SOMERS CENTRAL SCHOOL DISTRICT
VARIOUS UPGRADES AT:
PRIMROSE CAMPUS

PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

SOMERS HIGH SCHOOL

120 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT G1 - GENERAL CONSTRUCTION
CONTRACT P1 - PLUMBING CONSTRUCTION
CONTRACT M1 - MECHANICAL CONSTRUCTION
CONTRACT E1 - ELECTRICAL CONSTRUCTION

CONTRACT E1 - ELECTRICAL CONSTRUCTION

PE - DRAWING LIST

1) GENERAL	
PE-G 000	COVER SHEET AND GENERAL NOTES
PE-G 100	EXISTING FIRST FLOOR PLAN - PART 'A' | (FOR INFORMATION ONLY)
PE-G 101	CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B' | (FOR INFORMATION ONLY)
2) ARCHITECTURE	
PE-AD 100	FIRST FLOOR DEMOLITION PLAN - PART 'A'
PE-AD 101	FIRST FLOOR DEMOLITION PLAN - PART 'B'
PE-AD 430	RESTROOM UPGRADES DEMOLITION PLANS
PE-A 100	FIRST FLOOR PLAN - PART 'A'
PE-A 101	FIRST FLOOR PLAN - PART 'B'
PE-A 200	EXTERIOR BUILDING ELEVATIONS
PE-A 201	EXTERIOR BUILDING ELEVATIONS
PE-A 202	EXTERIOR BUILDING ELEVATIONS
PE-A 203	EXTERIOR BUILDING ELEVATIONS
PE-A 204	EXTERIOR BUILDING ELEVATIONS
PE-A 205	EXTERIOR BUILDING ELEVATIONS
PE-A 206	EXTERIOR BUILDING ELEVATIONS
PE-A 207	EXTERIOR BUILDING ELEVATIONS
PE-A 401	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES CLASSROOM TYPE 2
PE-A 402	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES CLASSROOM TYPE 18
PE-A 430	RESTROOM UPGRADES PROPOSED PLANS
PE-A 431	RESTROOM UPGRADES DETAILS, DOOR AND FINISH SCHEDULES
PE-A 450	ENLARGED CANOPY PLANS
PE-A 451	ENLARGED CANOPY SECTIONS AND DETAILS
PE-A 500	ARCHITECTURAL DETAILS
PE-A 501	ARCHITECTURAL CASEWORK DETAILS
PE-A 610	WINDOW SCHEDULE
PE-A 620	DOOR SCHEDULE
3) PLUMBING	
PE-P 001	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SCHEDULES
PE-P 100	FIRST FLOOR NEW WORK ENLARGEMENT PLAN
4) MECHANICAL	
PE-M 001	GENERAL NOTES, LEGENDS, AND ABBREVIATIONS
PE-MD 110	FIRST FLOOR DEMOLITION PLAN - PART 'A-M1' & PART 'A-M2'
PE-MD 111	FIRST FLOOR DEMOLITION PLAN - PART 'A-M3'
PE-MD 112	FIRST FLOOR DEMOLITION PLAN - PART 'A-M4' & PART 'A-'M5'
PE-MD 113	FIRST FLOOR DEMOLITION PLAN - PART 'B-M1'
PE-MD 114	FIRST FLOOR DEMOLITION PLAN - PART 'B-M2'
PE-MD 115	ROOF DEMOLITION PLAN - PART 'A'
PE-MD 116	ROOF DEMOLITION PLAN - PART 'B'
PE-M 110	FIRST FLOOR NEW WORK PLAN - PART 'A-M1' & PART 'A-M2'
PE-M 111	FIRST FLOOR NEW WORK PLAN - PART 'A-M3'
PE-M 112	FIRST FLOOR NEW WORK PLAN - PART 'A-M4' & PART 'A-'M5'
PE-M 113	FIRST FLOOR NEW WORK PLAN - PART 'B-M1'
PE-M 114	FIRST FLOOR NEW WORK PLAN - PART 'B-M2'
PE-M 115	ROOF NEW WORK PLAN - PART 'A'
PE-M 116	ROOF NEW WORK PLAN - PART 'B'
PE-M 500	DETAILS
PE-M 600	SCHEDULES
PE-M 601	SCHEDULES
PE-M 650	CONTROL DIAGRAMS
5) ELECTRICAL	
PE-E 001	LEGENDS
PE-ED 100	FIRST FLOOR DEMOLITION PLAN - PART 'A'
PE-ED 101	FIRST FLOOR & BASEMENT DEMOLITION PLAN - PART 'B'
PE-ED 102	ROOF DEMOLITION PLAN - PART 'A'
PE-ED 103	ROOF DEMOLITION PLAN - PART 'B'
PE-E 100	FIRST FLOOR NEW WORK PLAN - PART 'A'
PE-E 101	FIRST FLOOR & BASEMENT NEW WORK PLAN - PART 'B'
PE-E 102	ROOF NEW WORK PLAN - PART 'A'
PE-E 103	ROOF NEW WORK PLAN - PART 'B'
PE-E 400	ENLARGED CANOPY PLANS
PE-E 500	DETAILS
PE-E 600	SCHEDULES

HS - DRAWING LIST

1) GENERAL	
HS-G 100	EXISTING BASEMENT & FIRST FLOOR PLAN | AREA A
HS-G 101	EXISTING FIRST FLOOR PLAN | AREA B
HS-G 102	EXISTING SECOND FLOOR PLAN | AREA A
HS-G 103	EXISTING SECOND FLOOR PLAN | AREA B
HS-G 110	CODE COMPLIANCE INFORMATION
2) ARCHITECTURE	
HS-AD 100	DEMOLITION FLOOR PLANS - AREA A
HS-AD 101	FIRST FLOOR DEMOLITION PLAN - AREA B
HS-AD 102	SECOND FLOOR DEMOLITION PLAN - AREA B
HS-AD 430	RESTROOM UPGRADES DEMOLITION PLANS
HS-AD 440	MALE LOCKER ROOM | DEMOLITION PLANS, LEGENDS, AND NOTES
HS-AD 441	FEMALE LOCKER ROOM | DEMOLITION PLANS, LEGENDS, AND NOTES
HS-AD 450	GYM EXTERIOR RAMP DEMOLITION PLAN | ALTERNATE
HS-A 100	FIRST & SECOND FLOOR CONSTRUCTION PLAN - AREA A
HS-A 101	FIRST FLOOR CONSTRUCTION PLAN - AREA B
HS-A 102	SECOND FLOOR CONSTRUCTION PLAN - AREA B
HS-A 121	BASEMENT AND FIRST FLOOR RELECTED CEILING PLANS | AREAS A & B
HS-A 122	SECOND FLOOR REFLECTED CEILING PLAN- AREA B
HS-A 130	ROOF PLAN - AREA A
HS-A 131	ROOF PLAN - AREA B
HS-A 132	ROOF ELEVATIONS
HS-A 200	EXTERIOR ELEVATIONS
HS-A 201	EXTERIOR ELEVATIONS
HS-A 202	EXTERIOR ELEVATIONS
HS-A 203	EXTERIOR ELEVATIONS
HS-A 204	EXTERIOR ELEVATIONS
HS-A 205	EXTERIOR ELEVATIONS
HS-A 400	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE A-SCIENCE
HS-A 401	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE B-SCIENCE
HS-A 402	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE C-SCIENCE-RM 108D
HS-A 403	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE D-SCIENCE-RM 112A
HS-A 404	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE E-SCIENCE-RM 116A
HS-A 405	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE F-SCIENCE-RM 118A
HS-A 406	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE G-SCIENCE-RM 121A
HS-A 407	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE H-SCIENCE-RM 122A
HS-A 408	TOTS ROOM ENLARGED PLANS & ELEVATIONS UPGRADES | RM 135A
HS-A 409	FASHION ROOM ENLARGED PLANS & ELEVATIONS UPGRADES | RM 136A
HS-A 410	ENLARGED KITCHEN PLANS | LEVEL 1
HS-A 430	RESTROOM UPGRADES PROPOSED PLANS
HS-A 440	MALE LOCKER ROOM | CONSTRUCTION PLAN, LEGENDS, AND NOTES
HS-A 441	FEMALE LOCKER ROOM | CONSTRUCTION PLAN, LEGENDS, AND NOTES
HS-A 450	GYM EXTERIOR RAMP PROPOSED PLANS AND DETAILS | ALTERNATE
HS-A 451	GYM EXTERIOR RAMP PROPOSED CONDITIONS PLAN | ALTERNATE
HS-A 500	ARCHITECTURAL DETAILS
HS-A 501	ROOF & AWNING DETAILS
HS-A 502	CASEWORK DETAILS
HS-A 503	CASEWORK DETAILS
HS-A 504	CASEWORK DETAILS
HS-A 510	WINDOW SCHEDULE AND DETAILS
HS-A 610	DOOR SCHEDULE
3) FOOD SERVICE	
HS-FS 400	FOOD SERVICE LAYOUT PLAN | FIRST FLOOR
HS-FS 401	FOOD SERVICE REFRIGERANT PIPING PLAN | FIRST FLOOR
HS-FS 402	FOOD SERVICE CONDENSATE REMOVAL PLAN | FIRST FLOOR
HS-FS 403	FOOD SERVICE ELECTRICAL PLAN | FIRST FLOOR
HS-FS 404	FOOD SERVICE SPECIAL CONDITIONS PLAN | FIRST FLOOR
4) PLUMBING	
HS-P 001	PLUMBING GENERAL NOTES, LEGEND, AND ABBREVIATIONS
HS-P 001	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
HS-P 101	FIRST FLOOR CONSTRUCTION PLAN - AREA B
HS-P 200	ENLARGEMENT PLANS
HS-P 201	ENLARGEMENT PLANS
HS-P 500	PLUMBING DETAILS
HS-P 500	DETAILS
5) MECHANICAL	
HS-M 001	GENERAL NOTES, LEGENDS, AND ABBREVIATIONS
HS-MD 110	PARTIAL BASEMENT DEMOLITION PLAN
HS-MD 111	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A
HS-MD 112	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 113	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 114	PARTIAL FIRST FLOOR EXISTING PLAN - AREA B
HS-MD 115	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 116	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A
HS-MD 117	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 118	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 119	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 120	PARTIAL ROOF DEMOLITION PLAN
HS-MD 121	PARTIAL ROOF DEMOLITION PLAN
HS-M 110	PARTIAL BASEMENT NEW WORK PLAN
HS-M 111	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA A
HS-M 112	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 113	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 114	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 115	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA A
HS-M 116	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 117	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 118	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 119	PARTIAL ROOF NEW WORK PLAN
HS-M 120	PARTIAL ROOF NEW WORK PLAN
HS-M 500	DETAILS
HS-M 501	DETAILS
HS-M 502	DETAILS
HS-M 600	SCHEDULES
HS-M 601	SCHEDULES
HS-M 602	SCHEDULES
HS-M 650	CONTROL DIAGRAMS
HS-M 651	CONTROL DIAGRAMS
HS-M 652	CONTROL DIAGRAMS
HS-M 653	CONTROL DIAGRAMS
HS-M 654	CONTROL DIAGRAMS
6) ELECTRICAL	
HS-E 001	LEGENDS
HS-ED 100	BASEMENT & FIRST FLOOR DEMOLITION PLAN - AREA A
HS-ED 101	FIRST FLOOR DEMOLITION PLAN - AREA B
HS-ED 102	SECOND FLOOR DEMOLITION PLAN - AREA A
HS-ED 103	SECOND FLOOR DEMOLITION PLAN - AREA B
HS-ED 104	ROOF DEMOLITION PLAN - AREA B
HS-E 100	BASEMENT & FIRST FLOOR NEW WORK PLAN - AREA A
HS-E 101	FIRST FLOOR NEW WORK PLAN - AREA B
HS-E 102	SECOND FLOOR NEW WORK PLAN - AREA A
HS-E 103	SECOND FLOOR NEW WORK PLAN - AREA B
HS-E 104	ROOF NEW WORK PLAN - AREA B
HS-E 400	FIRST FLOOR ENLARGED KITCHEN PLANS
HS-E 401	FIRST FLOOR ENLARGED FASHION ROOM PLANS
HS-E 402	SCIENCE CLASSROOMS 107D, 108D, 109D ENLARGED PLANS
HS-E 403	SCIENCE CLASSROOMS 118A, 116A, & 112A ENLARGED PLANS
HS-E 500	DETAILS
HS-E 600	SCHEDULES

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

KATRINA N. PACHECO, R.A. 09/30/2029
NY PROFESSIONAL ARCHITECT Lic. No. 041183 Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. MANDIC	C. HENRY	L. RAUSCHER	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505-2508	NOVEMBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS CSD

110 & 120 PRIMROSE ST
LINCOLNDALE, NY 10540

PE - SED #: 66-21-01-06-0-002-017
HS - SED #: 66-21-01-06-0-003-023

CONTRACT
ALL CONTRACTS

STATUS
BID DOCUMENTS

SHEET TITLE
COVER SHEET

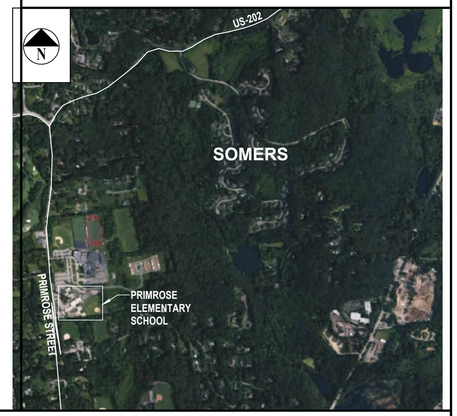
DRAWING No.
G 001.00

SOMERS CENTRAL SCHOOL DISTRICT
VARIOUS UPGRADES
AT PRIMROSE ELEMENTARY SCHOOL

CONTRACT G - GENERAL CONSTRUCTION
CONTRACT C - CIVIL CONSTRUCTION
CONTRACT P - PLUMBING CONSTRUCTION
CONTRACT M - MECHANICAL CONSTRUCTION
CONTRACT E - ELECTRICAL CONSTRUCTION

110 PRIMROSE STREET
LINCOLNDALE, NY 10540
SED #: 66-21-01-06-0-002-017

LOCATION MAP



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CONSULTANTS:

MARK	DATE	DESCRIPTION

SYMBOLS LEGEND

BRICK
BATT INSULATION
ROOM NAME / ROOM / 000 / ± S.F. / ROOM NUMBER / AREA — ROOM NUMBER DESIGNATION TAG
A — WINDOW ELEVATION KEY
1i — WALL TYPE
1 Title SCALE: 1/8" = 1'-0" — DRAWING TITLE
0 — COLUMN GRID
ACOUSTIC TILE / CERAMIC TILE
RIGID INSULATION
CONCRETE
GYPSUM BOARD
XX — REVISION TAG
1001A 1001A — DOOR NUMBER
CONCRETE BLOCK
PLYWOOD
12'-0" — PRIMARY CEILING HEIGHT TAG
+9'-8 S.F. — SECONDARY CEILING HEIGHT TAG
EARTH
WOOD BLOCKING
1 / A 101 — EXTERIOR ELEVATION
A / A 101 / A — INTERIOR ELEVATION
STEEL
WOOD
1 / A 101 — SECTION CUT
Ref 1 / FAD 100 — DETAIL KEY

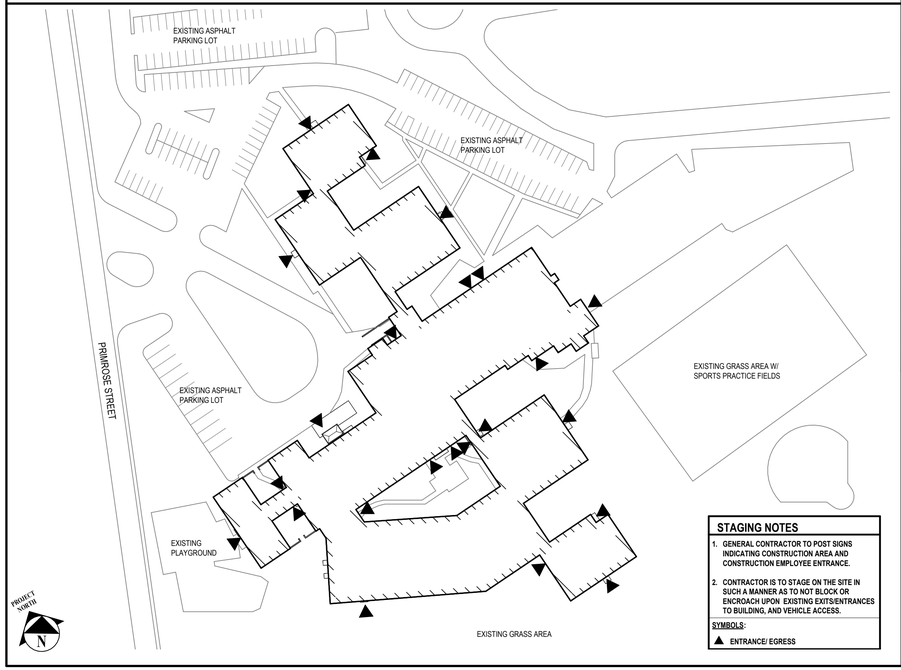
ABBREVIATIONS

AB	ANCHOR BOLT	DS	DOWN SPOUT	MR	MOISTURE RESISTANT
A/C	AIR CONDITIONING	DW	DISHWASHER	NIC	NOT IN CONTRACT
ACI	AMERICAN CONCRETE INSTITUTE	DWG	DRAWING	NTS	NOT TO SCALE
ACT	ACOUSTICAL CEILING TILE	EA	EACH	OC	ON CENTER
ACU	AIR CONDITIONING UNIT	EL	ELEVATION	OD	OUTSIDE DIAMETER
ADJ	ADJUSTABLE	ELEC	ELECTRIC/ELECTRICAL	PLYWD	PLYWOOD
A/E	ARCHITECT/ENGINEER	ELEV	ELEVATOR	PSF	POUNDS PER SQUARE FOOT
AFF	ABOVE FINISH FLOOR	EP	ELECTRICAL PANEL	PSI	POUNDS PER SQUARE INCH
ALUM	ALUMINUM	EPY	EPOXY COATING	PTD	PAINTED
ANCH	ANCHOR	EQ	EQUAL	PVC	POLYVINYL CHLORIDE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EQUIP	EQUIPMENT	R	RADIUS OR RISER
APA	ACCESS PANEL	EXIST	EXISTING	RCP	REFLECTED CEILING PLAN
APPROX	APPROXIMATELY	EXST	EXHAUST	RD	ROOF DRAIN
ASPH	ASPHALT	FAI	FRESH AIR INTAKE	REINF	REINFORCED
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	F.A.S.	FALL ARREST SYSTEM	RM	ROOM
AWS	AMERICAN WELDING SOCIETY	F.C.	FIRE CODE	RO	ROUGH OPENING
B	FIRE BLANKET	FD	FLOOR DRAIN	SIM	SIMILAR
BAL	BALANCE	FIN	FINISH	SPEC	SPECIFICATIONS
BB	BULLETIN BOARD	FR	FIRE RATED	SQ	SQUARE
BD	BOARD	FTG	FOOTING	SS	STAINLESS STEEL
BLDG	BUILDING	GA	GAUGE	STL	STEEL
BLK	BLOCK	GWB	GYPSUM WALL BOARD	TEMP	TEMPERATURE
BLKG	BLOCKING	GYP	GYPSUM	TER	TERRAZZO
BM	BEAM	FYP. BD.	GYPSUM BOARD	THK	THICK
B.O.	BOTTOM OF	HC	HANDICAPPED	T.O.	TOP OF
BOL	BOTTOM OF LINTEL	HM	HOLLOW METAL	TYP	TYPICAL
BOT	BOTTOM	HOR	HORIZONTAL	UTIL	UTILITY
CEIL	CEILING	HW	HOT WATER	VB	VAPOR BARRIER
CEM	CEMENT	INSUL	INSULATION/INSULATING	VCT	VINYL COMPOSITION TILE
CER	CERAMIC	INT	INTERIOR	VTR	VENT THRU ROOF
CLO	CLOSET	LAV	LAVATORY	WC	WATER CLOSET
CMU	CONCRETE MASONRY UNIT	LDR	LEADER	WH	WATER HEATER
COL	COLUMN	LT	LIGHT	WWF	WELDED WIRE FABRIC
CONC	CONCRETE	MAX	MAXIMUM		
CONST	CONSTRUCTION	MECH	MECHANICAL		
CONT	CONTINUOUS	MFR	MANUFACTURER		
CORR	CORRIDOR	MISC	MISCELLANEOUS		
CPT	CARPET	MO	MASONRY OPENING		

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AS WELL AS THE NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS
2. ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT.
4. DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOUT OF THE WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK.
5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS AND STATUTES AS REQUIRED. STRICTLY ADHERE TO MANUFACTURER'S PRINTED INSTRUCTIONS.
6. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
7. DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION, UNLESS NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE DAMAGED DURING CONSTRUCTION.
8. EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI ICC A117.1 AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS
9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.
10. THE CONTRACTOR SHALL MAINTAIN, AT THE SITE, ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION.
11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.
12. THE CONTRACTOR BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT THEY HAVE INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER PRIOR TO THE SUBMISSION OF BIDS. FAILURE TO DO SO WILL NOT RESULT IN A CHANGE TO THE CONTRACT PRICE IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE ALL NECESSARY ACCOMMODATIONS TO COMPLETE THE SCOPE OF WORK.
13. CONTRACTORS SHALL POST A COPY OF THE PERMIT ISSUED BY THE N.Y.S. EDUCATION DEPARTMENT DURING THE ENTIRE DURATION OF PROJECT.
14. FOLLOW MANUFACTURER RECOMMENDATIONS FOR ALL HARDWARE AND FASTENERS INTO TREATED WOODS AND METALS.

STAGING PLAN (N.T.S.)



STAGING NOTES

1. GENERAL CONTRACTOR TO POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE.
2. CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS.

SYMBOLS:
▲ ENTRANCE/ EGRESS

DRAWING LIST

1) GENERAL		PE-A 401	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES CLASSROOM TYPE 2	PE-M 111	FIRST FLOOR NEW WORK PLAN - PART 'A-M3'
PE-G 000	COVER SHEET AND GENERAL NOTES	PE-A 402	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES CLASSROOM TYPE 18	PE-M 112	FIRST FLOOR NEW WORK PLAN - PART 'A-M4' & PART 'A-'M5'
PE-G 100	EXISTING FIRST FLOOR PLAN - PART 'A' | (FOR INFORMATION ONLY)	PE-A 430	RESTROOM UPGRADES PROPOSED PLANS	PE-M 113	FIRST FLOOR NEW WORK PLAN - PART 'B-M1'
PE-G 101	CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B' | (FOR INFORMATION ONLY)	PE-A 431	RESTROOM UPGRADES DETAILS, DOOR AND FINISH SCHEDULES	PE-M 114	FIRST FLOOR NEW WORK PLAN - PART 'B-M2'
2) CIVIL		PE-A 450	ENLARGED CANOPY PLANS	PE-M 115	ROOF NEW WORK PLAN - PART 'A'
PE-CD 100	EXISTING CONDITIONS & DEMOLITION PLAN	PE-A 451	ENLARGED CANOPY SECTIONS AND DETAILS	PE-M 116	ROOF NEW WORK PLAN - PART 'B'
PE-CS 100	DIMENSIONAL SITE PLAN	PE-A 500	ARCHITECTURAL DETAILS	PE-M 500	DETAILS
PE-C 100	GRADING & DRAINAGE PLAN	PE-A 501	ARCHITECTURAL CASEWORK DETAILS	PE-M 600	SCHEDULES
PE-C 500	SITE DETAILS	PE-A 610	WINDOW SCHEDULE	PE-M 601	SCHEDULES
4) ARCHITECTURE		PE-A 620	DOOR SCHEDULE	PE-M 650	CONTROL DIAGRAMS
PE-AD 100	FIRST FLOOR DEMOLITION PLAN - PART 'A'	5) PLUMBING		7) ELECTRICAL	
PE-AD 101	FIRST FLOOR DEMOLITION PLAN - PART 'B'	PE-P 001	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SCHEDULES	PE-E 001	LEGENDS
PE-AD 430	RESTROOM UPGRADES DEMOLITION PLANS	PE-P 100	FIRST FLOOR NEW WORK ENLARGEMENT PLAN	PE-ED 100	FIRST FLOOR DEMOLITION PLAN - PART 'A'
PE-A 100	FIRST FLOOR PLAN - PART 'A'	6) MECHANICAL		PE-ED 101	FIRST FLOOR & BASEMENT DEMOLITION PLAN - PART 'B'
PE-A 101	FIRST FLOOR PLAN - PART 'B'	PE-M 001	GENERAL NOTES, LEGENDS, AND ABBREVIATIONS	PE-ED 102	ROOF DEMOLITION PLAN - PART 'A'
PE-A 200	EXTERIOR BUILDING ELEVATIONS	PE-MD 110	FIRST FLOOR DEMOLITION PLAN - PART 'A-M1' & PART 'A-M2'	PE-ED 103	ROOF DEMOLITION PLAN - PART 'B'
PE-A 201	EXTERIOR BUILDING ELEVATIONS	PE-MD 111	FIRST FLOOR DEMOLITION PLAN - PART 'A-M3'	PE-E 100	FIRST FLOOR NEW WORK PLAN - PART 'A'
PE-A 202	EXTERIOR BUILDING ELEVATIONS	PE-MD 112	FIRST FLOOR DEMOLITION PLAN - PART 'A-M4' & PART 'A-'M5'	PE-E 101	FIRST FLOOR & BASEMENT NEW WORK PLAN - PART 'B'
PE-A 203	EXTERIOR BUILDING ELEVATIONS	PE-MD 113	FIRST FLOOR DEMOLITION PLAN - PART 'B-M1'	PE-E 102	ROOF NEW WORK PLAN - PART 'A'
PE-A 204	EXTERIOR BUILDING ELEVATIONS	PE-MD 114	FIRST FLOOR DEMOLITION PLAN - PART 'B-M2'	PE-E 103	ROOF NEW WORK PLAN - PART 'B'
PE-A 205	EXTERIOR BUILDING ELEVATIONS	PE-MD 115	ROOF DEMOLITION PLAN - PART 'A'	PE-E 400	ENLARGED CANOPY PLANS
PE-A 206	EXTERIOR BUILDING ELEVATIONS	PE-MD 116	ROOF DEMOLITION PLAN - PART 'B'	PE-E 500	DETAILS
PE-A 207	EXTERIOR BUILDING ELEVATIONS	PE-M 110	FIRST FLOOR NEW WORK PLAN - PART 'A-M1' & PART 'A-M2'	PE-E 600	SCHEDULES

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183 Exp. Date
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M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
ALL CONTRACTS

STATUS
FOR BID

SHEET TITLE
COVER SHEET AND GENERAL NOTES

DRAWING No.
PE-G 000.00

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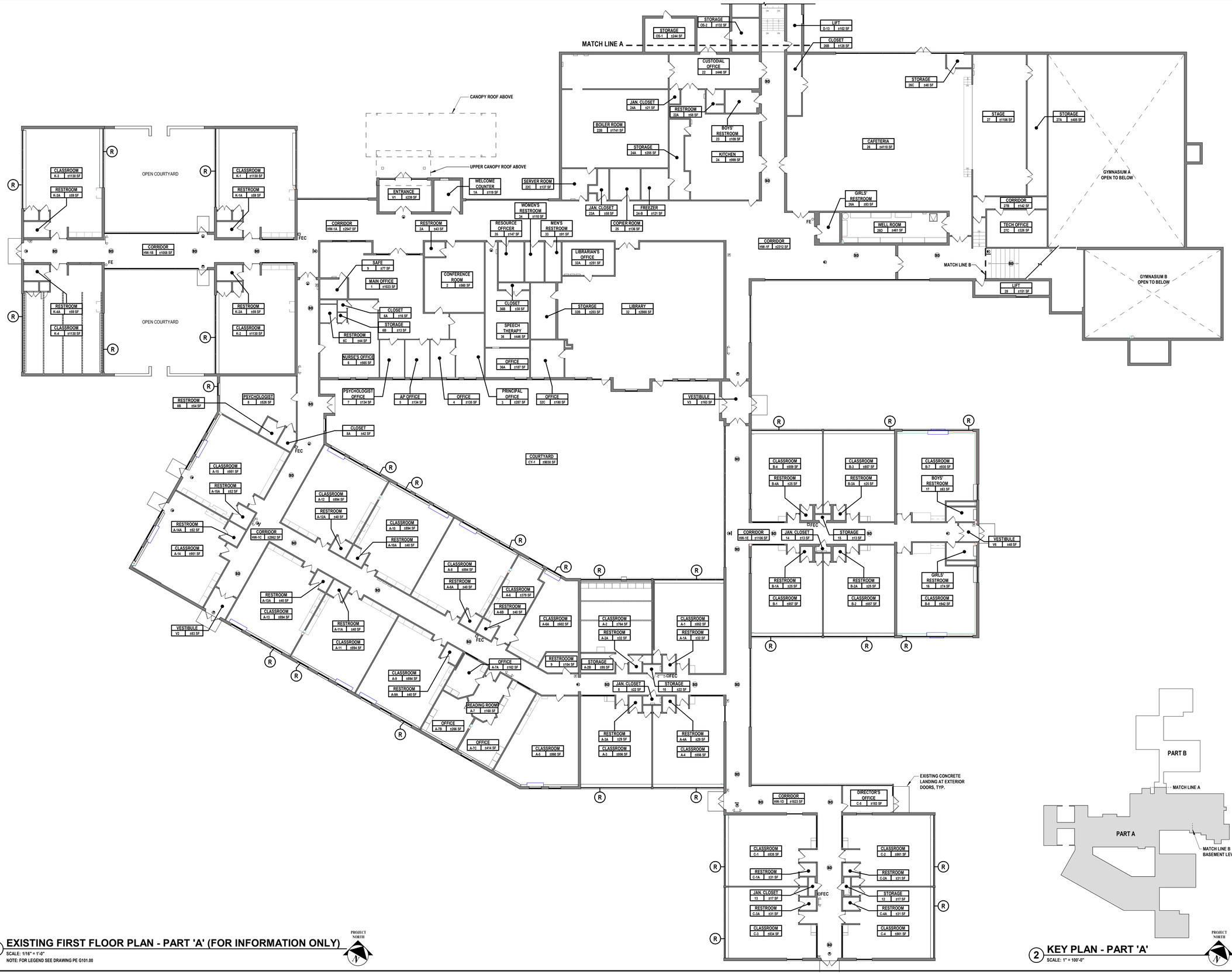

1 EXISTING FIRST FLOOR PLAN - PART 'A' (FOR INFORMATION ONLY)

SCALE: 1/16" = 1'-0"

NOTE: FOR LEGEND SEE DRAWING PE G101.00

PROJECT NORTH

2 KEY PLAN - PART 'A'

SCALE: 1" = 100'-0"

PROJECT NORTH

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110 PRIMROSE STREET
LINCOLNDALE, NY 10540

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SHEET TITLE

EXISTING FIRST FLOOR PLAN - PART 'A' (FOR INFORMATION ONLY)

DRAWING No.

PE-G 100.00

LEGEND

ROOM NAME / ROOM / 000 ± S.F. / ROOM NUMBER / AREA	ROOM NUMBER DESIGNATION TAG
FE / FEC	EXISTING FIRE EXTINGUISHER / EXISTING FIRE EXTINGUISHER CABINET
F	EXISTING PULL STATION
ST	EXISTING FIRE ALARM STROBE
H	EXISTING HORN / STROBE COMBO
H	EXISTING FIRE ALARM HORN
B	EXISTING FIRE ALARM BELL
AED	EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR
SD	EXISTING SMOKE DETECTOR
	EXISTING EXIT SIGN
EL	EXISTING EMERGENCY LIGHTING
EX / EL	EXISTING EXIT SIGN AND EMERGENCY LIGHTING
R	INDICATES EXISTING WINDOW LOCATIONS

BUILDING CODE OF NEW YORK STATE

(EXISTING BUILDING CODE OF NYS)

	EXISTING	ALLOWED	PROPOSED
BUILDING OCCUPANCY	EDUCATIONAL (GROUP E)	EDUCATIONAL (GROUP E)	NO CHANGE
CONSTRUCTION CLASSIFICATION	IIB	IIB	NO CHANGE
HEIGHT (STORIES)	1	2	NO CHANGE
HEIGHT (FEET)	17'-8"	55	NO CHANGE

APPLICABLE BUILDING CODES

- NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS 2022
- 2025 BUILDING CODE OF NEW YORK STATE
- 2025 EXISTING BUILDING CODE OF NEW YORK STATE
- 2025 FIRE CODE OF NEW YORK STATE
- 2025 MECHANICAL CODE OF NEW YORK STATE
- 2025 PLUMBING CODE OF NEW YORK STATE
- 2025 FUEL GAS CODE OF NEW YORK STATE
- NFPA 70 - NATIONAL ELECTRICAL CODE - 2023 EDITION
- ACCESSIBLE BUILDINGS ICC/ANSI A117.1- 2017 EDITION
- AMERICANS WITH DISABILITIES ACT

2025 EXISTING BUILDING CODE OF NEW YORK STATE COMPLIANCE & PROJECT SCOPE

ALTERATION - LEVEL 1

EBCNYS CHAPTER 6 - CLASSIFICATION OF WORK

SECTION 602- ALTERATION - LEVEL 1

602.1 SCOPE: LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

602.2 APPLICATION: LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

EBCNYS CHAPTER 7 - ALTERATIONS - LEVEL 1

SECTION 701 - GENERAL

701.1 SCOPE: LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

ALTERATION WORK AT THIS BUILDING CONSISTS OF THE FOLLOWING:

INTERIOR
1. REMOVAL AND REPLACEMENT OF ELECTRICAL PANEL BOARDS.
2. RESTROOM PLUMBING FIXTURE AND FINISHES REPLACEMENTS.
3. REPLACEMENT OF FLOORING THROUGHOUT.
4. REPLACEMENT OF MAIN OFFICE SUITE WIRE GLASS WINDOWS AND UPGRADES TO SAFETY GLASS.

EXTERIOR
1. REMOVAL AND REPLACEMENT OF FRONT ENTRY PAVILION & ATTACHED CANOPY.
2. REPOINTING OF EXTERIOR MASONRY.
3. REMOVAL AND REPLACEMENT OF LOUVERS.
4. REMOVAL AND REPLACEMENT OF DOOR THRESHOLDS AND CONCRETE LANDINGS.
5. REMOVAL AND REPLACEMENT OF UNDERGROUND WATER STORAGE TANKS.

GENERAL CODE NOTES - ALTERATION LEVEL 1

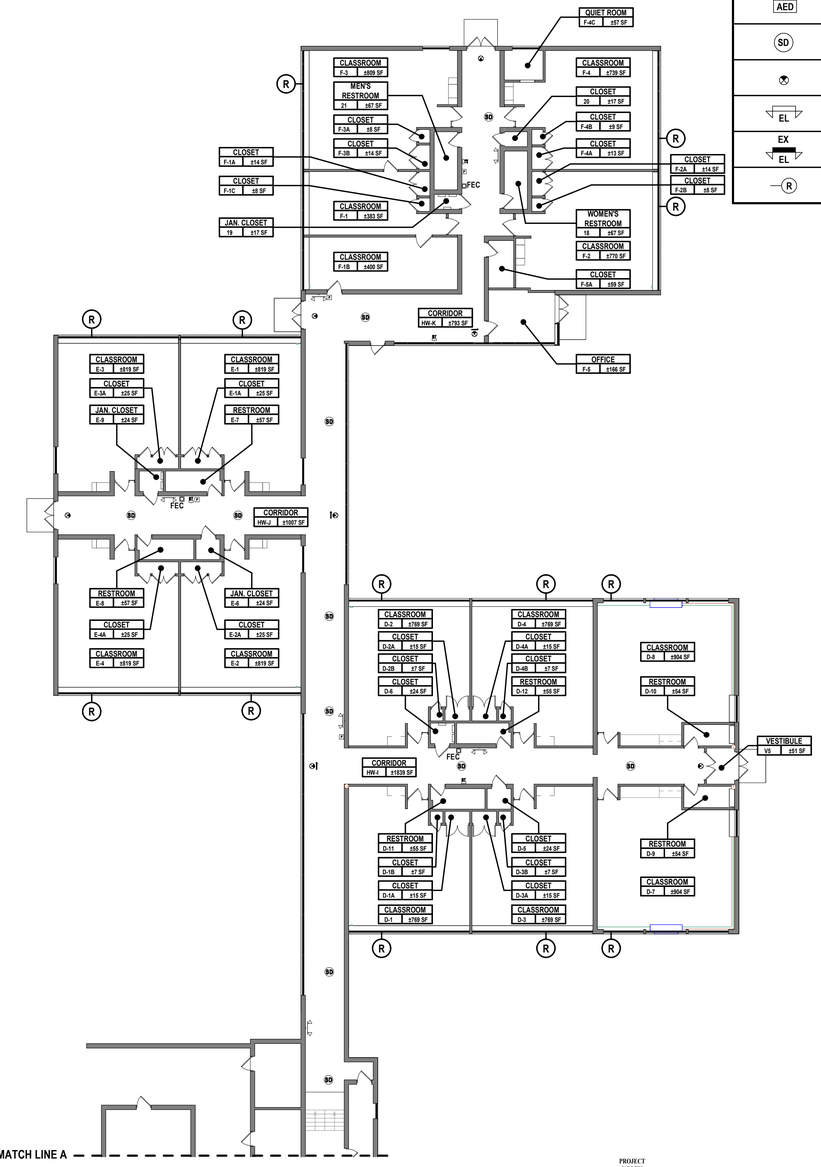
(NYS EXISTING BUILDING CODE)

1. "THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE", IS CLASSIFIED AS AN ALTERATION LEVEL 1 PER EBCNYS SECTION 602.1.
2. EXISTING EGRESS SHALL BE MAINTAINED. EXISTING EXIT SIGNS TO REMAIN (TYP. FOR ALL)
3. EXISTING ACCESSIBILITY SHALL BE MAINTAINED. IT IS CONSIDERED TECHNICALLY INFEASIBLE TO INCREASE ACCESSIBILITY FOR EXISTING DOORS RECESSED WITHIN EXISTING CONSTRUCTION AS EXISTING CONDITIONS PROHIBIT MODIFICATION NECESSARY TO PROVIDE ACCESSIBILITY.
4. EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).
5. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SQ. FT. TO BE FULLY TEMPERED SAFETY GLASS PER 2406.1.
6. ACCESSIBLE ENTRANCES AND EXITS ARE PROVIDED AS REQUIRED INTO THE BUILDING FROM THE EXTERIOR PER 1105.1.
7. INTERIOR GLAZING SIZES AND TYPES SHALL COMPLY WITH FIRE RATING (UL 263, ASTM E119) PER 703.6.

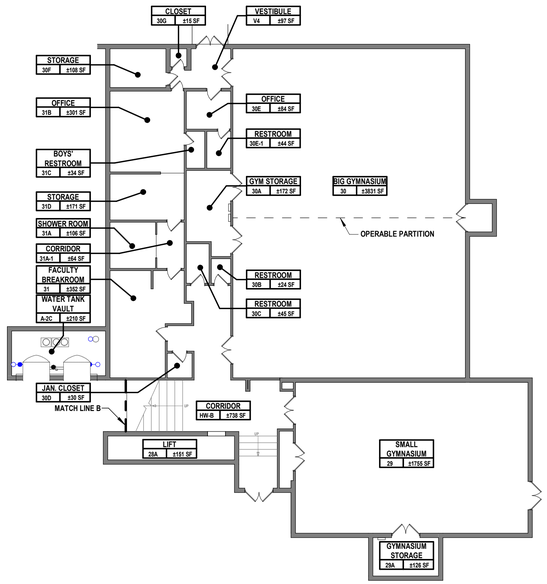
CHAPTER 7 - ALTERATION LEVEL 1

(EXISTING BUILDING CODE OF NYS)

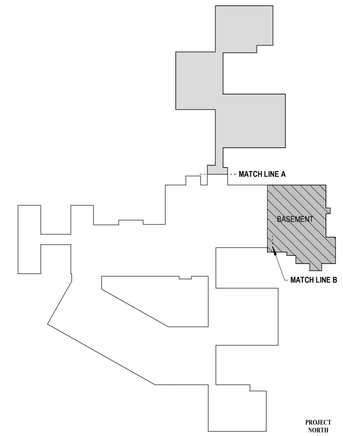
CODE SECTION	REQUIRED/ALLOWED	ACTUAL AND PROPOSED
SECTION 701.1	LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7	WORK SHALL COMPLY WITH THE BCNYS AND NYSED MANUAL OF PLANNING STANDARDS
SECTION 702 BUILDING ELEMENTS AND MATERIALS	NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE	COMPLIES
SECTION 703 FIRE SEPARATION	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.	COMPLIES
SECTION 704 MEANS OF EGRESS	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF MEANS OF EGRESS PROVIDED.	COMPLIES
SECTION 706 STRUCTURAL	WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.	DOES NOT APPLY
SECTION 708 ENERGY CONSERVATION	LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	DOES NOT APPLY



1 EXISTING FIRST FLOOR PLAN - PART 'B' (FOR INFORMATION ONLY)
SCALE: 1/16" = 1'-0"



2 EXISTING BASEMENT (FOR INFORMATION ONLY)
SCALE: 1/16" = 1'-0"



3 KEY PLAN - PART 'B'
SCALE: 1" = 100'-0"

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CONTRACT

ALL CONTRACTS

STATUS

FOR BID

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CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B' (FOR INFORMATION ONLY)

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PE-G 101.00

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Crosswalk
Double Yellow Stripe
Solid White Stripe
12" Concrete
Stop Bar
Rim 506.49
Inv. N 502.0
Inv. S 502.3
Bottom 502.5
3x5
Rim 508.27
Filled with Debris
Concrete Walk
Solid Yellow Stripe
4' Post and Rail Fence
6' Chain Link Fence Enclosure
Gate
Transformer on Concrete Pad
Cluster
Wood Chips
Rim 511.95
Inv. W 507.2
4x2.5
Rim 511.75
Inv. E 507.1
4x2.5
Rim 518.04
Inv. W 513.5
Inv. E 513.3
3x3
Rim 517.27
Inv. E 513.1
Inv. W 513.0
Inv. W 512.9
Bottom 513.0
4.0
Concrete Fuel Pad
Vertical Pipe
Inv519.18
Inv519.03
Rim527.39
Inv523.39
Inv523.24
Stone Wall
Concrete Steps
Concrete Loading Dock
Metal Guide Rail
Electric Panel
Gas Service
6' Vinyl Fence
Rim 522.83
Inv. NW 518.9
Inv. E 518.7
Inv. S 518.7
Bottom 517.5
4.0
Column (Typical)
Metal Roof Over Storage
Roof Gutter
Rigid Gutter
Benchmark
Square Cut Set
Elevation 523.71
Brick Wall
Inv522.28
Inv522.13
One Story Brick Building
Asphalt Walk
Concrete
Ent El. 524.44
Gate
Ent El. 524.42
Ent El. 524.0
Ent El. 518.83
Ent El. 518.63
Ent El. 518.43
Ent El. 518.23
Ent El. 518.03
Ent El. 517.83
Ent El. 517.63
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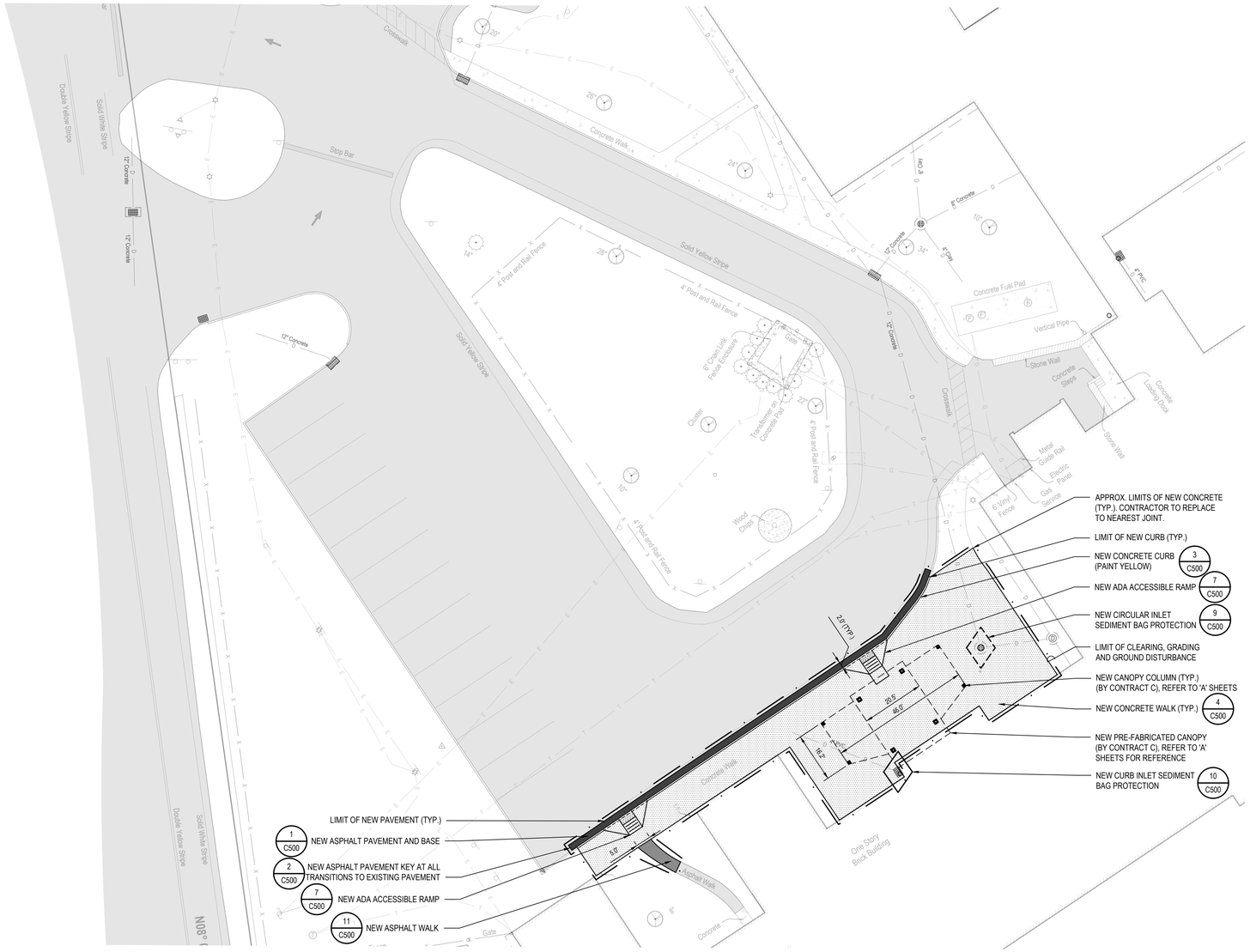
Ent El.



SITE IMPROVEMENTS LEGEND

DESCRIPTION	SYMBOL
CURB	
CONCRETE DROP CURB	
ASPHALT PAVEMENT	
ASPHALT WALK	
CONCRETE PAVEMENT SIDEWALK	
NEW CURB INLET SEDIMENT BAG	
NEW CIRCULAR INLET SEDIMENT BAG	

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE CIVIL DRAWINGS FOR THE LAYOUT AND CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. REPORT ANY DISCREPANCIES BETWEEN CIVIL, ARCHITECTURE AND STRUCTURAL DRAWINGS IN WRITING TO THE CIVIL ENGINEER PRIOR TO CONSTRUCTION.
3. NOTIFY THE OWNER AND H2M (TELEPHONE 914-358-5623) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
4. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
5. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
6. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
7. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
8. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
9. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
10. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
11. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
12. SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE = 0.11 ACRES

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

1. PURSUANT TO THE REQUIREMENTS OF SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-25-001 ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THIS PROJECT. ADHERE TO AND IMPLEMENT ALL REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
2. REVIEW THE SWPPP AND SIGN IN THE LOCATION SHOWN STATING THAT ALL WORK PERTAINING TO EROSION AND SEDIMENT CONTROL WILL BE PERFORMED WITHIN REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
3. THE OWNER SHALL PROVIDE A QUALIFIED INSPECTOR WHO WILL PERFORM WEEKLY INSPECTIONS AT THE CONSTRUCTION SITE. THE QUALIFIED INSPECTOR SHALL MEET THE REQUIREMENTS OUTLINED IN SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-25-001). IF THE INSPECTIONS FIND ANY DEVIATIONS FROM THE SWPPP OR THE EROSION AND SEDIMENT CONTROL PLAN IT WILL BE NOTED. THE CONTRACTOR WILL HAVE 7 DAYS TO CORRECT ANY DEVIATIONS SO THAT IT COMPLIES WITH THE REQUIREMENTS OF THE SWPPP AND OR EROSION AND SEDIMENT CONTROL PLAN. IN THE EVENT THAT MORE THAN 5 ACRES OF SOIL IS DISTURBED AT ANY TIME, 2 WEEKLY INSPECTIONS WILL BE PERFORMED.

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CONSULTANTS:

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STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2020
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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CONTRACT C
CIVIL / SITE CONSTRUCTION

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SHEET TITLE

DIMENSIONAL SITE PLAN

DRAWING No.

PE-CS 100.00

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SITE IMPROVEMENTS LEGEND

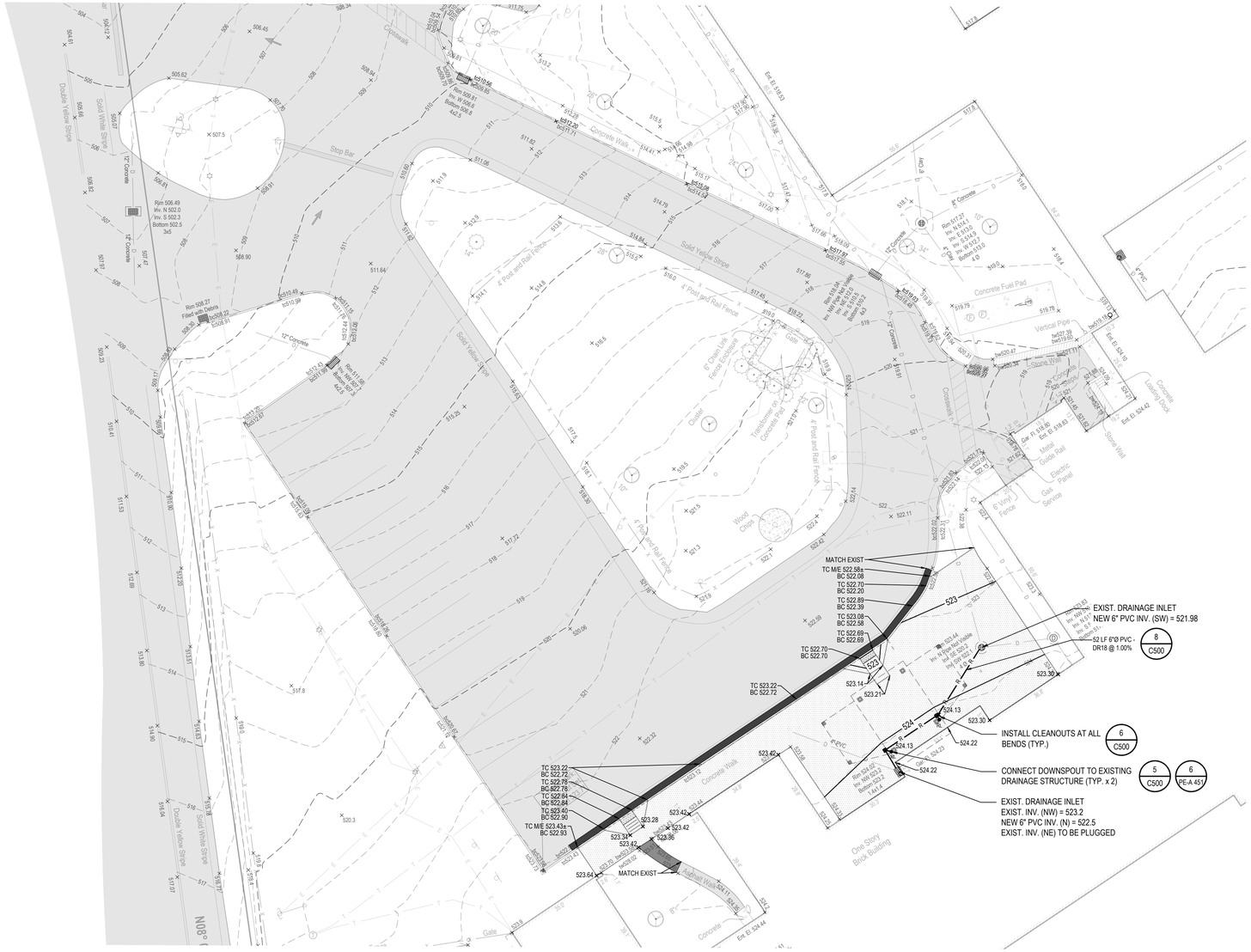
DESCRIPTION	SYMBOL
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MINOR CONTOUR	241
ROOF LEADER	O_{RL}
ROOF LEADER LINE	R — R
CLEAN OUT	
HANDICAP RAMP	

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF ALL ROOF DRAINS.
3. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
4. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
5. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PIPE MATERIAL SPECIFICATIONS:

- ROOF LEADER CONNECTIONS: 6"Ø PVC-DR18



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SED# 66-21-01-06-0-002-017

CONTRACT

CONTRACT C CIVIL / SITE CONSTRUCTION

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SHEET TITLE

GRADING & DRAINAGE PLAN

DRAWING No.

PE-C 100.00

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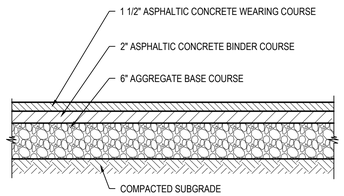
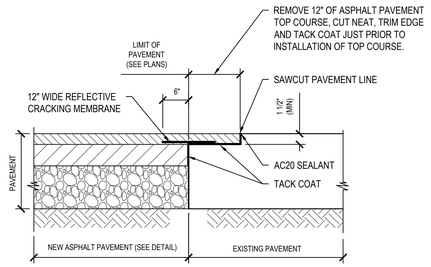


NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

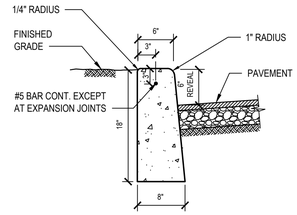
1 Asphalt Pavement - Standard Duty

SCALE: NTS (321216.13 H2MX1) - U



2 New Asphalt Pavement Key to Existing Asphalt Pavement - Standard Duty

NTS

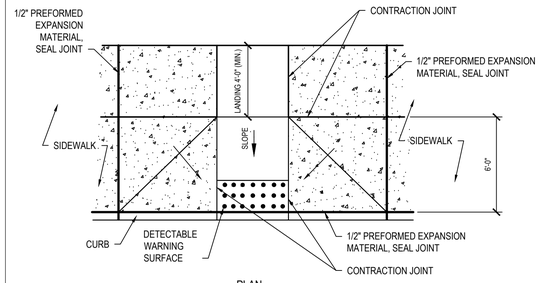


NOTES:

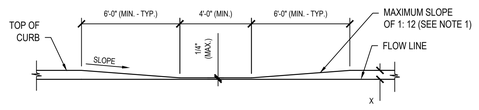
1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

3 Concrete Curb

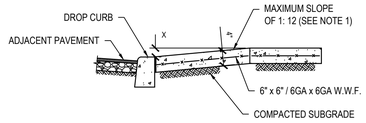
SCALE: NTS (321613.16 H2MX1)



PLAN



ELEVATION



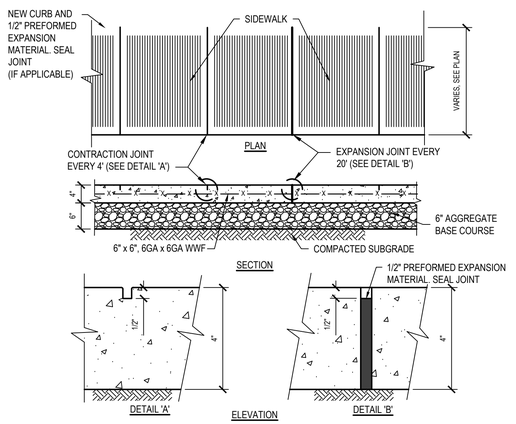
SECTION

NOTES:

1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.)
5. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
6. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
7. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
8. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

7 Concrete Handicap Ramp - Mid Block - Flare

SCALE: NTS (321313.36 H2MX2) - U

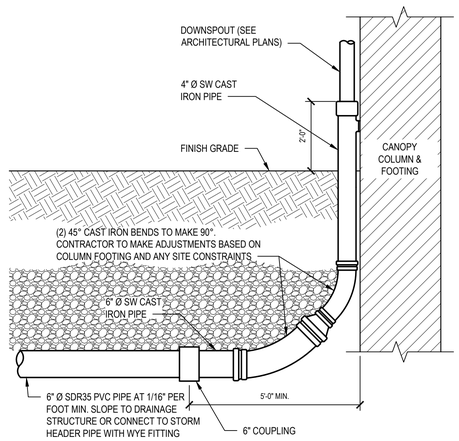


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

4 Concrete Sidewalk

SCALE: NTS 321313.33 H2MX1

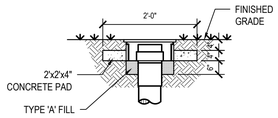


5 Downspout Boot

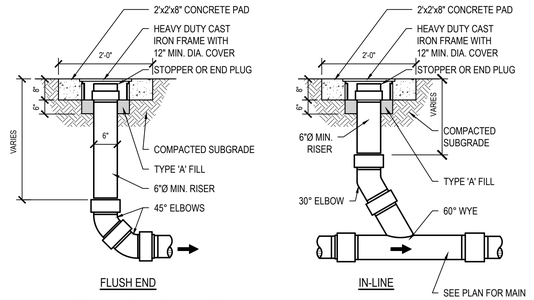
SCALE: NTS 334211.33

NOTES:

1. CAST IRON FRAME AND COVER MUST BE CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
3. CONCRETE PAD MAY BE OMITTED FOR CLEANOUTS IN CONCRETE SIDEWALKS.

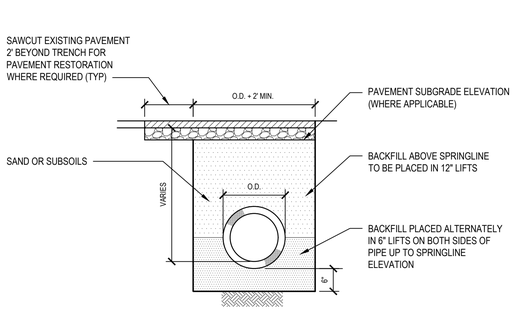


ALTERNATE CONDITION FOR LAWN AND LANDSCAPED AREAS



6 Storm Drainage Cleanout

SCALE: NTS (334915.00 H2MX1)



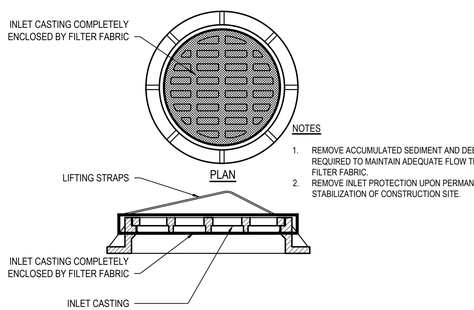
NOTES:

1. IF DEPTH OF TRENCH EXCEEDS 5', THE CONTRACTOR MUST PROVIDE SHEETING AND BRACING OR A SHEETING BOX IN ACCORDANCE WITH OSHA REGULATIONS. AS AN ALTERNATIVE, IF PERMITTED BY THE ENGINEER, THE TRENCH WALLS MAY BE CUT BACK TO A 1:1 SLOPE OR THE NATURAL ANGLE OF REPOSE FOR THE SOIL, WHICHEVER IS GREATER.
2. WITHIN 9" OF PAVEMENT SUBGRADE ELEVATION (WHERE APPLICABLE) COMPACT BACKFILL TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL OTHER BACKFILL MATERIAL TO BE COMPACTED TO 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

8 Pipe Trench

SCALE: NTS 312333.00 (H2MX1) - U

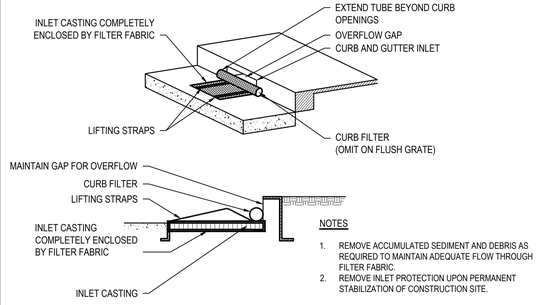
FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft²	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1



9 Circular Inlet Sediment Bag Protection

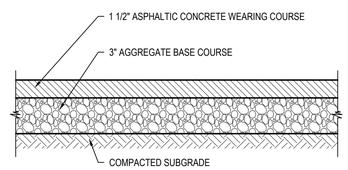
SCALE: NTS 312553.13 H2MX2

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ff	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1



10 Curb Inlet Sediment Bag Protection

SCALE: NTS (312553.13 H2MX1) - U



NOTE:
COMPACT SUBGRADE TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.

11 Asphalt Pavement - Walkway

SCALE: NTS SPECIFICATION #

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2025
MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569
EXP. DATE

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED# 66-21-01-06-0-002-017

CONTRACT
CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
SITE DETAILS

DRAWING No.
PE-C 500.00

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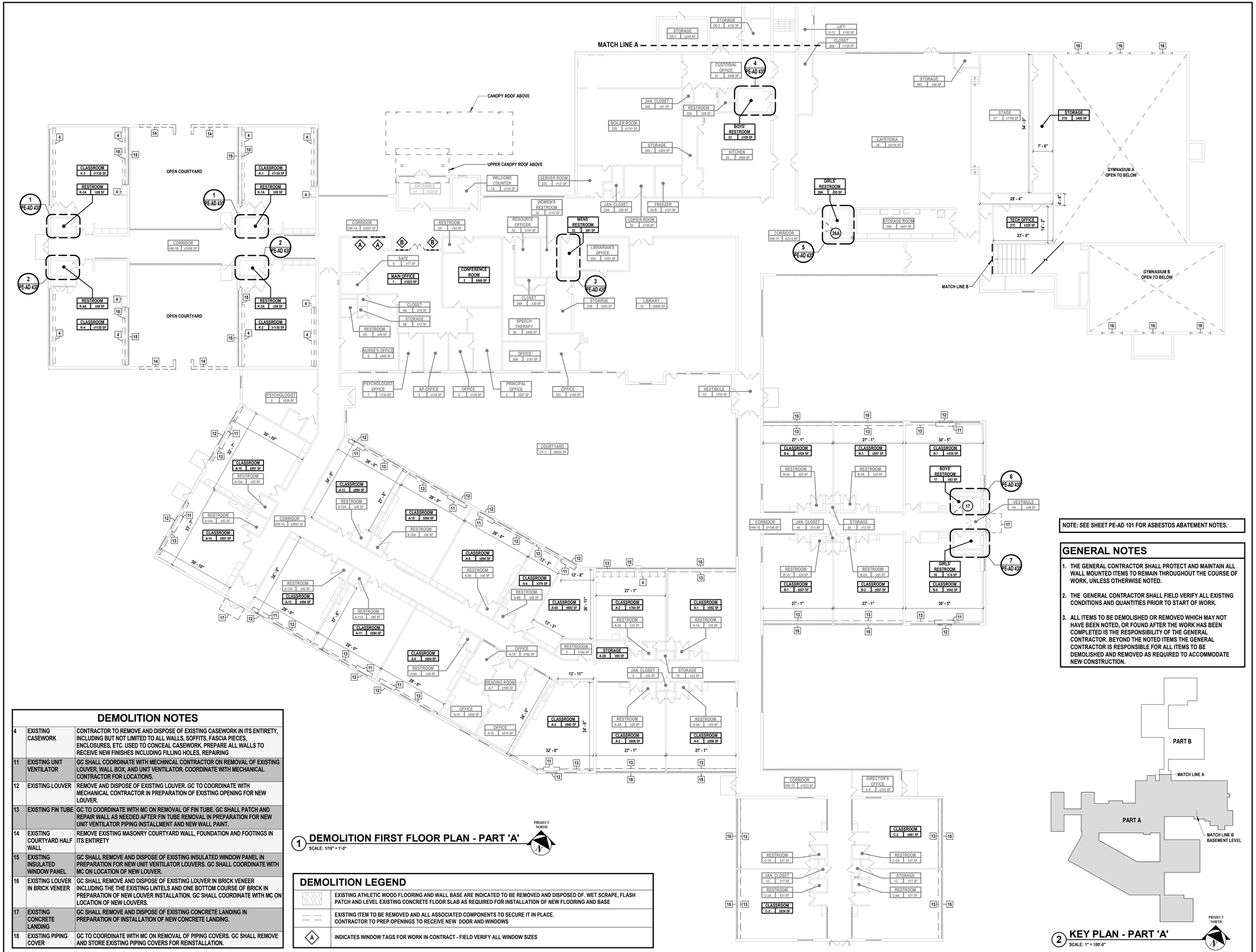

DEMOLITION NOTES

4	EXISTING CASEWORK	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CASEWORK IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL WALLS, SOFFITS, FASCIA PIECES, ENCLOSURES, ETC. USED TO CONCEAL CASEWORK. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING
11	EXISTING UNIT VENTILATOR	GC SHALL COORDINATE WITH MECHINCAL CONTRACTOR ON REMOVAL OF EXISTING LOUVER, WALL BOX, AND UNIT VENTILATOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS.
12	EXISTING LOUVER	REMOVE AND DISPOSE OF EXISTING LOUVER. GC TO COORDINATE WITH MECHANICAL CONTRACTOR IN PREPARATION OF EXISTING OPENING FOR NEW LOUVER.
13	EXISTING FIN TUBE	GC TO COORDINATE WITH MC ON REMOVAL OF FIN TUBE. GC SHALL PATCH AND REPAIR WALL AS NEEDED AFTER FIN TUBE REMOVAL IN PREPARATION FOR NEW UNIT VENTILATOR PIPING INSTALLMENT AND NEW WALL PAINT.
14	EXISTING COURTYARD HALF WALL	REMOVE EXISTING MASONRY COURTYARD WALL, FOUNDATION AND FOOTINGS IN ITS ENTIRETY
15	EXISTING INSULATED WINDOW PANEL	GC SHALL REMOVE AND DISPOSE OF EXISTING INSULATED WINDOW PANEL IN PREPARATION FOR NEW UNIT VENTILATOR LOUVERS. GC SHALL COORDINATE WITH MC ON LOCATION OF NEW LOUVER.
16	EXISTING LOUVER IN BRICK VENEER	GC SHALL REMOVE AND DISPOSE OF EXISTING LOUVER IN BRICK VENEER INCLUDING THE THE EXISTING LINTELS AND ONE BOTTOM COURSE OF BRICK IN PREPARATION OF NEW LOUVER INSTALLATION. GC SHALL COORDINATE WITH MC ON LOCATION OF NEW LOUVERS.
17	EXISTING CONCRETE LANDING	GC SHALL REMOVE AND DISPOSE OF EXISTING CONCRETE LANDING IN PREPARATION OF INSTALLATION OF NEW CONCRETE LANDING.
18	EXISTING PIPING COVER	GC TO COORDINATE WITH MC ON REMOVAL OF PIPING COVERS. GC SHALL REMOVE AND STORE EXISTING PIPING COVERS FOR REINSTALLATION.

DEMOLITION LEGEND

	EXISTING ATHLETIC WOOD FLOORING AND WALL BASE ARE INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE
	EXISTING ITEM TO BE REMOVED AND ALL ASSOCIATED COMPONENTS TO SECURE IT IN PLACE. CONTRACTOR TO PREP OPENINGS TO RECEIVE NEW DOOR AND WINDOWS
A	INDICATES WINDOW TAGS FOR WORK IN CONTRACT - FIELD VERIFY ALL WINDOW SIZES

1 DEMOLITION FIRST FLOOR PLAN - PART 'A'
SCALE: 1/16" = 1'-0"

PROJECT NORTH

NOTE: SEE SHEET PE-AD 101 FOR ASBESTOS ABATEMENT NOTES.

GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL PROTECT AND MAINTAIN ALL WALL MOUNTED ITEMS TO REMAIN THROUGHOUT THE COURSE OF WORK, UNLESS OTHERWISE NOTED.
2. THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND QUANTITIES PRIOR TO START OF WORK.
3. ALL ITEMS TO BE DEMOLISHED OR REMOVED WHICH MAY NOT HAVE BEEN NOTED, OR FOUND AFTER THE WORK HAS BEEN COMPLETED IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. BEYOND THE NOTED ITEMS THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS TO BE DEMOLISHED AND REMOVED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.

2 KEY PLAN - PART 'A'
SCALE: 1" = 100'-0"

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041163

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FIRST FLOOR DEMOLITION PLAN - PART 'A'

DRAWING No.
PE-AD 100.00

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LEAD ABATEMENT NOTES

1. ALL LEAD ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028300 AND INDUSTRIAL CODE RULE 56.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH, AND KEEP REQUIRED POSTINGS AT SITE.
3. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
4. ALL MATERIALS ASSOCIATED WITH PROJECT HAVE BEEN TESTED FOR THE PRESENCE OF LEAD. NO MATERIAL HAS BEEN FOUND TO CONTAIN LEAD. REFER TO TESTING REPORT IN SPECIFICATIONS.

ASBESTOS ABATEMENT NOTES

1. ALL ASBESTOS ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028200 AND INDUSTRIAL CODE RULE 56.
2. MATERIALS TO BE REMOVED ARE ASSUMED TO CONTAIN THE PRESENCE OF ASBESTOS AND ARE SUBJECT TO VERIFICATION PRIOR TO CONSTRUCTION:
   - 9" x 9" FLOOR TILE & MASTIC
   - PIPE INSULATION & MUD PIPE FITTINGS
   - VARIOUS SIZE AND COLOR FLOOR TILES & MASTIC
   - CONCEALED UNIT VENTILATOR INSULATION
   - CERAMIC WALL TILE GROUT & BACKING
   - CERAMIC FLOOR TILE GROUT & BACKING
   - MIRROR MASTIC
   - DOOR CORE INSULATION
   - CONCEALED FELT PAPER, WATERPROOFING, MASTIC OR INSULATION BOARDS UNDER WOOD FLOOR
   - ELECTRICAL COMPONENTS WITHIN SWITCHBOARDS/PANELS
   - FACADE METAL PANEL CAULK
   - EXPANSION JOINT CAULK
   - MULTI- LAYERED BUILT-UP & ROOF FLASHING MATERIALS
   - ELECTRICAL WIRE INSULATION
   - CONCEALED WATERPROOFING MATERIALS
1. SPECIFICATION SECTION 022600 "HAZARDOUS MATERIAL REPORT" FOR ADDITIONAL INFORMATION ON THE MATERIALS AND THEIR LOCATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM PERSONAL AIR MONITORING ON ITS EMPLOYEES IN ACCORDANCE WITH OSHA REGULATIONS.
3. THIRD-PARTY PROJECT MONITORING AND AIR SAMPLING SHALL BE CONDUCTED BY A CONSULTANT FIRM HIRED DIRECTLY BY THE OWNER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH.
5. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
6. ALL OPENINGS AND PENETRATIONS INCLUDING BUT NOT LIMITED TO WINDOWS, DOORS, DUCTS, LOUVERS AND GRILLES SHALL BE COVERED WITH A MINIMUM OF TWO (2) LAYERS OF 6 MIL PLASTIC.
7. REFER TO SPECIFICATION SECTION 028000 FOR SPECIFIC ABATEMENT PROCEDURES.

GENERAL NOTES

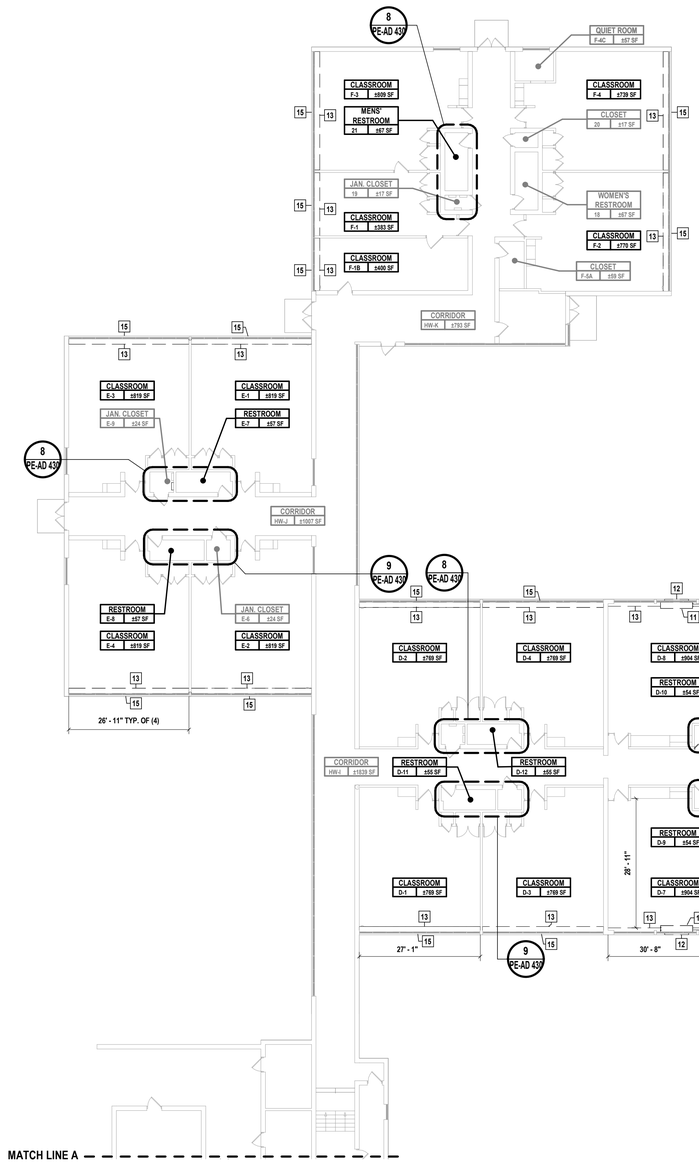
1. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL WALL MOUNTED ITEMS TO REMAIN THROUGHOUT THE COURSE OF WORK, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, AND ENSURE ALL HARDWARE WILL WORK WITH NEW DOOR SELECTION.
3. THE CONTRACTOR SHALL PREP EXISTING HOLLOW METAL FRAMES THAT ARE IN THE SCOPE OF WORK, ANY UNUSED OPENINGS SHALL BE FILLED IN, AND NEW OPENINGS SHALL BE PROVIDED AS REQUIRED.
4. REFER TO DOOR SCHEDULE FOR COORDINATION OF HARDWARE, CONTRACTOR TO FIELD VERIFY DOOR SWINGS PRIOR TO PLACING ORDER.

DEMOLITION LEGEND

	EXISTING ATHLETIC WOOD FLOORING AND WALL BASE ARE INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE
	EXISTING ITEM TO BE REMOVED AND ALL ASSOCIATED COMPONENTS TO SECURE IT IN PLACE. CONTRACTOR TO PREP OPENINGS TO RECEIVE NEW DOOR AND WINDOWS
A	INDICATES WINDOW TAGS FOR WORK IN CONTRACT - FIELD VERIFY ALL WINDOW SIZES

DEMOLITION NOTES

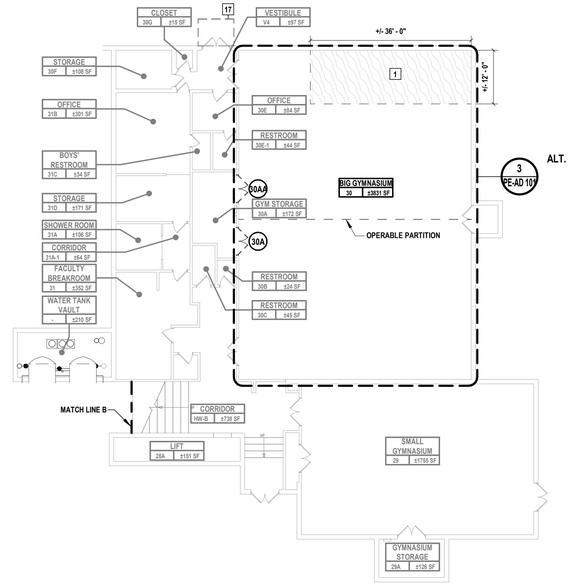
1	FLOOR FINISHES	REMOVE AND DISPOSE OF EXISTING WALL BASE, AND FLOOR FINISHES DOWN TO SUB-FLOOR. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING CONCRETE SLAB-FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCH EXISTING MATERIALS IN EACH ROOM.
11	EXISTING UNIT VENTILATOR	GC SHALL COORDINATE WITH MECHINCAL CONTRACTOR ON REMOVAL OF EXISTING LOUVER, WALL BOX, AND UNIT VENTILATOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS.
12	EXISTING LOUVER	REMOVE AND DISPOSE OF EXISTING LOUVER. GC TO COORDINATE WITH MECHANICAL CONTRACTOR IN PREPARATION OF EXISTING OPENING FOR NEW LOUVER.
13	EXISTING FIN TUBE	GC TO COORDINATE WITH MC ON REMOVAL OF FIN TUBE AND COVERS. GC SHALL PATCH AND REPAIR WALL AS NEEDED AFTER FIN TUBE REMOVAL IN PREPARATION FOR NEW UNIT VENTILATOR PIPING INSTALLMENT AND NEW WALL PAINT.
15	EXISTING INSULATED WINDOW PANEL	GC SHALL REMOVE AND DISPOSE OF EXISTING INSULATED WINDOW PANEL IN PREPARATION FOR NEW UNIT VENTILATOR LOUVERS. GC SHALL COORDINATE WITH MC ON LOCATION OF NEW LOUVER.
17	EXISTING CONCRETE LANDING	GC SHALL REMOVE AND DISPOSE OF EXISTING CONCRETE LANDING IN PREPARATION OF INSTALLATION OF NEW CONCRETE LANDING.



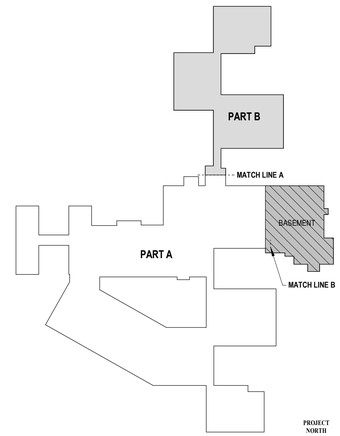
1 DEMOLITION FIRST FLOOR PLAN - PART 'B'
SCALE: 1/16" = 1'-0"

ALTERNATE:
DEMOLITION OF ENTIRE BIG GYMNASIUM FLOORING FOR REPLACEMENT.

3 ALTERNATE
NO SCALE



2 DEMOLITION BASEMENT FLOOR PLAN
SCALE: 1/16" = 1'-0"



4 KEY PLAN - PART 'B'
SCALE: 1" = 100'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FIRST FLOOR DEMOLITION PLAN - PART 'B'

DRAWING No.
PE-AD 101.00

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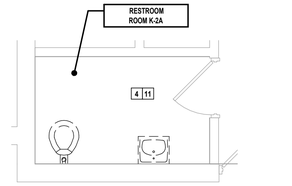

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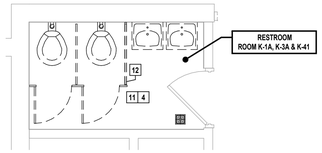

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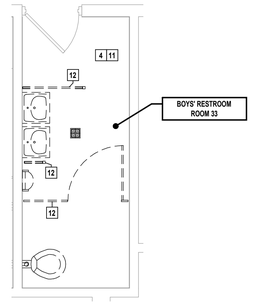

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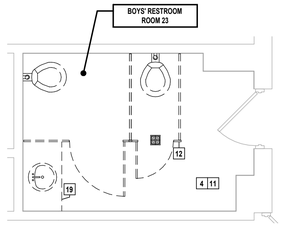

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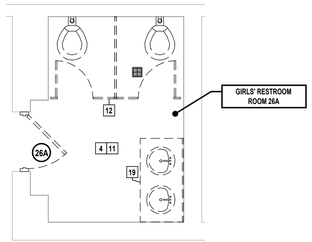

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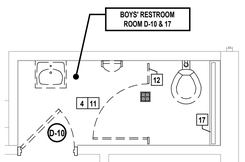

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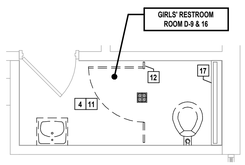

7 **RESTROOM TYPE E2**
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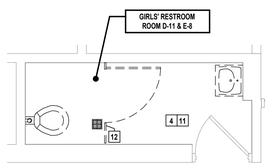

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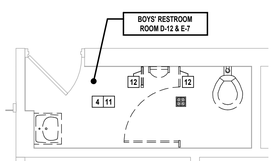

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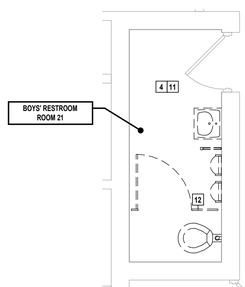
SCALE: 1/4" = 1'-0"



11 **RESTROOM TYPE G**
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES - CONTRACT G

4	TOILET ACCESSORIES	REMOVE AND COORDINATE WITH OWNER STORAGE OR DISPOSAL OF EXISTING TOILET ACCESSORIES (MIRRORS, PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, SOAP DISPENSERS, HAND DRYERS, GRAB BARS, ETC.) & ALL SUPPORTING HARDWARE. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW TILE FINISH.
11	WALL TILE AND BASE	CONTRACTOR SHALL COMPLETELY REMOVE AND DISPOSE OF ALL EXISTING CERAMIC WALL TILE COMPLETELY DOWN TO THE EXISTING MASONRY BACK UP WALL BELOW. REMOVALS SHALL INCLUDE TILE, THINSET, MORTAR SETTING BED, GROUT, REINFORCED MESH, TRIM, AND ALL DEVICES USED TO SECURE THE TILE IN PLACE. THE CONTRACTOR SHALL PREPARE WALL FOR NEW WALL FINISH.
12	PARTITION SYSTEM	REMOVE AND DISPOSE OF EXISTING TOILET PARTITION SYSTEMS INCLUDING BRACKETS AND FILLING OF ANCHOR LOCATIONS.
17	RADIATOR COVER	REMOVE AND DISPOSE OF EXISTING RADIATOR COVER.
19	VANITY	REMOVE AND DISPOSE OF EXISTING VANITY AND SUPPORTS. PREPARE AREA FOR NEW LAVATORY INSTALLATION. COORDINATE WITH PLUMBING CONTRACTOR FOR VANITY SINK REMOVAL.

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES AND FINISHES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
4. CONTRACTORS SITE ACCESS AND BUILDING ENTRY POINT SHALL BE AS PER DRAWING HS-G 000.00 AND VERIFIED BY OWNER. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND ALL OTHER AREAS USED FOR ACCESS TO CONTRACT AREAS FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH & RESTORE ALL SURFACES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES VERIFY ALL ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.
7. THE CONTRACTOR SHALL REVIEW SCOPE OF DEMOLITION WORK WITH OWNER AND COORDINATE WHICH ITEMS WILL BE REMOVED CAREFULLY AND RETURNED TO DISTRICT.
8. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT TO DISCONNECT, REMOVE, AND STORE ALL REMOVABLE EQUIPMENT (INCLUDING CASEWORK, DESKS, CHAIRS, ETC.) TO PERFORM ALL REQUIRED DEMOLITION. UPON COMPLETION, CONTRACTOR SHALL REINSTALL ALL EQUIPMENT AND ENSURE PROPER WORKING CONDITION. CLEAN ALL SURFACES PRIOR TO SUBSTANTIAL COMPLETION.
9. PROTECTING EXISTING CEILING LIGHTING FIXTURES, INCLUDING, BUT NOT LIMITED TO THE FIXTURE, TRIM, SUPPORTS, AND ALL DEVICES USED TO SECURE THE LIGHTING IN PLACE.

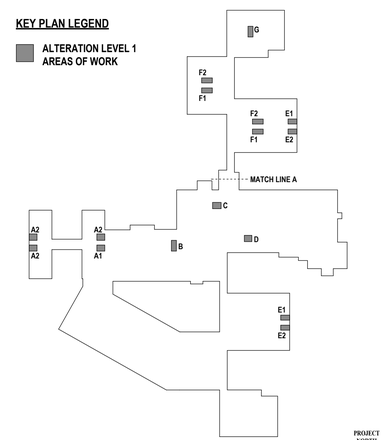
DEMOLITION PLAN LEGEND

(NOT ALL MAY BE USED)

	INDICATES WALL TO BE REMOVED AND DISPOSED OF. SEE DEMOLITION NOTES FOR ADDITIONAL INFORMATION
	INDICATES EXISTING WALL TO REMAIN
	INDICATES EXISTING DOOR TO BE REMOVED AND DISPOSED OF. SEE DEMOLITION NOTES FOR ADDITIONAL INFORMATION
	INDICATES EXISTING TOILET PARTIONS TO BE REMOVED AND DISPOSED OF. SEE DEMOLITION NOTES FOR ADDITIONAL INFORMATION
	INDICATES EXISTING DOOR TO REMAIN.

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



10 **KEY PLAN - AREAS OF WORK**
SCALE: 1" = 100'-0"

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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CONSULTANTS:

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110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

RESTROOM UPGRADES DEMOLITION PLANS

DRAWING No.

PE-AD 430.00

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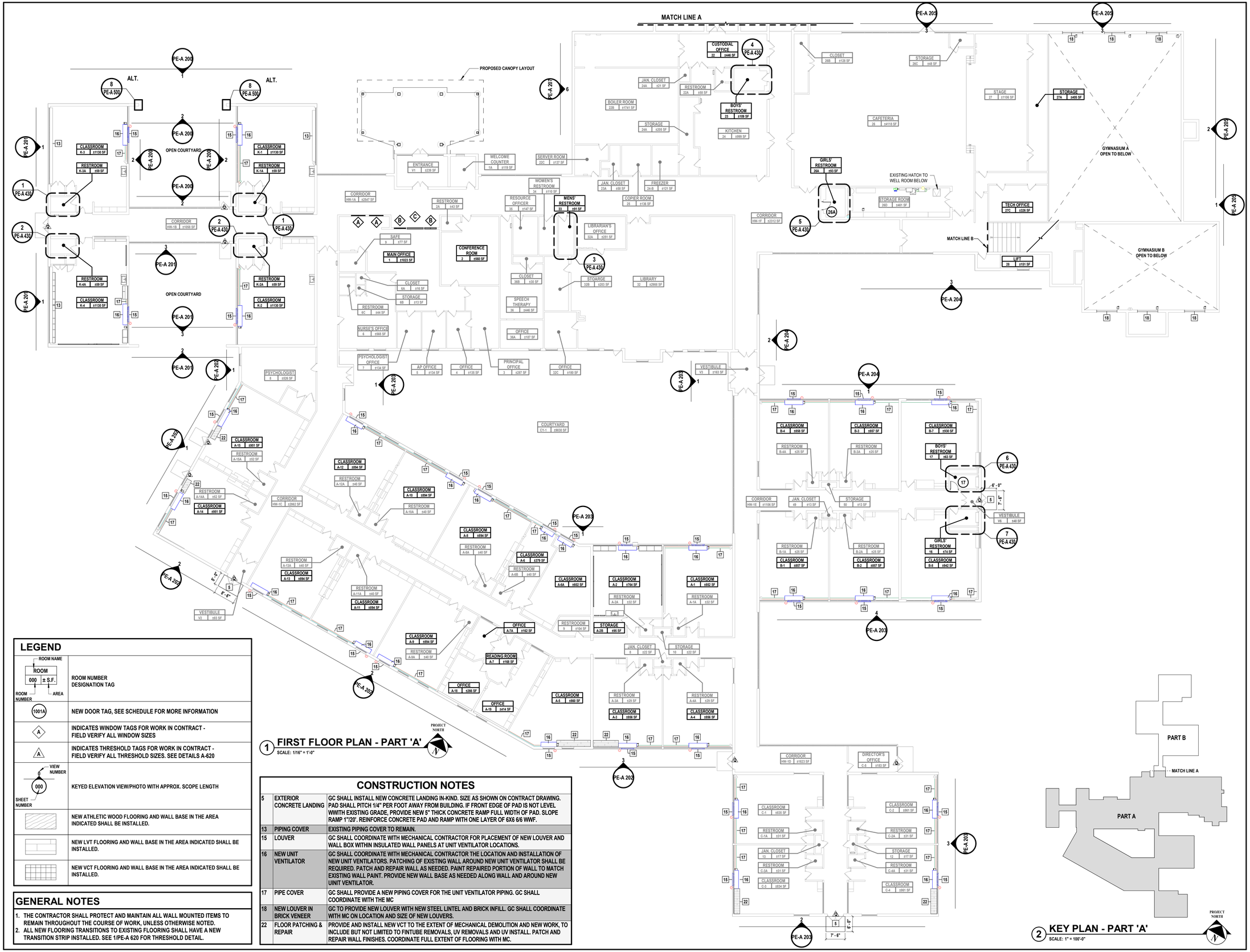

1 **FIRST FLOOR PLAN - PART 'A'**
SCALE: 1/16" = 1'-0"

LEGEND

ROOM NAME / ROOM / 000 / ± S.F. / ROOM NUMBER / AREA	ROOM NUMBER DESIGNATION TAG
1001A	NEW DOOR TAG, SEE SCHEDULE FOR MORE INFORMATION
A	INDICATES WINDOW TAGS FOR WORK IN CONTRACT - FIELD VERIFY ALL WINDOW SIZES
A	INDICATES THRESHOLD TAGS FOR WORK IN CONTRACT - FIELD VERIFY ALL THRESHOLD SIZES. SEE DETAILS A-620
VIEW NUMBER / 000 / SHEET NUMBER	KEYED ELEVATION VIEW/PHOTO WITH APPROX. SCOPE LENGTH
	NEW ATHLETIC WOOD FLOORING AND WALL BASE IN THE AREA INDICATED SHALL BE INSTALLED.
	NEW LVT FLOORING AND WALL BASE IN THE AREA INDICATED SHALL BE INSTALLED.
	NEW VCT FLOORING AND WALL BASE IN THE AREA INDICATED SHALL BE INSTALLED.

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL WALL MOUNTED ITEMS TO REMAIN THROUGHOUT THE COURSE OF WORK, UNLESS OTHERWISE NOTED.
2. ALL NEW FLOORING TRANSITIONS TO EXISTING FLOORING SHALL HAVE A NEW TRANSITION STRIP INSTALLED. SEE 1/PE-A 620 FOR THRESHOLD DETAIL.

CONSTRUCTION NOTES

5	EXTERIOR CONCRETE LANDING	GC SHALL INSTALL NEW CONCRETE LANDING IN-KIND. SIZE AS SHOWN ON CONTRACT DRAWING. PAD SHALL PITCH 1/4" PER FOOT AWAY FROM BUILDING. IF FRONT EDGE OF PAD IS NOT LEVEL WWITH EXISTING GRADE, PROVIDE NEW 5" THICK CONCRETE RAMP FULL WIDTH OF PAD. SLOPE RAMP 1"/20'. REINFORCE CONCRETE PAD AND RAMP WITH ONE LAYER OF 6X6 6/6 WWF.
13	PIPING COVER	EXISTING PIPING COVER TO REMAIN.
15	LOUVER	GC SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF NEW LOUVER AND WALL BOX WITHIN INSULATED WALL PANELS AT UNIT VENTILATOR LOCATIONS.
16	NEW UNIT VENTILATOR	GC SHALL COORDINATE WITH MECHANICAL CONTRACTOR THE LOCATION AND INSTALLATION OF NEW UNIT VENTILATORS. PATCHING OF EXISTING WALL AROUND NEW UNIT VENTILATOR SHALL BE REQUIRED. PATCH AND REPAIR WALL AS NEEDED. PAINT REPAIRED PORTION OF WALL TO MATCH EXISTING WALL PAINT. PROVIDE NEW WALL BASE AS NEEDED ALONG WALL AND AROUND NEW UINIT VENTILATOR.
17	PIPE COVER	GC SHALL PROVIDE A NEW PIPING COVER FOR THE UNIT VENTILATOR PIPING. GC SHALL COORDINATE WITH THE MC
18	NEW LOUVER IN BRICK VENEER	GC TO PROVIDE NEW LOUVER WITH NEW STEEL LINTEL AND BRICK INFILL. GC SHALL COORDINATE WITH MC ON LOCATION AND SIZE OF NEW LOUVERS.
22	FLOOR PATCHING & REPAIR	PROVIDE AND INSTALL NEW VCT TO THE EXTENT OF MECHANICAL DEMOLITION AND NEW WORK, TO INCLUDE BUT NOT LIMITED TO FINTUBE REMOVALS, UV REMOVALS AND UV INSTALL. PATCH AND REPAIR WALL FINISHES. COORDINATE FULL EXTENT OF FLOORING WITH MC.

