPORT FROM STRUCTURE ABOVE WITH VIBRATION ISOLATION (SEE DETAIL NOTE A.)
MIN. 5/8" DIA. THREADED RODS (TYP)
MAX. 15° TRANSITION
DUCTWORK REFER TO PLAN FOR SIZE & CONTINUATION (TYP)
DISCONNECT SWITCH
MOTOR COVER/BELT GUARD (OMIT FOR DIRECT DRIVE)
FLEXIBLE DUCT CONNECTION (TYP)
FAN

DETAIL NOTES:

A. VIBRATION ISOLATORS SHALL BE PROVIDED AS SPECIFIED AND IN ACCORDANCE WITH THE FAN MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATION 230548 - VIBRATION ISOLATION OF MECHANICAL SYSTEMS.

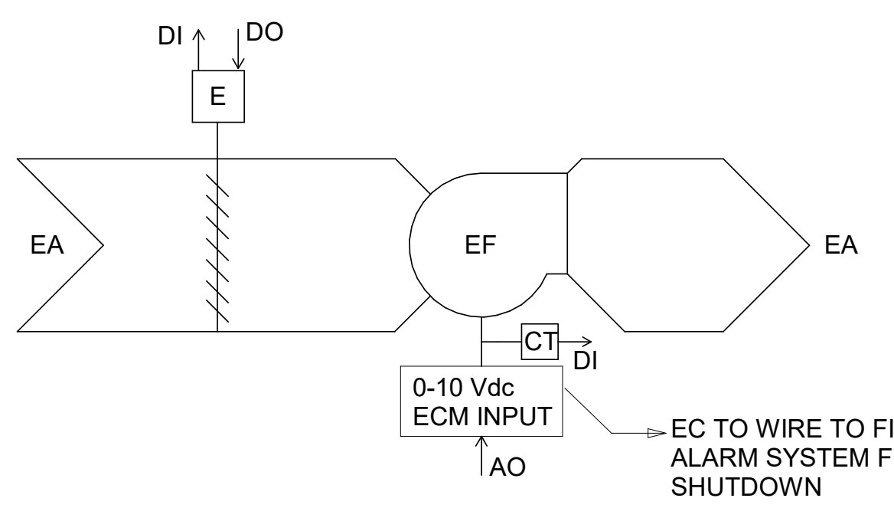
B. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS EXPLICITLY.

C. ORIENT SUCH THAT ACCESS TO MOTOR IS NOT OBSTRUCTED.

D. DETAIL ABOVE DEPICTS SQUARE TYPE IN-LINE EXHAUST FAN. TUBULAR TYPE IS SIMILAR.

③ INLINE FAN DETAIL

NOT TO SCALE



SYSTEM SUMMARY	INPUT		OUTPUT			
	ANALOG	DIGITAL	ANALOG	DIGITAL	ALARM	TREND
FAN SPEED			X		X	X
FAN STATUS		X			X	X
DAMPER COMMAND				X		X
DAMPER STATUS		X			X	X

EXHAUST FAN CONTROLS SEQUENCE:

A. RUN CONDITIONS - WHEN THE BUILDING IS SCHEDULED TO BE OCCUPIED, THE DDC SHALL OPEN THE EXHAUST AIR DAMPER AND START THE EXHAUST FAN BY PROVIDING A SIGNAL TO THE ECM FAN MOTOR NECESSARY TO EXHAUST THE MINIMUM OUTSIDE AIR FLOW RATE. THE FAN SHALL THEN MODULATE TO TRACK THE OUTSIDE AIR DAMPER ON THE ASSOCIATED UNIT VENTILATOR. THE DDC SIGNAL SHALL NOT ALLOW FOR THE FAN TO FALL BELOW THE MINIMUM VENTILATION RATE OR EXCEED THE MAXIMUM VENTILATION RATE OF THE ASSOCIATED UNIT VENTILATOR.

B. THE FAN SHALL REMAIN ON AND THE EXHAUST DAMPER OPEN UNTIL THE BUILDING IS SCHEDULED TO BE UNOCCUPIED.

C. WHEN THE BUILDING IS SCHEDULED TO BE UNOCCUPIED, THE DDC SHALL STOP THE EXHAUST FAN, AND THE EXHAUST AIR DAMPER SHALL CLOSE. THE FAN SHALL REMAIN OFF AND THE DAMPER CLOSED UNTIL THE BUILDING IS SCHEDULED TO BE OCCUPIED.

D. THE EXHAUST FAN SHALL SHUT DOWN AND GENERATE AN ALARM UPON A SIGNAL FROM THE FIRE ALARM SYSTEM.

E. ALARMS:
   1. OUTSIDE AIR DAMPER FAILURE: COMMANDED OPEN, BUT THE STATUS IS CLOSED
   2. OUTSIDE AIR DAMPER IN HAND: COMMANDED CLOSED, BUT THE STATUS IS OPEN
   3. SUPPLY FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF
   4. SUPPLY FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON
   5. SUPPLY FAN RUNTIME EXCEEDED: STATUS RUNTIME EXCEEDS A USER DEFINABLE LIMIT (ADJ.)
   6. EMERGENCY SHUTDOWN (THE UNIT SHALL SHUTDOWN AND GENERATE AN ALARM UPON RECEIVING AN EMERGENCY SHUTDOWN SIGNAL)

④ SINGLE CLASSROOM RELIEF EXHAUST CONTROL SEQUENCE

NTS

CONTROLS SYMBOL LIST

SYMBOL	DESCRIPTION
↑ DI	DIGITAL INPUT (GENERAL)
← DO	DIGITAL OUTPUT (GENERAL)
↑ AI	ANALOG INPUT (GENERAL)
← AO	ANALOG OUTPUT (GENERAL)
	THERMOWELL
A	ALARM
E	ELECTRIC ACTUATOR
FZ	FREEZE-STAT
H	HUMIDIFIER
R	RELAY
S	STATUS
M	FLOW METER
BTU	BTU ENERGY METER
	AIR FLOW MEASURING STATION
	AVERAGING SENSOR
H	HUMIDITY SENSOR (DUCT MOUNTED)
S	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
CO 2	CARBON DIOXIDE SENSOR (DUCT MOUNTED)
S	SPACE TEMPERATURE SENSOR (WALL MOUNTED)
H	SPACE HUMIDITY SENSOR (WALL MOUNTED)
C	CARBON DIOXIDE ROOM SENSOR (WALL MOUNTED)
CO	CARBON MONOXIDE ROOM SENSOR (WALL MOUNTED)
N	NITROGEN DIOXIDE ROOM SENSOR (WALL MOUNTED)
T	PNEUMATIC THERMOSTAT
T E	LINE VOLTAGE THERMOSTAT
OS	OCCUPANCY SENSOR
M	MOISTURE SENSOR
——●	PROBE SENSOR
FS	FLOW SENSOR/SWITCH
ES	END SWITCH
S M	MANUAL SWITCH
ΔP	DIFFERENTIAL STATIC PRESSURE SWITCH
ΔP	DIFFERENTIAL STATIC PRESSURE SENSOR
E/P	ELECTRIC/PNEUMATIC SWITCH OR RELAY
P/E	PNEUMATIC/ELECTRIC SWITCH OR RELAY
F	FLOW TRANSMITTER TRANSDUCER
P	PRESSURE SENSOR

SYMBOL	DESCRIPTION
DSD	DUCT SMOKE DETECTOR
CT	CURRENT TRANSDUCER
I/P	ELECTRIC/PNEUMATIC TRANSDUCER
I/E	ELECTRONIC/ELECTRIC TRANSDUCER
☒	ELECTRICAL INTERFACE
S/S	START/STOP
O/C	OPEN/CLOSE
E/D	ENABLE/DISABLE
	HARD WIRE INTERFACE
I	ELECTRONIC INTERFACE
	PNEUMATIC CONTROL VALVE (3-WAY)
	PNEUMATIC CONTROL VALVE (2-WAY)
E	ELECTRIC/ELECTRONIC CONTROL VALVE (3-WAY)
E	ELECTRIC/ELECTRONIC CONTROL VALVE (2-WAY)
S	SOLENOID VALVE
	THERMOSTATIC EXPANSION VALVE
	AUTOMATIC AIR DAMPER (PARALLEL BLADE)
	AUTOMATIC AIR DAMPER (OPPOSED BLADE)
	PNEUMATIC ACTUATOR
M	MAIN TEMPERATURE CONTROL AIR SOURCE
EA	EXHAUST AIR
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
SF	SUPPLY FAN
SC	SMOKE CONTROL FAN
RF	RETURN AIR FAN
EF	EXHAUST AIR FAN
	FILTER
	BASE MOUNTED PUMP
	IN LINE PUMP
ASD	ADJUSTABLE SPEED DRIVE
C/C	COOLING COIL
H/C	HEATING COIL
HR/C	HEAT RECOVERY COIL
R134a →	REFRIGERANT R134a SENSOR (WALL MOUNTED)

GENERAL NOTES

(APPLIES TO ALL SHEETS)

A. ALL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL RISES, DROPS, OFFSETS, AND/OR ROUTING TO AVOID OBSTRUCTIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK AND ANY ADDITIONAL MATERIAL QUANTITIES REQUIRED BASED ON FIELD CONDITIONS. REFER TO ARCHITECTURAL/STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF BUILDING STRUCTURAL ELEMENTS.

B. THE EXTENT OF REMOVALS AND EXISTING CONDITIONS INDICATED IS BASED ON INFORMATION PROVIDED BY THE OWNER, SITE DOCUMENTS AVAILABLE AT TIME OF DESIGN, AND FIELD OBSERVATIONS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE INDICATED WITHIN THESE DRAWINGS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, OWNER'S REPRESENTATIVE, AND ENGINEER IN WRITING AS SOON AS DISCREPANCIES ARE DISCOVERED.

C. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROTECTED DURING REMOVAL AND NEW WORK CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PATCH AND/OR REPAIR (SUBSTRATE AND FINISHED SURFACES) ANY BUILDING ELEMENTS AFFECTED BY THEIR RESPECTIVE WORK. ANY EXISTING BUILDING SYSTEMS (EQUIPMENT, DUCTWORK, PIPING, CONTROLS, ACCESSORIES, ETC.) WHICH ARE DAMAGED SHALL BE REPAIRED AND/OR REPLACED WITH LIKE MATERIALS AT NO ADDITIONAL COST TO THE OWNER.

D. ALL TAGGING OF EQUIPMENT WITHIN THIS DRAWING SET SHALL BE USED FOR THE PURPOSE OF IDENTIFYING EQUIPMENT AND ELEMENTS WITHIN THESE DOCUMENTS. COORDINATE WITH THE SITE FACILITIES STAFF AND FOLLOW ANY EXISTING SITE LABELLING NOMENCLATURE FOR EQUIPMENT IDENTIFICATION. THOSE SHALL BE USED FOR THE FINAL PHYSICAL TAGGING OF EQUIPMENT IN CONSTRUCTION. PROVIDE A SCHEDULE FOR ALL EQUIPMENT WITHIN THE SCOPE OF WORK WITH BOTH THE DESIGN TAG AS SHOWN WITHIN THESE PLANS, AND THE TAG TO BE USED IN CONSTRUCTION TO THE ENGINEER AND ARCHITECT FOR REVIEW.

E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL SHUTDOWNS OF EFFECTED SYSTEMS, AND/OR INTERRUPTION OF UTILITIES SERVICE WITH THE OWNER'S REPRESENTATIVE AND GC FOR REMOVALS WORK AND NEW TIE INS AS NECESSARY. THE CONTRACTOR SHALL ASSIST THE OWNER'S FACILITY PERSONNEL IN SHUTTING DOWN, DRAINING, VENTING, ETC. OF THE SYSTEMS TO FACILITATE THE INTENDED WORK AS REQUIRED.