2 **KEY PLAN - PART 'A'**
SCALE: 1" = 100'-0"

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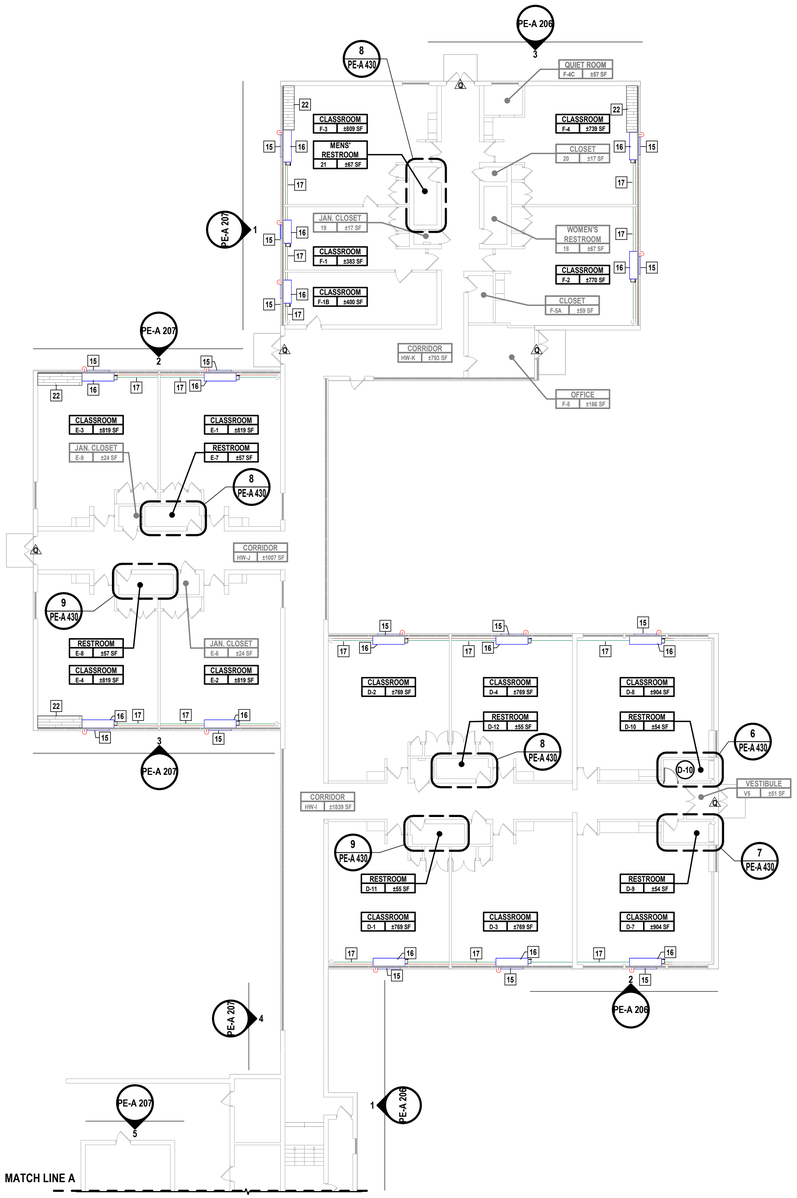
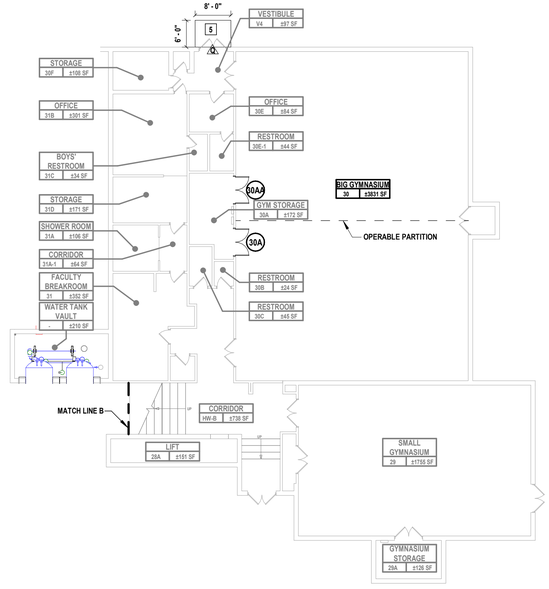
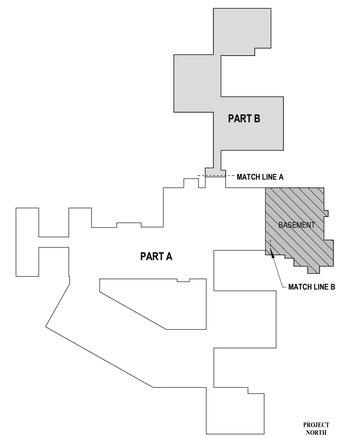


1 FIRST FLOOR PLAN - PART 'B'
SCALE: 1/16" = 1'-0"



2 BASEMENT FLOOR PLAN
SCALE: 1/16" = 1'-0"



3 KEY PLAN - PART 'B'
SCALE: 1" = 100'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL WALL MOUNTED ITEMS TO REMAIN THROUGHOUT THE COURSE OF WORK, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, AND ENSURE ALL HARDWARE WILL WORK WITH NEW DOOR SELECTION.
3. THE CONTRACTOR SHALL PREP EXISTING HOLLOW METAL FRAMES THAT ARE IN THE SCOPE OF WORK, ANY UNUSED OPENINGS SHALL BE FILLED IN, AND NEW OPENINGS SHALL BE PROVIDED AS REQUIRED.
4. REFER TO DOOR SCHEDULE FOR COORDINATION OF HARDWARE, CONTRACTOR TO FIELD VERIFY DOOR SWINGS PRIOR TO PLACING ORDER.

LEGEND

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CONSTRUCTION NOTES

5	EXTERIOR CONCRETE LANDING	GC SHALL INSTALL NEW CONCRETE LANDING IN-KIND. SIZE AS SHOWN ON CONTRACT DRAWING. PAD SHALL PITCH 1/4" PER FOOT AWAY FROM BUILDING. IF FRONT EDGE OF PAD IS NOT LEVEL WWITH EXISTING GRADE, PROVIDE NEW 5" THICK CONCRETE RAMP FULL WIDTH OF PAD. SLOPE RAMP 1"/20'. REINFORCE CONCRETE PAD AND RAMP WITH ONE LAYER OF 6X6 6/6 WWF.
15	LOUVER	GC SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF NEW LOUVER AND WALL BOX WITHIN INSULATED WALL PANELS AT UNIT VENTILATOR LOCATIONS.
16	NEW UNIT VENTILATOR	GC SHALL COORDINATE WITH MECHANICAL CONTRACTOR THE LOCATION AND INSTALLATION OF NEW UNIT VENTILATORS. PATCHING OF EXISTING WALL AROUND NEW UNIT VENTILATOR SHALL BE REQUIRED. PATCH AND REPAIR WALL AS NEEDED. PAINT REPAIRED PORTION OF WALL TO MATCH EXISTING WALL PAINT. PROVIDE NEW WALL BASE AS NEEDED ALONG WALL AND AROUND NEW UINIT VENTILATOR.
17	PIPE COVER	GC SHALL PROVIDE A NEW PIPING COVER FOR THE UNIT VENTILATOR PIPING. GC SHALL COORDINATE WITH THE MC
22	FLOOR PATCHING & REPAIR	PROVIDE AND INSTALL NEW VCT TO THE EXTENT OF MECHANICAL DEMOLITION AND NEW WORK, TO INCLUDE BUT NOT LIMITED TO FINTUBE REMOVALS, UV REMOVALS AND UV INSTALL. PATCH AND REPAIR WALL FINISHES. COORDINATE FULL EXTENT OF FLOORING WITH MC.

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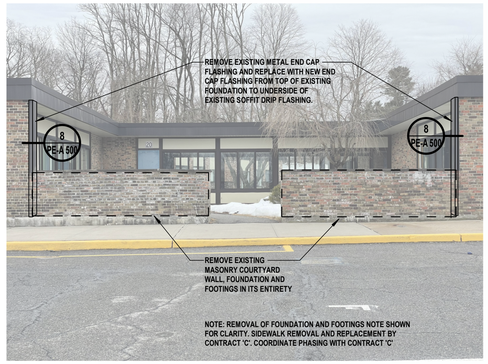
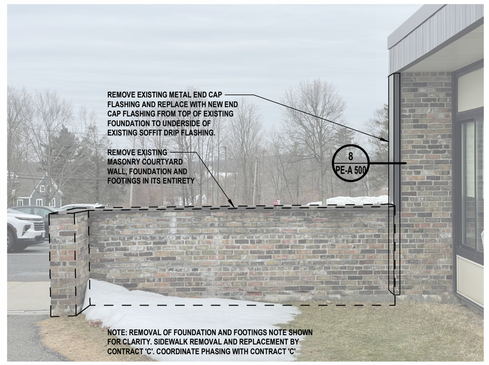




1 NORTH ELEVATION - K-WING
N.T.S.

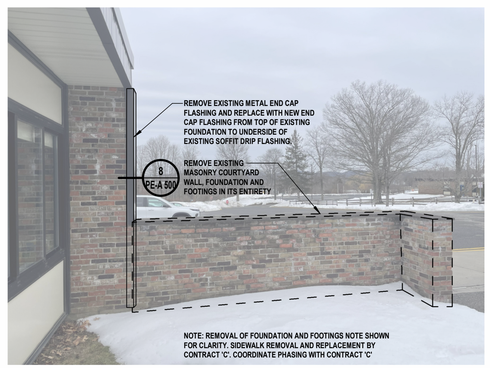




2 NORTH ELEVATION - K-WING COURTYARD
N.T.S.







3 NORTH ELEVATION - K-WING COURTYARD
N.T.S.

GENERAL CONSTRUCTION WORK NOTES:

1. THESE DRAWINGS SERVE AS A GRAPHICAL REPRESENTATION OF THE INTENDED SCOPE OF THE WORK, AND CONSTITUTE ONE PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS.
2. ALL EXISTING EXTERIOR FACADE MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, SECURITY DEVICES, SIGNAGE, ETC. SHALL BE PROTECTED DURING SCOPE OF WORK. CONTRACTOR SHALL REPAIR OR REPLACE EQUIPMENT OR DEVICE AS NEEDED IF DAMAGED. CONTRACTOR SHALL HAVE A LICENSED ELECTRICAL CONTRACTOR TEMPORARILY REMOVE, MAINTAIN AND RECONNECT ANY CONDUIT, WIRING OR DEVICES REQUIRED TO PERFORM ANY SCOPE ASSOCIATED WITH THIS WORK. VERIFY IN FIELD ALL CONDITIONS.
3. ALL MASONRY MORTAR ON SCOPE ELEVATIONS SHALL BE INSPECTED FOR CRACKS OR DAMAGE AND SHALL BE BROUGHT TO THE ARCHITECT AND THE DISTRICTS CONSTRUCTION REPRESENTATIVES ATTENTION IMMEDIATELY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN OUT ALL EXISTING WEEP HOLES WHERE WORK IS BEING PERFORMED. REMOVE ALL DIRT, DEBRIS OR OTHER MATERIALS TO MAKE SURE THEY ARE CLEAR TO ENSURE WEEP SYSTEM FUNCTIONALITY.
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PATTERNS & SYMBOLS LEGEND

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CONSULTANTS:

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REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

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NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

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M. LUCK	C. HENRY	S.MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 200.00

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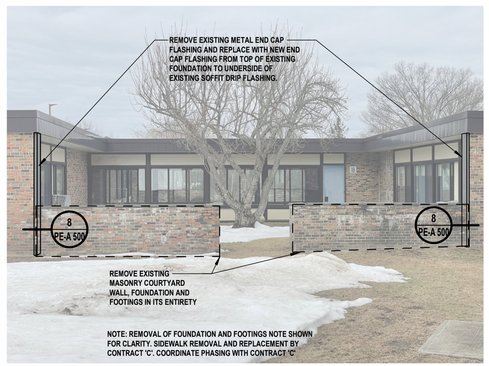
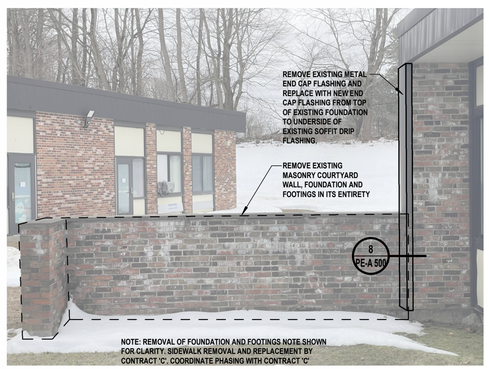
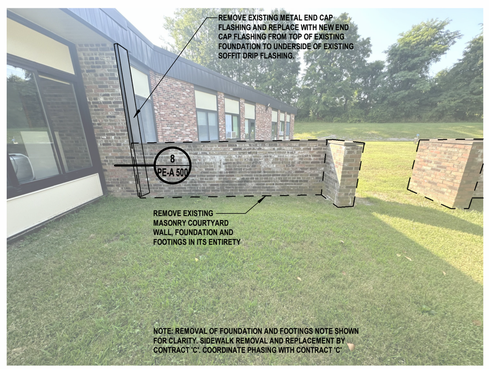
1 WEST ELEVATION - K-WING
N.T.S.



2 SOUTH ELEVATION - K-WING
N.T.S.







3 SOUTH ELEVATION - K-WING COURTYARD
N.T.S.

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

Forward in Excellence

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 201.00

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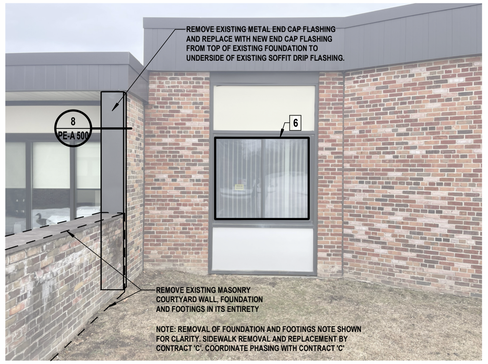





1 WEST ELEVATION - A-WING
N.T.S.







2 SOUTH ELEVATION - A-WING LEFT SIDE
N.T.S.





3 SOUTH ELEVATION - A-WING RIGHT SIDE
N.T.S.

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

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EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 202.00

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10/29/2026 3:07:48 PM



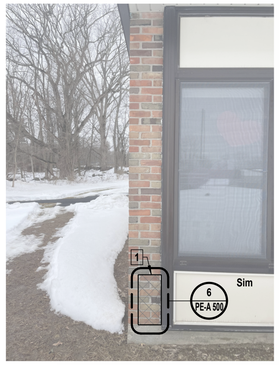




1 NORTH ELEVATION - A-WING COURTYARD
N.T.S.



2 SOUTH ELEVATION - C-WING
N.T.S.





3 EAST ELEVATION - C-WING LEFT SIDE
N.T.S.



4 SOUTH ELEVATION - B-WING SOUTH WALL
N.T.S.



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CONSULTANTS:

MARK	DATE	DESCRIPTION

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09/30/2029
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NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

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M. LUCK	C. HENRY	S.MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 203.00

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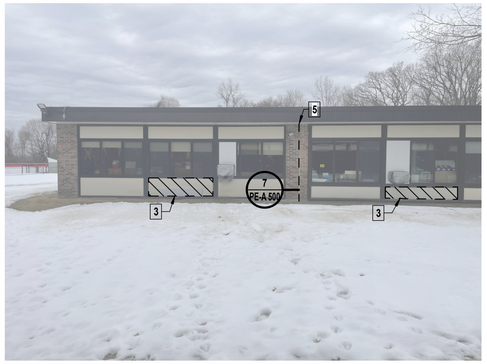
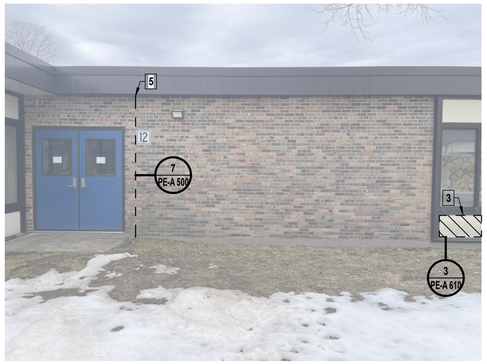




1 NORTH ELEVATION - B-WING
N.T.S.





2 EAST ELEVATION - CORRIDOR
N.T.S.





3 SOUTH ELEVATION - GYMNASIUM
N.T.S.

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PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G
CENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 204.00

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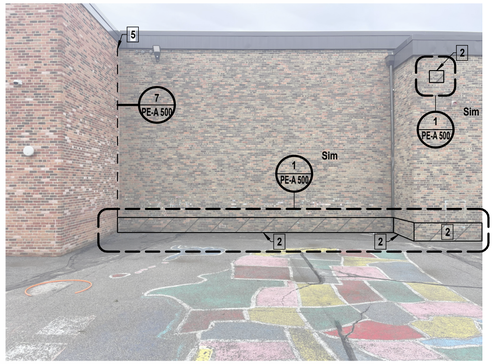
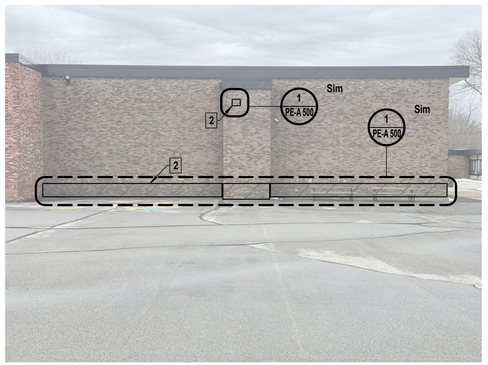


1 **EAST ELEVATION - GYMNASIUM LEFT (SOUTH) SIDE**
N.T.S.







2 **EAST ELEVATION - GYMNASIUM RIGHT (NORTH) SIDE**
N.T.S.





3 **NORTH ELEVATION - GYMNASIUM**
N.T.S.

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VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

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SED #: 66-21-01-06-0-002-017

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DRAWING No.

PE-A 205.00

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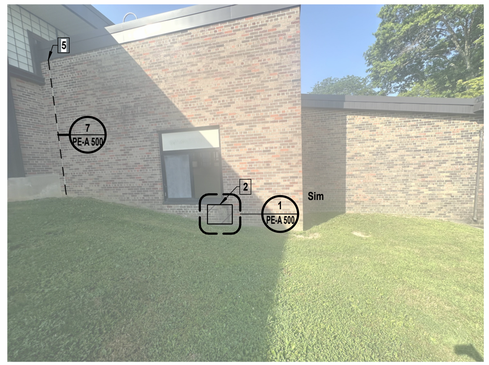
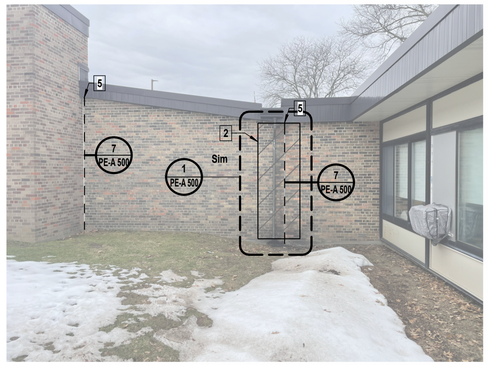




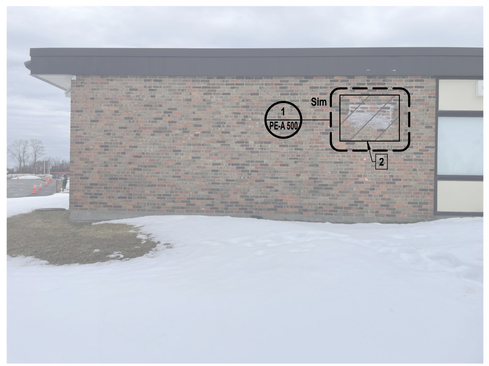
1 EAST ELEVATION - PART 'B' CORRIDOR
N.T.S.





2 SOUTH ELEVATION - D-WING
N.T.S.





3 NORTH ELEVATION - F-WING
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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	C. HENRY	S.MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

DRAWING No.

PE-A 206.00

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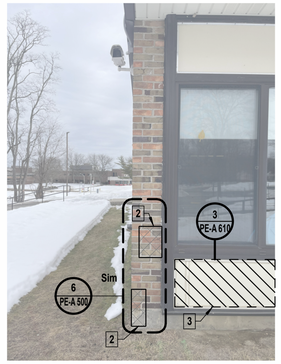
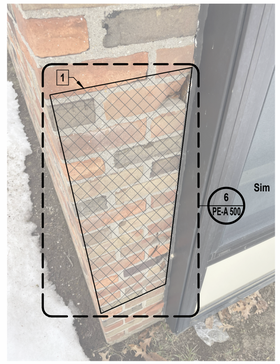


1 WEST ELEVATION - F-WING
N.T.S.



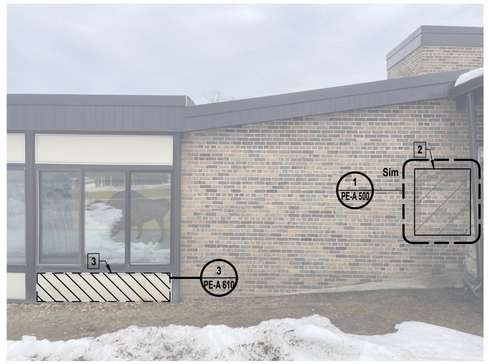


2 NORTH ELEVATION - E-WING
N.T.S.

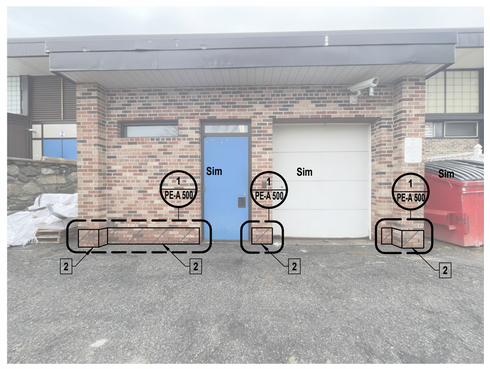


3 SOUTH ELEVATION - E-WING
N.T.S.

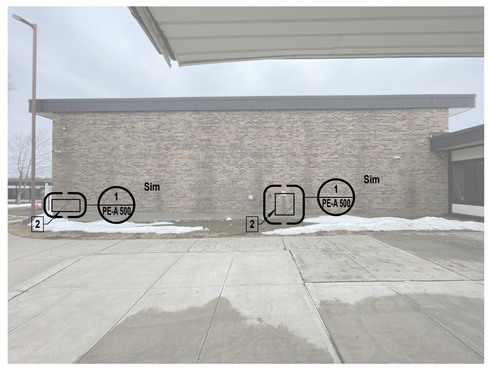




4 WEST ELEVATION - PLAN 'B' CORRIDOR
N.T.S.



5 NORTH ELEVATION - LOADING DOCK WALL
SCALE: 1/4" = 1'-0"



6 WEST ELEVATION - MAIN ENTRANCE WALL
SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION WORK NOTES:

1. THESE DRAWINGS SERVE AS A GRAPHICAL REPRESENTATION OF THE INTENDED SCOPE OF THE WORK, AND CONSTITUTE ONE PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS.
2. ALL EXISTING EXTERIOR FACADE MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, SECURITY DEVICES, SIGNAGE, ETC. SHALL BE PROTECTED DURING SCOPE OF WORK. CONTRACTOR SHALL REPAIR OR REPLACE EQUIPMENT OR DEVICE AS NEEDED IF DAMAGED. CONTRACTOR SHALL HAVE A LICENSED ELECTRICAL CONTRACTOR TEMPORARILY REMOVE, MAINTAIN AND RECONNECT ANY CONDUIT, WIRING OR DEVICES REQUIRED TO PERFORM ANY SCOPE ASSOCIATED WITH THIS WORK. VERIFY IN FIELD ALL CONDITIONS.
3. ALL MASONRY MORTAR ON SCOPE ELEVATIONS SHALL BE INSPECTED FOR CRACKS OR DAMAGE AND SHALL BE BROUGHT TO THE ARCHITECT AND THE DISTRICTS CONSTRUCTION REPRESENTATIVES ATTENTION IMMEDIATELY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN OUT ALL EXISTING WEEP HOLES WHERE WORK IS BEING PERFORMED. REMOVE ALL DIRT, DEBRIS OR OTHER MATERIALS TO MAKE SURE THEY ARE CLEAR TO ENSURE WEEP SYSTEM FUNCTIONALITY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL TEMPORARY BRACING AND SHORING TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING, AS REQUIRED TO COMPLETE THE MASONRY REPAIR SCOPE OF WORK.
6. ALL NEW AND EXISTING MASONRY SURFACES SHALL BE LOW-PRESSURE POWER WASHED ACROSS ALL ELEVATIONS AS PART OF THE SCOPE OF WORK. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO; DOORS, WINDOWS, LOUVERS AND GRILLES DURING POWER WASHING, AS WELL AS ALL WALL-MOUNTED ITEMS REMAINING IN PLACE.
7. ALL EXISTING CAST STONE WITHIN WORK AREA SHALL BE LOW-PRESSURE POWER WASHED. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO; DOORS, WINDOWS, LOUVERS AND GRILLES DURING POWER WASHING. RAKE OUT EXISTING JOINTS BETWEEN STONE COPINGS AND BRICK AND INSTALL NEW FLEXIBLE SILICONE SOFT JOINT WITH BACKER OR JOINT TAPE TO ENSURE TWO SIDE ADHESION. SILICONE SEALANT WITH BACKER ROD TO MATCH EXISTING MORTAR COLOR.
8. ALL NEW AND EXISTING EXPOSED CAST STONE AND MASONRY SURFACES SHALL BE LOW-PRESSURE POWER WASHED AND ACROSS ALL ELEVATIONS AS PART OF THE SCOPE OF THE WORK. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS, AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, LOUVERS AND GRILLES, AS WELL AS ALL WALL-MOUNTED ITEMS REMAINING IN PLACE.

PATTERNS & SYMBOLS LEGEND

KEYNOTE	PATTERN	DESCRIPTION
1		**SELECTIVE MASONRY REPLACEMENT:** REMOVE AND REPLACE DAMAGED / DETERIORATED BRICK MASONRY THROUGHOUT AREA INDICATED. REBUILD BACK-UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT ARE REMOVED. INSTALL NEW BRICK MASONRY TO MATCH EXISTING COLOR, FINISH, COURSING AND PATTERN IN COMPLETELY FILLED BED, ENDS, AND HEAD OF MORTAR JOINTS.
2		**RE-POINTING:** RAKE OUT EXISTING JOINTS TO A MINIMUM DEPTH OF 3/4" THROUGHOUT AREA INDICATED, AND RE-POINT ALL JOINTS IN BRICK MASONRY. REBUILD BACK UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT WERE REMOVED. TAKE CARE NOT TO DAMAGE EDGES OF EXISTING MASONRY TO REMAIN.
3		**INSULATED WINDOW PANELS:** REMOVE AND REPLACE INSULATED WINDOW PANELS THROUGHOUT AREA INDICATED IN KIND. COORDINATE INSTALLATION OF NEW LOUVERS WHERE IDENTIFIED ON FLOOR PLANS. GC SHALL COORDINATE WITH MC ON LOUVER LOCATIONS AND SIZES AT NEW UNIT VENTILATORS THROUGHOUT.
4		**CAST STONE REPAIR/REPLACEMENT:** REPOINT EXISTING CAST STONE MORTAR JOINTS. REMOVE AND REPLACE CRACKED, DAMAGED, OR DETERIORATED 4 1/2" THICK CAST STONE IN KIND.
5		**CONTROL / EXPANSION JOINT REPLACEMENT:** RAKE OUT EXISTING JOINT BETWEEN MASONRY TO A MINIMUM DEPTH OF 1". FURNISH AND INSTALL NEW FLEXIBLE SILICONE SOFT JOINT WITH BACKER ROD OR EXPANSION JOINT FILLER TO PREVENT THREE-SIDED ADHESION THE FULL WIDTH, AND LENGTH OF JOINT. COLOR TO MATCH EXISTING MORTAR.
6		**ENVELOPE CAULKING REPLACEMENT:** EXISTING WINDOW OR DOOR CAULK AND DEBRIS TO BE REMOVED IN ITS ENTIRETY, CONTRACTOR TO CLEAN OPENING AND PROVIDE CAULKING. WINDOW TO BE PROTECTED.
7		**SILL CANT REPLACEMENT:** REMOVE AND DISPOSE OF CONCRETE SILL CANT. PROVIDE NEW CONCRETE SILL CANT. VERIFY SIZE NEEDED IN FIELD. CAULK TOP EDGE AT JUNCTION BETWEEN UNDERSIDE OF WINDOW FRAME AND TOP OF SILL CANT.
8		**EXISTING LOUVER REPLACEMENT:** REMOVE AND DISPOSE OF EXISTING LOUVERS IN BRICK VENEER. PROVIDE NEW LOUVER AND STEEL LINTEL. VERIFY SIZE OF OPENING NEEDED IN FIELD. SEE PE-A 100 FOR FURTHER CLARIFICATION ON SCOPE REQUIREMENTS.

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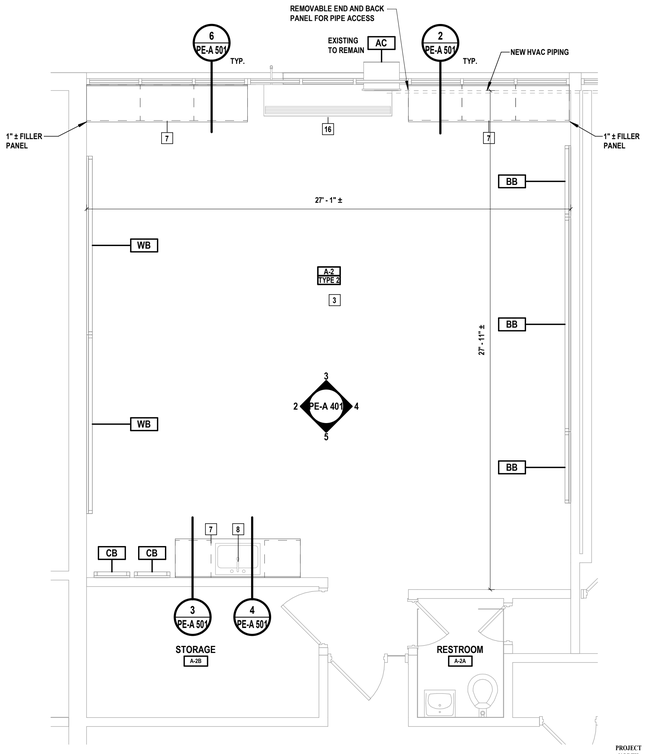
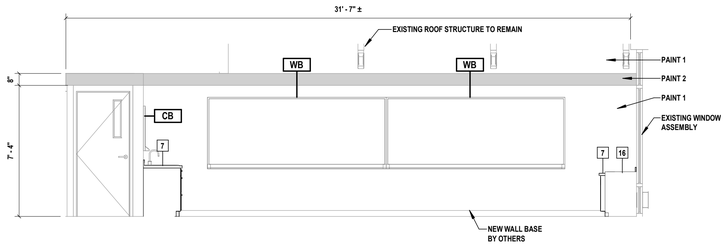


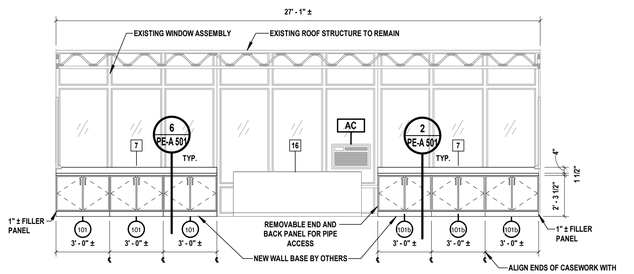
1 TYPICAL CLASSROOM TYPE '2' PLAN

SCALE: 1/4" = 1'-0"



2 CLASSROOM TYPE '2' ELEVATION

SCALE: 1/4" = 1'-0"



3 CLASSROOM TYPE '2' ELEVATION

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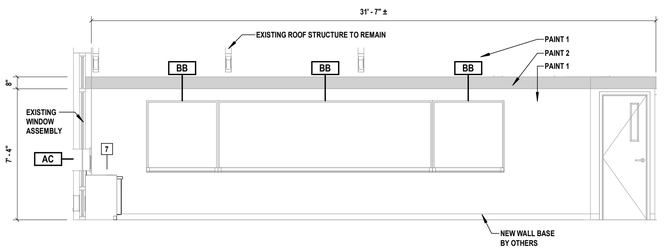

4 CLASSROOM TYPE '2' ELEVATION

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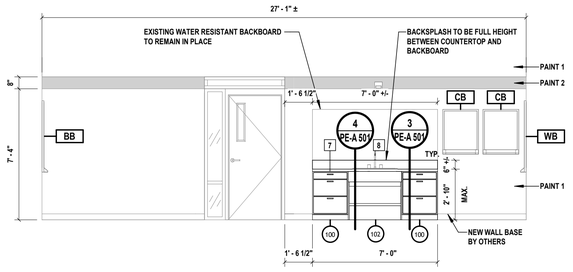


5 CLASSROOM TYPE '2' ELEVATION

SCALE: 1/4" = 1'-0"

FINISH LEGEND



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1 COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: WILSONART
STYLE: QUARTZ
COLOR: NOVA SERRANA #Q4068

CASEWORK FINISH:
MFR.: FORMICA
STYLE: PLASTIC LAMINATE
TEXTURE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN. PAINT DOOR FRAME AS SELECTED BY DISTRICT	

ABBREVIATIONS

S	EXISTING STORAGE/ BUILT-IN CASEWORK TO REMAIN	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
CB	EXISTING CORK BOARD- RETAIN AND REINSTALL	T	TEACHER STATION- TURN OVER TO OWNER
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
SB	EXISTING SMART BOARD- RETAIN AND REINSTALL		
BB	EXISTING BLACK BOARD- PROTECT IN PLACE		

CONTRACT G SCOPE

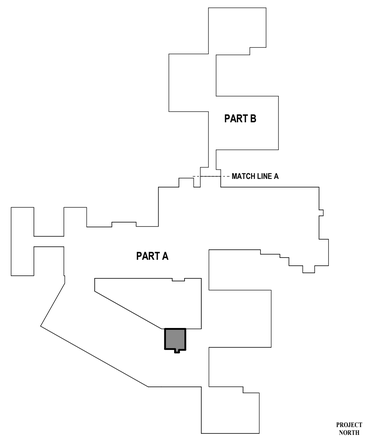
3	PAINT WALLS	CAREFULLY REMOVE AND STORE ALL EXISTING WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO: CORD BOARDS, WHITE BOARDS, BLACKBOARDS, SIGNAGE, ARTWORK, HOOKS, PROJECTORS, PROJECTOR BRACKETS, SCREENS, AND ALL DEVICES USED TO SECURE THESE ITEMS IN PLACE. PREPARE ALL WALLS TO RECIEVE NEW FINISHES INCLUDING FILING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW PAINT FINISH. UPON COMPLETION OF WALL PREPARATION, REINSTALL EXISTING AND NEW OWNER PROVIDED WALL MOUNTED TIEMS INCLUDING BUT NOT LIMITED TO CORK BOARDS, WHITE BOARDS, SMARTBOARDS, SIGNAGE, ARTWORK, HOOKS, PROJECTORS, PROJECTOR BRACKETS, SCREENS, AND ALL DEVICES USED TO SECURE THESE ITEMS IN PLACE IN ACCORDANCE WITH ENLARGED CLASSROOM ELEVATIONS.
7	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS.
8	SINK & FAUCET	P CONTRACT TO FURNISH AND INSTALL NEW DROP-IN SINK AND NEW FAUCET, REFER TO PLUMBING DRAWINGS
16	NEW UNIT VENTILATOR	GC SHALL COORDINATE WITH MECHANICAL CONTRACTOR THE LOCATION AND INSTALLATION OF NEW UNIT VENTILATORS. PATCHING OF EXISTING WALL AROUND NEW UNIT VENTILATOR SHALL BE REQUIRED. PATCH AND REPAIR WALL AS NEEDED. PAINT REPAIRED PORTION OF WALL TO MATCH EXISTING WALL PAINT. PROVIDE NEW WALL BASE AS NEEDED ALONG WALL AND AROUND NEW UINIT VENTILATOR.

CLASSROOM CASEWORK

Type Mark	Width	Depth	Height	Description
100	2' - 0"	2' - 1"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR
101	3' - 0"	2' - 0"	2' - 3 1/2"	BASE CABINET - DOUBLE DOOR
101b	3' - 0"	2' - 0"	2' - 3 1/2"	BASE CABINET - DOUBLE DOOR WITH REAR MECHANICAL CHASE
102	3' - 0"	2' - 0"	2' - 9"	BASE CABINET - ADA SINK

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEET PE-A 501.
2. VERIFY SINK AND CASEWORK HEIGHTS WITH OWNER PRIOR TO ORDERING.



KEY PLAN - TYPE '2'

SCALE: 1" = 100'-0"

H 2 M architects + engineers
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A. DUNN	A. DUNN	S. MANDIC	M. MAGAZU

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

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SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
CLASSROOM TYPE 2

DRAWING No.
PE-A 401.00

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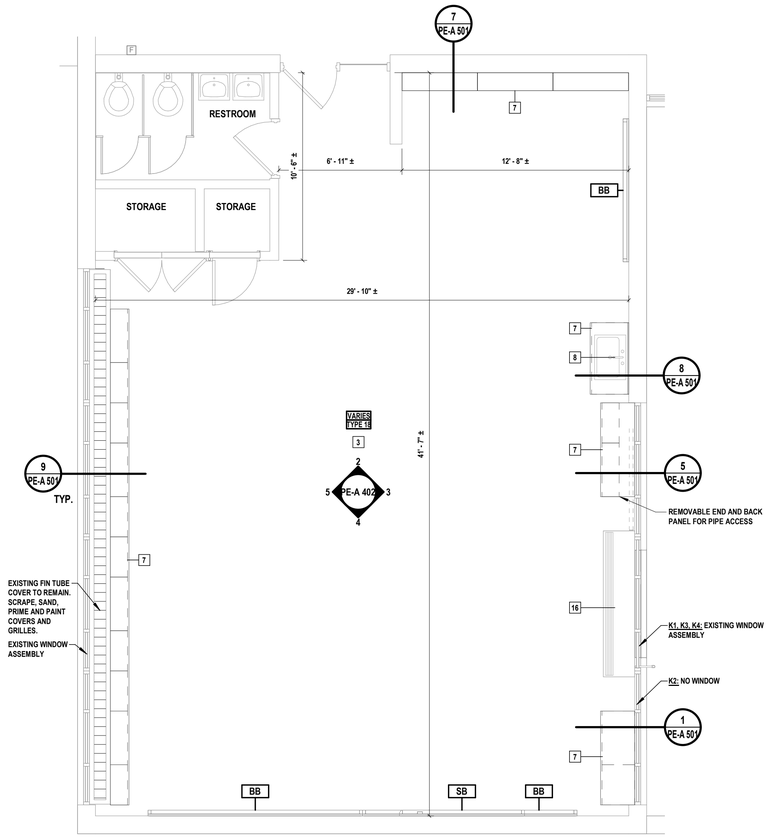
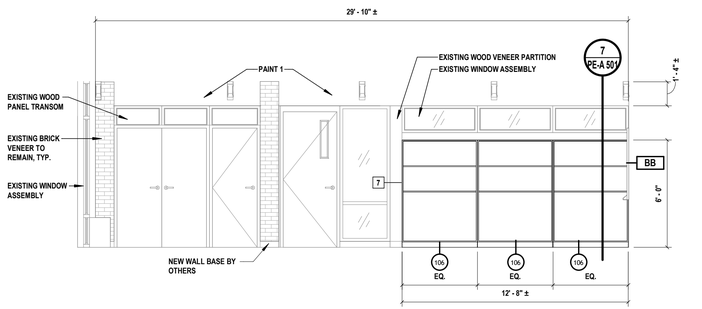


PROJECT NORTH

1 TYPICAL CLASSROOM TYPE '18' PLAN

SCALE: 1/4" = 1'-0"



2 CLASSROOM TYPE '18' ELEVATION

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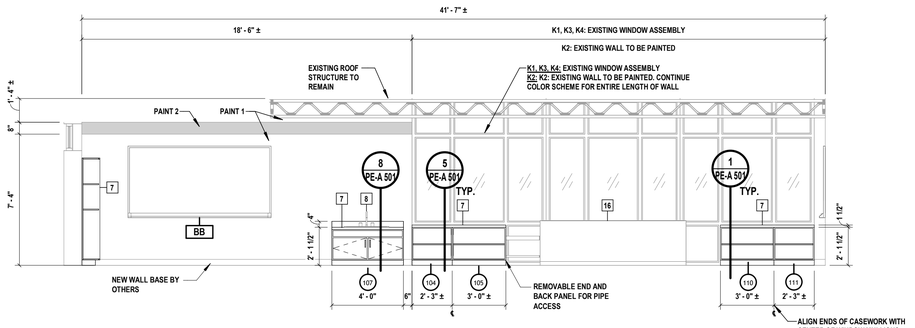

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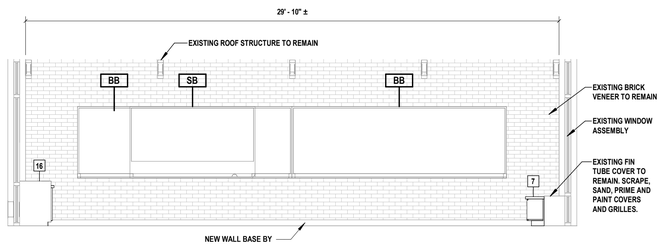

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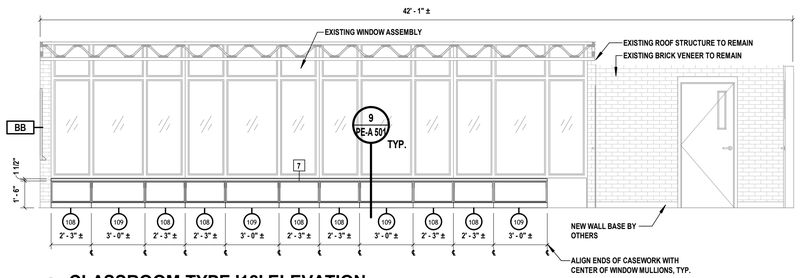

5 CLASSROOM TYPE '18' ELEVATION

SCALE: 1/4" = 1'-0"

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEET PE-A 501.
2. VERIFY SINK AND CASEWORK HEIGHTS WITH OWNER PRIOR TO ORDERING.

FINISH LEGEND



WALL PAINT PATTERN:

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COLOR: SHOW STOPPER (SW#7588)

PAINT 1 COLOR: PASSIVE (SW#7064)

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MFR.: WILSONART
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COLOR: NOVA SERRANA #Q4068

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TEXTURE: NATURELLE
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FLOOR PLAN LEGEND

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CONTRACT G SCOPE

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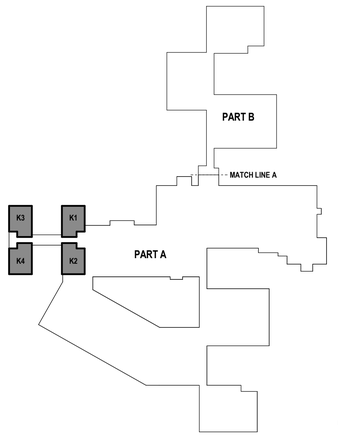
CLASSROOM CASEWORK

Type Mark	Width	Depth	Height	Description
104	2' - 3"	0' - 11 1/2"	2' - 1 1/2"	BASE CABINET - TWO SHELVES
105	3' - 0"	0' - 11 1/2"	2' - 1 1/2"	BASE CABINET - TWO SHELVES
106	4' - 2 1/2"	1' - 0"	6' - 0"	WALL SHELVING
107	4' - 0"	2' - 1"	2' - 0"	BASE CABINET - KINDERGARTEN SINK
108	2' - 3"	0' - 11 1/2"	1' - 6"	BASE CABINET - TWO SHELVES
109	3' - 0"	0' - 11 1/2"	1' - 6"	BASE CABINET - TWO SHELVES
110	3' - 0"	1' - 10"	2' - 1 1/2"	BASE CABINET - TWO SHELVES
111	2' - 3"	1' - 10"	2' - 1 1/2"	BASE CABINET - TWO SHELVES

CLASSROOM TYPE "18"

Number	Scopes	Classroom Type	Mirrored	Comments
K-1	1, 3, 7, 8, 16	18	SHOWN MIRRORED	
K-2	1, 3, 7, 8, 16	18	SHOWN MIRRORED	
K-3	1, 3, 7, 8, 16	18	SHOWN MIRRORED	
K-4	1, 3, 7, 8, 16	18		



PROJECT NORTH

KEY PLAN - TYPE '18'

SCALE: 1" = 100'-0"

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A. DUNN	A. DUNN	S. MANDIC	M. MAGAZU

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES CLASSROOM TYPE 18

DRAWING No.

PE-A 402.00

C:\Users\APappas\Documents_Revit Backup\SMSD2505_Central25_A_apappas\V6997.rvt

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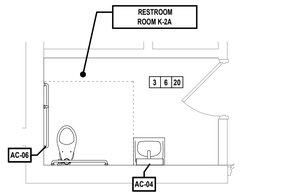

1 RESTROOM TYPE A1
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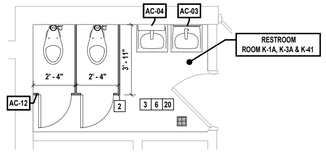

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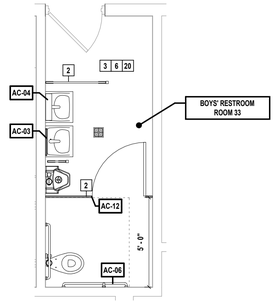

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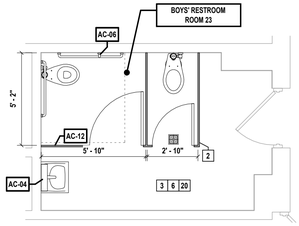

4 RESTROOM TYPE C
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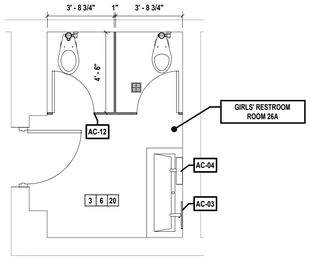

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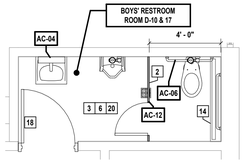

6 RESTROOM TYPE E1
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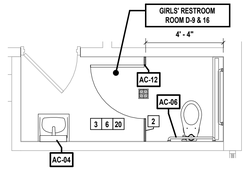

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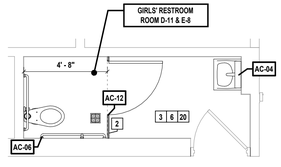
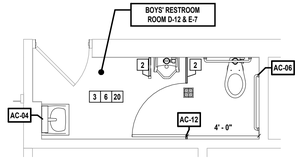
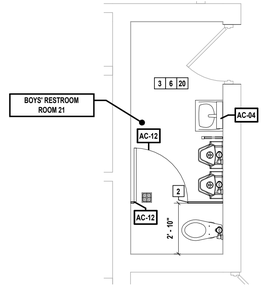


8 RESTROOM TYPE F1
SCALE: 1/4" = 1'-0"



9 RESTROOM TYPE F2
SCALE: 1/4" = 1'-0"



11 RESTROOM TYPE G
SCALE: 1/4" = 1'-0"

CONSTRUCTION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		EXISTING DOOR TO REMAIN
11	KEYED CONSTRUCTION NOTE INDICATOR		NEW DOOR
#	INDICATES DOOR TAGS FOR WORK IN CONTRACT - CONTRACTOR SHALL FIELD VERIFY ALL DOOR SIZES		INDICATES FLOOR FINISH FOR WORK IN CONTRACT
#	INDICATES THRESHOLD TAGS FOR WORK IN CONTRACT		EXISTING WALL TO REMAIN
			NEW EXPOXY 1 FLOOR FINISH

ACCESSORY SCHEDULE

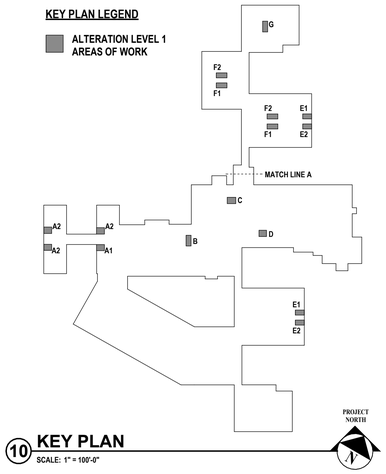
FIXTURE NO.	NAME	BRAND	MODEL #	QUANTITY	ADA
AC-03	CHANNEL FRAME MIRROR	BRADLEY CORPORATION	781	3	
AC-04	FIXED TILT MIRROR	BRADLEY CORPORATION	740	10	
AC-06	(3X) 1 1/4" DIM ADA GRAB BAR - 47", 36" 18"			7	
AC-12	TOILET PARTITION	SCRANTON PRODUCTS	HINEY HIDERS	12	

GENERAL CONSTRUCTION NOTES

1. TOILET ROOM DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKEOFFS AND FABRICATION OF MATERIALS.
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. PLUMBING CONTRACTOR SHALL ADJUST LOCATIONS OF WATER SUPPLIES AND WASTE AS REQUIRED FOR NEW FIXTURES.
4. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
5. CONTRACTOR SHALL INSTALL WALL TILES SO THAT THEY ARE VERTICALLY PLUMB WITHIN 1/8" FROM THE FACE OF THE BASE TILE TO THE FACE OF THE UPPERMOST TILE.
6. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
7. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
8. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE SET-OUT POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE WITH A MINIMUM DIMENSION OF FOUR (4) INCHES IN ANY DIRECTION.
9. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER & ARCHITECT

CONSTRUCTION NOTES - CONTRACT G

2	PARTITION SYSTEM	INSTALL NEW BATHROOM PARTITIONS.
3	WALL PAINT	PROVIDE NEW WALL PAINT. REFER ACCENT PAINT DETAIL FOR LAYOUT.
6	ACCESSORY FIXTURES	PROVIDE WALL MOUNTED ACCESSORY FIXTURES, WHICH INCLUDE MIRRORS AND GRAB BARS.
14	RADIATOR	EXISTING RADIATOR TO REMAIN.
18	DOOR LEAF	PROVIDE NEW WOOD DOOR IN KIND. PAINT TO MATCH INTERIOR BATHROOM PARTITIONS AND ACCENT PAINT COLOR SELECTION. COLOR SELECTION SHALL BE CONFIRMED WITH ARCHITECT PRIOR TO APPLICATION.
20	WALL MOUNTED DEVICES	EXISTING ELECTRICAL DEVICES ON WALL TO REMAIN. PROTECT DURING APPLICATION OF NEW WALL PAINT, VERIFY LOCATION IN FIELD.



10 KEY PLAN
SCALE: 1" = 100'-0"

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No.: 041183
Exp. Date

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
RESTROOM UPGRADES PROPOSED PLANS

DRAWING No.
PE-A 430.00

X:\SI\SMSD (Somers School District)\SMSD2505 (PES Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Bathroom Upgrades\SMSD2505_BathroomUpgrades.rvt
11/10/2026 7:03:00 AM

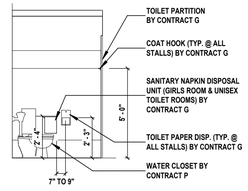
FINISH SCHEDULE

ROOM NUMBER	FLOORING		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		COMMENTS
	FINISH	BASE	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	
K-3A	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
K-4A	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
K-2A	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
K-1A	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
21	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
D-12	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
D-11	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
D-9	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
D-10	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
E-7	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
E-8	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
16	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
17	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
33	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
23	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	
26A	E.P. 1	E.P. 1	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	EXIST	E.P.	

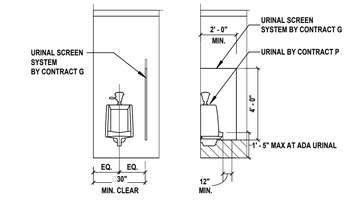
NOTE: FLOORING IS NOT APART OF CONTRACT 'G' AND WILL BE PROVIDED AND INSTALLED BY SEPARATE FLOORING CONTRACT. GC SHALL COORDINATE WORK SEQUENCING AND SCHEDULE WITH FLOORING CONTRACTOR

FINISH ABBREVIATIONS

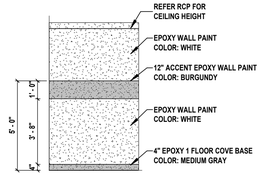
CG	CORNER GUARD	P.T./PT	PAINT
C.M.U.	CONCRETE MASONRY UNIT	S.A.C./SAC	SUSPENDED ACOUSTICAL CEILING
CONC.	CONCRETE	STRUCT.	STRUCTURE
C.F.T./CFT	CERAMIC FLOOR TILE	V.C.T./VCT	VINYL COMPOSITE TILE
C.W.T./CWT	CERAMIC WALL TILE	EXIST.	EXISTING
D.F.	DRINKING FOUNTAIN	EXT	EXTERIOR
E.P.	EPOXY PAINT	HM	HOLLOW METAL
EXP.	EXPOSED	U.S.	UNDERSIDE
G.W.B./GWB	GYPSUM WALL BOARD		
L.V.T./LVT	LUXURY VINYL TILE		
R.B./RB	RUBBER BASE		
RUBBER	RUBBER FLOORING		



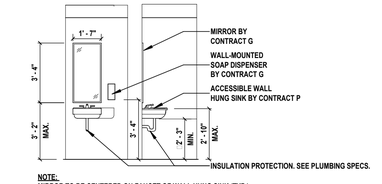
1 TOILET - TYPICAL
SCALE: 1/4" = 1'-0"



2 URINAL - ACCESSIBLE
SCALE: 1/4" = 1'-0"



3 PAINT ACCENT WALL
SCALE: 1/4" = 1'-0"



NOTE:
MIRROR TO BE CENTERED ON FAUCET OF WALL HUNG SINK (TYP.)
REFER PLAN FOR LOCATION OF SOAP DISPENSER

4 WALL HUNG SINK
SCALE: 1/4" = 1'-0"

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
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NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

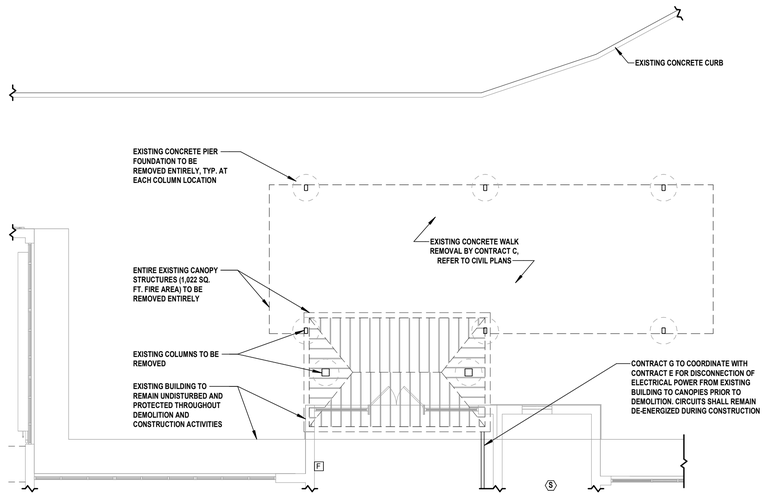
SHEET TITLE

RESTROOM UPGRADES DETAILS, DOOR AND FINISH SCHEDULES

DRAWING No.

PE-A 431.00

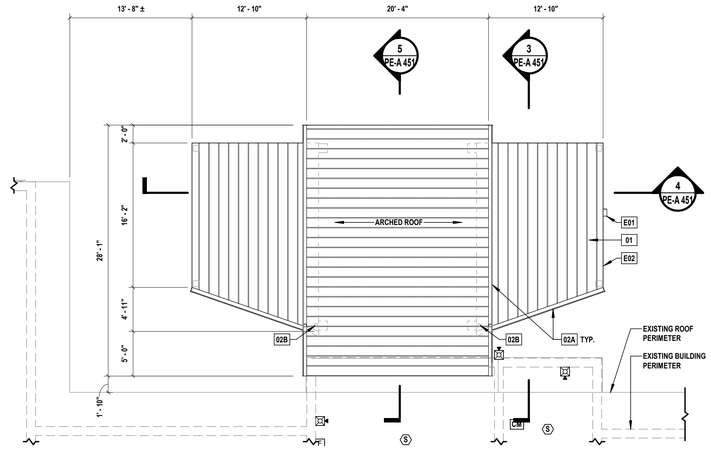
11/10/2026 7:02:06 AM
X:\SIS\MSD (Somers School District)\SMSD2505 (PES Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Bathroom Upgrades\SMSD2505_BathroomUpgrades.rvt



1 ENTRY CANOPY - DEMOLITION PLAN

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

PROJECT NORTH



2 ENTRY CANOPY - PROPOSED ROOF PLAN

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

PROJECT NORTH

NOTE: ALL LIGHT FIXTURES SHOWN FOR COORDINATION PURPOSES. LIGHT FIXTURES ARE PROVIDED AND INSTALLED BY CONTRACT E.

4 ENTRY CANOPY - PROPOSED REFLECTED CEILING PLAN

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

PROJECT NORTH

3 ENTRY CANOPY - PROPOSED COLUMN PLAN

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

PROJECT NORTH

CANOPY KEY NOTES

KEY	DESCRIPTION
01	CONTRACT G TO PROVIDE AND INSTALL NEW 24ga. MEGA-RIB METAL ROOFING
02A	CONTRACT G TO PROVIDE AND INSTALL NEW 0.050" ALUM. SEAMLESS HALF ROUND GUTTER WITH HANGERS @ 24" O.C. GUTTERS TO BE 7" DEEP WITH MINIMUM 1/8" PER FOOT SLOPE. PROVIDE ALL NECESSARY FRAMING REQUIRED TO ATTACH AND SUPPORT THE GUTTER SYSTEM.
02B	CONTRACT G TO PROVIDE AND INSTALL NEW 0.050" ALUM. 4" DIAMETER DOWNSPOUT. CONNECT DOWNSPOUT TO BELOW GRADE STORM DRAINAGE, SEE DETAIL 6/PE-A 451
03A	GIRDER: 12"x12" STEEL HSS - ARCHED - CONTRACT G
03B	GIRDER: 12"x12" STEEL HSS - SLOPED (ARCH CANOPY) - CONTRACT G
03C	GIRDER: 8"x12" STEEL HSS - SLOPED (SIDE CANOPIES) - CONTRACT G
04A	FASCIA: 3"x8" STEEL HSS (ARCH CANOPY) - CONTRACT G
04B	FASCIA: 3"x12" STEEL HSS (SIDE CANOPIES) - CONTRACT G
05A	PURLIN: 4"x12" TALL STEEL HSS (ARCH CANOPY) - CONTRACT G
05B	PURLIN: 4"x8" STEEL HSS (SIDE CANOPIES) - CONTRACT G
05C	PURLIN: 4"x8" STEEL HSS - CANTILEVERED EXTENSION (ARCH CANOPY) - CONTRACT G
06	BEAM: 4"x12" STEEL HSS (ARCH CANOPY) - CONTRACT G
07A	COLUMN: 12"x12" STEEL HSS (ARCH CANOPY, COLUMN LINES 2 & 3) - CONTRACT G
07B	COLUMN: 8"x8" STEEL HSS (SIDE CANOPIES, COLUMN LINES 1 & 4) - CONTRACT G
08	CONTRACT G TO PROVIDE AND INSTALL NEW POURED CONCRETE FOOTING AS PER DELEGATED DESIGN, SEE BASIS OF DESIGN DETAIL 6/PE-A 451
09	CONTRACT G TO PROVIDE AND INSTALL NEW 8" TALL FLAT CUT PIN MOUNTED ALUMINUM SIGNAGE WITH 1" STANDOFFS (ARCH CANOPY)
C01	NEW CONCRETE WALK PROVIDED BY CONTRACT C, REFER TO CIVIL DWGS. CONTRACT G TO COORDINATE.
C02	NEW STORM DRAIN PROVIDED BY CONTRACT C, REFER TO CIVIL DWGS. CONTRACT G TO COORDINATE.
E01	NEW LIGHT FIXTURE PROVIDED AND INSTALLED BY CONTRACT E, CONTRACT G TO COORDINATE WITH CONTRACT E.
E02	NEW PHOTOCELL PROVIDED AND INSTALLED BY CONTRACT E, CONTRACT G TO COORDINATE WITH CONTRACT E.

GENERAL NOTES - CONTRACT G

1. DRAWINGS AND SPECIFICATIONS PROVIDE MINIMUM REQUIREMENTS AND DESIGN INTENT FOR THE PRE-FABRICATED CANOPY STRUCTURE AND CONCRETE PIER FOUNDATIONS. CONTRACTOR SHALL PROVIDE DRAWINGS AND CALCULATIONS FOR BOTH THE PRE-FABRICATED CANOPY STRUCTURE AND PIER FOUNDATIONS. DRAWINGS AND CALCULATIONS SHALL BE SEALED BY NEW YORK STATE LICENSED ENGINEER AND SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
2. PRE-FABRICATED CANOPY STRUCTURE COMPONENT AND MEMBER SIZES SHOWN ON THE DRAWINGS ARE MINIMUM SIZES AND SHALL BE THE RESPONSIBILITY OF THE DELEGATED DESIGN ENGINEER TO DETERMINE ACTUAL SIZES AND THICKNESS.
3. CONTRACT G SHALL COORDINATE THE DISCONNECTION OF ELECTRICAL POWER FROM EXISTING BUILDING TO EXISTING CANOPIES PRIOR TO DEMOLITION WITH CONTRACT E. CONTRACT E SHALL BE RESPONSIBLE FOR ALL DE-ENERGIZATION AND RE-ENERGIZATION OF ELECTRICAL POWER. CIRCUITS SHALL REMAIN DE-ENERGIZED DURING CONSTRUCTION.

STRUCTURAL DESIGN CRITERIA & NOTES
CONTRACT - G

1. BUILDING CODE:
   2025 BUILDING CODE OF NEW YORK STATE IN CONJUNCTION WITH THE 2024 INTERNATIONAL BUILDING CODE.
2. RISK CATEGORY:
   III
3. BUILDING GRAVITY LOADS:
   A. DEAD LOADS: BY CANOPY DESIGNER
   B. LIVE LOADS: ROOF 20 PSF
   C. SNOW LOADS:

GROUND SNOW LOAD, pg	61.0 PSF
EXPOSURE COEFFICIENT, Ce	1.0
THERMAL COEFFICIENT, Ct	1.2
MINIMUM SNOW LOAD, pm	35.0 PSF
FLAT ROOF SNOW LOAD, pf	51.2 PSF
RAIN-ON-SNOW SURCHARGE	0.0 PSF

4. WIND LOADS:

BASIC WIND SPEED	123 MPH
EXPOSURE	B
END ZONE WIDTH, a	3 FT
DESIGN WIND ZONE:	DESIGN WIND PRESSURE:
MWFRS ROOF (PRESSURE, MAX.)	19.0 PSF
MWFRS ROOF (SUCTION, MAX.)	-16.0 PSF
C&C ROOF (ZONE 3)	45.0, -42.0 PSF
C&C ROOF (ZONE 2)	35.0, -32.0 PSF
C&C ROOF (ZONE 1)	22.5, -21.0 PSF

COMPONENT AND CLADDING VALUES LISTED ARE BASED ON 10 SQUARE FOOT "EFFECTIVE AREA" AS DEFINED BY ASCE 7 - MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES. ALL ITEMS SPECIFIED TO BE DESIGNED BY OTHERS SHALL BE DESIGNED TO WITHSTAND COMPONENT AND CLADDING LOADS SHOWN, UNLESS SPECIFICALLY NOTED OTHERWISE IN PLANS, SPECIFICATIONS OR BY RFI RESPONSE. WIND LOADS MAY BE REDUCED BASED ON INCREASED "EFFECTIVE AREA" WHEN CALCULATIONS ARE SUBMITTED AND REVIEWED BY ENGINEER OF RECORD PRIOR TO FINAL DESIGN SUBMISSION. SUBMITTAL SHALL INCLUDE EFFECTIVE AREA ASSUMPTIONS FOR EACH COMPONENT AND WIND LOAD CALCULATIONS USING PARAMETERS SPECIFIED HEREIN.

REFER TO PREFABRICATED METAL BUILDING ENGINEERING DRAWINGS (BY OTHERS) FOR WIND LOADS ON PREFABRICATED METAL BUILDINGS.

5. SEISMIC LOADS:

SEISMIC SITE CLASS	DEFAULT
SEISMIC IMPORTANCE FACTOR, Ie	1.25
Ss = 0.26 g	S1 = 0.05 g
Sms =0.29 g	Sm1 =0.11 g
Sds =0.2 g	Sd1 =0..071 g
SEISMIC DESIGN CATEGORY	B

6. SOIL DESIGN VALUES: PRESUMED MINIMUMS USED FOR CL, ML, MH, AND CH

SOIL BEARING CAPACITY	1,500 PSF
PASSIVE BEARING CAPACITY	100 PSF/FT
COHESION	130 PSF

7. ANY BUILDING COMPONENT NOTED AS DELEGATED DESIGN ITEMS IN DRAWINGS AND/OR SPECIFICATIONS SHALL BE DESIGNED IN ACCORDANCE WITH MINIMUM LOADS SPECIFIED ABOVE. ANY DEVIATION FROM NOTED LOAD VALUES SHALL BE SUBMITTED BY CONTRACTOR FOR REVIEW AND APPROVAL TO EOR PRIOR TO SUBMITTING SHOP DRAWINGS AND CALCULATIONS.
8. CANOPY STRUCTURE AND SUPPORTING FOUNDATIONS SHALL BE A DELEGATED DESIGN. STAMPED AND SIGNED STRUCTURAL DRAWINGS AND DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO CONSTRUCTION.
8. ALL DELEGATED DESIGN SHALL BE DONE TO THE ABOVE REFERENCED BUILDING CODE VERSIONS, AND THEIR REFERENCED SUBCODES.
9. ADDITIONAL DESIGN LOADS INDICATED ON STRUCTURAL DRAWINGS ARE IDENTIFIED AS FOLLOWS:
   DL = DEAD LOAD
   LL = LIVE LOAD
   Lr = ROOF LIVE LOAD
   SL = SNOW LOAD
   WL = WIND LOAD
   EQ = SEISMIC LOAD
   FL = FLOOD LOAD

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
KATRINA N. PACHECO, R.A. Exp. Date
NY PROFESSIONAL ARCHITECT LIC. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. MAGAZU	M. MAGAZU	S. MANDIC	L. FEELEY

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED CANOPY PLANS

DRAWING No.

PE-A 450.00

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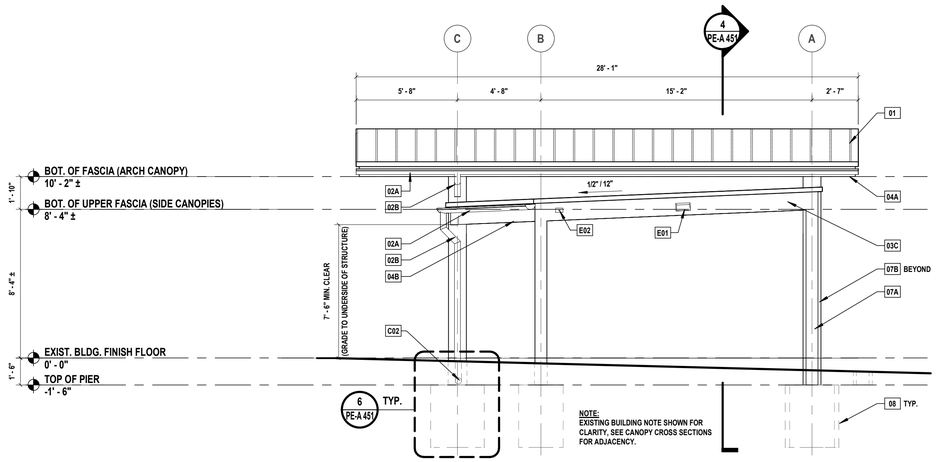
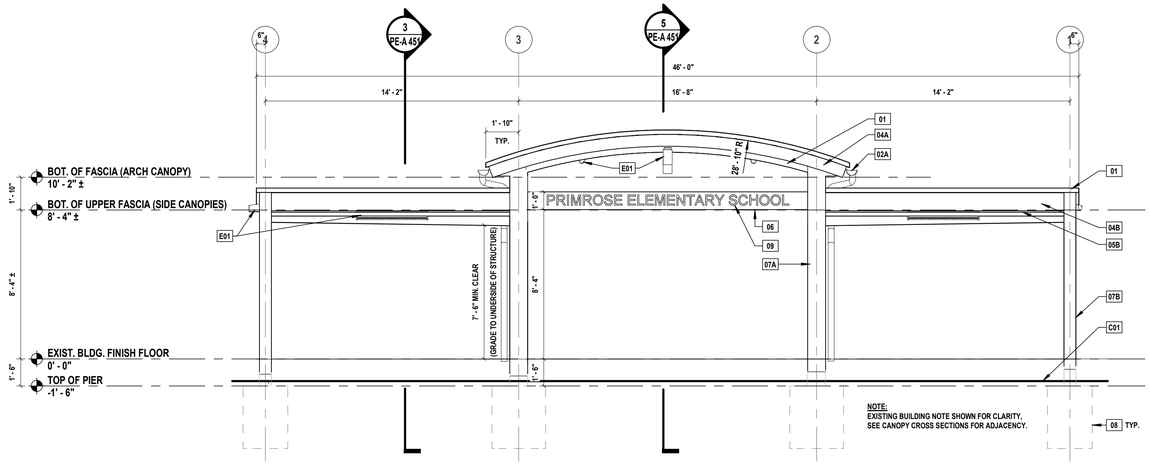


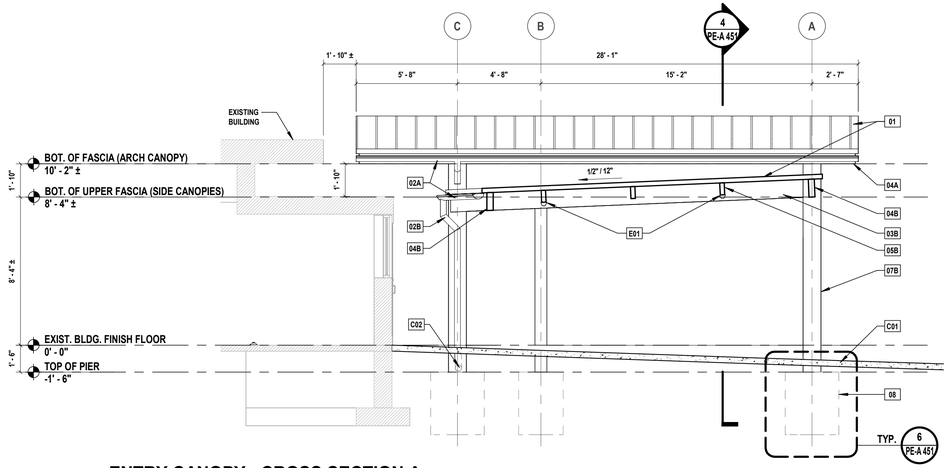
1 ENTRY CANOPY - SIDE ELEVATION (TYP.)

SCALE: 1/4" = 1'-0"



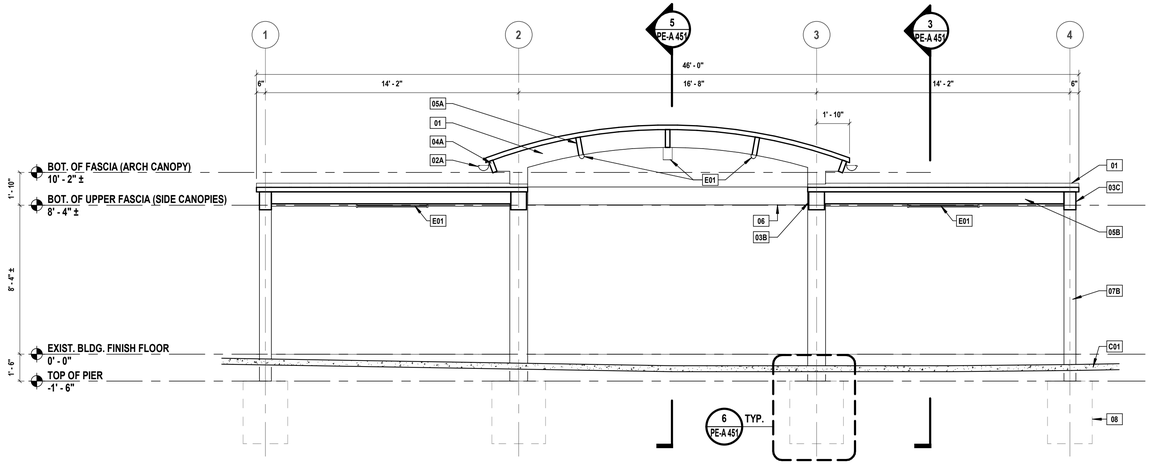
2 ENTRY CANOPY - FRONT ELEVATION

SCALE: 1/4" = 1'-0"



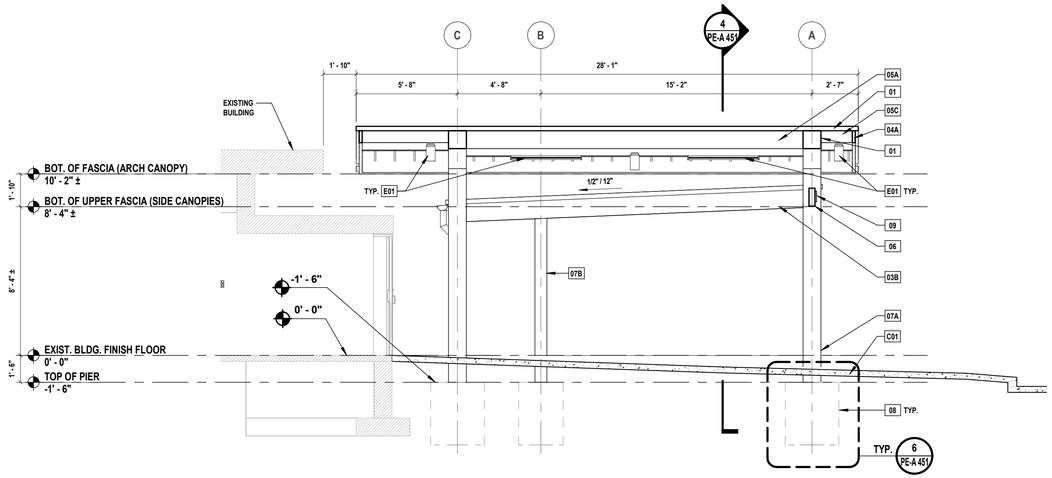
3 ENTRY CANOPY - CROSS SECTION A

SCALE: 1/4" = 1'-0"



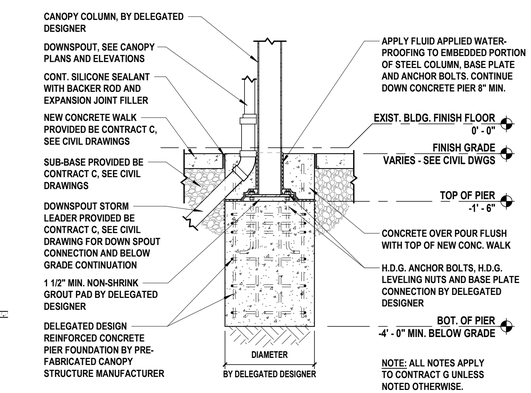
4 ENTRY CANOPY - LONGITUDINAL SECTION A

SCALE: 1/4" = 1'-0"



5 ENTRY CANOPY - CROSS SECTION B

SCALE: 1/4" = 1'-0"



6 CONCRETE PIER DETAIL

SCALE: 1/2" = 1'-0"

CANOPY KEY NOTES 2

KEY	DISCRIPTION
01	CONTRACT G TO PROVIDE AND INSTALL NEW 24ga. MEGA-RIB METAL ROOFING
02A	CONTRACT G TO PROVIDE AND INSTALL NEW 0.050" ALUM. SEAMLESS HALF ROUND GUTTER WITH HANGERS @ 24" O.C. GUTTERS TO BE 7" DEEP WITH MINIMUM 1/8" PER FOOT SLOPE. PROVIDE ALL NECESSARY FRAMING REQUIRED TO ATTACH AND SUPPORT THE GUTTER SYSTEM.
02B	CONTRACT G TO PROVIDE AND INSTALL NEW 0.050" ALUM. 4" DIAMETER DOWNSPOUT. CONNECT DOWNSPOUT TO BELOW GRADE STORM DRAINAGE, SEE DETAIL 6/PE-A 451
03A	GIRDER: 12"x12" STEEL HSS - ARCHED - CONTRACT G
03B	GIRDER: 12"x12" STEEL HSS - SLOPED (ARCH CANOPY) - CONTRACT G
03C	GIRDER: 8"x12" STEEL HSS - SLOPED (SIDE CANOPIES) - CONTRACT G
04A	FASCIA: 3"x8" STEEL HSS (ARCH CANOPY) - CONTRACT G
04B	FASCIA: 3"x12" STEEL HSS (SIDE CANOPIES) - CONTRACT G
05A	PURLIN: 4"x12" TALL STEEL HSS (ARCH CANOPY) - CONTRACT G
05B	PURLIN: 4"x8" STEEL HSS (SIDE CANOPIES) - CONTRACT G
05C	PURLIN: 4"x8" STEEL HSS - CANTILEVERED EXTENSION (ARCH CANOPY) - CONTRACT G
06	BEAM: 4"x12" STEEL HSS (ARCH CANOPY) - CONTRACT G
07A	COLUMN: 12"x12" STEEL HSS (ARCH CANOPY, COLUMN LINES 2 & 3) - CONTRACT G
07B	COLUMN: 8"x8" STEEL HSS (SIDE CANOPIES, COLUMN LINES 1 & 4) - CONTRACT G
08	CONTRACT G TO PROVIDE AND INSTALL NEW POURED CONCRETE FOOTING AS PER DELEGATED DESIGN, SEE BASIS OF DESIGN DETAIL 6/PE-A 451
09	CONTRACT G TO PROVIDE AND INSTALL NEW 8" TALL FLAT CUT PIN MOUNTED ALUMINUM SIGNAGE WITH 1" STANDOFFS (ARCH CANOPY)
C01	NEW CONCRETE WALK PROVIDED BY CONTRACT C, REFER TO CIVIL DWGS. CONTRACT G TO COORDINATE.
C02	NEW STORM DRAIN PROVIDED BY CONTRACT C, REFER TO CIVIL DWGS. CONTRACT G TO COORDINATE.
E01	NEW LIGHT FIXTURE PROVIDED AND INSTALLED BY CONTRACT E, CONTRACT G TO COORDINATE WITH CONTRACT E.
E02	NEW PHOTOCELL PROVIDED AND INSTALLED BY CONTRACT E, CONTRACT G TO COORDINATE WITH CONTRACT E.

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REGISTERED ARCHITECT
KATRINA PACHECO
041183
STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
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SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED CANOPY SECTIONS AND DETAILS

DRAWING No.

PE-A 451.00

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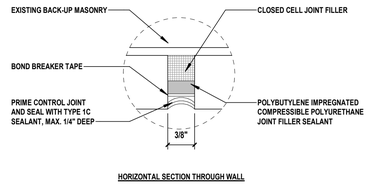
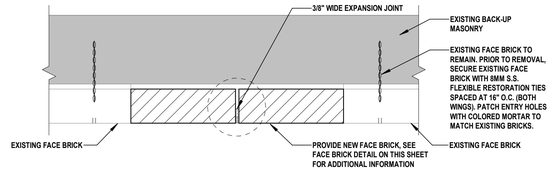
1 MASONRY POINTING
SCALE: 1 1/2" = 1'-0"

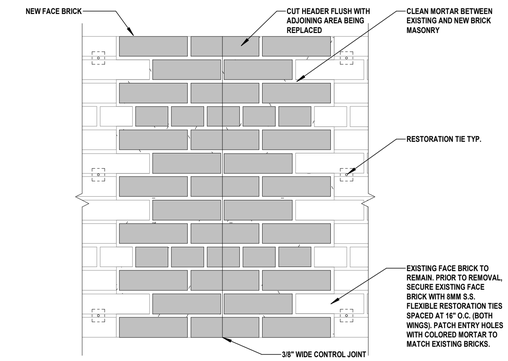


HORIZONTAL SECTION THROUGH WALL

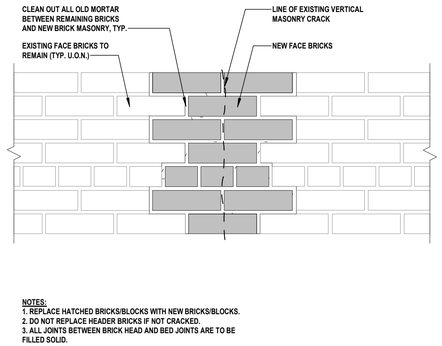
2 EXTERIOR MASONRY WALL - CONTROL JOINT-SECTION
SCALE: 12" = 1'-0"



3 EXTERIOR MASONRY WALL - EXPANSION JOINT-PLAN
SCALE: 1 1/2" = 1'-0"

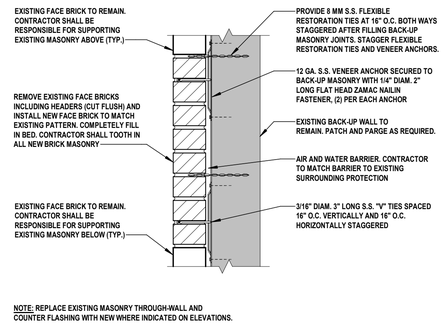


4 EXTERIOR MASONRY WALL - EXPANSION JOINT-ELEVATION
SCALE: 1 1/2" = 1'-0"



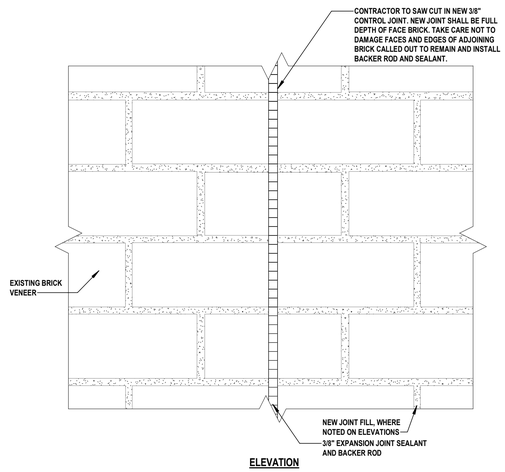
NOTES:
1. REPLACE HATCHED BRICKS/BLOCKS WITH NEW BRICKS/BLOCKS.
2. DO NOT REPLACE HEADER BRICKS IF NOT CRACKED.
3. ALL JOINTS BETWEEN BRICK HEAD AND BED JOINTS ARE TO BE FILLED SOLID.

5 MASONRY STITCH REPAIR
SCALE: 1 1/2" = 1'-0"



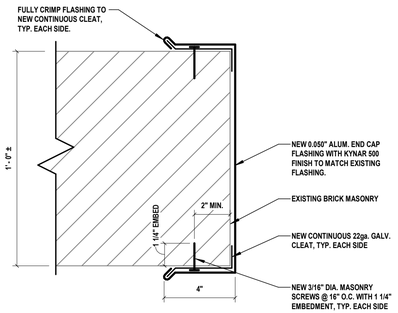
NOTE: REPLACE EXISTING MASONRY THROUGH-WALL AND COUNTER FLASHING WITH NEW WHERE INDICATED ON ELEVATIONS.

6 BRICK REPLACEMENT - FACE BRICK
SCALE: 1 1/2" = 1'-0"



ELEVATION

7 NEW EXPANSION JOINT - ELEVATION
SCALE: 3" = 1'-0"



8 WALL END CAP FLASHING
SCALE: 3" = 1'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. MANDIC	C. HENRY	S. MANDIC	L. FEELEY

PROJECT No:	DATE:	SCALE:
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STATUS

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SHEET TITLE

ARCHITECTURAL DETAILS

DRAWING No.

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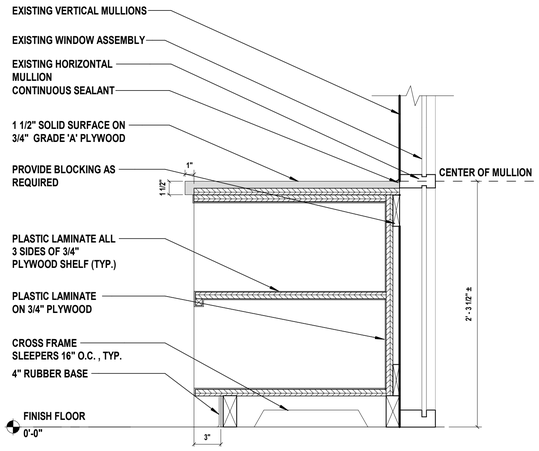
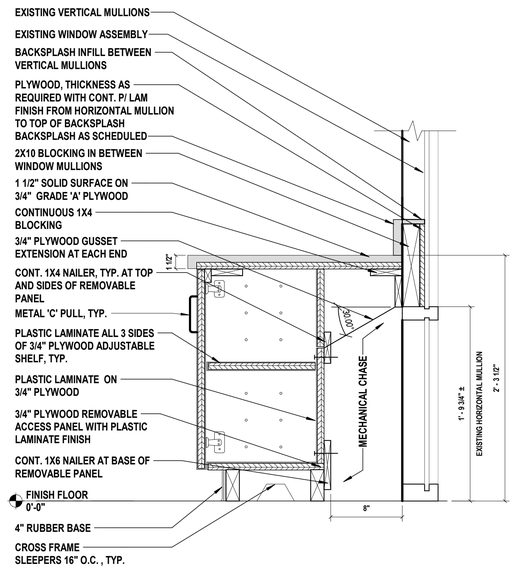


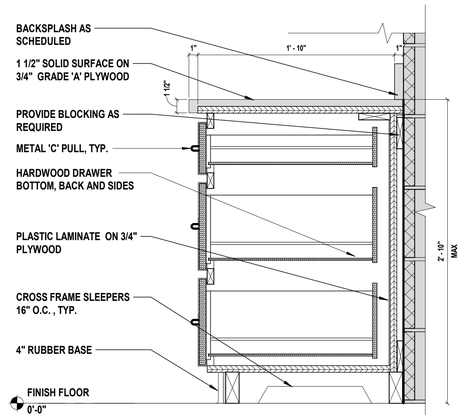
1 TWO SHELF OPEN CASEWORK SECTION

SCALE: 1 1/2" = 1'-0"



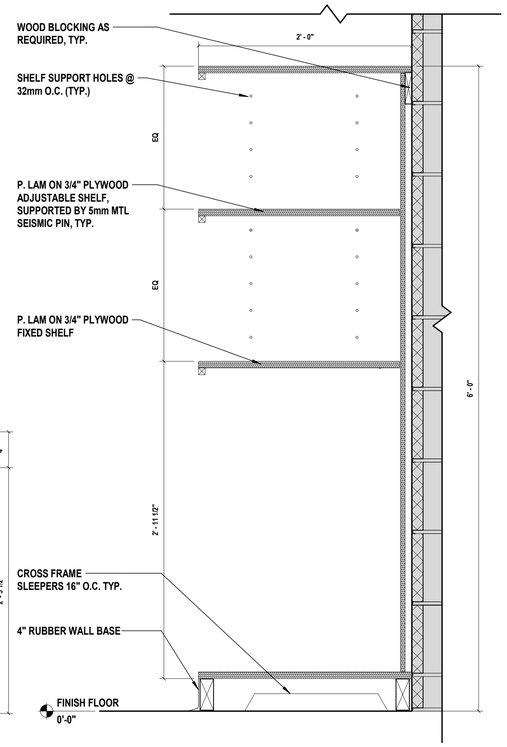
2 TWO DOOR CASEWORK SECTION W/ CHASE

SCALE: 1 1/2" = 1'-0"



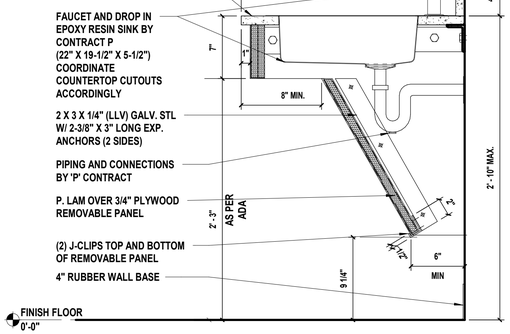
3 3 DRAWER CASEWORK SECTION

SCALE: 1 1/2" = 1'-0"



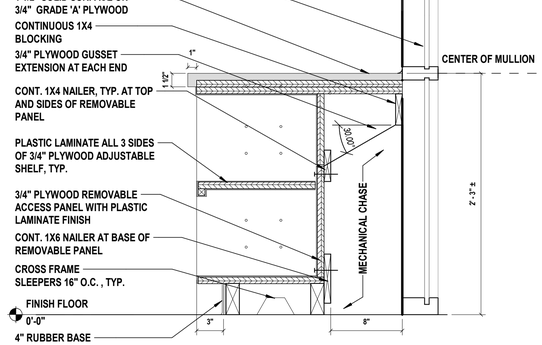
7 FULL HEIGHT OPEN SHELF CABINET SECTION

SCALE: 1 1/2" = 1'-0"



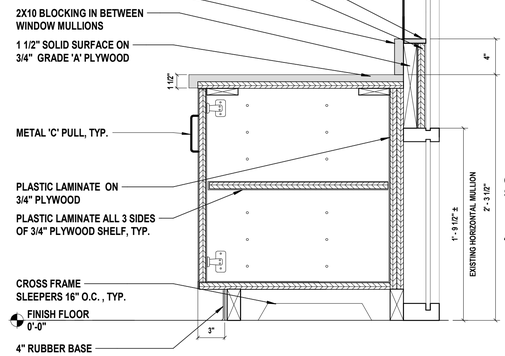
4 MILLWORK SECTION AT ADA SINK.