F. THE REMOVALS DRAWINGS SHOW GENERAL REMOVALS SCOPE. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING/DUCT, PIPING/DUCT ACCESSORIES, SUPPORTS, HANGERS, RACKS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, ETC. TO BE DISCONNECTED AND REMOVED BUT IS THE REQUIREMENT UNDER THIS CONTRACT TO REMOVE ALL SUCH MISCELLANEOUS ITEMS.

G. ANY CONTRACTOR REMOVING OR MODIFYING EQUIPMENT OR MATERIALS SUSPECTED TO BE CONTAINING, OR COVERED IN ASBESTOS SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY AND STOP REMOVAL. REFER TO HAZARDOUS MATERIAL TEST REPORTS AND DRAWINGS, IF APPLICABLE.

H. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF ALL REMOVALS DEBRIS AND MATERIALS OFF SITE IN A PROPER LEGAL MANNER.

I. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW THE OWNER FIRST RIGHT OF REFUSAL TO RETAIN ANY EQUIPMENT OR CONTROL DEVICES TO BE REMOVED. IF THE OWNER REFUSES TO RETAIN THE EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EQUIPMENT AND DISPOSE OF PROPERLY AS NOTED ABOVE. IF THE OWNER DESIRES TO RETAIN THE EQUIPMENT, THE CONTRACTOR SHALL REMOVE THE EQUIPMENT FROM THE EXISTING SYSTEMS IN GOOD WORKING CONDITION AND DELIVER (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS OF THE EQUIPMENT.

J. IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL RESULTING PENETRATIONS THROUGH FLOORS AND WALLS AFTER REMOVALS TO MATCH SURROUNDING CONDITIONS. ANY RESULTING PENETRATIONS WITHIN FIRE-RATED CONSTRUCTION AS PART OF THIS CONTRACT SHALL BE PACKED WITH APPROVED FIRE-RATED PACKING. FINAL PATCHING AND PACKING SHALL BE PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS.

K. ANY NEW PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE COORDINATED WITH THE GC . ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE/SMOKE STOPPED PER UL ASSEMBLY CONSTRUCTION REQUIREMENTS. ALL PENETRATIONS THROUGH NON-RATED WALLS SHALL BE SEALED WITH A NON-HARDENING SEALANT ON BOTH SIDES OF WALL PENETRATION TO REDUCE NOISE TRANSMISSION.

L. REFER TO MECHANICAL DETAILS SHEET(S) WHETHER THEY ARE SPECIFICALLY REFERENCED ON PLANS OR NOT.

M. INSTALL ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S RECOMMENDATIONS. MECHANICAL SYSTEMS INSTALLATIONS SHALL MEET ALL APPLICABLE STATE AND LOCAL CODES.

N. COORDINATE ALL EQUIPMENT LOCATIONS, CONCEALMENT, AND SURFACE FINISH TREATMENTS CAREFULLY WITH WORK OF ALL TRADES. IN ANY CASE OF DISCREPANCY BETWEEN THE PLANS, OR IN ANY CASE WHERE SUCH ISSUES REQUIRE CLARIFICATION, NOTIFY THE ENGINEER IN WRITING.

O. ALL SURFACE MOUNTED EQUIPMENT SHALL BE FASTENED WITH ANCHORS OR FASTENERS AS SPECIFIED BY THE EQUIPMENT MANUFACTURER FOR THE SUBSTRATE BEING MOUNTED TO.

P. ALL INSTALLATIONS SHALL MAINTAIN SERVICE ACCESS AND COIL PULL CLEARANCES AS REQUIRED BY MANUFACTURER'S RECOMMENDATIONS FOR ALL NEW EQUIPMENT AND ADJACENT EXISTING EQUIPMENT. CONFIRM LOCATIONS AND SERVICEABILITY PRIOR TO EQUIPMENT/MATERIAL ORDER.

Q. FOR ELECTRICAL POWER CONNECTION REMOVALS, REFER TO THE ELECTRICAL REMOVALS DRAWINGS AND COORDINATE WITH THE EC.

R. VERIFY THAT ALL FURNISHED EQUIPMENT UNDER THIS CONTRACT MATCHES AVAILABLE FIELD VOLTAGE. COORDINATE WITH THE EC FOR REQUIREMENTS PRIOR TO EQUIPMENT ORDER.

S. MC TO PROVIDE AND GC TO INSTALL ACCESS DOORS FOR ANY EQUIPMENT OR APPURTENANCES LOCATED IN NON-ACCESSIBLE CEILINGS, SHAFTS, OR OTHER LOCATIONS INCLUDING BUT NOT LIMITED TO: MANUAL VOLUME DAMPERS, MOTORIZED DAMPERS, FIRE DAMPERS, FIRE/SMOKE DAMPERS, SMOKE DAMPERS, DUCTWORK COILS, AND VALVES.

T. FOR ANY REFRIGERANT SYSTEMS TO BE REMOVED, ALL REFRIGERANT SHALL BE RECLAIMED AND DISPOSED OF AS DICTATED BY THE AUTHORITY HAVING JURISDICTION PRIOR TO REMOVAL OF ANY REFRIGERANT SYSTEMS/EQUIPMENT.

U. COORDINATE DUCTWORK AND PIPING INSTALLATIONS WITH WORK OF OTHER TRADES TO ENSURE ALL DUCTWORK AND PIPING IS CONCEALED AND IS LOCATED TO ALLOW INSTALLATION AND SERVICE CLEARANCE FOR LIGHT FIXTURES, PIPING ACCESSORIES, AND OTHER TRADE ELEMENTS.

V. ALL DUCTWORK AND PIPING SIZES INDICATED ARE MINIMUM SIZES. LARGER SIZES MAY BE INSTALLED BY THE CONTRACTOR IN ALL CASES UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR SHALL INFORM ENGINEER OF ANY AND ALL SIZE/ASPECT RATIO CHANGES IN WRITING ALONG WITH THE SHOP DRAWINGS SUBMITTED FOR FINAL ENGINEERING APPROVAL.

W. TEMPERATURE CONTROL EQUIPMENT, ACCESSORIES, WIRING, AND/OR CONDUIT THAT WILL NO LONGER BE UTILIZED FOR THE OPERATION OF THE BUILDING SYSTEMS SHALL BE REMOVED. NO EQUIPMENT, ACCESSORIES, WIRING, OR CONDUIT SHALL BE ABANDONED IN PLACE.

X. BEFORE DISCONNECTING POWER AND/OR COMMUNICATIONS OF DDC HARDWARE IN THE FIELD, ALL DDC DEVICES TO BE REMOVED SHALL BE CLEARED OF ALARMS, GRAPHICS, TRENDS, UNBUNDLED POINTS, PROGRAMS, USER GROUPS, EVENT/SCHEDULES, REPORTS, SYSTEM PROFILES, ETC.

Y. THERMOSTATS AND SPACE SENSORS ARE TO BE LOCATED AS SHOWN ON PLANS. MOUNT AT HEIGHT SUCH THAT THE TOP OF COVER IS 48" ABOVE FINISHED FLOOR. IF SITE CONDITIONS REQUIRE, OR THE OWNER OR ARCHITECT SPECIFICALLY REQUESTS A DIFFERENT LOCATION, IT SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING FOR REVIEW.

Z. RESULTING OPENINGS FROM DUCT TAPS SHOWN TO BE REMOVED FROM A DUCT MAIN ARE TO BE SEALED AIRTIGHT WITH LIKE MATERIALS TO THE EXISTING DUCTWORK. ADDITIONALLY, IF SURROUNDING DUCTWORK IS INSULATED, THE CONTRACTOR SHALL INSULATE THE DUCT PATCH TO MATCH SURROUNDING INSULATION PROPERTIES.

AA. ALL SQUARE ELBOWS SHALL BE VANED, EXCEPT AS INDICATED ON PLANS.

BB. PROVIDE MANUAL VOLUME DAMPERS FOR ALL DUCT BRANCHES SERVING SUPPLY AIR DIFFUSERS/GRILLES, RETURN AIR GRILLES, AND EXHAUST AIR GRILLES NOT PROVIDED WITH OPPOSED BLADE BALANCING DAMPERS.

CC. ALL MANUAL VOLUME DAMPERS LOCATED WITHIN INSULATED DUCTWORK SHALL BE INSTALLED WITH A SHAFT EXTENSION THAT EXCEEDS THE THICKNESS OF ASSOCIATED DUCT INSULATION.
DD. COORDINATE GRILLE LOCATIONS WITH LIGHTING, FIRE DETECTION, SPRINKLER, AND CEILING INSTALLERS. COORDINATE EXACT DIFFUSER AND GRILLE LOCATIONS TO MATCH ARCHITECTURAL REQUIREMENTS FOR CEILING SPACING AND CENTERING AS APPLICABLE.

EE. COORDINATE LOUVER, AND GRILLE FRAME TYPES TO MATE AND MATCH ADJACENT WALL AND/OR CEILING CONSTRUCTION.

FF. UNLESS OTHERWISE NOTED, PROVIDE DRAINS AT ANY LOW POINTS OF PIPING SYSTEMS. DRAINS SHALL BE CONSTRUCTED WITH 3/4" BALL VALVE WITH HOSE CONNECTION AND END CAP.

GG. UNLESS OTHERWISE NOTED, PROVIDE VENTS AT ANY HIGH POINTS OF PIPING SYSTEMS. VENTS SHALL BE CONSTRUCTED WITH 1/2" BALL VALVE WITH HOSE CONNECTION AND END CAP.

HH. PITCH ALL HVAC COOLING COIL CONDENSATE PIPING AT 1/8" PER 1'-0" IN THE DIRECTION OF FLOW PER SPECIFICATIONS.

II. DO NOT SCALE DRAWINGS.

HVAC SYMBOL LIST

SYMBOL	DESCRIPTION
— — —	EXISTING WORK TO BE REMOVED
	EXISTING WORK
	NEW WORK
	POINT OF CONNECTION
	POINT OF DISCONNECTION
(X)	DRAWING KEYNOTE
X	DEMOLITION KEYNOTE
MBH	THOUSAND BTU/HOUR
NTS	NOT TO SCALE
(E)	EXISTING
(L)	ACOUSTIC THERMAL LINING - 1-1/2" THICK
(2L)	ACOUSTIC THERMAL LINING - 2" THICK
(DBL)	DOUBLE WALL LINED DUCT
FPM	FEET PER MINUTE
CFM	CUBIC FEET PER MINUTE
OBVD	OPPOSED BLADE VOLUME DAMPER
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
W/W	WALL TO WALL
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
	FLEXIBLE DUCTWORK
AxB FO	DUCT SECTION - FLAT OVAL (FO)
12"	ROUND DUCT - IN INCHES
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN
A B	WIDTH A x DEPTH B
	TRANSITION SQUARE TO ROUND
R	RISE IN DUCT - IN DIRECTION OF AIRFLOW
D	DROP IN DUCT - IN DIRECTION OF AIRFLOW
DN 24x12 UP	SUPPLY DUCT TURNING UP OR DOWN
DN 24x12 UP	RETURN DUCT TURNING UP OR DOWN
6" BOOT TAP 24x12 14x8	SUPPLY/RETURN RECTANGULAR MAIN RECTANGULAR BRANCH
6" BOOT TAP 24x12 14"	SUPPLY/RETURN RECTANGULAR MAIN ROUND BRANCH
CONICAL TEE 18" 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
LATERAL 18" 14"	SUPPLY/RETURN ROUND MAIN ROUND BRANCH
	MITERED ELBOW WITH TURNING VANES
☒	SUPPLY DIFFUSER, REGISTER OR GRILLE
	RETURN REGISTER
	EXHAUST GRILLE
	FIN TUBE RADIATION
	VALANCE
A B C	REGISTER, GRILLE OR DIFFUSER TAG A = TYPE B = NECK SIZE C = CFM
A B C D	LINEAR DIFFUSER TAG A = TYPE B = NECK SIZE C = DIFFUSER LENGTH D = CFM
FT-A B C D	FIN TUBE RADIATION TAG FT-A = TYPE B = FIN TUBE LENGTH C = ENCLOSURE LENGTH D = GPM
A B C	RADIANT CEILING PANEL TAG A = TYPE B = LENGTH C = GPM
A B C D	VALANCE TAG A = TYPE B = COIL SIZE C = COOLING GPM D = HEATING GPM
	AIR TERMINAL UNIT AND TAG (OPTION 1)
A B C	AIR TERMINAL UNIT TAG (OPTION 2) A = UNIT NO. B = MAXIMUM CFM C = MINIMUM CFM
SG	SUPPLY GRILLE
RHC	REHEAT COIL