SCALE: 1 1/2" = 1'-0"



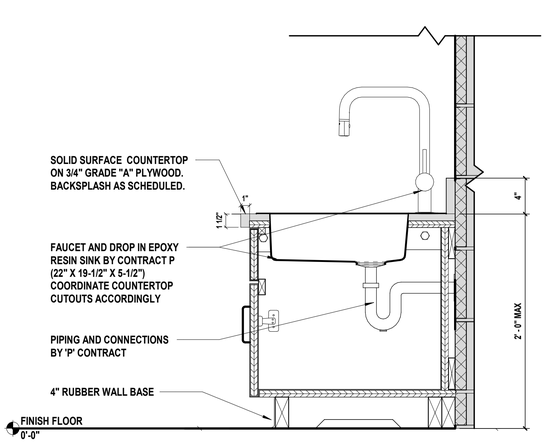
5 TWO SHELF OPEN CASEWORK SECTION W/CHASE

SCALE: 1 1/2" = 1'-0"



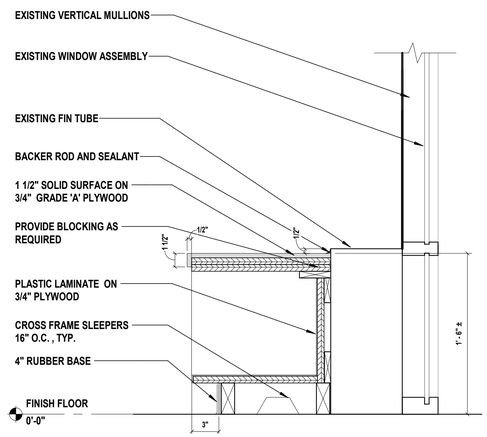
6 TWO DOOR CASEWORK SECTION

SCALE: 1 1/2" = 1'-0"



8 MILLWORK SECTION AT KINDERGARTEN SINK

SCALE: 1 1/2" = 1'-0"



9 OPEN CASEWORK SECTION W/CHASE

SCALE: 1 1/2" = 1'-0"

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A. DUNN	A. DUNN	S. MANDIC	M. MAGAZU

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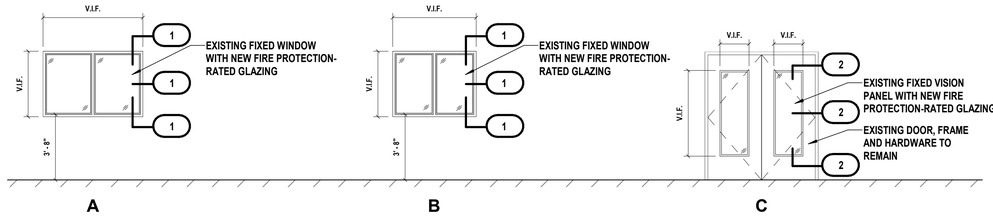


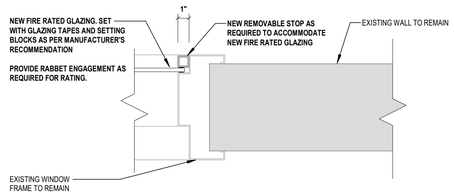
Window Types

SCALE: 1/4" = 1'-0"

WINDOW SCHEDULE						
TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	COMMENTS
A	EXIST.	PT	1/PE-A 610 SIM	1/PE-A 610 SIM	1/PE-A 610 SIM	EXISTING WIRE GLASS TO BE REPLACED WITH NEW FIRE PROTECTION-RATED GLAZING
B	EXIST.	PT	1/PE-A 610 SIM	1/PE-A 610 SIM	1/PE-A 610 SIM	EXISTING WIRE GLASS TO BE REPLACED WITH NEW FIRE PROTECTION-RATED GLAZING

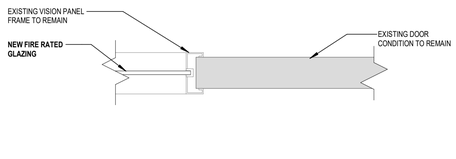
NOTES:

1. REFER TO WINDOW SCHEDULE, HARDWARE SETS, AND PROJECT MANUAL FOR HARDWARE INFORMATION.
2. ALL REQUIRED PREP AND MODIFICATIONS TO EXISTING WALL ASSEMBLIES TO ACCOMMODATE WINDOWS SHALL BE INCLUDED IN BID PRICE.
3. CONTRACTOR TO VERIFY ALL EXISTING OPENING SIZES, CONDITIONS AND SWINGS PRIOR TO ORDERING ANY MATERIAL, SHOULD ANY CONFLICTS ARISE, ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
4. WINDOWS FRAMES TO RECEIVE PAINTED FINISH, COLOR TO MATCH EXISTING COLOR.
5. ALL PROPOSED GLAZING TO RECEIVE SAFETY FILM 3M. REFER SPECIFICATIONS.



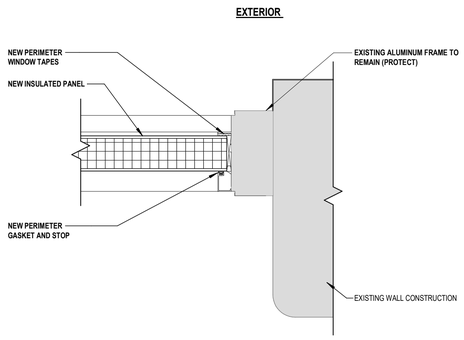
1 INTERIOR WINDOW CONDITION

SCALE: 3" = 1'-0"



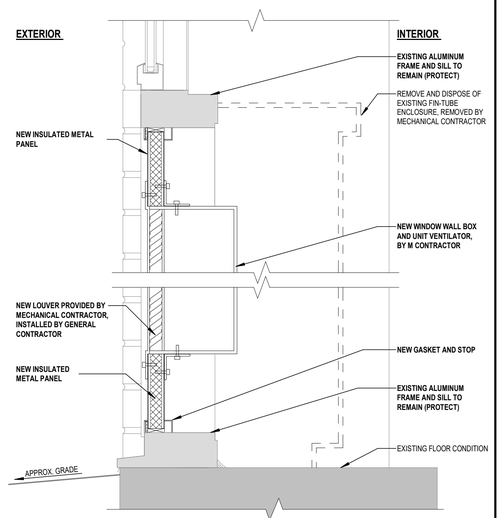
2 INTERIOR DOOR VISION PANEL CONDITION

SCALE: 3" = 1'-0"



3 INSULATED PANEL JAMB

SCALE: 3" = 1'-0"



4 THROUGH-WALL WALL BOX UNIT DETAIL

SCALE: 12" = 1'-0"

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S.MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

WINDOW SCHEDULE

DRAWING No.

PE-A 610.00

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10/30/2026 12:40:52 PM

DOOR SCHEDULE

DOOR NO.	FROM NAME	FROM NUMBER	TO NAME	TO NUMBER	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR LEAF WIDTH	DOOR LEAF HEIGHT	DOOR LEAF THICKNESS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE SET	COMMENTS
17	CORRIDOR	HW-1E	BOYS' RESTROOM	17	2A	WOOD	FF	3' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	RE-PT	45 MIN.	EXISTING	REMOVE, MAINTAIN, AND REINSTALL ALL EXISTING HARDWARE
26A	CORRIDOR	HW-1F	GIRLS' RESTROOM	26A	2A	WOOD	FF	3' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	RE-PT	45 MIN.	EXISTING	REMOVE, MAINTAIN, AND REINSTALL ALL EXISTING HARDWARE
30A	GYM STORAGE	30A	BIG GYMNASIUM	30	3A	WOOD	FF	6' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	RE-PT	45 MIN.	TBD	WIRE GLASS REPLACE TO FIRE RATED GLAZING
30AA	GYM STORAGE	30A	BIG GYMNASIUM	30	3A	WOOD	FF	6' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	RE-PT	45 MIN.	TBD	WIRE GLASS REPLACE TO FIRE RATED GLAZING
D-10	CORRIDOR	HW-I	RESTROOM	D-10	2A	WOOD	FF	3' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	RE-PT	45 MIN.	EXISTING	REMOVE, MAINTAIN, AND REINSTALL ALL EXISTING HARDWARE

NOTES:

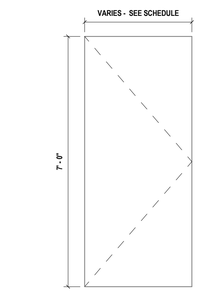
1. REFER TO DOOR SCHEDULE, HARDWARE SETS, AND PROJECT MANUAL FOR HARDWARE INFORMATION.
2. ALL REQUIRED PREP AND MODIFICATIONS TO EXISTING WALL ASSEMBLIES TO ACCOMMODATE NEW DOORSSHALL BE INCLUDED IN BID PRICE.
3. CONTRACTOR TO VERIFY ALL EXISTING OPENING SIZES, CONDITIONS AND SWINGS PRIOR TO ORDERING ANY MATERIAL, SHOULD ANY CONFLICTS ARISE, ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
4. DOOR FRAMES TO RECEIVE PAINTED FINISH, COLOR TO MATCH EXISTING COLOR.
5. ALL PROPOSED GLAZING TO RECEIVE SAFETY FILM 3M. REFER SPECIFICATIONS.

DOOR TYPE NOTES

1. FRAMES AND DOORS SCHEDULED FOR EXISTING OPENINGS - VERIFY IN FIELD EXISTING OPENING SIZES AND RECORD ON SHOP DRAWINGS.
2. ALL DOORS INDICATED ARE TO BE ADJUSTED TO ELIMINATE RATTLE AND OR PLAY WHEN DOOR IS LATCHED.
3. ALL DOORS ARE TO HAVE STOPS.
4. UNDERCUT DOORS WHERE MARBLE THRESHOLDS ARE CALLED OUT. INSTALL KICK PLATES ON PUSH SIDE OF DOOR (TYP).
5. FIRE RATED DOORS AND FRAMES REQUIRE LABELS.
6. BACKER ROD AND SEALANT SHALL BE PROVIDED AT ALL LOCATIONS WHERE DOOR/WINDOW FRAMES MEET OTHER FINISHES.
7. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SF TO BE FULLY TEMPERED SAFETY GLASS PER CHAPTER 24 OF THE 2025 BCNYS.

ABBREVIATIONS

APPROX.	APPROXIMATE
C.M.U.	CONCRETE MASONRY UNIT
CONC.	CONCRETE
EXIST.	EXISTING
FF/ F.F.	FACTORY FINISH
INT.	INTERIOR
P.T./PT	PAINT
RE-P.T.	REPAINT
SIM	SIMILAR
TBD	TO BE DETERMINED
TYP.	TYPICAL



1 TYPE - 2A
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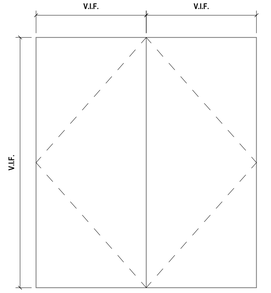

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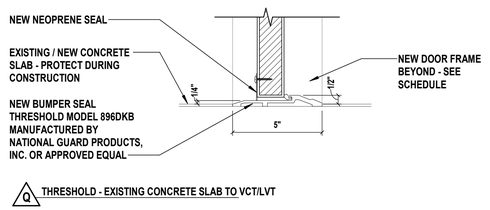
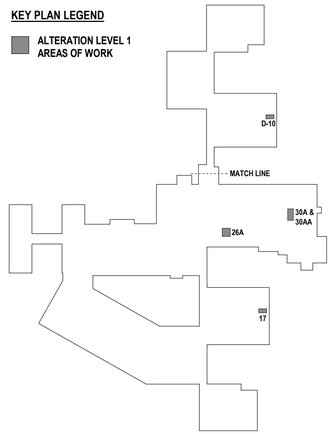


3 DOOR THRESHOLD - EXTERIOR
SCALE: 3" = 1'-0"

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

DOOR SCHEDULE

DRAWING No.

PE-A 620.00

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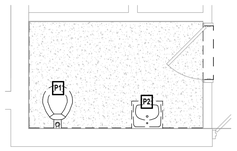

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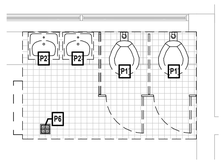

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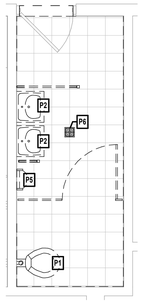

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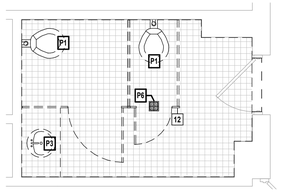

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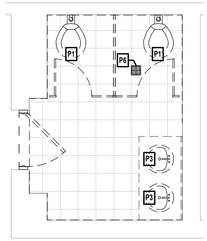

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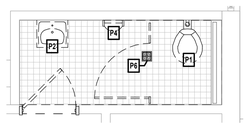

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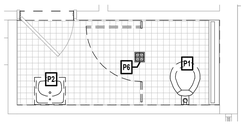

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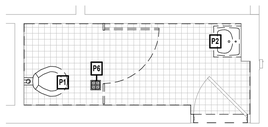

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SCALE: 1/4" = 1'-0"



9 RESTROOM TYPE F2
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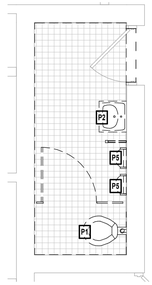
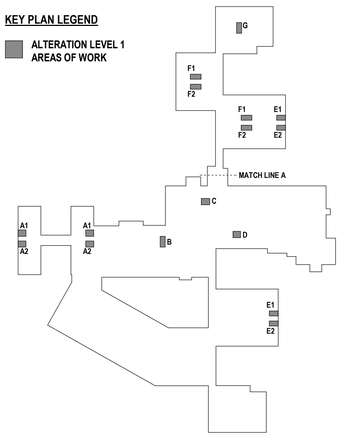


11 RESTROOM TYPE G
SCALE: 1/4" = 1'-0"

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



10 KEY PLAN - AREAS OF WORK
SCALE: 1" = 100'-0"

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES AND FINISHES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
4. CONTRACTORS SITE ACCESS AND BUILDING ENTRY POINT SHALL BE AS PER DRAWING HS-G 000.00 AND VERIFIED BY OWNER. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND ALL OTHER AREAS USED FOR ACCESS TO CONTRACT AREAS FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH & RESTORE ALL SURFACES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES VERIFY ALL ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.
7. THE CONTRACTOR SHALL REVIEW SCOPE OF DEMOLITION WORK WITH OWNER AND COORDINATE WHICH ITEMS WILL BE REMOVED CAREFULLY AND RETURNED TO DISTRICT.
8. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT TO DISCONNECT, REMOVE, AND STORE ALL REMOVABLE EQUIPMENT (INCLUDING CASEWORK, DESKS, CHAIRS, ETC.) TO PERFORM ALL REQUIRED DEMOLITION. UPON COMPLETION, CONTRACTOR SHALL REINSTALL ALL EQUIPMENT AND ENSURE PROPER WORKING CONDITION. CLEAN ALL SURFACES PRIOR TO SUBSTANTIAL COMPLETION.
9. PROTECTING EXISTING CEILING LIGHTING FIXTURES, INCLUDING, BUT NOT LIMITED TO THE FIXTURE, TRIM, SUPPORTS, AND ALL DEVICES USED TO SECURE THE LIGHTING IN PLACE.

DEMOLITION NOTES - CONTRACT P

P1	FLOOR MOUNTED TOILET	REMOVE AND DISPOSE OF EXISTING TOILET.
P2	WALL HUNG SINGLE SINK	REMOVE AND DISPOSE OF EXISTING SINK AND CARRIER ARMS.
P3	VANITY SINK	REMOVE AND DISPOSE OF EXISTING VANITY SINK AND PLUMBING.
P4	WALL HUNG URINAL	REMOVE AND DISPOSE OF EXISTING URINAL.
P5	FLOOR MOUNTED URINAL	REMOVE AND DISPOSE OF EXISTING URINAL.
P6	FLOOR DRAIN COVER	REMOVE AND DISPOSE OF EXISTING FLOOR DRAIN COVER.

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK JONATHAN RICHARD MURATORE LICENSED PROFESSIONAL ENGINEER 096440-1

10/31/2027
JONATHAN R. MURATORE, P.E.
Exp. Date
NY PROFESSIONAL ENGINEER Lic. No. 096440

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
P. ANGELONE	P. ANGELONE	S. MANDIC	-

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT P PLUMBING CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

RESTROOM UPGRADES DEMOLITION PLANS

DRAWING No.

PE-PD 430.00

\\l2m.com\shares\Projects\SI\SMSD (Somers School Distric)\SMSD2505 (PES Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\12 Plumbing\Bathroom Upgrades\SMSD2505_Bathroom Upgrades_P.rvt
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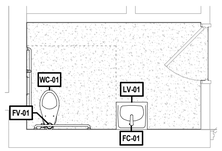

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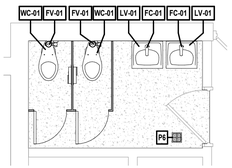

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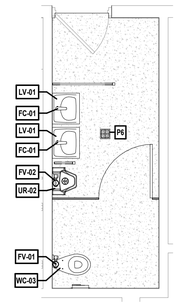

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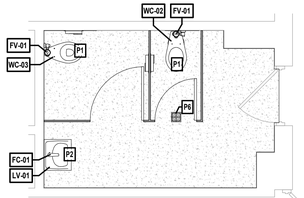

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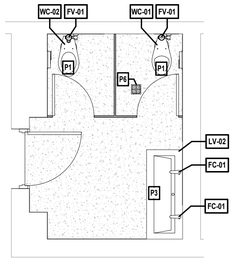

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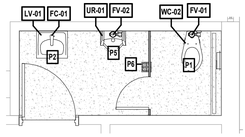
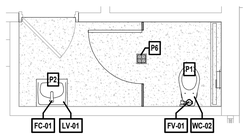


6 RESTROOM TYPE E1
SCALE: 1/4" = 1'-0"



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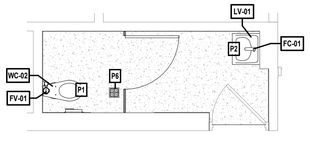

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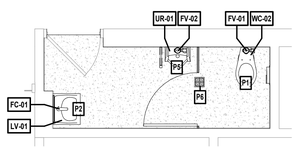

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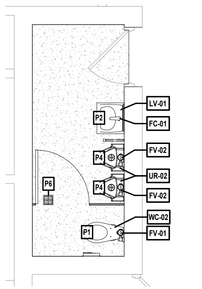


11 RESTROOM TYPE G
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE

FIXTURE NO.	NAME	BRAND	MODEL #	QUANTITY	ADA
FC-01	FAUCET	Sloan Valve	EAF-150	13	
FV-01	FLUSHOMETER - TOILET	Sloan Valve	G2-8111	13	
FV-02	FLUSHOMETER - URINAL	Sloan Valve	G2-8186	5	
LV-01	LAVAOTRY SINGLE WALL HUNG	Sloan Valve	SS-3103	11	Yes
LV-02	LAVATORY DOUBLE WALL HUNG	Sloan Valve	ELRF-82000	1	Yes
UR-01	URINAL WALL HUNG	SLOAN VALVE	SU-1009	2	Yes
UR-02	URINAL FLOOR MOUNTED	KOHLER CO.	K-25039-T	3	Yes
WC-01	TOILET FLOOR MOUNTED (JUNIOR)	SLOAN	ST-2309	4	Yes
WC-02	TOILET FLOOR MOUNTED (JUVENILE)	SLOAN	ST-2449	7	Yes
WC-03	TOILET FLOOR MOUNTED (ADA)	Sloan Valve	ST-2029	2	Yes

GENERAL CONSTRUCTION NOTES

1. TOILET ROOM DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKEOFFS AND FABRICATION OF MATERIALS.
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. PLUMBING CONTRACTOR SHALL ADJUST LOCATIONS OF WATER SUPPLIES AND WASTE AS REQUIRED FOR NEW FIXTURES.
4. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
5. CONTRACTOR SHALL INSTALL WALL TILES SO THAT THEY ARE VERTICALLY PLUMB WITHIN 1/8" FROM THE FACE OF THE BASE TILE TO THE FACE OF THE UPPERMOST TILE.
6. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
7. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
8. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE SET-OUT POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE WITH A MINIMUM DIMENSION OF FOUR (4) INCHES IN ANY DIRECTION.
9. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER & ARCHITECT

PLUMBING FIXTURE SCHEDULE

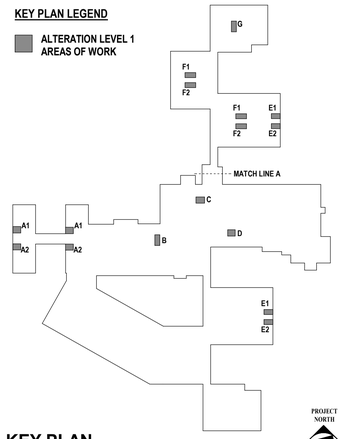
FIXTURE TAG	DESCRIPTION	MINIMUM CONNECTION SIZES							SPECIFICATION	REMARKS
			COLD WATER		HOT WATER		DRAIN		VENT		
		MAX FLOW	SIZE	WFU	SIZE	WFU	SIZE	DFU		
LV-01	LAVATORY - WALL MOUNT - ADA COMPLIANT - CENTER HOLE - SENSOR FAUCET	0.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: VITREOUS CHINA DROP-IN, SELF-RIMMING, SINGLE HOLE., ASME A112.19.2, FRONT OVERFLOW. FAUCET: DECK MOUNTED, ADA COMPLIANT, INTEGRATED SIDE MIXER, VANDAL RESISTANT, CHROME, GRID STRAINER, WITH 0.5 GPM AERATOR. COMPLIES WITH ASME A112.18.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP. PROVIDE CARRIER SUPPORT WATTS WCA-411 OR APPROVED EQUAL. HOT WATER SHALL NOT EXCEED 105°F. INSULATE ALL EXPOSED DRAIN AND SUPPLY PIPING WITH TRUBRO LAVGUARD FOR HC FIXTURES.
LV-02	LAVATORY - DOUBLE WALL MOUNT - ADA COMPLIANT - SENSOR FAUCET	0.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	DOUBLE SINK: WALL MOUNTED, SLOANSTONE SOLID SURFACE, ROUND FRONT, ADA COMPLIANT. FAUCET: DECK MOUNTED, ADA COMPLIANT, INTEGRATED SIDE MIXER, VANDAL RESISTANT, CHROME, GRID STRAINER, WITH 0.5 GPM AERATOR. COMPLIES WITH ASME A112.18.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP. PROVIDE CARRIER SUPPORT WATTS WCA-411 OR APPROVED EQUAL. HOT WATER SHALL NOT EXCEED 105°F. INSULATE ALL EXPOSED DRAIN AND SUPPLY PIPING WITH TRUBRO LAVGUARD FOR HC FIXTURES.
WC-01	WATER CLOSET - FLOOR MOUNTED - TOP SPUD - JUNIOR	1.28 GPF	1"	10	---	---	3"	4	1-1/2"	TOILET: VITREOUS CHINA, FLOOR MOUNTED, JUNIOR HEIGHT (10.75"), ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 1580CT OR APPROVED EQUAL. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	
WC-02	WATER CLOSET - FLOOR MOUNTED - TOP SPUD - JUVENILE	1.28 GPF	1"	10	---	---	3"	4	1-1/2"	TOILET: VITREOUS CHINA, FLOOR MOUNTED, JUVENILE HEIGHT (13.5"), ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE...	
WC-03	WATER CLOSET - FLOOR MOUNTED - TOP SPUD - ADA	1.28 GPF	1"	10	---	---	3"	4	1-1/2"	TOILET: VITREOUS CHINA, FLOOR MOUNTED, ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	
UR-01	URINAL - WALL MOUNTED - ADA COMPLIANT - TOP SPUD	0.125 GPF	3/4"	5	---	---	2"	4	2"	URINAL: VITREOUS CHINA, ADA HEIGHT, WALL MOUNTED, ASME A112.19.2. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	PROVIDE CARRIER SUPPORT WATTS CA-311 OR APPROVED EQUAL.
UR-02	URINAL - FLOOR MOUNTED - ADA COMPLIANT - TOP SPUD	0.125 GPF	3/4"	5	---	---	2"	4	2"	URINAL: VITREOUS CHINA, FLOOR MOUNTED, ASME A112.19.2. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	

CONSTRUCTION NOTES - CONTRACT P

P1	FLOOR MOUNTED TOILET	PROVIDE NEW FLOOR MOUNTED TOILET WITH FLUSH SENSOR. INSTALL 1-INCH COLD WATER, 3-INCH SANITARY, AND 2-INCH VENT TO TOILET WITH WAX SEAL AND SEALANT.
P2	WALL HUNG SINK	PROVIDE NEW SINGLE LAVATORY WITH FAUCET AND SOAP DISPENSER. INSTALL 1/2-INCH COLD AND HOT WATER TO FAUCET WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 1-1/2-INCH SANITARY AND VENT TO SINK. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105 DEGREE F. PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE SPECIFICATIONS.
P3	WALL HUNG SINK (DOUBLE)	PROVIDE DOUBLE LAVATORY WITH FAUCET AND SOAP DISPENSER. INSTALL 1/2-INCH COLD AND HOT WATER TO FAUCET WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 1-1/2-INCH SANITARY AND VENT TO SINK. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105 DEGREE F. PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE SPECIFICATIONS.
P4	FLOOR MOUNTED URINAL	PROVIDE NEW FLOOR MOUNTED URINAL. INSTALL 3/4-INCH COLD WATER, 2-INCH SANITARY AND 1-1/2-INCH VENT TO URINAL. INSTALL AS PER THE SPECIFICATIONS.
P5	WALL MOUNTED URINAL	PROVIDE NEW WALL MOUNTED URINAL. INSTALL 3/4-INCH COLD WATER, 2-INCH SANITARY AND 1-1/2-INCH VENT TO URINAL. FOR WALL MOUNTED FIXTURE, PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE SPECIFICATIONS.
P6	FLOOR DRAIN COVER	PROVIDE NEW FLOOR DRAIN COVER.

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



10 KEY PLAN
SCALE: 1" = 100'-0"

H 2 M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JONATHAN RICHARD MURATORE · LICENSED PROFESSIONAL ENGINEER · 096440-1

10/31/2027
JONATHAN R. MURATORE, P.E. Exp. Date
NY PROFESSIONAL ENGINEER/Lic. No. 096440

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
P. ANGELONE	P. ANGELONE	S. MANDIC	-

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT P PLUMBING CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

RESTROOM UPGRADES PROPOSED PLANS

DRAWING No.

PE-P 430.00

I:\2m.com\others\Projects\SSMSD (Somers School District)\SMSD2505 (PES Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\12 Plumbing\Bathroom Upgrades\SMSD2505_BathroomUpgrades_P.rvt
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ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BCU	BUILDING CONTROL UNIT
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COMM.	COMMUNICATION
CV	CONTROL VALVE
(D)	DEMOLISH
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEG. F	DEGREES FAHRENHEIT
DIA	DIAMETER
DX	DIRECT EXPANSION
'E' / EC	ELECTRICAL CONTRACTOR
(E)	EXISTING
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FT. H20	FEET OF WATER
'G' / GC	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
H	HEIGHT
HP	HORSEPOWER
IN.	INCHES
IN. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LCD	LIQUID CRYSTAL DISPLAY
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M	METER
'M' / MC	MECHANICAL CONTRACTOR
MAX	MAXIMUM
MBH	1,000 BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MNF	MANUFACTURER
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OAI	OUTDOOR AIR INTAKE
OD	OUTER DIAMETER
OED	OPEN ENDED DUCT
(P)	PROPOSED / NEW
'P' / PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PSIG	LBS / SQUARE INCH (GAUGE PRESSURE)
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL ENERGY EFFICIENCY RATING
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WAC	WINDOW AIR CONDITIONER
WB	WET BULB
WMS	WIRE MESH SCREEN

DUCTWORK LEGEND

SYMBOL	ABBREV	DESCRIPTION
		NEW DUCTWORK WITH 45 DEGREE TAKE OFF
	VD	VOLUME DAMPER
	CD	ROUND SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	SIDEWALL SUPPLY, RETURN OR EXHAUST
	SEE AIR DEVICE SCHEDULE	SQUARE SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	CEILING RETURN OR EXHAUST GRILLE
		FLEX DUCT
	FC	FLEXIBLE CONNECTION
		TURNING VANES
		RECTANGULAR TO ROUND TRANSITION
	AL	ACOUSTICAL LINING
		END CAP
	SEE AIR DEVICE SCHEDULE	SUPPLY DIFFUSER WITH DIRECTIONAL FLOW (SOLID HATCH INDICATES BLANK OFF PANEL)
		SUPPLY DUCT DROP
		RETURN/EXHAUST DUCT DROP
		SUPPLY DUCT RISE
		RETURN/EXHAUST DUCT RISE
DSD	DSD	DUCT SMOKE DETECTOR
M	MD	MOTORIZED DAMPER WITH ACTUATOR
OR	AD	ACCESS DOOR
	FD/AD	FIRE DAMPER WITH ACCESS DOOR
	FD/AD	FIRE DAMPER AT FLOOR PENETRATION WITH ACCESS DOOR
	FSD/AD	FIRE SMOKE DAMPER WITH ACCESS DOOR
		WORK TO BE REMOVED
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING

PIPING LEGEND

SYMBOL	ABBREV	DESCRIPTION
		NEW WORK
		WORK TO BE REMOVED
		PIPING DOWN/ PIPING UP
		BALL VALVE WITH HOSE END CONNECTION
	TH	THERMOMETER
	U	UNION
	FPC	FLEXIBLE PIPE CONNECTION/ FLEX PIPE
		DIRECTION OF FLOW
	PSR	PRESSURE SAFETY AND RELIEF VALVE
	PRV	PRESSURE REDUCING VALVE
	BV	BALL VALVE
	BA	BALANCING VALVE
	BFV	BUTTERFLY VALVE
		TEMPERATURE SENSOR WITH THERMOWELL
	GA	GATE VALVE
	GB	GLOBE VALVE
	AV	AUTOMATIC AIR VENT
	CV	2-WAY ELECTRONIC CONTROL VALVE
	CV	3-WAY ELECTRONIC CONTROL VALVE
	CV	2-WAY PNEUMATIC CONTROL VALVE
	CV	3-WAY PNEUMATIC CONTROL VALVE
		PLUG VALVE
	STR	STRAINER
	STR	STRAINER WITH BLOW OFF VALVE WITH HOSE END CONNECTION
	FD	FLOOR DRAIN
S		AIR SEPARATOR
F&T		STEAM TRAPS (INDICATE TYPE)
	CH	CHECK VALVE
	PG	PRESSURE GAUGE WITH GAUGE COCK
	RED	REDUCER
CO.	CO	CLEANOUT END CAP
		PIPE GUIDE
		PIPE ANCHOR
		CAPPED PIPE
		PUMP
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING
	TDV	TRIPLE DUTY VALVE

CONTROLS LEGEND

SYMBOL	DESCRIPTION
C	CARBON MONOXIDE SENSOR
T	THERMOSTAT
S	DIGITAL TEMPERATURE SENSOR
H	HUMIDITY SENSOR
P	PRESSURE SENSOR
C2	CARBON DIOXIDE SENSOR

GENERAL NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
3. PERFORM ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE, FIRE CODE, MECHANICAL CODE, ENERGY CONSERVATION CODE, AND FUEL GAS CODE OF NEW YORK STATE AND REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
4. COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
5. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, DUCTWORK, CONDUIT, ETC. PROVIDE FIRE DAMPERS AND ACCESS DOORS IN ALL OPENINGS IN FIRE RATED FLOORS, PARTITIONS, AND WALLS FOR DUCTWORK AS PER THE MECHANICAL CODE OF NEW YORK STATE. (SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED CONSTRUCTION.)
6. DO NOT SCALE DRAWINGS. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS, PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S REQUIREMENTS TO PROVIDE PROPER CLEARANCE FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTOR'S FABRICATED ITEMS SHALL ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
7. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS OR WALKING AREAS.
8. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
9. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
10. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
11. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
12. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING AND DUCT TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
13. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
14. COORDINATE INSTALLATION OF SUPPLY AND RETURN GRILLES WITH INSTALLATION OF FINISHED CEILINGS.
15. COMPLETE ALL PRESSURE TESTS BEFORE ANY MECHANICAL EQUIPMENT, DUCTWORK, OR PIPING INSULATION IS APPLIED.
16. TESTING, ADJUSTING, AND BALANCING AGENCY SHALL BE A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). PERFORM ALL TESTING, ADJUSTING, AND BALANCING IN ACCORDANCE WITH THE SPECIFICATIONS.
17. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE FORGED OR CAST BEAM CLAMPS; THE USE OF ROLLED STEEL C-CLAMPS IS NOT PERMITTED. REFER TO SPECIFICATION SECTION 230529 FOR ADDITIONAL INFORMATION.
18. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS, AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIR STREAM. PROVIDE TRAP AT CONNECTION, WATER SEAL DEPTH 1 INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY ARCHITECT/ENGINEER.
19. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

WORK IN EXISTING AREAS

1. EXISTING CONDITIONS, INCLUDING EQUIPMENT, DUCT AND PIPE SIZES AND LOCATIONS, INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
2. CUT AND ROUGH PATCH EXISTING CONSTRUCTION AS REQUIRED FOR THE PERFORMANCE OF THE WORK. FINISH PATCHING AND FLASHING REQUIREMENTS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. PERFORM ALL CUTTING AND PATCHING WORK IN A MANNER SUCH THAT EXISTING WARRANTEES/GUARANTEES ARE NOT VOIDED, USE QUALIFIED PERSONNEL IN PERFORMANCE OF WORK.

CONTRACT 'M' SCOPE NOTES

1. FURNISH ALL LOUVERS FOR INSTALLATION BY CONTRACT 'G'. SUBMIT LOUVER COLOR AND CONFIGURATION TO THE ARCHITECT/ENGINEER FOR APPROVAL.
2. FURNISH AND INSTALL ALL NECESSARY CONTROL WIRING, CONDUIT, AND ACCESSORIES AS REQUIRED TO PROVIDE FULLY FUNCTIONING SYSTEMS AND SEQUENCES OF OPERATION.
3. FURNISH ALL LINTELS FOR DUCT AND PIPE PENETRATIONS IN INTERIOR MASONRY WALLS FOR INSTALLATION BY CONTRACT 'G'.
4. FURNISH ALL SLEEVES FOR PIPE AND CONDUIT FLOOR, WALL, PARTITION, AND ROOF PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
5. FURNISH ALL CURBS FOR ALL ROOF MOUNTED EQUIPMENT AND DUCT PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
6. REMOVE CHASE ENCLOSURE COVER WHEN PERFORMING WORK IN ANY CHASE, AND REINSTALL THE CHASE ENCLOSURE COVER WHEN WORK IS COMPLETE.
7. PERFORM ALL CUTTING AND PATCHING AS REQUIRED IN THE EXECUTION OF THE WORK. FINISH PATCHING AND FLASHING IS PART OF CONTRACT 'G'

LEGENDS/ABBREVIATIONS NOTES

1. ABBREVIATIONS AND SYMBOLS ON THIS SHEET DO NOT DEFINE THE SCOPE OF WORK.

EXISTING SYSTEM PRE-MODIFICATION/DEMOLITION TESTING

1. OBTAIN THE SERVICES OF A TESTING AND BALANCING COMPANY TO PERFORM OPERATIONAL TESTS PRIOR TO THE MODIFICATION / DEMOLITION OF THE EXISTING AIR SYSTEM(S). SUBMIT REPORT TO ENGINEER FOR REVIEW/RECORD PURPOSES WITH FINDINGS INCLUDING, BUT NOT LIMITED TO, EXISTING FAN CURVES, PRESSURE READINGS, AIRFLOW MEASUREMENTS, ENTERING AIR TEMPERATURE, LEAVING AIR TEMPERATURE, EQUIPMENT/MOTOR NAMEPLATE DATA, ETC.
2. OBTAIN THE SERVICES OF A TESTING AND BALANCING COMPANY TO PERFORM OPERATIONAL TESTS PRIOR TO THE MODIFICATION / DEMOLITION OF THE EXISTING HYDRONIC SYSTEM(S). SUBMIT REPORT TO ENGINEER FOR REVIEW/RECORD PURPOSES WITH FINDINGS INCLUDING, BUT NOT LIMITED TO, EXISTING PUMP CURVES, PRESSURE READINGS, HYDRONIC FLOW MEASUREMENTS, ENTERING WATER TEMPERATURE, LEAVING WATER TEMPERATURE, EQUIPMENT/MOTOR NAMEPLATE DATA, ETC.
3. VERIFY EXISTING EQUIPMENT CALLED TO BE REPLACED 'IN-KIND' IS OPERATIONAL (HAS POWER AND RESPONDS TO EXISTING CONTROLS) PRIOR TO PERFORMING ANY DISCONNECTIONS OR REMOVALS. REPORT ANY DEFICIENCIES IN EXISTING SERVICES OR CONTROLS EXPECTED TO BE RE-USED FOR THE 'IN-KIND' REPLACEMENT TO ENGINEER IN WRITING PRIOR TO REMOVALS. CONTRACTOR IS RESPONSIBLE TO CORRECT ANY DEFICIENCIES NOT REPORTED PRIOR TO DEMOLITION TO PROVIDE A FULLY OPERATIONAL EQUIPMENT REPLACEMENT.

SYSTEM COMMISSIONING NOTES (NYS)

1. COMMISSION ALL NEW BUILDING MECHANICAL SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2025 NEW YORK STATE (NYS) ENERGY CONSERVATION CONSTRUCTION CODE (ECCC) SECTION C408. COMMISSIONING SHALL BE PERFORMED BY AN APPROVED THIRD-PARTY COMMISSIONING AGENCY HIRED BY THE ASSIGNED CONSTRUCTION MANAGER / CONTRACTOR. REFER TO SPECIFICATION SECTIONS 019113 - GENERAL COMMISSIONING REQUIREMENTS AND 230800 - COMMISSIONING OF MECHANICAL SYSTEMS FOR MORE INFORMATION.
2. PROVIDE DRAWINGS, OPERATION & MAINTENANCE (O&M) MANUALS, AND SYSTEM BALANCING REPORTS TO BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 90 DAYS OF THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY OR LETTER OF COMPLETION IN ACCORDANCE WITH THE 2025 NYS ECCC SECTION C408.2.5.
3. COMMISSIONING AGENT SHALL PROVIDE FINAL COMMISSIONING REPORT TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 90 DAYS OF THE RECEIPT OF THE CERTIFICATE OF OCCUPANCY OR LETTER OF COMPLETION IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2025 NYS ECCC SECTION C408.2.5.4.

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028 Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL GENERAL NOTES, LEGENDS, AND ABBREVIATIONS

DRAWING No.

PE-M 001.00

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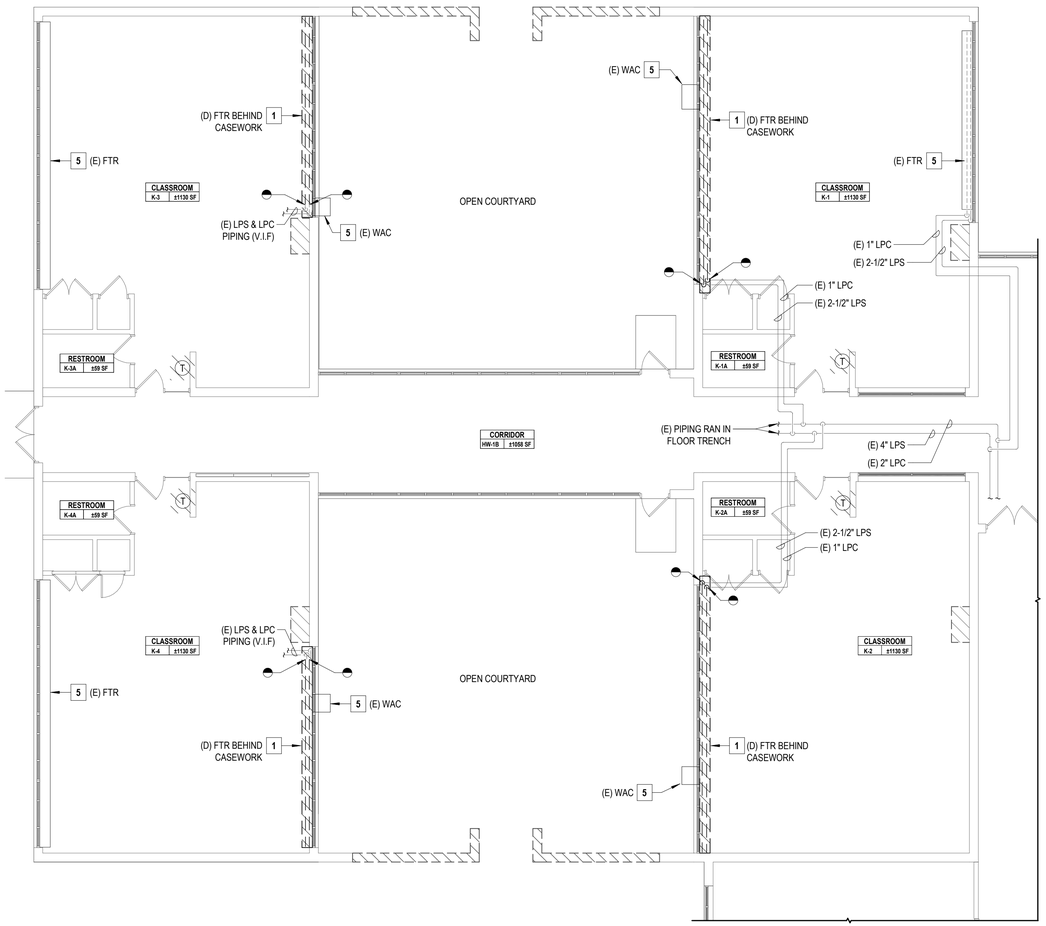
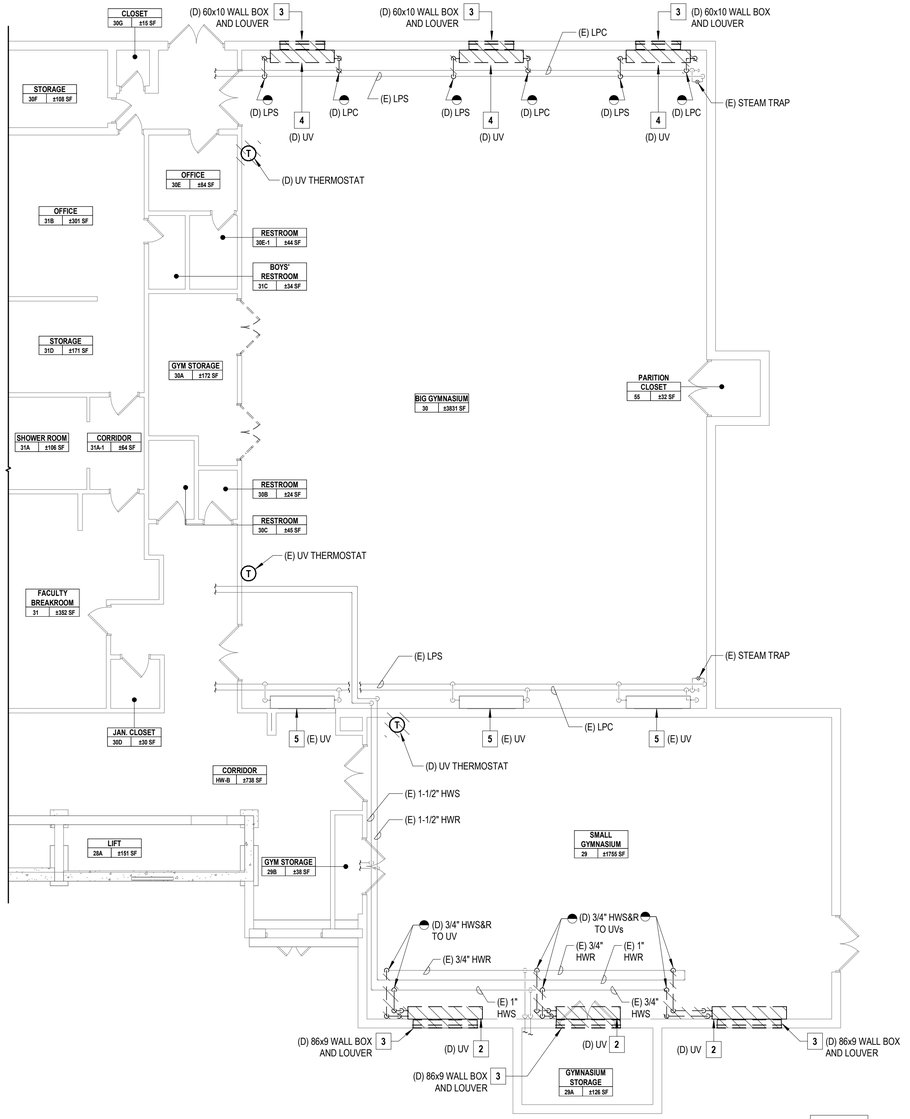


1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M1'

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



2 MECHANICAL BASEMENT DEMOLITION PLAN - PART 'A-M2'

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

GENERAL NOTES

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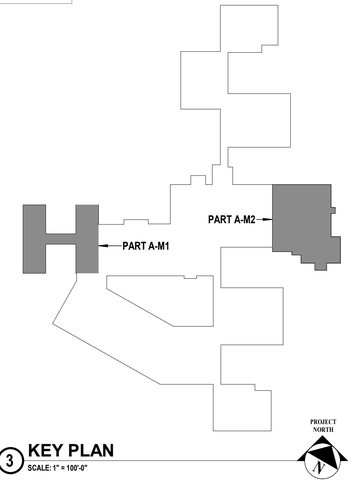
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING STEAM FINNED-TUBE RADIATOR, CONTROL VALVE, RADIATOR ENCLOSURE, WALL BRACKETS, AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED STEAM AND CONDENSATE RETURN PIPING BACK TO POINT INDICATED ON THE DRAWING OR THE ASSOCIATED PIPING MAINS. FOR PIPING NOT SHOWN, THE CONTRACTOR SHALL FIELD VERIFY THE ROUTING OF THE EXISTING PIPING BACK TO THE NEAREST PIPING MAINS. TEMPORARILY CAP PIPING AT THE POINT INDICATED OR AT THE PIPING MAINS. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER UNIT VENTILATOR SERVING THE SMALL GYMNASIUM. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, PIPING INSULATION, AND RELATED APPURTENANCES BACK TO THE POINT INDICATED ON THE DRAWING. TEMPORARILY CAP PIPING. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
3. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE WALL BOX AND OUTSIDE AIR INTAKE LOUVER ASSOCIATED WITH THE INDICATED UNIT VENTILATOR. TEMPORARILY SEAL OPENINGS IN WALL TO MAKE WEATHERTIGHT UNTIL NEW LOUVERS ARE INSTALLED DURING THE NEW WORK PHASE.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING STEAM UNIT VENTILATOR SERVING THE BIG GYMNASIUM. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED STEAM AND CONDENSATE RETURN PIPING, PIPING INSULATION, AND RELATED APPURTENANCES BACK TO THE POINT INDICATED ON THE DRAWING. TEMPORARILY CAP PIPING. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED EQUIPMENT HANGERS AND SUPPORTS. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
5. EXISTING TO REMAIN.



3 KEY PLAN

SCALE: 1" = 100'-0"

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CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

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SHEET TITLE

MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M1' & PART 'A-M2'

DRAWING No.

PE-MD 110.00

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MECHANICAL DEMOLITION KEYNOTES

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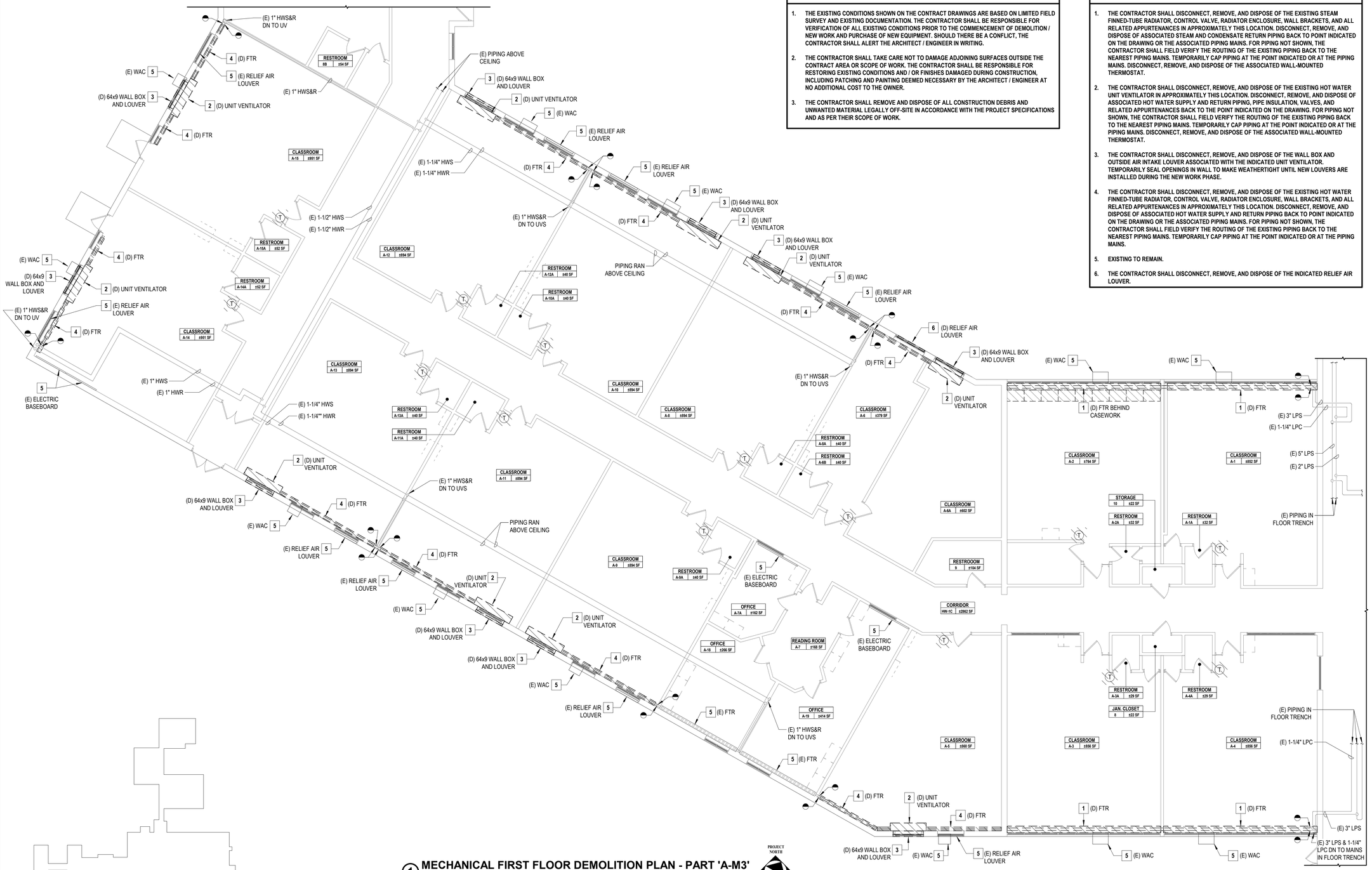
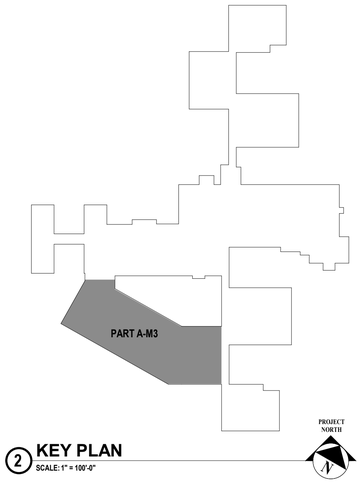
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER FINNED-TUBE RADIATOR, CONTROL VALVE, RADIATOR ENCLOSURE, WALL BRACKETS, AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING BACK TO POINT INDICATED ON THE DRAWING OR THE ASSOCIATED PIPING MAINS. FOR PIPING NOT SHOWN, THE CONTRACTOR SHALL FIELD VERIFY THE ROUTING OF THE EXISTING PIPING BACK TO THE NEAREST PIPING MAINS. TEMPORARILY CAP PIPING AT THE POINT INDICATED OR AT THE PIPING MAINS.
5. EXISTING TO REMAIN.
6. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE INDICATED RELIEF AIR LOUVER.



1 **MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M3'**
SCALE: 1/8" = 1'-0"



2 **KEY PLAN**
SCALE: 1" = 100'-0"

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

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LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M3'

DRAWING No.

PE-MD 111.00

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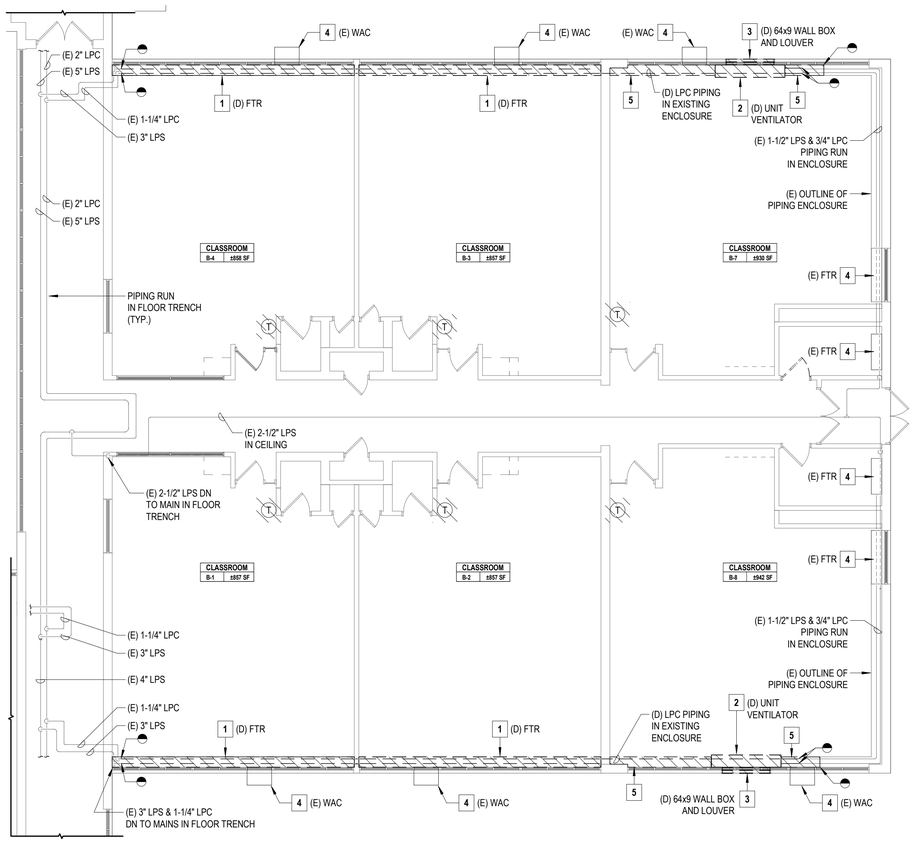
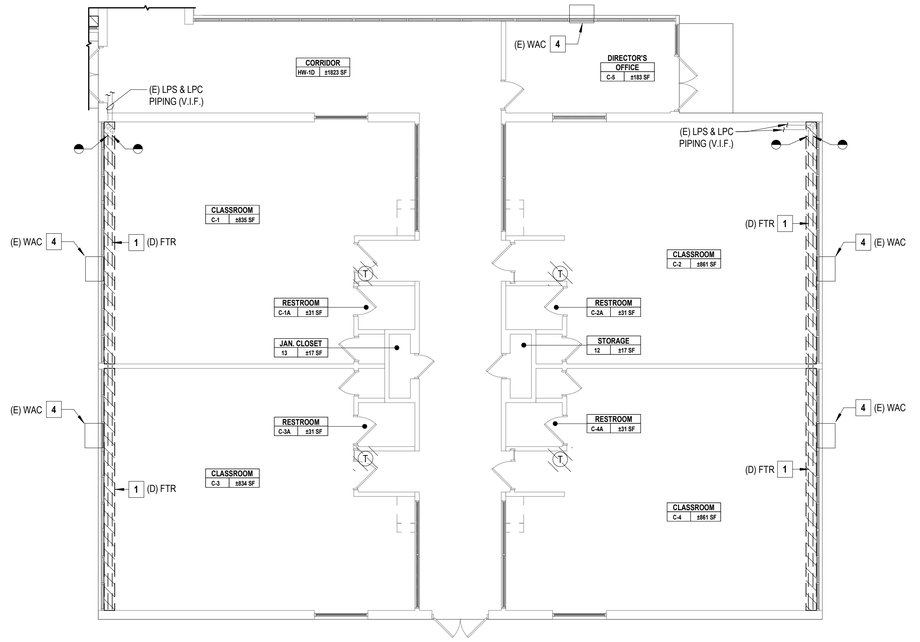


1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M4'

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

PROJECT NORTH



2 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M5'

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

PROJECT NORTH

GENERAL NOTES

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2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING STEAM UNIT VENTILATOR IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED STEAM AND CONDENSATE RETURN PIPING, PIPE INSULATION, AND RELATED APPURTENANCES BACK TO THE POINT INDICATED ON THE DRAWING. TEMPORARILY CAP PIPING. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
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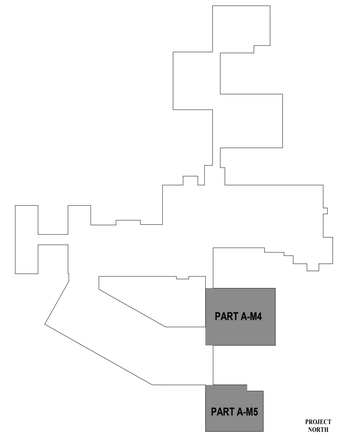
4. EXISTING TO REMAIN.
5. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING WALL-MOUNTED PIPING ENCLOSURE, SUPPORTS, WALL BRACKETS, AND RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION. DEMOLISH THE ENCLOSURE AS REQUIRED TO ALLOW FOR THE DISCONNECTION OF EXISTING STEAM AND CONDENSATE RETURN PIPING.



3 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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CONTRACT

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MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'A-M4' & PART 'A-'M5'

DRAWING No.

PE-MD 112.00

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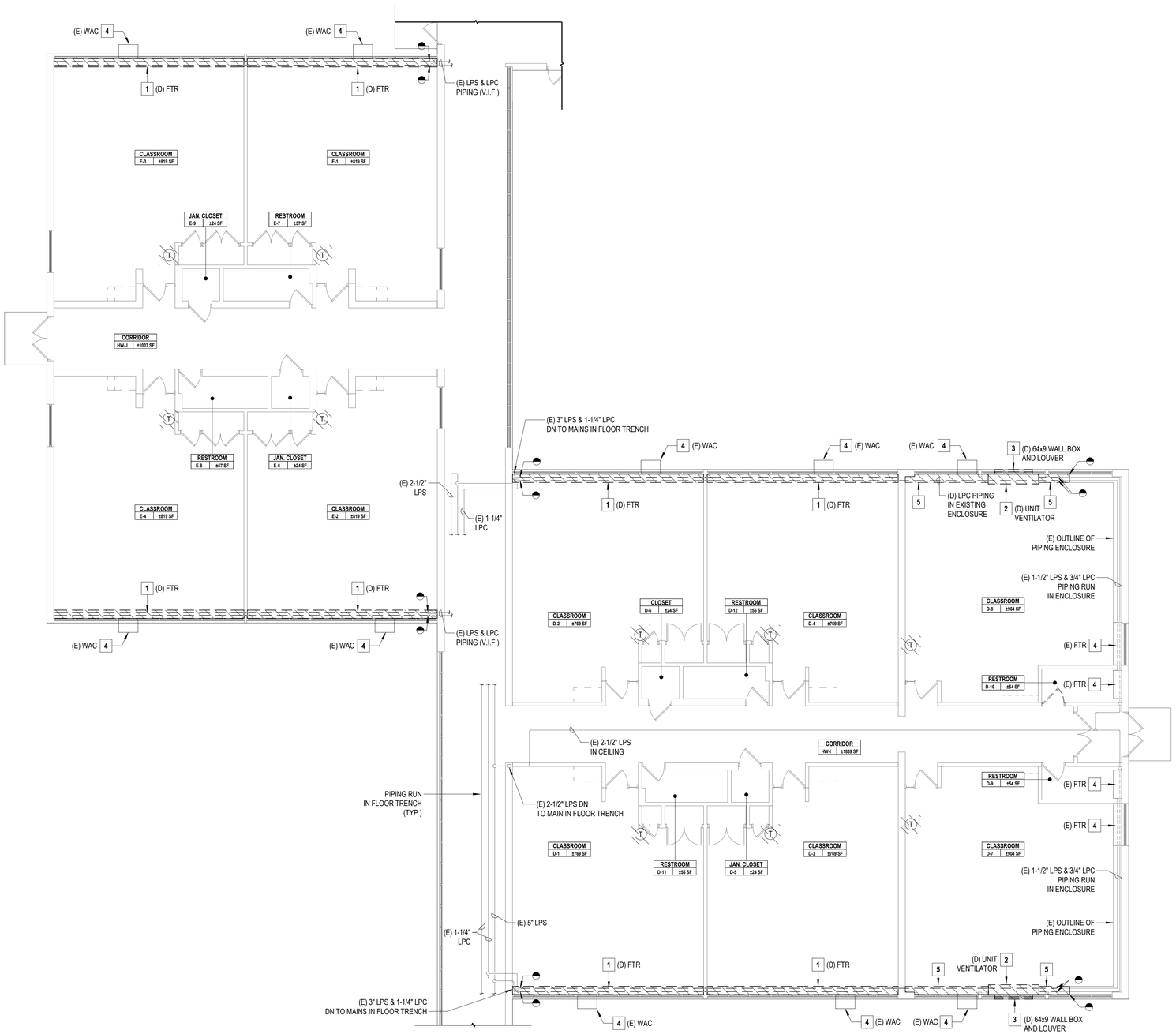

1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'B-M1'

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

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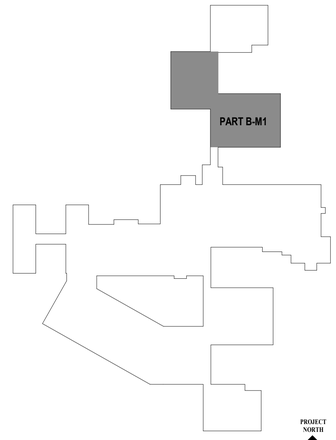

2 KEY PLAN

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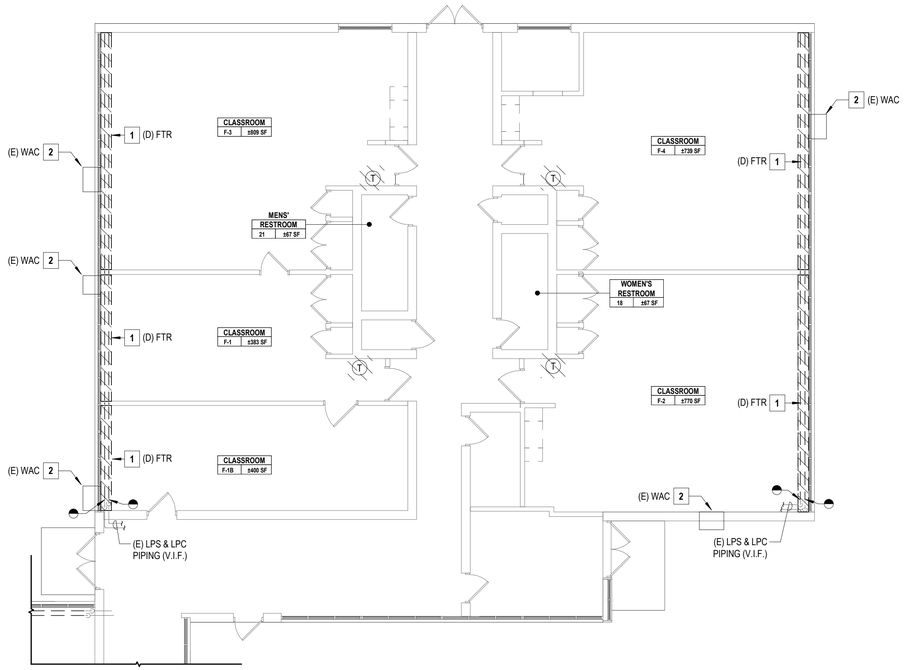
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

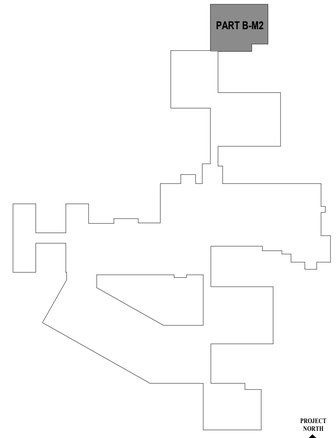
X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING STEAM FINNED-TUBE RADIATOR, CONTROL VALVE, RADIATOR ENCLOSURE, WALL BRACKETS, AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED STEAM AND CONDENSATE RETURN PIPING BACK TO POINT INDICATED ON THE DRAWING OR THE ASSOCIATED PIPING MAINS. FOR PIPING NOT SHOWN, THE CONTRACTOR SHALL FIELD VERIFY THE ROUTING OF THE EXISTING PIPING BACK TO THE NEAREST PIPING MAINS. TEMPORARILY CAP PIPING AT THE POINT INDICATED OR AT THE PIPING MAINS. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
2. EXISTING TO REMAIN.



1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'B-M2'
SCALE: 1/8" = 1'-0"

PROJECT NORTH



2 KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · 057554-1 · LICENSED PROFESSIONAL ENGINEER

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR DEMOLITION PLAN - PART 'B-M2'

DRAWING No.

PE-MD 114.00

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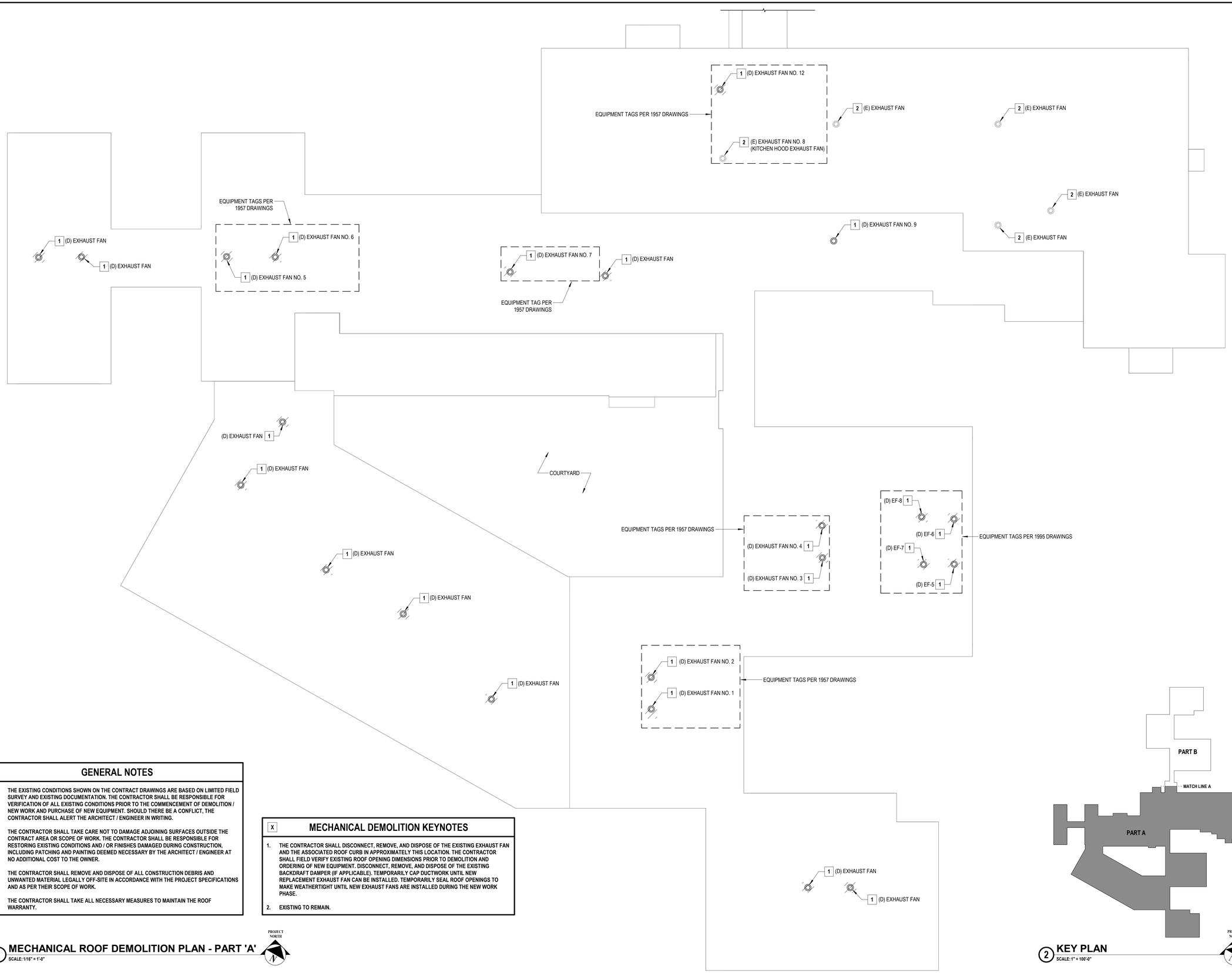

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4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING EXHAUST FAN AND THE ASSOCIATED ROOF CURB IN APPROXIMATELY THIS LOCATION. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ROOF OPENING DIMENSIONS PRIOR TO DEMOLITION AND ORDERING OF NEW EQUIPMENT. DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING BACKDRAFT DAMPER (IF APPLICABLE). TEMPORARILY CAP DUCTWORK UNTIL NEW REPLACEMENT EXHAUST FAN CAN BE INSTALLED. TEMPORARILY SEAL ROOF OPENINGS TO MAKE WEATHERTIGHT UNTIL NEW EXHAUST FANS ARE INSTALLED DURING THE NEW WORK PHASE.
2. EXISTING TO REMAIN.

1 MECHANICAL ROOF DEMOLITION PLAN - PART 'A'

SCALE: 1/16" = 1'-0"

PROJECT NORTH

2 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL ROOF DEMOLITION PLAN - PART 'A'

DRAWING No.

PE-MD 115.00

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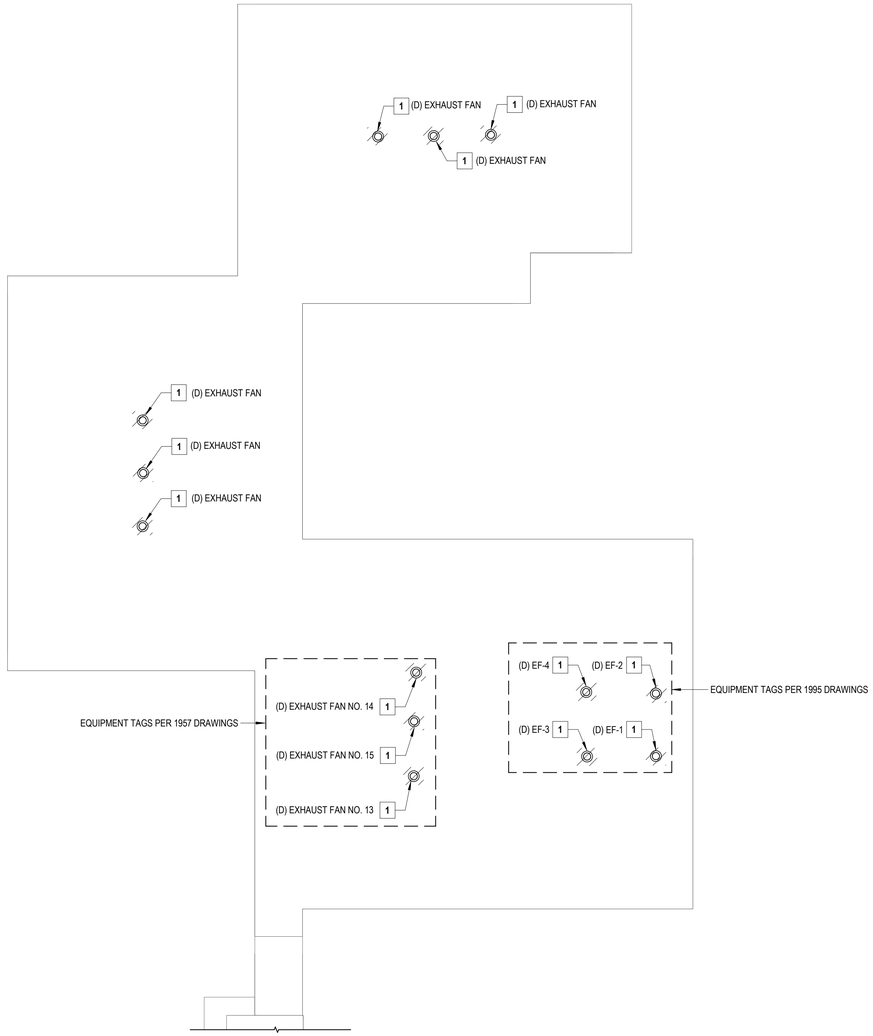

1 MECHANICAL ROOF DEMOLITION PLAN - PART 'B'

SCALE: 1/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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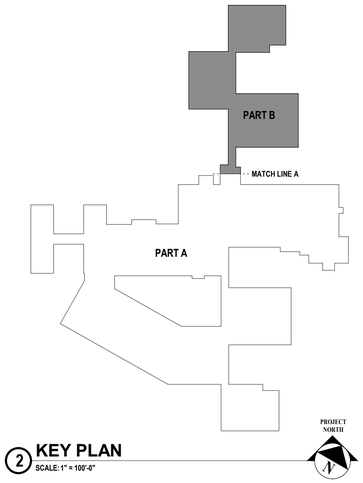

2 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL ROOF DEMOLITION PLAN - PART 'B'

DRAWING No.

PE-MD 116.00

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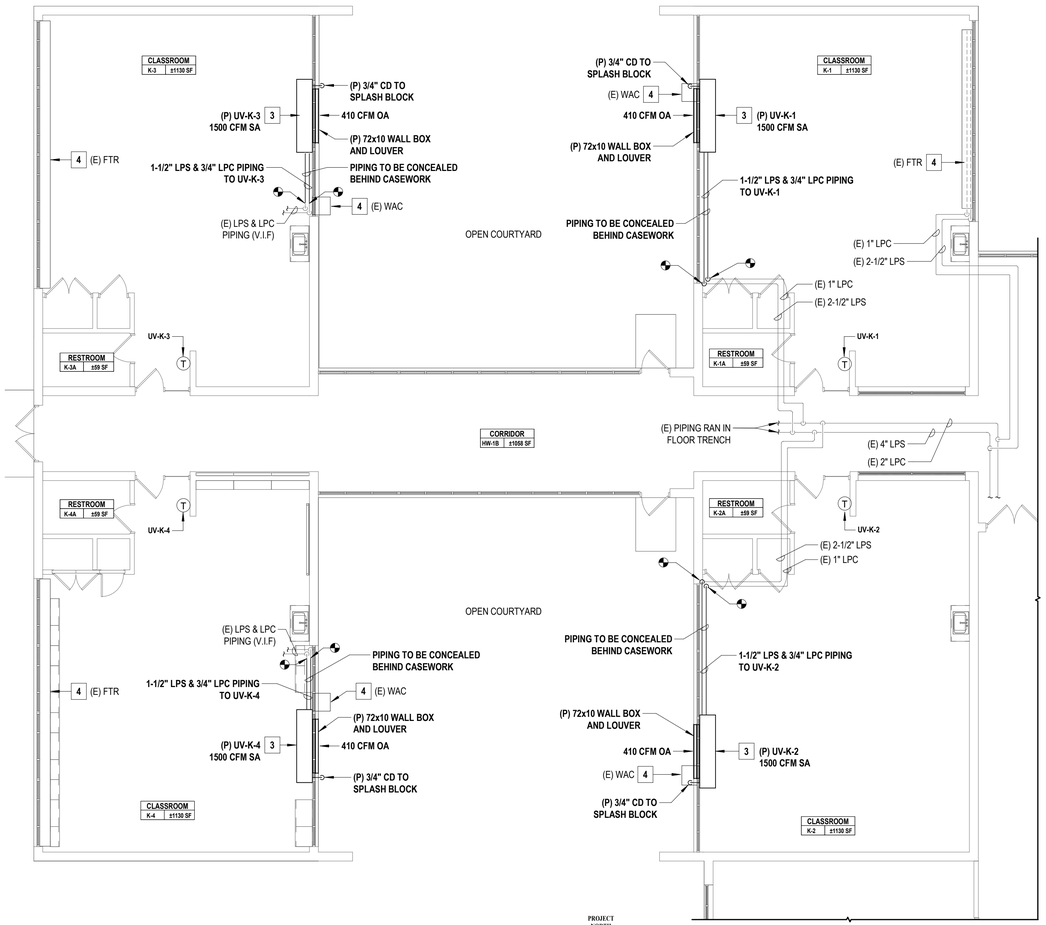
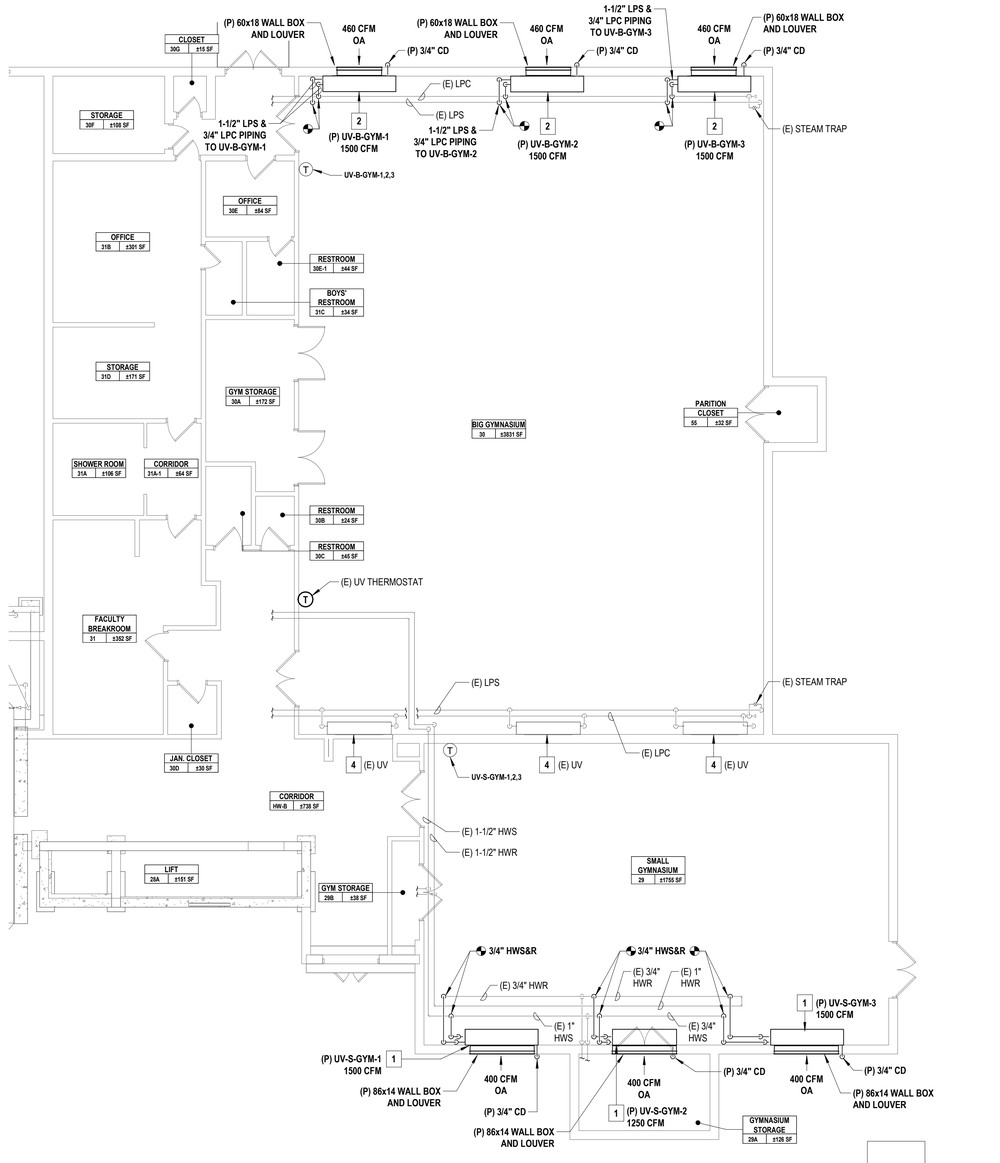


1 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M1'

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

PROJECT NORTH



2 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M2'

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

PROJECT NORTH

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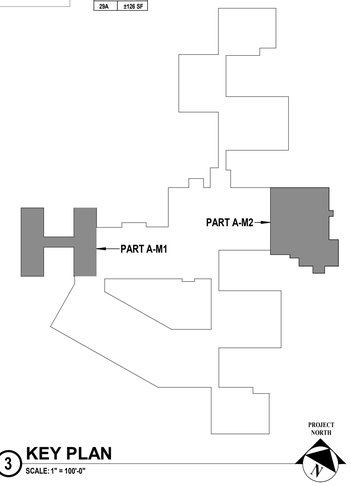
5. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.
6. FOR ALL NEW CONDENSATE DRAIN PIPING CONNECTIONS TO NEW UNIT VENTILATORS, THE INTENTION IS TO INSTALL PIPING TO EXTEND APPROXIMATELY 6" FROM THE EXTERIOR WALL, AND TERMINATE WITH A 90-DEGREE ELBOW FACING DOWNWARD. PIPING TO BE CAPPED AS COOLING COILS ARE TO BE CONNECTED AS PART OF A FUTURE PROJECT.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER UNIT VENTILATOR IN THE SMALL GYMNASIUM WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATOR TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENTS. PROVIDE ONE REMOTE, WALL-MOUNTED THERMOSTAT TO SERVE ALL THREE NEW UNIT VENTILATORS. FURNISH AND INSTALL ALL REQUIRED HOT WATER SUPPLY AND RETURN PIPING, VALVES, FITTINGS, AND RELATED APPURTENANCES. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. THE CONTRACTOR SHALL SHIFT THE EXISTING UNISTRUT SUPPORT RACK AS REQUIRED TO SUPPORT THE NEW UNIT VENTILATOR. THE CONTRACTOR SHALL INSTALL UNIT VENTILATORS AT APPROXIMATELY THE SAME HEIGHT AS THE EXISTING (FIELD VERIFY MOUNTING HEIGHT). INTERFACE THE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW STEAM UNIT VENTILATOR IN THE BIG GYMNASIUM WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATOR TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENTS. PROVIDE ONE REMOTE, WALL-MOUNTED THERMOSTAT TO SERVE ALL THREE NEW UNIT VENTILATORS. FURNISH AND INSTALL ALL REQUIRED STEAM AND CONDENSATE RETURN PIPING, VALVES, FITTINGS, AND RELATED APPURTENANCES. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. THE CONTRACTOR SHALL INSTALL UNIT VENTILATORS AT APPROXIMATELY THE SAME HEIGHT AS THE EXISTING (FIELD VERIFY MOUNTING HEIGHT). THE CONTRACTOR SHALL PROVIDE DESIGN FOR NEW UNIT VENTILATOR SUPPORT SYSTEM DURING SUBMITTAL PHASE. INTERFACE THE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW FLOOR-MOUNTED STEAM UNIT VENTILATOR WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATOR TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENTS. WALL BOX AND LOUVER SHALL BE PROVIDED BY THE UV MANUFACTURER (INSTALL APPROX. 12" AFF OR AS HIGH AS POSSIBLE ABOVE GRADE). PROVIDE EACH UNIT VENTILATOR WITH A REMOTE, WALL-MOUNTED THERMOSTAT. FURNISH AND INSTALL ALL REQUIRED STEAM AND CONDENSATE RETURN PIPING, VALVES, FITTINGS, AND ALL REQUIRED APPURTENANCES. ROUTE PIPING AS INDICATED ON THE DRAWINGS. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. COORDINATE FINAL INSTALLATION LOCATION WITH THE ARCHITECTURAL DRAWINGS AND EXISTING / NEW CASEWORK. INTERFACE THE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
4. EXISTING TO REMAIN.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW CUSTOM WALL BOX AND OUTSIDE AIR INTAKE LOUVER FOR THE NEW UNIT VENTILATOR. WALL BOX AND LOUVER SHALL BE SIZED AS PER THE DRAWINGS. LOUVER MODEL SHALL BE GREENHECK "ESD-435" TO ENSURE ALL UNIT VENTILATOR LOUVERS ARE IDENTICAL.



3 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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CONSULTANTS:

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SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M1' & PART 'A-M2'

DRAWING No.

PE-M 110.00

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MECHANICAL NEW WORK KEYNOTES

X

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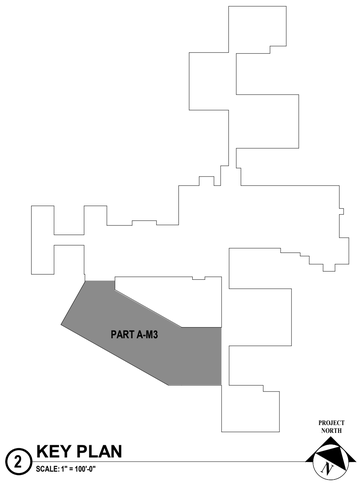
3. EXISTING TO REMAIN.
4. WHERE INDICATED BY A SHADED AREA, ALL NEW PIPING SERVING THE NEW UNIT VENTILATORS SHALL BE INSTALLED WITHIN AN APPROVED ARCHITECTURAL ENCLOSURE FOR THE PURPOSES OF CONCEALING THE PIPING. COORDINATE WITH THE GC.

1 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M3'

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

2 KEY PLAN

SCALE: 1" = 100'-0"



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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

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SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M3'

DRAWING No.

PE-M 111.00

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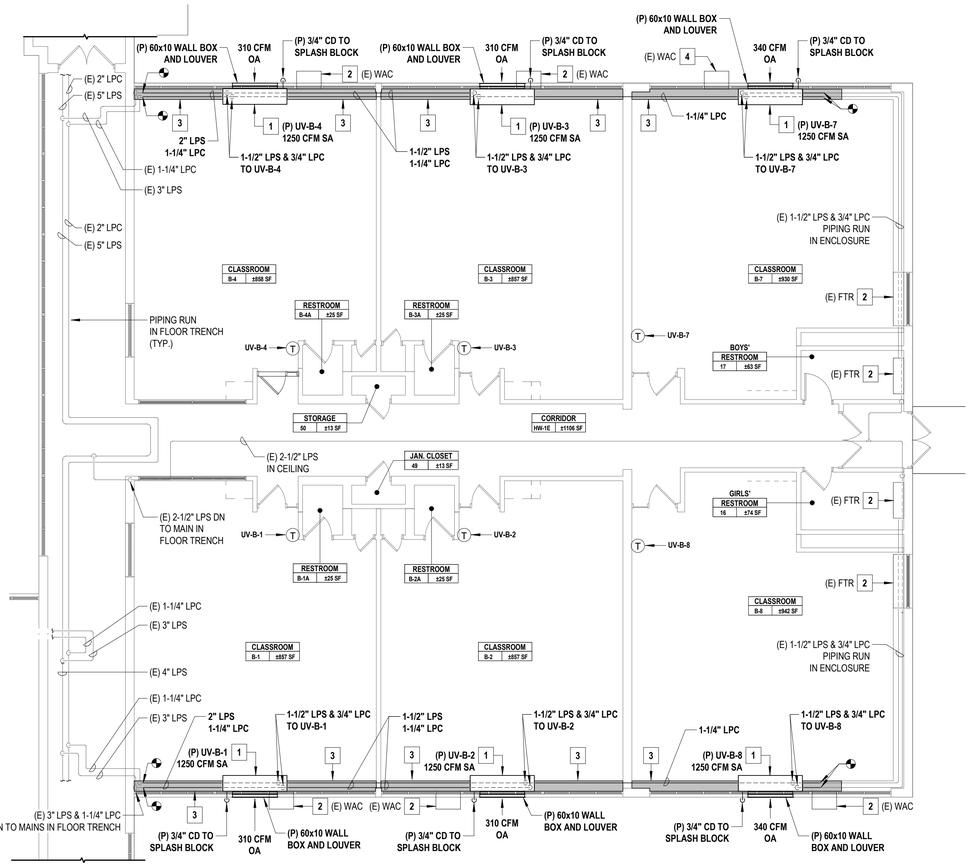
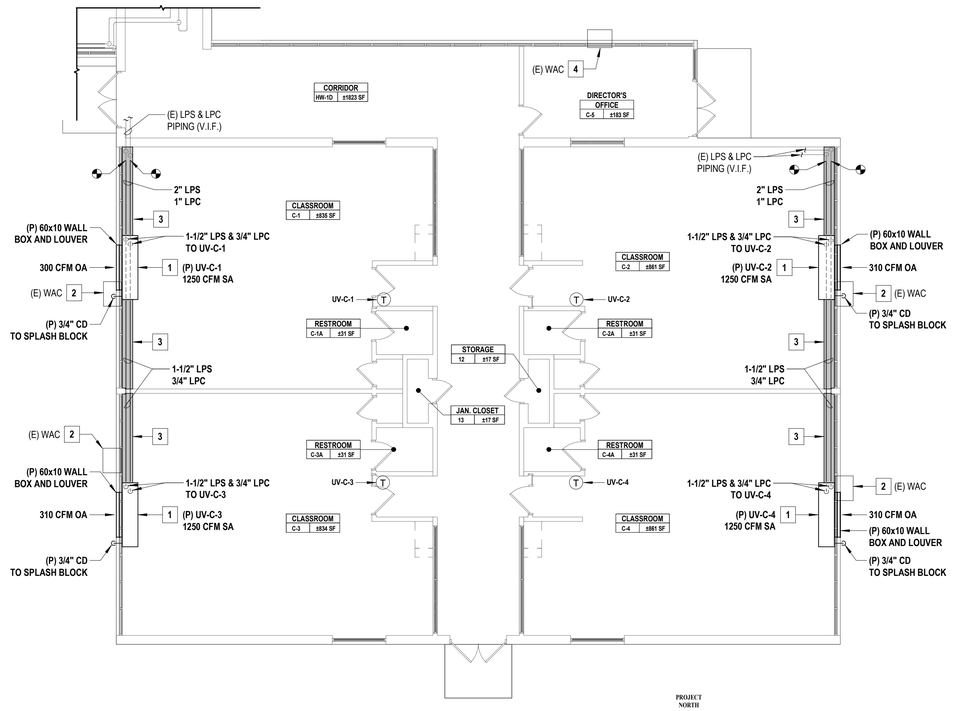


1 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M4'

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



2 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'A-M5'

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

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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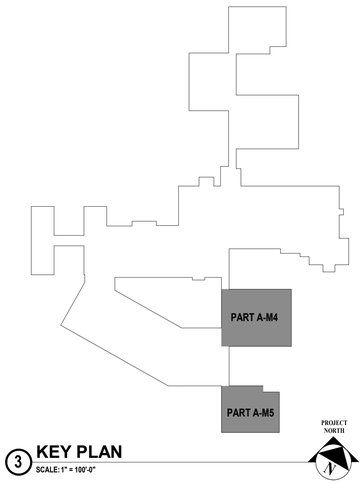
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.
6. FOR ALL NEW CONDENSATE DRAIN PIPING CONNECTIONS TO NEW UNIT VENTILATORS, THE INTENTION IS TO INSTALL PIPING TO EXTEND APPROXIMATELY 6" FROM THE EXTERIOR WALL, AND TERMINATE WITH A 90-DEGREE ELBOW FACING DOWNWARD. PIPING TO BE CAPPED AS COOLING COILS ARE TO BE CONNECTED AS PART OF A FUTURE PROJECT.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW FLOOR-MOUNTED STEAM UNIT VENTILATOR WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATOR TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENTS. WALL BOX AND LOUVER SHALL BE PROVIDED BY THE UV MANUFACTURER (INSTALL APPROX. 12" OR AS HIGH AS POSSIBLE ABOVE GRADE). PROVIDE EACH UNIT VENTILATOR WITH A REMOTE, WALL-MOUNTED THERMOSTAT. FURNISH AND INSTALL ALL REQUIRED STEAM AND CONDENSATE RETURN PIPING, VALVES, FITTINGS, AND ALL REQUIRED APPURTENANCES. ROUTE PIPING AS INDICATED ON THE DRAWINGS. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. COORDINATE FINAL INSTALLATION LOCATION WITH THE ARCHITECTURAL DRAWINGS AND EXISTING / NEW CASEWORK. INTERFACE THE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. EXISTING TO REMAIN.
3. WHERE INDICATED BY A SHADED AREA, ALL NEW PIPING SERVING THE NEW UNIT VENTILATORS SHALL BE INSTALLED WITHIN AN APPROVED ARCHITECTURAL ENCLOSURE FOR THE PURPOSES OF CONCEALING THE PIPING. COORDINATE WITH THE GC.



3 KEY PLAN

SCALE: 1" = 100'-0"

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
FIRST FLOOR NEW WORK PLAN - PART 'A-M4' & PART 'A-'M5'

DRAWING No.

PE-M 112.00

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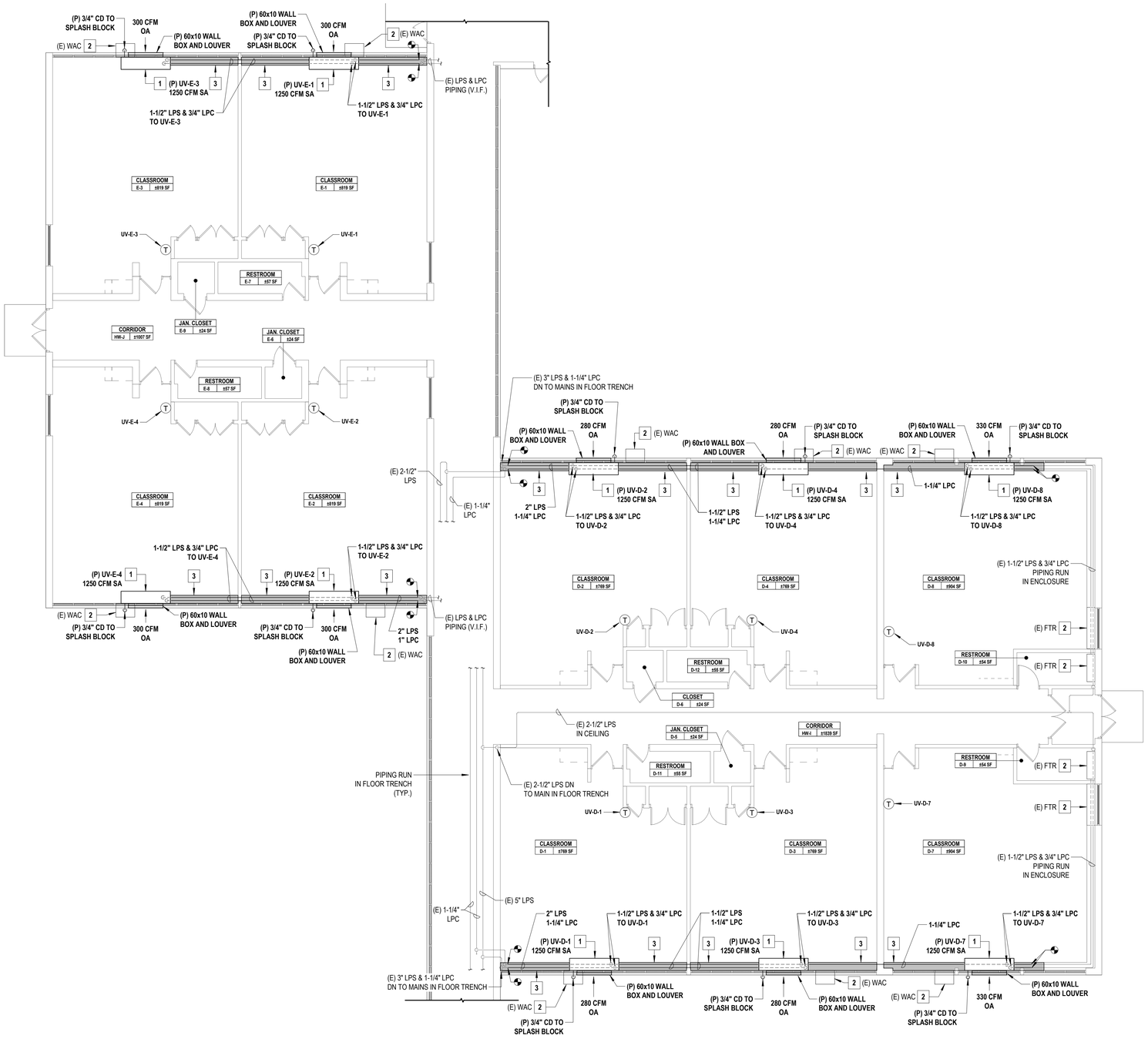

1 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'B-M1'

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

PROJECT NORTH

GENERAL NOTES

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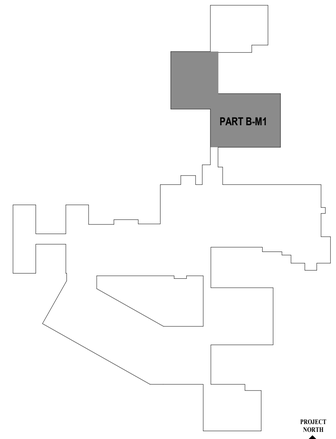

2 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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05/31/2028
Exp. Date

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PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'B-M1'

DRAWING No.

PE-M 113.00

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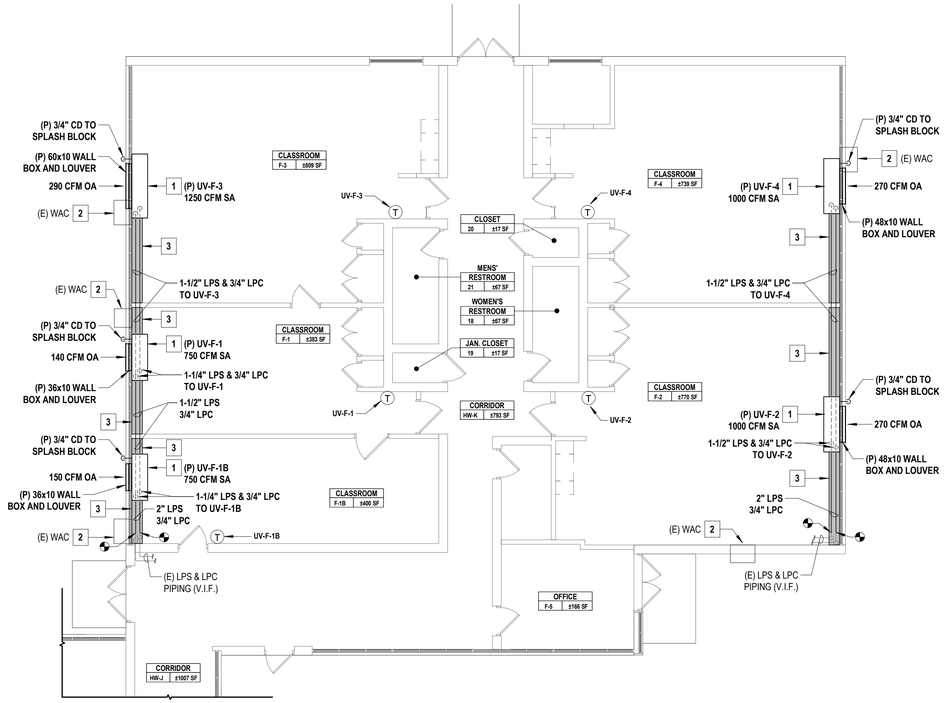

1 MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'B-M2'

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

PROJECT NORTH

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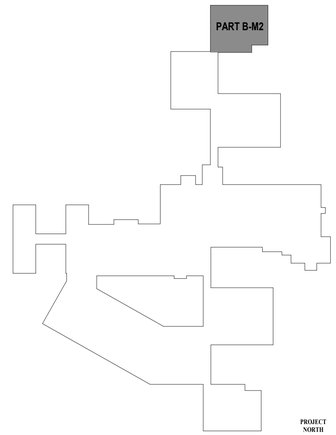

2 KEY PLAN

SCALE: 1" = 100'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

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NY PROFESSIONAL ENGINEER Lic. No. 057554

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

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LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL FIRST FLOOR NEW WORK PLAN - PART 'B-M2'

DRAWING No.

PE-M 114.00

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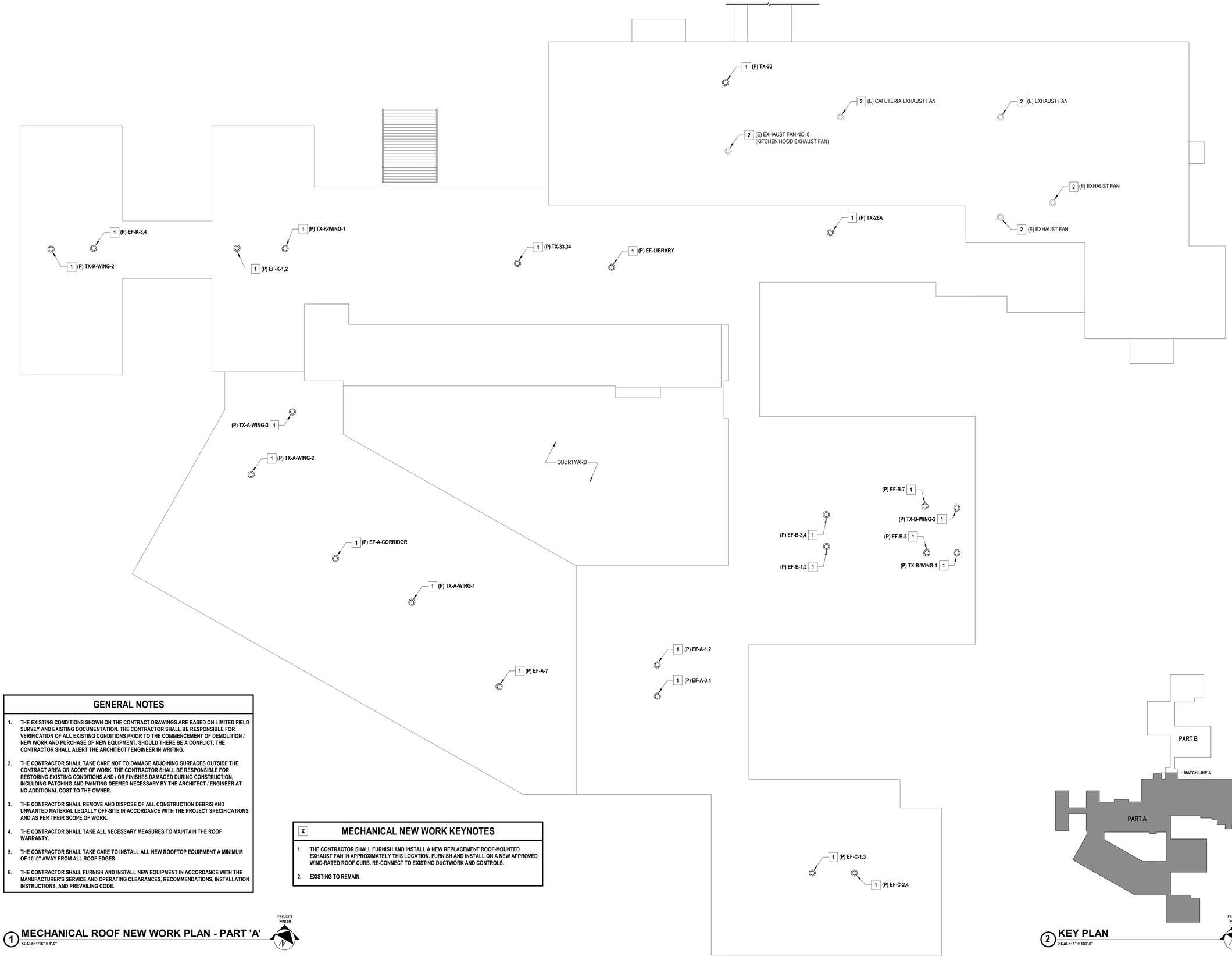

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5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW REPLACEMENT ROOF-MOUNTED EXHAUST FAN IN APPROXIMATELY THIS LOCATION. FURNISH AND INSTALL ON A NEW APPROVED WIND-RATED ROOF CURB. RE-CONNECT TO EXISTING DUCTWORK AND CONTROLS.
2. EXISTING TO REMAIN.

1 **MECHANICAL ROOF NEW WORK PLAN - PART 'A'**
SCALE: 1/16" = 1'-0"

PROJECT NORTH

2 **KEY PLAN**
SCALE: 1" = 100'-0"

PROJECT NORTH

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

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SHEET TITLE

MECHANICAL ROOF NEW WORK PLAN - PART 'A'

DRAWING No.

PE-M 115.00

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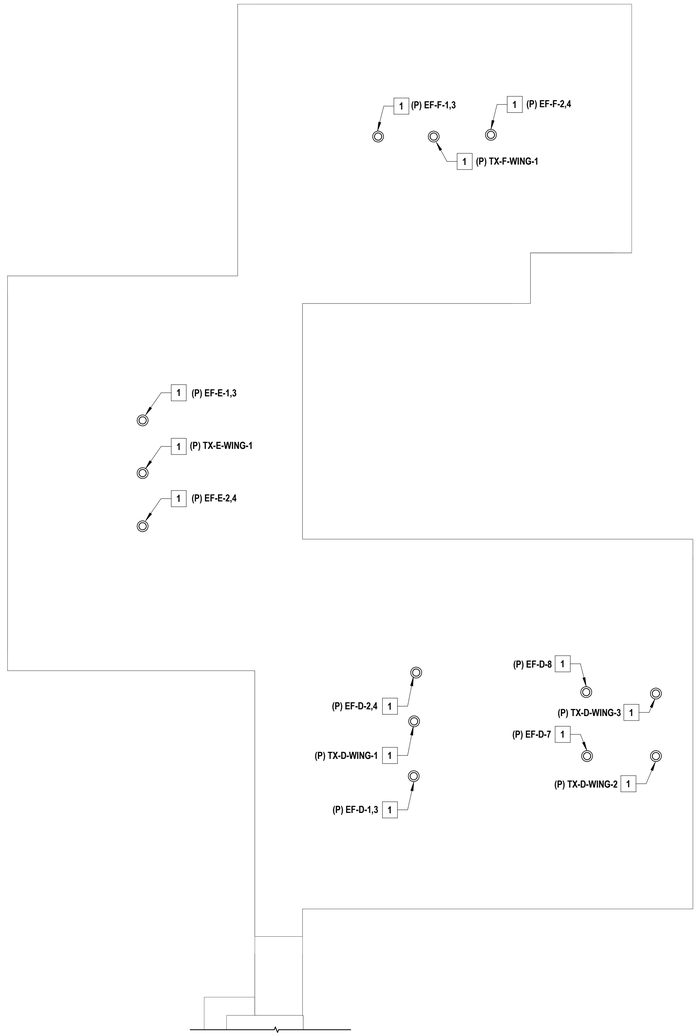

1 MECHANICAL ROOF NEW WORK PLAN - PART 'B'

SCALE: 1/16" = 1'-0"

PROJECT NORTH

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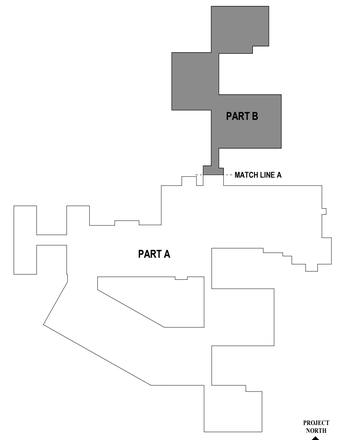

2 KEY PLAN

SCALE: 1" = 100'-0"

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MECHANICAL
ROOF NEW WORK PLAN - PART 'B'

DRAWING No.

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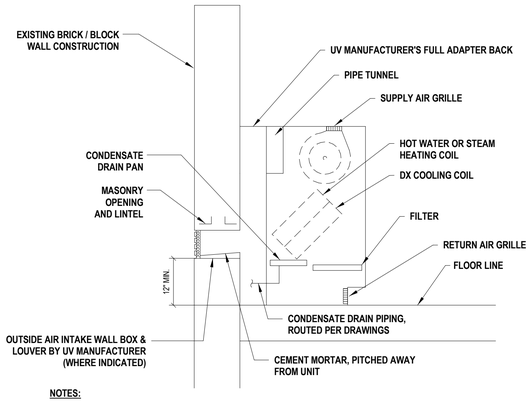
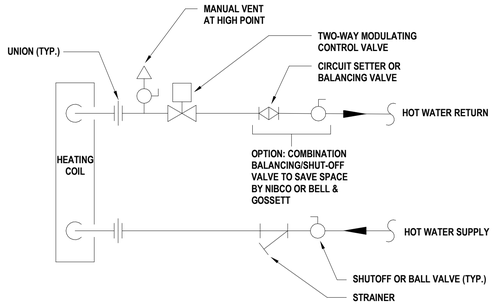


NOTES:

1. PROVIDE ALL BLOCKING AS NECESSARY TO PROVIDE AN AIR TIGHT SEAL FOR THE OUTDOOR AIR INTAKE PLENUM.
2. UNIT VENTILATORS TO BE PROVIDED WITH FULL ADAPTER BACK TO ALLOW FOR WALL BOX & LOUVER TO BE ELEVATED WHERE REQUIRED.

1 UNIT VENTILATOR DETAIL

SCALE:NTS

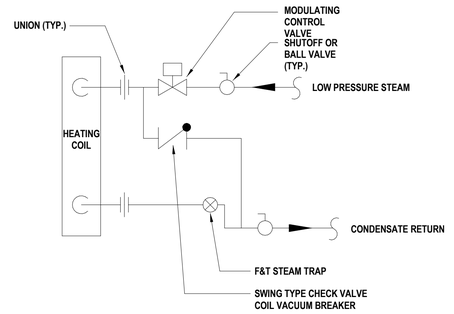


NOTES:

1. ALL COMPONENTS SHALL BE ENCLOSED WITHIN UNIT VENTILATOR CABINET.
2. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS & INSTALLATION INSTRUCTIONS.

2 UNIT VENTILATOR HOT WATER COIL PIPING DETAIL

SCALE:NTS

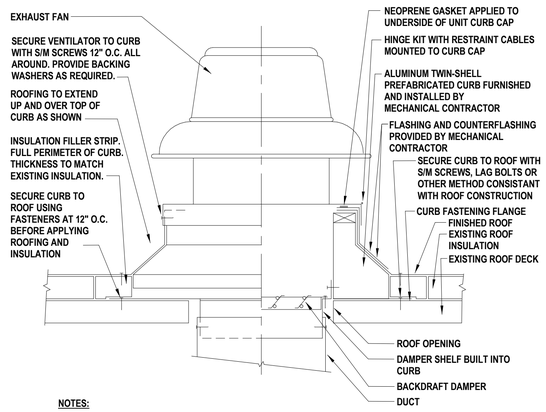


NOTES:

1. ALL COMPONENTS SHALL BE ENCLOSED WITHIN UNIT VENTILATOR CABINET.
2. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS & INSTALLATION INSTRUCTIONS.

3 UNIT VENTILATOR STEAM COIL PIPING DETAIL

SCALE:NTS

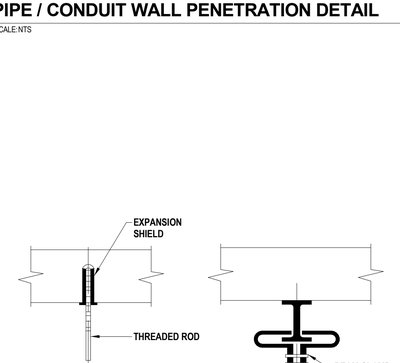


NOTES:

1. CURBS AND EXHAUST FANS SHALL BE FROM THE SAME MANUFACTURER. MECHANICAL CONTRACTOR SHALL RE-USE OR MODIFY EXISTING ROOF CURB AS REQUIRED.
2. ROOF OPENING IN ACCORDANCE WITH THE MANUFACTURER'S APPROVED SHOP DRAWINGS. MECHANICAL CONTRACTOR SHALL RE-USE OR MODIFY EXISTING ROOF OPENING WHERE REQUIRED.
3. ALL FLASHING AND ROOF WORK BY MECHANICAL CONTRACTOR.

4 DOWNBLAST EXHAUST FAN & CURB DETAIL

SCALE:NTS



5 PIPE / CONDUIT WALL PENETRATION DETAIL

SCALE:NTS

THE CONTRACTOR SHALL FURNISH AND INSTALL CONDENSATE DRAIN PIPING AS PER HVAC EQUIPMENT MANUFACTURER'S INSTALLATIONS INSTRUCTIONS / RECOMMENDATIONS AND ALL APPLICABLE CODES.

6 CONDENSATE DRAIN PIPING DETAIL

SCALE:NTS

AIR CONDITIONING CONDENSATE

AIR CONDITIONING CONDENSATE PIPING SHALL COMPLY WITH THE 2025 PLUMBING CODE OF NEW YORK STATE, CHAPTER 3, SECTION 314 - CONDENSATE DISPOSAL, AND THE 2025 MECHANICAL CODE OF NEW YORK STATE, CHAPTER 3, SECTION 307 - CONDENSATE DISPOSAL, WHICHEVER IS MORE STRINGENT.

AIR CONDITIONING CONDENSATE PIPING FROM AIR CONDITIONING UNITS SHALL BE SIZED ACCORDING TO THE CONDENSATE-GENERATING CAPACITY OF THE UNITS SERVED. BRANCHES FROM INDIVIDUAL UNITS SHALL BE NO SMALLER THAN THE DRAIN OPENING OR DRAIN CONNECTION ON THE UNIT. TRAPS SHALL BE PROVIDED AT EACH AIR CONDITIONING UNIT OR COOLING COIL TO MAINTAIN ATMOSPHERIC PRESSURE IN THE WASTE PIPING. CONDENSATE WASTE PIPING SHALL BE SLOPED NOT LESS THAN 1/8" PER FOOT. DRAINAGE FITTINGS SHALL BE USED IN SIZES 1-1/4" AND LARGER. MINIMUM PIPE SIZING SHALL BE AS FOLLOWS:

3/4" PIPE SIZE UP TO 20 TONS COOLING CAPACITY.
1" PIPE SIZE OVER 20 TONS TO 40 TONS COOLING CAPACITY.
1-1/4" PIPE SIZE OVER 40 TONS TO 90 TONS COOLING CAPACITY.
1-1/2" PIPE SIZE OVER 90 TONS TO 125 TONS COOLING CAPACITY.
2" PIPE SIZE OVER 125 TONS TO 250 TONS COOLING CAPACITY.

DISCHARGE OF AIR CONDITIONING CONDENSATE SHALL NOT BE PERMITTED TO CREATE A NUISANCE SUCH AS BY FLOWING ACROSS THE GROUND OR PAVED SURFACES. UNLESS EXPRESSLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION, THE POINT OF INDIRECT DISCHARGE FOR AIR CONDITIONING CONDENSATE SHALL BE ONE OF THE FOLLOWING:

a. THE BUILDING SANITARY DRAINAGE SYSTEM (FLOOR DRAIN PROVIDED UNDER PLUMBING DRAWINGS).
b. THE BUILDING STORM DRAINAGE SYSTEM.
c. AN APPROVED OUTDOOR LOCATION.
d. WITHIN DWELLINGS, A TUB WASTE AND OVERFLOW, LAVATORY TAILPIECE, OR LAUNDRY SINK WITHIN SAME DWELLING.

7 A/C CONDENSATE DRAINAGE CODES DETAIL

SCALE:NTS

8 PIPE HANGER DETAIL

SCALE:NTS

9 PIPE HANGER SUPPORT DETAIL

SCALE:NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL DETAILS

DRAWING No.

PE-M 500.00

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VENTILATION SCHEDULE

ROOM NUMBER	ROOM NAME	OCCUPANCY CATEGORY	FLOOR AREA (SQ. FT.)	PROGRAM OCCUP. LOAD	OUTSIDE AIR PER OCCUP. REQUIRED	OUTSIDE AIR PER SF REQUIRED	UNCORRECTED OUTSIDE AIR CFM	SPACE VENT EFFECT.	REQUIRED OUTSIDE AIR CFM	ACTUAL CFM OUTSIDE AIR	ACTUAL CFM SUPPLY AIR	EQUIPMENT SERVING SPACE	NOTES
A-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	852	17	10	0.12	273	0.9	303	310	1,250	NEW UV-A-1	1-5
A-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	764	15	10	0.12	244	0.9	272	280	1,250	NEW UV-A-2	1-5
A-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	856	17	10	0.12	274	0.9	304	310	1,250	NEW UV-A-3	1-5
A-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	856	17	10	0.12	274	0.9	304	310	1,250	NEW UV-A-4	1-5
A-6	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	379	8	10	0.12	121	0.9	135	140	750	NEW UV-A-6	1-5
B-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	857	17	10	0.12	274	0.9	305	310	1,250	NEW UV-B-1	1-5
B-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	857	17	10	0.12	274	0.9	305	310	1,250	NEW UV-B-2	1-5
B-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	857	17	10	0.12	274	0.9	305	310	1,250	NEW UV-B-3	1-5
B-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	858	17	10	0.12	275	0.9	305	310	1,250	NEW UV-B-4	1-5
C-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	835	17	10	0.12	267	0.9	297	300	1,250	NEW UV-C-1	1-5
C-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	861	17	10	0.12	276	0.9	306	310	1,250	NEW UV-C-2	1-5
C-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	834	17	10	0.12	267	0.9	297	300	1,250	NEW UV-C-3	1-5
C-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	861	17	10	0.12	276	0.9	306	310	1,250	NEW UV-C-4	1-5
D-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	769	15	10	0.12	246	0.9	273	280	1,250	NEW UV-D-1	1-5
D-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	769	15	10	0.12	246	0.9	273	280	1,250	NEW UV-D-2	1-5
D-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	769	15	10	0.12	246	0.9	273	280	1,250	NEW UV-D-3	1-5
D-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	769	15	10	0.12	246	0.9	273	280	1,250	NEW UV-D-4	1-5
E-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	819	16	10	0.12	262	0.9	291	300	1,250	NEW UV-E-1	1-5
E-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	819	16	10	0.12	262	0.9	291	300	1,250	NEW UV-E-2	1-5
E-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	819	16	10	0.12	262	0.9	291	300	1,250	NEW UV-E-3	1-5
E-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	819	16	10	0.12	262	0.9	291	300	1,250	NEW UV-E-4	1-5
F-1	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	383	8	10	0.12	123	0.9	136	140	750	NEW UV-F-1	1-5
F-1B	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	400	8	10	0.12	128	0.9	142	150	750	NEW UV-F-1B	1-5
F-2	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	744	15	10	0.12	238	0.9	265	270	1,000	NEW UV-F-2	1-5
F-3	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	809	16	10	0.12	259	0.9	288	290	1,250	NEW UV-F-3	1-5
F-4	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	738	15	10	0.12	236	0.9	262	270	1,000	NEW UV-F-4	1-5
K-1	CLASSROOM (KINDERGARTEN)	EDUC., CLASSROOM (AGE 5-8)	1,133	23	10	0.12	363	0.9	403	410	1,500	NEW UV-K-1	1-5
K-2	CLASSROOM (KINDERGARTEN)	EDUC., CLASSROOM (AGE 5-8)	1,133	23	10	0.12	363	0.9	403	410	1,500	NEW UV-K-2	1-5
K-3	CLASSROOM (KINDERGARTEN)	EDUC., CLASSROOM (AGE 5-8)	1,133	23	10	0.12	363	0.9	403	410	1,500	NEW UV-K-3	1-5
K-4	CLASSROOM (KINDERGARTEN)	EDUC., CLASSROOM (AGE 5-8)	1,133	23	10	0.12	363	0.9	403	410	1,500	NEW UV-K-4	1-5
A-5	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	860	17	10	0.12	275	0.9	306	310	1,000	REPLACEMENT UV-A-5	1-5
A-6A	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	602	12	10	0.12	193	0.9	214	220	1,000	REPLACEMENT UV-A-6A	1-5
A-8	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-8	1-5
A-9	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-9	1-5
A-10	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-10	1-5
A-11	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-11	1-5
A-12	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-12	1-5
A-13	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	894	18	10	0.12	286	0.9	318	320	1,250	REPLACEMENT UV-A-13	1-5
A-14	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	951	19	10	0.12	304	0.9	338	340	1,250	REPLACEMENT UV-A-14	1-5
A-15	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	951	19	10	0.12	304	0.9	338	340	1,250	REPLACEMENT UV-A-15	1-5
B-7	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	930	19	10	0.12	298	0.9	331	340	1,250	REPLACEMENT UV-B-7	1-5
B-8	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	942	19	10	0.12	301	0.9	335	340	1,250	REPLACEMENT UV-B-8	1-5
D-7	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	904	18	10	0.12	289	0.9	321	330	1,250	REPLACEMENT UV-D-7	1-5
D-8	CLASSROOM	EDUC., CLASSROOM (AGE 5-8)	904	18	10	0.12	289	0.9	321	330	1,250	REPLACEMENT UV-D-8	1-5
29	SMALL GYMNASIUM	SPECTATOR AREA, SPORTS	1,755	112	7.5	0.06	945	0.8	1,182	1,190	4,250	REPLACEMENT UV-S-GYM-1,2,3	1-2,6
30	BIG GYMNASIUM	SPECTATOR AREA, SPORTS	3,831	258	7.5	0.06	2,165	0.8	2,706	2,710	9,000	REPLACEMENT UV-B-GYM-1,2,3, 3 EXISTING UVs	1-2,7

NOTES:

1. VENTILATION SCHEDULE IS BASED ON THE 2025 NEW YORK STATE MECHANICAL CODE, INCLUDING ASHRAE STANDARD 62.1 AND GOOD ENGINEERING PRACTICE.
2. ASHRAE VENTILATION STANDARD 62.1 SHALL BE USED AS A SECONDARY REFERENCE SOURCE IF A PARTICULAR ROOM IS NOT INCLUDED IN THE IMC.
3. FOR TYPICAL CLASSROOM UNIT VENTILATOR ON A WINDOW WALL WITH RELIEF AIR ON OPPOSING CORRIDOR WALL (MOUNTED HIGH OR LOW) SHOULD USE A ZONE AIR DISTRIBUTION EFFECTIVENESS OF Ez = 0.9.
4. OCCUPANCIES BASED ON EITHER ACTUAL SEATING AND/OR CODE DENSITIES OF THE "NET" (NOT GROSS) OCCUPIABLE FLOOR AREA. CLASSROOMS: 35P/1000SF FOR AGE 9 PLUS. 25P/1000SF FOR AGES 5-8.
5. PRIMROSE SERVES STUDENTS IN KINDERGARTEN THROUGH 2ND GRADE (4 TO 8 YEARS OLD).
6. SMALL GYMNASIUM HAS 112 P NOT TO EXCEED. Ez = 0.8 (UVs MOUNTED HIGH). USE ASSEMBLY - SPECTATOR AREA VALUES (NOT PLAYING AREA VALUES WITH MUCH LOWER OCCUPANCIES). MULTI-PURPOSE ASSEMBLY USED AS WORST-CASE MODELING.
7. BIG GYMNASIUM HAS 258 P NOT TO EXCEED. Ez = 0.8 (UVs MOUNTED HIGH). USE ASSEMBLY - SPECTATOR AREA VALUES (NOT PLAYING AREA VALUES WITH MUCH LOWER OCCUPANCIES). MULTI-PURPOSE ASSEMBLY USED AS WORST-CASE MODELING.

UNIT VENTILATOR SCHEDULE

TAG	CLASSROOM SERVED	MANUFACTURER	MODEL NO.	ORIENTATION / MOUNTING	CEILING TYPE	UNIT CONFIGURATIONS: SUPPLY AIR	RETURN AIR	OUTSIDE AIR	SUPPLY FAN DATA: AIRFLOW TOTAL CFM	AIRFLOW O.A. CFM	MOTOR TYPE	MOTOR SIZE (HP)	STEAM HEATING COIL DATA: HTG CAP (MBH)	PRESS. (PSI)	FLOW (LB/HR)	AIR TEMP ENT (F)	AIR TEMP LVG (F)	HOT WATER HEATING COIL DATA: HTG CAP (MBH)	FLOW (GPM)	WPD MAX (FT)	AIR TEMP ENT (F)	AIR TEMP LVG (F)	WATER TEMP ENT (F)	WATER TEMP LVG (F)	DX COOLING COIL DATA: CAPACITY NOM. TONS	CAPACITY EVAP. SAT. TEMP (F)	CAPACITY TOTAL MBH	CAPACITY SENS. MBH	AIR TEMP EAT DB/WB (F)	AIR TEMP LAT DB/WB (F)	REFRIG. TYPE	ELECTRICAL DATA V/PH/HZ	ELECTRICAL DATA FLA (AMPS)	ELECTRICAL DATA MCA (AMPS)	ELECTRICAL DATA MOP (AMPS)	PHYSICAL DATA DEPTH OR LENGTH (IN)	PHYSICAL DATA WIDTH (IN)	PHYSICAL DATA HEIGHT (IN)	PHYSICAL DATA WGT (LBS)	WALL SLEEVE DEPTH OR LENGTH (IN)	WALL SLEEVE WIDTH (IN)	WALL SLEEVE HEIGHT (IN)	LOUVER WIDTH (IN)	LOUVER HEIGHT (IN)	NOTES
NEW UNIT VENTILATORS:																																														
UV-A-1	CR A-1	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-2	CR A-2	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	280	HS-ECM	1/2	41	2	42.5	54.3	84.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-3	CR A-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-4	CR A-4	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-6	CR A-6	CARRIER	40UV10750	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	750	140	HS-ECM	1/2	N/A	-	-	-	-	18.0	0.9	10.0	56.9	79.2	190	150	2.0	45	23.7	14.7	80/67	62.3/57.0	R-454B	115/1/60	6.8	8.5	15	21.83	62	30.26	445	8	36	10.38	35.5	9.75	1-9,13
UV-B-1	CR B-1	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-B-2	CR B-2	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-B-3	CR B-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-B-4	CR B-4	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	44	2	45.6	52.6	85.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-C-1	CR C-1	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	300	HS-ECM	1/2	43	2	44.6	53.2	85.1	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-C-2	CR C-2	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	48	2	49.7	52.6	88.2	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-C-3	CR C-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	53	2	54.9	52.6	91.9	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-C-4	CR C-4	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	310	HS-ECM	1/2	53	2	54.9	52.6	91.9	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-D-1	CR D-1	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	280	HS-ECM	1/2	41	2	42.5	54.3	84.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-D-2	CR D-2	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	280	HS-ECM	1/2	41	2	42.5	54.3	84.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-D-3	CR D-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	280	HS-ECM	1/2	41	2	42.5	54.3	84.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-D-4	CR D-4	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	280	HS-ECM	1/2	41	2	42.5	54.3	84.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-E-1	CR E-1	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	300	HS-ECM	1/2	43	2	44.6	53.2	85.1	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-E-2	CR E-2	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	300	HS-ECM	1/2	43	2	44.6	53.2	85.1	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-E-3	CR E-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	300	HS-ECM	1/2	52	2	53.9	53.2	91.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-E-4	CR E-4	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	300	HS-ECM	1/2	52	2	53.9	53.2	91.7	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-F-1	CR F-1	CARRIER	40UV10750	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	750	140	HS-ECM	1/2	22	2	22.8	56.9	84.1	-	-	-	-	-	-	-	2.0	45	23.7	14.7	80/67	62.3/57.0	R-454B	115/1/60	6.8	8.5	15	21.83	62	30.26	570	8	36	10.38	35.5	9.75	1-9,13
UV-F-1B	CR F-1B	CARRIER	40UV10750	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	750	150	HS-ECM	1/2	22	2	22.8	56.0	83.2	-	-	-	-	-	-	-	2.0	45	23.7	14.7	80/67	62.3/57.0	R-454B	115/1/60	6.8	8.5	15	21.83	62	30.26	445	8	36	10.38	35.5	9.75	1-9,13
UV-F-2	CR F-2	CARRIER	40UV11000	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,000	270	HS-ECM	1/2	45	2	46.6	51.1	92.8	-	-	-	-	-	-	-	3.0	45	31.4	19.6	80/67	62.3/57.1	R-454B	115/1/60	6.8	8.5	15	21.83	74	30.26	510	8	48	10.38	47.5	9.75	1-9,13
UV-F-3	CR F-3	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	290	HS-ECM	1/2	51	2	52.8	53.8	91.5	-	-	-	-	-	-	-	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-F-4	CR F-4	CARRIER	40UV11000	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,000	270	HS-ECM	1/2	46	2	47.7	51.1	93.7	-	-	-	-	-	-	-	3.0	45	31.4	19.6	80/67	62.3/57.1	R-454B	115/1/60	6.8	8.5	15	21.83	74	30.26	510	8	48	10.38	47.5	9.75	1-9,13
UV-K-1	CR K-1	CARRIER	40UV11500	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,500	410	HS-ECM	1/2	78	2	80.8	50.9	99.0	-	-	-	-	-	-	-	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	8	72	10.38	71.5	9.75	1-9,13
UV-K-2	CR K-2	CARRIER	40UV11500	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,500	410	HS-ECM	1/2	57	2	59.1	50.9	86.1	-	-	-	-	-	-	-	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	8	72	10.38	71.5	9.75	1-9,13
UV-K-3	CR K-3	CARRIER	40UV11500	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,500	410	HS-ECM	1/2	78	2	80.8	50.9	99.0	-	-	-	-	-	-	-	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	8	72	10.38	71.5	9.75	1-9,13
UV-K-4	CR K-4	CARRIER	40UV11500	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,500	410	HS-ECM	1/2	78	2	80.8	50.9	99.0	-	-	-	-	-	-	-	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	8	72	10.38	71.5	9.75	1-9,13
REPLACEMENT UNIT VENTILATORS:																																													
UV-A-5	CR A-5	CARRIER	40UV11000	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,000	310	HS-ECM	1/2	N/A	-	-	-	-	44.0	4.4	10.0	48.3	89.0	190	170	3.0	45	31.4	19.6	80/67	62.3/57.1	R-454B	115/1/60	6.8	8.5	15	21.83	74	30.26	510	8	48	10.38	47.5	9.75	1-9,13
UV-A-6A	CR A-6A	CARRIER	40UV11000	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,000	220	HS-ECM	1/2	N/A	-	-	-	-	30.0	3.0	10.0	54.6	82.4	190	170	3.0	45	31.4	19.6	80/67	62.3/57.1	R-454B	115/1/60	6.8	8.5	15	21.83	74	30.26	510	8	48	10.38	47.5	9.75	1-9,13
UV-A-8	CR A-8	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	320	HS-ECM	1/2	N/A	-	-	-	-	43.0	4.3	10.0	52.1	83.9	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-9	CR A-9	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	320	HS-ECM	1/2	N/A	-	-	-	-	43.0	4.3	10.0	52.1	83.9	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-10	CR A-10	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	320	HS-ECM	1/2	N/A	-	-	-	-	43.0	4.3	10.0	52.1	83.9	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-11	CR A-11	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	320	HS-ECM	1/2	N/A	-	-	-	-	43.0	4.3	10.0	52.1	83.9	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	8	60	10.38	59.5	9.75	1-9,13
UV-A-12	CR A-12	CARRIER	40UV11250	VERT., FLR.	N/A	TOP GR.	BOTT. GR.	NEW WB/GR	1,250	320	HS-ECM	1/2	N/A	-	-	-	-	43.0	4.3	10.0	52.1	83.9	190	170	3.5

EXHAUST FAN SCHEDULE

TAG	SERVICE TYPE	WING SERVED	ROOM(S) SERVED	LOCATION	MANUFACTURER	MODEL	TYPE	DRIVE	AIRFLOW (CFM)	ESP (IN WG)	FAN SPEED (RPM)	SOUND POWER (SONES)	MOTOR DATA					PHYSICAL DATA								NOTES
																		DUCT CONN.		FAN DIMENSIONS		ROOF OPENING		WEIGHT W/O ACC. (LBS.)		
													V/P/H	HP	FLA (AMPS)	MCA	MOP	L (IN)	W (IN)	W (IN)	H (IN)	L (IN)	W (IN)		
EF-A-3,4	CLASSROOM	A-WING	CLASSROOMS A-3 & A-4	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,055	0.25	812	6.0	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-A-1,2	CLASSROOM	A-WING	CLASSROOMS A-1 & A-2	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,055	0.25	812	6.0	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-A-7	CLASSROOM / OFFICE	A-WING	READING ROOM A-7, OFFICES A-7A,B,C	ROOF	GREENHECK	G-100-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	500	0.375	970	3.6	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
TX-A-WING-1	TOILETS	A-WING	A-WING RESTROOM 9, A-6B,8A,9A,10A,11A,12A,13A	ROOF	GREENHECK	G-120-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	800	0.50	1,149	8.0	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	59	1-13
TX-A-WING-2	TOILETS	A-WING	A-WING RESTROOM A-14A,15A	ROOF	GREENHECK	G-098-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	400	0.50	1,302	6.8	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
TX-A-WING-3	TOILETS	A-WING	CLOSET 8A, RESTROOM 8B	ROOF	GREENHECK	G-097-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	150	0.50	1,250	5.7	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-A-CORRIDOR	CORRIDOR	A-WING	A-WING CORRIDOR	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,100	0.50	1,003	7.1	115/1/60	1/2	6.6	8.2	15	16	16	28	36	18.5	18.5	73	1-1.3
TX-B-WING-1	TOILETS	B-WING	GIRL'S RESTROOM 16	ROOF	GREENHECK	G-080-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	130	0.25	1,110	4.6	115/1/60	1/6	2.8	3.5	15	10	10	22	27	12.5	12.5	40	1-13
TX-B-WING-2	TOILETS	B-WING	BOY'S RESTROOM 17	ROOF	GREENHECK	G-080-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	130	0.25	1,110	4.6	115/1/60	1/6	2.8	3.5	15	10	10	22	27	12.5	12.5	40	1-13
EF-B-8	CLASSROOM	B-WING	CLASSROOM B-8	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,250	0.25	885	6.7	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-B-7	CLASSROOM	B-WING	CLASSROOM B-7	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,250	0.25	885	6.7	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-B-1,2	CLASSROOM / TOILETS	B-WING	CLASSROOMS B-1 & B-2, RESTROOMS B-1A & B-2A, JC 14	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,055	0.25	812	6.0	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-B-3,4	CLASSROOM / TOILETS	B-WING	CLASSROOMS B-3 & B-4, RESTROOMS B-3A & B-4A	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,055	0.25	812	6.0	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-C-1,3	CLASSROOM / TOILETS	C-WING	CLASSROOMS C-1 & C-3, RESTROOMS C-1A & C-3A, JC 13	ROOF	GREENHECK	G-180-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,690	0.5	931	10.5	115/1/60	1.0	13.0	16.2	25	24	24	36	40	26.5	26.5	121	1-13
EF-C-2,4	CLASSROOM / TOILETS	C-WING	CLASSROOMS C-2 & C-4, RESTROOMS C-2A & C-4A	ROOF	GREENHECK	G-180-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,690	0.5	931	10.5	115/1/60	1.0	13.0	16.2	25	24	24	36	40	26.5	26.5	121	1-13
TX-D-WING-2	TOILETS	D-WING	RESTROOM D-9	ROOF	GREENHECK	G-080-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	130	0.25	1,110	4.6	115/1/60	1/6	2.8	3.5	15	10	10	22	27	12.5	12.5	40	1-13
TX-D-WING-3	TOILETS	D-WING	RESTROOM D-10	ROOF	GREENHECK	G-080-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	130	0.25	1,110	4.6	115/1/60	1/6	2.8	3.5	15	10	10	22	27	12.5	12.5	40	1-13
EF-D-8	CLASSROOM	D-WING	CLASSROOM D-7	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,250	0.25	885	6.7	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-D-8	CLASSROOM	D-WING	CLASSROOM D-8	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	1,250	0.25	885	6.7	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-D-1,3	CLASSROOM	D-WING	CLASSROOMS D-1 & D-3	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	975	0.25	782	5.6	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
EF-D-2,4	CLASSROOM	D-WING	CLASSROOMS D-2 & D-4	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	975	0.25	782	5.6	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
TX-D-WING-1	TOILETS	D-WING	RESTROOMS D-11 & D-12, CLOSETS D-5 & D-6	ROOF	GREENHECK	G-100-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	550	0.25	1,010	3.9	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-E-1,3	CLASSROOM	E-WING	CLASSROOMS E-1 & E-3	ROOF	GREENHECK	G-160-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,500	0.5	1,118	13.4	115/1/60	1.0	13.0	16.2	25	16	16	28	36	18.5	18.5	90	1-13
EF-E-2,4	CLASSROOM	E-WING	CLASSROOMS E-2 & E-4	ROOF	GREENHECK	G-160-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,500	0.5	1,118	13.4	115/1/60	1.0	13.0	16.2	25	16	16	28	36	18.5	18.5	90	1-13
TX-E-WING-1	TOILETS	E-WING	RESTROOMS E-7 & E-8, JC E-6 & E-9	ROOF	GREENHECK	G-098-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	320	0.5	1,216	6.1	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-F-1,3	CLASSROOM	F-WING	CLASSROOMS F-1, F-1B, F-3	ROOF	GREENHECK	G-200-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,750	0.5	805	10.3	115/1/60	1.0	13.0	16.2	25	24	24	36	40	26.5	26.5	123	1-13
EF-F-2,4	CLASSROOM	F-WING	CLASSROOMS F-2 & F-4	ROOF	GREENHECK	G-180-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,000	0.5	804	7.5	115/1/60	3/4	10.0	12.5	20	24	24	36	40	26.5	26.5	110	1-13
TX-F-WING-1	TOILETS	F-WING	RESTROOMS 18 & 21, JC 19	ROOF	GREENHECK	G-098-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	330	0.5	1,227	6.2	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-K-1,2	CLASSROOM	K-WING	CLASSROOMS K-1 & K-2	ROOF	GREENHECK	G-140-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	975	0.25	782	5.6	115/1/60	1/4	3.8	4.8	15	16	16	28	36	18.5	18.5	68	1-13
TX-K-WING-1	TOILETS	K-WING	RESTROOMS K-1A & K-2A	ROOF	GREENHECK	G-098-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	255	0.25	895	3.7	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-K-3,4	CLASSROOM	K-WING	CLASSROOMS K-3 & K-4	ROOF	GREENHECK	G-200-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	3,000	0.5	834	11.0	115/1/60	1.0	13.0	16.2	25	24	24	36	40	26.5	26.5	123	1-13
TX-K-WING-2	TOILETS	K-WING	RESTROOMS K-3A & K-4A	ROOF	GREENHECK	G-098-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	300	0.5	1,195	5.9	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
EF-LIBRARY	LIBRARY	MISC.	LIBRARY	ROOF	GREENHECK	G-180-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	2,200	0.5	837	8.3	115/1/60	3/4	10.0	12.5	20	24	24	36	40	26.5	26.5	110	1-13
TX-33,34	TOILETS	MISC.	MEN'S RESTROOM 33 / WOMEN'S RESTROOM 34	ROOF	GREENHECK	G-100-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	550	0.25	1,010	3.9	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13
TX-26A	TOILETS	MISC.	GIRL'S RESTROOM 26A	ROOF	GREENHECK	G-097-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	150	0.50	1,250	5.7	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1,4-13
TX-23	TOILETS	MISC.	BOY'S RESTROOM 23, RESTROOM 22A, JAN CLOSET 24A	ROOF	GREENHECK	G-100-VG	CENTRIFUGAL, DOWNBLAST	DIRECT	550	0.25	1,010	3.9	115/1/60	1/4	3.8	4.8	15	12	12	24	36	14.5	14.5	54	1-13

NOTES:

1. EXHAUST FANS SHALL BE INTERLOCKED WITH EXISTING BUILDING MANAGEMENT SYSTEM.
2. FAN IS INTENDED TO BE A REPLACEMENT-IN-KIND. AIRFLOW AND STATIC PRESSURE READINGS ARE BASED ON ORIGINAL DESIGN DRAWINGS AND/OR OBTAINED TESTING AND BALANCING MEASUREMENTS.
3. RE-INTEGRATE FAN INTO EXISTING CONTROLS SEQUENCES (FIELD-VERIFY).
4. PROVIDE VARI-GREEN EC MOTOR WITH DIAL-ON-MOTOR FOR BALANCING.
5. FAN SHALL BE UL-705 LISTED, AMCA CERTIFIED.
6. PROVIDE FAN WITH NEW HIGH-WIND RATED ROOF CURB (12 INCHES HIGH).
7. PROVIDE FIELD-APPLIED FOAMED CURB SEAL.
8. PROVIDE NEMA-3R TOGGLE DISCONNECT SWITCH, FACTORY-INSTALLED AND WIRED.
9. JUNCTION BOX SHALL BE MOUNTED & WIRED IN WEATHER-PROTECTED MOTOR COMPARTMENT.
10. PROVIDE ALUMINUM BIRDSCREEN, GALVANIZED, 84% FREE AREA.
11. ALUMINUM WHEEL MATERIAL.
12. PROVDE WITH GRAVITY BACKDRAFT DAMPER.
13. PROVIDE WITH THE MANUFACTURER'S STANDARD WARRANTY.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK
JOHN C. MORRIS III
057554-1
LICENSED PROFESSIONAL ENGINEER

05/31/2026
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL SCHEDULES

DRAWING No.

PE-M 601.00

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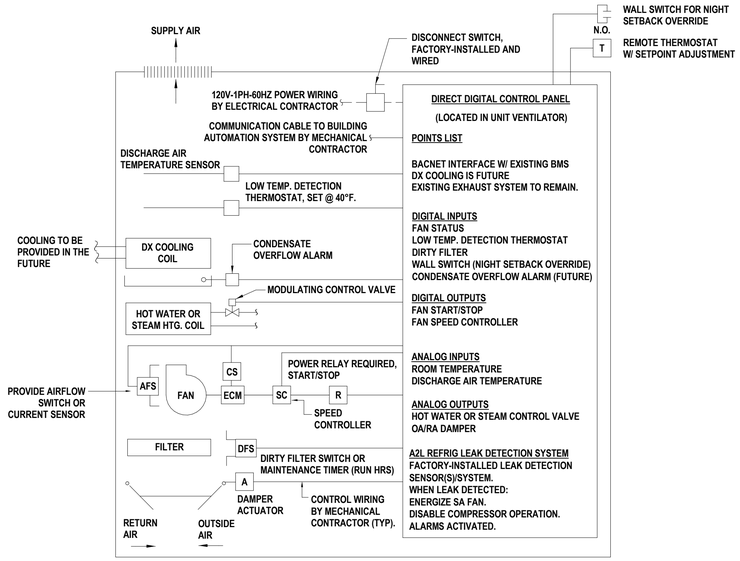
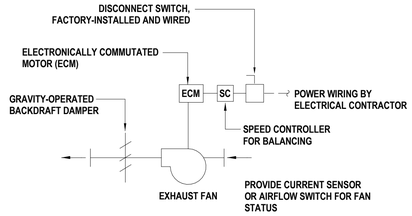


1 UNIT VENTILATOR (UV) CONTROL DIAGRAM

SCALE:NTS



2 EXHAUST FAN CONTROL SCHEMATIC

SCALE: NTS

CONTROLS LEGEND, SYMBOLS AND ABBREVIATIONS

A	ACTUATOR
AFS	AIRFLOW SWITCH
AFMS	AIRFLOW MONITORING STATION
ATC	AUTOMATIC TEMPERATURE CONTROLS
BAS	BUILDING AUTOMATION SYSTEM
BDD	BACKDRAFT DAMPER
BSB	BRANCH SELECTOR BOX
CO2	CARBON DIOXIDE
CS	CURRENT SENSOR
CU	CONDENSING UNIT
DDC	DIRECT DIGITAL CONTROLS
DFS	DIRTY FILTER SWITCH
DSD	DUCT SMOKE DETECTOR
EA	EXHAUST AIR
ECM	ELECTRONICALLY COMMUTATED MOTOR
EF	EXHAUST FAN
ES	END SWITCH
F	FREEZESTAT
HOA	HAND-OFF-AUTOMATIC
HS	HUMIDITY SENSOR
M	MOTOR
MA	MIXED AIR
MS	MOTOR STARTER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OCC	OCCUPANCY SENSOR
R	RELAY
RA	RETURN AIR
RH	RELATIVE HUMIDITY
SA	SUPPLY AIR
SC	SPEED CONTROLLER
SF	SUPPLY FAN
SP	STATIC PRESSURE SENSOR
SW	SWITCH
T	THERMOSTAT
TEMP	TEMPERATURE
TS	TEMPERATURE SENSOR
UV	UNIT VENTILATOR

GENERAL NOTES:

1. ALL POWER WIRING ABOVE 120V TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, INCLUDING POWER WIRING FOR ALL CONTROL PANELS.
2. ALL WIRING SHALL BE INSTALLED IN APPROPRIATELY SIZED E.M.T. INSTALLATION FOR ALL ELECTRICAL DEVICES. WIRING SHALL FOLLOW WIRING METHODS SPECIFIED ON THE CONTRACT "E" DRAWINGS AND SPECIFICATIONS.
3. LOW VOLTAGE "CONTROL" WIRING, SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR, EXCEPT AS NOTED.
4. REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATIONS. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
5. UNITARY CONTROLLERS SHALL HAVE INTERNAL CONTROL LOGIC CAPABLE OF FULL OPERATION OF THE EQUIPMENT IN THE EVENT THE EQUIPMENT IS NOT CONNECTED TO THE BMS.

THERMOSTAT NOTES:

1. ALL THERMOSTATS SHALL HAVE LOCKING COVERS TO PREVENT TAMPERING AND VANDALISM.

MOTOR STARTER NOTES:

1. ALL SAFETY DEVICES SHALL BE WIRED SO THEY STOP THE MOTOR WITH THE HAND-OFF-AUTO SWITCH IN THE HAND AS WELL AS THE AUTO POSITION. THIS WILL NORMALLY MEAN BREAKING THE COMMON WIRE FROM THE HAND-OFF-AUTO TO THE STARTER'S HOLDING COIL THRU THE SAFETY DEVICES.

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MECHANICAL CONTROL DIAGRAMS

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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	COMMENTS
S_3	THREE - WAY SWITCH	46" AFF TO CL UON
S_4	FOUR - WAY SWITCH	46" AFF TO CL UON
S_I	ILLUMINATED SWITCH	46" AFF TO CL UON
S^A	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON
S_D	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON
S_{3D}	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON
S_K	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON
S_{K3}	KEYED THREE - WAY SWITCH	46" AFF TO CL UON
S_{K4}	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON
S_M	HORSEPOWER RATED SWITCH, WITH INDICATOR (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	46" AFF
S_P	SWITCH AND PILOT LIGHT	
S_T	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	
S_{OS}	OCCUPANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT	
TC	TIME CLOCK	
PC	PHOTOCELL	
PB	PUSH BUTTON	
E,G	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS	
OS	OCCUPANCY SENSOR, CEILING MOUNT	
	OCCUPANCY SENSOR POWER PACK, MOUNTED ABOVE CEILING	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
IIIII	5 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
III	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB	
LP1-35	DEDICATED HOME RUN TO PANEL LP1 FOR CIRCUIT No. 35 ONLY. 2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
TL	120V, 20 A TWIST LOCK RECEPTACLE.	46" AFF TO CL UON
	DUPLEX RECEPTACLE: 120V, 20A.	46" AFF TO CL UON
	QUAD RECEPTACLE, DOUBLE DUPLEX RECEPTACLE: 120V, 20A.	46" AFF TO CL UON
C	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "C" INDICATES CEILING MOUNT.	46" AFF TO CL UON
	DUPLEX RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	46" AFF TO CL UON
IG	ISOLATED GROUND DUPLEX RECEPTACLE.	46" AFF TO CL UON
GFI	DUPLEX RECEPTACLE: 120V, 20A; WITH GROUND FAULT INDICATOR.	46" AFF TO CL UON
CT	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "CT" INDICATES COUNTER TOP.	46" AFF TO CL UON
WP	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "WP" INDICATED WEATHER PROOF	46" AFF TO CL UON
	SPECIAL PURPOSE OUTLET: VERIFY NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER.	46" AFF TO CL UON
TL	TWISTED LOCK RECEPTACLE: 125V, 20A, 3 WIRE; UNLESS OTHERWISE NOTED.	46" AFF TO CL UON
	SURFACE RACEWAY WITH 2 GROUNDED AND ISOLATED TYPE DUPLEX RECEPTACLES AND 1 DATA OUTLET PER POSITION, 18" AFF UNLESS OTHERWISE NOTED.	
	TELEPHONE/POWER POLE	
MP	MAGNETIC STARTER.	
DP	DISCONNECTION SWITCH.	
J	JUNCTION BOX	
J4X	NEMA 4X STAINLESS STEEL JUNCTION BOX WITH GASKET COVER.	
JS	JUNCTION BOX RECESSED IN WALL WITH BLANK COVER, PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.	
JM	FOR MONITOR, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING.	
T T1	TRANSFORMER "T1"; SEE TRANSFORMER SCHEDULE.	
	ELECTRICAL PANEL "P1", RECESSED; SEE PANEL SCHEDULE.	
P1	ELECTRICAL PANEL "P1", SURFACE MOUNT; SEE PANEL SCHEDULE.	
	CONDUIT GOING UP.	
	CONDUIT GOING DOWN.	
	PULLBOX	
T	TELEPHONE. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
TV	CABLE TELEVISION. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D	DATA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D/T	COMBINED DATA AND TV. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
S	SECURITY CAMERA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AFC	ABOVE FINISHED CEILING
AFG	ABOVE FINISHED GRADE
AMP, A	AMPERE
ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE
AWG	AMERICAN WIRE GAUGE
BFC	BELOW FINISHED CEILING
CL	CENTERLINE
CT	COUNTERTOP
EC	ELECTRICAL CONDUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INDICATOR
PSEG	PUBLIC SERVICE ELECTRIC AND GAS COMPANY (LOCAL ELECTRIC UTILITY)
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
NTS	NOT TO SCALE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UC	UNDERCOUNTER
V	VOLTS
VAC	VOLTS ALTERNATING CURRENT
VDC	VOLT DIRECT CURRENT
X-FMR	TRANSFORMER
WP	WEATHERPROOF
EMT	ELECTRICAL METALLIC TUBING
RMC	RIGID METAL CONDUIT
(D)	DEMOLISH
(E)	EXISTING
(P)	PROPOSED
UV	UNIT VENTILATOR

SYMBOL	DESCRIPTION	COMMENTS
T	LINE VOLTAGE THERMOSTAT, 120V, 10A.	
	CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED.	
TS1	TRANSFER SWITCH TS1; SEE TRANSFER SWITCH SCHEDULE.	
M.C.B 30A/2P PANEL "P1"	DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.	
	DISCONNECT SWITCH DS1, 100A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
DS3 100A/3P	FUSED DISCONNECT SWITCH DS2, FUSED AT 40A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
G1	GENERATOR SET G1	
M	ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.	
5	MOTOR, NUMBER INDICATED HORSEPOWER.	
	CURRENT TRANSFORMER.	
PTS	VOLTAGE TRANSFORMER.	
T2	TRANSFORMER WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.	
RVRM 10	REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.	
RVSS 150	REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.	
VFD 25	VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.	
FVNR 5	FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6	
FVR 5	FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5	
JJS	FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.	
	MULTIPLE BRANCH CIRCUITS AS REQUIRED.	
LNR	5% LINE REACTOR, UNLESS OTHERWISE NOTED	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C. UNLESS OTHERWISE NOTED ON PLANS	

CONTROLS LEGEND

SYMBOL	DESCRIPTION	COMMENTS
	PUMP OR BLOWER MOTOR	
	FLOR METER	
M	MOTOR CONTROLLED VALVE WITH LIMIT SWITCHES	
LS	LIMIT SWITCH	
FT	FLOW TRANSMITTER	
FS	FLOW SWITCH	
PT	PRESSURE TRANSMITTER	
PS	PRESSURE SWITCH	
LT	LEVEL TRANSMITTER	
LE	LEVEL ELECTRODES	
DP	DIFFERENTIAL PRESSURE TRANSMITTER	
	SOLENOID VALVE	
	PITOT TUBE AND AIR PRESSURE SWITCH	
TLDS	PITOT TUBE AND AIR PRESSURE SWITCH	
PID	PROPORTIONAL - INTEGRAL - DERIVATIVE SINGLE LOOP CONTROLLER	
SC TP—A	SINGLE CONDITIONER TIME PULSE DURATION TO ANALOG	

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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date
JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072523
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

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ELECTRICAL CONSTRUCTION

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MATCH LINE A

REFER TO DRAWING PE-E 400 FOR WORK IN THIS AREA

(E) PANEL 'BOILER ROOM PANEL'
(E) PANEL 'NLP'
(E) PANEL 'BRZ'
(E) PANEL 'MDP2'
(E) PANEL 'MDP'
(D) PANEL 'P1' 2
(D) KITCHEN PANEL 'KP' 2
(E) PANEL 'PPI' TO REMAIN
(E) PANEL 'MAIN OFFICE SUB' TO REMAIN
(D) PANEL 'LIGHTING LP G' 2
2 (D) PANEL 'PANEL 2'
(D) PANEL 'F' 2
(E) PANEL 'LP-L-A-SUB' TO REMAIN
(E) PANEL '1' TO REMAIN
(E) PANEL '2' TO REMAIN
1 (D) UNIT VENTILATOR
(E) PANEL TO REMAIN
(E) PANEL 'B WING-2' TO REMAIN
(E) JUNCTION BOX TO REMAIN
(E) PANEL 'A WING' TO REMAIN
(E) JUNCTION BOX AND PANEL TO REMAIN
(D) PANEL 'LIGHTING PL' 2
(E) PANEL 'P-12' TO REMAIN
(E) STAGE PANELS

CLASSROOM K-3 ±1130 SF
CLASSROOM K-1 ±1130 SF
RESTROOM K-3A ±59 SF
RESTROOM K-1A ±59 SF
CORRIDOR HW-1B ±1058 SF
RESTROOM K-4A ±59 SF
RESTROOM K-2A ±59 SF
CLASSROOM K-4 ±1130 SF
CLASSROOM K-2 ±1130 SF
ENTRANCE V1 ±239 SF
WELCOME COUNTER 1A ±119 SF
CORRIDOR HW-1A ±2547 SF
SERVER ROOM 22C ±137 SF
RESTROOM 2A ±43 SF
RESOURCE OFFICER 35 ±147 SF
WOMEN'S RESTROOM 34 ±110 SF
MENS' RESTROOM 33 ±91 SF
COPIER ROOM 25 ±136 SF
FREEZER 24-B ±121 SF
SAFE 9 ±77 SF
MAIN OFFICE 1 ±1023 SF
CONFERENCE ROOM 2 ±560 SF
CLOSET 6A ±16 SF
STORAGE 6B ±13 SF
RESTROOM 6C ±44 SF
NURSE'S OFFICE 6 ±565 SF
CLOSET 36B ±30 SF
SPEECH THERAPY 36 ±446 SF
OFFICE 36A ±187 SF
STOARGE 32B ±203 SF
LIBRARIAN'S OFFICE 32A ±251 SF
LIBRARY 32 ±2988 SF
PSYCHOLOGIST OFFICE 7 ±134 SF
AP OFFICE 5 ±134 SF
OFFICE 4 ±135 SF
PRINCIPAL OFFICE 3 ±287 SF
OFFICE 32C ±180 SF
RESTROOM 8B ±64 SF
PSYCHOLOGIST 8 ±526 SF
CLOSET 8A ±42 SF
COURTYARD CY-1 ±9030 SF
CLASSROOM A-15 ±951 SF
RESTROOM A-15A ±52 SF
RESTROOM A-14A ±52 SF
CLASSROOM A-14 ±951 SF
CLASSROOM A-12 ±894 SF
RESTROOM A-12A ±40 SF
CLASSROOM A-10 ±894 SF
RESTROOM A-10A ±40 SF
CLASSROOM A-8 ±894 SF
RESTROOM A-8A ±40 SF
CLASSROOM A-6 ±379 SF
RESTROOM A-6B ±40 SF
CORRIDOR HW-1C ±2862 SF
RESTROOM A-13A ±40 SF
CLASSROOM A-13 ±894 SF
RESTROOM A-11A ±40 SF
CLASSROOM A-11 ±894 SF
CLASSROOM A-9 ±894 SF
RESTROOM A-9A ±40 SF
OFFICE A-18 ±286 SF
OFFICE A-19 ±414 SF
READING ROOM A-7 ±168 SF
OFFICE A-7A ±162 SF
CLASSROOM A-6A ±602 SF
RESTROOOM 9 ±104 SF
CLASSROOM A-5 ±860 SF
CLASSROOM A-2 ±764 SF
RESTROOM A-2A ±32 SF
STORAGE A-2B ±95 SF
JAN. CLOSET 8 ±22 SF
RESTROOM A-3A ±29 SF
CLASSROOM A-3 ±856 SF
STORAGE 10 ±22 SF
CLASSROOM A-1 ±852 SF
RESTROOM A-1A ±32 SF
RESTROOM A-4A ±29 SF
CLASSROOM A-4 ±936 SF
CORRIDOR HW-1D ±1823 SF
CORRIDOR HW-1E ±1106 SF
CLASSROOM B-4 ±858 SF
RESTROOM B-4A ±25 SF
RESTROOM B-1A ±25 SF
CLASSROOM B-1 ±857 SF
JAN. CLOSET 49 ±13 SF
STORAGE 50 ±13 SF
CLASSROOM B-3 ±857 SF
RESTROOM B-3A ±25 SF
RESTROOM B-2A ±25 SF
CLASSROOM B-2 ±857 SF
CLASSROOM B-7 ±936 SF
BOYS' RESTROOM 17 ±63 SF
CORRIDOR HW-1E ±1106 SF
GIRLS' RESTROOM 16 ±74 SF
CLASSROOM B-6 ±942 SF
VESTIBULE V6 ±48 SF
DIRECTOR'S OFFICE C-5 ±183 SF
CORRIDOR HW-1D ±1823 SF
CLASSROOM C-1 ±835 SF
RESTROOM C-1A ±31 SF
RESTROOM C-3A ±31 SF
CLASSROOM C-3 ±834 SF
JAN. CLOSET 13 ±17 SF
CLASSROOM C-2 ±861 SF
RESTROOM C-2A ±31 SF
STORAGE 12 ±17 SF
RESTROOM C-4A ±31 SF
CLASSROOM C-4 ±861 SF
VESTIBULE V3 ±163 SF
CLASSROOM K-A ±1130 SF
CLASSROOM K-B ±1130 SF
CORRIDOR HW-1F ±2212 SF
STORAGE 39C ±48 SF
STAGE 27 ±1106 SF
STORAGE 27A ±405 SF
CAFETERIA 26 ±4518 SF
BIG GYMNASIUM 30 ±3831 SF
GIRLS' RESTROOM 26A ±93 SF
STORAGE ROOM 26D ±461 SF
TECH OFFICE 27C ±326 SF
CORRIDOR HW-B ±736 SF
LIFT 28 ±161 SF
SMALL GYMNASIUM 29 ±1755 SF
GYMNASIUM STORAGE 29A ±126 SF
LIFT D-13 ±102 SF
CLOSET 26B ±126 SF
STORAGE OS-2 ±132 SF
STORAGE OS-1 ±244 SF
CUSTODIAL OFFICE 22 ±446 SF
JAN. CLOSET 24A ±21 SF
RESTROOM 22A ±58 SF
BOYS' RESTROOM 23 ±109 SF
BOILER ROOM 22B ±1741 SF
STORAGE 24A ±205 SF
KITCHEN 24 ±999 SF
JAN. CLOSET 23A ±58 SF

GENERAL NOTES

1. SEE DRAWING PE-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS (INCLUDING HVAC EQUIPMENT ELECTRICAL CHARACTERISTICS, FEEDER SIZE, PANEL FED FROM, BREAKER SIZE, ETC.) PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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5. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.

X. ELECTRICAL KEYED NOTES

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2. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT RUN FROM THE EXISTING PANEL AND LABEL WIRING WITH WHAT IT SERVES AND NOTE ALL CIRCUIT BREAKER SIZES AND NUMBER OF POLES FOR EACH CIRCUIT. THE FEED AND BRANCH CIRCUIT WIRING SHALL BE CAREFULLY DISCONNECTED FROM THE BREAKERS AND OR LUGS AND MADE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL INTERIOR AND PANEL COVER PLATE. A NEW PANEL INTERIOR KIT AND PANEL COVER PLATE SHALL BE INSTALLED UNDER THE NEW WORK BASED ON THE SCHEDULE PROVIDED ON THE NEW WORK DRAWINGS.

1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN - PART 'A'
SCALE: 1/16" = 1'-0"

PROJECT NORTH

PART B
MATCH LINE A
PART A

2 KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
JEFFERY L. CZAJKA, P.E.
Exp. Date
NY PROFESSIONAL ENGINEER Lic. No. 072453
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No: SMSD2505 | DATE: OCTOBER 2026 | SCALE: AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT E ELECTRICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
ELECTRICAL FIRST FLOOR DEMOLITION PLAN - PART 'A'

DRAWING No.
PE-ED 100.00

GENERAL NOTES

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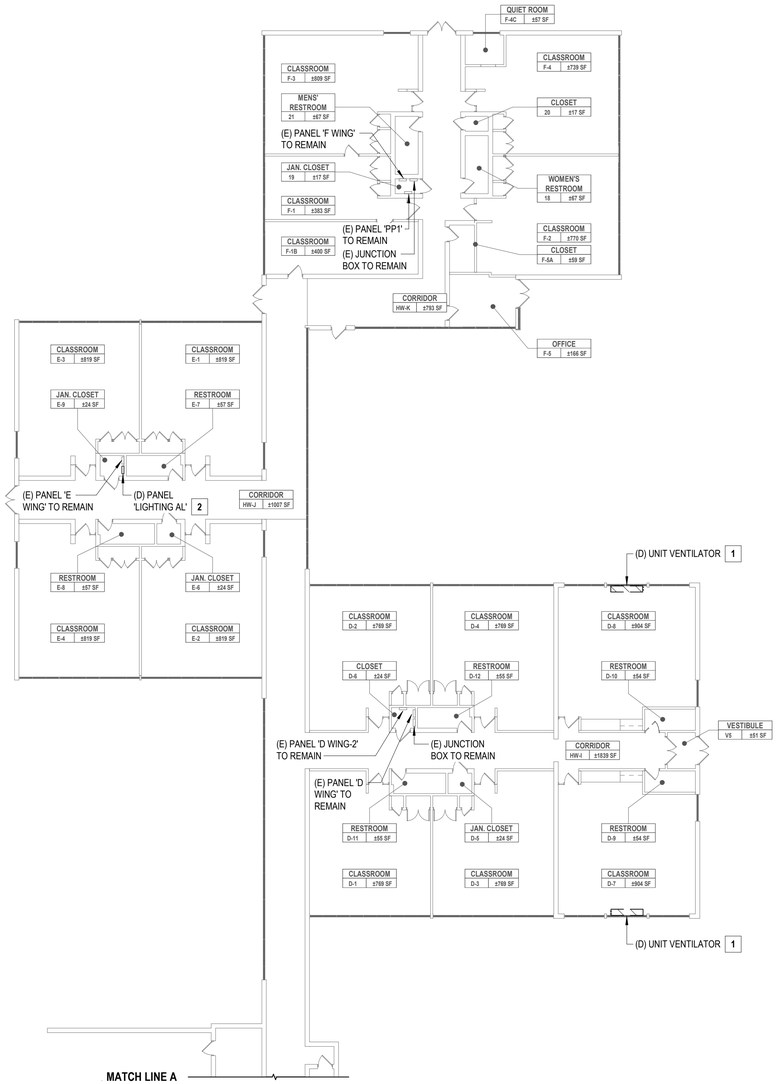
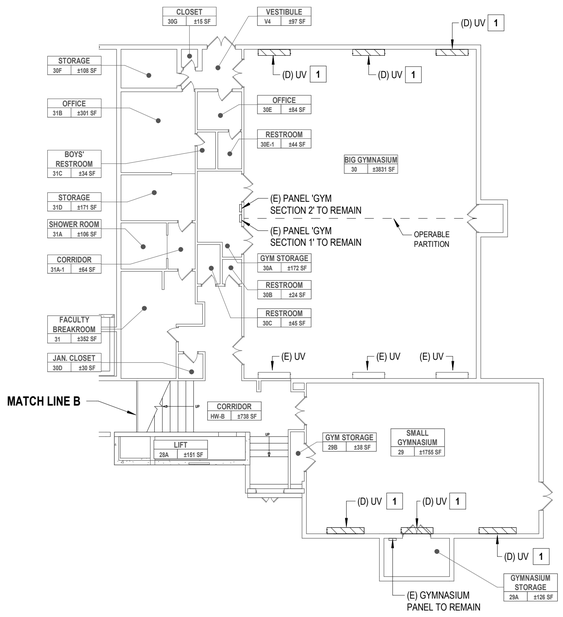
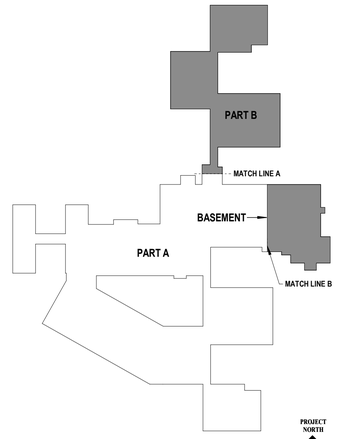


1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN - PART 'B'
SCALE: 1/16" = 1'-0"



2 ELECTRICAL BASEMENT DEMOLITION PLAN
SCALE: 1/16" = 1'-0"



2 KEY PLAN
SCALE: 1" = 100'-0"

H 2 M architects + engineers

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White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL FIRST FLOOR & BASEMENT DEMOLITION PLAN - PART 'B'

DRAWING No.

PE-ED 101.00

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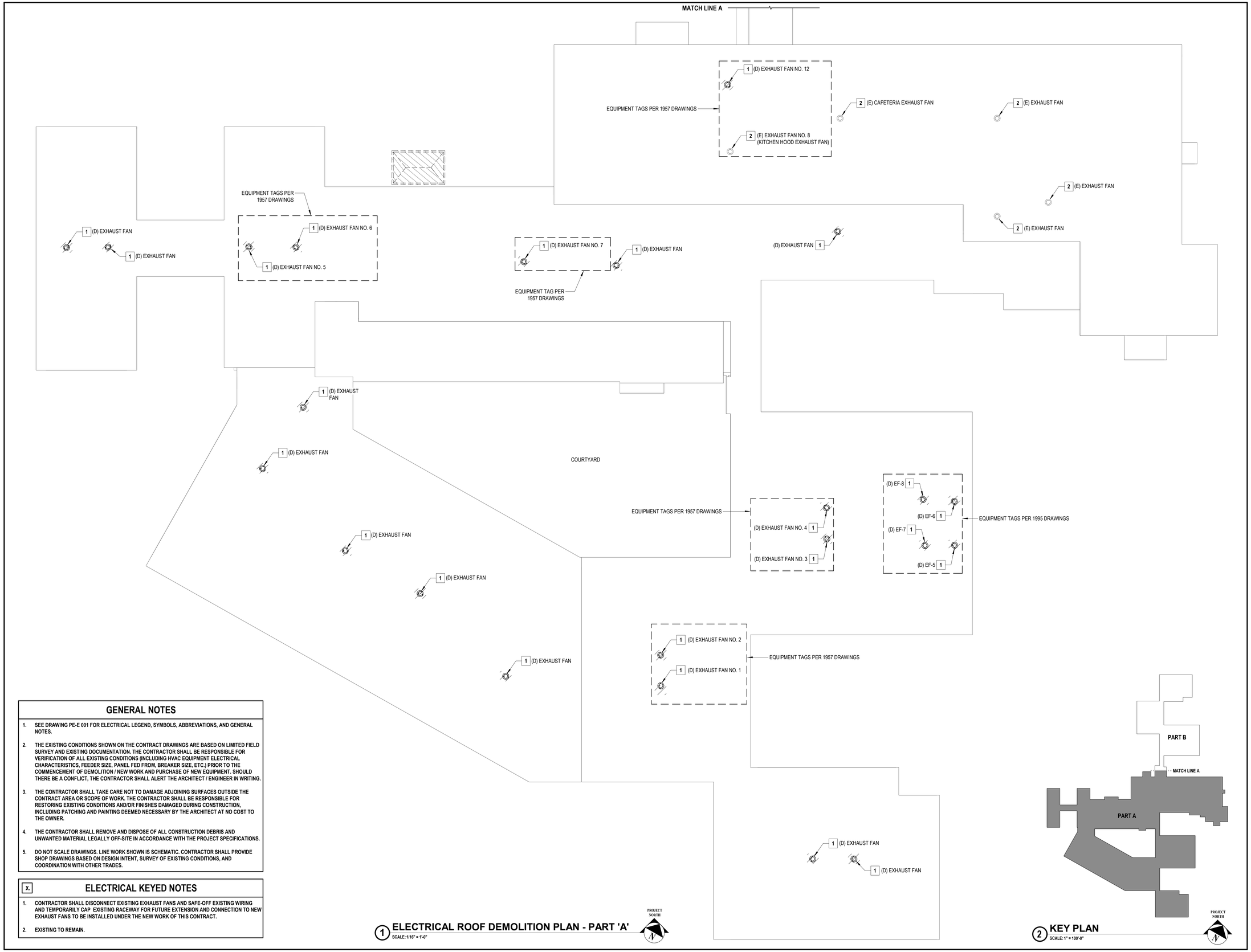

GENERAL NOTES

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2. EXISTING TO REMAIN.

1 ELECTRICAL ROOF DEMOLITION PLAN - PART 'A'
SCALE: 1/16" = 1'-0"

2 KEY PLAN
SCALE: 1" = 100'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date
JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073251
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT E ELECTRICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
ELECTRICAL ROOF DEMOLITION PLAN - PART 'A'

DRAWING No.
PE-ED 102.00

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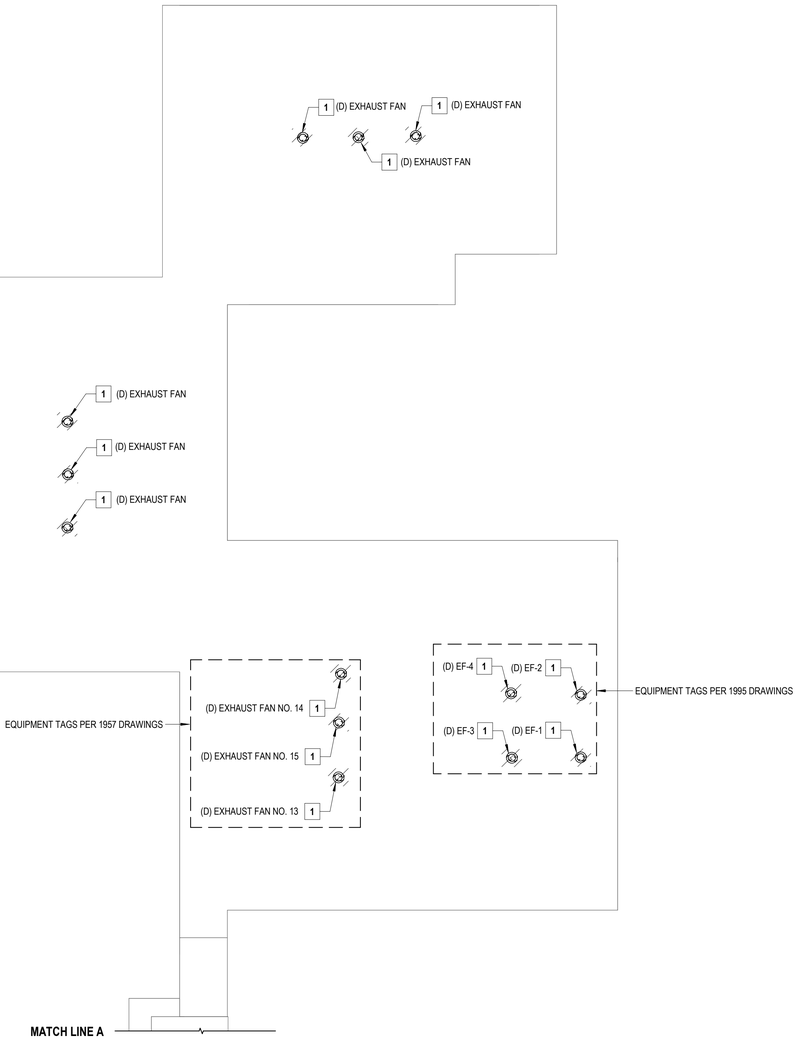

1 ELECTRICAL ROOF DEMOLITION PLAN - PART 'B'

SCALE: 1/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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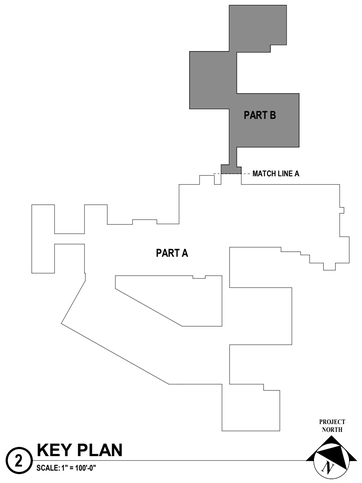

2 KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

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White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 075825

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT E ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL ROOF DEMOLITION PLAN - PART 'B'

DRAWING No.

PE-ED 103.00

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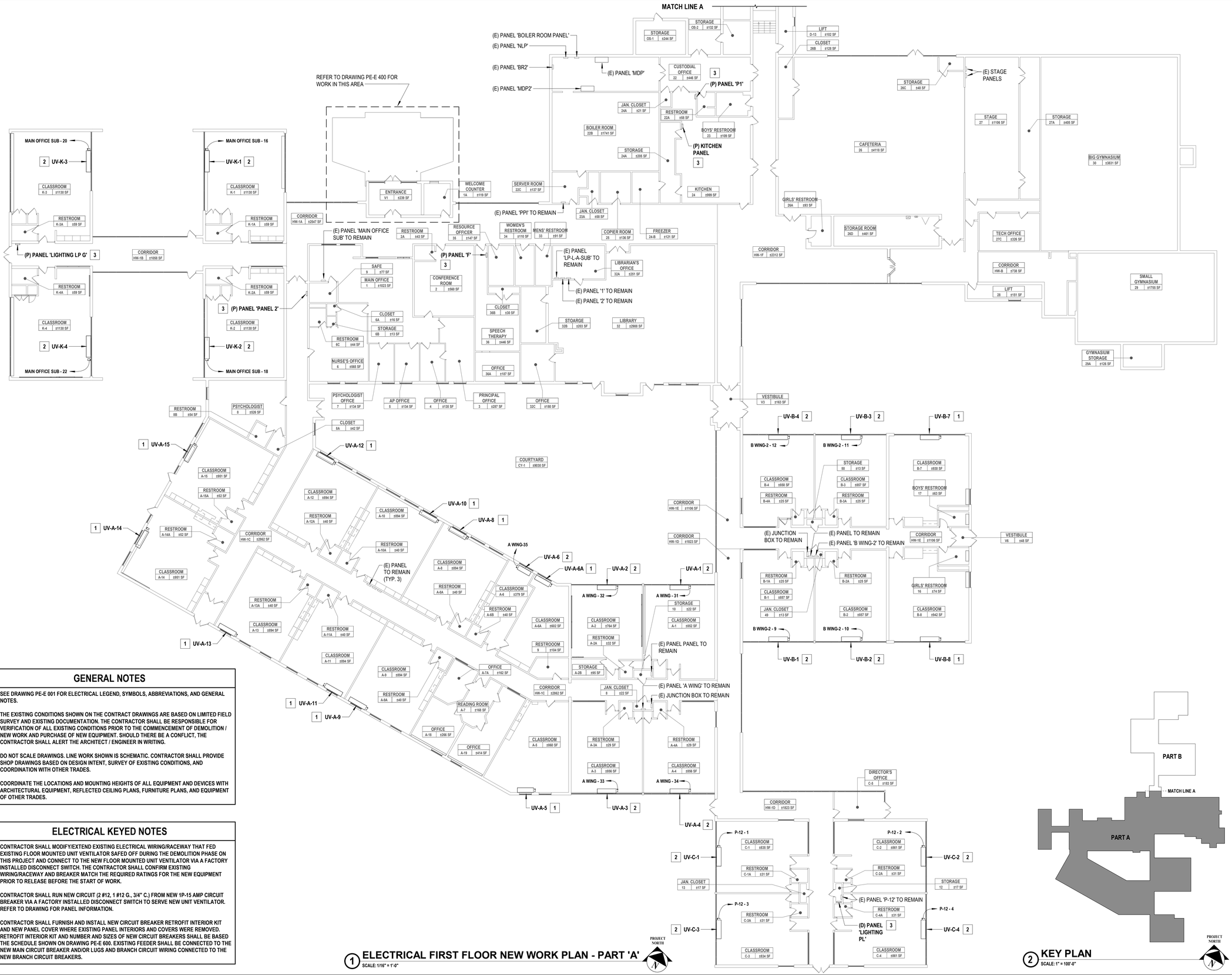

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4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.

X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FED EXISTING FLOOR MOUNTED UNIT VENTILATOR SAFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THE NEW FLOOR MOUNTED UNIT VENTILATOR VIA A FACTORY INSTALLED DISCONNECT SWITCH. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE BEFORE THE START OF WORK.
2. CONTRACTOR SHALL RUN NEW CIRCUIT (2 #12, 1 #12 G., 3/4" C.) FROM NEW 1P-15 AMP CIRCUIT BREAKER VIA A FACTORY INSTALLED DISCONNECT SWITCH TO SERVE NEW UNIT VENTILATOR. REFER TO DRAWING FOR PANEL INFORMATION.
3. CONTRACTOR SHALL FURNISH AND INSTALL NEW CIRCUIT BREAKER RETROFIT INTERIOR KIT AND NEW PANEL COVER WHERE EXISTING PANEL INTERIORS AND COVERS WERE REMOVED. RETROFIT INTERIOR KIT AND NUMBER AND SIZES OF NEW CIRCUIT BREAKERS SHALL BE BASED THE SCHEDULE SHOWN ON DRAWING PE-E 600. EXISTING FEEDER SHALL BE CONNECTED TO THE NEW MAIN CIRCUIT BREAKER AND/OR LUGS AND BRANCH CIRCUIT WIRING CONNECTED TO THE NEW BRANCH CIRCUIT BREAKERS.

1 **ELECTRICAL FIRST FLOOR NEW WORK PLAN - PART 'A'**
SCALE: 1/16" = 1'-0"

2 **KEY PLAN**
SCALE: 1" = 100'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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JEFFERY L. CZAJKA, P.E.
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
ELECTRICAL
FIRST FLOOR NEW WORK PLAN - PART 'A'

DRAWING No.
PE-E 100.00

GENERAL NOTES

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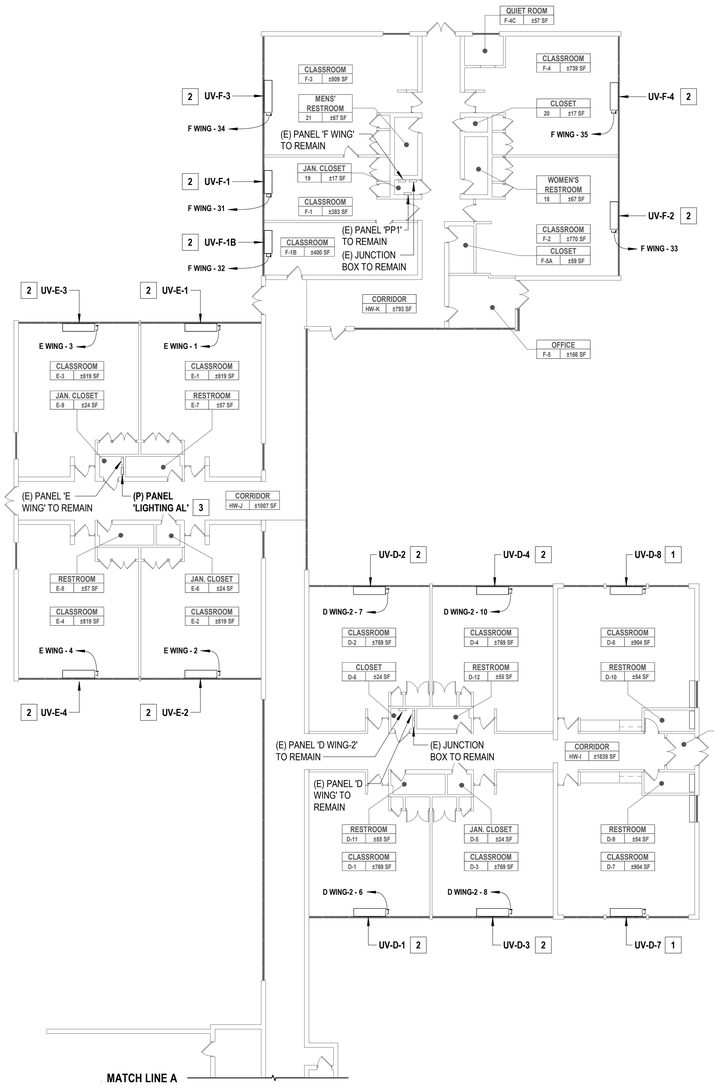
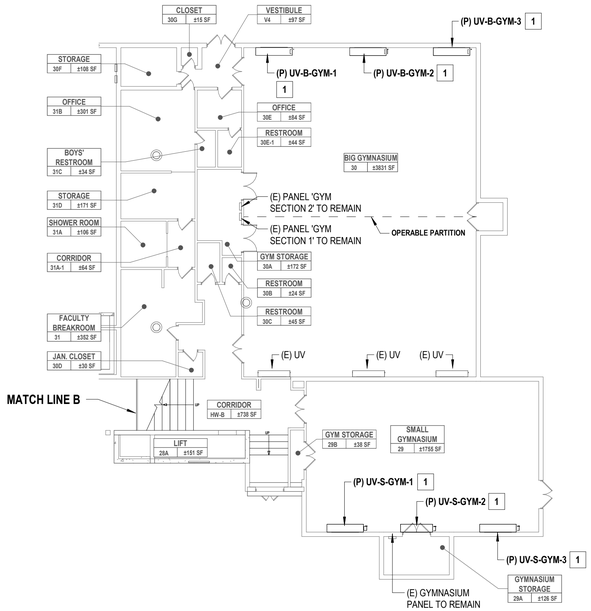
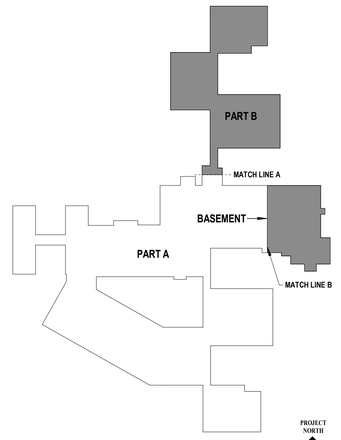


1 ELECTRICAL FIRST FLOOR NEW WORK PLAN - PART 'B'
SCALE: 1/16" = 1'-0"



2 ELECTRICAL BASEMENT NEW WORK PLAN
SCALE: 1/16" = 1'-0"



3 KEY PLAN
SCALE: 1" = 100'-0"

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL FIRST FLOOR & BASEMENT NEW WORK PLAN - PART 'B'

DRAWING No.

PE-E 101.00

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MATCH LINE A

1 (P) TX-23

2 (E) CAFETERIA EXHAUST FAN

2 (E) EXHAUST FAN

2 (E) EXHAUST FAN NO. 8
(KITCHEN HOOD EXHAUST FAN)

2 (E) EXHAUST FAN

2 (E) EXHAUST FAN

1 (P) EF-K-3,4

1 (P) TX-K-WING-2

1 (P) TX-K-WING-1

1 (P) EF-K-1,2

1 (P) TX-33,34

1 (P) EF-LIBRARY

(P) EF-9 1

REFER TO DRAWING PE-E 104
DETAIL #3 FOR WORK IN THIS AREA

(P) TX-A-WING-3 1

1 (P) TX-A-WING-2

COURTYARD

(P) EF-B-7 1

(P) TX-B-WING-2 1

(P) EF-B-3,4 1

(P) EF-B-8 1

(P) EF-B-1,2 1

(P) TX-B-WING-1 1

1 (P) EF-A-CORRIDOR

1 (P) TX-A-WING-1

1 (P) EF-A-1,2

1 (P) EF-A-3,4

1 (P) EF-A-7

1 (P) EF-C-1,3

1 (P) EF-C-2,4

GENERAL NOTES

1. SEE DRAWING PE-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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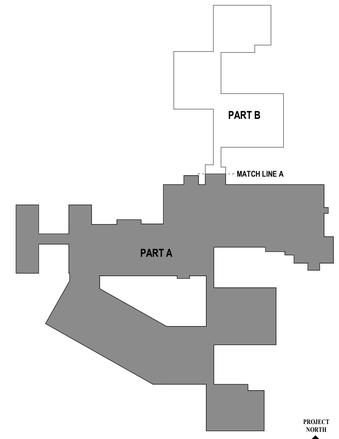
X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FED EXISTING EXHAUST FAN SAFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THE NEW EXHAUST FAN VIA A FACTORY INSTALLED DISCONNECT SWITCH. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE BEFORE THE START OF WORK.
2. EXISTING TO REMAIN.