SYMBOL	DESCRIPTION
A	COMPRESSED AIR
V	VENT
BBD	BOILER BLOW DOWN
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
D	DRAIN
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FOV	FUEL OIL TANK VENT
G	GAS
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
HPWS	HEAT PUMP WATER SUPPLY
HPWR	HEAT PUMP WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LPS	LOW PRESSURE STEAM
LPC	LOW PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HPC	HIGH PRESSURE CONDENSATE
PC	PUMPED CONDENSATE
RD	REFRIGERANT DISCHARGE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HG	HOT GAS
VAC	VACUUM
CW	DOMESTIC COLD WATER
TD	TRIPLE DUTY VALVE
	GLOBE VALVE
	BALL VALVE
	GATE VALVE
	CONTROL VALVE
	THREE WAY CONTROL VALVE
	CHECK VALVE
⊗	BALANCING VALVE
	BUTTERFLY VALVE
	RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
	PRESSURE/TEMPERATURE TEST PLUG
	SINGLE LINE PIPE CONTINUED
	DOUBLE LINE PIPE OR ROUND DUCT CONTINUED
	DOUBLE LINE RECTANGULAR DUCT CONTINUED
	AIR FLOW
☒	PIPE ANCHOR
	PIPE GUIDE
	EXPANSION COMPENSATOR WITH GUIDES
	PRE-FAB EXPANSION LOOP
	STRAINER
	PRESSURE GAUGE
	THERMOMETER
	UNION
V	AIR VENT
■ TT	THERMOSTATIC TRAP
■ FT	FLOAT & THERMOSTATIC TRAP
■ TD	THERMODYNAMIC TRAP
■ BT	BUCKET TRAP
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	BOTTOM TAP
AAD	AUTOMATIC AIR DAMPER
FD	FIRE DAMPER
SD	SMOKE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
BDD	BACK DRAFT DAMPER
FC	FLEX CONNECTOR - DUCTWORK
MD	MOTORIZED DAMPER
BG	BLAST GATE
	VOLUME DAMPER
SD	SUCTION DIFFUSER
	FLEXIBLE CONNECTOR - PIPING
	DRAIN VALVE WITH HOSE CONNECTION, CAP AND CHAIN
FS	WATER FLOW SENSOR
TS	WATER TEMPERATURE SENSOR
SP	STATIC PRESSURE SENSOR
H	HUMIDISTAT
S	TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
CO	CARBON MONOXIDE SENSOR
N	NITROGEN DIOXIDE SENSOR
G	GAS SENSOR
T T E	PNEUMATIC/ELECTRIC THERMOSTAT
T G S G	THERMOSTAT/SENSOR WITH GUARD
DSD	DUCT SMOKE DETECTOR
MB	AIR MIXING BOX
RCP	RADIANT CEILING PANEL
OED	OPEN ENDED DUCT

FAN SCHEDULE

UNIT NO.	LOCATION	SERVICE	FAN CHARACTERISTICS										MOTOR CHARACTERISTICS						MANUFACTURER & MODEL NO.	REMARKS
			TYPE	BLADE TYPE	CFM	S.P. (In. WC)	MAX. BHP	FAN RPM	MAX. TIP SPEED (FPM)	MAX. OUTLET VELOCITY (FPM)	SONES	DRIVE	RPM	HP	VOLTS	HZ	PHASE	STARTER		
EF-1250	AREAS A,C, AND D CLASSROOMS	AREAS A,C, AND D CLASSROOMS	INLINE CENTRIFUGAL	BI	1250	0.5	0.24	1392	4784	727	8.8	DIRECT	1725	1/2	115	60	1	SEE REMARK 2	GREENHECK SQ-120-VG	1,2,3,4,5,6,7
EF-1500	AREAS A,C, AND D CLASSROOMS	AREAS A,C, AND D CLASSROOMS	INLINE CENTRIFUGAL	BI	1500	0.5	0.34	1578	5421	872	11.3	DIRECT	1725	1/2	115	60	1	SEE REMARK 2	GREENHECK SQ-120-VG	1,2,3,4,5,6,7

REMARKS:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. SEE ELECTRICAL PLANS FOR STARTER REQUIREMENTS.
3. PROVIDE FACTORY WIRED DISCONNECT SWITCH.
4. PROVIDE EC MOTOR (ELECTRICALLY COMMUTATED).
5. PROVIDE VIBRATION ISOLATION PER SPECIFICATIONS.
6. PROVIDE MOTORIZED DAMPER WITH THE FAN (PO/FC) TO OPEN WHEN THE FAN IS OPERATIONAL WHERE SHOWN ON PLANS. OPERATOR TO BE OUT OF AIRSTREAM. COORDINATE WITH CONTROLS CONTRACTOR.
7. PROVIDE WITH FACTORY INSTALLED 1" THICK INSULATED FAN HOUSING.

LOUVER SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	MATERIAL	FINISH	FREE AREA (Sq. Ft.)	DIMENSIONS (APPROX.)			AIR PERFORMANCE			MANUFACTURER & MODEL NO.	REMARKS
							WIDTH (In.)	HEIGHT (In.)	DEPTH (In.)	AIR FLOW (CFM)	VEL (FPM)	MAX P.D. (In. WC)		
L-1	BUILDING EXTERIOR	CLASSROOMS	FIXED HORIZONTAL	ALUMINUM	BAKED ENAMEL	1.0	32	12	4	625	652	0.061	GREENHECK ESD-403	1,2,3
L-2	BUILDING EXTERIOR	CLASSROOMS	FIXED HORIZONTAL	ALUMINUM	BAKED ENAMEL	1.0	32	12	4	750	783	0.088	GREENHECK ESD-403	1,2,3

REMARKS:
1. PROVIDE BIRD SCREEN.
2. COORDINATE WITH GC FOR INSULATED PANEL WITHIN TRANSOM WINDOW FOR INSTALLATION.
3. COORDINATE CUSTOM COLOR SELECTION WITH ARCHITECT PRIOR TO ORDER.

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M/E Project #: 243033

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By:	DAH
Checked By:	MDR
Proj. #:	44-01-02-06-0-002-019
CSArch Proj. #:	228-2401.02
Construction Documents:	09/22/25

Sheet Title
MECHANICAL SYMBOLS LISTS, GENERAL NOTES, SCHEDULES, AND CONTROLS

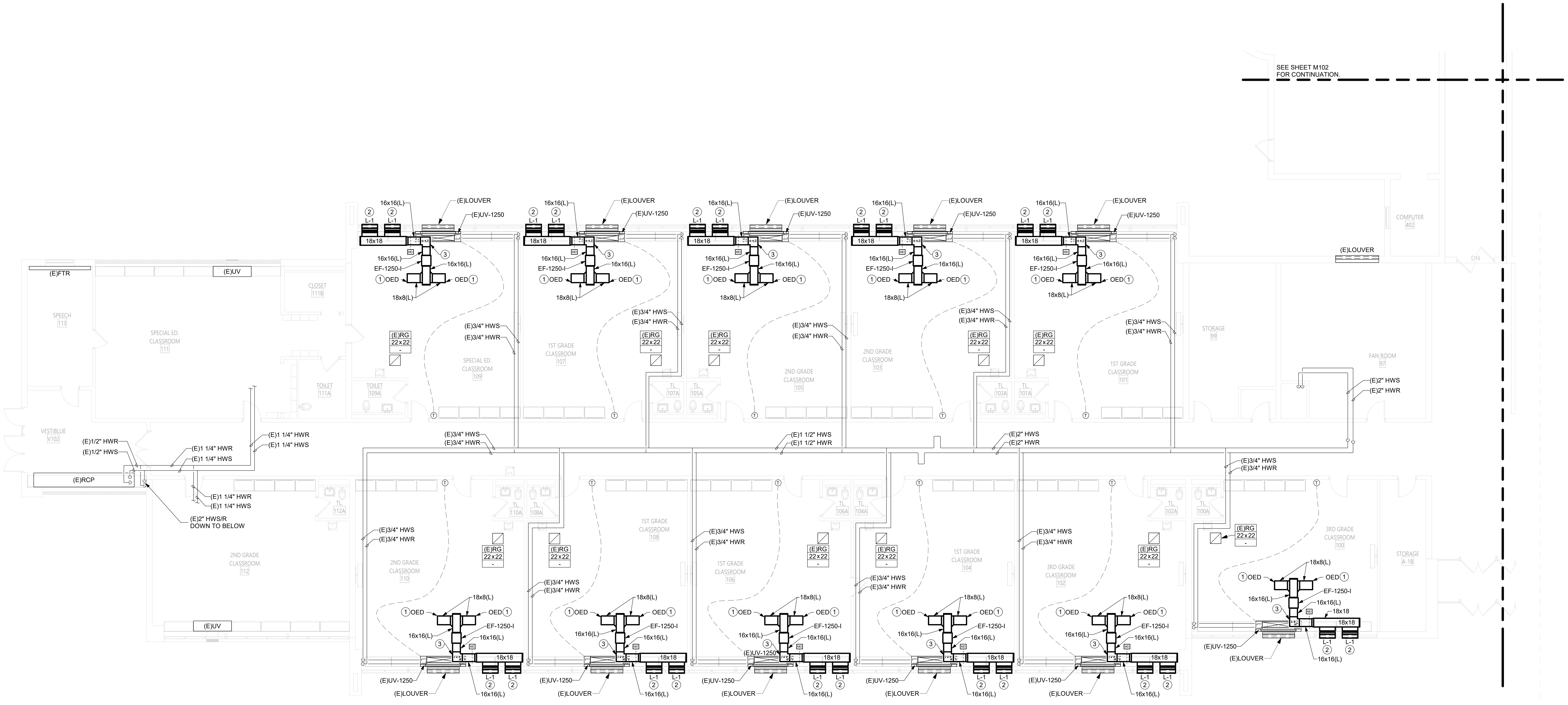
Sheet No.
TES
M001

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_WashingtonvilleTAFT_Phase3_HVAC_Central_R24.rvt

Ⓧ DRAWING NOTES:

1 OPEN ENDED DUCT. PROVIDE 1/2" WIRE MESH SCREEN TO COVER OPENING.
2 LOUVER TO BE INSTALLED WITHIN INSULATED PANEL IN TOP TRANSOM WINDOW OF THE CLASSROOM IN THIS AREA. COORDINATE INSTALLATIONS WITH GC AND ARCHITECTURAL DETAILS. INSULATED PANEL SHALL BE FURNISHED AND INSTALLED BY GC.
3 UNVANED LINED ELBOW.