1 ELECTRICAL ROOF NEW WORK PLAN - PART 'A'
SCALE: 1/16" = 1'-0"

PROJECT NORTH



2 KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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Exp. Date

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

**110 PRIMROSE STREET
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-002-017

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FOR BID

SHEET TITLE

**ELECTRICAL
ROOF NEW WORK PLAN - PART 'A'**

DRAWING No.

PE-E 102.00

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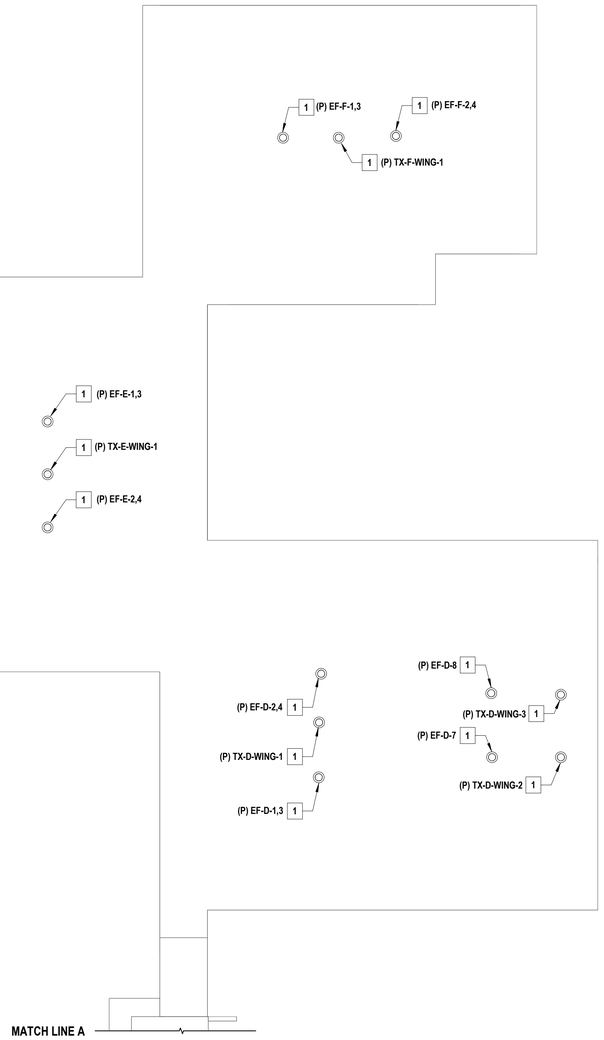

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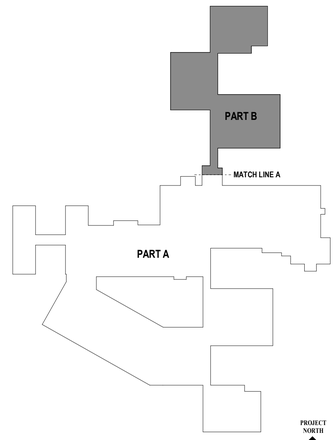

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CONTRACT

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ROOF NEW WORK PLAN - PART 'B'

DRAWING No.

PE-E 103.00

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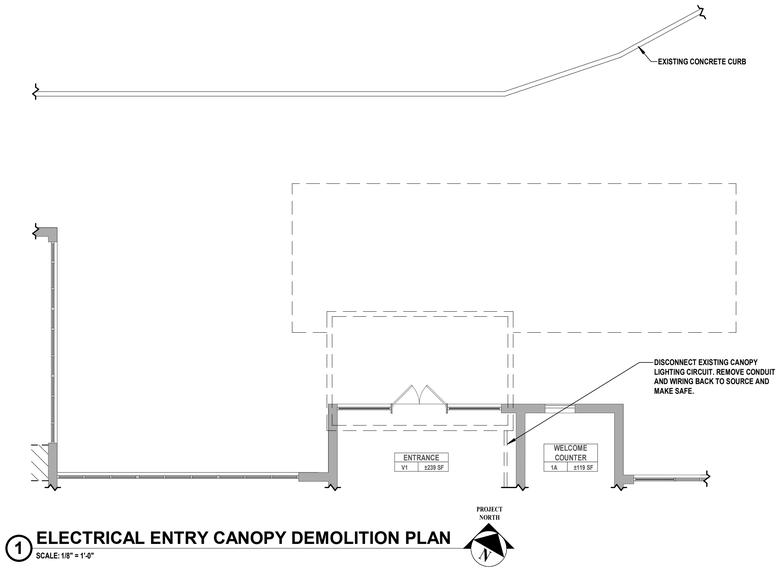
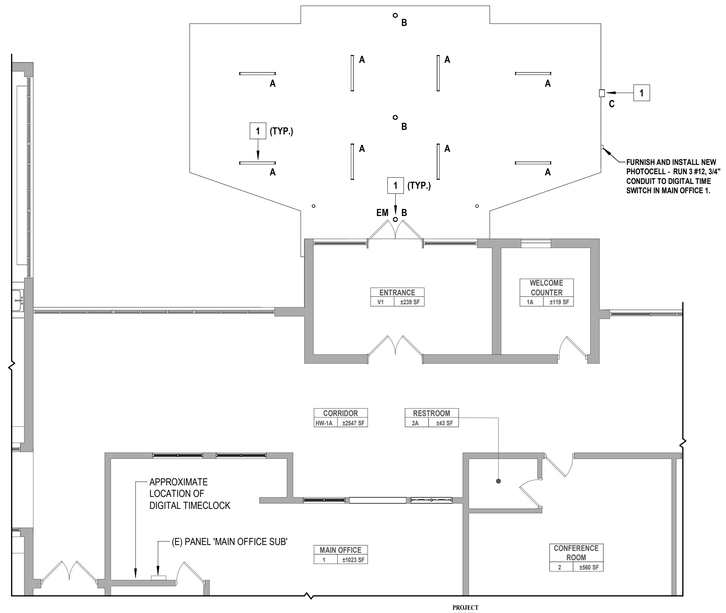


1 ELECTRICAL ENTRY CANOPY DEMOLITION PLAN

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



2 ELECTRICAL ENTRY CANOPY NEW WORK PLAN

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5. ALL CONDUIT RUN ON THE EXTERIOR OF THE BUILDING SHALL BE RIGID METAL CONDUIT (RMC) AND EXPOSED IN THE INTERIOR OF THE BUILDING SHALL BE ELECTRICAL METAL TUBING (EMT). METAL-CLAD "MC" CABLE MAY RUN ABOVE DROP CEILINGS.
6. ALL WIRING SHALL BE THHN/THWN-2 COPPER.
7. CONTRACT E SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF ELECTRICAL POWER FROM EXISTING BUILDING TO EXISTING CANOPIES PRIOR TO DEMOLITION. CIRCUITS SHALL REMAIN DE-ENERGIZED DURING CONSTRUCTION.

X. ELECTRICAL KEYED NOTES

1. THE NEW CIRCUIT (3 #12, 1 #12 G., 3/4" CONDUIT) FOR ALL CANOPY LIGHT FIXTURES SHALL BE FROM 120/208V, 100 AMP PANEL 'MAIN OFFICE SUB' RUN VIA NEW DIGITAL TIME SWITCH. PROVIDE NEW 1P-20 AMP CIRCUIT BREAKER IN SPACE #12 FOR NEW LIGHT FIXTURES. PROVIDE UNSWITCHED HOT WIRE FOR TYPE 'B' EMERGENCY LIGHT FIXTURE REMOTE BATTERY PACK.
2. A DIGITAL TIME SWITCH (TORK CAT. NO. GDLC100A-NC) SHALL BE MOUNTED ADJACENT TO PANEL 'MAIN OFFICE SUB' FOR CONTROL OF NEW CANOPY LIGHTS. PROVIDE A NEW 1P-20 AMP CIRCUIT BREAKER IN PANEL 'MAIN OFFICE SUB' SPACE #14 FOR TIME SWITCH CIRCUIT (2 #12, #12G., 3/4" CONDUIT).

LIGHTING FIXTURE SCHEDULE

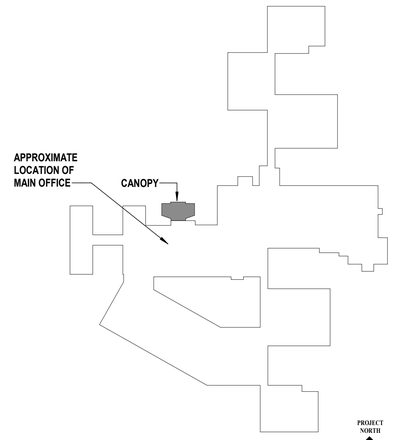
SYMBOL	TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE	FIXTURE WATTAGE
▯	A	KENALL OR APPROVED EQUAL	MLHA3-48-F-MW-PP-1000LF-35K8-DIM1-DV	3.5" X 48" LED LINEAR SURFACE MOUNTED LIGHT FIXTURE, ALUMINUM BODY, DIE CAST FLAT END CAPS, POLYCARBONATE LENS, 0-10V DIMMING DRIVER, WHITE FINISH, WET LOCATION LISTED	SURFACE	LED	120	32
○	B	THE KIRLIN COMPANY OR APPROVED EQUAL	LSR-1000L-120-80-89 EMERGENCY: LSR-1000L-120-80-89-ERH	6" X 10" DIAMETER LED CYLINDER, ALUMINUM HOUSING, MEDIUM FLOOD DISTRIBUTION, 1000 LUMEN, TEMPERED PRISMATIC LENS, SURFACE MOUNT, 0-10V DIMMING DRIVER, WHITE FINISH, WET LOCATION LISTED. EMERGENCY: REMOTE EMERGENCY BATTERY PACK (MOUNTED ABOVE DROP CEILING IN CORRIDOR)	SURFACE	LED	120	10.3
▯	C	BEACON OR APPROVED EQUAL	RWL1-48L-15-3K8-4W-UNV-DBT WP-BB-DBT	9.7" X 5" LED WALLPACK, DIE-CAST ALUMINUM HOUSING, TYPE IV WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, 2000 LUMENS, DARK BRONZE MATTE TEXTURED FINISH, SURFACE MOUNTING PLATE, WET LOCATION LISTED.	WALL	LED	120	14.5

NOTES:

1. VERIFY CEILING TYPE AND OPERATING VOLTAGE BEFORE ORDERING LIGHTING FIXTURES. COORDINATE COMPATIBILITY OF FIXTURES WITH CANOPY CONSTRUCTION FOR AVAILABLE SPACE, CLEARANCE, ACCESSIBILITY, ETC.
2. THE LIGHTING MANUFACTURERS AND CATALOG NUMBERS INDICATED IN THE ABOVE LIGHTING FIXTURE SCHEDULE REPRESENT THE BASIS OF DESIGN SELECTIONS FOR THIS PROJECT AND COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) LIGHTING LIBRARY ILLUMINATION LEVEL REQUIREMENTS AND ASHRAE 90.1-2019. SHOULD THE CONTRACTOR ELECT TO SUBSTITUTE AN ALTERNATE MANUFACTURER FOR ANY OF THE LIGHT FIXTURE TYPES, PERFORMANCE OF THE FIXTURE IS CRITICAL AND PROVIDING PHOTOMETRIC DATA IS AMONG REQUIREMENTS IN DETERMINING WHETHER THE SUBMITTED LIGHT FIXTURE CAN PROVIDE THE REQUIRED NORMAL AND EMERGENCY LIGHTING ILLUMINATION LEVELS BASED ON THE QUANTITY AND LOCATIONS OF THE LIGHT FIXTURES INDICATED ON THE CONTRACT LIGHTING PLAN DRAWINGS.

EMERGENCY TYPE LEGEND:

○ EM
FIXTURES WITH SUBSCRIPT 'EM' SHALL INCLUDE AN INTEGRAL OR REMOTE EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.



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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
JEFFERY L. CZAJKA, P.E. Exp. Date
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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT
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ELECTRICAL ENLARGED CANOPY PLANS

DRAWING No.
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COPPER BRANCH CIRCUIT WIRE SIZING TABLES - 208V - 3% VOLTAGE DROP													
		208V, 3P, 3W			208V, 2P, 2W				120V, 1P, 2W					
C/B TRIP		120/208V, 3P, 4W			120/208V, 2P, 3W									
15	DISTANCE IN FEET	177	273	429	153	236	371	578	88	136	214	333	500	625
	MINIMUM WIRE SIZE	12	10	8	12	10	8	6	12	10	8	6	4	3
20	DISTANCE IN FEET	132	205	322	115	177	279	433	66	102	161	250	375	469
	MINIMUM WIRE SIZE	12	10	8	12	10	8	6	12	10	8	6	4	3
30	DISTANCE IN FEET	136	214	334	118	186	289	433	68	107	167	250	313	375
	MINIMUM WIRE SIZE	10	8	6	10	8	6	4	10	8	6	4	3	2
40	DISTANCE IN FEET	161	250	375	139	217	325	406	80	125	188	234	281	352
	MINIMUM WIRE SIZE	8	6	4	8	6	4	3	8	6	4	3	2	1
50	DISTANCE IN FEET	129	200	300	111	173	260	325	64	100	150	188	225	281
	MINIMUM WIRE SIZE	8	6	4	8	6	4	3	8	6	4	3	2	1
60	DISTANCE IN FEET	167	250	313	144	217	271	325	83	125	156	188	234	
	MINIMUM WIRE SIZE	6	4	3	6	4	3	2	6	4	3	2	1	
70	DISTANCE IN FEET	214	268	322	186	232	279	348	107	134	161	201		
	MINIMUM WIRE SIZE	4	3	2	4	3	2	1	4	3	2	1		
80	DISTANCE IN FEET	188	235	281	163	203	244	305	94	117	141	176		
	MINIMUM WIRE SIZE	4	3	2	4	3	2	1	4	3	2	1		
90	DISTANCE IN FEET	208	250	313	181	217	271		104	125	156			
	MINIMUM WIRE SIZE	3	2	1	3	2	1		3	2	1			
100	DISTANCE IN FEET	188	225	281	163	195	244		94	113	141			
	MINIMUM WIRE SIZE	3	2	1	3	2	1		3	2	1			

NOTES:

1. READ ACROSS TO THE RIGHT FROM C/B TRIP TO DESIRED VOLTAGE CHARACTERISTICS AND NEXT GREATER DISTANCE THAN CIRCUIT IN QUESTION.
2. READ DOWN TO MINIMUM WIRE SIZE.
3. DISTANCES ARE TO THE CENTER OF CONCENTRATED LOAD SUCH AS CLASSROOM LIGHTING OR THE MIDPOINT OF DISTRIBUTED LOAD SUCH AS CORRIDOR LIGHTING.
4. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INCREASED IN SIZE PROPORTIONATELY PER N.E.C.

NOTES TO PANELBOARD SCHEDULES AND BRANCH CIRCUIT WIRE SIZING TABLES

WIRE SIZING

UNLESS OTHERWISE INDICATED, MINIMUM WIRE AMPACITY SHALL BE GREATER THAN OR EQUAL TO THE BRANCH CIRCUIT TRIP BASED ON COPPER CONDUCTOR WITH 90-DEGREE C THHN INSULATION APPLIED AT ITS 75-DEGREE C AMPACITY.

REFER TO THE BRANCH CIRCUIT WIRE SIZING TABLES FOR DISTANCE LIMITATIONS FOR THE MINIMUM WIRE SIZE AND FOR SELECTING THE PROPER WIRE SIZE FOR THE DISTANCE AND VOLTAGE DROP INVOLVED.

NUMBER OF CONDUCTORS

UNLESS OTHERWISE INDICATED, QUANTITIES OF WIRES SHALL BE BASED ON AN INDIVIDUAL HOMERUN FOR EACH CIRCUIT AS FOLLOWS.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
1 POLE CIRCUIT	1	1	1	0
1 POLE DATA/ COMPUTER CIRCUIT	1	1	1	1
2 POLE CIRCUIT	2	1	1	0
3 POLE CIRCUIT	3	1	1	0
3 POLE MOTOR CIRCUIT DELTA	3	0	1	0
3 POLE MOTOR CIRCUIT WYE	3	1	1	0

CONSECUTIVE INDIVIDUAL 20 AMP LINE TO NEUTRAL BRANCH CIRCUITS MAY NOT BE COMBINED INTO MULTIWIRE BRANCH CIRCUITS HAVING HOMERUNS WITH A COMMON NEUTRAL CONDUCTOR.

SINGLE PHASE, TWO POLE, TWO WIRE, LINE TO LINE, BRANCH CIRCUITS AND SINGLE PHASE, TWO POLE, THREE WIRE, LINE TO LINE PLUS NEUTRAL, BRANCH CIRCUITS SHALL HAVE INDIVIDUAL UNCOMBINED HOMERUNS.

COMBINED TWO AND THREE CIRCUIT HOMERUNS SHALL HAVE SEPARATE NEUTRALS FOR EACH CIRCUIT BUT A COMMON EQUIPMENT GROUNDING CONDUCTOR AND A COMMON ISOLATED GROUNDING CONDUCTOR MAY BE USED.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
TWO 1 POLE HOMERUNS	2	2	1	0
TWO 1 POLE DATA/COMP. CIRCUIT HOMERUNS	2	2	1	1
THREE 1 POLE HOMERUNS	3	3	1	0
THREE 1 POLE DATA/COMP. CIRCUIT HOMERUNS	3	3	1	1

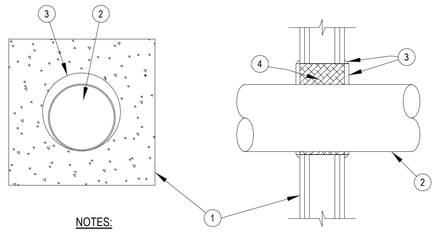
WIRE DERATING

1. COMBINED HOMERUNS SHALL HAVE THE MINIMUM BRANCH CIRCUIT WIRE SIZE INCREASED IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL ADJUSTMENT FACTORS FOR NUMBER OF CURRENT CARRYING CONDUCTORS IN A RACEWAY.
2. NEUTRAL CONDUCTORS FOR FLUORESCENT AND HIGH INTENSITY DISCHARGE LIGHTING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.
3. INDIVIDUAL NEUTRAL CONDUCTOR FOR COMBINED HOMERUNS FOR DATA / COMPUTER OUTLETS ARE CURRENT CARRYING CONDUCTORS.
4. NEUTRAL CONDUCTORS FOR DIMMING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.

RACEWAY SIZING

1. ALL RACEWAYS SHALL BE SIZED IN ACCORDANCE WITH THE CURRENT NATIONAL ELECTRICAL CODE IN EFFECT AS A MINIMUM SIZE. THE MORE COMMON SIZES ARE INCLUDED HERE FOR THE CONTRACTOR'S CONVENIENCE.

WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE	WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE
12	3	3/4"	8	3	3/4"
12	4	3/4"	8	4	3/4"
12	5	3/4"	8	5	3/4"
12	6	3/4"	8	6	1"
12	7	3/4"	8	7	1"
12	8	3/4"	8	8	1"
10	3	3/4"	6	3	3/4"
10	4	3/4"	6	4	3/4"
10	5	3/4"	6	5	1"
10	6	3/4"	6	6	1"
10	7	3/4"	6	7	1-1/4"
10	8	3/4"	6	8	1-1/4"

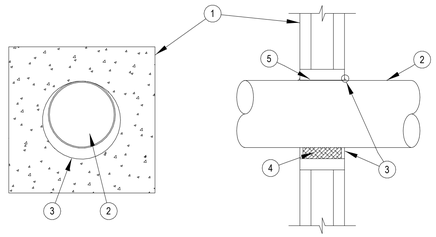


NOTES:

1. RATED GYPSUM WALL BOARD ASSEMBLY.
2. MAXIMUM 10" TRADE SIZE STEEL CONDUIT OR EMT.
3. STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH FLUSH TO THE END OF THE SLEEVE WITH AN ADDITIONAL 1/4" CROWN APPLIED AROUND THE SLEEVE / WALL INTERFACE. ANNULUS RANGING FROM 1/8" MINIMUM TO 2 1/4" MAXIMUM.
4. STEEL SLEEVE PACKED WITH MINERAL WOOL BATT, TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.

1 OR 2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU GYPSUM BOARD WALLS

1 SCALE:NONE U.L. SYSTEM NUMBER W-L-1054



NOTES:

1. CONCRETE SLAB OR CONCRETE OVER STEEL DECK.
2. MAXIMUM 8" TRADE SIZE STEEL CONDUIT. ANNULUS RANGING FROM POINT CONTACT" TO 1.4" MAXIMUM.
3. STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH. **
4. MINERAL WOOL BATT, NOMINAL 4PCF. TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.
5. STEEL SLEEVE.

*NOTE: A MINIMUM ANNULAR SPACE OF 1/4" AND A 28 GAUGE STEEL COVER PLATE ARE REQUIRED FOR A 4 HOUR RATING.

**NOTE: AT POINT CONTACT APPLY A 3/8" COVE BEAD OF SEALANT BETWEEN PIPE AND BOTH SURFACES OF WALL.

2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU MASONRY WALLS

2 SCALE:NONE U.L. SYSTEM NUMBER C-AJ-1150

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2026
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 075825

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT E ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL DETAILS

DRAWING No.

PE-E 500.00

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PANEL INFORMATION					ELECTRICAL DATA						BREAKER SIZES										PANEL DIMENSIONS			NOTES
PANEL NAME	PANEL LOCATION		EXISTING MANUFACTURER	MOUNTING	VOLTAGE	PHASE	AMPS	MLO / MCB	MCB (IF APPLICABLE)	SPACES	1 POLE			2 POLE		3 POLE					WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	
	ROOM NAME	ROOM NUMBER									15A	20A	SPACE	20A	30A	20A	30A	100A	SPACE				
PANEL 'F'	SPEECH THERAPY	36	EMPIRE	FLUSH	120/208	3	100A	MCB	100A	30	23	5	-	-	1	-	-	-	-	22	36	-	
'PANEL 2'	A-WING CORRIDOR	HW-1C	EMPIRE	FLUSH	120/208	3	100A	MCB	100A	34	14	11	-	3	-	-	-	1	-	22	39	-	
PANEL 'LIGHTING LP G'	K-WING CORRIDOR	HW-1B	WESTINGHOUSE	FLUSH	120/208	3	100A	MCB	100A	20	15	1	1	-	-	-	1	-	-	17	32	-	
KITCHEN PANEL	KITCHEN	24	EMPIRE	FLUSH	120/208	3	250A	MCB	N/A	30	-	-	-	-	-	7	-	2	1	19	57	-	PANEL IS BROKEN INTO TWO SECTIONS. BREAKER SIZES SHOWN ON THIS LINE REPRESENT THE TOP SECTION.
										14	8	3	1	1	-	-	-	-	-				PANEL IS BROKEN INTO TWO SECTIONS. BREAKER SIZES SHOWN ON THIS LINE REPRESENT THE BOTTOM SECTION.
PANEL 'LIGHTING PL'	STORAGE	12	WESTINGHOUSE	SURFACE	120/208	1	100A	MCB	100A	24	21	3	-	-	-	-	-	-	-	20	41	7	
PANEL 'LIGHTING AL'	JAN. CLOSET	E-9	WESTINGHOUSE	SURFACE	120/208	1	100A	MCB	100A	24	21	3	-	-	-	-	-	-	-	20	41	7	
PANEL 'P1'	KITCHEN	24	EMPIRE	FLUSH	120/208	3	125	MLO	-	30	26	4	-	-	-	-	-	-	-	22	30	-	

NOTE: CONTRACTOR TO FIELD VERIFY PARAMETERS LISTED AS "N/A"

1 PANEL REPLACEMENT SCHEDULE

SCALE: NONE

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL SCHEDULES

DRAWING No.

PE-E 600.00

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SOMERS CENTRAL SCHOOL DISTRICT
VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540
SED #: 66-21-01-06-0-003-023

CONTRACT G - GENERAL CONSTRUCTION
CONTRACT P - PLUMBING CONSTRUCTION
CONTRACT M - MECHANICAL CONSTRUCTION
CONTRACT E - ELECTRICAL CONSTRUCTION

LOCATION MAP



H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

SYMBOLS LEGEND

BRICK; BATT INSULATION; ROOM NUMBER DESIGNATION TAG (ROOM NAME, ROOM, 000, ± S.F., ROOM NUMBER, AREA); WINDOW ELEVATION KEY (A)

WALL TYPE (1i)

ACOUSTIC TILE CERAMIC TILE; RIGID INSULATION; DRAWING TITLE (1 Title, SCALE: 1/8" = 1'-0"); COLUMN GRID (0)

CONCRETE; GYPSUM BOARD; REVISION TAG (XX); DOOR NUMBER (1001A, 1001A)

CONCRETE BLOCK; PLYWOOD; PRIMARY CEILING HEIGHT TAG (12'-0"); SECONDARY CEILING HEIGHT TAG (1'-0" A.F.F.)

EARTH; WOOD BLOCKING; EXTERIOR ELEVATION (1, A 101); INTERIOR ELEVATION (A, A 101, A, A, A)

STEEL; WOOD; SECTION CUT (1, A 101); DETAIL KEY (Ref, 1, FAD 100)

ABBREVIATIONS

AB	ANCHOR BOLT	DS	DOWN SPOUT	MR	MOISTURE RESISTANT
A/C	AIR CONDITIONING	DW	DISHWASHER	NIC	NOT IN CONTRACT
ACI	AMERICAN CONCRETE INSTITUTE	DWG	DRAWING	NTS	NOT TO SCALE
ACP	ALUMINUM COMPOSITE PANEL	EA	EACH	OC	ON CENTER
ACT	ACOUSTICAL CEILING TILE	EL	ELEVATION	OD	OUTSIDE DIAMETER
ACU	AIR CONDITIONING UNIT	ELEC	ELECTRIC/ELECTRICAL	PLYWD	PLYWOOD
ADJ	ADJUSTABLE	ELEV	ELEVATOR	PSF	POUNDS PER SQUARE FOOT
A/E	ARCHITECT/ENGINEER	EP	ELECTRICAL PANEL	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	EPY	EPOXY COATING	PTD	PAINTED
ALUM	ALUMINUM	EQ	EQUAL	PVC	POLYVINYL CHLORIDE
ANCH	ANCHOR	EQUIP	EQUIPMENT	R	RADIUS OR RISER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EXIST	EXISTING	RCP	REFLECTED CEILING PLAN
APA	ACCESS PANEL	EXST	EXHAUST	RD	ROOF DRAIN
APPROX	APPROXIMATELY	FAI	FRESH AIR INTAKE	REINF	REINFORCED
ASPH	ASPHALT	F.A.S.	FALL ARREST SYSTEM	RM	ROOM
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	F.C.	FIRE CODE	RO	ROUGH OPENING
AWS	AMERICAN WELDING SOCIETY	FD	FLOOR DRAIN	SIM	SIMILAR
B	FIRE BLANKET	FIN	FINISH	SPEC	SPECIFICATIONS
BAL	BALANCE	FR	FIRE RATED	SQ	SQUARE
BB	BULLETIN BOARD	FTG	FOOTING	SS	STAINLESS STEEL
BD	BOARD	GA	GAUGE	STL	STEEL
BLDG	BUILDING	GWB	GYPSUM WALL BOARD	TEMP	TEMPERATURE
BLK	BLOCK	GYP	GYPSUM	TER	TERRAZZO
BLKG	BLOCKING	FYP. BD.	GYPSUM BOARD	THK	THICK
BM	BEAM	HC	HANDICAPPED	T.O.	TOP OF
B.O.	BOTTOM OF	HM	HOLLOW METAL	TYP	TYPICAL
BOL	BOTTOM OF LINTEL	HOR	HORIZONTAL	UTIL	UTILITY
BOT	BOTTOM	HW	HOT WATER	U.O.N.	UNLESS OTHERWISE NOTED
CEIL	CEILING	INSUL	INSULATION/INSULATING	VB	VAPOR BARRIER
CEM	CEMENT	INT	INTERIOR	VCT	VINYL COMPOSITION TILE
CER	CERAMIC	LAV	LAVATORY	VTR	VENT THRU ROOF
CLO	CLOSET	LDR	LEADER	WC	WATER CLOSET
CMU	CONCRETE MASONRY UNIT	LT	LIGHT	WH	WATER HEATER
COL	COLUMN	MAX	MAXIMUM	WWF	WELDED WIRE FABRIC
CONC	CONCRETE	MECH	MECHANICAL		
CONST	CONSTRUCTION	MFR	MANUFACTURER		
CONT	CONTINUOUS	MISC	MISCELLANEOUS		
CORR	CORRIDOR	MO	MASONRY OPENING		
CPT	CARPET				

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AS WELL AS THE NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS.
2. ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT.
4. DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOUT OF THE WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK.
5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS AND STATUTES AS REQUIRED. STRICTLY ADHERE TO MANUFACTURER'S PRINTED INSTRUCTIONS.
6. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
7. DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION, UNLESS NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE DAMAGED DURING CONSTRUCTION.
8. EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.
9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.
10. THE CONTRACTOR SHALL MAINTAIN AT THE SITE ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION.
11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.
12. THE CONTRACTOR BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT THEY HAVE INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER PRIOR TO THE SUBMISSION OF BIDS. FAILURE TO DO SO WILL NOT RESULT IN A CHANGE TO THE CONTRACT PRICE IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE ALL NECESSARY ACCOMMODATIONS TO COMPLETE THE SCOPE OF WORK.
13. CONTRACTORS SHALL POST A COPY OF THE PERMIT ISSUED BY THE N.Y.S. EDUCATION DEPARTMENT DURING THE ENTIRE DURATION OF PROJECT.
14. FOLLOW MANUFACTURER RECOMMENDATIONS FOR ALL HARDWARE AND FASTENERS INTO TREATED WOODS AND METALS.
15. THESE DRAWINGS SERVE AS A GRAPHICAL REPRESENTATION OF THE INTENDED SCOPE OF THE WORK, AND CONSTITUTE ONE PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS.

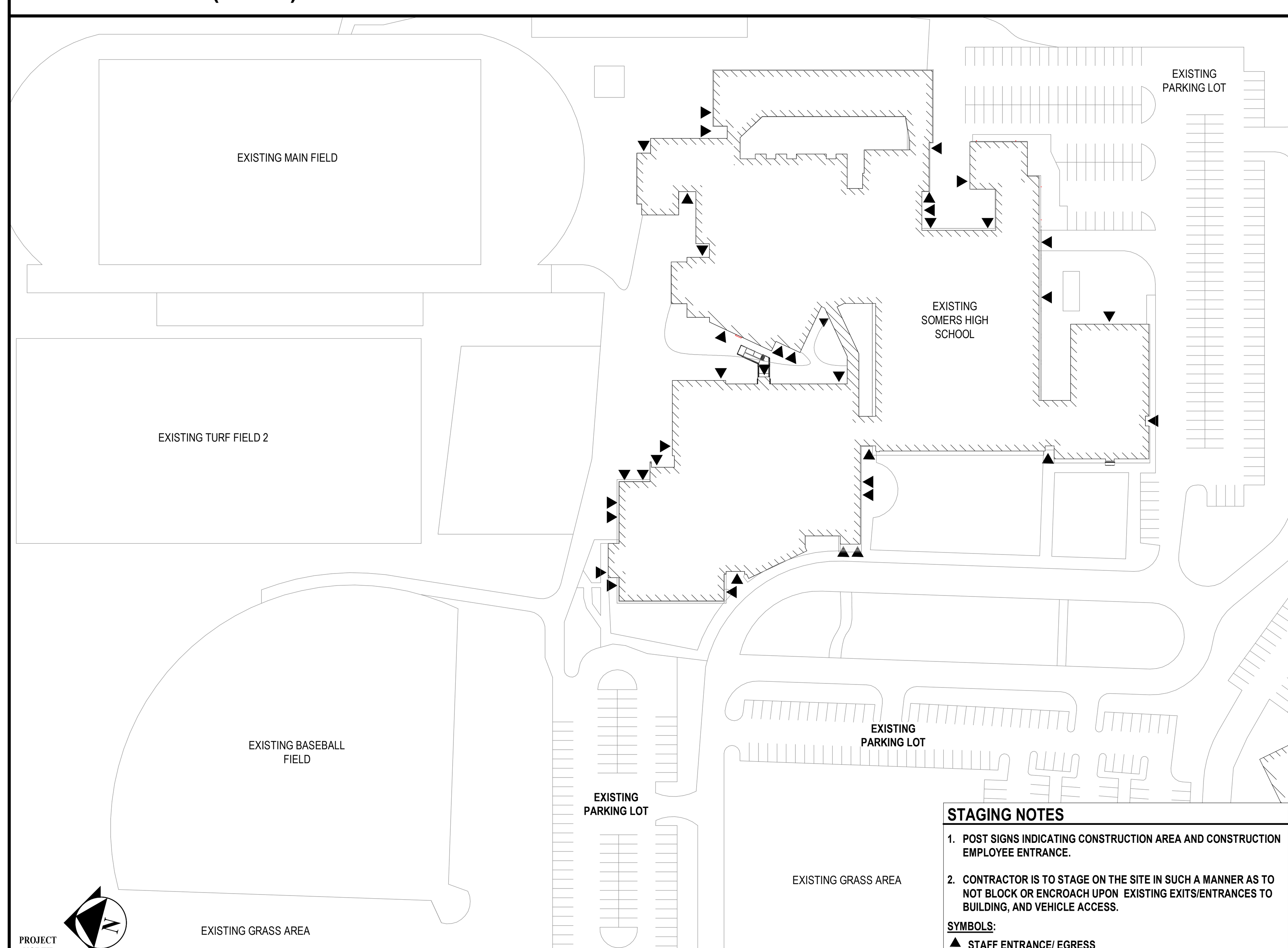


09/30/2029 Exp. Date
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
L. RAUSCHER	L. RAUSCHER	S. MANDIC	L. FEELEY

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

STAGING PLAN (N.T.S.)



STAGING NOTES

1. POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE.
2. CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS.

SYMBOLS:
▲ STAFF ENTRANCE/ EGRESS

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DRAWING LIST

1) GENERAL	
HS-G 100	EXISTING BASEMENT & FIRST FLOOR PLAN | AREA A
HS-G 101	EXISTING FIRST FLOOR PLAN | AREA B
HS-G 102	EXISTING SECOND FLOOR PLAN | AREA A
HS-G 103	EXISTING SECOND FLOOR PLAN | AREA B
HS-G 110	CODE COMPLIANCE INFORMATION
2) CIVIL	
HS-CD 100	EXISTING CONDITIONS & DEMOLITION PLAN - WEST
HS-CD 101	EXISTING CONDITIONS & DEMOLITION PLAN - EAST
HS-CS 100	SITE IMPROVEMENTS PLAN - WEST
HS-CS 101	SITE IMPROVEMENTS PLAN - EAST
HS-C 500	SITE DETAILS
HS-C 501	SITE DETAILS
HS-C 502	SITE DETAILS
3) ARCHITECTURE	
HS-AD 100	DEMOLITION FLOOR PLANS - AREA A
HS-AD 101	FIRST FLOOR DEMOLITION PLAN - AREA B
HS-AD 102	SECOND FLOOR DEMOLITION PLAN - AREA B
HS-AD 430	RESTROOM UPGRADES DEMOLITION PLANS
HS-AD 450	GYM EXTERIOR RAMP DEMOLITION PLAN | ALTERNATE
HS-A 100	FIRST & SECOND FLOOR CONSTRUCTION PLAN - AREA A
HS-A 101	FIRST FLOOR CONSTRUCTION PLAN - AREA B
HS-A 102	SECOND FLOOR CONSTRUCTION PLAN - AREA B
HS-A 121	BASEMENT AND FIRST FLOOR RELECTED CEILING PLANS | AREAS A & B
HS-A 122	SECOND FLOOR REFLECTED CEILING PLAN- AREA B
HS-A 130	ROOF PLAN - AREA A
HS-A 131	ROOF PLAN - AREA B
HS-A 132	ROOF ELEVATIONS
HS-A 200	EXTERIOR ELEVATIONS
HS-A 201	EXTERIOR ELEVATIONS
HS-A 202	EXTERIOR ELEVATIONS
HS-A 203	EXTERIOR ELEVATIONS
HS-A 204	EXTERIOR ELEVATIONS
HS-A 205	EXTERIOR ELEVATIONS
HS-A 400	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE A-SCIENCE
HS-A 401	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE B-SCIENCE
HS-A 402	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE C-SCIENCE-RM 108D
HS-A 403	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE D-SCIENCE-RM 112A
HS-A 404	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE E-SCIENCE-RM 116A
HS-A 405	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE F-SCIENCE-RM 118A
HS-A 406	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE G-SCIENCE-RM 121A
HS-A 407	ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES | TYPE H-SCIENCE-RM 122A
HS-A 408	TOTS ROOM ENLARGED PLANS & ELEVATIONS UPGRADES | RM 135A

HS-A 409	FASHION ROOM ENLARGED PLANS & ELEVATIONS UPGRADES | RM 136A
HS-A 410	ENLARGED KITCHEN PLANS | LEVEL 1
HS-A 430	RESTROOM UPGRADES PROPOSED PLANS
HS-A 450	GYM EXTERIOR RAMP PROPOSED PLANS AND DETAILS | ALTERNATE
HS-A 451	GYM EXTERIOR RAMP PROPOSED CONDITIONS PLAN | ALTERNATE
HS-A 500	ARCHITECTURAL DETAILS
HS-A 501	ROOF & AWNING DETAILS
HS-A 502	CASEWORK DETAILS
HS-A 503	CASEWORK DETAILS
HS-A 504	CASEWORK DETAILS
HS-A 510	WINDOW SCHEDULE AND DETAILS
HS-A 610	DOOR SCHEDULE
4) FOOD SERVICE	
HS-FS 400	FOOD SERVICE LAYOUT PLAN | FIRST FLOOR
HS-FS 401	FOOD SERVICE REFRIGERANT PIPING PLAN | FIRST FLOOR
HS-FS 402	FOOD SERVICE CONDENSATE REMOVAL PLAN | FIRST FLOOR
HS-FS 403	FOOD SERVICE ELECTRICAL PLAN | FIRST FLOOR
HS-FS 404	FOOD SERVICE SPECIAL CONDITIONS PLAN | FIRST FLOOR
5) PLUMBING	
HS-P 001	PLUMBING GENERAL NOTES, LEGEND, AND ABBREVIATIONS
HS-P 001	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
HS-P 101	FIRST FLOOR CONSTRUCTION PLAN - AREA B
HS-P 200	ENLARGEMENT PLANS
HS-P 201	ENLARGEMENT PLANS
HS-P 500	PLUMBING DETAILS
HS-P 500	DETAILS
6) ELECTRICAL	
HS-E 001	LEGENDS
HS-ED 100	BASEMENT & FIRST FLOOR DEMOLITION PLAN - AREA A
HS-ED 101	FIRST FLOOR DEMOLITION PLAN - AREA B
HS-ED 102	SECOND FLOOR DEMOLITION PLAN - AREA A
HS-ED 103	SECOND FLOOR DEMOLITION PLAN - AREA B
HS-ED 104	ROOF DEMOLITION PLAN - AREA B
HS-E 100	BASEMENT & FIRST FLOOR NEW WORK PLAN - AREA A
HS-E 101	FIRST FLOOR NEW WORK PLAN - AREA B
HS-E 102	SECOND FLOOR NEW WORK PLAN - AREA A
HS-E 103	SECOND FLOOR NEW WORK PLAN - AREA B
HS-E 104	ROOF NEW WORK PLAN - AREA B
HS-E 400	FIRST FLOOR ENLARGED KITCHEN PLANS
HS-E 401	FIRST FLOOR ENLARGED FASHION ROOM PLANS
HS-E 402	SCIENCE CLASSROOMS 107D, 108D, 109D ENLARGED PLANS
HS-E 403	SCIENCE CLASSROOMS 118A, 116A, & 112A ENLARGED PLANS

HS-E 500	DETAILS
HS-E 600	SCHEDULES
6) MECHANICAL	
HS-M 001	GENERAL NOTES, LEGENDS, AND ABBREVIATIONS
HS-MD 110	PARTIAL BASEMENT DEMOLITION PLAN
HS-MD 111	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A
HS-MD 112	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 113	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 114	PARTIAL FIRST FLOOR EXISTING PLAN - AREA B
HS-MD 115	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
HS-MD 116	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A
HS-MD 117	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 118	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 119	PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
HS-MD 120	PARTIAL ROOF DEMOLITION PLAN
HS-MD 121	PARTIAL ROOF DEMOLITION PLAN
HS-M 110	PARTIAL BASEMENT NEW WORK PLAN
HS-M 111	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA A
HS-M 112	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 113	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 114	PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B
HS-M 115	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA A
HS-M 116	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 117	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 118	PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B
HS-M 119	PARTIAL ROOF NEW WORK PLAN
HS-M 120	PARTIAL ROOF NEW WORK PLAN
HS-M 500	DETAILS
HS-M 501	DETAILS
HS-M 502	DETAILS
HS-M 600	SCHEDULES
HS-M 601	SCHEDULES
HS-M 602	SCHEDULES
HS-M 650	CONTROL DIAGRAMS
HS-M 651	CONTROL DIAGRAMS
HS-M 652	CONTROL DIAGRAMS
HS-M 653	CONTROL DIAGRAMS
HS-M 654	CONTROL DIAGRAMS

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

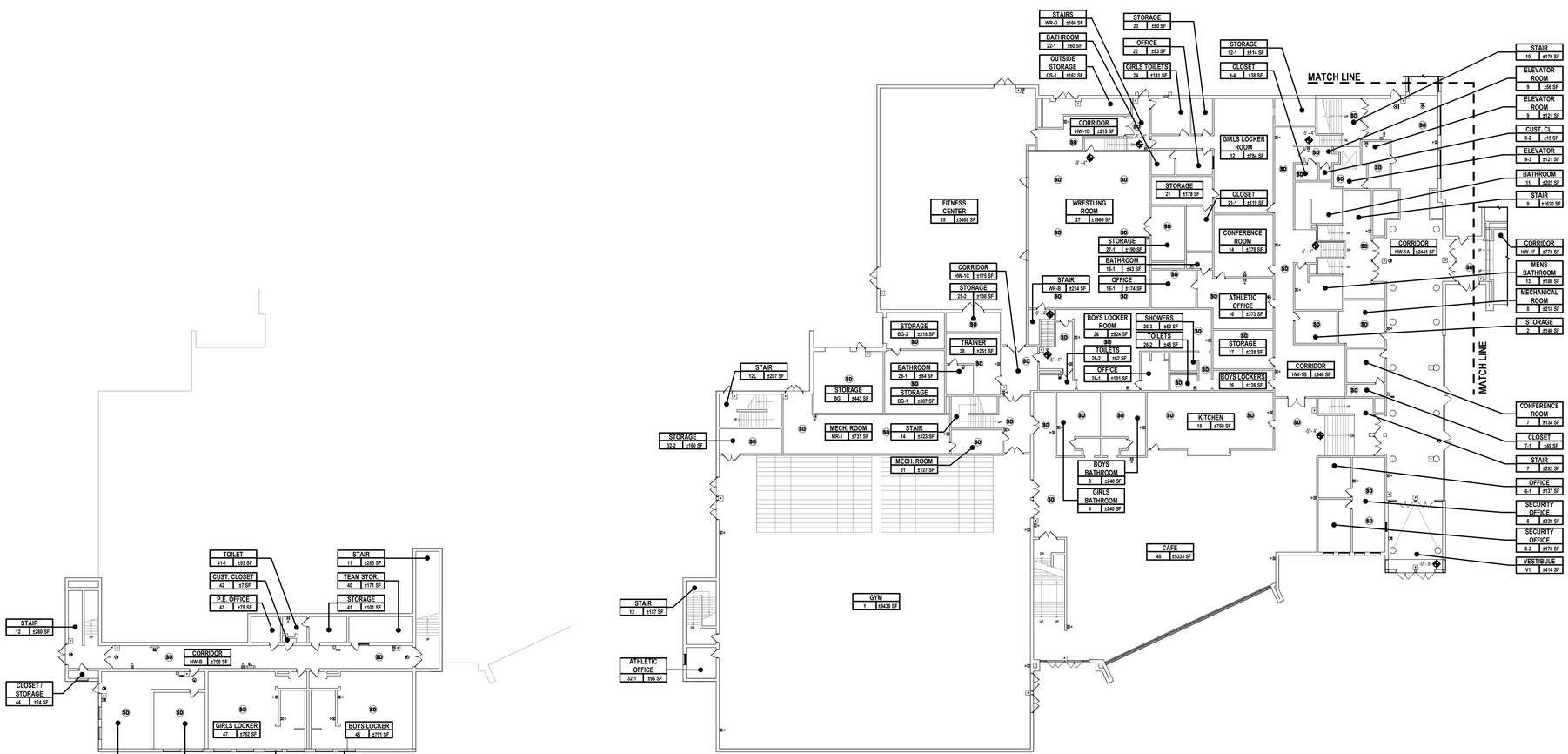
SED #: 66-21-01-06-0-003-023

CONTRACT
ALL CONTRACTS

STATUS
FOR BID

SHEET TITLE
COVER SHEET AND GENERAL NOTES

DRAWING No.
HS-G 000.00



1 EXISTING BASEMENT FLOOR PLAN

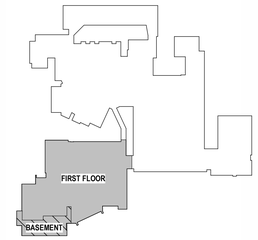
SCALE: 1" = 20'-0"

PROJECT NORTH

2 EXISTING FIRST FLOOR PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH



3 BASEMENT & FIRST FLOOR KEY PLAN - AREA A

SCALE: 1" = 160'-0"

PROJECT NORTH

LEGEND

NOT ALL SYMBOLS MAY BE USED

FE / FEC	EXISTING FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
F	EXISTING PULL STATION
ST	EXISTING FIRE ALARM STROBE
H	EXISTING HORN / STROBE COMBO
H	EXISTING FIRE ALARM HORN
H	EXISTING BELL STROBE
B	EXISTING FIRE ALARM BELL
AED	EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR
SD	EXISTING SMOKE DETECTOR
	EXISTING EXIT SIGN
EL	EXISTING EMERGENCY LIGHTING
EX EL	EXISTING EXIT SIGN AND EMERGENCY LIGHTING
R	INDICATES RESCUE WINDOW LOCATIONS
HD	EXISTING HEAT DETECTOR
CO	EXISTING CARBON MONOXIDE DETECTOR
RAL	REMOTE ALARM LAMP
CM	CONTROL MODULE
	SPOT ELEVATION

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183

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L. RAUSCHER	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

ALL CONTRACTS

STATUS

FOR BID

SHEET TITLE

EXISTING BASEMENT & FIRST FLOOR PLAN AREA A (FOR INFORMATION ONLY)

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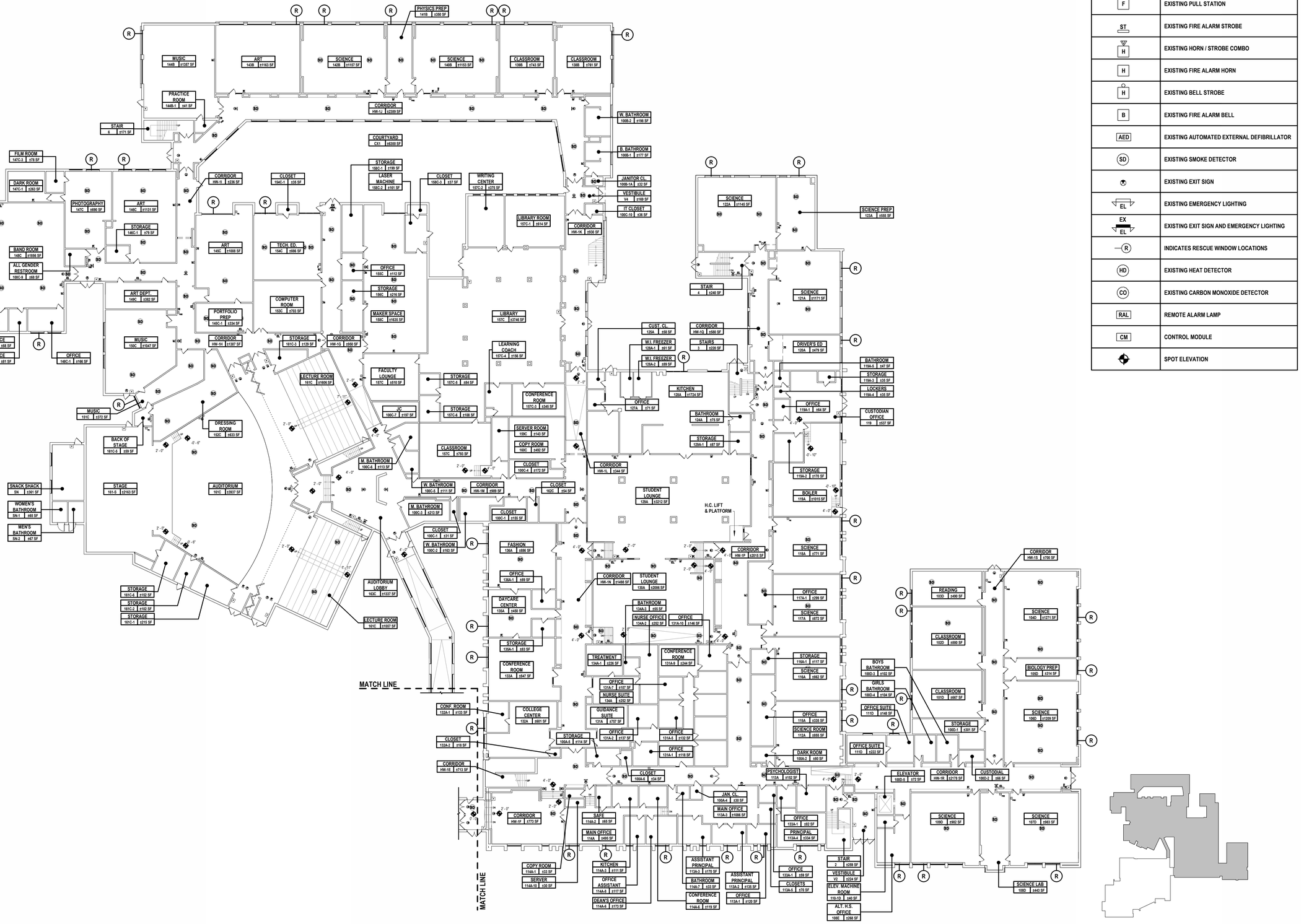

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CM	CONTROL MODULE
	SPOT ELEVATION

1 EXISTING FIRST FLOOR PLAN - AREA B
SCALE: 1" = 20'-0"

2 FIRST FLOOR KEY PLAN - AREA B
SCALE: 1" = 160'-0"

PROJECT NORTH

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CONTRACT

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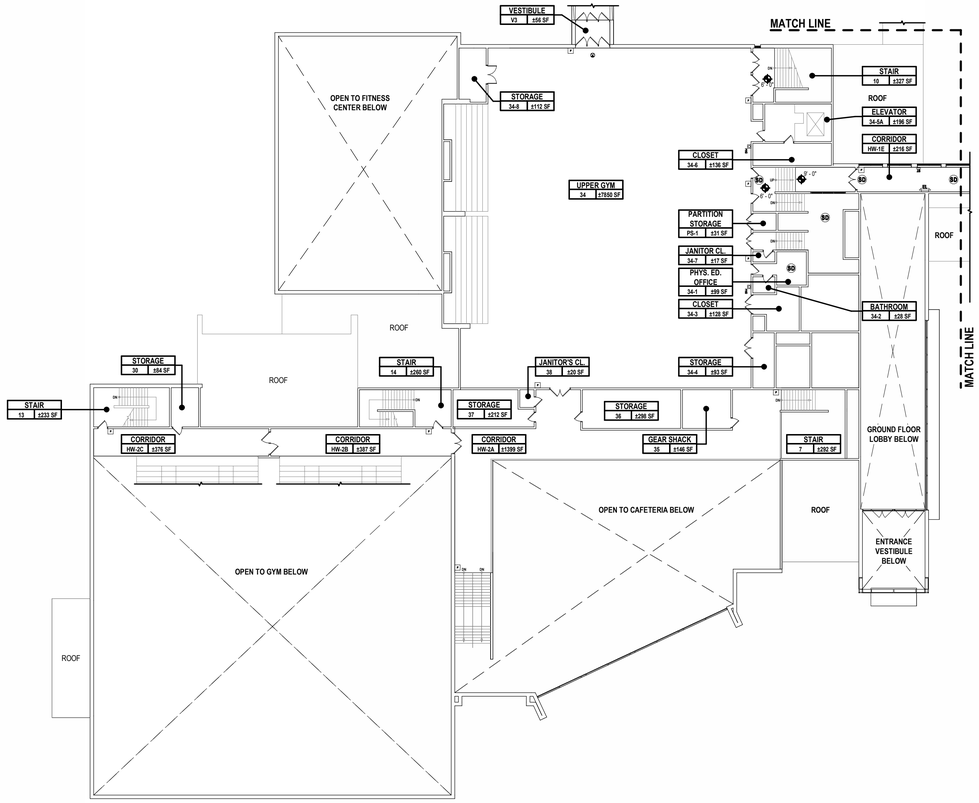

1 EXISTING SECOND FLOOR PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH

LEGEND

NOT ALL SYMBOLS MAY BE USED

FE / FEC	EXISTING FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
F	EXISTING PULL STATION
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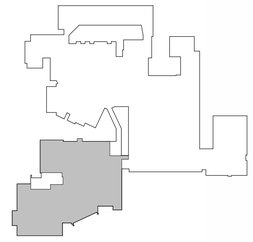

2 SECOND FLOOR KEY PLAN - AREA A

SCALE: 1" = 160'-0"

PROJECT NORTH

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CLIENT

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CONTRACT

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STATUS

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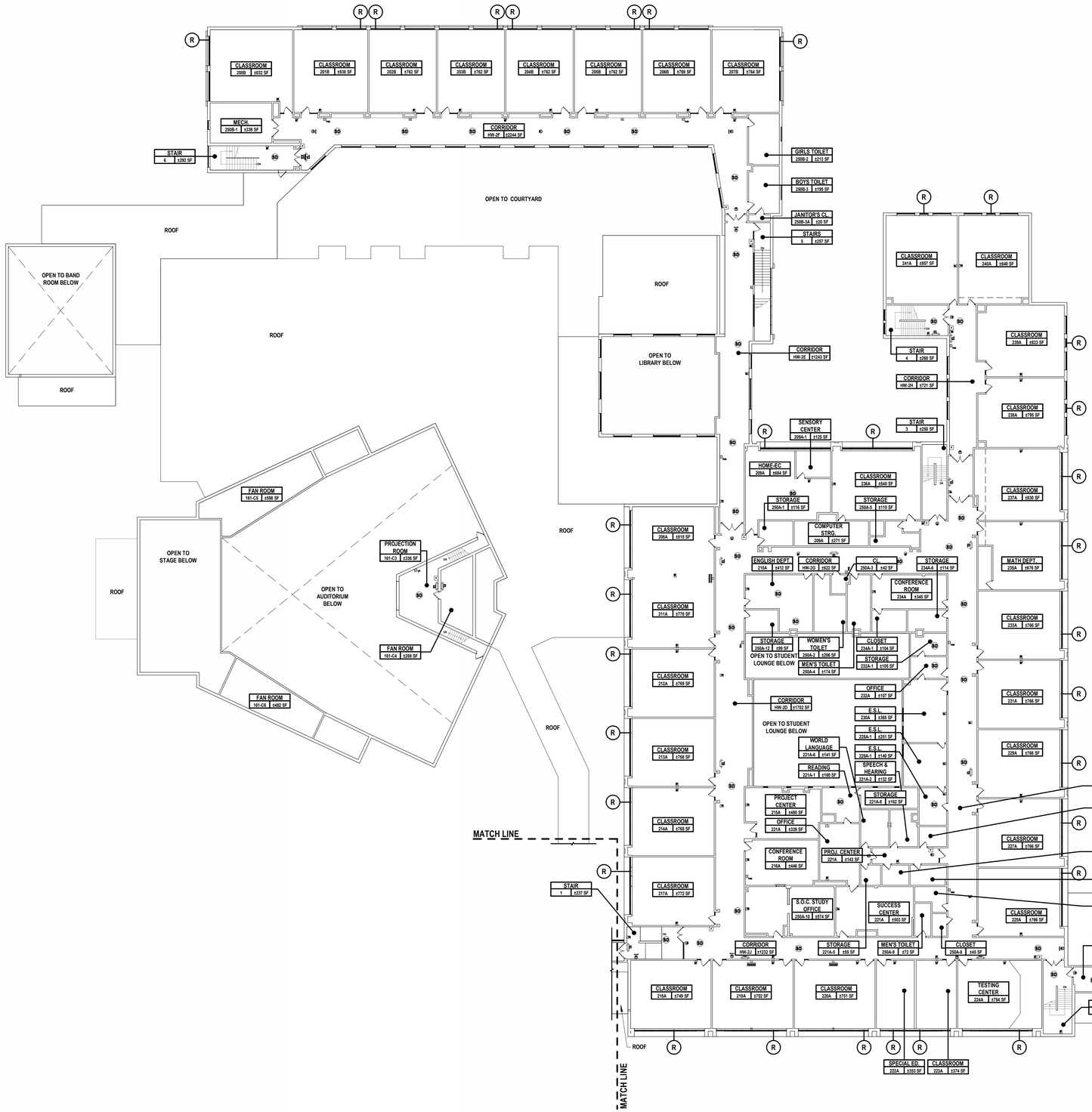

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SCALE: 1" = 20'-0"

PROJECT NORTH

2 SECOND FLOOR KEY PLAN - AREA B
SCALE: 1" = 160'-0"

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

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CONTRACT

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APPLICABLE BUILDING CODES

- NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS 2026
- 2025 EXISTING BUILDING CODE OF NEW YORK STATE
- 2025 FIRE CODE OF NEW YORK STATE
- 2025 MECHANICAL CODE OF NEW YORK STATE
- 2025 PLUMBING CODE OF NEW YORK STATE
- 2025 FUEL GAS CODE OF NEW YORK STATE
- 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- NFPA 72 - NATIONAL ELECTRICAL CODE - 2025 EDITION
- ACCESSIBLE BUILDINGS ICC/ANSI A117.1- 2017 EDITION
- AMERICAN WITH DISABILITIES ACT

2025 EXISTING BUILDING CODE OF NEW YORK STATE COMPLIANCE & PROJECT SCOPE

ALTERATION - LEVEL 1

EBCNYS CHAPTER 6 - CLASSIFICATION OF WORK

SECTION 602- ALTERATION - LEVEL 1

602.1 SCOPE: LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

602.2 APPLICATION: LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

EBCNYS CHAPTER 7 - ALTERATIONS - LEVEL 1

SECTION 701 - GENERAL

701.1 SCOPE: LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

ALTERATION WORK AT THIS BUILDING CONSISTS OF THE FOLLOWING:

INTERIOR
1. REPLACEMENT OF PANEL BOARDS
2. FLOORING AND CEILING UPGRADES
3. BATHROOM UPGRADES
4. CLASSROOM UPGRADES - CASEWORK AND RADIATOR COVERS
5. REPLACEMENT OF KITCHEN FREEZERS
6. GYM AND LOCKER ROOM UPGRADES

EXTERIOR
1. BUILDING WEATHERIZATION
2. BUILDING ENVELOPE UPGRADES
3. REPLACEMENT OF EXTERIOR DOORS AT GYM RAMP
4. REPLACEMENT OF ANTIQUATED WINDOWS

ALTERATION - LEVEL 2

EBCNYS CHAPTER 6 - CLASSIFICATION OF WORK

SECTION 603- ALTERATION - LEVEL 2

603.1 SCOPE: LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATIONS OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

603.2 APPLICATION: LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS THE PROVISIONS OF CHAPTER 8.

EBCNYS CHAPTER 8 - ALTERATIONS - LEVEL 2

SECTION 801 - GENERAL

801.1 SCOPE: LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

ALTERATION WORK AT THIS BUILDING CONSISTS OF THE FOLLOWING:

INTERIOR
1. NEW AIR CONDITIONING EQUIPMENT
2. NEW DOOR CLOSERS WHERE NEEDED

EXTERIOR
1. RECONFIGURATION OF EXTERIOR GYM RAMP FOR ACCESSIBILITY

2025 EBCNYS CHAPTER 7 ALTERATIONS - LEVEL 1

CODE SECTION	REQUIRED/ALLOWED	ACTUAL AND PROPOSED
SECTION 701.2 CONFORMANCE	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.	NEW WORK SHALL COMPLY WITH THE BUILDING CODE OF NEW YORK STATE
SECTION 703 FIRE PROTECTION	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.	COMPLIES.
SECTION 704 MEANS OF EGRESS	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.	COMPLIES.
SECTION 708 ENERGY CONSERVATION	LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS IT RELATES TO NEW CONSTRUCTION ONLY.	COMPLIES.

2025 EBCNYS CHAPTER 8 ALTERATIONS - LEVEL 2

CODE SECTION	REQUIRED/ALLOWED	ACTUAL AND PROPOSED
SECTION 801.2 COMPLIANCE	IN ADDITION TO THE REQUIREMENTS OF CHAPTER 8, ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7	NEW WORK SHALL COMPLY WITH THE BUILDING CODE OF NEW YORK STATE
SECTION 801.4 COMPLIANCE	NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE. EXCEPTIONS: 2. NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 806.	COMPLIES.
SECTION 802.4 BUILDING ELEMENTS AND MATERIALS	THE INTERIOR FINISH OF WALLS AND CEILINGS IN EXITS AND CORRIDORS IN ANY WORK AREA SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	COMPLIES.
SECTION 806.1 NEW INSTALLATIONS	NEWLY INSTALLED ELECTRICAL EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70 EXCEPT AS PROVIDED FOR IN SECTION 807.3 (RESIDENTIAL OCCUPANCIES).	COMPLIES.
SECTION 809.1 ENERGY CONSERVATION	LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS IT RELATES TO NEW CONSTRUCTION ONLY.	COMPLIES.

GENERAL CODE NOTES

(NYS EXISTING BUILDING CODE)

1. "THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE", IS CLASSIFIED AS AN ALTERATION LEVEL 1 PER NYSEBC SECTION 602.1.
2. EXISTING EGRESS SHALL BE MAINTAINED. EXISTING EXIT SIGNS TO REMAIN (TYP. FOR ALL)
3. EXISTING ACCESSIBILITY SHALL BE MAINTAINED. IT IS CONSIDERED TECHNICALLY INFEASIBLE TO INCREASE ACCESSIBILITY FOR EXISTING DOORS RECESSED WITHIN EXISTING CONSTRUCTION AS EXISTING CONDITIONS PROHIBIT MODIFICATION NECESSARY TO PROVIDE ACCESSIBILITY.
4. EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).
5. EXISTING FIRE EXTINGUISHERS TO REMAIN (TYP. FOR ALL).

BUILDING CODE OF NEW YORK STATE

(NYS BUILDING CODE TABLE 504.3 & 504.4)

	EXISTING	ALLOWED	PROPOSED
BUILDING OCCUPANCY	EDUCATIONAL (GROUP E)	EDUCATIONAL (GROUP E)	NO CHANGE
CONSTRUCTION CLASSIFICATION	IIB	IIB	NO CHANGE
HEIGHT (STORIES)	2	2	NO CHANGE
HEIGHT (FEET)	± 32	55	NO CHANGE

NOTES

1. EDUCATIONAL GROUP 'E' OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

(NYS BUILDING CODE TABLE 601)

EXISTING BUILDING OCCUPANCY CLASSIFICATION: BUSINESS GROUP E - EDUCATIONAL
EXISTING CONSTRUCTION CLASSIFICATION: TYPE IIB

BUILDING ELEMENT	IIB
STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	0
EXTERIOR NON-BEARING WALLS	-
INTERIOR BEARING WALLS	0
INTERIOR NON-BEARING WALLS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

NOTE:
1. THE EXISTING BUILDING CONSTRUCTION CLASSIFICATION IS ASSUMED TO BE TYPE IIB.

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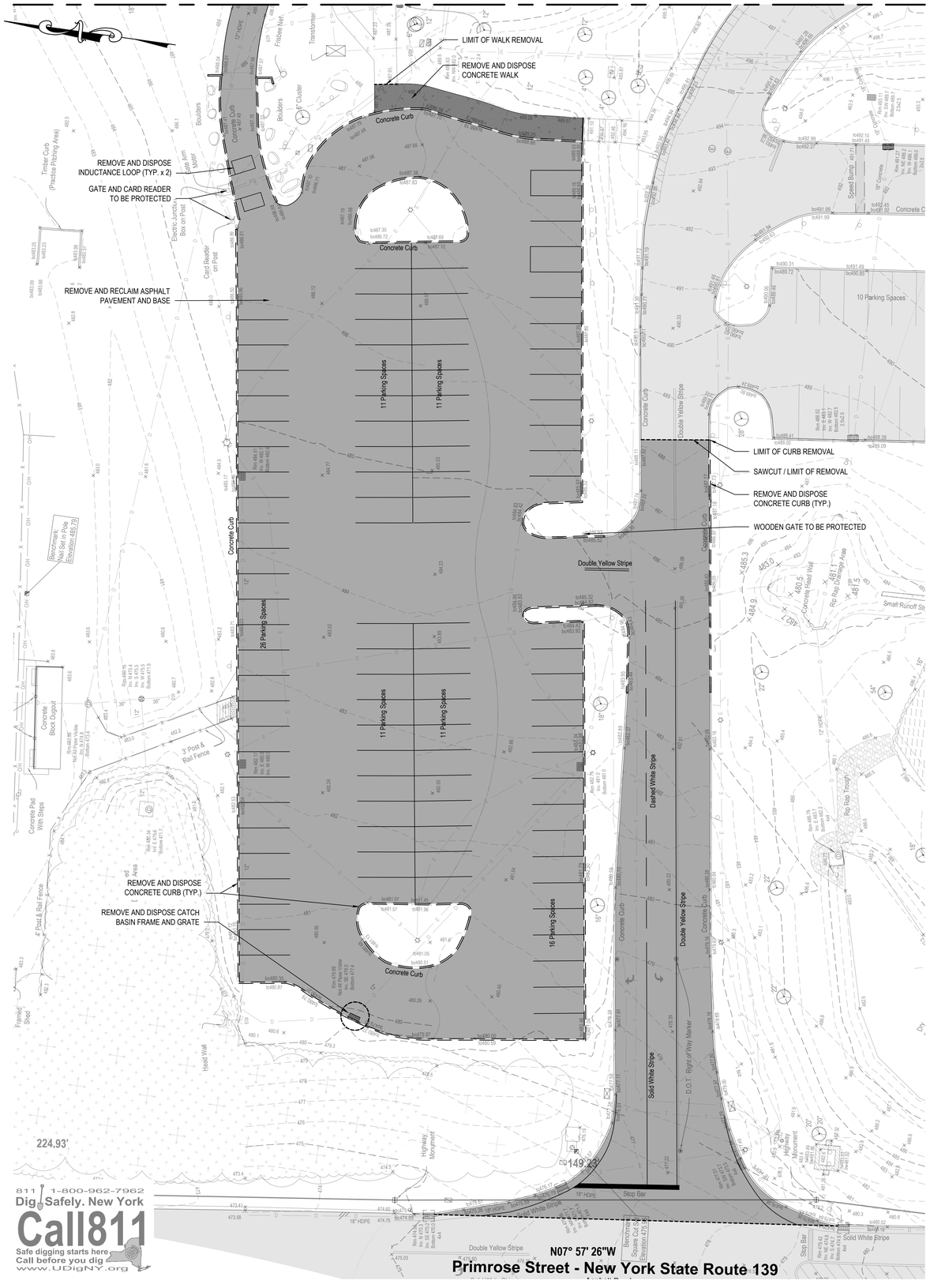

EXISTING CONDITIONS LEGEND

DESCRIPTION	SYMBOL
DRAINAGE MANHOLE	
CATCH BASIN	
INLET	
INLET	
CLEAN OUT	
ELECTRIC RISER	ER
LIGHT	
PULL BOX	
TRAFFIC SIGNAL BOX	
TRAFFIC SIGNAL POLE	
UTILITY POLE/GUY POLE	
SIGN	
TWO POST SIGN	
BOLLARD	
FLAG POLE	FP
DECIDUOUS TREE	
CURB	
DROP CURB	
STORM DRAIN	D D
SANITARY SEWER	
UNDERGROUND ELECTRIC	E E
UNDERGROUND TELEPHONE	T T
OVERHEAD WIRES	OH OH
FENCE	X X
CONTOUR	100
SPOT ELEVATION	100.0
TOP/BOT CURB GRADE	tc 100.50 bc 100.00
ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
BRICK/PAVER PAVEMENT	
RUBBERIZED SURFACE	
DETECTABLE WARNING PAD	

DEMOLITION LEGEND

DESCRIPTION	SYMBOL
REMOVE AND DISPOSE OF EXISTING CURB	
SAWCUT PAVEMENT LINE	
REMOVE AND RECLAIM EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK	
REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE	x x
REMOVE AND DISPOSE OF EXISTING CATCH BASIN FRAME AND GRATE	

EXISTING CONDITIONS NOTES:

1. EXISTING SURVEY PREPARED BY H2M ARCHITECTS + ENGINEERS, DATED OCTOBER 13, 2025.
2. MARKOUT OF UNDERGROUND UTILITIES COMPLETED BY THE LEXIS GROUP, DATED OCTOBER 2022.
3. BENCHMARK 1 - (SQUARE CUT SET IN CONCRETE PAD, EAST OF EXISTING ENTRANCE FROM PRIMROSE STREET, EL. = 475.96). BENCHMARK 2 - (SQUARE CUT SET IN POLE, SOUTH OF BASEBALL FIELD LOCATED AT THE NORTH END OF THE SITE, EL. = 485.79).
4. LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER OLD MAPS, SURVEYS, DRAWINGS/RECORDS SUPPLIED BY OTHERS AND/OR UTILITY MARKOUT. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES AND STRUCTURES NOT SHOWN.

SITE DEMOLITION NOTES:

1. REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY.
2. UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXISTING UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED.
3. AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH.
4. NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS.
5. REPAIR ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER.
6. REPAIR ANY DAMAGE TO EXISTING SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM CONTRACTOR OPERATIONS AT NO COST TO OWNER.
7. SAWCUT CONCRETE PAVEMENT BACK TO NEAREST EXPANSION/CONTROL JOINT.
8. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS. SITE LOGISTICS PLAN FOR TEMPORARY FENCING TO BE PROVIDED BY GENERAL CONTRACTOR.
9. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO ANY GROUND DISTURBANCE.
10. DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK.
11. NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE.
12. TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER.
13. BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXISTING SITE FEATURES. BACKFILL TO BE SOIL, FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.
14. OBTAIN HIGHWAY WORK PERMIT FROM NYSDOT PRIOR TO ANY WORK WITHIN THE STATE RIGHT OF WAY.

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2025
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN - WEST

DRAWING No.
HS-CD 100.00

C:\Users\peters\appdata\local\temp\AcPublish_17660\01_CD\100 Existing Conditions & Demolition Plan.dwg Last Modified: Oct 23, 2026 - 8:41am Rvttel.cnn - Oct 28, 2026 - 2:38pm By system

SEE NOTES AND LEGEND ON SHEET CD 100

REMOVE AND DISPOSE OF 4' CHAINLINK FENCE SECTION

SAWCUT / LIMIT OF ASPHALT REMOVAL

REMOVE AND DISPOSE SITE BOLLARD (TYP. x 3)

REMOVE AND DISPOSE ASPHALT PAVEMENT AND BASE

REMOVE, PROTECT, AND REINSTALL A/C UNITS

LIMIT OF WALK REMOVAL

REMOVE AND DISPOSE CONCRETE WALK

REMOVE AND DISPOSE WOOD TIE RETAINING WALL

PARTIALLY REMOVE AND DISPOSE CONCRETE ACCESSIBLE RAMP. REFER TO 'A' SHEETS

REMOVE AND DISPOSE CATCH BASIN FRAME AND GRATE. REMOVE DEBRIS FROM BASIN.

REMOVE AND DISPOSE STOCKADE FENCE AND POSTS (TYP.)

RELOCATE METAL CONTAINER. LOCATION TO BE DETERMINED BY OWNER (TYP. x 2).

REMOVE AND STORE 8' CHAIN LINK FENCE TO FACILITATE PAVING

REMOVE AND DISPOSE CONCRETE PAD

REMOVE AND RECLAIM ASPHALT PAVEMENT AND BASE

SAWCUT / LIMIT OF REMOVAL

LIMIT OF ASPHALT PAVEMENT AND BASE REMOVAL

REMOVE AND DISPOSE ASPHALT PAVEMENT AND BASE

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SEE SHEET CD 100

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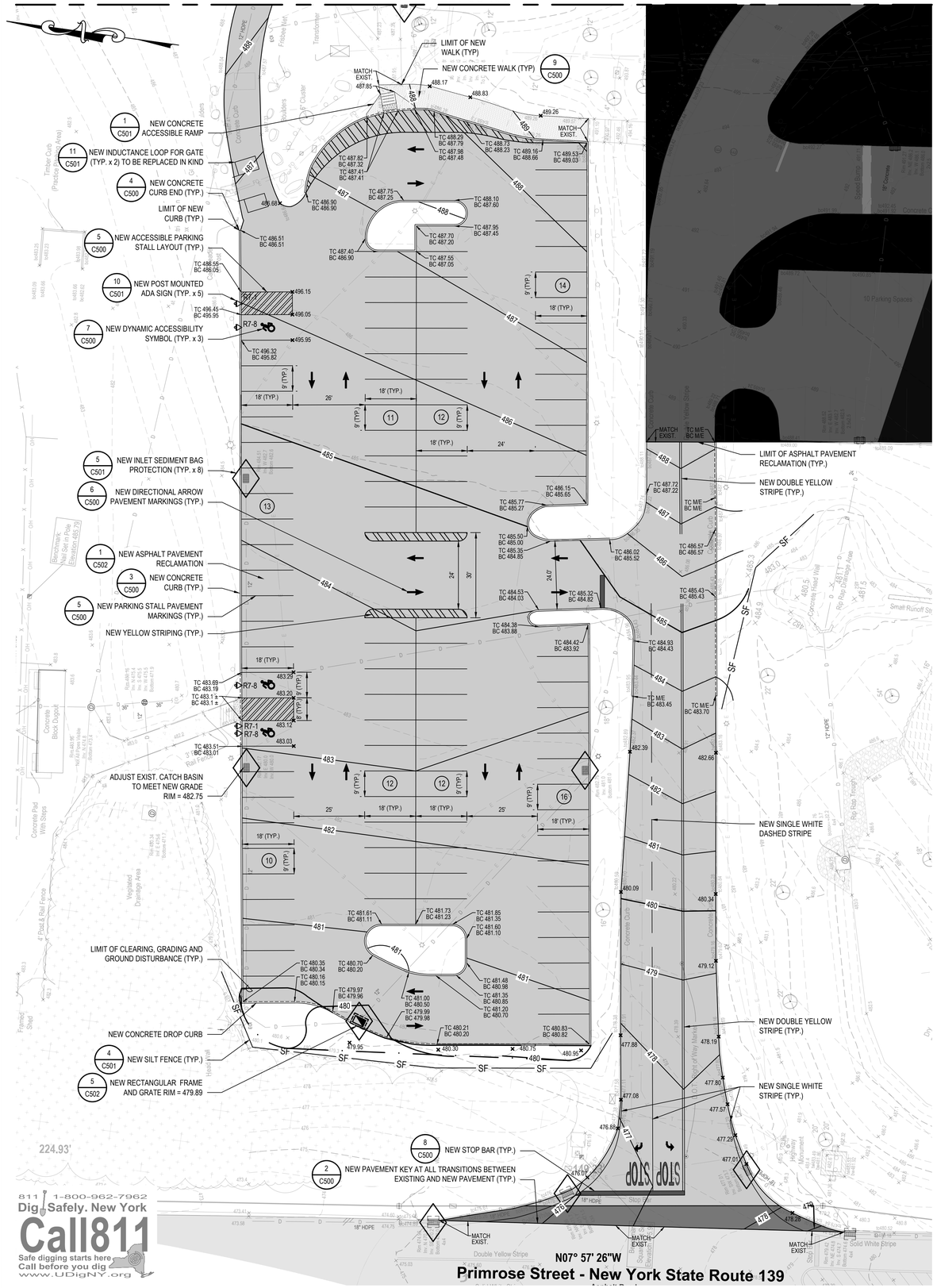
DRAWING No.

HS-CD 101.00

C:\Users\peters\appdata\local\temp\AcPublish_17956\02_CD\01 Existing Conditions & Demolition Plan.dwg Last Modified: Oct 28, 2026 - 4:45pm Plotted on: Oct 28, 2026 - 4:45pm By speters



LEGEND

DESCRIPTION	SYMBOL
CURB	
RETAINING WALL	
CONCRETE DROP CURB	
RESEAL ASPHALT PAVEMENT	
ASPHALT PAVEMENT RECLAMATION	
NEW ASPHALT PAVEMENT AND BASE	
CONCRETE PAVEMENT SIDEWALK	
SIGN	
HANDICAP RAMP	
PARKING STALL COUNT	12
CHAIN LINK FENCE	x x
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MAJOR CONTOUR	240
MINOR CONTOUR	241
RETAINING WALL	
CATCH BASIN	
FIELD INLET	
DRAINAGE LINE	D
NEW SILT FENCE	SF SF
NEW INLET SEDIMENT BAG PROTECTION	
NEW CURB INLET SEDIMENT BAG	

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE CIVIL DRAWINGS FOR THE LAYOUT AND CONSTRUCTION OF THE BUILDING FOUNDATIONS AND/OR OTHER BUILDING ELEMENTS. REPORT ANY DISCREPANCIES BETWEEN CIVIL, ARCHITECTURE AND STRUCTURAL DRAWINGS IN WRITING TO THE CIVIL ENGINEER PRIOR TO CONSTRUCTION BUILDING FOUNDATIONS AND/OR OTHER BUILDING ELEMENTS.
3. NOTIFY THE OWNER AND H2M (TELEPHONE 914-358-5623) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
4. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
5. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
6. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
7. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
8. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
9. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
10. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
11. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
12. REMOVE ALL ASPHALT FROM EXISTING CASTINGS.
13. SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF ALL ROOF DRAINS AND SANITARY HOUSE CONNECTIONS PRIOR TO COMMENCING SITE DRAINAGE AND SANITARY CONSTRUCTION.
3. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
4. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
5. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PARKING SUMMARY

ITEM	EXISTING	PROPOSED
TOTAL STALL COUNT	97	103
STALL COUNT (NOT INCLUDING ADA)	94	100
ACCESSIBLE STALLS REQUIRED*	4	5
ACCESSIBLE STALLS PROVIDED	3	3
NET CHANGE - OVERALL STALL COUNT		+6

*TOTAL ACCESSIBLE STALLS SATISFIED BY ADDITIONAL PARKING AREAS NOT INCLUDED IN THIS WORK

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE < 1 ACRE

GRAPHIC SCALE
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SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
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VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
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STATUS
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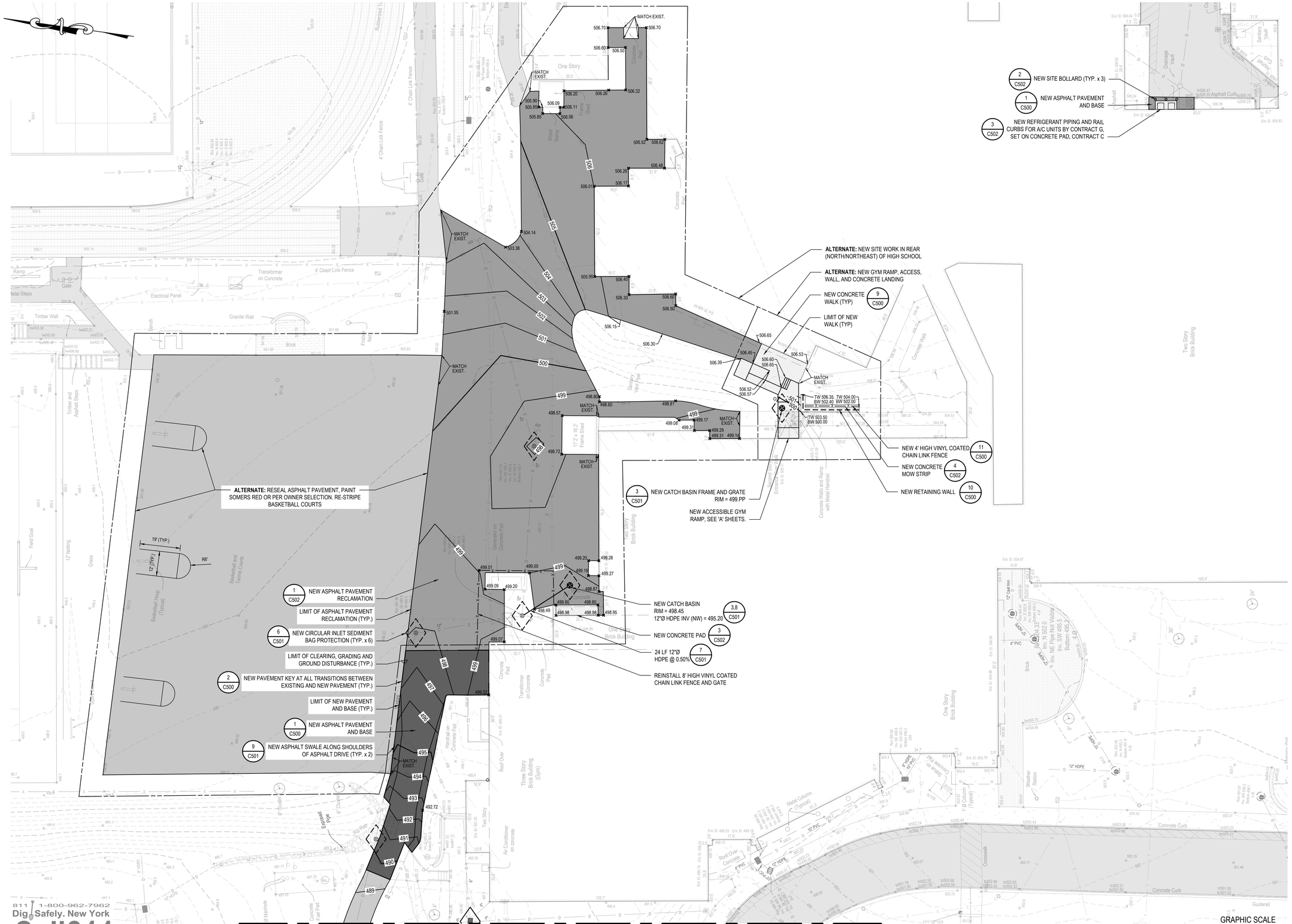
SHEET TITLE
SITE IMPROVEMENTS PLAN - WEST

DRAWING No.
HS-CS 100.00

X:\SSMSD\ [Somers School District]\SMSD2508 (SHS Phase 2 Various Upgrades)\02-BIM-CAD\Civ-Docs\05 Civil\03. CS100 Site Improvements Plan.dwg Last Modified: Oct 28, 2026 - 3:30pm Plotted on: Oct 28, 2026 - 3:31pm By: pyeters

SEE NOTES AND LEGEND ON SHEET CS 100



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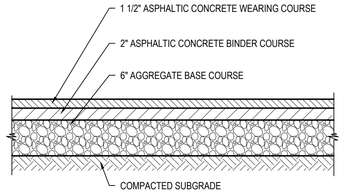
DRAWING No.

HS-CS 101.00

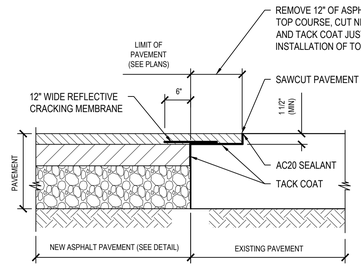
X:\SSMSD] (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02.BIM-CADD\Con-Docs\05 Civil\04_CS101 Site Improvements Plan.dwg Last Modified: Oct 28, 2026 - 5:05pm Plotted on: Oct 28, 2026 - 5:01pm By: speters



NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

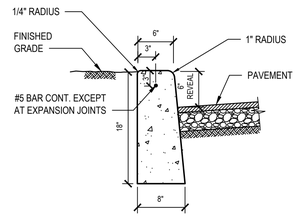
1 Asphalt Pavement - Standard Duty

SCALE: NTS (321216.13 H2MX1) - U



2 New Asphalt Pavement Key to Existing Asphalt Pavement - Standard Duty

NTS (SPEC H2MX#) - U

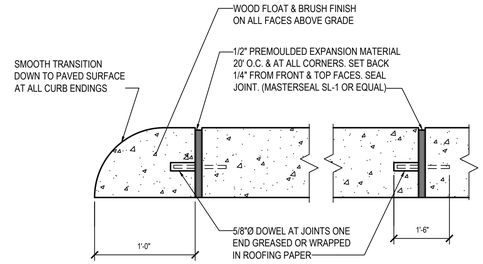


NOTES:

1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

3 Concrete Curb

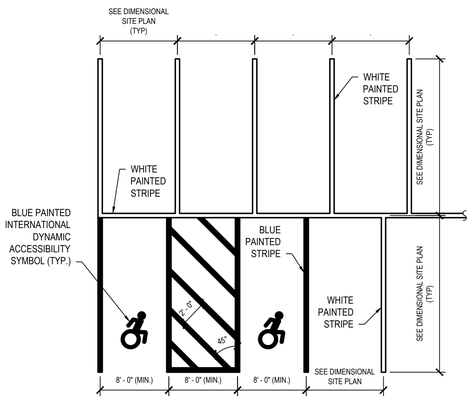
SCALE: NTS (321613.16 H2MX1)



ELEVATION

4 Concrete Curb End Detail

SCALE: NTS (321613.16 H2MX1)

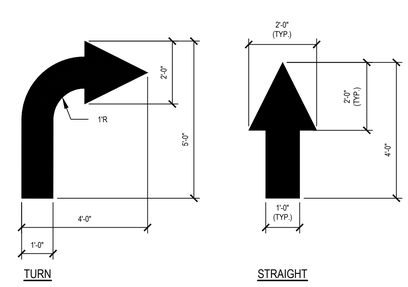


NOTES:

1. ALL STRIPING TO BE 4" WIDE.
2. SEE DIMENSIONAL SITE PLAN FOR LOCATIONS OF PARKING STALL SIGNAGE.

5 Parking Stall Layout - Single Striping

SCALE: NTS (321799.00 H2MX1) - U

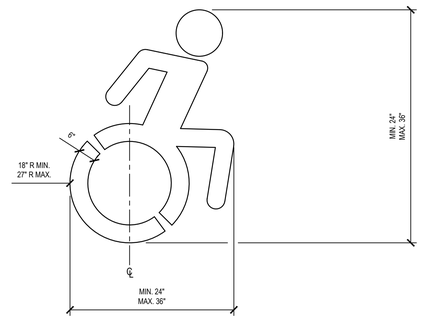


NOTES:

1. ALL ARROWS MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO SITE PLAN SHEETS.
2. TURN ARROW DETAILS SHOWN ARE FOR RIGHT TURN. REVERSE DETAILS AS REQUIRED FOR LEFT TURNS.

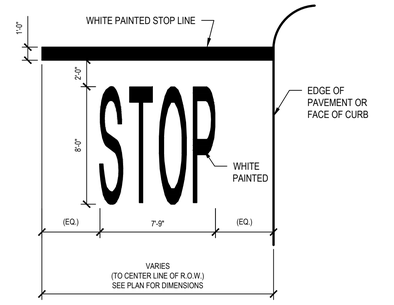
6 Directional Arrows - On SIte

SCALE: NTS 321723.13 H2MX1 -U



7 Dynamic Accessibility Symbol

SCALE: NTS 321799.01 H2MX1

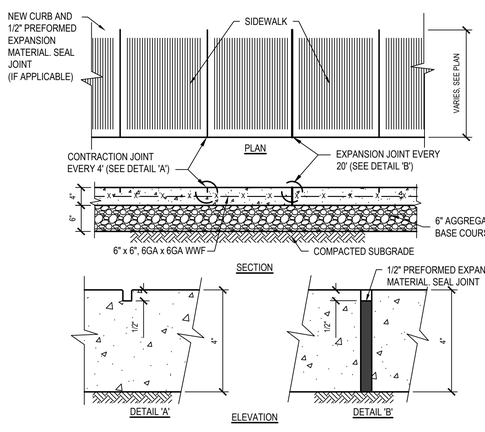


NOTE:

1. SEE DIMENSIONAL SITE PLAN FOR STOP BAR LOCATION

8 Stop Bar and Legend

SCALE: NTS 321723.13 (H2MX2) -U

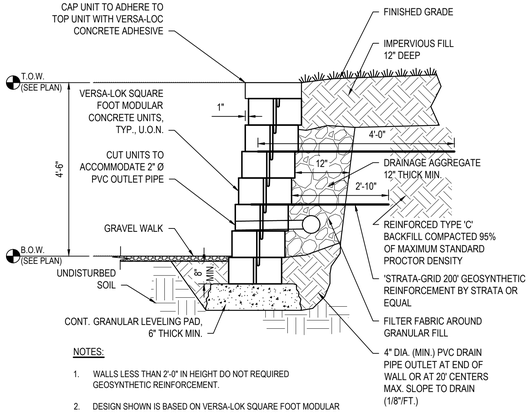


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

9 Concrete Sidewalk

SCALE: NTS 321313.33 H2MX1

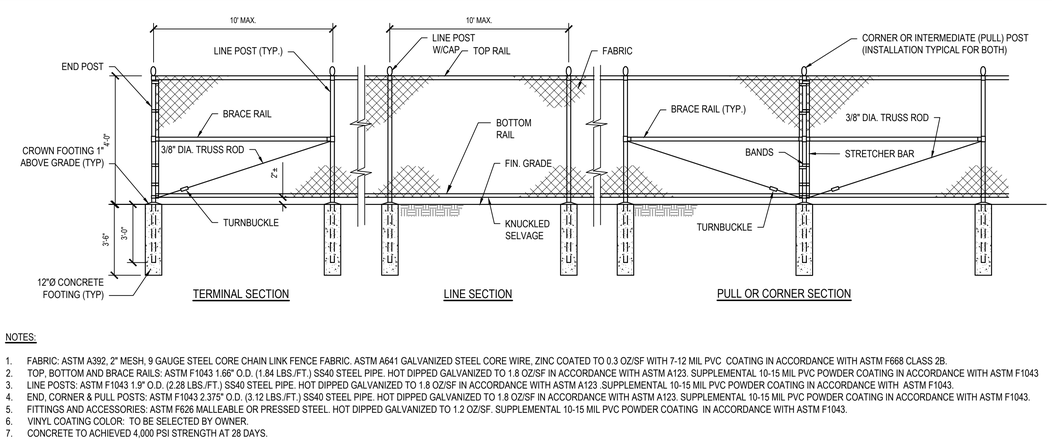


NOTES:

1. WALLS LESS THAN 2'-0" IN HEIGHT DO NOT REQUIRED GEOSYNTHETIC REINFORCEMENT.
2. DESIGN SHOWN IS BASED ON VERSA-LOK SQUARE FOOT MODULAR UNITS. IF SUBSTITUTION IS DESIRED, CONTRACTOR SHALL SUBMIT PRODUCT DATA WITH CALCULATIONS SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF NEW YORK

10 Retaining Wall Section (2'-0" to 4'-6" Height)

SCALE: NTS SPECIFICATION #



NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP, BOTTOM AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 1.9" O.D. (2.28 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
7. CONCRETE TO ACHIEVED 4,000 PSI STRENGTH AT 28 DAYS.

11 Chain Link Fence - Vinyl Coated - 4' Height

SCALE: NTS | H2M X1 323113.15

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SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

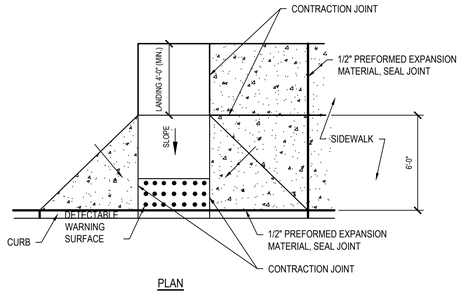
SHEET TITLE

SITE DETAILS

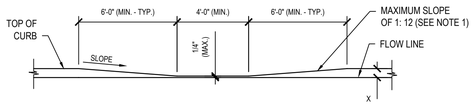
DRAWING No.

HS-C 500.00

C:\Users\peters\appdata\local\temp\AcPublish_17656\DSD_CS01 Site Details.dwg Last Modified: Oct 08, 2026 - 11:47am Plotted on: Oct 28, 2026 - 5:04pm By peters



PLAN



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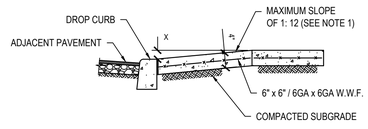


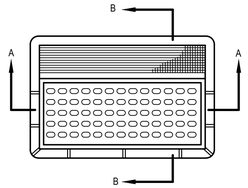
SECTION

NOTES:

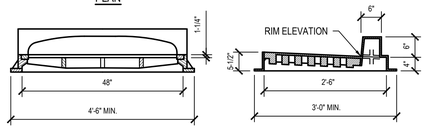
1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.)
5. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
6. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
7. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
8. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

1 Concrete Handicap Ramp - Mid Block - Flare

SCALE: NTS (321313.36 H2MX2) - U



PLAN



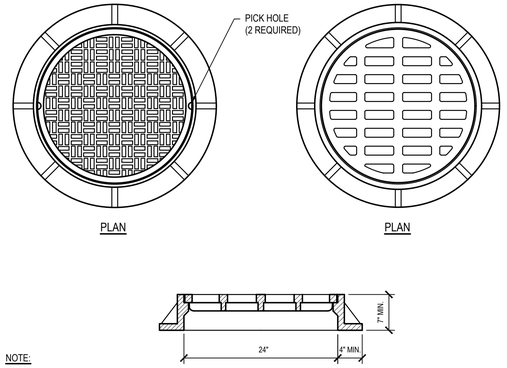
SECTION A-A SECTION B-B

NOTE

1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE SAFE.

2 Combination Inlet Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MX3)



PLAN PLAN

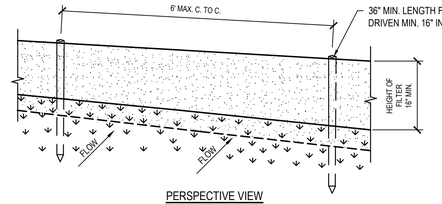
SECTION

NOTE:

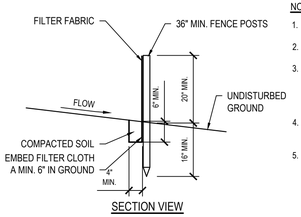
CASTINGS MUST BE CAST IRON CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.

3 Circular Frame & Cover or Grate - Heavy Duty

SCALE: NTS | H2M:X5 334913.23



PERSPECTIVE VIEW



SECTION VIEW

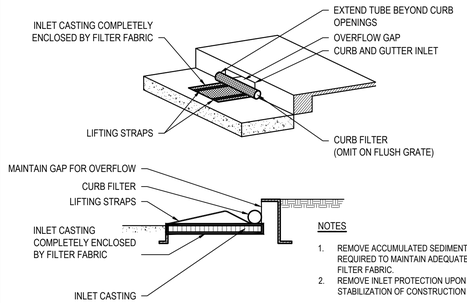
NOTES

1. POSTS SHALL BE 2" X 2" HARDWOOD OR APPROVED EQUIVALENT.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED AND SECURE AT POST. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND ACCUMULATED SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. REMOVE SILT FENCE UPON PERMANENT STABILIZATION OF UPLAND AREAS.

4 Silt Fence - Standard

SCALE: NTS 312513.13 NYDC1-U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft	145
Permittivity	ASTM D 4491	Sec^{-1}	2.1



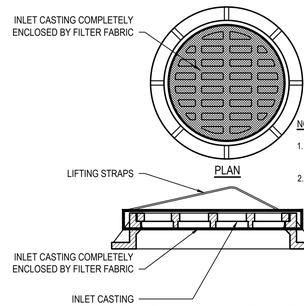
NOTES

1. REMOVE ACCUMULATED SEDIMENT AND DEBRIS AS REQUIRED TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

5 Curb Inlet Sediment Bag Protection

SCALE: NTS (312553.13 H2MX1) - U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft	145
Permittivity	ASTM D 4491	Sec^{-1}	2.1



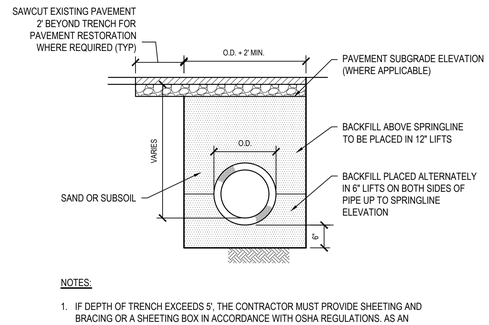
PLAN

NOTES

1. REMOVE ACCUMULATED SEDIMENT AND DEBRIS AS REQUIRED TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

6 Circular Inlet Sediment Bag Protection

SCALE: NTS 312553.13 H2MX2

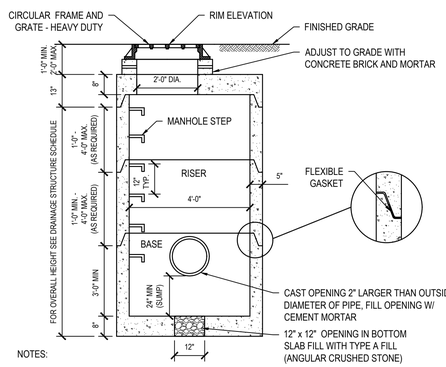


NOTES:

1. IF DEPTH OF TRENCH EXCEEDS 5', THE CONTRACTOR MUST PROVIDE SHEETING AND BRACING OR A SHEETING BOX IN ACCORDANCE WITH OSHA REGULATIONS. AS AN ALTERNATIVE, IF PERMITTED BY THE ENGINEER, THE TRENCH WALLS MAY BE CUT BACK TO A 1:1 SLOPE OR THE NATURAL ANGLE OF REPOSE FOR THE SOIL, WHICHEVER IS GREATER.
2. WITHIN 9" OF PAVEMENT SUBGRADE ELEVATION (WHERE APPLICABLE) COMPACT BACKFILL TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL OTHER BACKFILL MATERIAL TO BE COMPACTED TO 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

7 Pipe Trench

SCALE: NTS 312333.00 H2MX1 -U

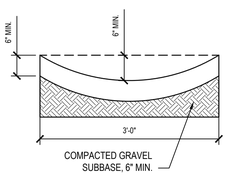


NOTES:

1. MANHOLE IS TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. MANHOLE CONSTRUCTION TO CONFORM TO ASTM C913
3. PROVIDE ADDITIONAL RISERS AS REQUIRED.
4. FLEXIBLE GASKET TO CONFORM TO THE REQUIREMENTS OF ASTM C990.

8 Catch Basin - Round

SCALE: NTS (334913.13 H2MX1) - (MOD)

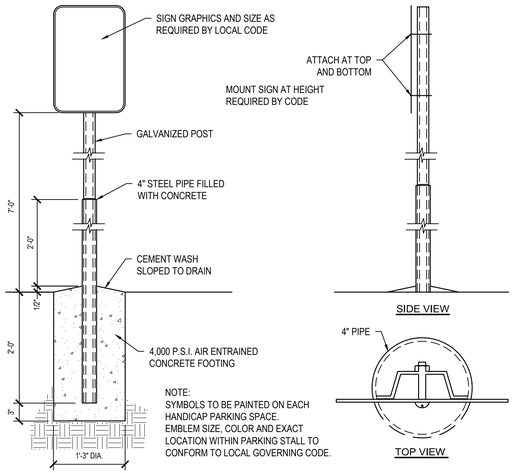


NOTES:

1. THE FLOW LINE OF THE ASPHALT GUTTER SHALL NOT VARY MORE THAN 0.01' VERTICALLY FROM A 10' STRAIGHT EDGE PLACED LONGITUDINALLY ALONG FLOW LINE.
2. THE FLOW LINE OF THE ASPHALT GUTTER SHALL NOT VARY MORE THAN 0.03' HORIZONTALLY FROM A 10' STRAIGHT EDGE PLACED LONGITUDINALLY ALONG FLOW LINE.

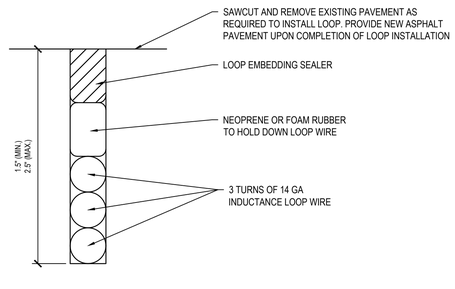
9 Asphalt Swale

SCALE: NTS



10 Post - Mounted ADA Sign

SCALE: NTS (101453H2MX1 ADA) - U



11 Inductance Loop

SCALE: NTS

H2M architects + engineers

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NY Engineering Certificate of Authorization No. 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2026 EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
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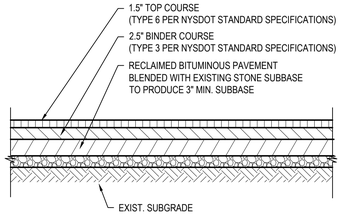
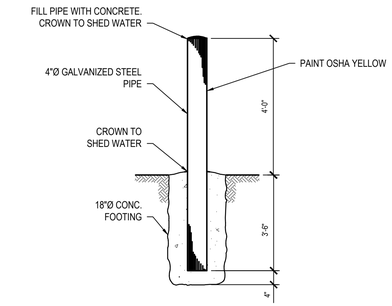


NOTE:
CONTRACTOR TO RECLAIM APPROXIMATELY THREE (3) TO SIX (6) INCHES OF EXISTING ASPHALT PAVEMENT (PAVEMENT THICKNESS VARIES). CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ANY UNUSED MATERIALS.

1 Asphalt Pavement Reclamation

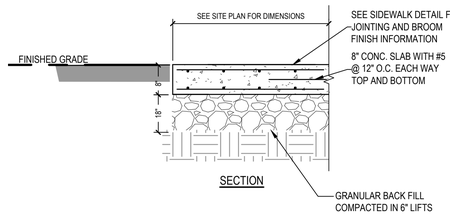
SCALE: NTS H2M - MOD



NOTE:
1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS.

2 Steel Bollard - 4" Diameter

NTS (323613.00 H2MX1)

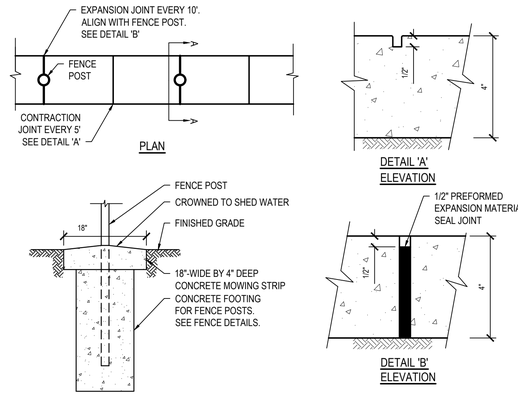


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
4. INSTALL EXPANSION MATERIAL ALONG ALL AREAS OF PAD BORDERING FINISHED SURFACES.

3 Concrete Pad

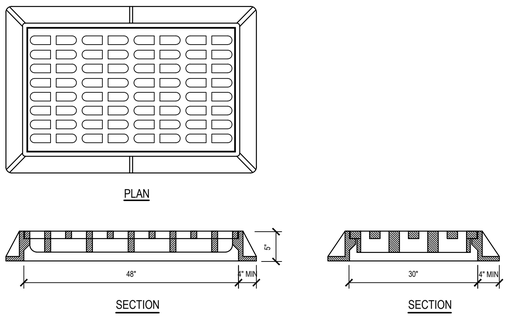
SCALE: NTS



NOTES:
1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PARALLEL TO FENCE LINE.

4 Concrete Mow Strip

SCALE: NTS SPECIFICATION #



NOTES:
1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE- SAFE.

5 Rectangular Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MZ1)

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White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2029
EXP. DATE

MATTHEW R. MOHLIN, P.E.
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GENERAL DEMOLITION NOTES

1. DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL STATE EDUCATION DEPARTMENT STANDARDS, ALL N.Y.S. AND TOWN APPLICABLE BUILDING CODES, AND LIFE AND SAFETY REGULATIONS.
2. ALL CONTRACTORS SHALL OBEY ALL CODES, STATUES, AND LAWS AS APPLICABLE TO DEMOLITION WORK IN AN OCCUPIED BUILDING AND FOR REMOVAL OF MATERIALS SAFELY FROM THE SITE, INCLUDING ALL OSHA REGULATIONS.
3. THE GENERAL CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE EXISTING BUILDING FROM DUST, WEATHER INCLEMENCY AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE AND BUILDING CONTENTS.
4. ALL CONTRACTORS SHALL DISPOSE OF ALL UNWANTED MATERIALS AND OTHER DEMOLITION DEBRIS OFF SITE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND ALL LAWS AND REGULATIONS.
5. ALL HOLES IN SLABS AND WALLS, INCLUDING FINAL PATCHING, ARE THE RESPONSIBILITY OF EACH CONTRACTOR FOR WHOM THE PENETRATIONS ARE REQUIRED, UON. HOLES THROUGH SLABS SHALL BE CORE DRILLED. WHERE CORE DRILLING IS NOT POSSIBLE, SLABS SHALL BE SAWCUT. PROVIDE REQUIRED FIRE-STOPPING PRIOR TO CONCEALING WORK.
6. ALL DEMOTION WORK SHALL BE PERFORMED BY CONTRACT 'G', UON. CONTRACT 'G' SHALL DEMOLISH ALL EXISTING CONSTRUCTION, INCLUDING, BUT LIMITED TO, FLOOR, WALL AND CEILING FINISHES, AS INDICATED, TO PROVIDED FINISHED CONSTRUCTION AS DESCRIBED IN THE CONTRACT DOCUMENTS, WHETHER OF NOT THE DEMOLITION IS SPECIFICALLY CALLED OUT.
7. CONTRACT 'E' SHALL MAINTAIN AND REROUTE ALL CIRCUITS SCHEDULED TO REMAIN.
8. BUILDING DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKE-OFFS AND FABRICATION OF MATERIALS.
9. OVER-DEMOLITION SHALL BE ALLOWED, PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, STRUCTURAL INTEGRITY AND APPEARANCE OF THOSE WHICH WERE REMOVED, IN CONFORMANCE WITH CONTRACT DOCUMENTS AND AT NO ADDITIONAL COST TO THE DISTRICT, UPON ROOM PERIMETER WALLS TO REMAIN INTACT, U.O.N.
10. PATCH CONCRETE FLOOR SMOOTH, LEVEL AND FLUSH AT ALL REMOVED ELEMENTS. FIRE-STOP ALL PENETRATIONS.
11. REMOVE ALL EXISTING FINISHES SCHEDULED TO BE REMOVED PRIOR TO THE PROPER APPLICATION OF FINISHES TO A POINT WHERE WORKABLE SUBSTRATES OR UNDAMAGED ADJACENT FINISHES ARE REACHED, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED GUIDELINES AND INSTRUCTIONS.
12. STORE ALL MATERIALS TO BE REUSED SAFELY ON-SITE. TURN OVER ALL MATERIALS TO BE SAVED, BUT NOT REUSED, IN LOCATION PREDETERMINED AND/OR AS DIRECTED BY THE DISTRICT.
13. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNWANTED MATERIALS AND OTHER DEMOLITION DEBRIS OFF-SITE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND ALL APPLICABLE CODES, STATUTES AND LAWS.
14. PROVIDE TEMPORARY SUPPORT DURING DEMOLITION AT ALL LOCATIONS WHERE EXISTING PARTITIONS AND STRUCTURE ARE TO BE REMOVED.
15. CONTRACTOR'S ACCESS SHALL BE AS INDICATED IN THE CONTRACT DOCUMENTS, SUBJECT TO THE ACCEPTANCE OF THE OWNER AND CONSTRUCTION MANAGER. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING FINISHES SCHEDULED TO REMAIN ALONG THE ACCESS ROUTE AND ADJOINING SURFACES OUTSIDE THE CONTRACTOR OR SCOPE-OF-WORK, FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES AS DAMAGED DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT, AT NO ADDITIONAL COST TO OWNER.
16. REFER TO "E" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "E".
17. GENERAL CONTRACTOR TO COORDINATE ALL CORE DRILLING AND TRENCHING WITH "E" CONTRACTORS.

ASBESTOS ABATEMENT NOTES

1. ALL ASBESTOS ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028200 AND INDUSTRIAL CODE RULE 56.
2. MATERIALS TO BE REMOVED ARE ASSUMED TO CONTAIN THE PRESENCE OF ASBESTOS AND ARE SUBJECT TO VERIFICATION PRIOR TO CONSTRUCTION:
   - VIBRATION CLOTH
   - SINK CAULK
   - VARIOUS SIZE AND COLOR TILES AND ASSOCIATED MASTIC
   - PIPE AND PIPE FITTING INSULATION
   - CONCEALED UNIT VENTILATOR INSULATION AND BACKINGS
   - CERAMIC WALL TILE GROUT & BACKING
   - CERAMIC FLOOR TILE GROUT & MORTAR
   - PEGBOARD/LABORATORY DRYING RACKS
   - MIRROR MASTIC
   - FUME HOODS
   - DOOR CORE INSULATION
   - CONCEALED INSULATION/MASTIC TO FREEZER & REFRIGERATOR WALLS/CEILINGS/ DOORS
   - EXTERIOR WINDOW LINTEL CAULK, FLASHING AND TAR
   - WINDOW CAULK
   - WALL EXPANSION JOINT CAULK
   - CONCEALED WATERPROOFING MATERIALS ON EXTERIOR WALLS
   - CONCEALED WATERPROOFING ROOF FLASHING MATERIALS
   - SEALANT TO ROOF CORNICE
3. SPECIFICATION SECTION 022600 "HAZARDOUS MATERIAL REPORT" FOR ADDITIONAL INFORMATION ON THE MATERIALS AND THEIR LOCATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM PERSONAL AIR MONITORING ON ITS EMPLOYEES IN ACCORDANCE WITH OSHA REGULATIONS.
5. THIRD-PARTY PROJECT MONITORING AND AIR SAMPLING SHALL BE CONDUCTED BY A CONSULTANT FIRM HIRED DIRECTLY BY THE OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH.
7. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
8. ALL OPENINGS AND PENETRATIONS INCLUDING BUT NOT LIMITED TO WINDOWS, DOORS, DUCTS, LOUVERS AND GRILLES SHALL BE COVERED WITH A MINIMUM OF TWO (2) LAYERS OF 6 MIL PLASTIC.
9. REFER TO SPECIFICATION SECTION 028200 FOR SPECIFIC ABATEMENT PROCEDURES.

LEAD ABATEMENT NOTES

1. ALL LEAD ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028300 AND INDUSTRIAL CODE RULE 56.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH, AND KEEP REQUIRED POSTINGS AT SITE.
3. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
4. ALL MATERIALS ASSOCIATED WITH PROJECT HAVE BEEN TESTED FOR THE PRESENCE OF LEAD. NO MATERIAL HAS BEEN FOUND TO CONTAIN LEAD. REFER TO TESTING REPORT IN SPECIFICATIONS.

PCB NOTES

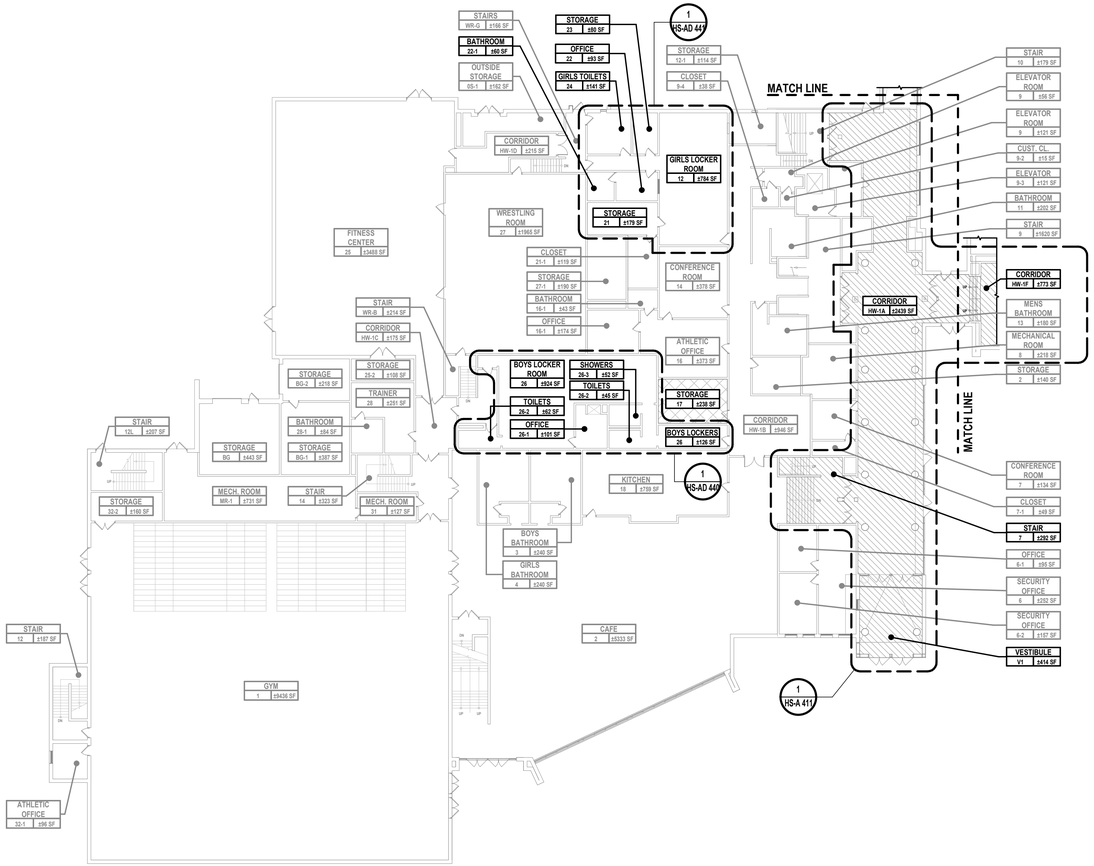
1. ALL AREAS SCHEDULED TO BE DISTURBED OR DEMOLISHED DURING CONSTRUCTION UNDER THE SCOPE OF WORK OF THIS PROJECT HAVE BEEN TESTED FOR PCB CONTENT.
2. THE FOLLOWING ITEMS HAVE BEEN DETERMINED TO CONTAIN PCB. REFER TO TESTING REPORT IN SPECIFICATIONS.
   - WALL EXPANSION JOINT CAULK
   - WINDOW CAULK

DEMOLITION LEGEND

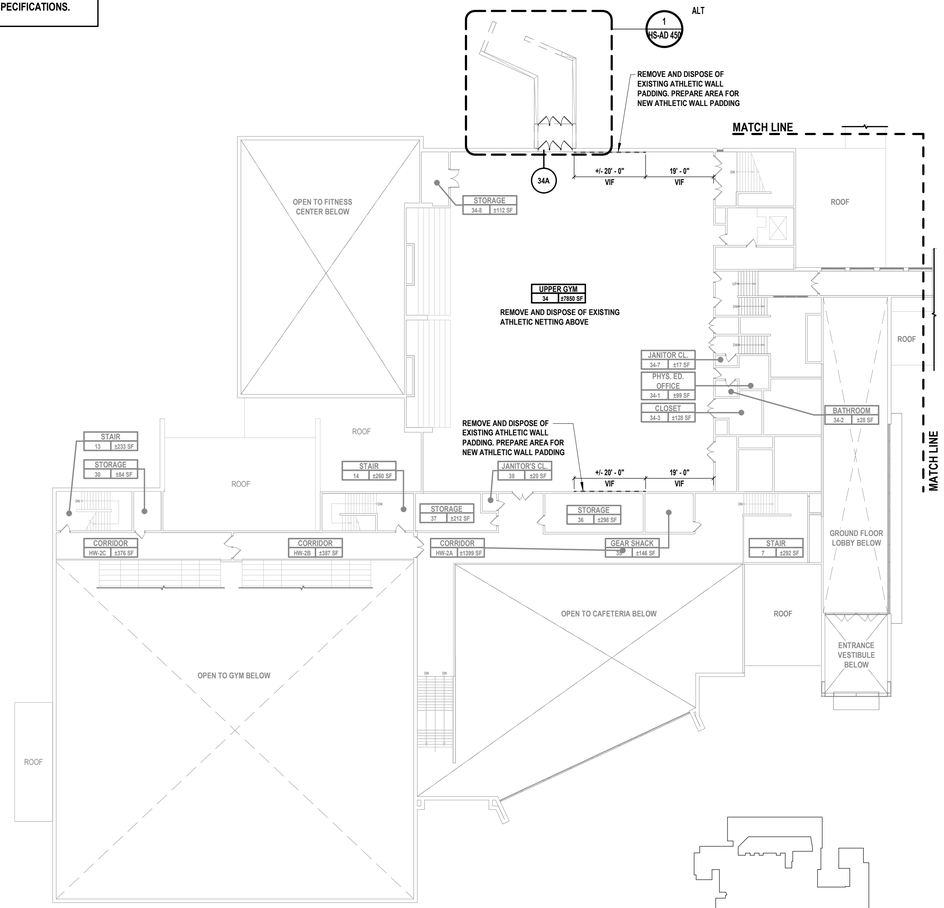
	EXISTING TILE FLOORING IN THE AREA INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE
	EXISTING ITEM TO BE REMOVED AND ALL ASSOCIATED COMPONENTS TO SECURE IT IN PLACE. CONTRACTOR TO PREP OPENINGS TO RECEIVE NEW DOOR AND WINDOWS
	EXISTING VINYL COMPOSITE (V.C.T.) TILE FLOORING AND WALL BASE IN THE AREA INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE

LEGEND

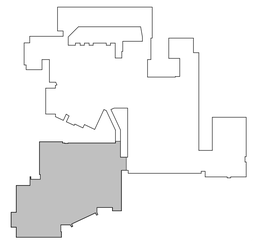
ROOM 000 SF	INDICATES ROOM DESIGNATION TAGS
A	WINDOW OR GLAZING REPLACEMENT. REFER TO DOOR AND WINDOW SCHEDULE.
	INDICATES SPOT ELEVATIONS AT LEVEL CHANGES
#	DOOR AND/OR DOOR REPLACEMENT.



1 **FIRST FLOOR DEMOLITION PLAN - AREA A**
SCALE: 1" = 20'-0"
PROJECT NORTH



2 **SECOND FLOOR DEMOLITION PLAN - AREA A**
SCALE: 1" = 20'-0"
PROJECT NORTH



AREA A - KEY PLAN
SCALE: 1" = 160'-0"
PROJECT NORTH

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1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
L. RAUSCHER	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
DEMOLITION FLOOR PLANS - AREA A

DRAWING No.
HS-AD 100.00

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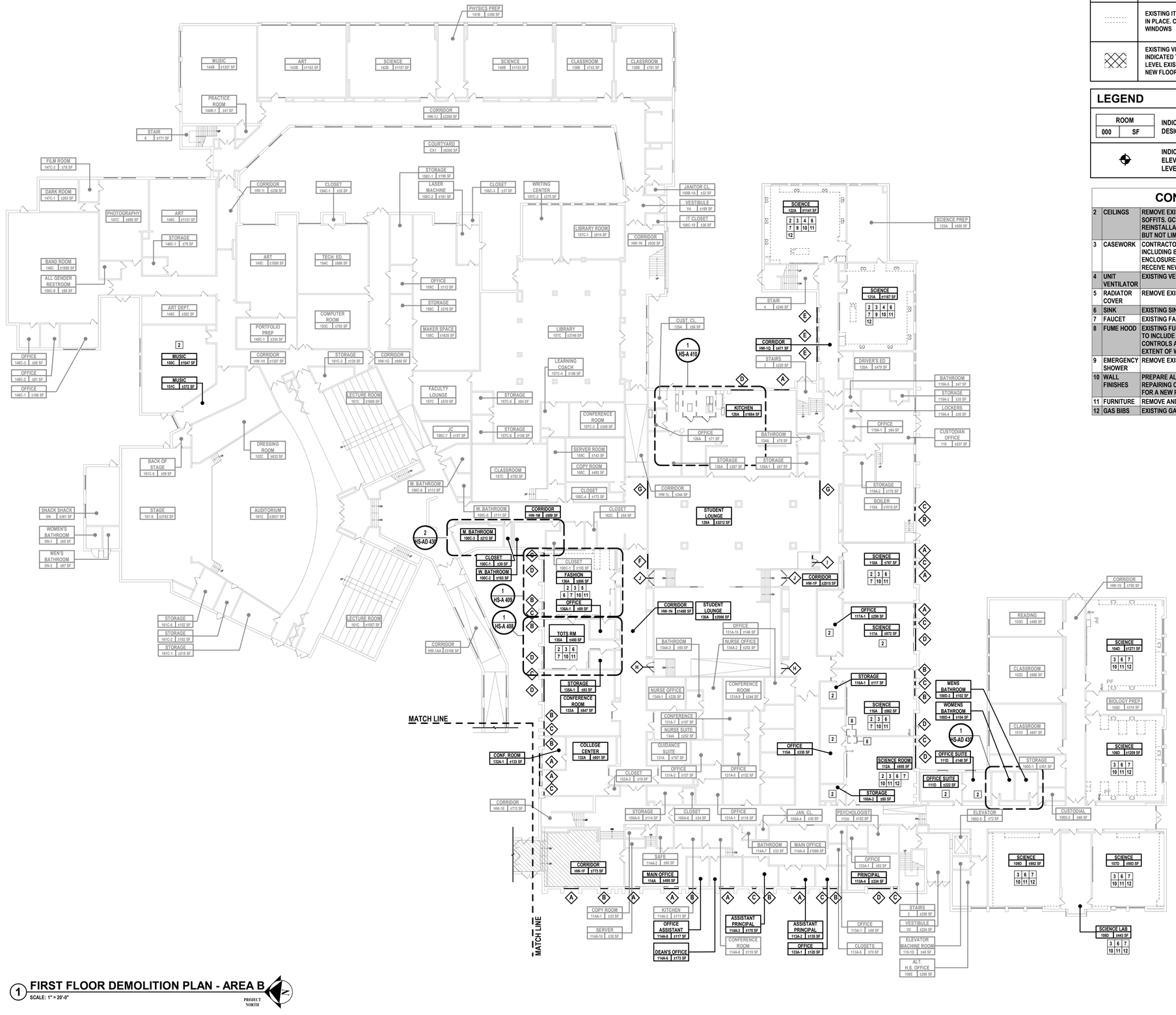
REFER TO HS-AD100 FOR ASBESTOS ABATEMENT AND LEAD ABATEMENT NOTES. REFER TO HS-AD100 FOR GENERAL DEMOLITION NOTES.



DEMOLITION LEGEND

	EXISTING TILE FLOORING IN THE AREA INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE
	EXISTING ITEM TO BE REMOVED AND ALL ASSOCIATED COMPONENTS TO SECURE IT IN PLACE. CONTRACTOR TO PREP OPENINGS TO RECEIVE NEW DOOR AND WINDOWS
	EXISTING VINYL COMPOSITE (V.C.T.) TILE FLOORING AND WALL BASE IN THE AREA INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE

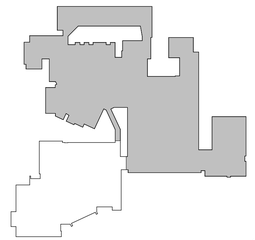
LEGEND

ROOM 000 SF	INDICATES ROOM DESIGNATION TAGS
A	WINDOW OR GLAZING REPLACEMENT. REFER TO DOOR AND WINDOW SCHEDULE.
	INDICATES SPOT ELEVATIONS AT LEVEL CHANGES
#	DOOR AND/OR DOOR REPLACEMENT.

CONTRACT G DEMO SCOPE

2	CEILINGS	REMOVE EXISTING CEILING TILES AND GRID. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. GC SHALL REMOVE ALL SUPPLY AND RETURN GRILLES FOR REINSTALLATION. THE EC SHALL REMOVE ALL EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS AND STROBES.
3	CASEWORK	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CASEWORK IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL WALLS, SOFFITS, FASCIA PIECES, ENCLOSURES, ETC. USED TO CONCEAL CASEWORK. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING
4	UNIT VENTILATOR	EXISTING VENTILATOR TO BE REMOVED. COORDINATE WITH MC.
5	RADIATOR COVER	REMOVE EXISTING RADIATOR COVER.
6	SINK	EXISTING SINK TO BE REMOVED.
7	FAUCET	EXISTING FAUCETS TO BE REMOVED.
8	FUME HOOD	EXISTING FUME HOOD TO BE REMOVED ENTERILY. REMOVE AL EXHAUST DUCTWORK TO INCLUDE BUT NOT LIMITED TO, DUCT HANGERS AND SUPPORTS, FUME HOOD CONTROLS AND FUME HOOD EXHAUST FANS. COORDINATE WITH MC FOR FULL EXTENT OF WORK.
9	EMERGENCY SHOWER	REMOVE EXISTING EMERGENCY EYE WASH AND SHOWER STATION
10	WALL FINISHES	PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW PAINT FINISH.
11	FURNITURE	REMOVE AND PROTECT ALL EXISTING FURNITURE, RETURN TO OWNER.
12	GAS BIBS	EXISTING GAS BIBS TO BE REMOVED. COORDINATE WITH PC.

1 FIRST FLOOR DEMOLITION PLAN - AREA B
SCALE: 1" = 20'-0"



AREA B - KEY PLAN
SCALE: 1" = 160'-0"

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S. MANDIC	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FIRST FLOOR DEMOLITION PLAN - AREA B

DRAWING No.
HS-AD 101.00

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REFER TO HS-AD100 FOR ASBESTOS ABATEMENT AND LEAD ABATEMENT NOTES. REFER TO HS-AD100 FOR GENERAL DEMOLITION NOTES.

DEMOLITION LEGEND

	EXISTING TILE FLOORING IN THE AREA INDICATED TO BE REMOVED AND DISPOSED OF. WET SCRAPE, FLASH PATCH AND LEVEL EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND BASE
	EXISTING ITEM TO BE REMOVED AND ALL ASSOCIATED COMPONENTS TO SECURE IT IN PLACE. CONTRACTOR TO PREP OPENINGS TO RECEIVE NEW DOOR AND WINDOWS
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LEGEND

ROOM 000 SF	INDICATES ROOM DESIGNATION TAGS
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	INDICATES SPOT ELEVATIONS AT LEVEL CHANGES
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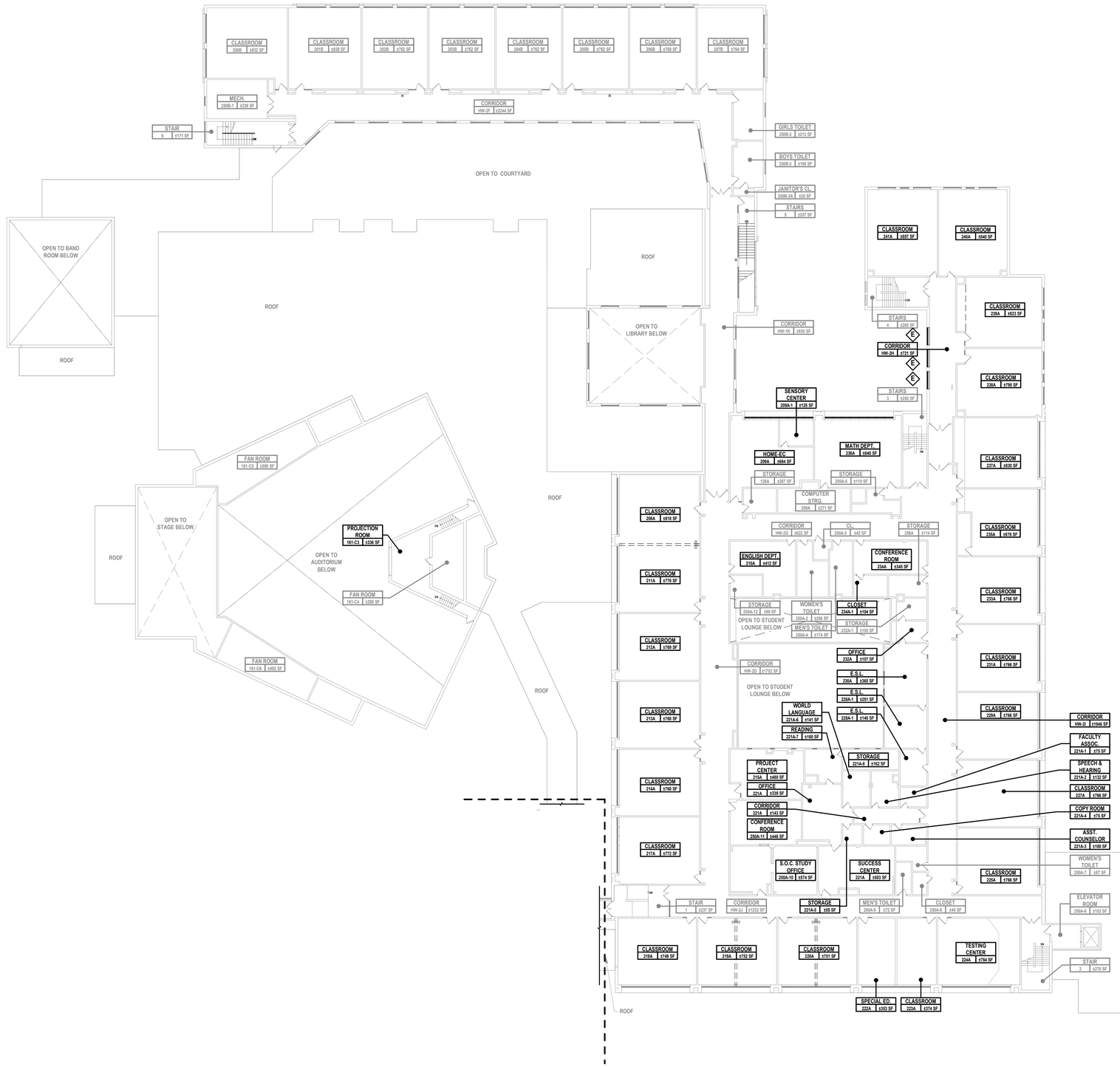
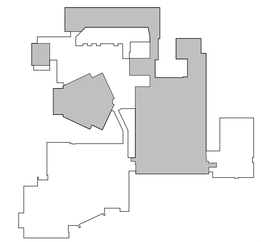


1 SECOND FLOOR DEMOLITION PLAN - AREA B
SCALE: 1" = 20'-0"



AREA B - KEY PLAN
SCALE: 1" = 160'-0"

PROJECT NORTH

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S. MANDIC	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
SECOND FLOOR DEMOLITION PLAN - AREA B

DRAWING No.
HS-AD 102.00

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DEMOLITION PLAN LEGEND

(NOT ALL MAY BE USED)

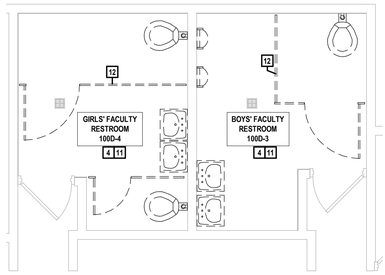
	INDICATES EXISTING TOILET PARITIONS TO BE REMOVED AND DISPOSED OF. SEE DEMOLITION NOTES FOR ADDITIONAL INFORMATION		INDICATES EXISTING DOOR TO BE REMOVED AND DISPOSED OF SEE DEMOLITION NOTES FOR ADDITIONAL INFORMATION
	INDICATES EXISTING WALL TO REMAIN	11	KEYED CONSTRUCTION NOTE INDICATOR
ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		

DEMOLITION NOTES - CONTRACT G

4	TOILET ACCESSORIES	REMOVE AND COORDINATE WITH OWNER STORAGE OR DISPOSAL OF EXISTING TOILET ACCESSORIES (MIRRORS, PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, SOAP DISPENSERS, HAND DRYERS, GRAB BARS, ETC.) & ALL SUPPORTING HARDWARE. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW TILE FINISH.
11	WALL TILE AND BASE	CONTRACTOR SHALL COMPLETELY ABATE, REMOVE AND DISPOSE OF ALL EXISTING CERAMIC WALL TILE COMPLETELY DOWN TO THE EXISTING MASONRY BACK UP WALL UNDERNEATH. REMOVALS SHALL INCLUDE TILE, THINSET, MORTAR SETTING BED, GROUT, REINFORCED MESH, TRIM, AND ALL DEVICES USED TO SECURE THE TILE IN PLACE. THE CONTRACTOR SHALL PREPARE WALL FOR NEW CERAMIC WALL TILE FINISH.
12	PARTITION SYSTEM	REMOVE AND DISPOSE OF EXISTING TOILET PARTITION SYSTEM

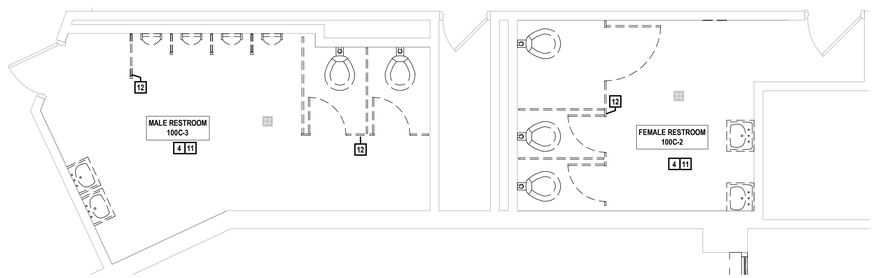
GENERAL DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES AND FINISHES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
4. CONTRACTORS SITE ACCESS AND BUILDING ENTRY POINT SHALL BE AS PER DRAWING HS-G 000.00 AND VERIFIED BY OWNER. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND ALL OTHER AREAS USED FOR ACCESS TO CONTRACT AREAS FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH & RESTORE ALL SURFACES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES VERIFY ALL ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.
7. THE CONTRACTOR SHALL REVIEW SCOPE OF DEMOLITION WORK WITH OWNER AND COORDINATE WHICH ITEMS WILL BE REMOVED CAREFULLY AND RETURNED TO DISTRICT.
8. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT TO DISCONNECT, REMOVE, AND STORE ALL REMOVABLE EQUIPMENT (INCLUDING CASEWORK, DESKS, CHAIRS, ETC.) TO PERFORM ALL REQUIRED DEMOLITION. UPON COMPLETION, CONTRACTOR SHALL REINSTALL ALL EQUIPMENT AND ENSURE PROPER WORKING CONDITION. CLEAN ALL SURFACES PRIOR TO SUBSTANTIAL COMPLETION.
9. PROTECTING EXISTING CEILING LIGHTING FIXTURES, INCLUDING, BUT NOT LIMITED TO THE FIXTURE, TRIM, SUPPORTS, AND ALL DEVICES USED TO SECURE THE LIGHTING IN PLACE.



1 **BOYS' AND GIRLS' RESTROOMS - EXSITING CONDITIONS**
SCALE: 1/4" = 1'-0"

PROJECT NORTH

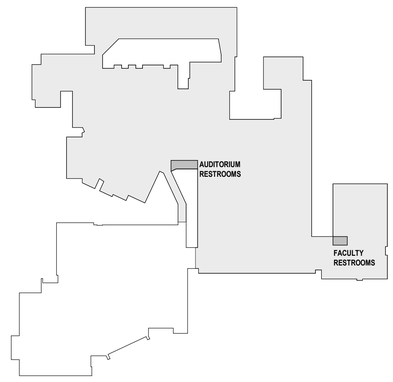


2 **AUDITORIUM RESTROOMS - DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"

PROJECT NORTH

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



3 **KEY PLAN - LEVEL 1**
SCALE: 1" = 100'-0"

PROJECT NORTH

H2M architects + engineers

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M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

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120 PRIMROSE ST
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SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

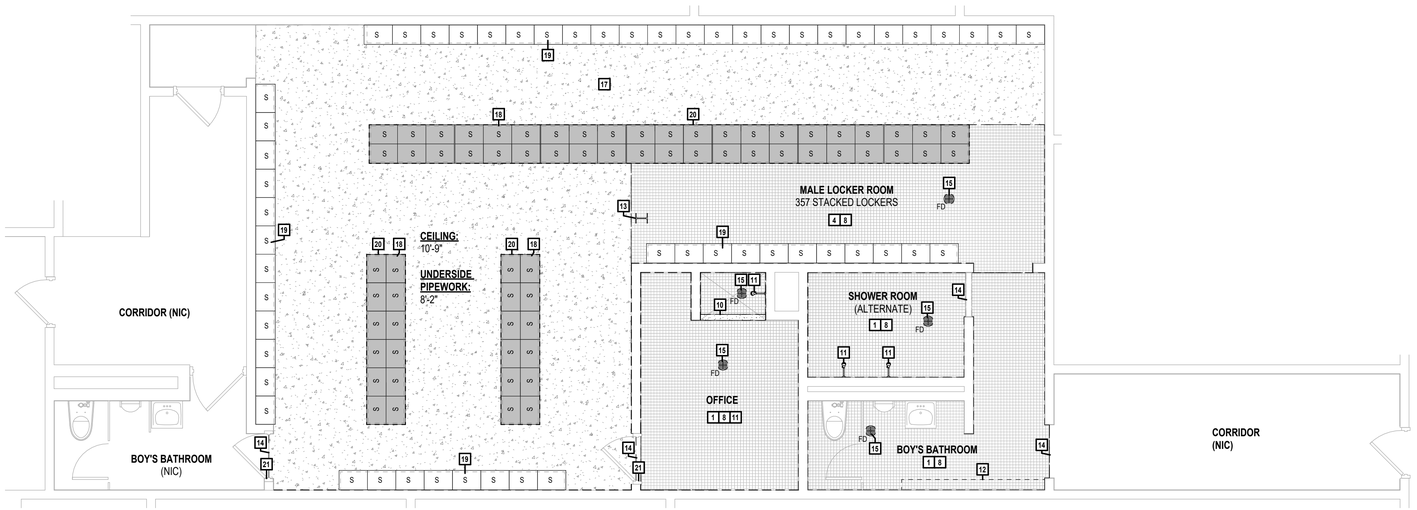
SHEET TITLE

RESTROOM UPGRADES DEMOLITION PLANS

DRAWING No.

HS-AD 430.00

11/10/2026 9:43:29 AM X:\S\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\SMSD2508_Bathroom Upgrades.rvt



1 MALE LOCKER ROOM - DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

DEMOLITION NOTES

1	FLOOR TILE	REMOVE AND DISPOSE OF EXISTING FLOOR FINISH AS IDENTIFIED. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING FINISHED FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCHING OF EXISTING MATERIALS IN EACH ROOM.
4	WALL MOUNTED FIXTURES	CAREFULLY REMOVE AND STORE ALL EXISTING WALL MOUNTED ITEMS U.N.O, STORE FOR REINSTALLATION, OR RETURN TO OWNER. THESE INCLUDE, BUT ARE NOT LIMITED TO: SIGNAGE, ARTWORK, HOOKS, CLOCK, CARD READERS, FIRE ALARMS & PA SYSTEM, AND ALL DEVICES USED TO SECURE THESE ITEMS IN PLACE. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW TILE FINISH. PATCH AND PAINT ANY UNUSED HOLES PRIOR TO COMPLETION OF THE PROJECT.
8	WALL TILE AND BASE	REMOVE AND DISPOSE OF EXISTING WALL TILE AND WALL BASE. SCRAPE PAINT FROM WALLS.
10	CONCRETE CURB	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB.
11	SHOWER FIXTURES	REMOVE AND DISPOSE OF EXISTING SHOWER FIXTURES.
12	RADIATOR COVER	REMOVE AND DISPOSE OF EXISTING RADIATOR COVER.
13	STEEL COLUMN	EXISTING STEEL COLUMN TO REMAIN. SCRAPE PAINT FROM STEEL COLUMN AND PREPARE FOR NEW PAINT APPLICATION.
14	DOOR THRESHOLD	REMOVE AND DISPOSE OF EXISTING DOOR THRESHOLD. PREPARE FLOOR SURFACE FOR NEW THRESHOLD TO BE INSTALLED.
15	FLOOR DRAIN COVER	REMOVE AND DISPOSE OF EXISTING FLOOR DRAIN COVER. VERIFY LOCATION IN FIELD.
17	CONCRETE FLOOR FINISH	EXSITING PAINTED CONCRETE FLOOR FINISH TO BE SCRAPED AND PREPARED FOR NEW FLOOR FINISH APPLICATION. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING FINISHED FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCHING OF EXISTING MATERIALS IN EACH ROOM.
18	4" CONCRETE PAD	EXISTING 4" CONCRETE PAD TO BE REMOVED. CONCRETE SHALL BE LEVEL WITH EXISTING FLOOR.
19	LOCKERS	EXISTING LOCKERS TO REMAIN - PROTECT AS REQUIRED.
20	LOCKERS TO BE REMOVED	REMOVE AND DISPOSE OF EXISTING LOCKERS AS IDENTIFIED.
21	DOOR FRAME	SCRAPE PAINT FROM EXISTING DOOR FRAME. PREPARE FOR NEW PAINT APPLICATION.

ASBESTOS ABATEMENT NOTES

1. ALL ASBESTOS ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028200 AND INDUSTRIAL CODE RULE 56.
2. MATERIALS TO BE REMOVED ARE ASSUMED TO CONTAIN THE PRESENCE OF ASBESTOS AND ARE SUBJECT TO VERIFICATION PRIOR TO CONSTRUCTION:
   - PIPE FITTINGS
   - PIPE INSULATION
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM PERSONAL AIR MONITORING ON ITS EMPLOYEES IN ACCORDANCE WITH OSHA REGULATIONS.
4. THIRD PARTY PROJECT MONITORING AND AIR SAMPLING SHALL BE CONDUCTED BY A CONSULTANT FIRM HIRED DIRECTLY BY THE OWNER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH.
6. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
7. ALL OPENINGS AND PENETRATIONS INCLUDING BUT NOT LIMITED TO WINDOWS, DOORS, DUCTS, LOUVERS AND GRILLES SHALL BE COVERED WITH A MINIMUM OF TWO (2) LAYERS OF 6 MIL PLASTIC.
8. REFER TO SPECIFICATION SECTION 028000 FOR SPECIFIC ABATEMENT PROCEDURES.

LEAD ABATEMENT NOTES

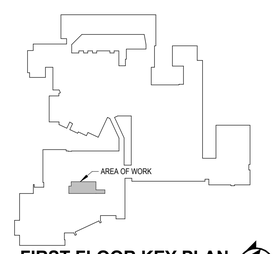
1. ALL LEAD ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028200 AND INDUSTRIAL CODE RULE 56.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH, AND KEEP REQUIRED POSTINGS AT SITE.
3. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
4. ALL MATERIALS ASSOCIATED WITH PROJECT HAVE BEEN TESTED FOR THE PRESENCE OF LEAD. THE FOLLOWING HAS BEEN FOUND TO BE ASSUMED CONTAINING LEAD AND SHALL BE ABATED IF AFFECTED BY THE PROPOSED WORK:

DEMOLITION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		INDICATES CERAMIC FLOOR TILE FOR REMOVAL
11	KEYED DEMOLITION NOTE INDICATOR	S	STACKED LOCKERS TOTAL #: 357 LOCKERS
FD	FLOOR DRAIN	S	REMOVED LOCKERS
	INDICATES EXISTING PAINTED CONCRETE FLOOR FINISH FOR REMOVAL		EXISTING DOOR TO REMAIN

GENERAL DEMOLITION NOTES

1. DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL STATE EDUCATION DEPARTMENT STANDARDS, ALL N.Y.S. AND TOWN APPLICABLE BUILDING CODES, AND LIFE AND SAFETY REGULATIONS.
2. ALL CONTRACTORS SHALL OBEY ALL CODES, STATUES, AND LAWS AS APPLICABLE TO DEMOLITION WORK IN AN OCCUPIED BUILDING AND FOR REMOVAL OF MATERIALS SAFELY FROM THE SITE, INCLUDING ALL OSHA REGULATIONS.
3. THE GENERAL CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE EXISTING BUILDING FROM DUST, WEATHER INCLEMENCY AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE AND BUILDING CONTENTS.
4. ALL CONTRACTORS SHALL DISPOSE OF ALL UNWANTED MATERIALS AND OTHER DEMOLITION DEBRIS OFF SITE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND ALL LAWS AND REGULATIONS.
5. ALL HOLES IN SLABS AND WALLS, INCLUDING FINAL PATCHING, ARE THE RESPONSIBILITY OF EACH CONTRACTOR FOR WHOM THE PENETRATIONS ARE REQUIRED, UON. HOLES THROUGH SLABS SHALL BE CORE DRILLED. WHERE CORE DRILLING IS NOT POSSIBLE, SLABS SHALL BE SAWCUT. PROVIDE REQUIRED FIRE-STOPPING PRIOR TO CONCEALING WORK.
6. ALL DEMOTION WORK SHALL BE PERFORMED BY CONTRACT 'G', UON. CONTRACT 'G' SHALL DEMOLISH ALL EXISTING CONSTRUCTION, INCLUDING, BUT LIMITED TO, FLOOR, WALL AND CEILING FINISHES, AS INDICATED, TO PROVIDED FINISHED CONSTRUCTION AS DESCRIBED IN THE CONTRACT DOCUMENTS, WHETHER OF NOT THE DEMOLITION IS SPECIFICALLY CALLED OUT.
7. CONTRACT 'E' SHALL MAINTAIN AND REROUTE ALL CIRCUITS SCHEDULED TO REMAIN.
8. CONTRACT "M" SHALL MAINTAIN AND REROUTE ALL HYDRONIC LINES AND CONTROL CIRCUITS SCHEDULED TO REMAIN.
9. BUILDING DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKE-OFFS AND FABRICATION OF MATERIALS.
10. OVER-DEMOLITION SHALL BE ALLOWED, PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, STRUCTURAL INTEGRITY AND APPEARANCE OF THOSE WHICH WERE REMOVED, IN CONFORMANCE WITH CONTRACT DOCUMENTS AND AT NO ADDITIONAL COST TO THE DISTRICT, UPON ROOM PERIMETER WALLS TO REMAIN INTACT, U.O.N.
11. PATCH CONCRETE FLOOR SMOOTH, LEVEL AND FLUSH AT ALL REMOVED ELEMENTS. FIRE-STOP ALL PENETRATIONS.
12. CONTRACT "G" SHALL COORDINATE DEMOLITION WORK WITH ALL ARCHITECTURAL, HVAC, ELECTRICAL TRADES, AND ROOM FINISH DRAWINGS.
13. REMOVE ALL EXISTING FINISHES SCHEDULED TO BE REMOVED PRIOR TO THE PROPER APPLICATION OF FINISHES TO A POINT WHERE WORKABLE SUBSTRATES OR UNDAMAGED ADJACENT FINISHES ARE REACHED, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED GUIDELINES AND INSTRUCTIONS.
14. STORE ALL MATERIALS TO BE REUSED SAFELY ON-SITE. TURN OVER ALL MATERIALS TO BE SAVED, BUT NOT REUSED, IN LOCATION PREDETERMINED AND/OR AS DIRECTED BY THE DISTRICT.
15. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNWANTED MATERIALS AND OTHER DEMOLITION DEBRIS OFF-SITE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND ALL APPLICABLE CODES, STATUTES AND LAWS.
16. PROVIDE TEMPORARY SUPPORT DURING DEMOLITION AT ALL LOCATIONS WHERE EXISTING PARTITIONS AND STRUCTURE ARE TO BE REMOVED.
17. CONTRACTOR'S ACCESS SHALL BE AS INDICATED IN THE CONTRACT DOCUMENTS, SUBJECT TO THE ACCEPTANCE OF THE OWNER AND CONSTRUCTION MANAGER. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING FINISHES SCHEDULED TO REMAIN ALONG THE ACCESS ROUTE AND ADJOINING SURFACES OUTSIDE THE CONTRACTOR OR SCOPE-OF-WORK, FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES AS DAMAGED DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT, AT NO ADDITIONAL COST TO OWNER.
18. REFER TO "M" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "M".
19. REFER TO "E" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "E".
20. GENERAL CONTRACTOR TO COORDINATE ALL CORE DRILLING AND TRENCHING WITH "M" AND "E" CONTRACTORS.
21. GENERAL CONTRACTOR SHALL CAREFULLY REMOVE AND TURN OVER TO THE DISTRICT ALL EXISTING LOOSE FURNITURE. THE CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF REMOVED ITEMS WITH THE DISTRICT PRIOR TO START OF NEW WORK. REMOVAL MAY INCLUDE DISPOSAL, AS DETERMINED BY THE DISTRICT.
22. THE "G" CONTRACTOR SHALL COORDINATE WITH THE "E" CONTRACTOR REGARDING THE REMOVAL AND DISPOSAL OF EXISTING ELECTRICAL RECEPTACLES.



FIRST FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029 Exp. Date

KATRINA N. PACHECO, R.A.

NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MALE LOCKER ROOM DEMOLITION PLANS, LEGENDS, AND NOTES

DRAWING No.

HS-AD 440.00

X:\SI\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Locker Rooms\SMSD2508_LockerRooms.rvt
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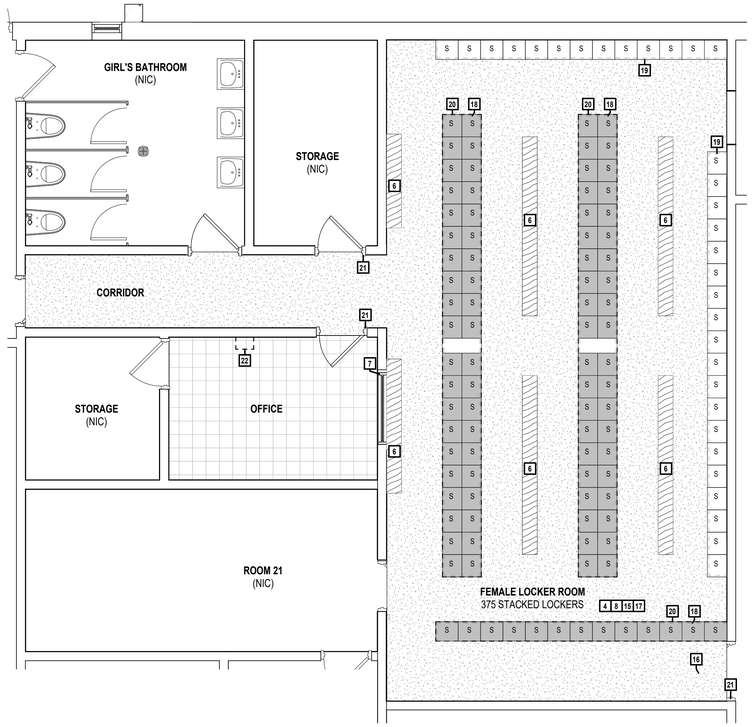

1 FEMALE LOCKER ROOM - DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

ASBESTOS ABATEMENT NOTES

1. ALL ASBESTOS ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS ALONG WITH SPECIFICATION SECTION 028200 AND INDUSTRIAL CODE RULE 56.
2. MATERIALS TO BE REMOVED ARE ASSUMED TO CONTAIN THE PRESENCE OF ASBESTOS AND ARE SUBJECT TO VERIFICATION PRIOR TO CONSTRUCTION:
   - PIPE FITTINGS
   - PIPE INSULATION
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM PERSONAL AIR MONITORING ON ITS EMPLOYEES IN ACCORDANCE WITH OSHA REGULATIONS.
4. THIRD PARTY PROJECT MONITORING AND AIR SAMPLING SHALL BE CONDUCTED BY A CONSULTANT FIRM HIRED DIRECTLY BY THE OWNER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILE FOR ALL PERMITS AND NOTIFY ALL REGULATORY AGENCIES AS REQUIRED FOR THE WORK AND PAY ALL FEES ASSOCIATED WITH SUCH.
6. UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT COPIES OF ALL WASTE MANIFEST AND LANDFILL RECEIPTS TO THE ARCHITECT AS PART OF THE REQUIRED CLOSEOUT DOCUMENTS.
7. ALL OPENINGS AND PENETRATIONS INCLUDING BUT NOT LIMITED TO WINDOWS, DOORS, DUCTS, LOUVERS AND GRILLES SHALL BE COVERED WITH A MINIMUM OF TWO (2) LAYERS OF 6 MIL PLASTIC.
8. REFER TO SPECIFICATION SECTION 028000 FOR SPECIFIC ABATEMENT PROCEDURES.

LEAD ABATEMENT NOTES

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4. ALL MATERIALS ASSOCIATED WITH PROJECT HAVE BEEN TESTED FOR THE PRESENCE OF LEAD. THE FOLLOWING HAS BEEN FOUND TO BE ASSUMED CONTAINING LEAD AND SHALL BE ABATED IF AFFECTED BY THE PROPOSED WORK:

PCB NOTES

1. ALL AREAS SCHEDULED TO BE DISTURBED OR DEMOLISHED DURING CONSTRUCTION UNDER THE SCOPE OF WORK OF THIS PROJECT HAVE BEEN TESTED FOR PCB CONTENT. THE FOLLOWING HAS BEEN FOUND TO BE ASSUMED ASBESTOS AND SHALL BE ABATED IF AFFECTED BY THE PROPOSED WORK:

DEMOLITION NOTES

4	WALL MOUNTED FIXTURES	CAREFULLY REMOVE AND STORE ALL EXISTING WALL MOUNTED ITEMS U.N.O, STORE FOR REINSTALLATION, OR RETURN TO OWNER. THESE INCLUDE, BUT ARE NOT LIMITED TO: SIGNAGE, ARTWORK, HOOKS, CLOCK, CARD READERS, FIRE ALARMS & PA SYSTEM, AND ALL DEVICES USED TO SECURE THESE ITEMS IN PLACE. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW TILE FINISH. PATCH AND PAINT ANY UNUSED HOLES PRIOR TO COMPLETION OF THE PROJECT.
6	BENCH	EXISTING BENCH TO BE REMOVED AND STORED DURING FLOORING WORK. PREPARE BENCH SURFACE AND PEDESTALS FOR NEW PAINT APPLICATION.
7	WINDOW FRAME	SCRAPE PAINT FROM EXISTING OFFICE WINDOW FRAME. PREPARE FRAME FOR NEW PAINT APPLICATION.
8	WALL TILE AND BASE	REMOVE AND DISPOSE OF EXISTING WALL TILE AND WALL BASE. SCRAPE PAINT FROM WALLS.
15	FLOOR DRAIN COVER	REMOVE AND DISPOSE OF EXISTING FLOOR DRAIN COVER. VERIFY LOCATION IN FIELD.
16	DOOR LEAF AND HARDWARE	REMOVE AND DISPOSE OF EXISTING DOOR LEAF AND HARDWARE.
17	CONCRETE FLOOR FINISH	EXSITING PAINTED CONCRETE FLOOR FINISH TO BE SCRAPED AND PREPARED FOR NEW FLOOR FINISH APPLICATION. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING FINISHED FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCHING OF EXISTING MATERIALS IN EACH ROOM.
18	4" CONCRETE PAD	EXISTING 4" CONCRETE PAD TO BE REMOVED. CONCRETE SHALL BE LEVEL WITH EXISTING FLOOR.
19	LOCKERS	EXISTING LOCKERS TO REMAIN - PROTECT AS REQUIRED.
20	LOCKERS TO BE REMOVED	REMOVE AND DISPOSE OF EXISTING LOCKERS AS IDENTIFIED.
21	DOOR FRAME	SCRAPE PAINT FROM EXISTING DOOR FRAME. PREPARE FOR NEW PAINT APPLICATION.
22	CEILING GRILLE	REMOVE AND DISPOSE OF EXISTING CEILNG GRILLE. PREPARE FOR INSTALLATION OF NEW CEILING GRILLE.

DEMOLITION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		INDICATES VCT FLOOR FINISH FOR WORK IN CONTRACT
11	KEYED DEMOLITION NOTE INDICATOR	S	STACKED LOCKERS TOTAL #: 363 LOCKERS
FD	FLOOR DRAIN	S	REMOVED LOCKERS
	INDICATES EXISTING PAINTED CONCRETE FLOOR FINISH FOR REMOVAL		EXISTING DOOR TO REMAIN

GENERAL DEMOLITION NOTES

1. DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL STATE EDUCATION DEPARTMENT STANDARDS, ALL N.Y.S. AND TOWN APPLICABLE BUILDING CODES, AND LIFE AND SAFETY REGULATIONS.
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8. CONTRACT "M" SHALL MAINTAIN AND REROUTE ALL HYDRONIC LINES AND CONTROL CIRCUITS SCHEDULED TO REMAIN.
9. BUILDING DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKE-OFFS AND FABRICATION OF MATERIALS.
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18. REFER TO "M" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "M".
19. REFER TO "E" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "E".
20. GENERAL CONTRACTOR TO COORDINATE ALL CORE DRILLING AND TRENCHING WITH "M" AND "E" CONTRACTORS.
21. GENERAL CONTRACTOR SHALL CAREFULLY REMOVE AND TURN OVER TO THE DISTRICT ALL EXISTING LOOSE FURNITURE. THE CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF REMOVED ITEMS WITH THE DISTRICT PRIOR TO START OF NEW WORK. REMOVAL MAY INCLUDE DISPOSAL, AS DETERMINED BY THE DISTRICT.
22. THE "G" CONTRACTOR SHALL COORDINATE WITH THE "E" CONTRACTOR REGARDING THE REMOVAL AND DISPOSAL OF EXISTING ELECTRICAL RECEPTACLES.



FIRST FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183 — Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

FEMALE LOCKER ROOM DEMOLITION PLANS, LEGENDS, AND NOTES

DRAWING No.

HS-AD 441.00

X:\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Locker Rooms\SMSD2508_LockerRooms.rvt

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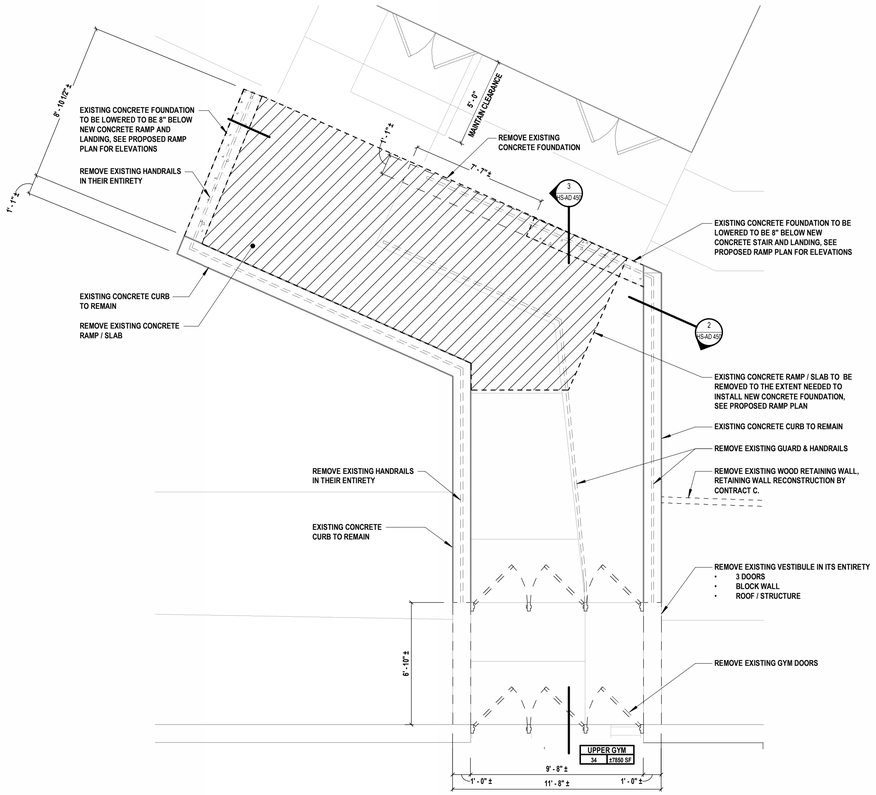
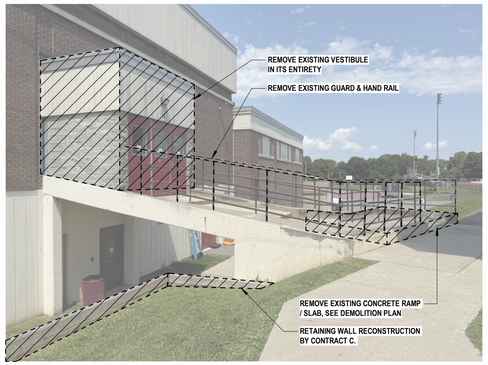


1 EXTERIOR GYM RAMP - DEMOLITION PLAN - ALTERNATE

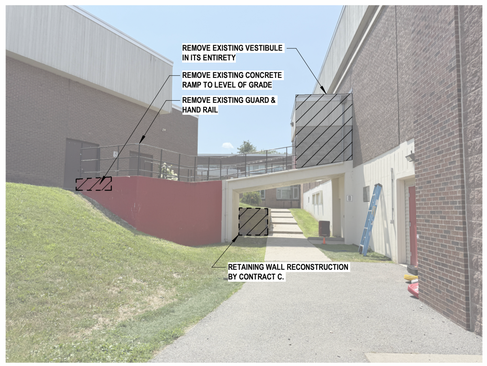
SCALE: 1/4" = 1'-0"

PROJECT NORTH



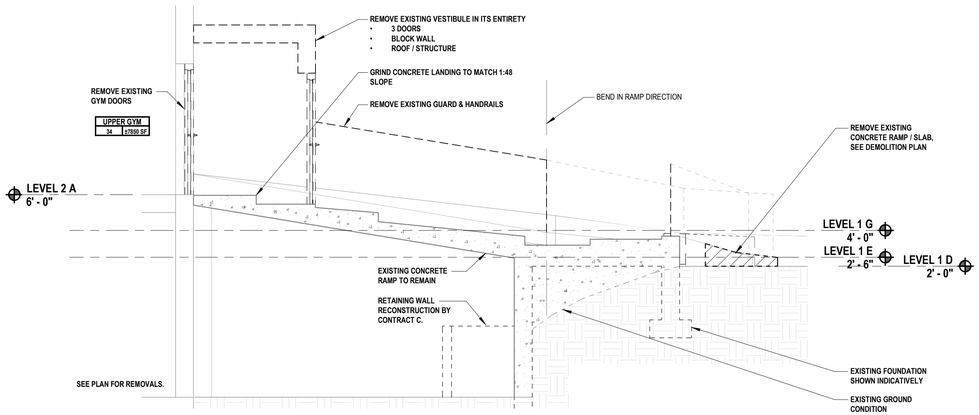
4 GYM RAMP - EXISTING CONDITION (EAST) - ALTERNATE

N.T.S.



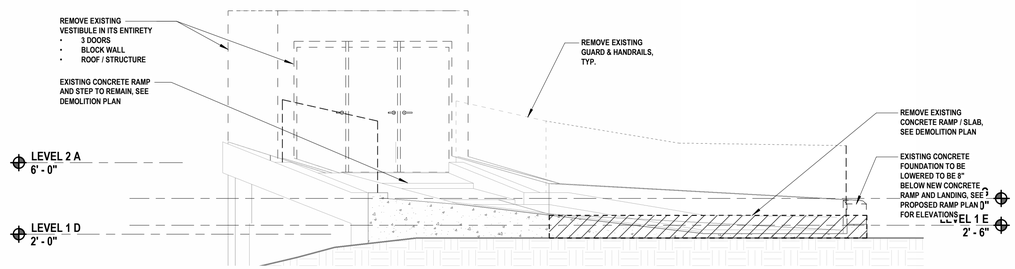
5 GYM RAMP - EXISTING CONDITIONS (WEST) - ALTERNATE

N.T.S.



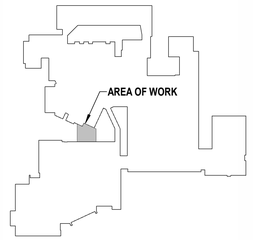
3 EXTERIOR GYM RAMP - DEMOLITION SECTION A - ALTERNATE

SCALE: 1/4" = 1'-0"



2 EXTERIOR GYM RAMP - DEMOLITION SECTION B - ALTERNATE

SCALE: 1/4" = 1'-0"



SECOND FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

GENERAL DEMOLITION NOTES - ALTERNATE

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8. BUILDING DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKE-OFFS AND FABRICATION OF MATERIALS.
9. OVER-DEMOLITION SHALL BE ALLOWED, PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, STRUCTURAL INTEGRITY AND APPEARANCE OF THOSE WHICH WERE REMOVED, IN CONFORMANCE WITH CONTRACT DOCUMENTS AND AT NO ADDITIONAL COST TO THE DISTRICT, UPON ROOM PERIMETER WALLS TO REMAIN INTACT, U.O.N.
10. PATCH CONCRETE FLOOR SMOOTH, LEVEL AND FLUSH AT ALL REMOVED ELEMENTS. FIRE-STOP ALL PENETRATIONS.
11. REMOVE ALL EXISTING FINISHES SCHEDULED TO BE REMOVED PRIOR TO THE PROPER APPLICATION OF FINISHES TO A POINT WHERE WORKABLE SUBSTRATES OR UNDAMAGED ADJACENT FINISHES ARE REACHED, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED GUIDELINES AND INSTRUCTIONS.
12. STORE ALL MATERIALS TO BE REUSED SAFELY ON-SITE. TURN OVER ALL MATERIALS TO BE SAVED, BUT NOT REUSED, IN LOCATION PREDETERMINED AND/OR AS DIRECTED BY THE DISTRICT.
13. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNWANTED MATERIALS AND OTHER DEMOLITION DEBRIS OFF-SITE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND ALL APPLICABLE CODES, STATUTES AND LAWS.
14. PROVIDE TEMPORARY SUPPORT DURING DEMOLITION AT ALL LOCATIONS WHERE EXISTING PARTITIONS AND STRUCTURE ARE TO BE REMOVED.
15. CONTRACTOR'S ACCESS SHALL BE AS INDICATED IN THE CONTRACT DOCUMENTS, SUBJECT TO THE ACCEPTANCE OF THE OWNER AND CONSTRUCTION MANAGER. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING FINISHES SCHEDULED TO REMAIN ALONG THE ACCESS ROUTE AND ADJOINING SURFACES OUTSIDE THE CONTRACTOR OR SCOPE-OF-WORK, FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES AS DAMAGED DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT, AT NO ADDITIONAL COST TO OWNER.
16. REFER TO "E" DRAWINGS FOR DEMOLITION AND REMOVAL WORK UNDER CONTRACT "E".
17. GENERAL CONTRACTOR TO COORDINATE ALL CORE DRILLING AND TRENCHING WITH "E" CONTRACTORS.

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
C. HENRY	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

GYM EXTERIOR RAMP DEMOLITION PLAN ALTERNATE

DRAWING No.

HS-AD 450.00

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CONTRACT G SCOPE

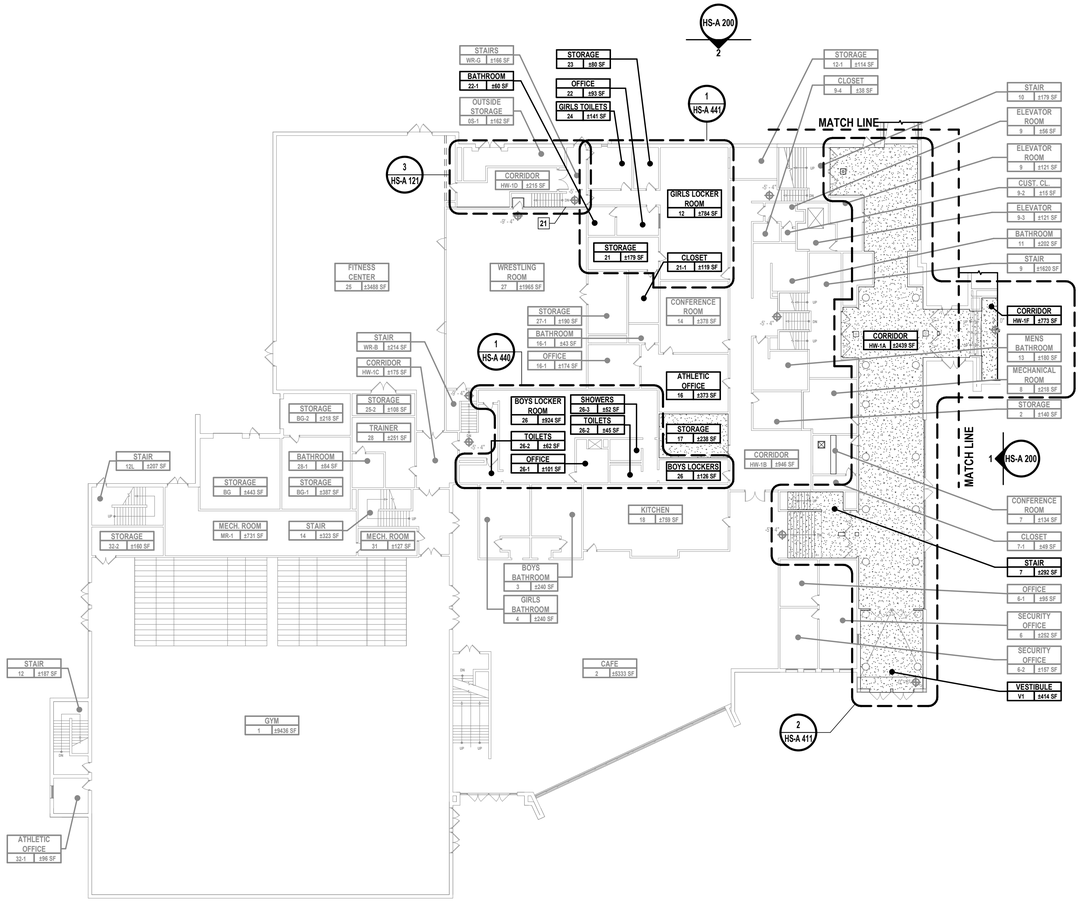
21	DUCT PENETRATION	EXISTING DUCT PENETRATION, PROTECT IN PLACE.

LEGEND

ROOM 000 SF — INDICATES ROOM DESIGNATION TAGS	A — WINDOW OR GLAZING REPLACEMENT. REFER TO DOOR AND WINDOW SCHEDULE.
INDICATES SPOT ELEVATIONS AT LEVEL CHANGES	# — DOOR AND/OR DOOR REPLACEMENT.

FLOORING LEGEND

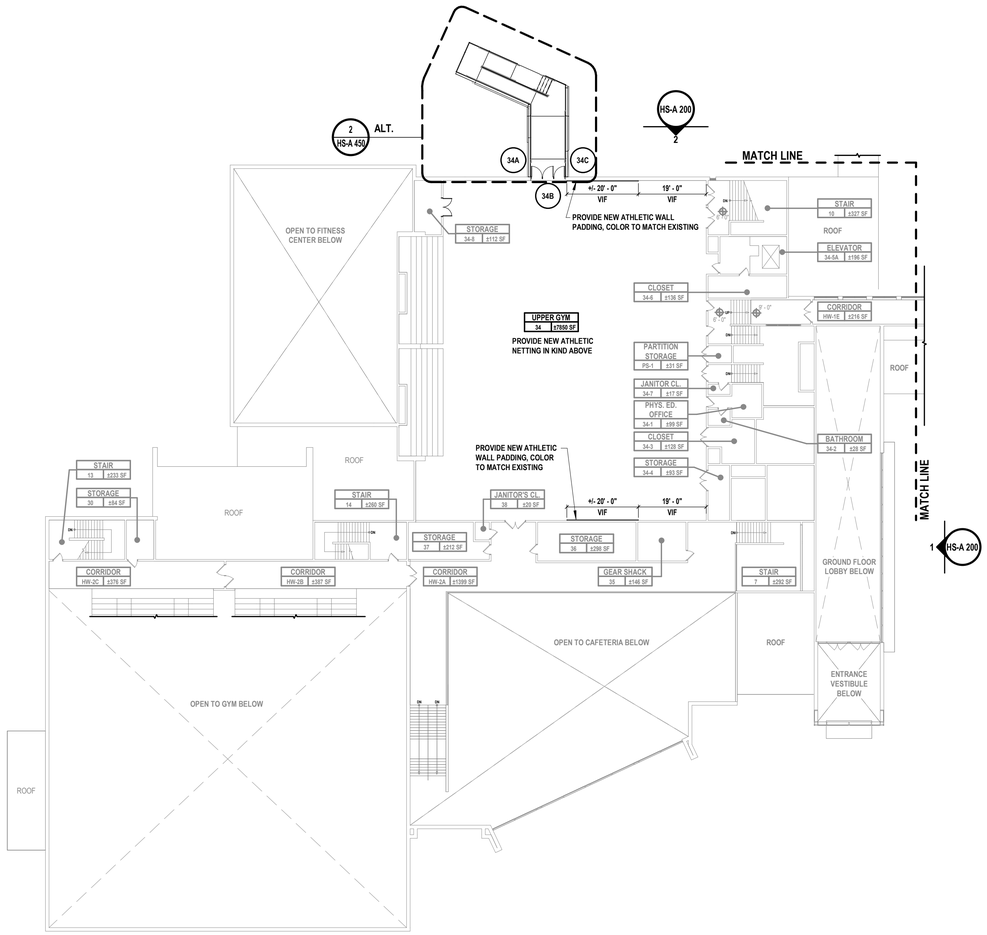
	NEW EPOXY FLOORING AND WALL BASE IN THE AREA INDICATED



1 FIRST FLOOR CONSTRUCTION PLAN - AREA A

SCALE: 1" = 20'-0"

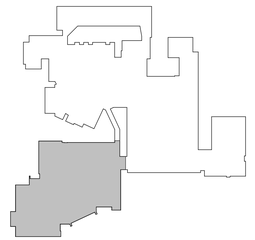
PROJECT NORTH



2 SECOND FLOOR CONSTRUCTION PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH



AREA A - KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

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LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

FIRST & SECOND FLOOR CONSTRUCTION PLAN - AREA A

DRAWING No.

HS-A 100.00

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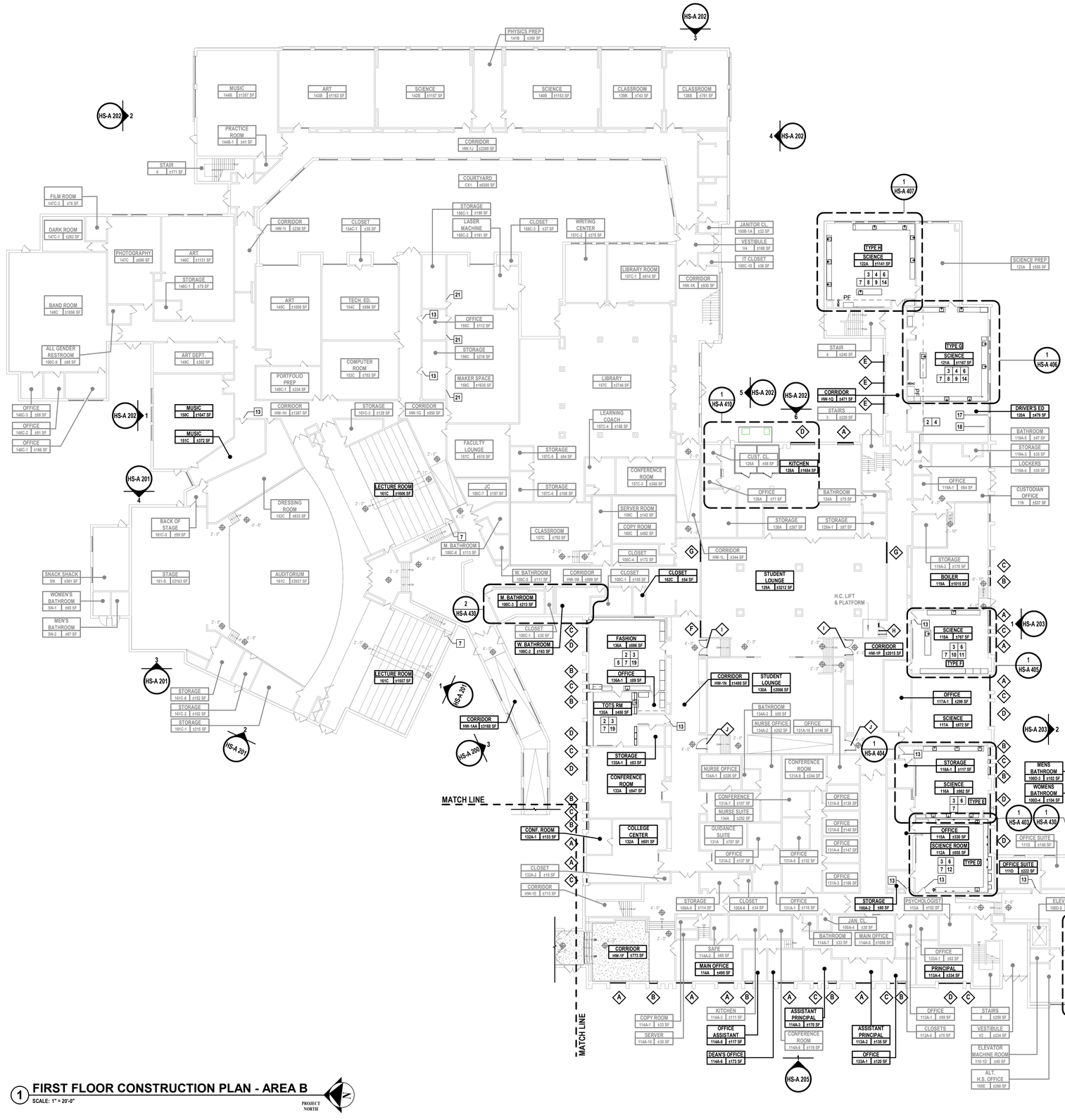
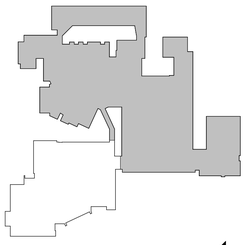


1 **FIRST FLOOR CONSTRUCTION PLAN - AREA B**
SCALE: 1" = 20'-0"



AREA B - KEY PLAN
SCALE: 1" = 160'-0"

LEGEND

ROOM 000 SF — INDICATES ROOM DESIGNATION TAGS	A — WINDOW OR GLAZING REPLACEMENT. REFER TO DOOR AND WINDOW SCHEDULE.
INDICATES SPOT ELEVATIONS AT LEVEL CHANGES	# — DOOR AND/OR DOOR REPLACEMENT.

FLOORING LEGEND

	NEW EPOXY FLOORING AND WALL BASE IN THE AREA INDICATED

CONTRACT G SCOPE

2	CEILING	INSTALL NEW SUSPENDED CEILING SYSTEM WITH 2'X2' LAY-IN ACOUSTIC PANELS. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. STORE AND REINSTALL ALL LIGHTING. STORE AND REINSTALL EXISTING EQUIPMENT INCLUDING,BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS, STROBES AND SUPPLY AND RETURN GRILLES BACK TO THEIR ORIGINAL LOCATIONS.
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
4	UNIT VENTILATOR	'M' CONTRACTOR TO FURNISH AND INSTALL NEW UNIT VENTILATOR,COORDINATE WITH MC.
5	RADIATOR COVER	FURNISH AND INSTALL NEW RADIATOR COVER.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
8	FUME HOOD	'G' CONTRACTOR TO INSTALL NEW ADA ACCESSIBLE FUME HOOD 'M','E', & 'P' TO PROVIDE NEW UTILITY CONNECTIONS.
9	EMERGENCY EYE WASH/ SHOWER STATION	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH AND SHOWER STATION, COORDINATE WITH PC.
10	EYE WASH	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH, COORDINATE WITH PC.
11	OUTLETS	'E' CONTRACTOR TO FURNISH AND INSTALL NEW OUTLETS AND CONDUIT, COORDINATE WITH EC.
12	GAS FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW GAS BIBS, COORDINATE WITH PC.
13	DOOR CLOSER	PROVIDE NEW DOOR CLOSER IN KIND.
14	GAS & WATER FAUCET	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H/G FAUCETS, COORDINATE WITH PC.
17	UV PIPE COVERING	PROVIDE AND INSTALL PIPE COVERING. COORDINATE WITH MC.
18	UV FINISH REPAIRS	PROVIDE AND INSTALL NEW FLOORING AS SCHEDULED TO COVER EXTENTS OF MECHANICAL REMOVALS. REPAIR AND PAINT ANY WALL FINISHES IMPACTED BY MECHANICAL WORK. COORDINATE WITH MC.
19	SINK	'P' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH GC.
21	DUCT PENETRATION	EXISTING DUCT PENETRATION, PROTECT IN PLACE.

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CONSULTANTS:

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L. RAUSCHER	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

Forward in Excellence

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FIRST FLOOR CONSTRUCTION PLAN - AREA B

DRAWING No.
HS-A 101.00

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LEGEND

ROOM 000 SF — INDICATES ROOM DESIGNATION TAGS	A — WINDOW OR GLAZING REPLACEMENT. REFER TO DOOR AND WINDOW SCHEDULE.
INDICATES SPOT ELEVATIONS AT LEVEL CHANGES	# — DOOR AND/OR DOOR REPLACEMENT.

FLOORING LEGEND

	NEW EPOXY FLOORING AND WALL BASE IN THE AREA INDICATED

CONTRACT G SCOPE

17	UV PIPE COVERING	PROVIDE AND INSTALL PIPE COVERING. COORDINATE WITH MC.
18	UV FINISH REPAIRS	PROVIDE AND INSTALL NEW FLOORING AS SCHEDULED TO COVER EXTENTS OF MECHANICAL REMOVALS. REPAIR AND PAINT ANY WALL FINISHES IMPACTED BY MECHANICAL WORK. COORDINATE WITH MC.