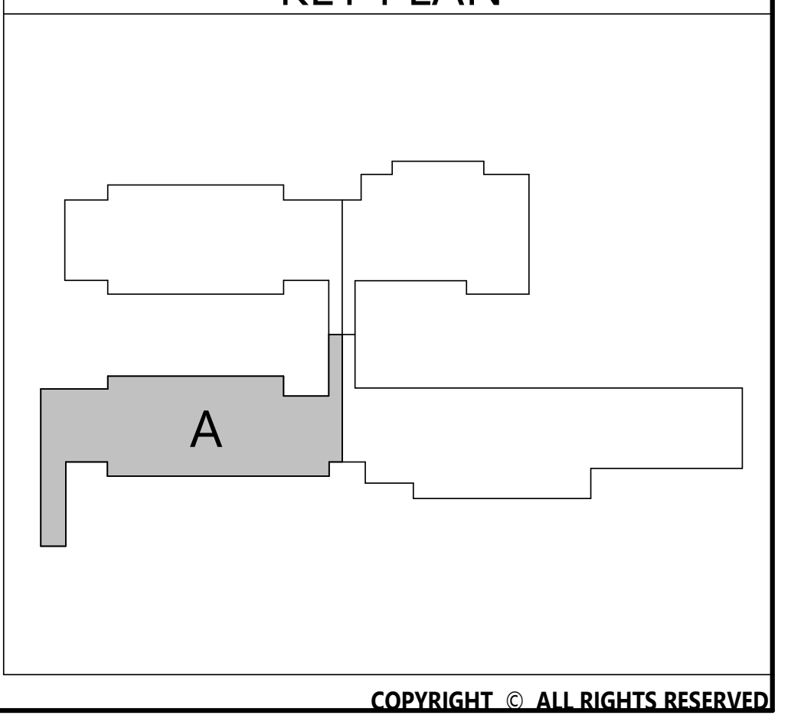


1 GROUND FLOOR MECHANICAL PLAN - AREA A

M101 1/8" = 1'-0"

0' 4' 8' 16'

KEY PLAN



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2024 CAPITAL PROJECT - PHASE 2

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Sheet Title

GROUND
FLOOR
MECHANICAL
PLAN - AREA A

Sheet No.

TES
M101

CONSTRUCTION DOCUMENTS

ⓧ DRAWING NOTES:

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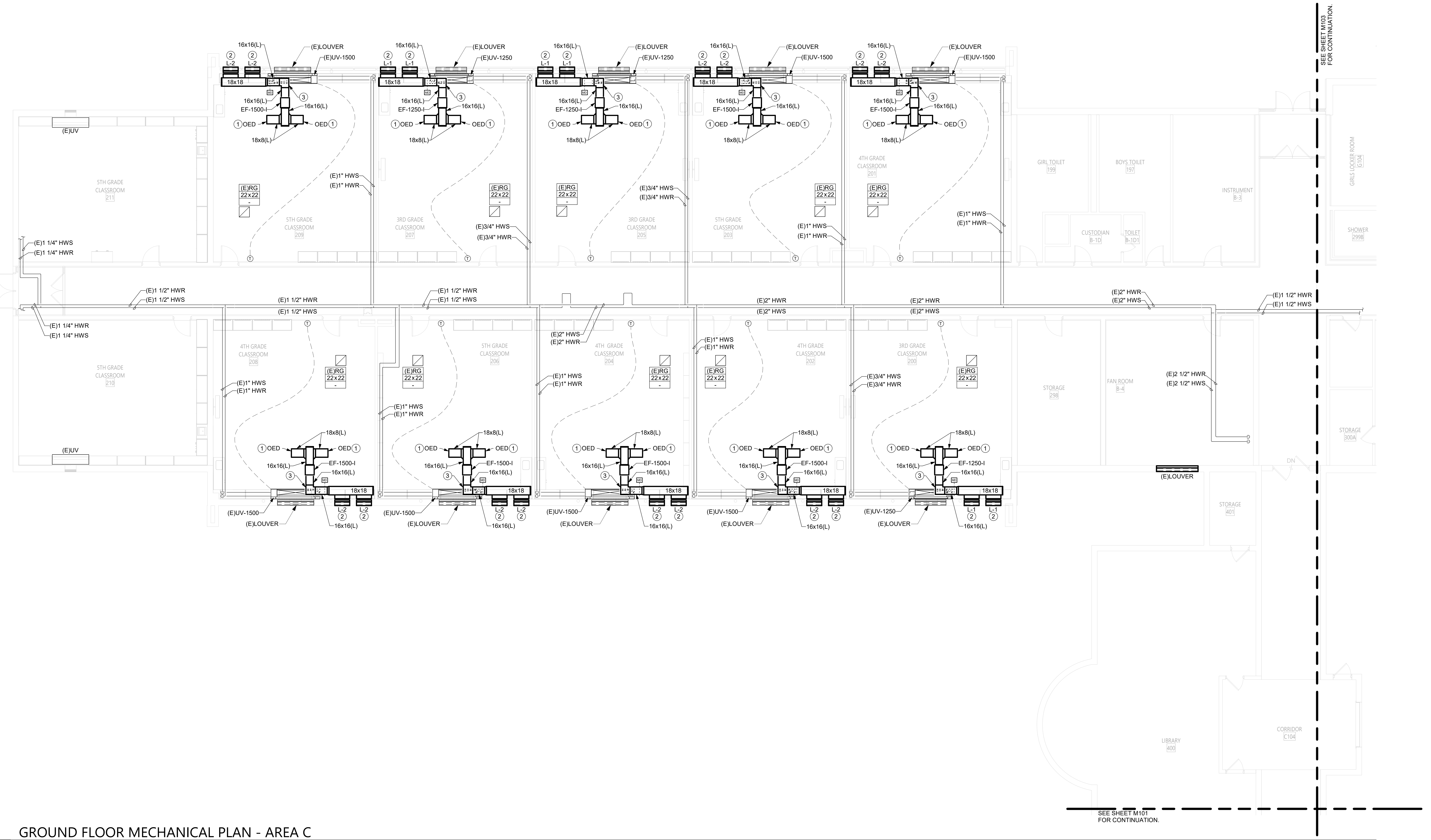
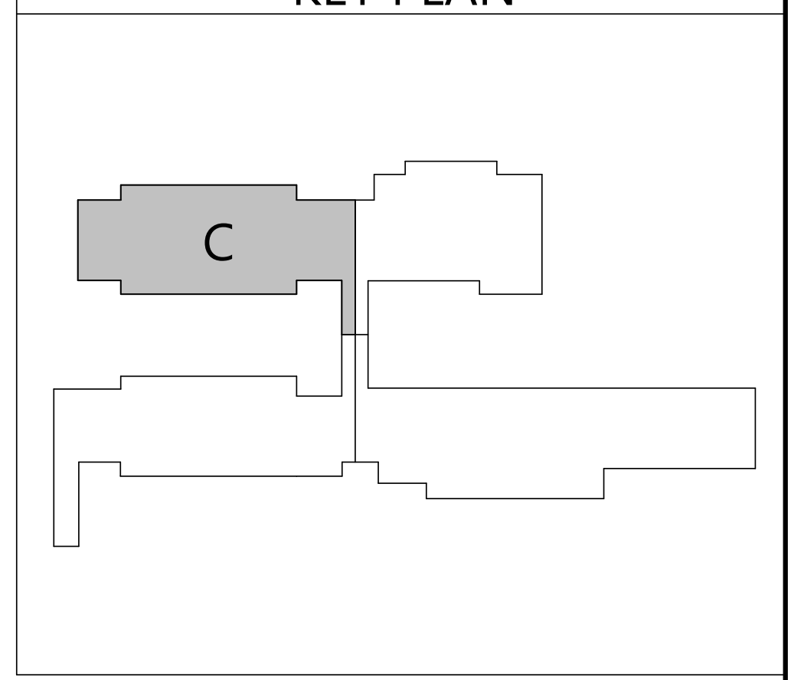
3 UNVANED LINED ELBOW.



1 GROUND FLOOR MECHANICAL PLAN - AREA C
M102 1/8" = 1'-0"

0' 4' 8' 16'

KEY PLAN



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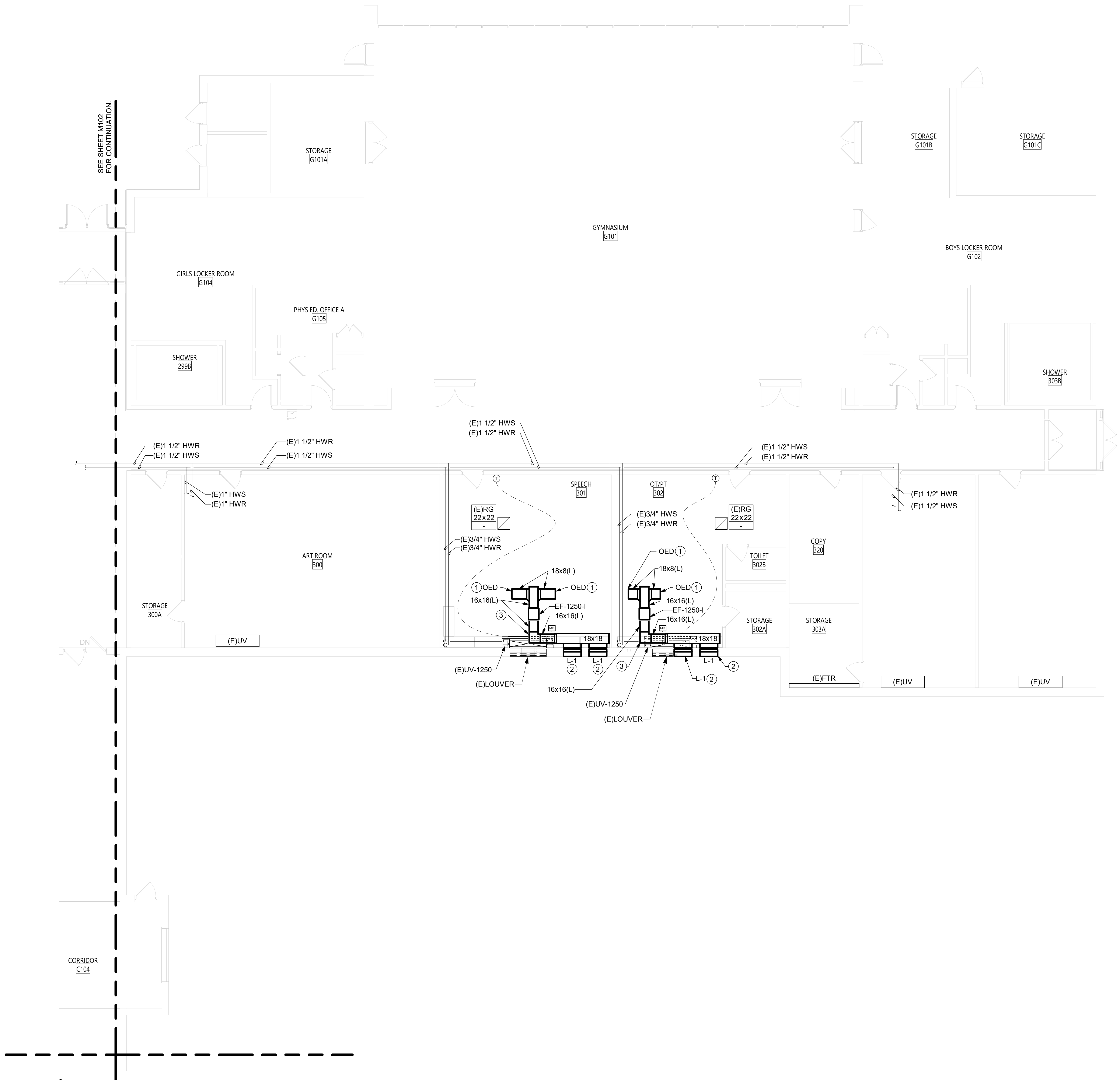
Sheet Title
GROUND FLOOR MECHANICAL PLAN - AREA C

Sheet No.
TES M102

CONSTRUCTION DOCUMENTS

ⓧ DRAWING NOTES:

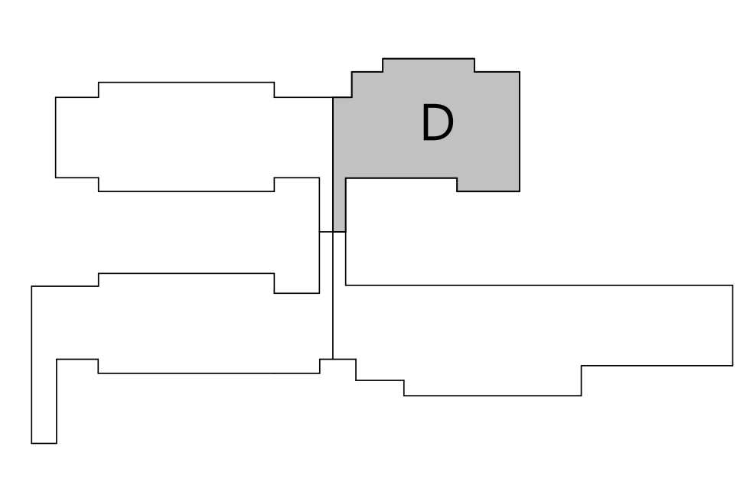
1 OPEN ENDED DUCT. PROVIDE 1/2" WIRE MESH SCREEN TO COVER OPENING.
2 LOUVER TO BE INSTALLED WITHIN INSULATED PANEL IN TOP TRANSOM WINDOW OF THE CLASSROOM IN THIS AREA. COORDINATE INSTALLATIONS WITH GC AND ARCHITECTURAL DETAILS. INSULATED PANEL SHALL BE FURNISHED AND INSTALLED BY GC.
3 UNVANED LINED ELBOW.



1 GROUND FLOOR MECHANICAL PLAN - AREA D
M103 1/8" = 1'-0"

0' 4' 8' 16'

KEY PLAN



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Sheet Title

GROUND FLOOR MECHANICAL PLAN - AREA D

Sheet No.

TES M103

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_WashingtonvilleTAFT_Phase3_HVAC_Central_R24.rvt

GENERAL DEMOLITION NOTES:

A. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED ACCURATE. EC SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. COORDINATE WITH OWNER REPRESENTATIVE TO ARRANGE FOR A SITE VISIT, DATE AND TIME, MINIMUM TEN WORKING DAYS PRIOR TO BID.

B. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED, OR REQUIRED TO BE REMOVED AS A RESULT OF CEILING, PARTITION OR WALL DEMOLITION WORK. COORDINATE REQUIREMENT WITH GENERAL CONTRACTOR. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND WIRING DEVICES INDICATED TO BE REMOVED OR REQUIRED TO BE REMOVED, AND ALL ASSOCIATED BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING AND RACEWAYS. WHERE EXISTING DEVICES ARE NOT BEING REUSED, THEY AND THEIR ASSOCIATED WIRING SHALL BE COMPLETELY REMOVED. DISCONNECT AND REMOVE ALL EMPTY AND ABANDONED RACEWAYS. CUT FLUSH WITH FLOOR OR WALL WHERE APPLICABLE AND PLUG CONDUIT WATERTIGHT.

C. SALVAGEABLE MATERIALS SHALL BE REVIEWED AND IDENTIFIED BY THE OWNER. ITEMS SELECTED BY THE OWNER SHALL BE DELIVERED TO A SELECTED LOCATION ON THE OWNER'S PROPERTY BY THIS CONTRACT IN AN EQUAL CONDITION PRIOR TO THIS WORK. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) ALL LUMINAIRES, LIGHTING CONTROLS, PANELBOARDS, MOTOR STARTERS AND DISCONNECTS; REFER TO THE SPECIFICATIONS FOR ADDITIONAL SALVAGEABLE MATERIALS.

D. COORDINATE ALL REMOVAL WORK WITH OTHER TRADES.

E. PROVIDE ALL WIRING AND CONNECTIONS REQUIRED TO MAINTAIN BRANCH CIRCUITS OR SPECIAL SYSTEMS CIRCUIT CONTINUITY TO DEVICES AND EQUIPMENT REQUIRED TO REMAIN WHETHER LOCATED WITHIN OR OUTSIDE OF THE PROJECT AREA, EITHER UPSTREAM OR DOWNSTREAM OF DEVICES REQUIRED TO BE REMOVED.

F. PARTIAL BRANCH CIRCUIT WIRING DENOTING EXISTING CIRCUITING OR CONTROL IS SHOWN FOR REFERENCE ONLY, AND IS NOT INTENDED TO ILLUSTRATE COMPLETE WIRING SYSTEM. FIELD VERIFY EXISTING WIRING AND CONNECTIONS.

G. CUTTING AND PATCHING OF EXISTING BUILDING FINISHES AND ELEMENTS TO FACILITATE ELECTRICAL REMOVAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

H. PROVIDE A TEST, PRIOR TO BEGINNING ELECTRICAL REMOVAL WORK, OF EACH AND EVERY SYSTEM AFFECTED BY THE WORK TO ASCERTAIN AND DOCUMENT PRE-CONSTRUCTION CONDITIONS OF EACH INDIVIDUAL DEVICE ON EACH SYSTEM. SYSTEMS AND DEVICES WHICH ARE UNTESTED WILL BE ASSUMED TO BE IN PERFECT WORKING ORDER PRIOR TO THE BEGINNING OF CONSTRUCTION. TEST THESE AND NEW DEVICES AND SYSTEMS AFTER CONSTRUCTION TO INDICATE AND DOCUMENT POST-CONSTRUCTION CONDITIONS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING SYSTEMS AND DEVICES TO PRE-CONSTRUCTION CONDITION OR BETTER. OBTAIN THE SERVICES OF A CERTIFIED TESTING ORGANIZATION TO TEST AND DOCUMENT EACH SYSTEM, BOTH PRE AND POST CONSTRUCTION. SUCH SYSTEMS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: GENERATOR DISTRIBUTION SYSTEM, SECURITY ACCESS CONTROL SYSTEM, PUBLIC ADDRESS SYSTEM, LOCAL AREA NETWORK SYSTEM, TELEPHONE SYSTEM, NURSE CALL SYSTEM, EMERGENCY EGRESS LIGHTING SYSTEM, INTRUSION DETECTION SYSTEMS, AUTOMATIC LIGHTING CONTROL SYSTEM AND FIRE ALARM SYSTEM. SUBMIT TEST RESULTS TO OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

GENERAL NOTES (APPLY TO ALL DRAWINGS):

A. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED N.E.C./NFPA 70 CODE.

B. THE CONTRACTOR SHALL PERFORM HIS WORK BY COORDINATING WITH THE FACILITY REPRESENTATIVE REGARDING SUCH THINGS AS NOISE, WORK AREA LIMITATIONS, ALLOWABLE WORKING HOURS, UTILITY INTERRUPTIONS, ETC.

C. ALL EXISTING SYSTEMS THAT PASS THROUGH OR ORIGINATE IN THE RENOVATED SPACE SHALL BE MAINTAINED, REROUTED, RELOCATED, ETC. SUCH THAT THE FACILITY DOES NOT EXPERIENCE LOSS OF ANY SYSTEMS AND/OR UTILITIES. WORK FOR SUCH ITEMS MUST BE COORDINATED WITH THE FACILITY REPRESENTATIVE FOR TEMPORARY OPERATIONS AND/OR INTERRUPTION.

D. THE CONTRACTOR SHALL INSTALL TEMPORARY FACILITIES/PRECAUTIONS TO GUARD AGAINST WORK THAT IS AN INFECTION CONTROL HAZARD OR NUISANCE (SUCH AS NOISE, DUST, OPERATIONS INTERRUPTION, ETC.). THE CONTRACTOR SHALL COMPLY WITH FACILITY REPRESENTATIVES FOR THE COORDINATION, LOCATION, AND QUALITY OF THESE TEMPORARY PROVISIONS.

E. ALL WORK AREAS SHALL BE KEPT CLEAN AND ORDERLY AT ALL TIMES. OPEN-ENDED ITEMS SUCH AS CONDUITS SHALL ALWAYS BE COVERED AND PROTECTED TO PROHIBIT ACCUMULATION OF CONSTRUCTION DUST/DEBRIS.

F. CONTRACTOR SHALL COORDINATE ALL THIRD PARTY SYSTEM INSPECTIONS, TESTING, AND CERTIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE REQUIRED CERTIFICATIONS AND A LETTER STATING THAT SYSTEMS HAVE BEEN INSTALLED AND PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND MEET PROJECT/CONTRACT REQUIREMENTS.

G. PROVIDE BOX, EMPTY 1" CONDUIT (UNLESS OTHERWISE NOTED), AND PULL CORD UP TO ACCESSIBLE CEILING CAVITY AT ALL DATA AND COMMUNICATION OUTLETS INDICATED IN PLAN. DATA CABLE TO BE PROVIDED BY A SEPARATE CONTRACT.

H. ALL COMMUNICATION AND DATA CABLE ARE TO BE INSTALLED IN CONDUIT WHERE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE IN CONCEALED CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS. ALL EXPOSED CABLES ARE TO BE ANCHORED TO WALL OR ROOF STRUCTURE IN BRIDLE RINGS AT MINIMUM 3'-0" O.C. OR IN CABLE TRAY.

I. PROVIDE CONDUIT BODY FOR ALL DATA AND SIGNAL CABLES TO BE INSTALLED EXPOSED AT AREAS W/O CEILINGS OR ABOVE INACCESSIBLE CEILINGS. CABLES CAN BE INSTALLED EXPOSED ABOVE ACCESSIBLE CEILINGS AND THEREFORE DO NOT REQUIRE CONDUIT.

J. CONDUIT RUNS ARE SCHEMATIC ONLY. ALL CONDUIT RUNS SHOULD TAKE THE SHORTEST MOST DIRECT ROUTE POSSIBLE. CONDUIT RUNS MAY HAVE A MAXIMUM OF (3) 90` BENDS. IF ADDITIONAL BENDS ARE REQUIRED, PROVIDE PULLBOX.

K. ALL CIRCUITS SHALL HAVE A CONTINUOUS NEUTRAL. NO SHARING OF NEUTRALS WILL BE ALLOWED ON ANY BRANCH CIRCUIT WIRING.

GENERAL DEFINITIONS:

A. INDICATE: THE TERM "INDICATE" REFERS TO GRAPHIC REPRESENTATIONS, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

B. DESCRIBED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

C. APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

D. FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

E. INSTALL: THE TERM "INSTALL IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

F. PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL COMPLETE AND READY FOR THE INTENDED USE."

G. INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

H. ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS." THESE SYSTEMS INCLUDE BUT NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC.

GENERAL FIRE ALARM NOTES:

A. PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED TO PERFORM OPERATIONS REQUIRED FOR THE MODIFICATION OF THE EXISTING ADDRESSABLE FIRE ALARM SYSTEM (EXISTING CONTROL PANEL: SIMPLEX 4100ES).

B. THE CONTRACTOR SHALL PROVIDE A COMPLETE TEST OF THE EXISTING SYSTEM PRIOR TO MAKING MODIFICATIONS TO ASSESS THE CONDITION AND CAPABILITY OF DEVICES AND CIRCUITS TO BE REUSED.

C. WHERE POSSIBLE, THE CONTRACTOR SHALL HAVE THE OPTION TO REUSE EXISTING DEVICES, BOXES AND WIRING.

D. IN GENERAL, EXISTING INITIATION AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE REATAINED AND EXTENDED TO THE NEW CONTROL PANEL FOR DEVICES IN AREAS UNAFFECTED BY SCOPE OF WORK. NEW DEVICES SHALL BE TIED INTO EXISTING CIRCUITS, OR NEW CIRCUITS SHALL BE PROVIDED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM AS INDICATED.