1 **SECOND FLOOR CONSTRUCTION PLAN - AREA B**
SCALE: 1" = 20'-0"

AREA B - KEY PLAN
SCALE: 1" = 160'-0"

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CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
SECOND FLOOR CONSTRUCTION PLAN - AREA B

DRAWING No.
HS-A 102.00

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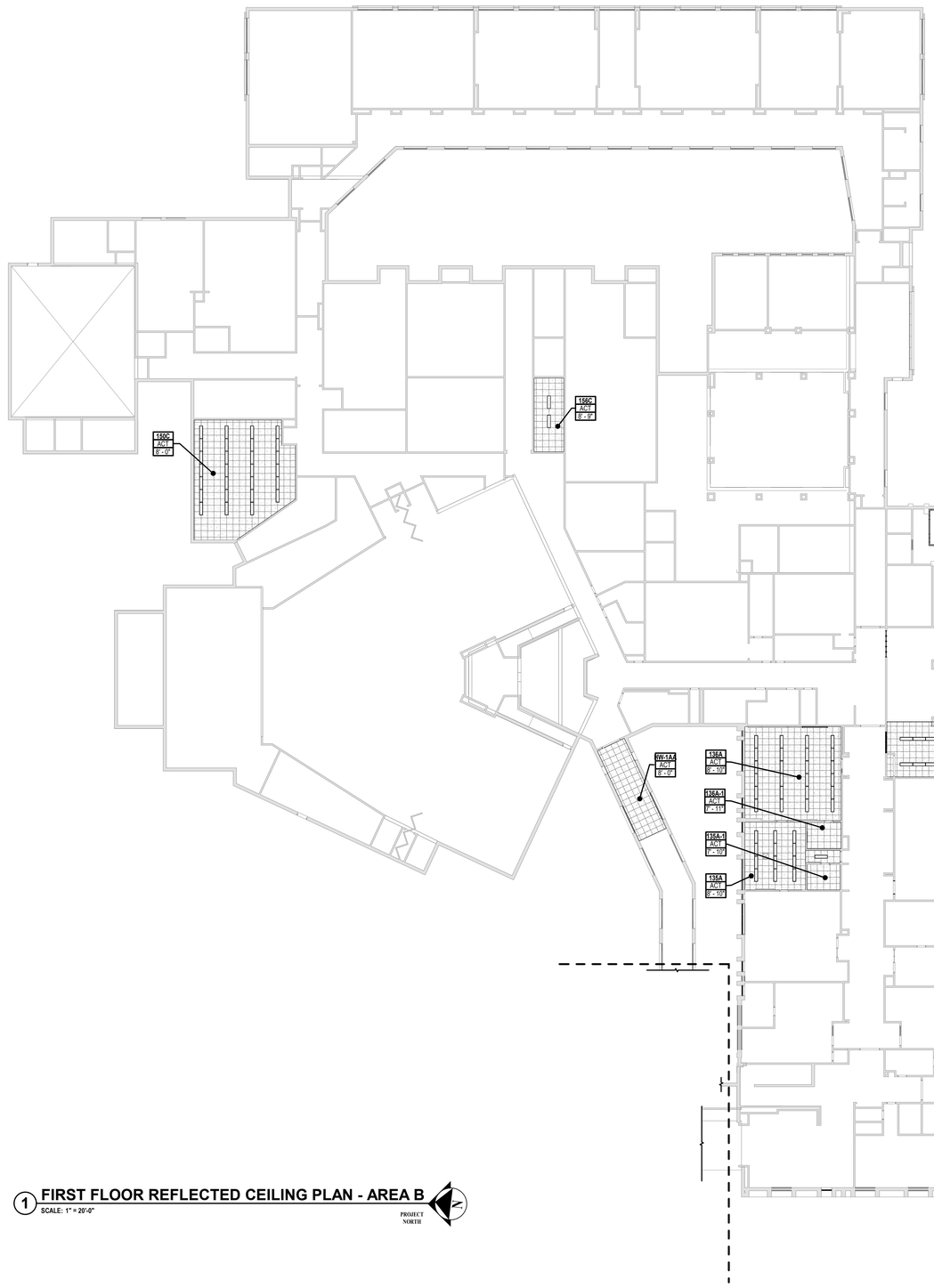
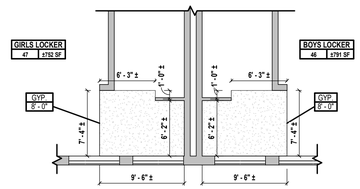


1 FIRST FLOOR REFLECTED CEILING PLAN - AREA B

SCALE: 1" = 20'-0"

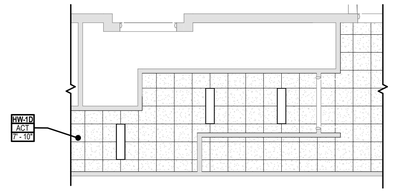
PROJECT NORTH



2 BASEMENT - AREA A - LOCKER ROOMS RCP

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

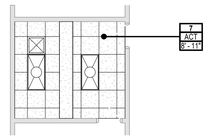
PROJECT NORTH



3 FIRST FLOOR - AREA A - CONFERENCE ROOM HW-1D - RCP

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

PROJECT NORTH



4 FIRST FLOOR - AREA A - CONFERENCE ROOM 7 - RCP

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

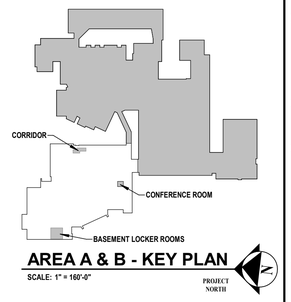
PROJECT NORTH

REFLECTED CEILING PLAN LEGEND

SAC-22A INDICATED AREA OF EXISTING CEILING GRID AND TILE SYSTEM TO BE REMOVED AND REPLACED WITH NEW 2'x2' CEILING GRID AND PANEL SYSTEM	NAME / NO. — ROOM TAG
INDICATED AREA OF EXISTING GYP. CEILING TO BE REPAIRED	EXISTING 2'X4' LIGHT FIXTURE TO REMAIN
EXISTING 1'X4' LIGHT FIXTURE TO REMAIN	EXISTING 2'X2' LIGHT FIXTURE TO REMAIN

GENERAL WORK NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
2. ALL EXISTING CEILING-MOUNTED DEVICES (EXIT SIGNS, OCCUPANCY SENSORS, SMOKE DETECTORS, SPEAKERS, ETC.) WHICH WERE REMOVED, STORED AND PROTECTED ARE TO BE REINSTALLED IN THEIR PREVIOUS LOCATIONS AFTER THE INSTALLATION OF THE NEW CEILING SYSTEM BY THE CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR.



AREA A & B - KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

BASEMENT AND FIRST FLOOR RELECTED CEILING PLANS AREAS A & B

DRAWING No.

HS-A 121.00

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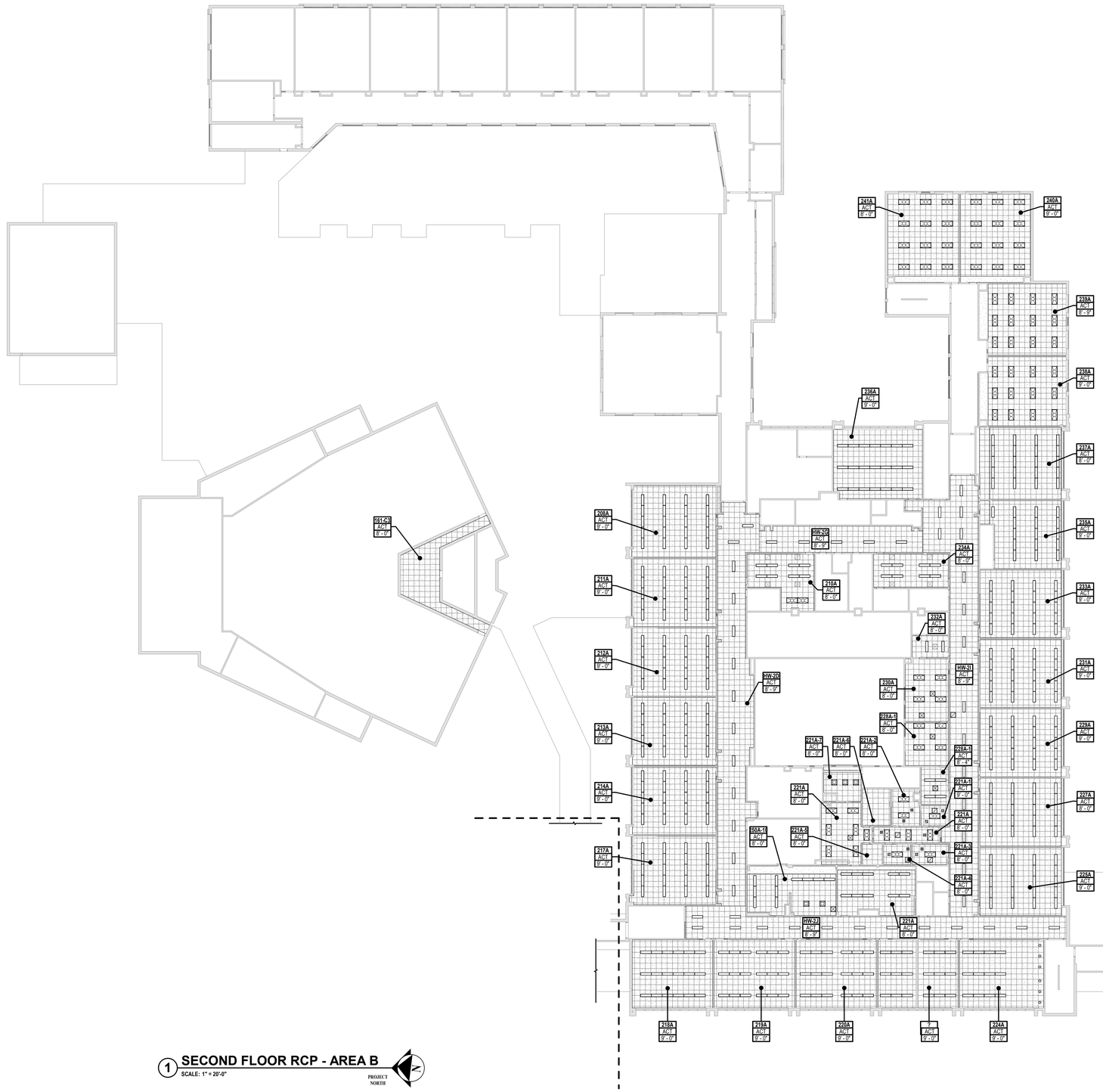
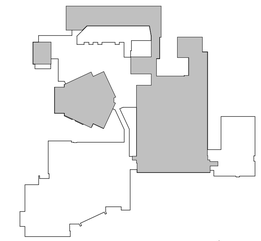


1 SECOND FLOOR RCP - AREA B
SCALE: 1" = 20'-0"
PROJECT NORTH



AREA B - KEY PLAN
SCALE: 1" = 160'-0"
PROJECT NORTH

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SAC-22A INDICATED AREA OF EXISTING CEILING GRID AND TILE SYSTEM TO BE REMOVED AND REPLACED WITH NEW 2'x2' CEILING GRID AND PANEL SYSTEM	NAME / NO. — ROOM TAG
INDICATED AREA OF EXISTING GYP. CEILING TO BE REPAIRED	EXISTING 2'X4' LIGHT FIXTURE TO REMAIN
EXISTING 1'X4' LIGHT FIXTURE TO REMAIN	EXISTING 2'X2' LIGHT FIXTURE TO REMAIN

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CONTRACT
GENERAL CONSTRUCTION

STATUS
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SHEET TITLE
SECOND FLOOR REFLECTED CEILING PLAN- AREA B

DRAWING No.
HS-A 122.00

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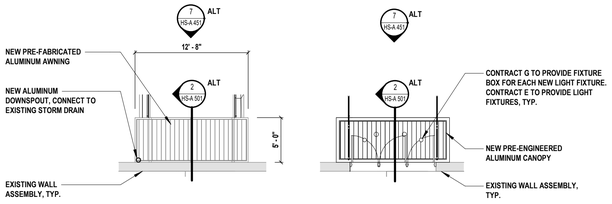


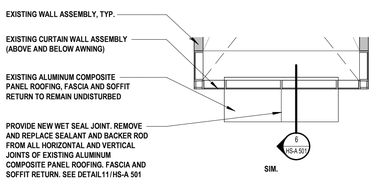
EAST CANOPY ROOF PLAN

EAST CANOPY RCP

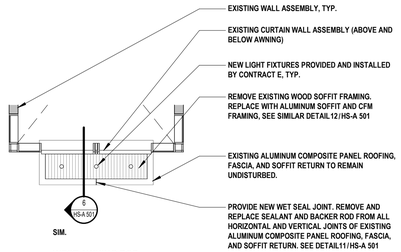
1 EAST PRE-ENGINEERED CANOPY ROOF & CEILING PLAN - ALTERNATE

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

PROJECT NORTH



WEST AWNING ROOF PLAN

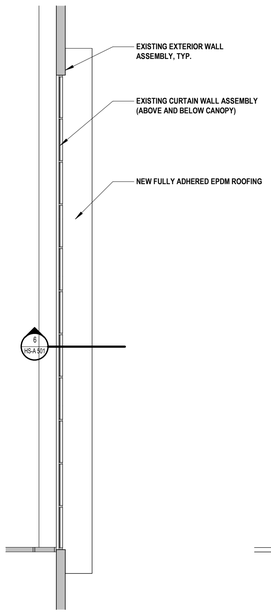


WEST AWNING RCP

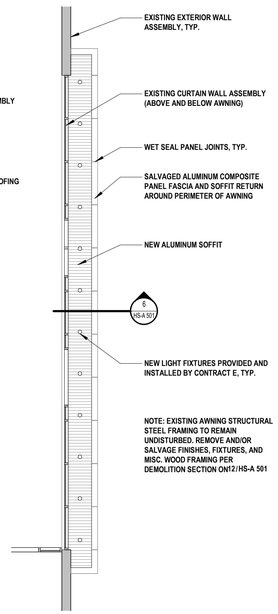
2 WEST AWNING ROOF & CEILING PLAN

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

PROJECT NORTH



SOUTH AWNING ROOF PLAN



SOUTH AWNING RCP

3 SOUTH AWNING ROOF & CEILING PLAN

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

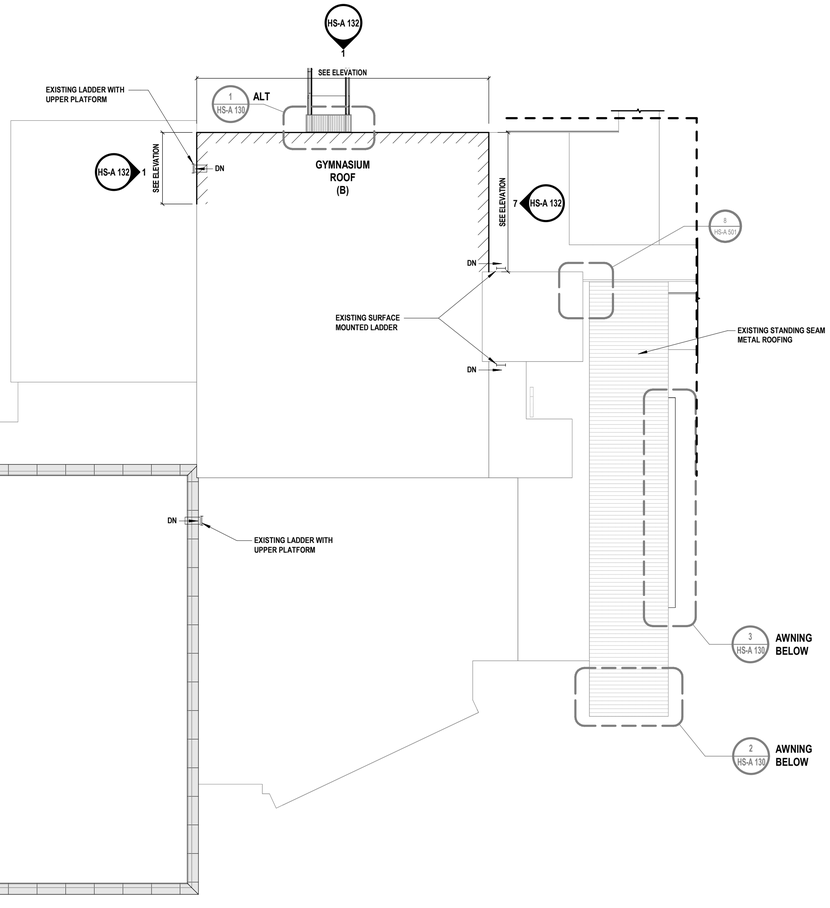
PROJECT NORTH

GENERAL ROOF CONSTRUCTION LEGEND

VIEW NUMBER 0 / 000 SHEET NUMBER	KEYED ELEVATION VIEW		SCRAPE, PRIME, AND REPAINT WOOD WALL AND/OR SOFFIT PANELING. SEE WALL ELEVATIONS AND APPROXIMATE LINEAR DISTANCE REFERENCES ON ROOF PLAN
			REMOVE AND REPLACE SEALANT AND BACKER ROD FROM ALL HORIZONTAL AND VERTICAL JOINTS OF EXISTING ALUMINUM COMPOSITE PANEL CORNICE AND COPING. REFERENCE CORNICE SECTIONS AS INDICATED ON PLAN

GENERAL NOTES:

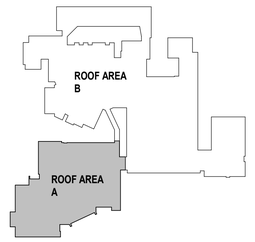
1. CONTRACT 'G' SHALL PROVIDE ROOF DECK SUPPORTS AT ANY NEW ROOF DECK PENETRATION LARGER THAN 8"x8". UNLESS OTHERWISE NOTED, PROVIDE FOUR (4) 4x4x1/4 FRAMING ANGLES AROUND OPENING, FLUSH WITH BOTTOM OF DECK. TWO (2) ANGLES MUST SPAN BETWEEN EXISTING ROOF BEAMS AND / OR ROOF JOISTS AND BE WELDED TO BEAMS AND/OR JOISTS.



4 OVERALL ROOF PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH



OVERALL - KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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M. MAGAZU	M. SIMKULET	M. MAGAZU	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ROOF PLAN - AREA A

DRAWING No.

HS-A 130.00

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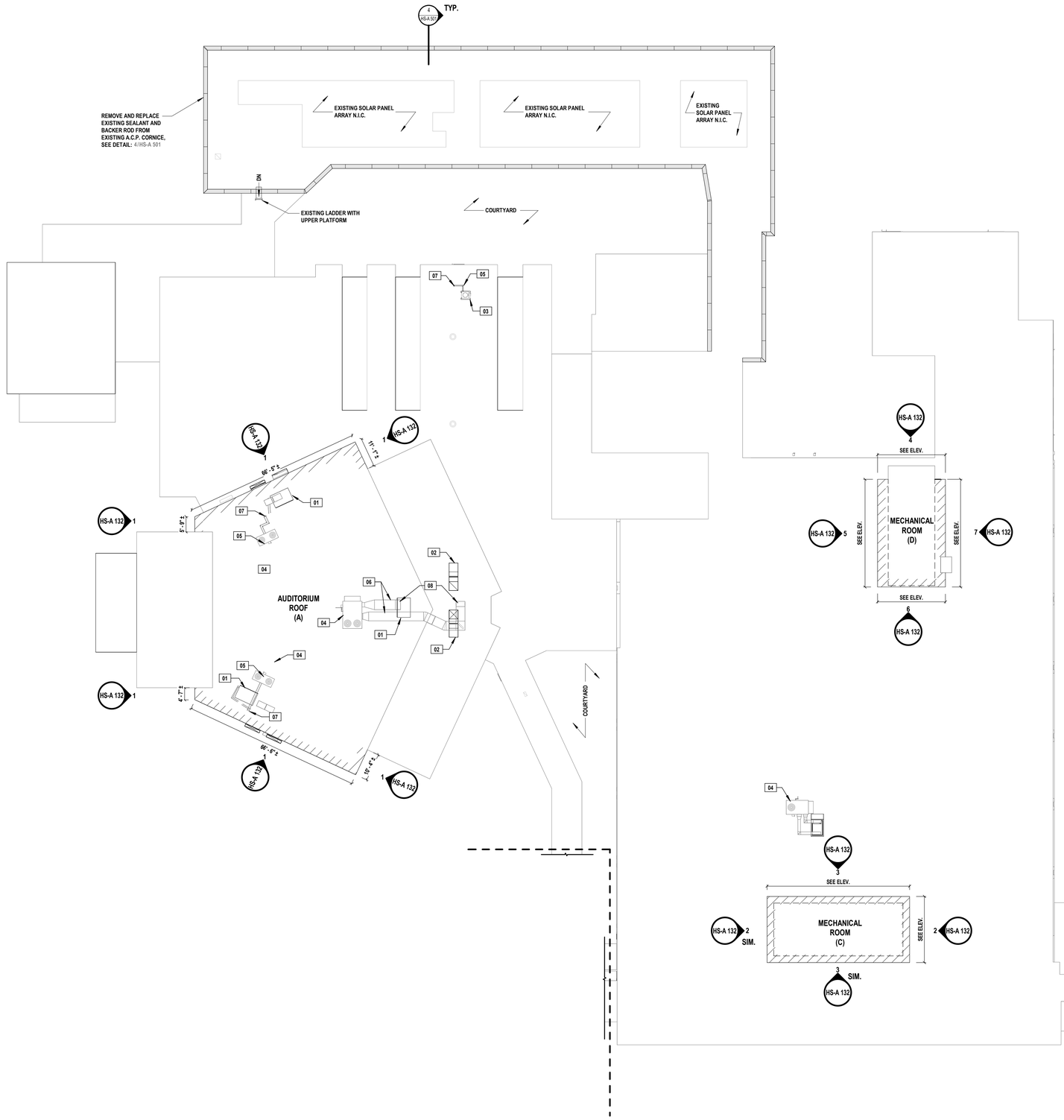

1 OVERALL ROOF PLAN - AREA B

SCALE: 1" = 20'-0"

PROJECT NORTH

ROOFING KEY NOTES

01	EXISTING RTU AND CURB TO BE REMOVED BY CONTRACT "M", THE DISTURBED ROOF AREA AROUND THE EXISTING RTU SHALL BE RESTORED BY CONTRACT "G". PROVIDE 90 MIL EPDM ROOF MEMBRANE WITH POLYISO RIGID INSULATION AND COVER BOARD TO MATCH ROOF SYSTEM. PATCH ALL ABANDONED ROOF DECK OPENINGS LARGER THAN 8"x8" WITH ROOF DECKING TO MATCH EXISTING, OPENINGS 8"x8" OR LESS TO BE PATCH WITH MINIMUM 14 GAUGE GALV. STEEL SHEET.
02	EXISTING MECHANICAL DUCT TO BE REMOVED BY CONTRACT "M", THE DISTURBED ROOF AREA SHALL BE RESTORED BY CONTRACT "G". PROVIDE 90 MIL EPDM ROOF MEMBRANE WITH POLYISOCYANURATE RIGID INSULATION AND COVER BOARD TO MATCH EXISTING ROOF SYSTEM. PATCH ALL ABANDONED ROOF DECK OPENINGS LARGER THAN 8"x8" WITH ROOF DECKING TO MATCH EXISTING, OPENINGS 8"x8" OR LESS TO BE PATCH WITH MINIMUM 14 GAUGE GALV. STEEL SHEET.
03	NEW EQUIPMENT RAILS PROVIDED BY CONTRACT "M" AND INSTALLED BY CONTRACT "G". PROVIDE NEW CRICKET USING TAPERED RIGID INSULATION (3/8" SLOPE MIN.) AS REQUIRED TO DIVERT STORM DRAINAGE AROUND NEW EQUIPMENT RAILS. SEE DETAIL 5/HS-A 501.
04	NEW RTU AND EQUIPMENT CURB. REFER TO DETAIL 1/HS-A 501. PROVIDE NEW EPDM FLASHING AND CRICKET USING TAPERED RIGID INSULATION (3/8" / FT SLOPE MIN.) AS REQUIRED TO DIVERT STORM DRAINAGE AROUND NEW CURB.
05	NEW CONDENSATE PIPING, COORDINATE WITH CONTRACT "M" FOR EQUIPMENT RAIL SUPPORT QTY. AND LOCATIONS. EQUIPMENT RAILS TO BE PROVIDED BY CONTRACT "M" AND INSTALLED BY CONTRACT "G". REFER TO DETAIL 5/HS-A 501
06	NEW MECHANICAL DUCTWORK, COORDINATE WITH CONTRACT "M" FOR EQUIPMENT RAIL SUPPORT QTY. AND LOCATIONS. EQUIPMENT RAILS TO BE PROVIDED BY CONTRACT "M" AND INSTALLED BY CONTRACT "G". REFER TO DETAIL 5/HS-A 501.
07	NEW PIPE CURB PROVIDED BY CONTRACT "M" AND INSTALLED BY CONTRACT "G", REFER TO SIMILAR DETAIL 1/HS-A 501.
08	NEW THROUGH ROOF DUCT CURB PROVIDED BY CONTRACT "M" AND INSTALLED BY CONTRACT "G", REFER TO DETAIL 7/HS-A 501.

GENERAL ROOF CONSTRUCTION LEGEND

VIEW NUMBER 0 / SHEET NUMBER 000	KEYED ELEVATION VIEW		SCRAPE, PRIME, AND REPAINT WOOD WALL AND/OR SOFFIT PANELING. SEE WALL ELEVATIONS AND APPROXIMATE LINEAR DISTANCE REFERENCES ON ROOF PLAN
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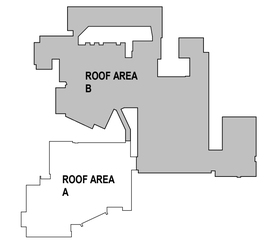

OVERALL - KEY PLAN

SCALE: 1" = 160'-0"

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M. MAGAZU	M. SIMKULET	M. MAGAZU	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ROOF PLAN - AREA B

DRAWING No.

HS-A 131.00

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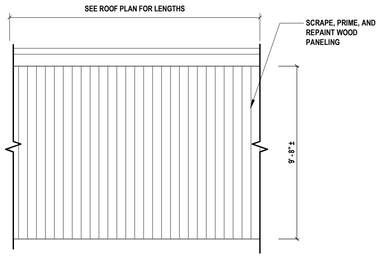
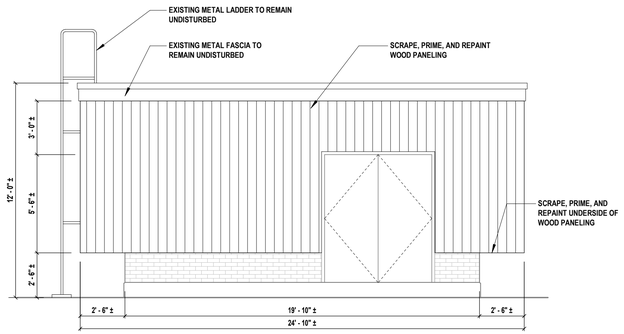
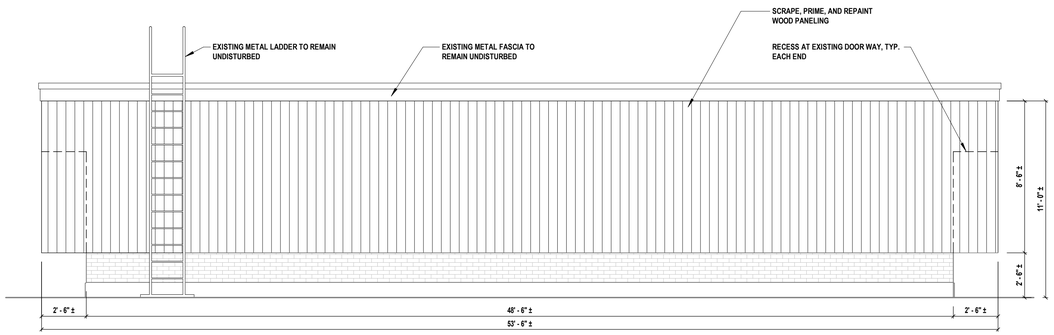


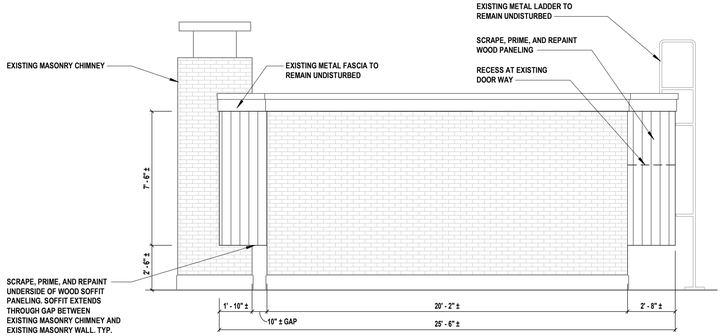
1 WOOD PANEL WALL PARTIAL ELEVATION
SCALE: 1/4" = 1'-0"



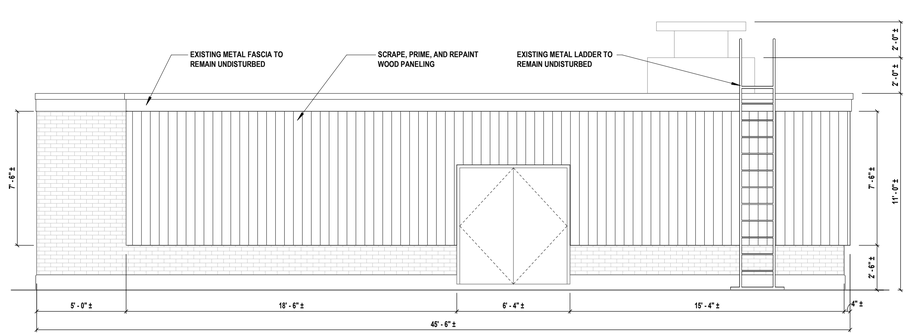
2 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM C
SCALE: 1/4" = 1'-0"



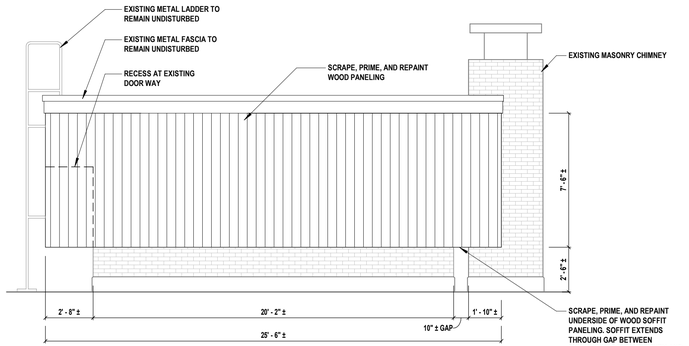
3 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM C
SCALE: 1/4" = 1'-0"



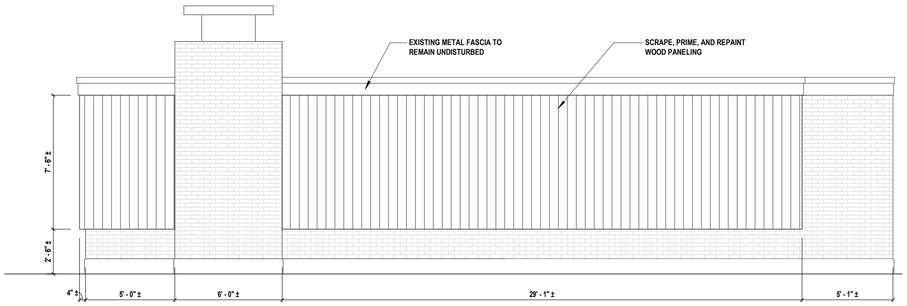
4 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM D
SCALE: 1/4" = 1'-0"



5 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM D
SCALE: 1/4" = 1'-0"



6 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM D
SCALE: 1/4" = 1'-0"



7 WOOD PANEL WALL ELEVATION - MECHANICAL ROOM D
SCALE: 1/4" = 1'-0"

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CONSULTANTS:

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REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
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C. HENRY	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ROOF ELEVATIONS

DRAWING No.

HS-A 132.00

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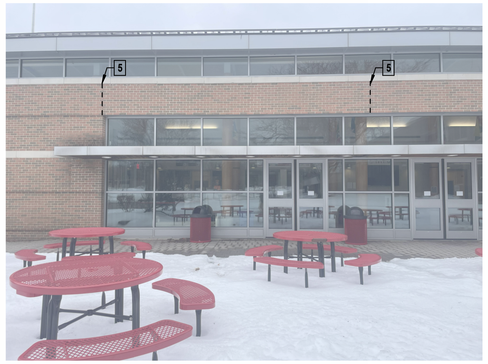
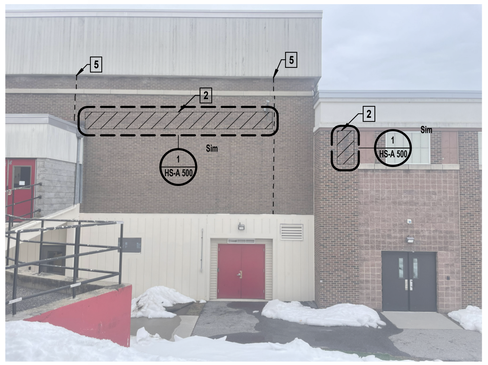
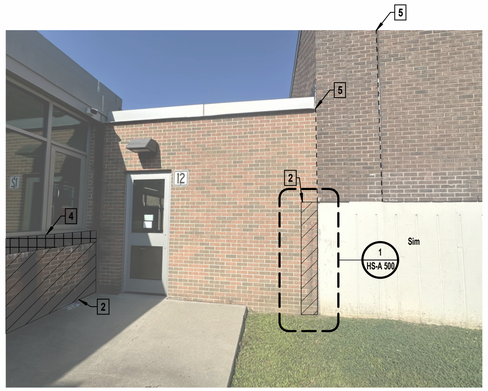




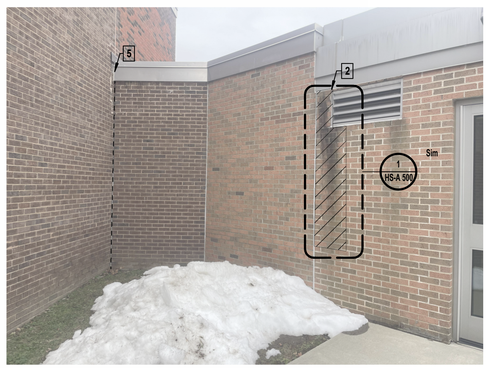
1 SOUTH ELEVATION - MAIN ENTRANCE
N.T.S.

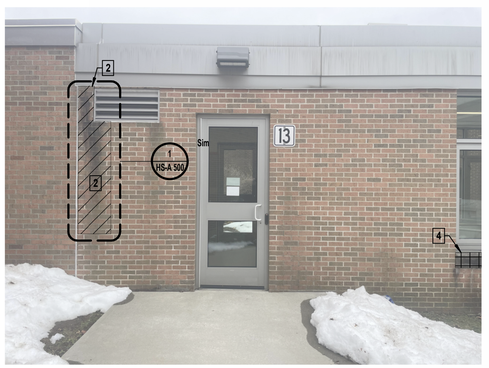


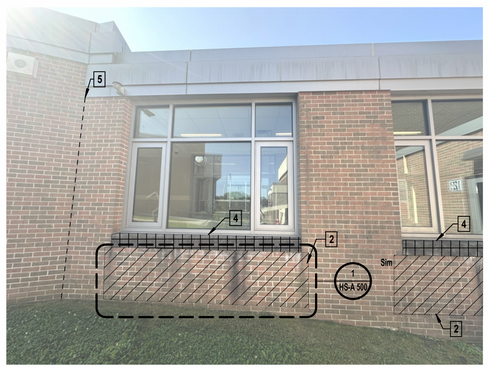




2 EAST ELEVATION - UPPER GYM
N.T.S.







3 NORTH ELEVATION - RAMPED CORRIDOR
N.T.S.

GENERAL CONSTRUCTION WORK NOTES:

1. THESE DRAWINGS SERVE AS A GRAPHICAL REPRESENTATION OF THE INTENDED SCOPE OF THE WORK, AND CONSTITUTE ONE PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS.
2. ALL EXISTING EXTERIOR FACADE MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, SECURITY DEVICES, SIGNAGE, ETC. SHALL BE PROTECTED DURING SCOPE OF WORK. CONTRACTOR SHALL REPAIR OR REPLACE EQUIPMENT OR DEVICE AS NEEDED IF DAMAGED. CONTRACTOR SHALL HAVE A LICENSED ELECTRICAL CONTRACTOR TEMPORARILY REMOVE, MAINTAIN AND RECONNECT ANY CONDUIT, WIRING OR DEVICES REQUIRED TO PERFORM ANY SCOPE ASSOCIATED WITH THIS WORK. VERIFY IN FIELD ALL CONDITIONS.
3. ALL MASONRY MORTAR ON SCOPE ELEVATIONS SHALL BE INSPECTED FOR CRACKS OR DAMAGE AND SHALL BE BROUGHT TO THE ARCHITECT AND THE DISTRICTS CONSTRUCTION REPRESENTATIVES ATTENTION IMMEDIATELY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN OUT ALL EXISTING WEEP HOLES WHERE WORK IS BEING PERFORMED. REMOVE ALL DIRT, DEBRIS OR OTHER MATERIALS TO MAKE SURE THEY ARE CLEAR TO ENSURE WEEP SYSTEM FUNCTIONALITY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL TEMPORARY BRACING AND SHORING TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING, AS REQUIRED TO COMPLETE THE MASONRY REPAIR SCOPE OF WORK.
6. ALL NEW AND EXISTING MASONRY SURFACES SHALL BE LOW-PRESSURE POWER WASHED ACROSS ALL ELEVATIONS AS PART OF THE SCOPE OF WORK. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO; DOORS, WINDOWS, LOUVERS AND GRILLES DURING POWER WASHING, AS WELL AS ALL WALL-MOUNTED ITEMS REMAINING IN PLACE.
7. ALL EXISTING CAST STONE WITHIN WORK AREA SHALL BE LOW-PRESSURE POWER WASHED. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO; DOORS, WINDOWS, LOUVERS AND GRILLES DURING POWER WASHING. RAKE OUT EXISTING JOINTS BETWEEN STONE COPINGS AND BRICK AND INSTALL NEW FLEXIBLE SILICONE SOFT JOINT WITH BACKER OR JOINT TAPE TO ENSURE TWO SIDE ADHESION. SILICONE SEALANT WITH BACKER ROD TO MATCH EXISTING MORTAR COLOR.
8. ALL NEW AND EXISTING EXPOSED CAST STONE AND MASONRY SURFACES SHALL BE LOW-PRESSURE POWER WASHED AND ACROSS ALL ELEVATIONS AS PART OF THE SCOPE OF THE WORK. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS, AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, LOUVERS AND GRILLES, AS WELL AS ALL WALL-MOUNTED ITEMS REMAINING IN PLACE.

PATTERNS & SYMBOLS LEGEND

KEYNOTE	PATTERN	DESCRIPTION
1		SELECTIVE MASONRY REPLACEMENT: REMOVE AND REPLACE DAMAGED / DETERIORATED BRICK MASONRY THROUGHOUT AREA INDICATED. REBUILD BACK-UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT ARE REMOVED. INSTALL NEW BRICK MASONRY TO MATCH EXISTING COLOR, FINISH, COURSING AND PATTERN IN COMPLETELY FILLED BED, ENDS, AND HEAD OF MORTAR JOINTS.
2		RE-POINTING: RAKE OUT EXISTING JOINTS TO A MINIMUM DEPTH OF 3/4" THROUGHOUT AREA INDICATED, AND RE-POINT ALL JOINTS IN BRICK MASONRY. REBUILD BACK UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT WERE REMOVED. TAKE CARE NOT TO DAMAGE EDGES OF EXISTING MASONRY TO REMAIN.
3		ENVELOPE REPAIR/REPLACEMENT: REMOVE AND REPLACE EXTERIOR ENVELOPE PANELS THROUGHOUT AREA INDICATED IN KIND. COORDINATE WITH ELEVATIONS AND APPLICABLE KEY NOTES FOR SPECIFIC SCOPE WORK.
4		CAST STONE REPAIR/REPLACEMENT: REPOINT EXISTING CAST STONE MORTAR JOINTS. REMOVE AND REPLACE CRACKED, DAMAGED, OR DETERIORATED 4 1/2" THICK CAST STONE IN KIND. PROVIDE SEALANT AND BACKER ROD AT SKYWARD FACING JOINTS.
5		CONTROL / EXPANSION JOINT REPLACEMENT: RAKE OUT EXISTING JOINT BETWEEN MASONRY TO A MINIMUM DEPTH OF 1". FURNISH AND INSTALL NEW FLEXIBLE SILICONE SOFT JOINT WITH BACKER ROD THE FULL WIDTH, AND LENGTH OF JOINT. COLOR TO MATCH EXISTING MORTAR.

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GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR ELEVATIONS

DRAWING No.

HS-A 200.00

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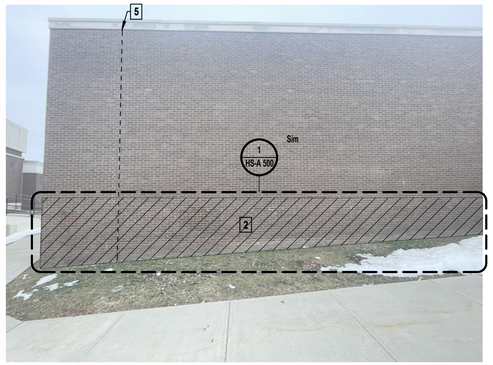
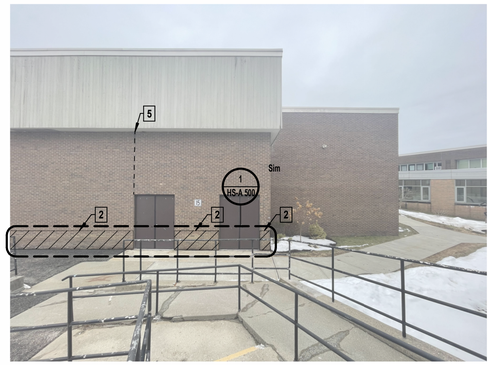
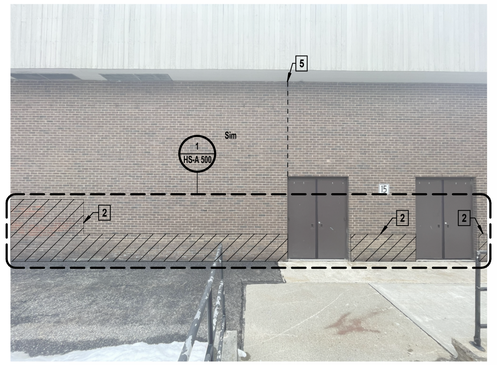
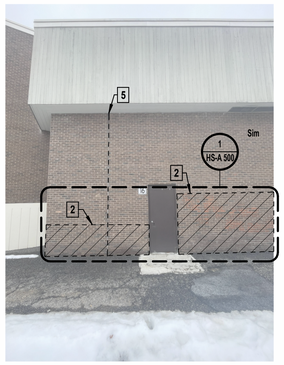


1 SOUTH ELEVATION - LECTURE ROOM 161C
N.T.S.



2 WEST ELEVATION - AUDITORIUM
N.T.S.







3 WEST ELEVATION - STAGE
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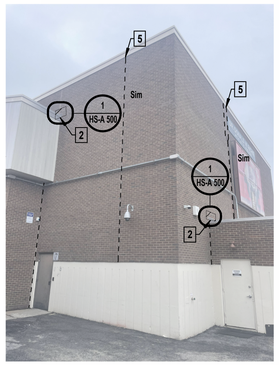

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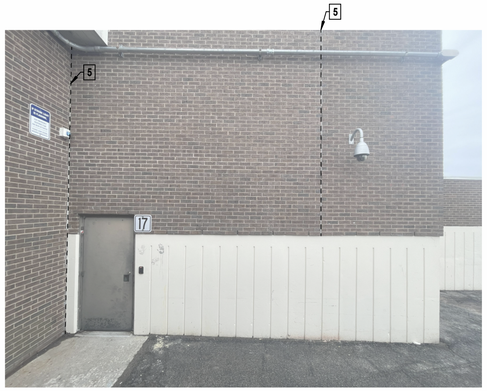

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PATTERNS & SYMBOLS LEGEND

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L. RAUSCHER	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR ELEVATIONS

DRAWING No.

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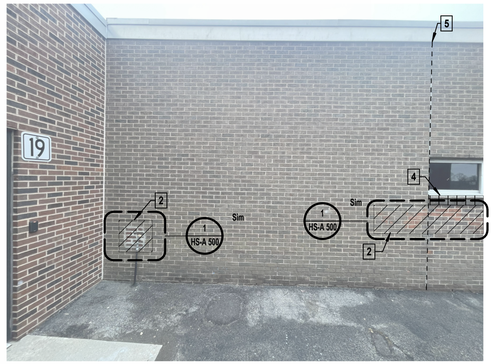

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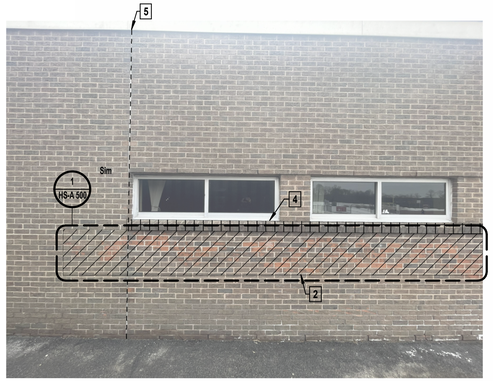

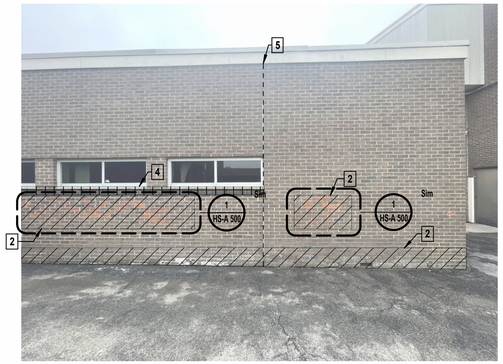

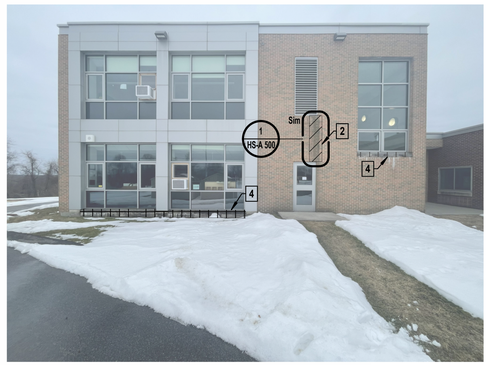

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3 EAST ELEVATION - CLASSROOM 138B
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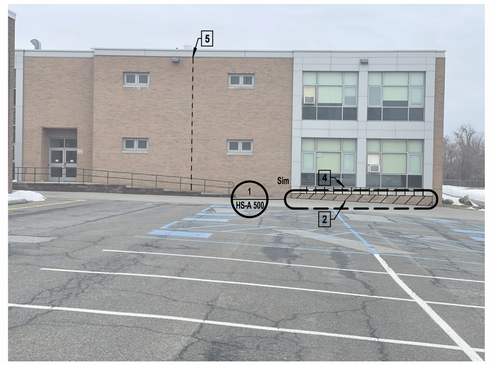

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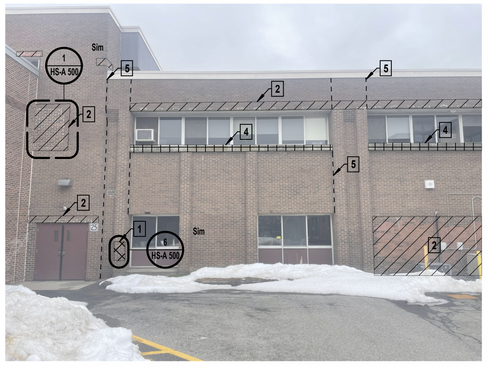

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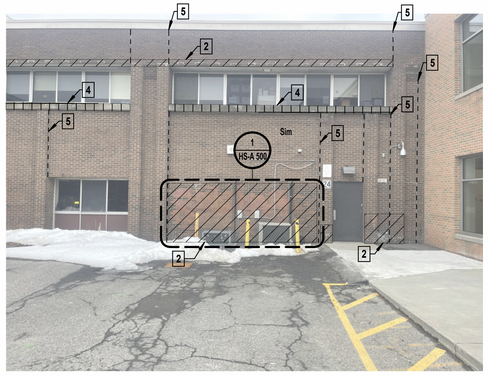

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CLIENT

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LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

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GENERAL CONSTRUCTION

STATUS

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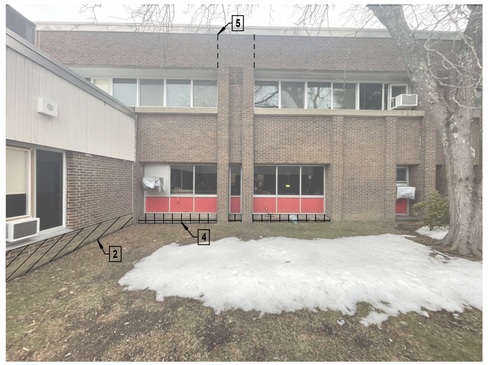



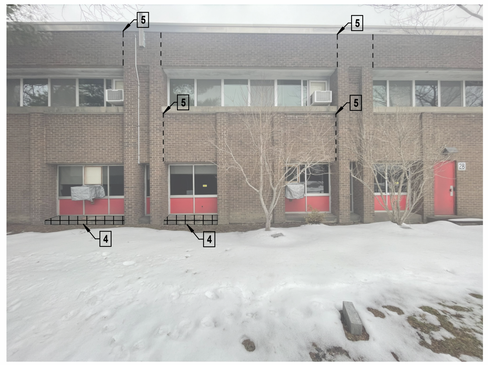



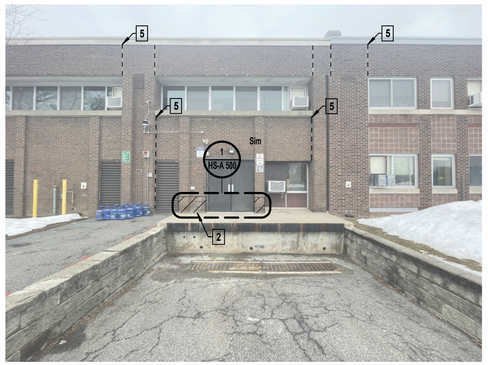

1 SOUTH ELEVATION - EARTH SCIENCE CLASSROOMS
N.T.S.







2 NORTH ELEVATION - D WING
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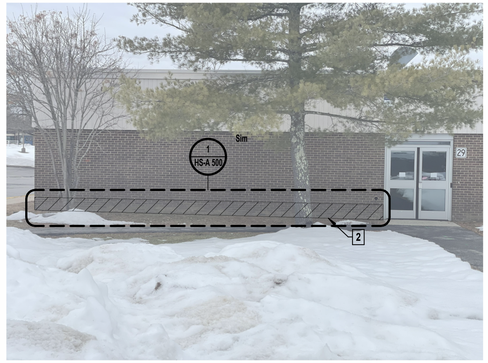

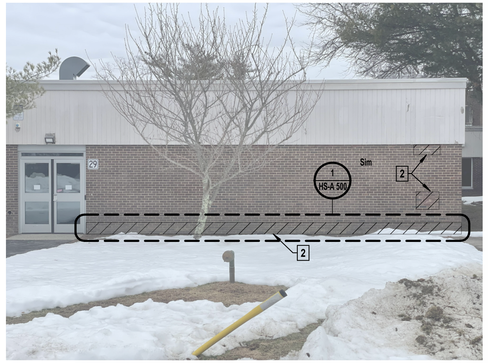

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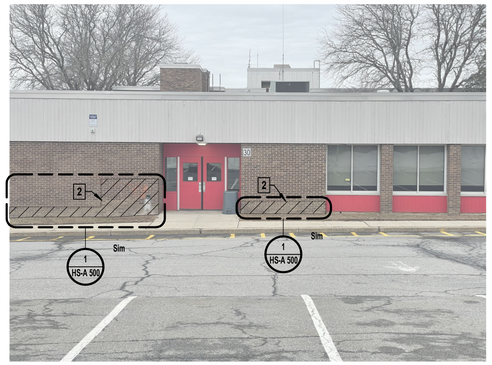



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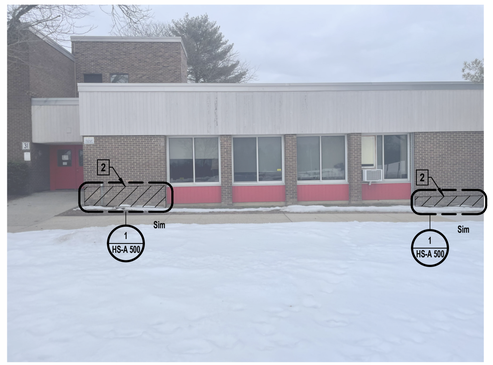
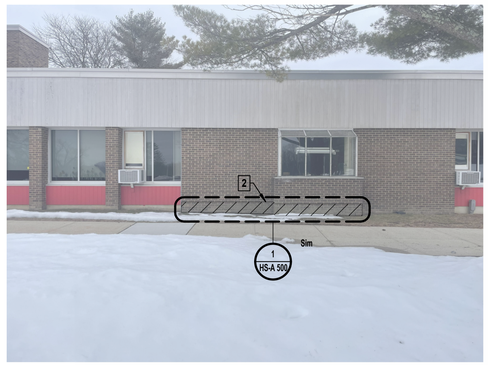
N.T.S.







3 WEST ELEVATION @ - WING
N.T.S.

GENERAL CONSTRUCTION WORK NOTES:

1. THESE DRAWINGS SERVE AS A GRAPHICAL REPRESENTATION OF THE INTENDED SCOPE OF THE WORK, AND CONSTITUTE ONE PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS.
2. ALL EXISTING EXTERIOR FACADE MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, SECURITY DEVICES, SIGNAGE, ETC. SHALL BE PROTECTED DURING SCOPE OF WORK. CONTRACTOR SHALL REPAIR OR REPLACE EQUIPMENT OR DEVICE AS NEEDED IF DAMAGED. CONTRACTOR SHALL HAVE A LICENSED ELECTRICAL CONTRACTOR TEMPORARILY REMOVE, MAINTAIN AND RECONNECT ANY CONDUIT, WIRING OR DEVICES REQUIRED TO PERFORM ANY SCOPE ASSOCIATED WITH THIS WORK. VERIFY IN FIELD ALL CONDITIONS.
3. ALL MASONRY MORTAR ON SCOPE ELEVATIONS SHALL BE INSPECTED FOR CRACKS OR DAMAGE AND SHALL BE BROUGHT TO THE ARCHITECT AND THE DISTRICTS CONSTRUCTION REPRESENTATIVES ATTENTION IMMEDIATELY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN OUT ALL EXISTING WEEP HOLES WHERE WORK IS BEING PERFORMED. REMOVE ALL DIRT, DEBRIS OR OTHER MATERIALS TO MAKE SURE THEY ARE CLEAR TO ENSURE WEEP SYSTEM FUNCTIONALITY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL TEMPORARY BRACING AND SHORING TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING, AS REQUIRED TO COMPLETE THE MASONRY REPAIR SCOPE OF WORK.
6. ALL NEW AND EXISTING MASONRY SURFACES SHALL BE LOW-PRESSURE POWER WASHED ACROSS ALL ELEVATIONS AS PART OF THE SCOPE OF WORK. REMOVE ALL DIRT, DEBRIS, STAINS, MOSS AND EFFLORESCENCE. PROTECT ALL OPENINGS INCLUDING BUT NOT LIMITED TO; DOORS, WINDOWS, LOUVERS AND GRILLES DURING POWER WASHING, AS WELL AS ALL WALL-MOUNTED ITEMS REMAINING IN PLACE.
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PATTERNS & SYMBOLS LEGEND

KEYNOTE	PATTERN	DESCRIPTION
1		SELECTIVE MASONRY REPLACEMENT: REMOVE AND REPLACE DAMAGED / DETERIORATED BRICK MASONRY THROUGHOUT AREA INDICATED. REBUILD BACK-UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT ARE REMOVED. INSTALL NEW BRICK MASONRY TO MATCH EXISTING COLOR, FINISH, COURSING AND PATTERN IN COMPLETELY FILLED BED, ENDS, AND HEAD OF MORTAR JOINTS.
2		RE-POINTING: RAKE OUT EXISTING JOINTS TO A MINIMUM DEPTH OF 3/4" THROUGHOUT AREA INDICATED, AND RE-POINT ALL JOINTS IN BRICK MASONRY. REBUILD BACK UP AS REQUIRED AND REPLACE ANY UNSOUND MATERIALS THAT WERE REMOVED. TAKE CARE NOT TO DAMAGE EDGES OF EXISTING MASONRY TO REMAIN.
3		ENVELOPE REPAIR/REPLACEMENT: REMOVE AND REPLACE EXTERIOR ENVELOPE PANELS THROUGHOUT AREA INDICATED IN KIND. COORDINATE WITH ELEVATIONS AND APPLICABLE KEY NOTES FOR SPECIFIC SCOPE WORK.
4		CAST STONE REPAIR/REPLACEMENT: REPOINT EXISTING CAST STONE MORTAR JOINTS. REMOVE AND REPLACE CRACKED, DAMAGED, OR DETERIORATED 4 1/2" THICK CAST STONE IN KIND. PROVIDE SEALANT AND BACKER ROD AT SKYWARD FACING JOINTS.
5		CONTROL / EXPANSION JOINT REPLACEMENT: RAKE OUT EXISTING JOINT BETWEEN MASONRY TO A MINIMUM DEPTH OF 1". FURNISH AND INSTALL NEW FLEXIBLE SILICONE SOFT JOINT WITH BACKER ROD THE FULL WIDTH, AND LENGTH OF JOINT. COLOR TO MATCH EXISTING MORTAR.

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
L. RAUSCHER	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR ELEVATIONS

DRAWING No.

HS-A 204.00

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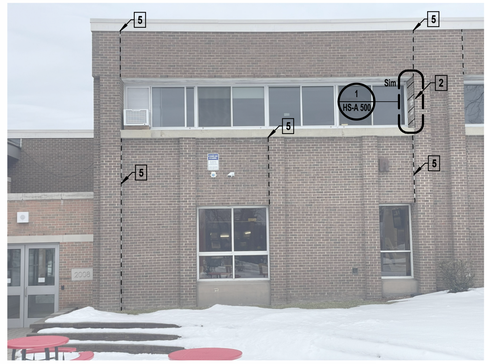

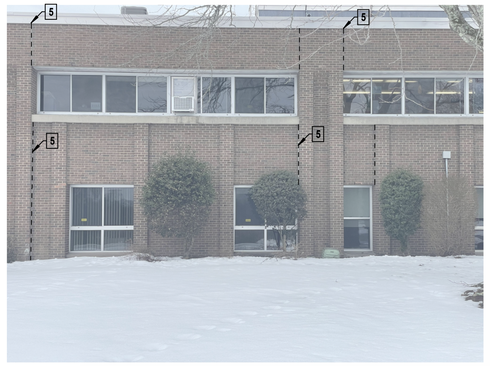





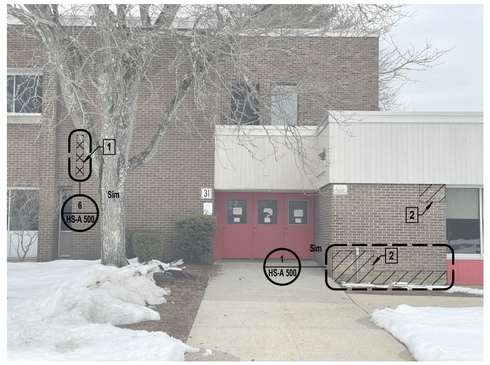

1 WEST ELEVATION - MAIN OFFICE
N.T.S.

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PATTERNS & SYMBOLS LEGEND

KEYNOTE	PATTERN	DESCRIPTION
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT · KATRINA PACHECO · 041183 · STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
L. RAUSCHER	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

EXTERIOR ELEVATIONS

DRAWING No.

HS-A 205.00

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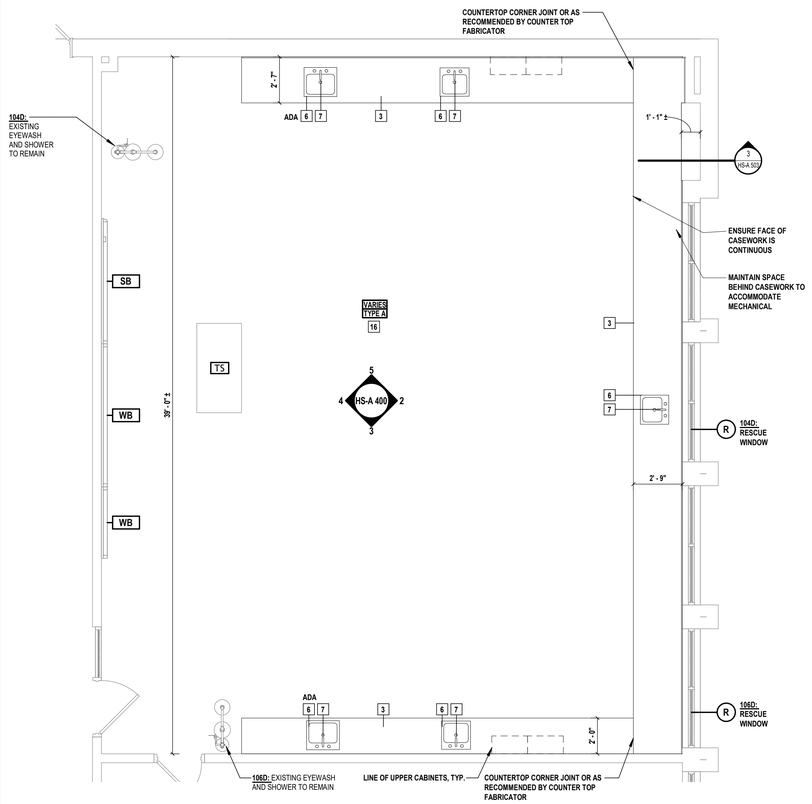
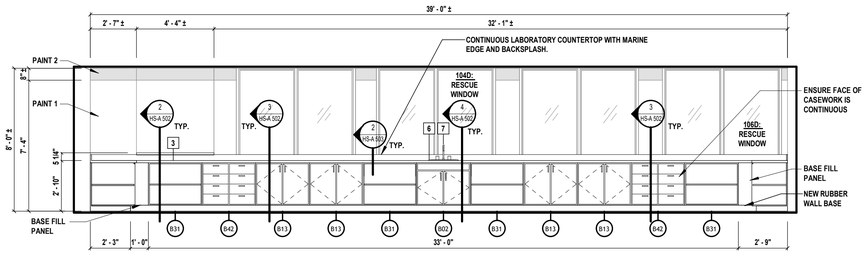


1 SCIENCE CLASSROOM TYPE "A"

SCALE: 1/4" = 1'-0"

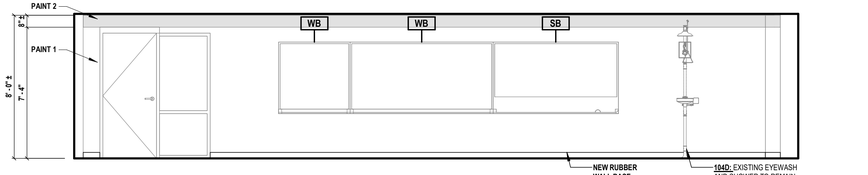
PROJECT NORTH



2 SCIENCE CLASSROOM TYPE "A" ELEVATION

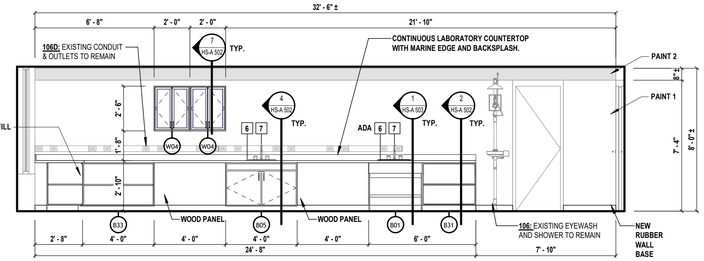
SCALE: 1/4" = 1'-0"

REFER TO DETAIL 2/HS-A 503 FOR EXISTING FIN TUBE CONDITION BEHIND THE CASEWORK FOR THIS ELEVATION ONLY



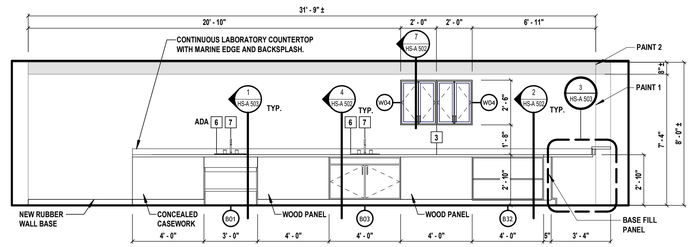
4 SCIENCE CLASSROOM TYPE "A" ELEVATION

SCALE: 1/4" = 1'-0"



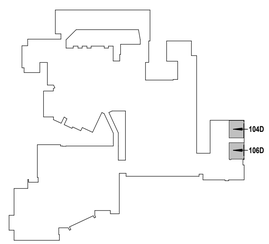
3 SCIENCE CLASSROOM TYPE "A" ELEVATION

SCALE: 1/4" = 1'-0"



5 SCIENCE CLASSROOM TYPE "A" ELEVATION

SCALE: 1/4" = 1'-0"



6 FIRST FLOOR KEY PLAN - TYPE A

SCALE: 1" = 160'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
16	WALL FINISHES	PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW PAINT FINISH.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B02	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B03	4' - 0"	2' - 6"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B05	4' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B31	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B32	4' - 0"	2' - 6"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B33	4' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
W04	2' - 0"	1' - 0"	2' - 6"	WALL CABINET - DOUBLE DOOR W/ GLASS & SHELF

CLASSROOM TYPE "A"

Number	Scopes	Classroom Type	Mirrored	Comments
104D	3, 6, 7	A		
106D	3, 6, 7	A		

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A. PAPPAS	A. PAPPAS A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES TYPE A-SCIENCE

DRAWING No.

HS-A 400.00

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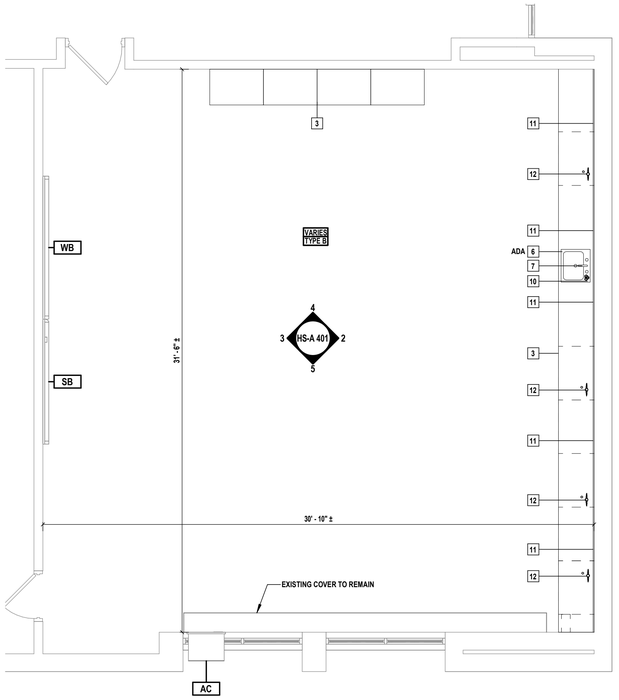

1 SCIENCE CLASSROOM- TYPE B

SCALE: 1/4" = 1'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP

MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:

MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL
SB	SMART BOARD- RETAIN AND REINSTALL
EW	EYE WASH STATION (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)
WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
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GB	GAS BIBS (P CONTRACT)
FH	FUME HOOD

CONTRACT G SCOPE

3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
10	EYE WASH	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH, COORDINATE WITH PC.
11	OUTLETS	'E' CONTRACTOR TO FURNISH AND INSTALL NEW OUTLETS AND CONDUIT, COORDINATE WITH EC.
12	GAS FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW GAS BIBS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

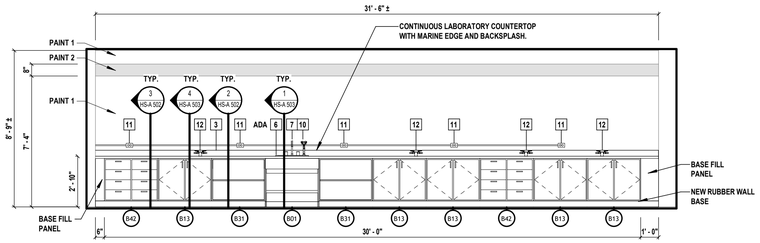
Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B31	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
T04	3' - 0"	2' - 0"	7' - 0"	TALL CABINET - DOUBLE DOOR W/ GLASS & SHELVES

CLASSROOM TYPE "B"

Number	Scopes	Classroom Type	Mirrored	Comments
107D	3, 6, 7, 10, 11, 12	B		
109D	3, 6, 7, 10, 11, 12	B		

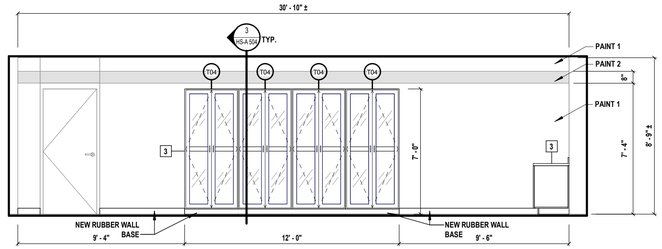
CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



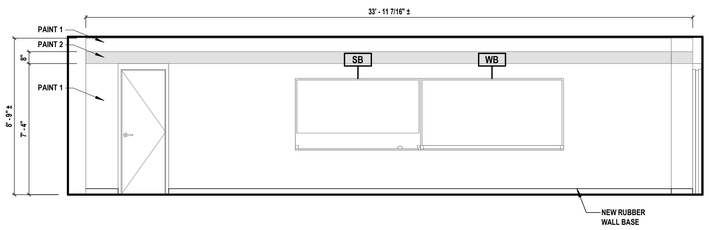
2 SCIENCE CLASSROOM TYPE "B" ELEVATION

SCALE: 1/4" = 1'-0"



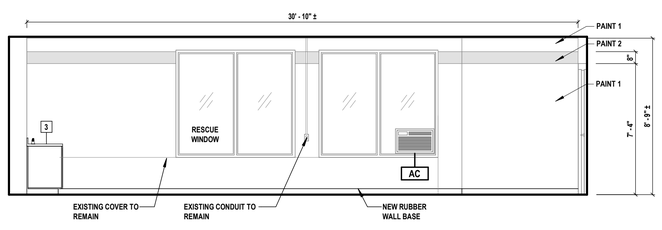
4 SCIENCE CLASSROOM TYPE "B" ELEVATION

SCALE: 1/4" = 1'-0"



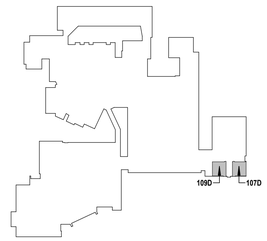
3 SCIENCE CLASSROOM TYPE "B" ELEVATION

SCALE: 1/4" = 1'-0"



5 SCIENCE CLASSROOM TYPE "B" ELEVATION

SCALE: 1/4" = 1'-0"



6 FIRST FLOOR KEY PLAN - TYPE B

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A.PAPPAS	A. PAPPAS, A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
TYPE B-SCIENCE

DRAWING No.

HS-A 401.00

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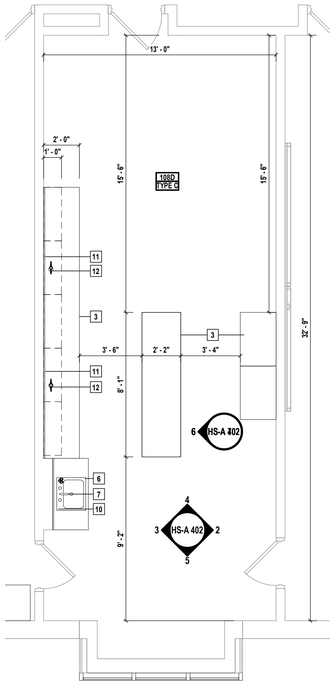
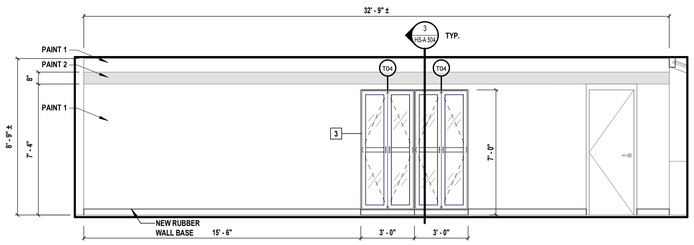


1 SCIENCE CLASSROOM- TYPE C

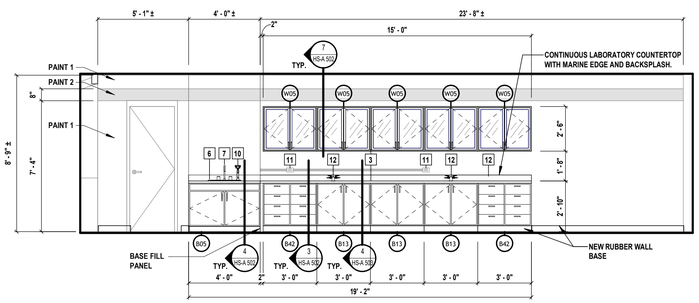
SCALE: 1/4" = 1'-0"

PROJECT NORTH



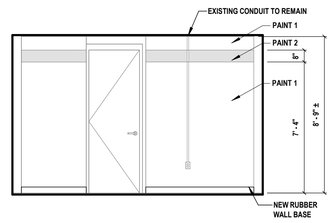
2 SCIENCE CLASSROOM TYPE "C" ELEVATION

SCALE: 1/4" = 1'-0"



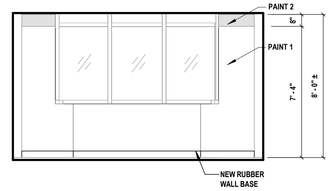
3 SCIENCE CLASSROOM TYPE "C" ELEVATION

SCALE: 1/4" = 1'-0"



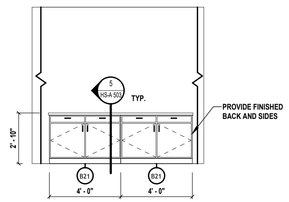
4 SCIENCE CLASSROOM & ELECTRICAL OUTLET TYPE "C" ELEVATION

SCALE: 1/4" = 1'-0"



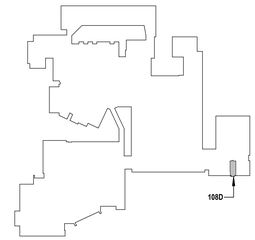
5 SCIENCE CLASSROOM TYPE "C" ELEVATION

SCALE: 1/4" = 1'-0"



6 TYPE "C" TEACHING ISLAND ELEVATION

SCALE: 1/4" = 1'-0"



7 FIRST FLOOR KEY PLAN - TYPE C

SCALE: 1" = 160'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL
SB	SMART BOARD- RETAIN AND REINSTALL
EW	EYE WASH STATION (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)
WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
GB	GAS BIBS (P CONTRACT)
FH	FUME HOOD

CONTRACT G SCOPE

3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
10	EYE WASH	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH, COORDINATE WITH PC.
11	OUTLETS	'E' CONTRACTOR TO FURNISH AND INSTALL NEW OUTLETS AND CONDUIT, COORDINATE WITH EC.
12	GAS FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW GAS BIBS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B05	4' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B21	4' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR AND DRAWERS W/ SHELF
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
T04	3' - 0"	2' - 0"	7' - 0"	TALL CABINET - DOUBLE DOOR W/ GLASS & SHELVES
W05	3' - 0"	1' - 0"	2' - 6"	WALL CABINET - DOUBLE DOOR W/ GLASS & SHELF

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.

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CONSULTANTS:

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09/30/2029
Exp. Date

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PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
TYPE C-SCIENCE-RM 108D

DRAWING No.

HS-A 402.00

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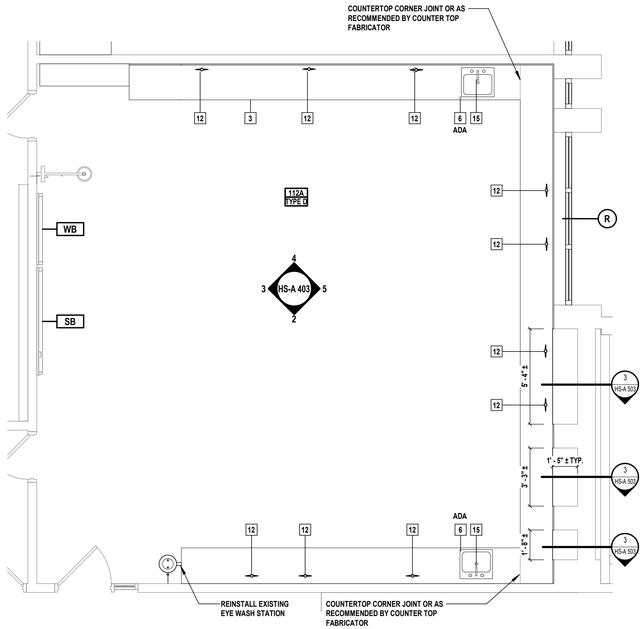
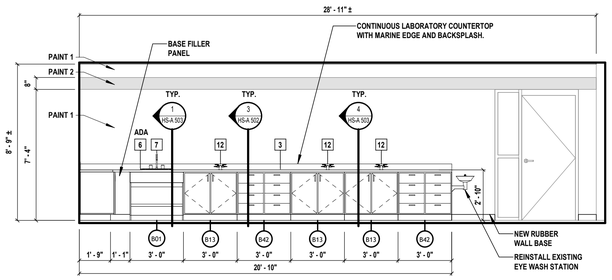


1 SCIENCE CLASSROOM TYPE "D"

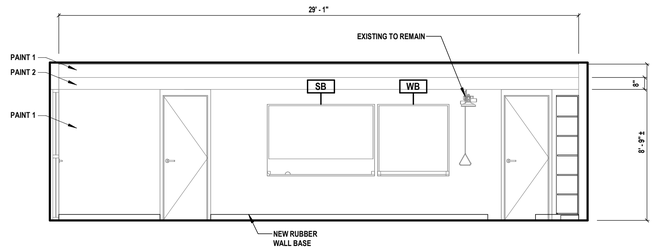
SCALE: 1/4" = 1'-0"

PROJECT NORTH



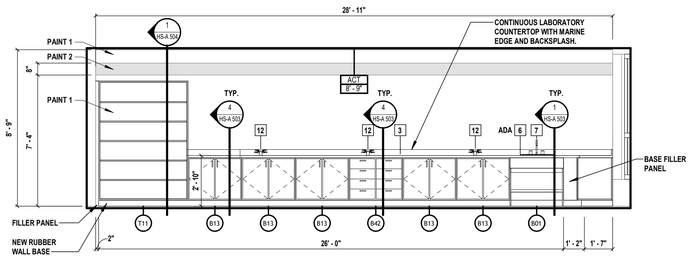
2 SCIENCE CLASSROOM TYPE "D" ELEVATION

SCALE: 1/4" = 1'-0"



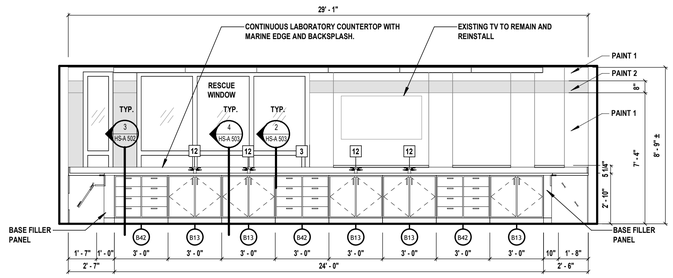
3 SCIENCE CLASSROOM TYPE "D" ELEVATION

SCALE: 1/4" = 1'-0"



4 SCIENCE CLASSROOM TYPE "D" ELEVATION

SCALE: 1/4" = 1'-0"



5 SCIENCE CLASSROOM TYPE "D" ELEVATION

SCALE: 1/4" = 1'-0"

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

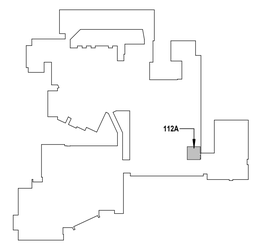
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
12	GAS FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW GAS BIBS, COORDINATE WITH PC.
15	COLD FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW COLD FAUCETS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
T10	4' - 0"	1' - 3"	7' - 0"	TALL CABINET - OPEN SHELF
T11	5' - 0"	1' - 3"	7' - 0"	TALL CABINET - OPEN SHELF

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



6 FIRST FLOOR KEY PLAN - TYPE D

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
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White Plains, NY 10605
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PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
TYPE D-SCIENCE-RM 112A

DRAWING No.

HS-A 403.00

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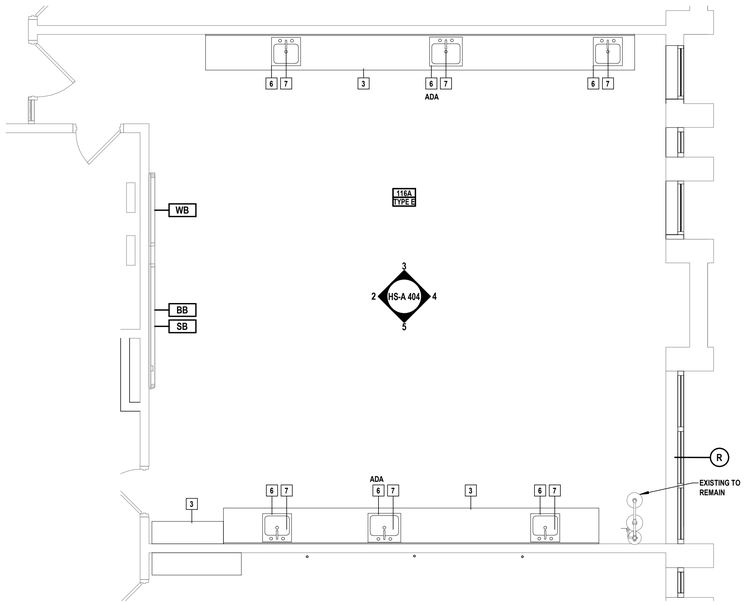


1 SCIENCE CLASSROOM- TYPE E

SCALE: 1/4" = 1'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

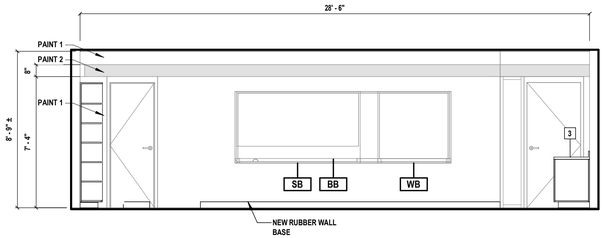
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B02	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B10	1' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET- SINGLE DOOR W/ SHELF
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
T10	4' - 0"	1' - 3"	7' - 0"	TALL CABINET - OPEN SHELF
T11	5' - 0"	1' - 3"	7' - 0"	TALL CABINET - OPEN SHELF

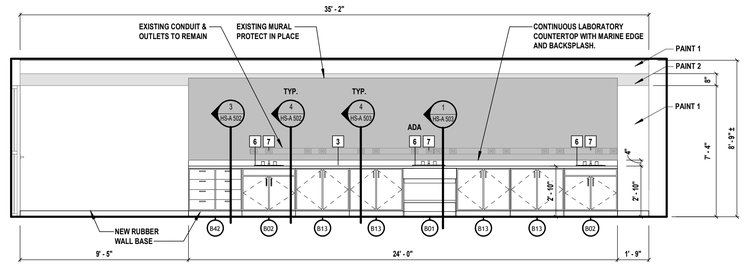
CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



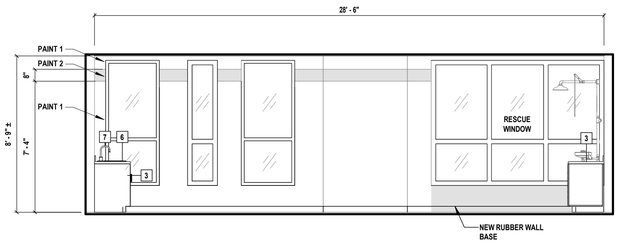
2 SCIENCE CLASSROOM TYPE "E" ELEVATION

SCALE: 1/4" = 1'-0"



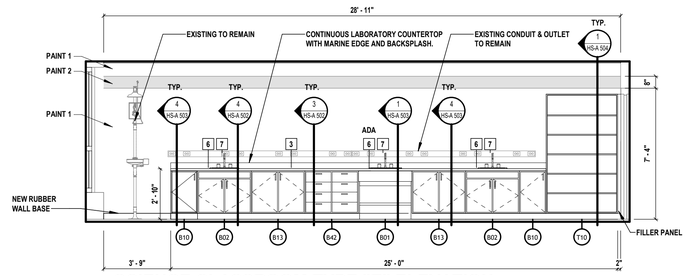
3 SCIENCE CLASSROOM TYPE "E" ELEVATION

SCALE: 1/4" = 1'-0"



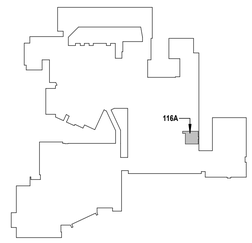
4 SCIENCE CLASSROOM TYPE "E" ELEVATION

SCALE: 1/4" = 1'-0"



5 SCIENCE CLASSROOM TYPE "E" ELEVATION

SCALE: 1/4" = 1'-0"



6 FIRST FLOOR KEY PLAN - TYPE E

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A.PAPPAS	A. PAPPAS A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
TYPE E-SCIENCE-RM 116A

DRAWING No.

HS-A 404.00

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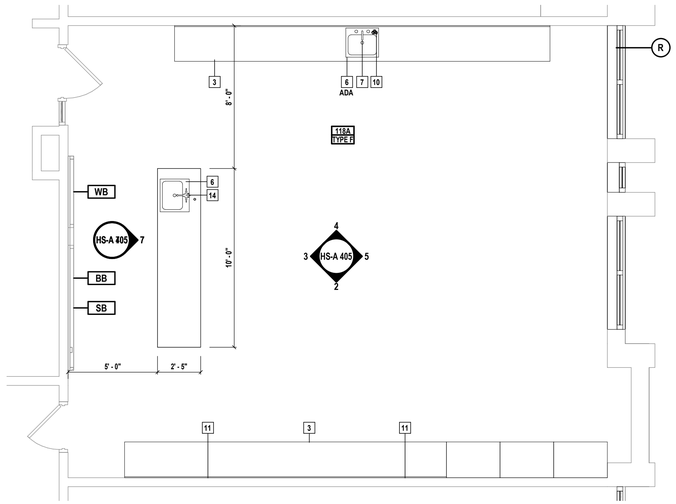


1 SCIENCE CLASSROOM- TYPE F

SCALE: 1/4" = 1'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

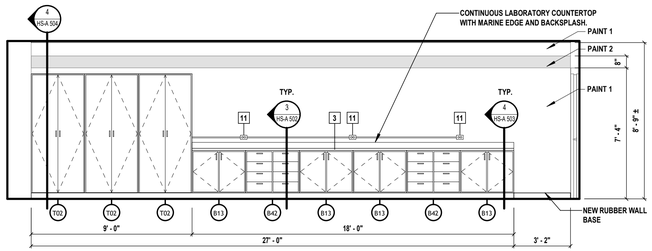
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
10	EYE WASH	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH, COORDINATE WITH PC.
11	OUTLETS	'E' CONTRACTOR TO FURNISH AND INSTALL NEW OUTLETS AND CONDUIT, COORDINATE WITH EC.
12	GAS FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW GAS BIBS, COORDINATE WITH PC.
14	GAS & WATER FAUCET	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H/G FAUCETS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B11	2' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/ SHELF
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
B43	1' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - FOUR DRAWER
T02	3' - 0"	2' - 0"	7' - 0"	TALL CABINET - DOUBLE DOOR W/ SHELF

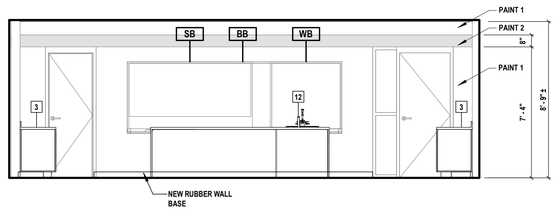
CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



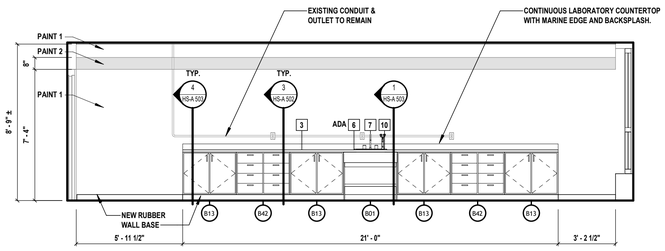
2 SCIENCE CLASSROOM TYPE "F" ELEVATION

SCALE: 1/4" = 1'-0"



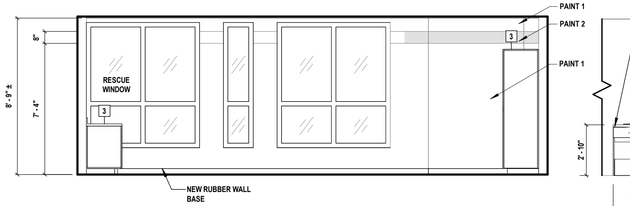
3 SCIENCE CLASSROOM TYPE "F" ELEVATION

SCALE: 1/4" = 1'-0"



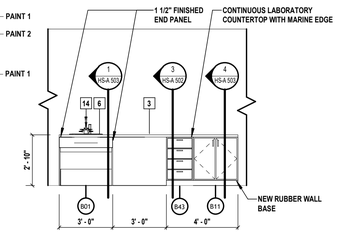
4 SCIENCE CLASSROOM TYPE "F" ELEVATION

SCALE: 1/4" = 1'-0"



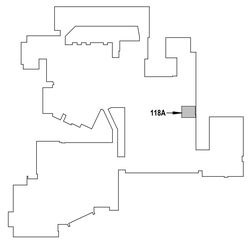
5 SCIENCE CLASSROOM TYPE "F" ELEVATION

SCALE: 1/4" = 1'-0"



7 'TYPE F' TS ELEVATION

SCALE: 1/4" = 1'-0"



6 FIRST FLOOR KEY PLAN - TYPE F

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A.PAPPAS	A. PAPPAS A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS
CLASSROOM UPGRADES
TYPE F-SCIENCE-RM 118A

DRAWING No.