E. ALL WIRING SHALL BE COPPER, INSTALLED IN A DEDICATED/ SEGREGATED EMT CONDUIT SYSTEM AND SHALL CONFORM TO THE NEC AND TO NFPA-72, NATIONAL FIRE ALARM CODE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

F. THE COMPLETE FIRE ALARM SYSTEM SHALL BE FULLY TESTED AFTER THE WORK IS COMPLETE. TESTING SHALL INCLUDE ALL DEVICES, CONTROL PANEL, ANNUNCIATOR PANEL, OTHER PANELS, FEATURES AND FUNCTIONS. TESTING SHALL BE WITNESSED BY THE OWNER'S REPRESENTATIVE AND BE IN ACCORANCE WITH THE NFPA. PROVIDE TESTING REPORT TO THE AHJ AND THE ENGINEER AS A SUBMITTAL

G. REFER TO SPECIFICATION SECTION 283103.

ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
AC	ABOVE COUNTER
AIC	AMPERE INTERRUPTING CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTING
AL	ALUMINUM
AUTO	AUTOMATIC
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CLG	CEILING
CM	CONSTRUCTION MANAGER
CONTR	CONTRACTOR
CU	COPPER
DP	DISTRIBUTION PANEL
DN	DOWN
EA	EACH
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
ELEC	ELECTRIC
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING
FBO	FURNISHED BY OTHERS
GC	GENERAL CONTRACTOR
GE	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
G/GND	GROUND
HH	HAND HOLE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MH	MAN HOLE
MI	MINERAL INSULATED CABLE
MLO	MAIN LUG ONLY
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NMT	NON-METALLIC TUBING
NTS	NOT TO SCALE
OC	MOUNTED OVER COUNTER
OH	OVERHEAD
PNL	PANEL
PH	PHASE
PC	PLUMBING CONTRACTOR OR PHOTO CELL
P	POLE
PB	PULL BOX
RMC	RIGID METAL CONDUIT
SP	SPACE
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATION
SW	SWITCH
SWBD	SWITCHBOARD
TV	TELEVISION
TYP	TYPICAL
UC	MOUNTED UNDER COUNTER HEIGHT OR UNDERGROUND COMMUNICATION
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORY
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
W	WIRE OR WATT
WG	WIRE GUARD
WP	WEATHER PROOF

BASIC MATERIALS AND METHODS

SYMBOL	DESCRIPTION
●	SPECIAL PURPOSE RECEPTACLE. PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA CONFIGURATION AS REQUIRED BY BRANCH CIRCUIT AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP.
Ⓙ	JUNCTION BOX, NORMAL POWER
▣	PUSH BUTTON
Φ	DUPLEX RECEPTACLE, SUBSCRIPTS INDICATE TYPE: AC - ABOVE COUNTER C - CONTROLLED GFI - GROUND FAULT CIRCUIT INTERRUPTER UC - UNDER COUNTER U - USB
Φ	SINGLE RECEPTACLE
Φ	TWO DUPLEX RECEPTACLE, SINGLE COVER
FB A	FLOOR BOX, SUBSCRIPT INDICATES TYPE.
TC	TIME CLOCK
(E)	EXISTING TO REMAIN - INDICATES EXISTING ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
(ER)	EXISTING TO BE RELOCATED - INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
Ⓧ	REFERENCE TO DRAWING NOTE
☒	REFERENCE TO DEMOLITION NOTE
— — —	EXISTING ELECTRICAL OR EQUIPMENT OR DEVICE, DASHED LIGHT LINE WEIGHT IS EXISTING TO BE REMOVED.
———	EXISTING WIRING OR EQUIPMENT, SOLID LIGHT LINE WEIGHT IS EXISTING.
━━━	HEAVY SOLID LINE WEIGHT IS NEW

ACCESS CONTROL

SYMBOL	DESCRIPTION
ICM	INTERCOM MASTER STATION
DC	DOOR CONTACT
IC	INTERCOM
CR	CARD READER
AC	ACCESS CONTROL, REFER TO DETAILS

POWER DISTRIBUTION AND CONTROL

SYMBOL	DESCRIPTION
T-XX ☐	TRANSFORMER, REFER TO ONE LINE DIAGRAM AND TRANSFORMER SCHEDULE FOR SIZE AND TYPE
PP-XX	208/120 [240/120] VOLT RECESSED PANELBOARD
PP-XX	208/120 [240/120] VOLT PANELBOARD
PP-XX	480/277 VOLT RECESSED PANELBOARD
PP-XX	480/277 VOLT PANELBOARD
▨	DISTRIBUTION PANELBOARD.
☒	MOTOR STARTER. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR SIZE AND TYPE.
☐	DISCONNECT SWITCH AMP RATING AS INDICATED
⧄	FUSED DISCONNECT SWITCH AMP RATING AS INDICATED
☒	COMBINATION DISCONNECT SWITCH AND MAGNETIC STARTER REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
CB	ENCLOSED CIRCUIT BREAKER, SUBSCRIPT INDICATES AMP RATING
ASD	ADJUSTABLE SPEED DRIVE
Ⓜ	ELECTRICAL CONNECTION. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS REFER TO "ITEM DESIGNATION" ON THE SCHEDULE.
⊕	SINGLE POINT CONNECTION TO EQUIPMENT
S M	MANUAL MOTOR STARTER
X	KITCHEN EQUIPMENT CONNECTION, REFER TO KITCHEN EQUIPMENT SCHEDULE FOR WIRING REQUIREMENTS NUMBER INDICATES ITEM ON SCHEDULE.

LIGHTING CONTROL

SYMBOL	DESCRIPTION
$S^{3}_{a,b}$	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH LV - LOW VOLTAGE (MOMENTARY CONTACT) K - KEY OPERATED WP - WEATHER PROOF OS - OCCUPANCY SENSOR VS - VACANCY SENSOR a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
$D^{3}_{a,b,c}$	DIMMER SWITCH, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY DIMMER SWITCH a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
OS	CEILING MOUNTED OCCUPANCY SENSOR
VS	CEILING MOUNTED VACANCY SENSOR

ONE LINE DIAGRAM

SYMBOL	DESCRIPTION
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER
SST LSIG #AT/#AF	CIRCUIT BREAKER SOLID STATE TRIP CHARACTERISTICS INDICATED BY SUBSCRIPTS: AT - TRIP COIL AMPERE RATING AF - FRAME SIZE AMPERE RATING CL - CURRENT LIMITING L - LONG TIME TRIP S - SHORT TIME TRIP I - INSTANTANEOUS TRIP G - GROUND FAULT TRIP SH - SHUNT TRIP GA - GROUND FAULT TRIP ALARM
	CURRENT TRANSFORMER
M	UTILITY METER
GRA	GENERATOR REMOTE ANNUNCIATION
PM	POWER METER
	TRANSFORMER, REFER TO SCHEDULE OR ONE-LINE
Ⓖ	GENERATOR SET
	TRANSFER SWITCH, RATING AS INDICATED. ATS = AUTOMATIC MTS = MANUAL
⏚	GROUND CONNECTION
X	FEEDER DESIGNATION - REFER TO FEEDER SCHEDULE
NAME	PANELBOARD

COMMUNICATIONS

SYMBOL	DESCRIPTION
#-CP1 ▣ 2D2P 1T1V	POWER COMMUNICATION OUTLET - DATA AND POWER DEVICES TO BE PROVIDED IN SEPARATE BOXES. # D - DATA OUTLETS AND CABLES # P - POWER DUPLEX RECEPTACLES # T - TELEPHONE OUTLETS AND CABLES # V - TELEVISION OUTLETS AND CABLES (NOTE: REFER TO INDIVIDUAL DEVICE SYMBOLS FOR ADDITIONAL SUBSCRIPT DEFINITIONS) EXAMPLE SYMBOL SHOWN INDICATES : 2 DATA, 1 TELEPHONE, 1 TV OUTLET AND 2 RECEPTACLES CIRCUITED TO PANEL CP1
WAP	WIRELESS ACCESS POINT
VP	VIDEO PROJECTOR MOUNT
IWB	INTERACTIVE WHITEBOARD FURNISHED BY OTHERS
▽	ONE (1) TELEPHONE OUTLET AND CABLE
DR	DATA RACK
	CAMERA

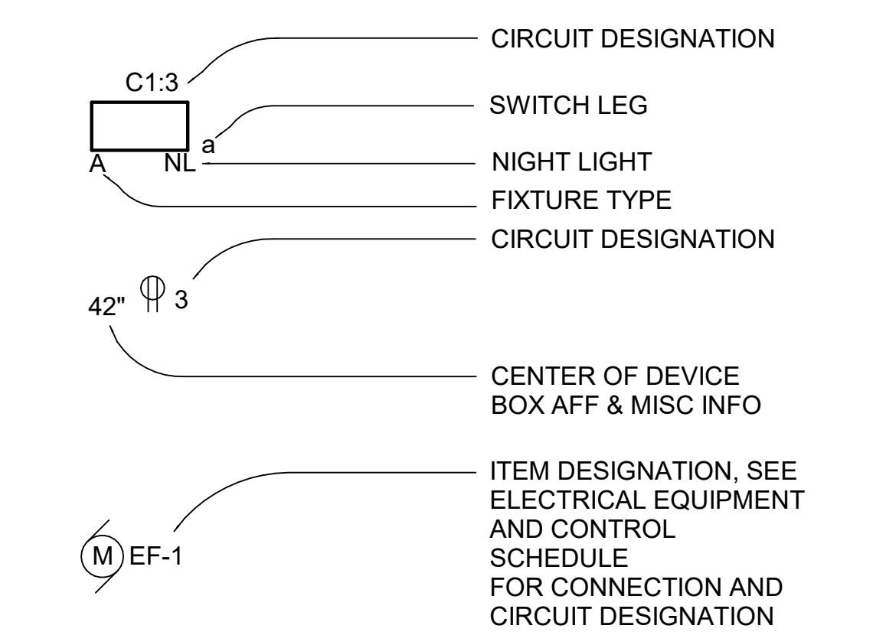
LUMINAIRES

SYMBOL	DESCRIPTION
FA d ☐ ○	LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
FA d	WALL MOUNTED LUMINAIRE. UPPER CASE LETTERS INDICATE FIXTURE TYPE ON SCHEDULE, LOWER CASE LETTER INDICATES CONTROL DESIGNATION.
NL	LUMINAIRE CONNECTED TO NIGHT LIGHT CIRCUIT, UNSWITCHED
EM	LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY BACKUP
├──┤	LUMINAIRE STRIP
	WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK
⊗ ⊗	CEILING MOUNTED EXIT LUMINAIRE
⊗ ⊗	WALL MOUNTED EXIT LUMINAIRE
⊗ ⊗	EXIT LUMINAIRE WITH EMERGENCY HEADS

FIRE ALARM

SYMBOL	DESCRIPTION
F	MANUAL PULL STATION
S	SMOKE DETECTOR
H	COMBINATION SET TEMPERATURE AND RATE OF RISE HEAT DETECTOR
CO	CARBON MONOXIDE DETECTOR
DSD	DUCT SMOKE DETECTOR
F 15 A/V	NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL # INDICATES STROBE CANDELA
F 15 V	NOTIFICATION APPLIANCE, VISUAL # INDICATES STROBE CANDELA
CO 15 A/V	CARBON MONOXIDE NOTIFICATION APPLIANCE, AUDIBLE AND VISUAL; # INDICATES STROBE CANDELA
DH	MAGNETIC DOOR HOLDER
TS	TAMPER SWITCH
WF	SPRINKLER WATERFLOW SWITCH (PADDLE OR PRESSURE SWITCH TYPE)
FSD	FAN SHUT DOWN RELAY
SD	SMOKE DAMPER
EC	ELEVATOR CAPTURE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATION PANEL
Ⓕ	FIRE ALARM SYSTEM SPEAKER
Ⓕ	FIRE ALARM SYSTEM SPEAKER, WALL MOUNTED

BRANCH CIRCUITING IDENTIFICATION


C1:3
A
NL
a
CIRCUIT DESIGNATION
SWITCH LEG
NIGHT LIGHT
FIXTURE TYPE
CIRCUIT DESIGNATION
42"
3
CENTER OF DEVICE BOX AFF & MISC INFO
M
EF-1
ITEM DESIGNATION, SEE ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR CONNECTION AND CIRCUIT DESIGNATION INFORMATION.

NOTES:

1. TYPICAL FOR ALL FIXTURES DEVICES & EQUIPMENT.
2. PANEL DESIGNATION WILL BE REFERENCED BY DRAWING NOTE FOR INDIVIDUAL ROOMS. SEE DRAWING NOTES ON EACH PLAN DRAWING.

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M/E Project #: 243033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

MICHAEL K. SULLIVAN
077887-1
Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

#	DATE	DESCRIPTION

Drawn By: SPW
Checked By: ACS
Proj. #: 44-01-02-06-0-002-019
CSArch Proj. #: 228-2401.02
Issued for Bid: 12/12/2025

Sheet Title

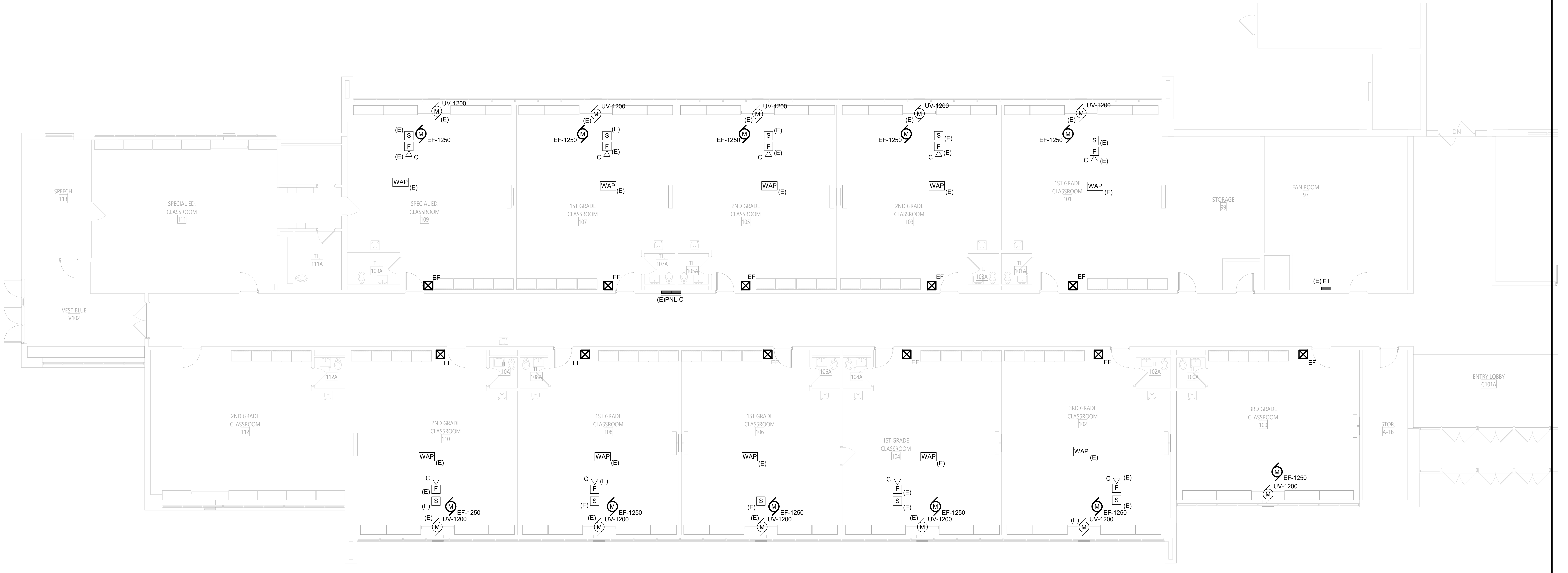
ELECTRICAL LEGEND NOTES & ABREVIATIONS

Sheet No.

TES E001

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_Washingtonville/TAFT_ELEC_Central_R24.rvt



1 PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA A

E100

1/8" = 1'-0"

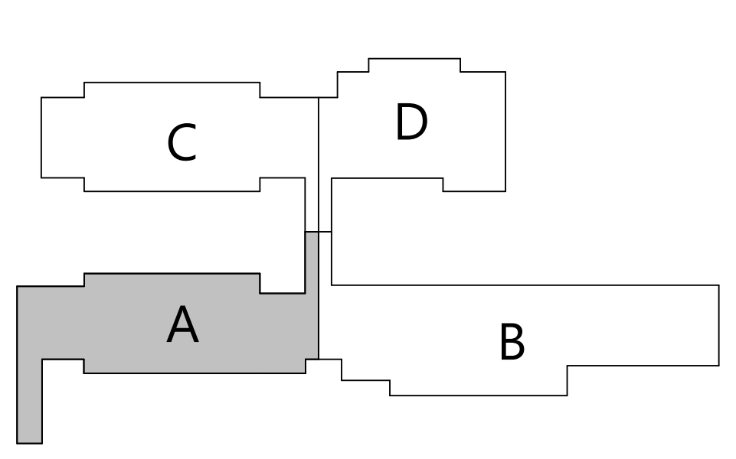
0' 4' 8' 16'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)#12G IN 3/4" CONDUIT

KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

MICHAEL K. SULLIVAN
077887-1

Reg. Exp: 05/31/2027
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Issued for Bid:	12/12/2025

Sheet Title

PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA A

Sheet No.

TES
E100

CONSTRUCTION DOCUMENTS

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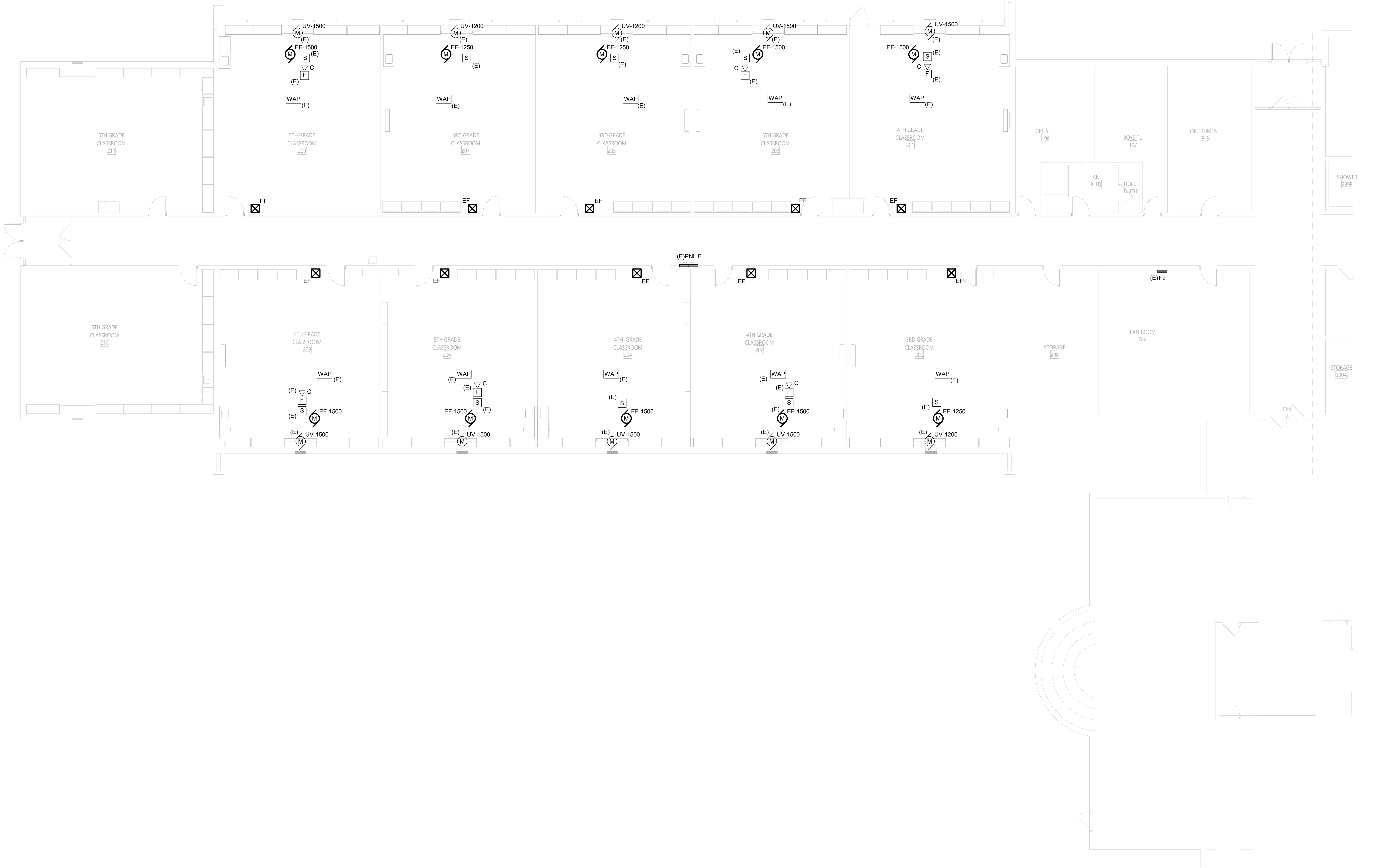
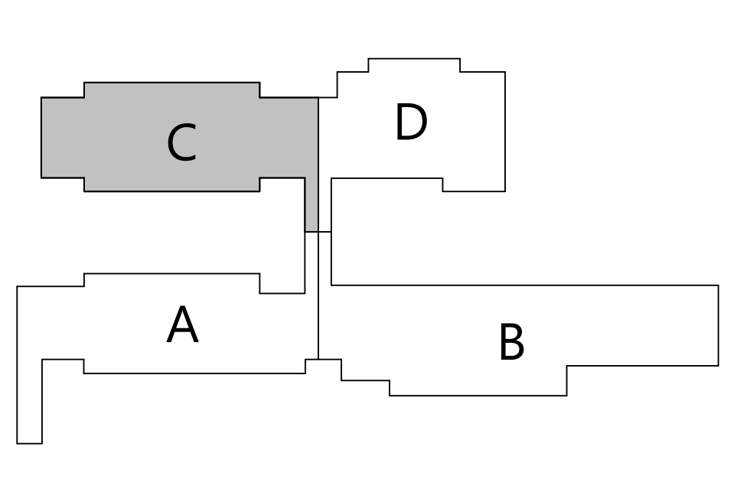


1
E101
PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA C
1/8" = 1'-0"

0' 4' 8' 16'

KEY PLAN



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TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

STATE OF NEW YORK
MICHAEL K. SULLIVAN
077887-1
LICENSED PROFESSIONAL ENGINEER

Reg. Exp: 05/31/2027
Cert. of Auth: 0018443

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Sheet Title

PARTIAL FIRST
FLOOR POWER
& SYSTEMS
PLAN - AREA C

Sheet No.

TES
E101

CONSTRUCTION DOCUMENTS

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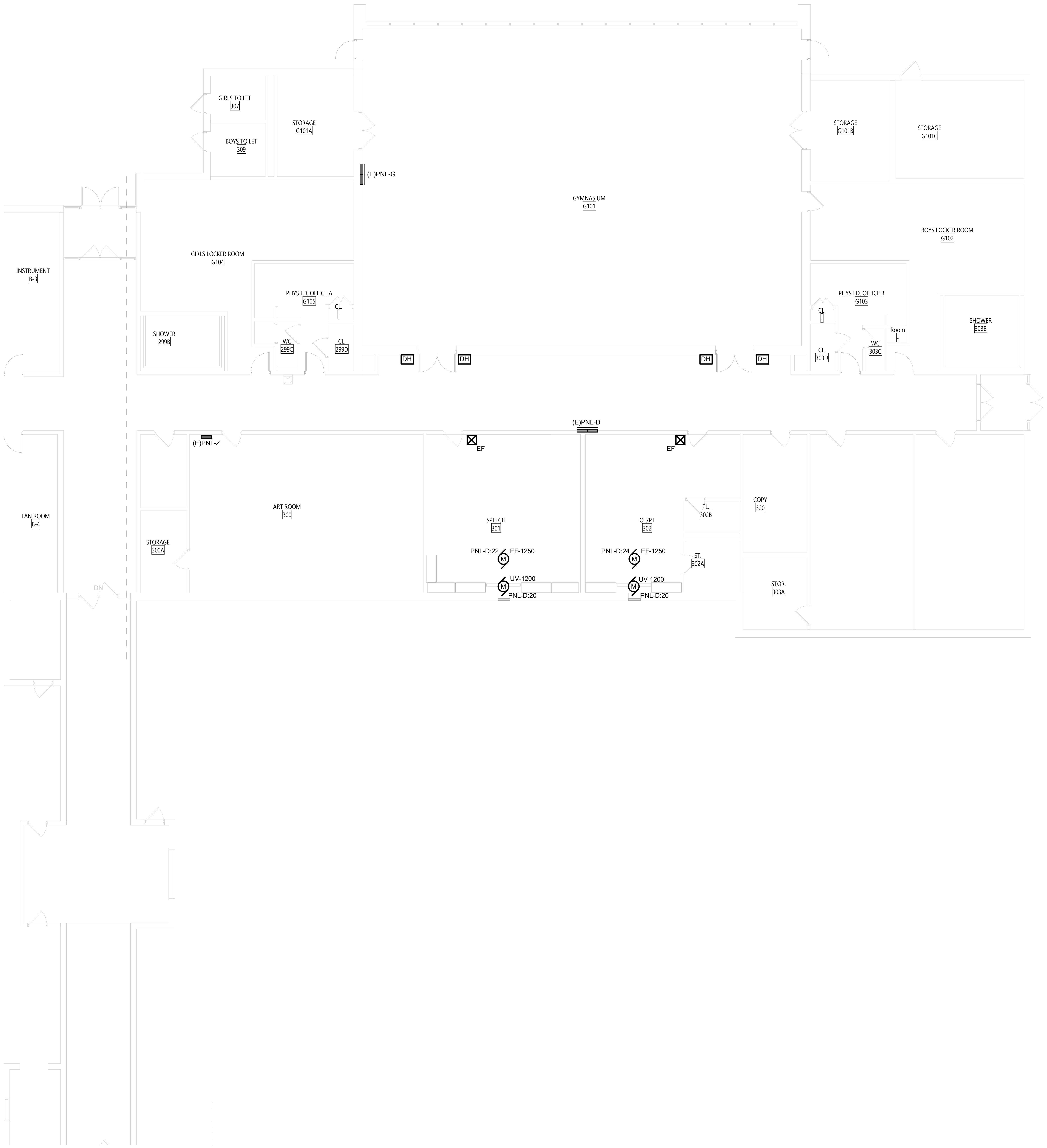
Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243033_WashingtonvilleTAFT_ELEC_Central_R24.rvt



1 PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA
E102 1/8" = 1'-0"

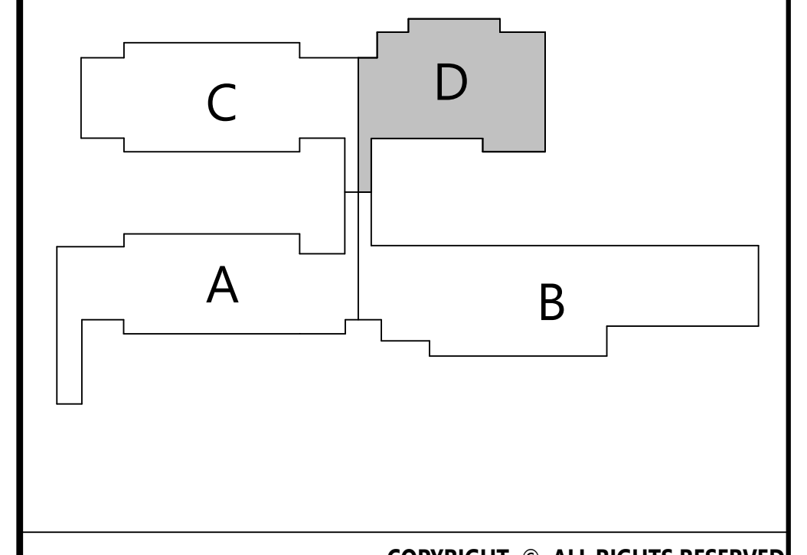
0' 4' 8' 16'

GENERAL NOTES

A. COORDINATE ALL WORK WITH OTHER TRADES

B. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2)#12, (1)#12G IN 3/4" CONDUIT

KEY PLAN



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2024 CAPITAL PROJECT - PHASE 2

MICHAEL K. SULLIVAN
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Sheet Title

PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN - AREA D

Sheet No.

TES
E102

CONSTRUCTION DOCUMENTS

EXISTING PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	F1	TYPE:	BRANCH
PROJECT NO.:	243033.00			MOUNTING:	SURFACE
FACILITY:	TAFT ELEMENTARY	VOLTAGE:	208 PHASE: 3	OCP TYPE:	MLO
LOCATION:	FAN ROOM 97	AIC:	10 WIRE: 4	BUS RATING:	100
		SOURCE:	PANEL MDP	MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
UV 101	1a	(E)15/1			1006							1470			(E)20/1	2a	**EXHAUST FAN 101**
UV 105	3b	(E)15/1			1006							1470			(E)20/1	4b	**EXHAUST FAN 102**
UV 109	5c	(E)15/1			1006							1470			(E)20/1	6c	**EXHAUST FAN 103**
UV 106	7a	(E)15/1			1006							1470			(E)20/1	8a	**EXHAUST FAN 104**
UV 100	9b	(E)15/1			1006							1470			(E)20/1	10b	**EXHAUST FAN 105**
UV 103	11c	(E)15/1			1006							1470			(E)20/1	12c	**EXHAUST FAN 106**
UV 107	13a	(E)15/1			1006							1470			(E)20/1	14a	**EXHAUST FAN 107**
UV 110	15b	(E)15/1			1006							1470			(E)20/1	16b	**EXHAUST FAN 108**
UV 108	17c	(E)15/1			1006							1470			(E)20/1	18c	**EXHAUST FAN 109**
UV 100	19a	(E)15/1			1006							1470			(E)20/1	20a	**EXHAUST FAN 110**
SPACE	21b											1470			(E)20/1	22b	**EXHAUST FAN 100**
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

EXISTING PANELBOARD DIRECTORY

M/E PROJECT:	WASHINGTONVILLE CSD 2024 CIP	PANEL NAME:	F2	TYPE:	BRANCH
PROJECT NO.:	243033.00			MOUNTING:	SURFACE
FACILITY:	TAFT ELEMENTARY	VOLTAGE:	208 PHASE: 3	OCP TYPE:	MLO
LOCATION:	FAN ROOM B-4	AIC:	10 WIRE: 4	BUS RATING:	100
		SOURCE:	PANEL MDP	MCB RATING:	

DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	A/C VA	HTG. VA	KIT VA	KIT VA	HTG. VA	A/C VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION
UV 201	1a	(E)15/1			1006							1470			(E)20/1	2a	**EXHAUST FAN 200**
UV 205	3b	(E)15/1			1006							1470			(E)20/1	4b	**EXHAUST FAN 201**
UV 208	5c	(E)15/1			1006							1470			(E)20/1	6c	**EXHAUST FAN 202**
UV 200	7a	(E)15/1			1006							1470			(E)20/1	8a	**EXHAUST FAN 203**
UV 204	9b	(E)15/1			1006							1470			(E)20/1	10b	**EXHAUST FAN 204**
UV 203	11c	(E)15/1			1006							1470			(E)20/1	12c	**EXHAUST FAN 205**
UV 207	13a	(E)15/1			1006							1470			(E)20/1	14a	**EXHAUST FAN 206**
UV 209	15b	(E)15/1			1006							1470			(E)20/1	16b	**EXHAUST FAN 207**
UV 202	17c	(E)15/1			1006							1470			(E)20/1	18c	**EXHAUST FAN 208**
UV 206	19a	(E)15/1			1006							1470			(E)20/1	20a	**EXHAUST FAN 209**
SPACE	21b															22b	SPACE
SPACE	23c															24c	SPACE
SPACE	25a															26a	SPACE
SPACE	27b															28b	SPACE
SPACE	29c															30c	SPACE
SPACE	31a															32a	SPACE
SPACE	33b															34b	SPACE
SPACE	35c															36c	SPACE
SPACE	37a															38a	SPACE
SPACE	39b															40b	SPACE
SPACE	41c															42c	SPACE

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

ABBREVIATIONS

AU	AT UNIT	IU	INTEGRAL WITH UNIT
B	ASD WITH BYPASS	M	MULTIPLE MOTOR ASD
ECB	ENCLOSED CIRCUIT BREAKER	NF	NON-FUSED
F	FUSED	R	ASD WITH REDUNDANT ASD
HOA	HAND-OFF-AUTO WITH RELAY	RE	REMOTE

GENERAL NOTES

A.	REFER TO SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS
B.	PROVIDE CONTROLLER SIZED PER HP/AMPS.
C.	LOCATIONS/QUANTITIES OF FIRE ALARM DUCT DETECTORS ARE SHOWN ON PLANS

EQUIPMENT								POWER SOURCE, PROTECTION & WIRING					MOTOR CONTROLLER								DISCONNECTING MEANS					CONNECTIONS				EQUIPMENT	
ITEM ID	NAME	ROOM LOCATION	HP	KW	AMPERAGE	PHASE	VOLTAGE	SOURCE	OCPD RATING	WIRING FROM SOURCE TO EQUIPMENT VIA CONTROLLER / DISCONNECTING MEANS			MANUAL MOTOR STARTER	MAGNETIC MOTOR STARTER	COMBINATION MAGNETIC STARTER AND SAFETY SWITCH	ADJUSTABLE SPEED DRIVE	PACKAGED CONTROL UNIT	NEMA ENCLOSURE TYPE	NEMA STARTER SIZE	LOCATION	SAFETY SWITCH	SAFETY SWITCH AMPERE RATING	FUSE/CB AMPERE RATING	NEMA ENCLOSURE TYPE	LOCATION	FIRE ALARM SHUTDOWN	FIRE ALARM DUCT DETECTOR(S)	MOTORIZED DAMPER	LINE VOLTAGE TEMPERATURE CONTROL	REFERENCE NOTES	ITEM ID
										PHASE	GROUND	CONDUIT																			
EF-1250	EXHAUST FAN	ROOF	1/2		9.8	1	120	VARIOUS	20A/1P	(2)#12	(1)#12	3/4"	X					1	0	RE	-	-	-	-	IU	X		X		1	EF-1250
EF-1500	EXHAUST FAN	ROOF	1/2		9.8	1	120	F2	20A/1P	(2)#12	(1)#12	3/4"	X					1	0	RE	-	-	-	-	IU	X		X		1	EF-1500

REFERENCE NOTES	
1	PROVIDE 24V CONNECTION FROM BMS SYSTEM TO MOTORIZED DAMPER

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
TAFT ELEMENTARY SCHOOL
2024 CAPITAL PROJECT - PHASE 2

MICHAEL K. SULLIVAN
077887-1
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CONSTRUCTION DOCUMENTS