HS-A 405.00

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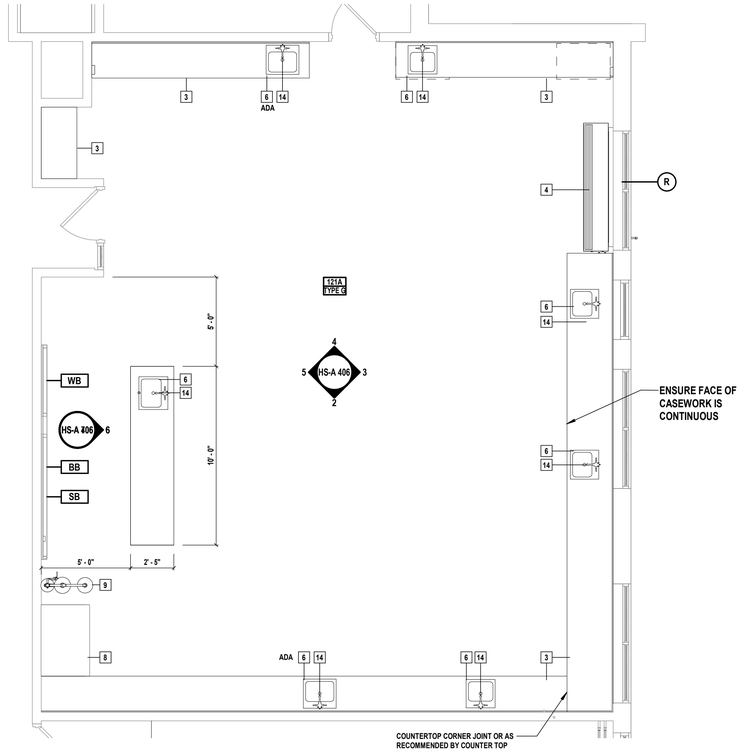
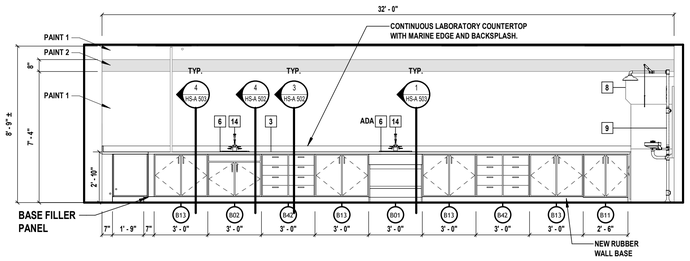


1 SCIENCE CLASSROOM- TYPE G

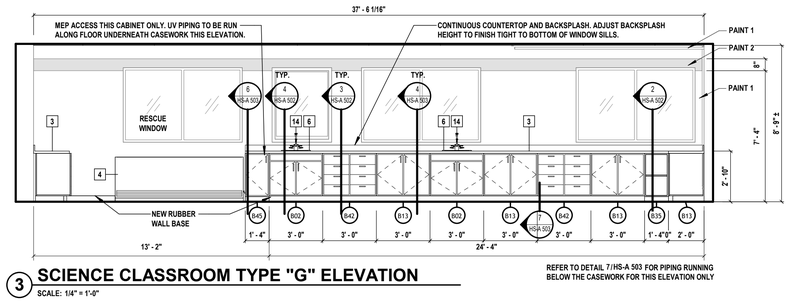
SCALE: 1/4" = 1'-0"

PROJECT NORTH



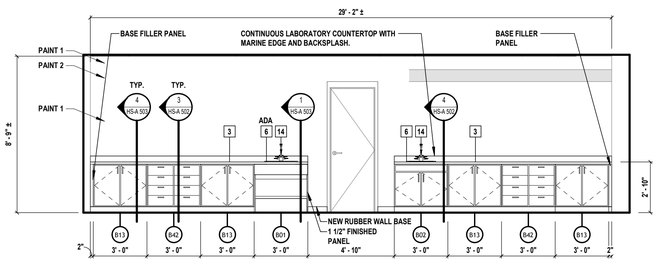
2 SCIENCE CLASSROOM TYPE "G" ELEVATION

SCALE: 1/4" = 1'-0"



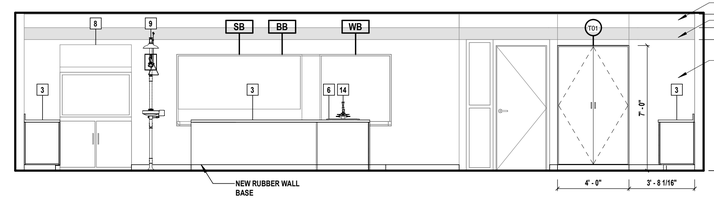
3 SCIENCE CLASSROOM TYPE "G" ELEVATION

SCALE: 1/4" = 1'-0"



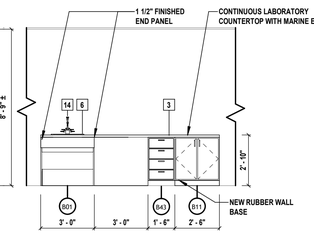
4 SCIENCE CLASSROOM TYPE "G" ELEVATION

SCALE: 1/4" = 1'-0"



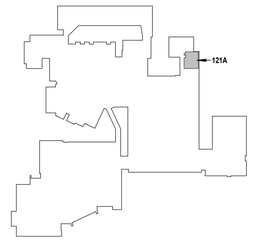
5 SCIENCE CLASSROOM TYPE "G" ELEVATION

SCALE: 1/4" = 1'-0"



6 'TYPE G' TS ELEVATION

SCALE: 1/4" = 1'-0"



FIRST FLOOR KEY PLAN - TYPE G

SCALE: 1" = 160'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
4	UNIT VENTILATOR	'M' CONTRACTOR TO FURNISH AND INSTALL NEW UNIT VENTILATOR,COORDINATE WITH MC.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
8	FUME HOOD	'G' CONTRACTOR TO INSTALL NEW ADA ACCESSIBLE FUME HOOD 'M','E', & 'P' TO PROVIDE NEW UTILITY CONNECTIONS.
9	EMERGENCY EYE WASH/ SHOWER STATION	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH AND SHOWER STATION, COORDINATE WITH PC.
14	GAS & WATER FAUCET	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H/G FAUCETS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B02	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B11	2' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/ SHELF
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B35	1' - 4"	2' - 0"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
B43	1' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - FOUR DRAWER
B45	1' - 4"	2' - 0"	2' - 8 1/2"	BASE CABINET - SINGLE DOOR FOR MECH ACCESS
T01	4' - 0"	2' - 0"	7' - 0"	TALL CABINET - DOUBLE DOOR W/ SHELF

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.

H 2 M architects + engineers

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NY Engineering Certificate of Authorization No.: 0018178

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Exp. Date

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A. PAPPAS	A. PAPPAS A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES TYPE G-SCIENCE-RM 121A

DRAWING No.

HS-A 406.00

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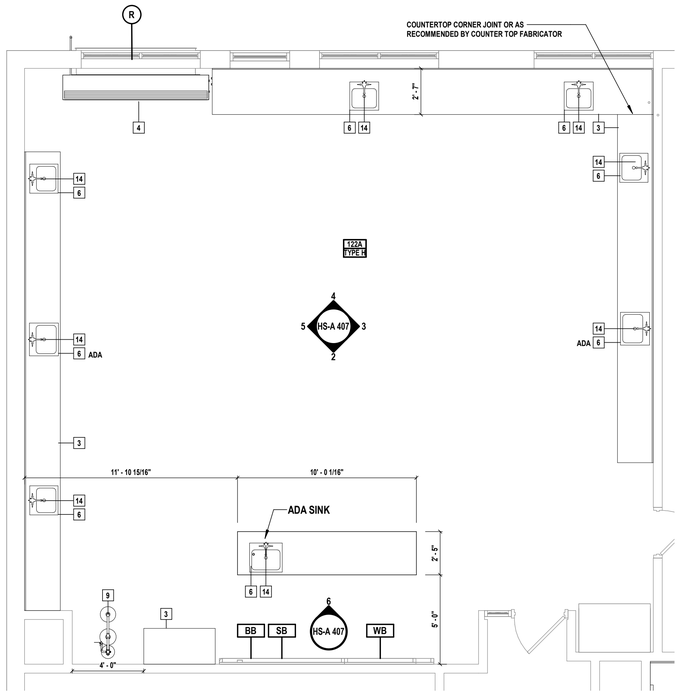


1 SCIENCE CLASSROOM- TYPE H

SCALE: 1/4" = 1'-0"

PROJECT NORTH

FINISH LEGEND - SCIENCE ROOM



WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1: COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: DURCON
MODEL: MARINE EDGE EPOXY RESIN
COLOR: BLACK

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

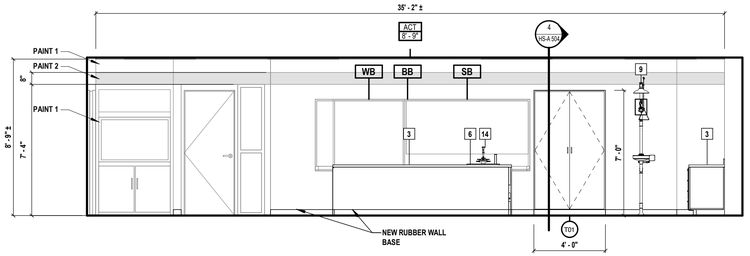
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
4	UNIT VENTILATOR	'M' CONTRACTOR TO FURNISH AND INSTALL NEW UNIT VENTILATOR,COORDINATE WITH MC.
6	SCIENCE SINK	'G' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH PC.
9	EMERGENCY EYE WASH/ SHOWER STATION	'P' CONTRACTOR TO FURNISH AND INSTALL NEW EMERGENCY EYE WASH AND SHOWER STATION, COORDINATE WITH PC.
14	GAS & WATER FAUCET	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H/G FAUCETS, COORDINATE WITH PC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B02	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR SINK
B11	2' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/ SHELF
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B42	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
B43	1' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - FOUR DRAWER
B46	1' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - SINGLE DOOR FOR MECH ACCESS
T01	4' - 0"	2' - 0"	7' - 0"	TALL CABINET - DOUBLE DOOR W/ SHELF

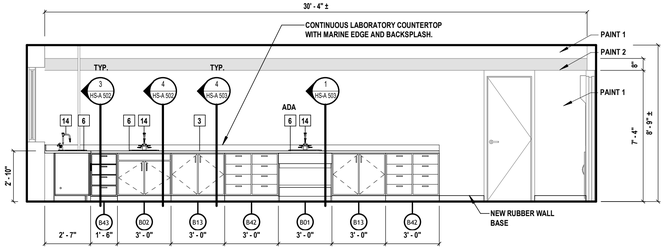
CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



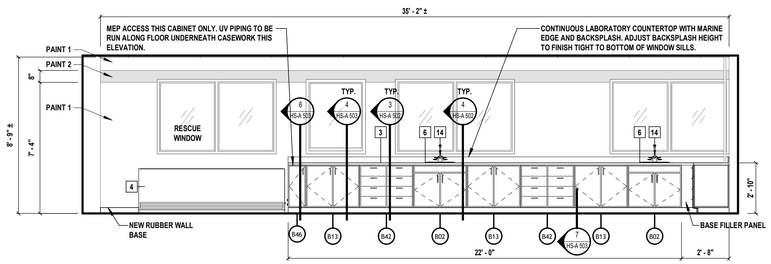
2 SCIENCE CLASSROOM 'TYPE H' ELEVATION

SCALE: 1/4" = 1'-0"



3 SCIENCE CLASSROOM 'TYPE H' ELEVATION

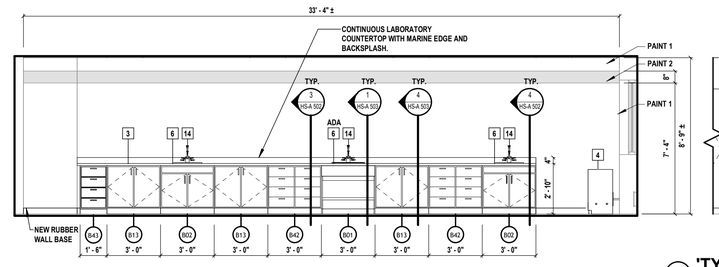
SCALE: 1/4" = 1'-0"



4 SCIENCE CLASSROOM 'TYPE H' ELEVATION

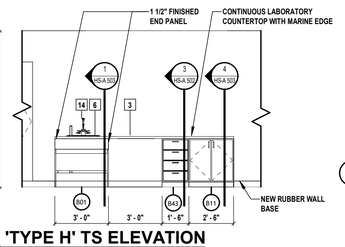
SCALE: 1/4" = 1'-0"

REFER TO DETAIL 7/HS-A 503 FOR PIPING RUNNING BELOW THE CASEWORK FOR THIS ELEVATION ONLY



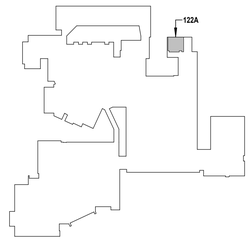
5 SCIENCE CLASSROOM 'TYPE H' ELEVATION

SCALE: 1/4" = 1'-0"



6 'TYPE H' TS ELEVATION

SCALE: 1/4" = 1'-0"



7 FIRST FLOOR KEY PLAN TYPE H

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A. PAPPAS	A. PAPPAS, A. DUNN	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED PLANS & ELEVATIONS CLASSROOM UPGRADES TYPE H-SCIENCE-RM 122A

DRAWING No.

HS-A 407.00

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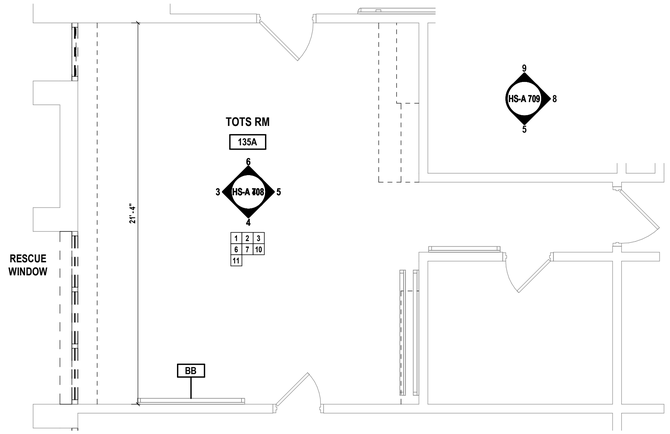
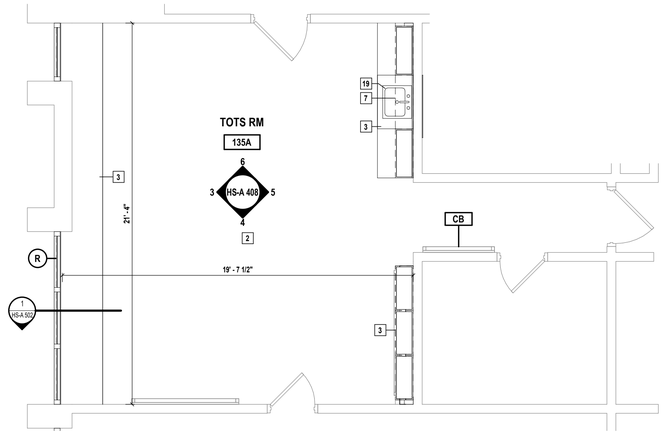


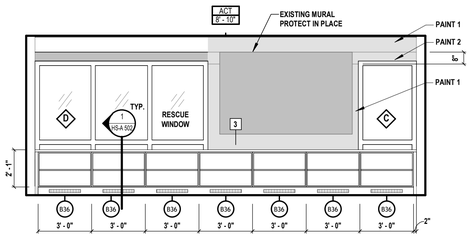
1 TOTS ROOM FLOOR DEMO PLAN

SCALE: 1/4" = 1'-0"



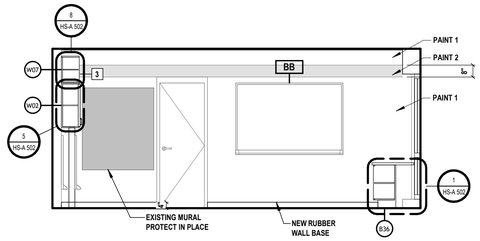
2 TOTS ROOM PROPOSED FLOOR PLAN

SCALE: 1/4" = 1'-0"



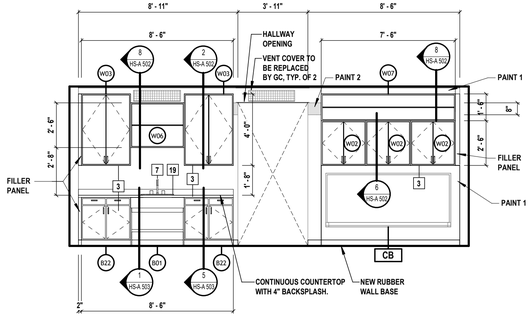
3 TOTS ROOM ELEVATION

SCALE: 1/4" = 1'-0"



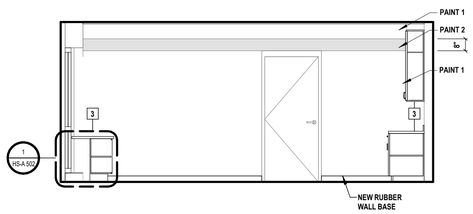
4 TOTS ROOM ELEVATION

SCALE: 1/4" = 1'-0"



5 TOTS ROOM ELEVATION

SCALE: 1/4" = 1'-0"



6 TOTS ROOM ELEVATION

SCALE: 1/4" = 1'-0"

FLOOR PLAN LEGEND

A101 TYPE A — ROOM NUMBER ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN, PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

2	CEILING	INSTALL NEW SUSPENDED CEILING SYSTEM WITH 2'X2' LAY-IN ACOUSTIC PANELS. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. STORE AND REINSTALL ALL LIGHTING. STORE AND REINSTALL EXISTING EQUIPMENT INCLUDING,BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS, STROBES AND SUPPLY AND RETURN GRILLES BACK TO THEIR ORIGINAL LOCATIONS.
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
7	C/H FAUCETS	"P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
19	SINK	"P' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH GC.

CLASSROOM CASEWORK SCHEDULE

Type Mark	Width	Depth	Height	Description
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B22	2' - 9"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR AND DRAWERS W/ SHELF
B36	3' - 0"	1' - 3"	2' - 5"	BASE CABINET - OPEN SHELVES- 5 1/2" TOE HEIGHT
W02	2' - 6"	1' - 0"	2' - 6"	WALL CABINET - DOUBLE DOOR 4 SHELF
W03	2' - 9"	1' - 0"	4' - 0"	WALL CABINET - DOUBLE DOOR 4 SHELF
W06	3' - 0"	1' - 0"	2' - 6"	WALL CABINET - OPEN SHELF
W07	7' - 6"	1' - 0"	1' - 6"	WALL CABINET - OPEN SHELF

CONTRACT G DEMO SCOPE

1	FLOOR FINISHES	REMOVE AND DISPOSE OF EXISTING WALL BASE, AND FLOOR FINISHES DOWN TO SUB-FLOOR. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING CONCRETE SLAB-FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCH EXISTING MATERIALS IN EACH ROOM.
2	CEILINGS	REMOVE EXISTING CEILING TILES AND GRID. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. GC SHALL REMOVE ALL SUPPLY AND RETURN GRILLES FOR REINSTALLATION. THE EC SHALL REMOVE ALL EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS AND STROBES.
3	CASEWORK	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CASEWORK IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL WALLS, SOFFITS, FASCIA PIECES, ENCLOSURES, ETC. USED TO CONCEAL CASEWORK. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING
6	SINK	EXISTING SINK TO BE REMOVED.
7	FAUCET	EXISTING FAUCETS TO BE REMOVED.
10	WALL FINISHES	PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW PAINT FINISH.
11	FURNITURE	REMOVE AND PROTECT ALL EXISTING FURNITURE, RETURN TO OWNER.

CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.

FINISH LEGEND



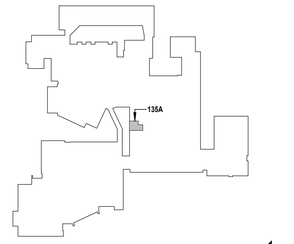
WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1
COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: WILSONART
STYLE: QUARTZ
COLOR: NOVA SERRANA #Q4068

CASEWORK FINISH:
MFR.: FORMICA
STYLE: PLASTIC LAMINATE
TEXTURE: NATURELLE
COLOR: DARK ASH #F8575



7 TOTS ROOM KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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09/30/2029
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KATRINA N. PACHECO, R.A.
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A. PAPPAS	A. PAPPAS A. DUNN	S. MANDIC	K. PACHECO

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

TOTS ROOM ENLARGED PLANS & ELEVATIONS UPGRADES RM 135A

DRAWING No.

HS-A 408.00

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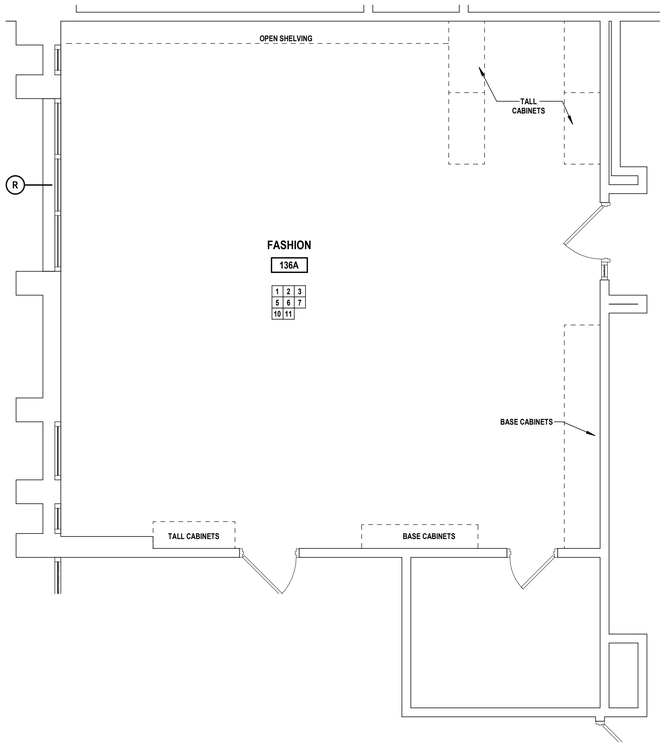
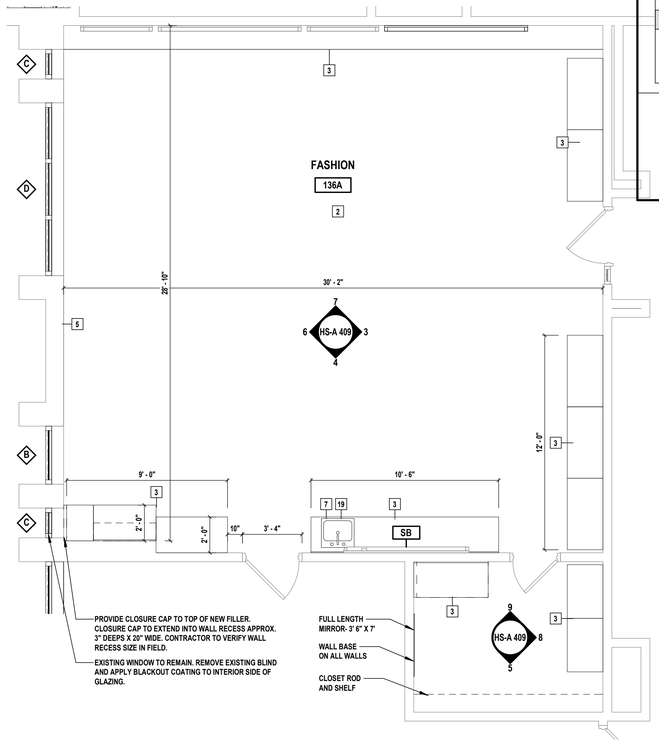


1 CLASSROOM FLOOR PLAN- HOME EC/FASHION- EXISTING

SCALE: 1/4" = 1'-0"



2 CLASSROOM FLOOR PLAN - HOME EC/FASHION - PROPOSED

SCALE: 1/4" = 1'-0"

FINISH LEGEND - NON SCIENCE ROOM

WALL PAINT PATTERN:

PAINT 2: 8" TALL ACCENT STRIPE, BOTTOM @ 7'-4" A.F.F.
COLOR: SHOW STOPPER (SW#7588)

PAINT 1 COLOR: PASSIVE (SW#7064)

CASEWORK COUNTERTOP
MFR.: SILESTONE BY CONSENTINO
STYLE: DEKTON - DK SOLID
COLOR: DOMOOS

CASEWORK FINISH:
MFR.: FORMICA
STYLE: NATURELLE
COLOR: DARK ASH #F8575

FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER / ROOM TYPE	EXISTING WINDOW TO REMAIN
11 — KEYED SCOPE NOTE INDICATOR	EXISTING WALL TO REMAIN
EXISTING DOOR AND DOOR FRAME TO REMAIN. PAINT DOOR FRAME AS SELECTED BY DISTRICT	X## — NEW CASEWORK SEE CLASSROOM SCHEDULE FOR TYPE AND DETAILS

ABBREVIATIONS

CB	CORK BOARD- RETAIN AND REINSTALL U.O.N	WB	EXISTING WHITEBOARD- RETAIN AND REINSTALL
AC	AIR CONDITIONING UNIT- RETAIN AND REINSTALL	TS	EXISTING TEACHER STATION-TURN OVER TO OWNER
SB	SMART BOARD- RETAIN AND REINSTALL	R	RESCUE WINDOW STICKER- FURNISHED BY CONTRACTOR IF NONE EXISTS. APPLY TO GLAZING & WINDOW SHADES, WHERE APPLICABLE
EW	EYE WASH STATION (P CONTRACT)	GB	GAS BIBS (P CONTRACT)
ES	EMERGENCY SHOWER (P CONTRACT)	FH	FUME HOOD

CONTRACT G SCOPE

2	CEILING	INSTALL NEW SUSPENDED CEILING SYSTEM WITH 2'X2' LAY-IN ACOUSTIC PANELS. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. STORE AND REINSTALL ALL LIGHTING. STORE AND REINSTALL EXISTING EQUIPMENT INCLUDING,BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS, STROBES AND SUPPLY AND RETURN GRILLES BACK TO THEIR ORIGINAL LOCATIONS.
3	CASEWORK	FURNISH AND INSTALL NEW CASEWORK AND COUNTERS. GC TO PROVIDE REQUIRED HOLES IN COUNTERTOP.
5	RADIATOR COVER	FURNISH AND INSTALL NEW RADIATOR COVER.
7	C/H FAUCETS	'P' CONTRACTOR TO FURNISH AND INSTALL NEW C/H FAUCETS, COORDINATE WITH GC.
19	SINK	'P' CONTRACTOR TO FURNISH AND INSTALL NEW SINK, COORDINATE WITH GC.

CLASSROOM CASEWORK SCHEDULE

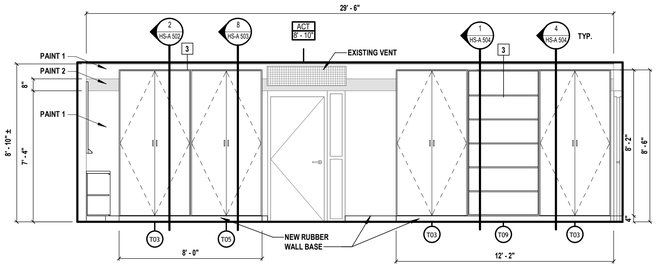
Type Mark	Width	Depth	Height	Description
114	3' - 6"	1' - 10"	2' - 8 1/2"	BASE CABINET-DOUBLE DOOR
B01	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - ADA SINK SECTION
B13	3' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR W/SHELF
B22	2' - 9"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE DOOR AND DRAWERS W/ SHELF
B34	4' - 0"	1' - 4"	2' - 8 1/2"	BASE CABINET - TWO OPEN SHELVES
B36	3' - 0"	1' - 3"	2' - 5"	BASE CABINET - OPEN SHELVES- 5 1/2" TOE HEIGHT
B43	1' - 6"	2' - 0"	2' - 8 1/2"	BASE CABINET - FOUR DRAWER
B44	4' - 0"	2' - 0"	2' - 8 1/2"	BASE CABINET - DOUBLE 4 DRAWER
T03	4' - 0"	2' - 0"	8' - 6"	WARDROBE W/ TOP SHELF
T05	4' - 0"	2' - 0"	8' - 6"	TALL CABINET - DOUBLE DOOR W/ SHELF
T06	3' - 0"	2' - 0"	7' - 0"	WARDROBE W/ TOP SHELF
T07	1' - 6"	2' - 0"	8' - 6"	TALL CABINET - OPEN SHELF
T08	3' - 0"	2' - 0"	7' - 0"	TALL CABINET - OPEN SHELF
T09	4' - 0"	2' - 0"	8' - 6"	TALL CABINET - OPEN SHELF
W03	2' - 9"	1' - 0"	4' - 0"	WALL CABINET - DOUBLE DOOR 4 SHELF
W06	3' - 0"	1' - 0"	2' - 6"	WALL CABINET - OPEN SHELF
W08	3' - 6"	1' - 0"	3' - 0"	WALL CABINET - OPEN SHELF

CONTRACT G DEMO SCOPE

1	FLOOR FINISHES	REMOVE AND DISPOSE OF EXISTING WALL BASE, AND FLOOR FINISHES DOWN TO SUB-FLOOR. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE EXISTING CONCRETE SLAB-FLOOR CONDITION AND PATCH ALL EXPOSED SURFACES AS NEEDED TO ENSURE A TRUE SMOOTH AND LEVEL FLOOR FINISH FREE OF DIPS, WAVES, DEPRESSIONS, AND TELEGRAPHING OF THE LEVELING COMPOUND OR IMPERFECTIONS OF THE SLAB BELOW. ASSUME FLOOR PREP THAT MAY INCLUDE FLASH PATCH EXISTING MATERIALS IN EACH ROOM.
2	CEILINGS	REMOVE EXISTING CEILING TILES AND GRID. SAND, PRIME, AND PAINT ALL EXISTING SOFFITS. GC SHALL REMOVE ALL SUPPLY AND RETURN GRILLES FOR REINSTALLATION. THE EC SHALL REMOVE ALL EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS AND STROBES.
3	CASEWORK	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING CASEWORK IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL WALLS, SOFFITS, FASCIA PIECES, ENCLOSURES, ETC. USED TO CONCEAL CASEWORK. PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING
5	RADIATOR COVER	REMOVE EXISTING RADIATOR COVER.
6	SINK	EXISTING SINK TO BE REMOVED.
7	FAUCET	EXISTING FAUCETS TO BE REMOVED.
10	WALL FINISHES	PREPARE ALL WALLS TO RECEIVE NEW FINISHES INCLUDING FILLING HOLES, REPAIRING CRACKS IN EXISTING WALLS, SANDING, AND PREPARING ALL SURFACES FOR A NEW PAINT FINISH.
11	FURNITURE	REMOVE AND PROTECT ALL EXISTING FURNITURE, RETURN TO OWNER.

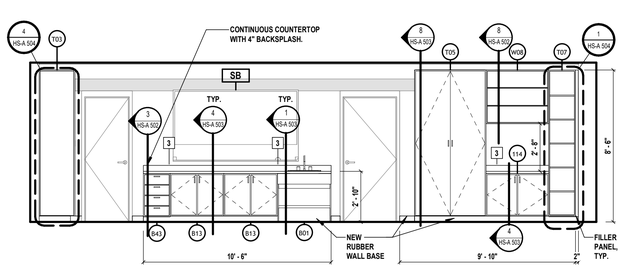
CLASSROOM UPGRADES GENERAL NOTES

1. REFER TO CLASSROOM CASEWORK DETAILS ON SHEETS HS-A502, HS-A503, AND HS-A504.
2. AT RESCUE WINDOWS - DO NOT OBSTRUCT WINDOW OPERATING HARDWARE.



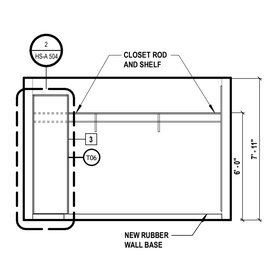
3 HOME EC/ FASHION ELEVATION

SCALE: 1/4" = 1'-0"



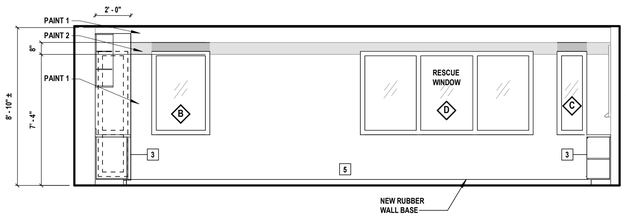
4 HOME EC/ FASHION ELEVATION

SCALE: 1/4" = 1'-0"



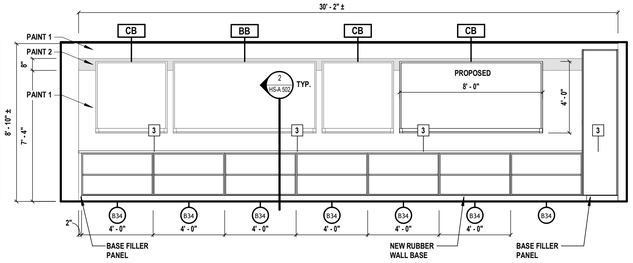
5 STORAGE RM ELEVATION

SCALE: 1/4" = 1'-0"



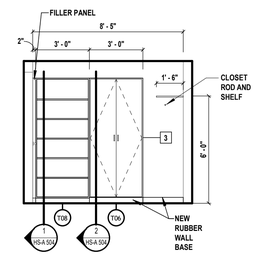
6 HOME EC/ FASHION ELEVATION

SCALE: 1/4" = 1'-0"



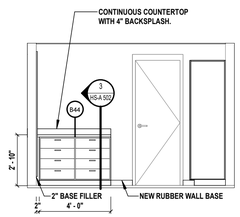
7 HOME EC/ FASHION ELEVATION

SCALE: 1/4" = 1'-0"



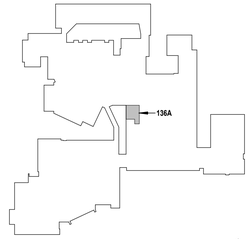
8 STORAGE RM ELEVATION

SCALE: 1/4" = 1'-0"



9 STORAGE RM ELEVATION

SCALE: 1/4" = 1'-0"



10 FASHION ROOM KEY PLAN

SCALE: 1" = 160'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
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VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FASHION ROOM ENLARGED PLANS & ELEVATIONS UPGRADES RM 136A

DRAWING No.
HS-A 409.00

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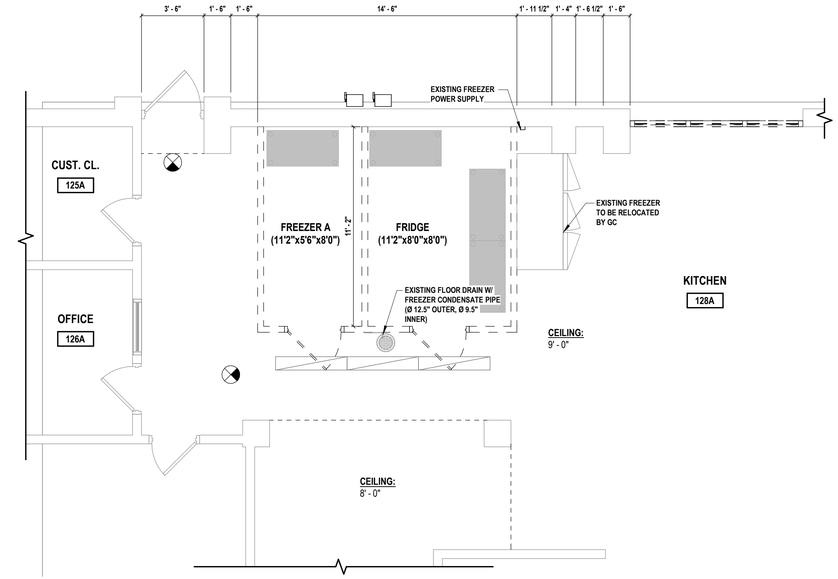
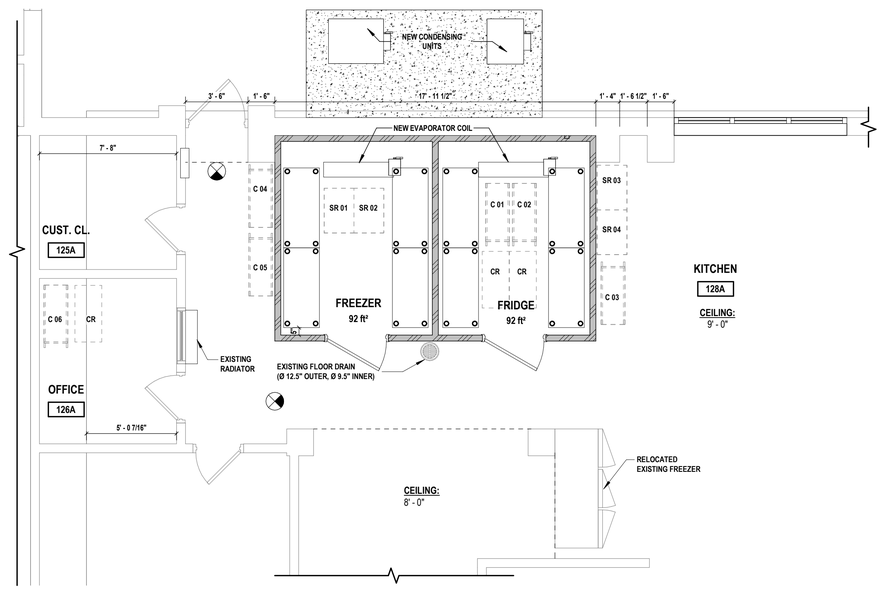


1 KITCHEN FREEZER - DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 KITCHEN FREEZER - PROPOSED PLAN

SCALE: 1/4" = 1'-0"

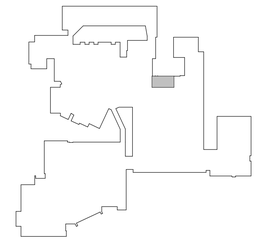
PROJECT NORTH

LEGEND

ROOM 000 SF — INDICATES ROOM DESIGNATION TAGS	EXISTING EXIT SIGN
3' / 2' FB — FLATBED PROVIDED BY OWNER	2' - 2" / 5' - 8" SR ## — SPEED RACK PROVIDED BY OWNER
3' 8" / 1' - 6" CR — CHIP RACK PROVIDED BY OWNER	3' - 6" / 1' 8" C — CART PROVIDED BY OWNER
	4' - 0" / 2' - 0" — STORAGE RACKS PROVIDED BY OWNER

DEMO FLOOR PLAN LEGEND

A101 / TYPE A — ROOM NUMBER ROOM TYPE	EXISTING WALL TO REMAIN
01 — SCOPE NOTE INDICATOR	EXISTING ELEMENT TO BE REMOVED & DISPOSED OF
EXISTING WINDOW TO REMAIN	AREA NOT IN SCOPE
EXISTING DOOR & FRAME TO REMAIN	AREA OF BASE BID
EXISTING DOOR TO BE REMOVED & DISPOSED OF	AREA OF ADD ALT G1 WORK
	AREA OF ADD ALT G2 WORK



3 FIRST FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
A. PAPPAS	A. PAPPAS	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ENLARGED KITCHEN PLANS LEVEL 1

DRAWING No.

HS-A 410.00

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FINISH ABBREVIATIONS

CG	CORNER GUARD	RB	RUBBER BASE
CMU	CONCRETE MASONRY UNIT	RUBBER	RUBBER FLOORING
CONC	CONCRETE	PT	PAINT
EF	EPOXY FINISH	SAC	SUSPENDED ACOUSTICAL CEILING
EPF-1	EPOXY FLOORING	STRUCT.	STRUCTURE
EWP	EPOXY WALL PAINT	EXIST	EXISTING
EXP	EXPOSED	EXT	EXTERIOR
G.W.B./GWB	GYPSUM WALL BOARD	HM	HOLLOW METAL
LVT	LUXURY VINYL TILE		

CONSTRUCTION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		EXISTING DOOR AND DOOR FRAME TO REMAIN. PAINT DOOR FRAME AS SELECTED BY DISTRICT
11	KEYED CONSTRUCTION NOTE INDICATOR		NEW DOOR
#	INDICATES DOOR TAGS FOR WORK IN CONTRACT - CONTRACTOR SHALL FIELD VERIFY ALL DOOR SIZES		INDICATES FLOOR FINISH FOR WORK IN CONTRACT
#/#	INDICATES THRESHOLD TAGS FOR WORK IN CONTRACT		EXISTING WALL TO REMAIN

ACCESSORY SCHEDULE

FIXTURE NO.	NAME	BRAND	MODEL #	QUANTITY	ADA
AC-03	MIRROR	BRADLEY CORPORATION	781	4	
AC-04	FIXED TILT MIRROR	BRADLEY CORPORATION	740	4	
AC-05	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BRADLEY CORPORATION	4722-150000	5	
AC-06	GRAB BARS			3	
AC-07	SANITARY NAPKIN VENDOR, @ 42" AFF	BRADLEY CORPORATION	4017-11	2	
AC-10	PARTITION SYSTEM	SCRANTON PRODUCTS	HINY HIDERS	8	

GENERAL CONSTRUCTION NOTES

1. TOILET ROOM DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKEOFFS AND FABRICATION OF MATERIALS.
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. PLUMBING CONTRACTOR SHALL ADJUST LOCATIONS OF WATER SUPPLIES AND WASTE AS REQUIRED FOR NEW FIXTURES.
4. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
5. CONTRACTOR SHALL INSTALL WALL TILES SO THAT THEY ARE VERTICALLY PLUMB WITHIN 1/8" FROM THE FACE OF THE BASE TILE TO THE FACE OF THE UPPERMOST TILE.
6. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
7. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
8. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE SET-OUT POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE WITH A MINIMUM DIMENSION OF FOUR (4) INCHES IN ANY DIRECTION.
9. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER & ARCHITECT

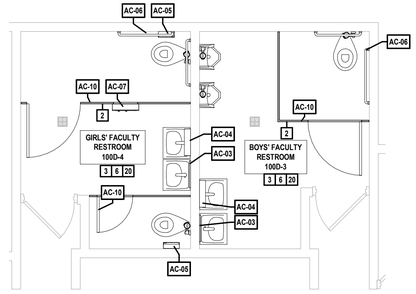
CONSTRUCTION NOTES - CONTRACT G

2	PARTITION SYSTEM	INSTALL NEW BATHROOM PARTITIONS.
3	WALL PAINT	PROVIDE NEW WALL PAINT. REFER ACCENT PAINT DETAIL FOR LAYOUT.
6	ACCESSORY FIXTURES	PROVIDE WALL MOUNTED ACCESSORY FIXTURES, WHICH INCLUDE SANITARY NAPKIN DISPENSER, SANITARY NAPKIN DISPOSAL, MIRROR, GRAB BARS, ETC.
20	WALL MOUNTED DEVICES	EXISTING ELECTRICAL DEVICES ON WALL TO REMAIN. PROTECT DURING APPLICATION OF NEW WALL PAINT, VERIFY LOCATION IN FIELD.

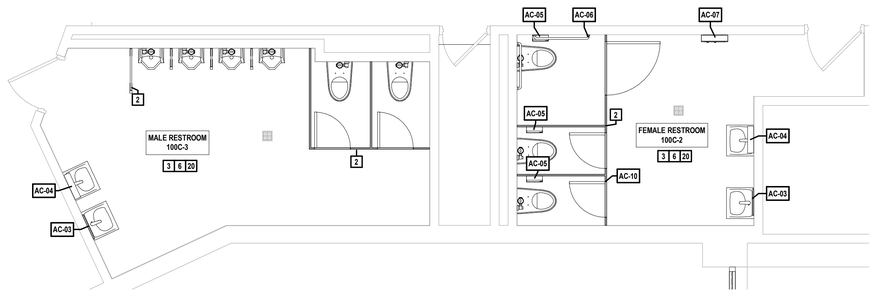
FINISH SCHEDULE

Number	NAME	FLOORING		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL	
		FINISH	BASE	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.
100C-2	W. BATHROOM	EPF-1	EPF-1	EWP	EXIST	EWP	EXIST	EWP	EXIST	EWP	EXIST
100C-3	M. BATHROOM	EPF-1	EPF-1	EWP	EXIST	EWP	EXIST	EWP	EXIST	EWP	EXIST
100D-3	MENS BATHROOM	EPF-1	EPF-1	EWP	EXIST	EWP	EXIST	EWP	EXIST	EWP	EXIST
100D-4	WOMENS BATHROOM	EPF-1	EPF-1	EWP	EXIST	EWP	EXIST	EWP	EXIST	EWP	EXIST

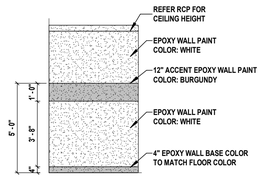
NOTE: FLOORING IS NOT APART OF CONTRACT 'G' AND WILL BE PROVIDED AND INSTALLED BY SEPARATE FLOORING CONTRACT. GC SHALL COORDINATE WORK SEQUENCING AND SCHEDULE WITH FLOORING CONTRACTOR



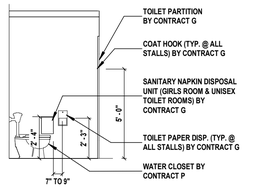
1 FACULTY RESTROOMS - PROPOSED CONDITIONS
SCALE: 1/4" = 1'-0"



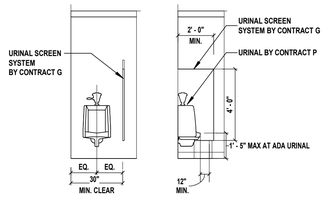
2 AUDITORIUM RESTROOMS - PROPOSED CONDITIONS
SCALE: 1/4" = 1'-0"



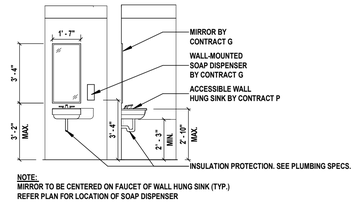
3 PAINT ACCENT WALL
SCALE: 1/4" = 1'-0"



5 TOILET - TYPICAL
SCALE: 1/4" = 1'-0"



6 URINAL - ACCESSIBLE
SCALE: 1/4" = 1'-0"



NOTE:
MIRROR TO BE CENTERED ON FAUCET OF WALL HUNG SINK (TYP.)
REFER PLAN FOR LOCATION OF SOAP DISPENSER

7 WALL HUNG SINK
SCALE: 1/4" = 1'-0"

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



4 KEY PLAN - LEVEL 1
SCALE: 1" = 100'-0"

PROJECT NORTH

H2M architects + engineers
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White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

RESTROOM UPGRADES PROPOSED PLANS

DRAWING No.

HS-A 430.00

X:\SI\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\SMSD2508_Bathroom Upgrades.rvt

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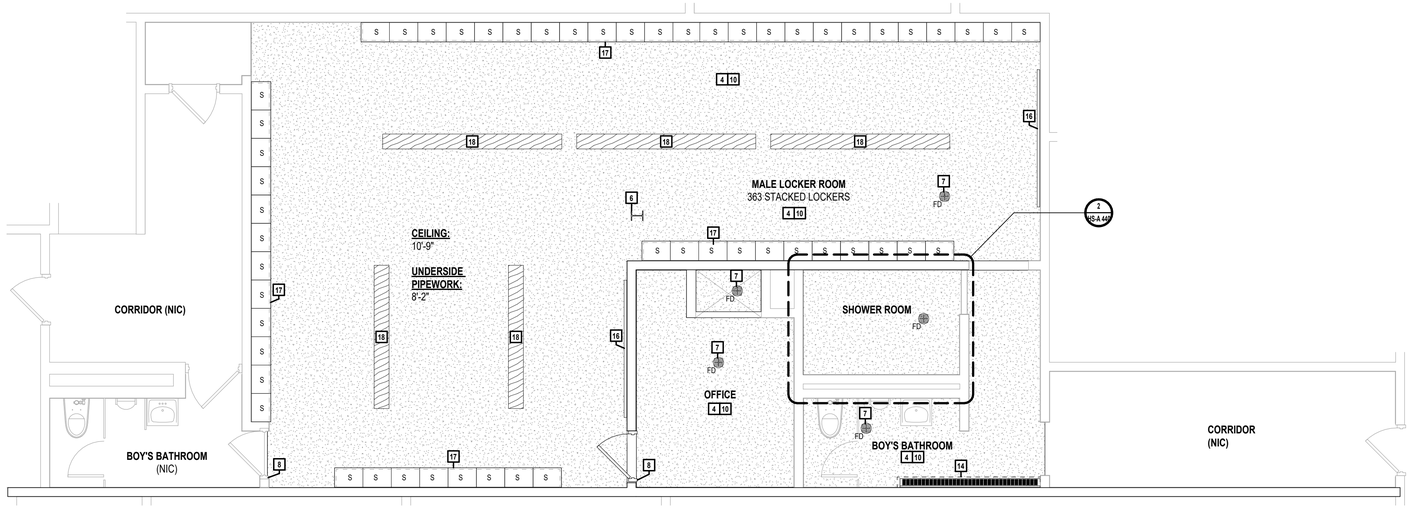
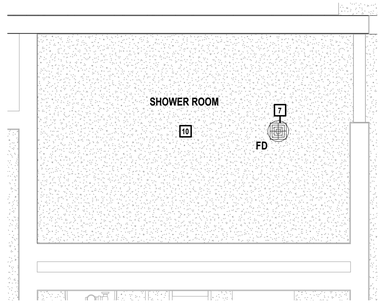


1 MALE LOCKER ROOM - CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"

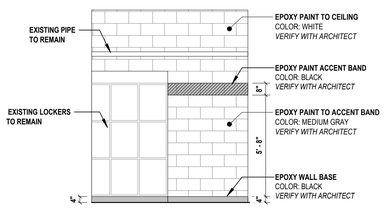
PROJECT NORTH



2 SHOWER ROOM ENLARGED PLAN

SCALE: 1/2" = 1'-0"

PROJECT NORTH



3 CMU BLOCK WALL ACCENTS

SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION NOTES

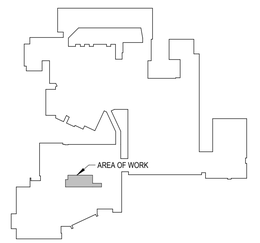
1. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL, NEW YORK STATE, AND NYSED, APPLICABLE BUILDING AND LIFE SAFETY REGULATIONS.
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. BUILDING DIMENSIONS AND SQUARE FOOTAGE SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL MATERIALS, DIMENSIONS, QUANTITIES AND CONDITIONS AT THE SITE PRIOR TO SUBMITTING THEIR BID(S) FOR THE PROJECT.
4. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
5. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
6. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE STARTING POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE.
7. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER AND ARCHITECT.

CONSTRUCTION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		INDICATES NEW CERAMIC FLOOR TILE FOR WORK IN CONTRACT
11	KEYED CONSTRUCTION NOTE INDICATOR	S	STACKED LOCKERS — TOTAL #: 363 LOCKERS
FD	FLOOR DRAIN	S/T	RELOCATED LOCKERS
2 HS-A 441	INDICATES THRESHOLD TAGS FOR WORK IN CONTRACT		EXISTING DOOR TO REMAIN

CONSTRUCTION NOTES

4	WALL MOUNTED ITEMS	THE CONTRACTOR SHALL REINSTALL EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS, STROBES AND SUPPLY AND RETURN GRILLES BACK TO THEIR ORIGINAL LOCATIONS.
6	STEEL COLUMN	SEAL, PRIME AND PAINT EXISTING STEEL COLUMN TO MATCH WALL PAINT SCHEME. SEE CMU BLOCK ACCENT WALL DETAIL FOR PRELIMINARY COLOR SELECTIONS. PAINT COLORS SHALL BE CONFIRMED WITH ARCHITECT BEFORE APPLICATION.
7	FLOOR DRAIN COVER	PROVIDE AND INSTALL NEW FLOOR DRAIN COVER. VERIFY LOCATIONS IN FIELD.
8	DOOR FRAME	PRIME AND PAINT EXISTING DOOR FRAMES.
10	WALL FINISH	SEAL, PRIME AND PAINT EXISTING CMU WALLS. SEE CMU BLOCK WALL ACCENTS DETAIL FOR COLOR SELECTIONS TO BE APPLIED TO ALL WALLS. PAINT COLORS SHALL BE CONFIRMED WITH ARCHITECT BEFORE APPLICATION.
14	RADIATOR COVER	PROVIDE NEW RADIATOR COVER. VERIFY DIMENSIONS IN FIELD.
16	WHITE BOARD	INSTALL NEW WHITE BOARDS.
17	LOCKERS	EXISTING LOCKERS TO REMAIN U.O.N.
18	BENCH	OWNER TO PURCHASE NEW BENCHES. GC SHALL FASTEN NEW BENCHES TO THE FLOOR.



FIRST FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

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SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MALE LOCKER ROOM CONSTRUCTION PLAN, LEGENDS, AND NOTES

DRAWING No.

HS-A 440.00

X:\S\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Locker Rooms\SMSD2508_LockerRooms.rvt
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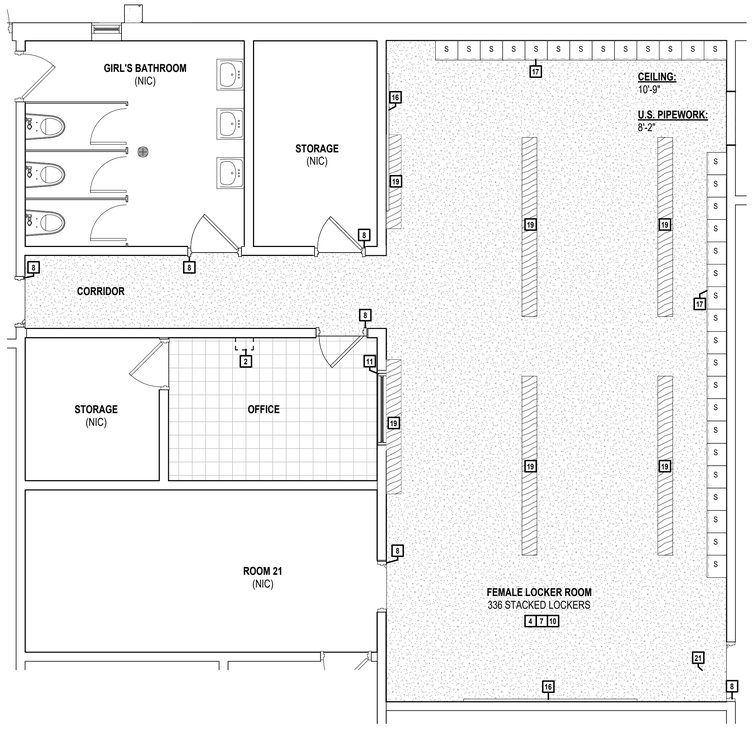
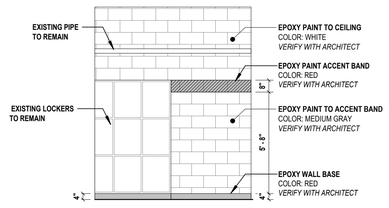


1 FEMALE LOCKER ROOM - CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 CMU BLOCK WALL ACCENTS

SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION NOTES

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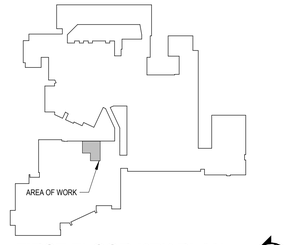
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. BUILDING DIMENSIONS AND SQUARE FOOTAGE SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL MATERIALS, DIMENSIONS, QUANTITIES AND CONDITIONS AT THE SITE PRIOR TO SUBMITTING THEIR BID(S) FOR THE PROJECT.
4. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
5. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
6. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE STARTING POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE.
7. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER AND ARCHITECT.

CONSTRUCTION LEGEND

ROOM	INDICATES ROOM NAME FOR WORK IN CONTRACT		INDICATES NEW VCT FLOOR FINISH FOR WORK IN CONTRACT
11	KEYED CONSTRUCTION NOTE INDICATOR	S	STACKED LOCKERS TOTAL #: 375 LOCKERS
#	INDICATES DOOR TAGS FOR WORK IN CONTRACT - CONTRACTOR SHALL FIELD VERIFY ALL DOOR SIZES	S	RELOCATED LOCKERS (N/A)
#	INDICATES THRESHOLD TAGS FOR WORK IN CONTRACT		EXISTING DOOR TO REMAIN
	INDICATES NEW CONCRETE FLOOR FINISH FOR WORK IN CONTRACT		

CONSTRUCTION NOTES

2	CEILING GRILLE	PROVIDE NEW CEILING GRILLE IN KIND. VERIFY SIZE AND LOCATION IN FIELD.
4	WALL MOUNTED ITEMS	THE CONTRACTOR SHALL REINSTALL EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL SPEAKERS, SMOKE DETECTORS, STROBES AND SUPPLY AND RETURN GRILLES BACK TO THEIR ORIGINAL LOCATIONS.
7	FLOOR DRAIN COVER	PROVIDE AND INSTALL NEW FLOOR DRAIN COVER. VERIFY LOCATIONS IN FIELD.
8	DOOR FRAME	PRIME AND PAINT EXISTING DOOR FRAMES.
10	WALL FINISH	SEAL, PRIME AND PAINT EXISTING CMU WALLS. SEE CMU BLOCK WALL ACCENTS DETAIL FOR COLOR SELECTIONS TO BE APPLIED TO ALL WALLS. PAINT COLORS SHALL BE CONFIRMED WITH ARCHITECT BEFORE APPLICATION.
11	WINDOW FRAME	PRIME AND PAINT EXISTING WINDOW FRAMES.
16	WHITE BOARD	INSTALL NEW WHITE BOARDS.
17	LOCKERS	EXISTING LOCKERS TO REMAIN U.O.N.
19	BENCH	GC TO REMOVE AND REINSTALL EXISTING BENCHES FOR INSTALLATION OF NEW FLOORING BY OTHERS. GC TO PRIME AND PAINT EXISTING BENCHS PRIOR TO REINSTALLATION.
21	DOOR	REPLACE EXISTING DOOR LEAF; PROVIDE AND INSTALL NEW DOOR



FIRST FLOOR KEY PLAN

SCALE: 1" = 160'-0"

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NY PROFESSIONAL ARCHITECT Lic. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	C. HENRY	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

FEMALE LOCKER ROOM CONSTRUCTION PLAN, LEGENDS, AND NOTES

DRAWING No.

HS-A 441.00

X:\S\SMSD (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02-BIM-CADD\Con-Docs\08 Architectural\Locker Rooms\SMSD2508_LockerRooms.rvt
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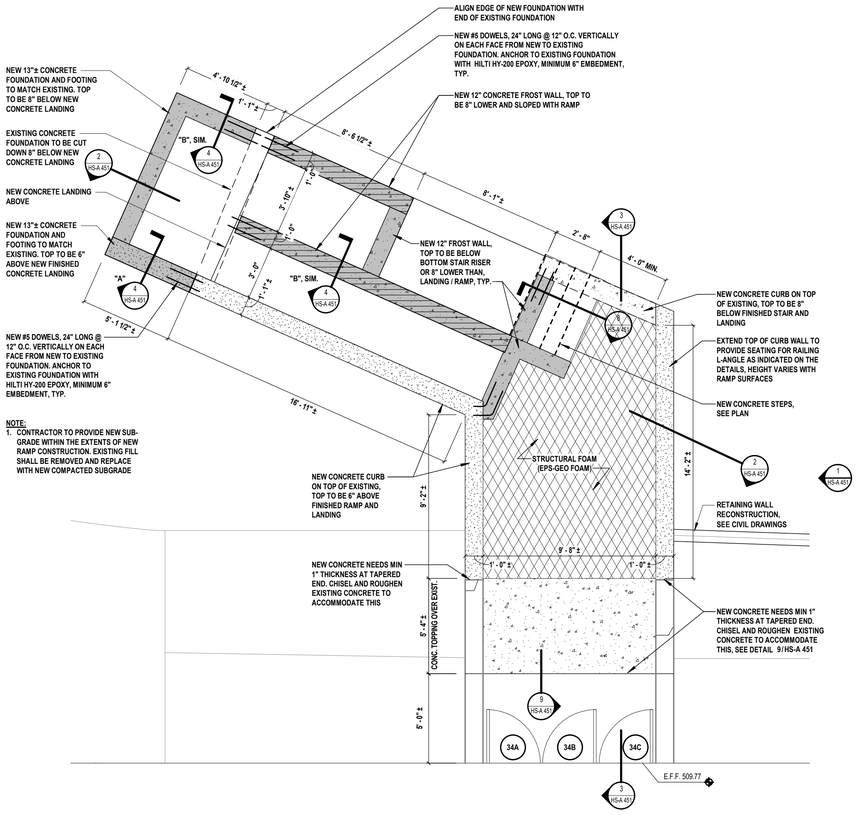
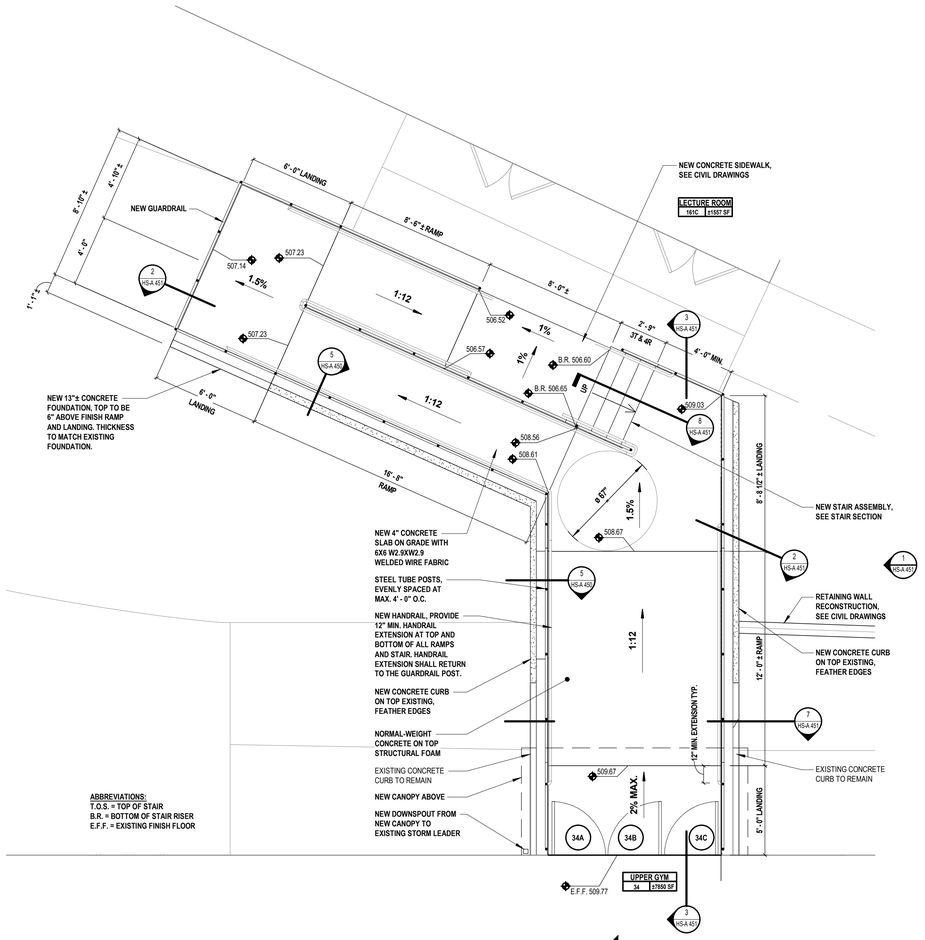


1 EXTERIOR GYM RAMP - FOUNDATION PLAN - ALTERNATE

SCALE: 1/4" = 1'-0"



ABBREVIATIONS:
T.O.S. = TOP OF STAIR
B.R. = BOTTOM OF STAIR RISER
E.F.F. = EXISTING FINISH FLOOR

2 EXTERIOR GYM RAMP - FLOOR PLAN - ALTERNATE

SCALE: 1/4" = 1'-0"

DESIGN CRITERIA

DESIGN NOTES:

1. BUILDING CODE:
   2025 BUILDING CODE OF NEW YORK STATE IN CONJUNCTION WITH THE 2024 INTERNATIONAL BUILDING CODE.
2. RISK CATEGORY:
   III
3. BUILDING GRAVITY LOADS:
   A. DEAD LOADS:
      RAMP - CONCRETE 50 PSF
      RAMP - METAL 15 PSF
   B. LIVE LOADS:
      RAMP 100 PSF
   C. SNOW LOADS:

GROUND SNOW LOAD, pg	61 PSF
EXPOSURE COEFFICIENT, Ce	1.0
THERMAL COEFFICIENT, Ct	1.2
SNOW IMPORTANCE FACTOR	1.0
MINIMUM SNOW LOAD, pm	35.0 PSF
BALANCED SNOW LOAD	51.2 PSF
FLAT ROOF SNOW LOAD, pf	NA
RAIN-ON-SNOW SUCHARGE	NA

4. WIND LOADS:

BASIC WIND SPEED	123 MPH
EXPOSURE	B

5. SEISMIC LOADS:

SEISMIC SITE CLASS	D
SEISMIC IMPORTANCE FACTOR, Ie	1.25
Ss = 0.26 g	S1 = 0.05 g
Sms = 0.29 g	Sm1 =0.11 g
Sds = 0.2 g	Sd1 =0.071 g
SEISMIC DESIGN CATEGORY	B

ANALYSIS PROCEDURE:
EQUIVALENT LATERAL FORCE PROCEDURE
SEISMIC FORCE RESISTING SYSTEM:
STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
R = 3.0 Cd = 3.0 Ω_0 = 3.0

SEISMIC RESPONSE COEFFICIENT, Cs	0.081
BASE SHEAR, ULTIMATE	1.5 KIPS

6. SOIL DESIGN VALUES:

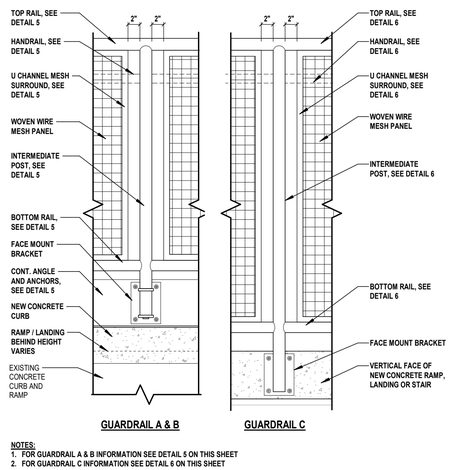
SOIL BEARING CAPACITY	4,000 PSF
SUBGRADE MODULUS	110 PCI

SOIL DESIGN VALUES AS REPORTED IN GEOTECHNICAL ENGINEERING REPORT BY CARLIN SIMPSON & ASSOCIATES, DATED 10/01/2026.

7. ANY BUILDING COMPONENT NOTED AS DELEGATED DESIGN ITEMS IN DRAWINGS AND/OR SPECIFICATIONS SHALL BE DESIGNED IN ACCORDANCE WITH MINIMUM LOADS SPECIFIED ABOVE. ANY DEVIATION FROM NOTED LOAD VALUES SHALL BE SUBMITTED BY CONTRACTOR FOR REVIEW AND APPROVAL TO EOR PRIOR TO SUBMITTING SHOP DRAWINGS AND CALCULATIONS.
8. ALL DELEGATED DESIGN SHALL BE DONE TO THE ABOVE REFERENCED BUILDING CODE VERSIONS, AND THEIR REFERENCED SUBCODES.

PROPOSED GYM RAMP NOTES

1. ALL STEEL EXPOSED TO EXTERIOR CONDITIONS SHALL BE HOT DIP GALVANIZED UNLESS OTHERWISE NOTED.

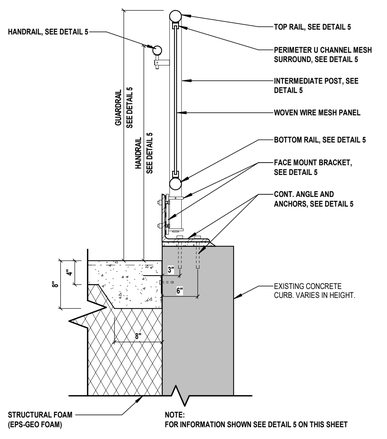


GUARDRAIL A & B GUARDRAIL C

NOTES:
1. FOR GUARDRAIL A & B INFORMATION SEE DETAIL 5 ON THIS SHEET
2. FOR GUARDRAIL C INFORMATION SEE DETAIL 6 ON THIS SHEET

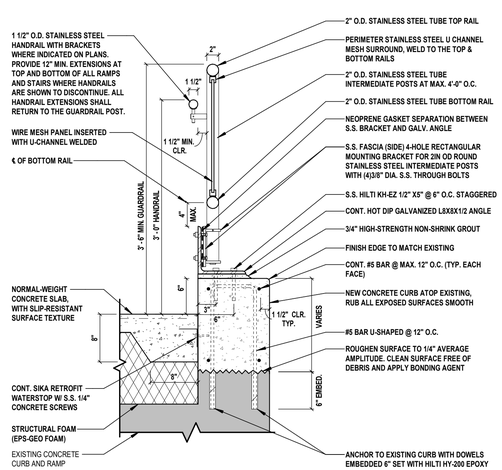
3 GUARDRAIL - SIDE MOUNT ELEVATION - ALT

SCALE: 1" = 1'-0"



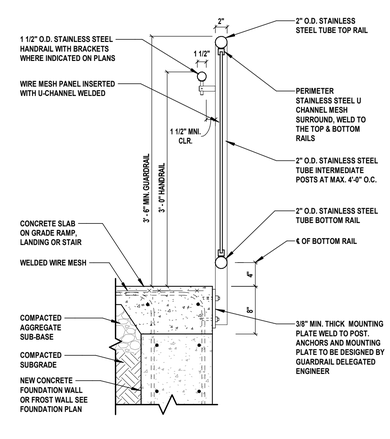
4 GUARDRAIL - RAILING DETAIL A - ALT

SCALE: 1" = 1'-0"



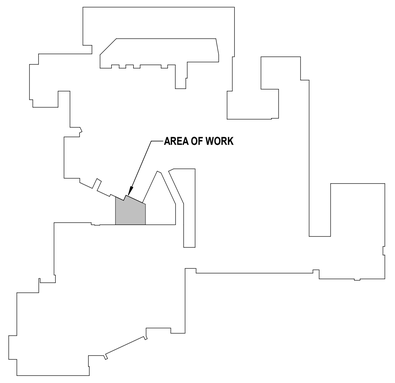
5 GUARDRAIL - RAILING DETAIL B - ALT

SCALE: 1" = 1'-0"



6 GUARDRAIL - RAILING DETAIL C - ALT

SCALE: 1" = 1'-0"



SECOND FLOOR KEY PLAN

SCALE: 1" = 100'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183
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GYM EXTERIOR RAMP PROPOSED PLANS AND DETAILS ALTERNATE

DRAWING No.
HS-A 450.00

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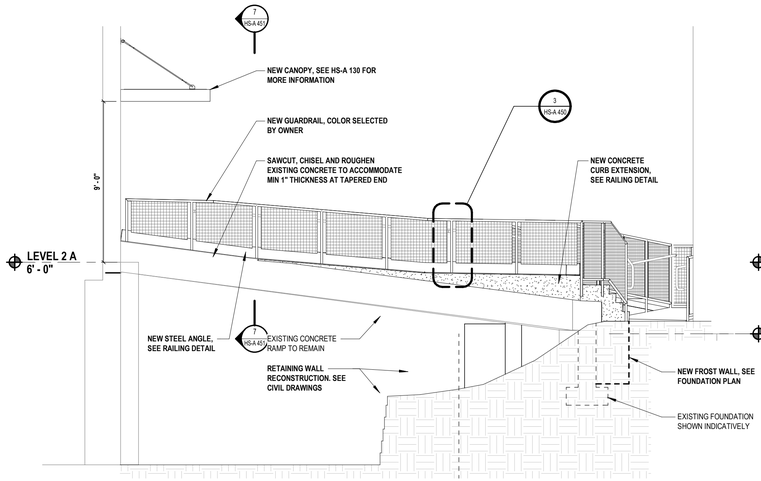
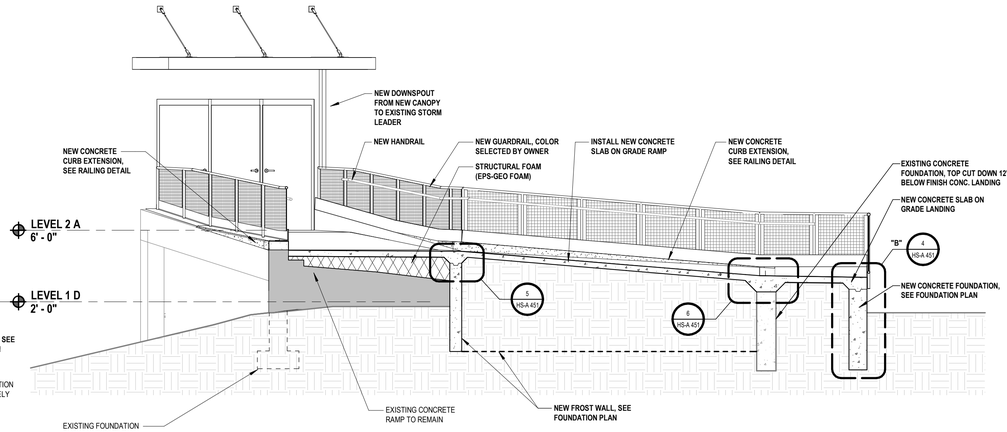


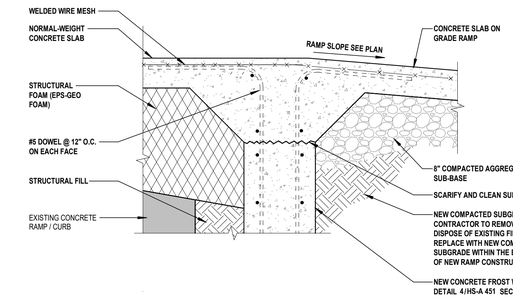
1 EXTERIOR GYM RAMP - PROPOSED ELEVATION/SECTION - ALTERNATE

SCALE: 1/4" = 1'-0"



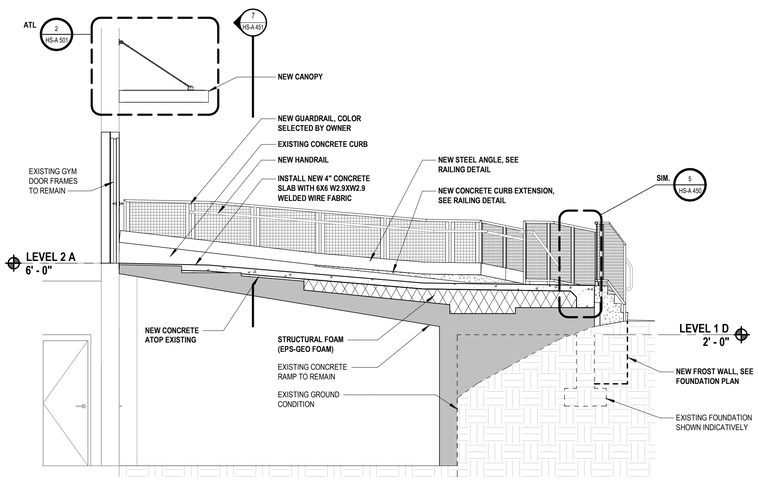
2 EXTERIOR GYM RAMP - SECTION B - ALTERNATE

SCALE: 1/4" = 1'-0"



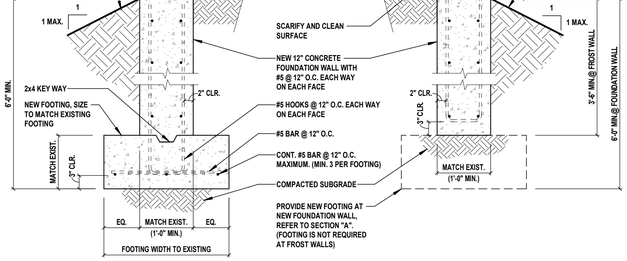
5 RAMP TOP LANDING DETAIL - ALTERNATE

SCALE: 1" = 1'-0"



3 EXTERIOR GYM RAMP - SECTION A - ALTERNATE

SCALE: 1/4" = 1'-0"

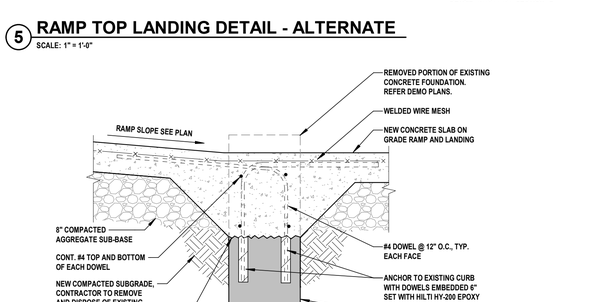


NOTES:

1. CONTRACTOR TO PROVIDE NEW SUB-GRADE WITHIN THE EXTENTS OF NEW RAMP CONSTRUCTION. EXISTING FILL SHALL BE REMOVED AND REPLACE WITH NEW COMPACTED SUBGRADE.
2. WOOD FLOAT AND BRUSH FINISH PERPENDICULAR TO SLOPE ON ALL SURFACES ABOVE GRADE.
3. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
4. COMPACT SUBGRADE TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
5. PROVIDE THE FOLLOWING DEFORMED BAR REINFORCEMENT EDGE CLEARANCES:
   - 3-INCHES WHERE CAST AGAINST EARTH
   - 2- INCHES WHERE BOARD-FORMED AND EXPOSED TO EARTH
   - 1 1/2-INCHES WHERE EXPOSED TO WEATHER

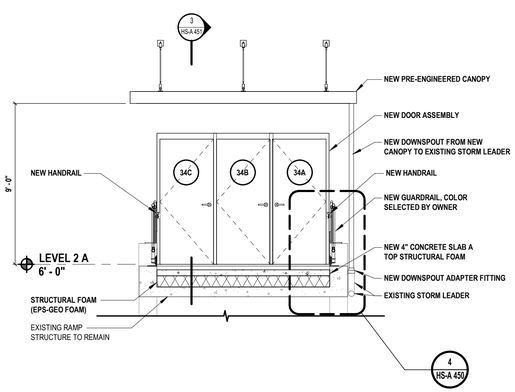
4 NEW FOUNDATION SECTION - ALTERNATE

SCALE: 3/4" = 1'-0"



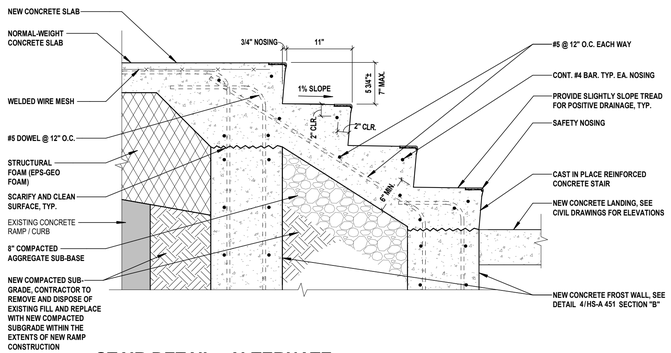
6 RAMP INTERMEDIATE LANDING DETAIL - ALTERNATE

SCALE: 1" = 1'-0"



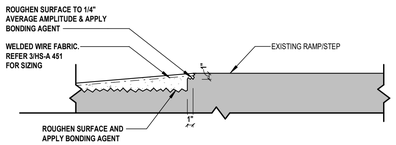
7 EXTERIOR GYM RAMP - SECTION C - ALTERNATE

SCALE: 1/4" = 1'-0"



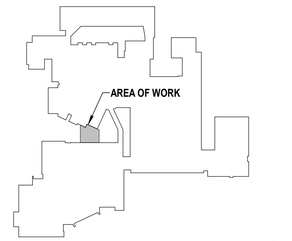
8 STAIR DETAIL - ALTERNATE

SCALE: 1" = 1'-0"



9 CONC. RAMP ROUGHING DETAIL - ALTERNATE

SCALE: 1" = 1'-0"



SECOND FLOOR KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

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SHEET TITLE

GYM EXTERIOR RAMP PROPOSED CONDITIONS PLAN ALTERNATE

DRAWING No.

HS-A 451.00

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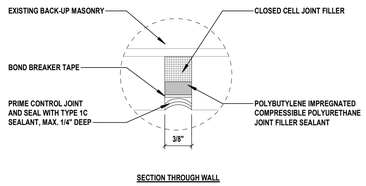
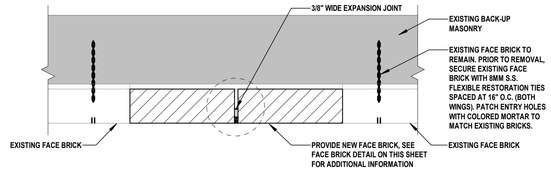
1 MASONRY POINTING
SCALE: 1 1/2" = 1'-0"

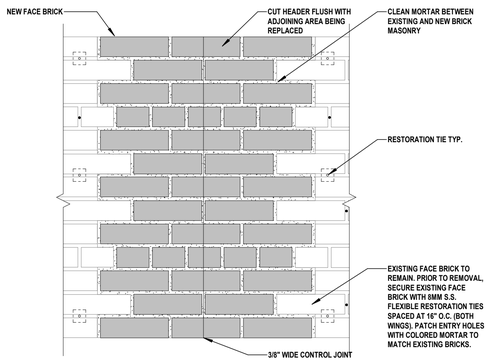


SECTION THROUGH WALL

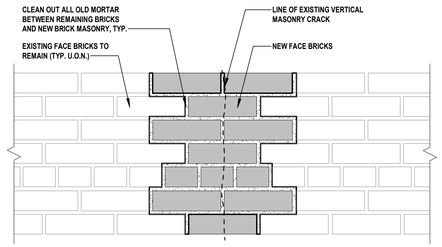
2 EXTERIOR MASONRY WALL - CONTROL JOINT-SECTION
SCALE: 12" = 1'-0"



3 EXTERIOR MASONRY WALL - EXPANSION JOINT-PLAN
SCALE: 1 1/2" = 1'-0"

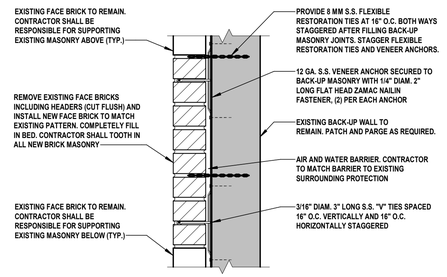


4 EXTERIOR MASONRY WALL - EXPANSION JOINT-ELEVATION
SCALE: 1 1/2" = 1'-0"



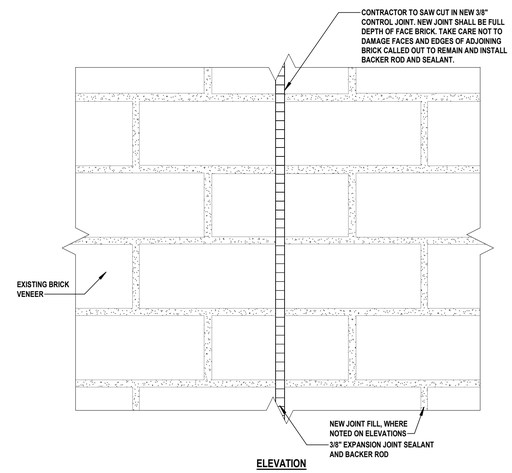
NOTES:
1. REPLACE HATCHED BRICKS/BLOCKS WITH NEW BRICKS/BLOCKS.
2. DO NOT REPLACE HEADER BRICKS IF NOT CRACKED.
3. ALL JOINTS BETWEEN BRICK HEAD AND BED JOINTS ARE TO BE FILLED SOLID.

5 MASONRY STITCH REPAIR
SCALE: 1 1/2" = 1'-0"



NOTE: REPLACE EXISTING MASONRY THROUGH-WALL AND COUNTER FLASHING WITH NEW WHERE INDICATED ON ELEVATIONS.

6 BRICK REPLACEMENT - FACE BRICK/ SPLIT FACE
SCALE: 1 1/2" = 1'-0"



ELEVATION

7 NEW EXPANSION JOINT - ELEVATION
SCALE: 3" = 1'-0"

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ARCHITECTURAL DETAILS

DRAWING No.

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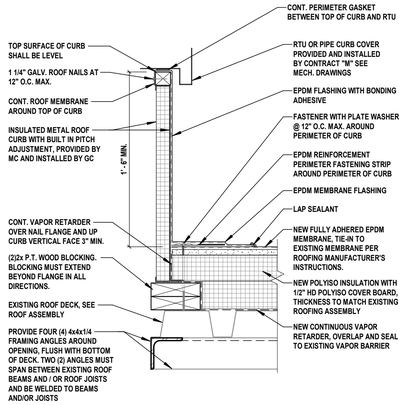
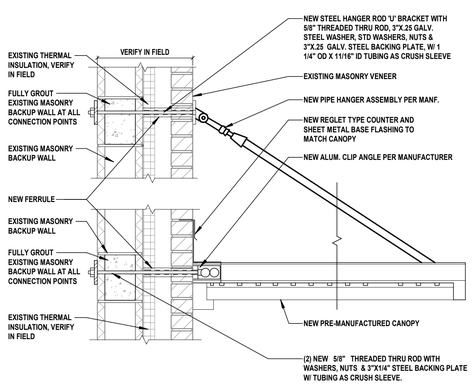
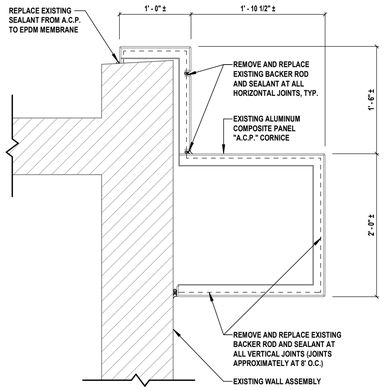


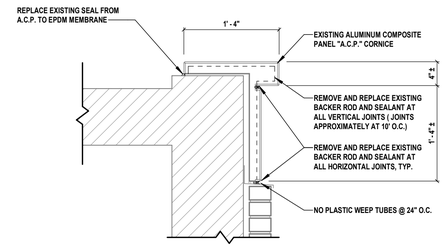
1 EQUIPMENT CURB DETAIL (NEW)
SCALE: 1 1/2" = 1'-0"



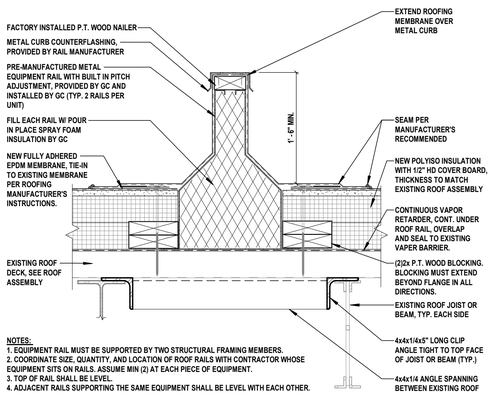
2 PRE-ENGINEERED METAL CANOPY - ALTERNATE
SCALE: 1" = 1'-0"



3 ALUMINUM COMPOSITE PANEL CORNICE SECTION
SCALE: 1" = 1'-0"

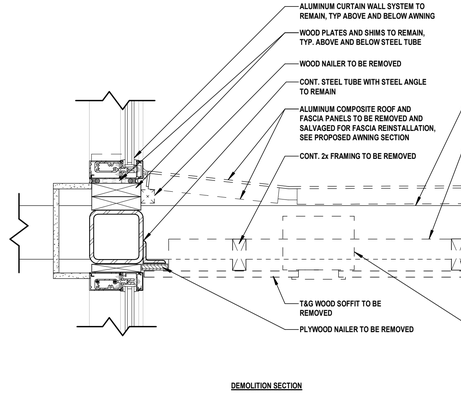


4 ALUMINUM COMPOSITE PANEL CORNICE SECTION
SCALE: 1" = 1'-0"

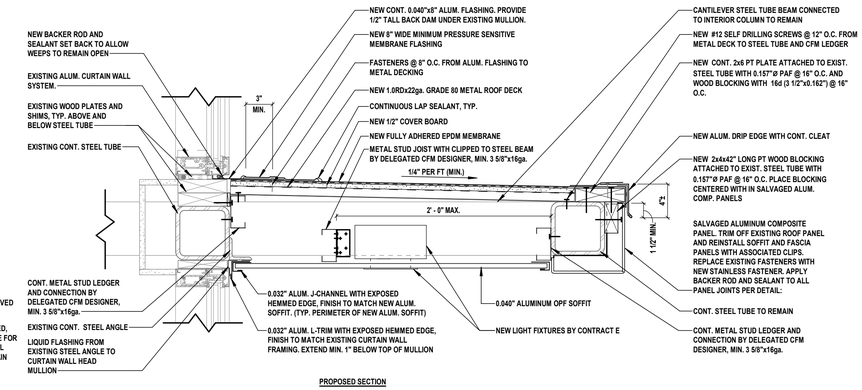


NOTES:
1. EQUIPMENT RAIL MUST BE SUPPORTED BY TWO STRUCTURAL FRAMING MEMBERS.
2. COORDINATE SIZE, QUANTITY, AND LOCATION OF ROOF RAILS WITH CONTRACTOR WHOSE EQUIPMENT SITS ON RAILS. ASSUME MIN (2) AT EACH PIECE OF EQUIPMENT.
3. TOP OF RAIL SHALL BE LEVEL.
4. ADJACENT RAILS SUPPORTING THE SAME EQUIPMENT SHALL BE LEVEL WITH EACH OTHER.

5 EQUIPMENT RAIL DETAIL (NEW)
SCALE: 1 1/2" = 1'-0"

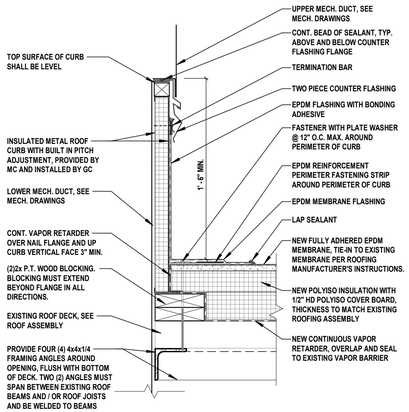


DEMOLITION SECTION

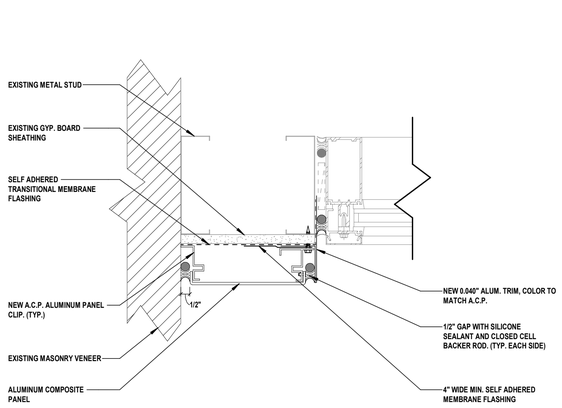


PROPOSED SECTION

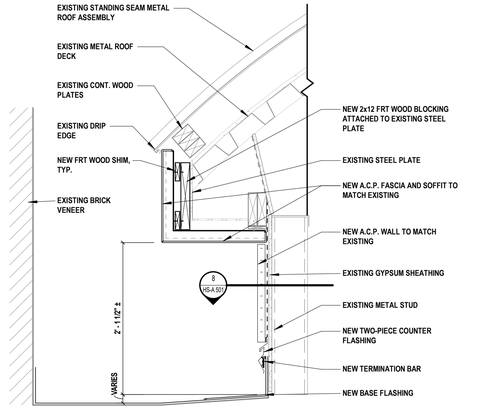
6 AWNING ROOF AND SOFFIT REPLACEMENT SECTIONS
SCALE: 1 1/2" = 1'-0"



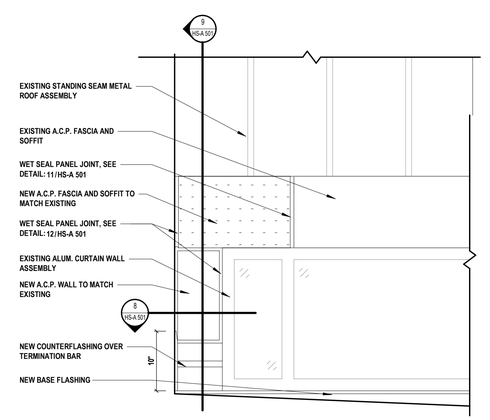
7 THROUGH ROOF DUCT DETAIL
SCALE: 1 1/2" = 1'-0"



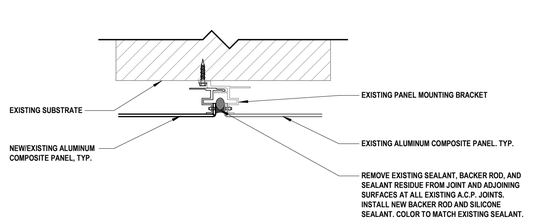
8 ROOF DETAIL PLAN
SCALE: 3" = 1'-0"



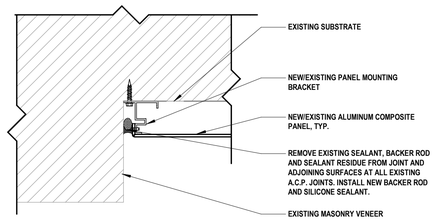
9 ROOF DETAIL SECTION
SCALE: 1" = 1'-0"



10 FASCIA & WALL REPAIR ELEVATION DETAIL
SCALE: 1" = 1'-0"



11 ALUMINUM COMPOSITE PANEL JOINT DETAIL
SCALE: 3" = 1'-0"



12 ALUMINUM COMPOSITE PANEL TO WALL DETAIL
SCALE: 3" = 1'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT LIC. No. 041183

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M. MAGAZU	M. SIMKULET	M. MAGAZU	

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

STATUS
FOR BID

SHEET TITLE
ROOF & AWNING DETAILS

DRAWING No.
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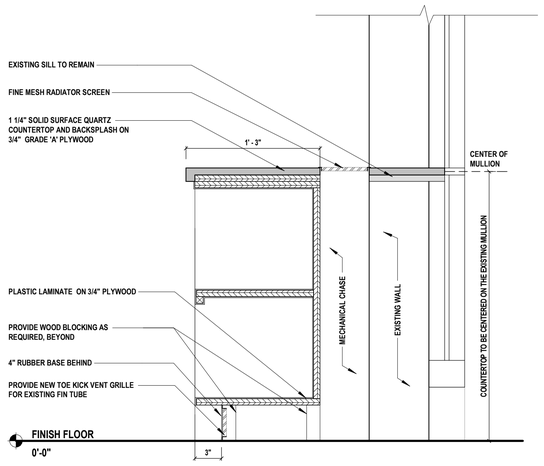
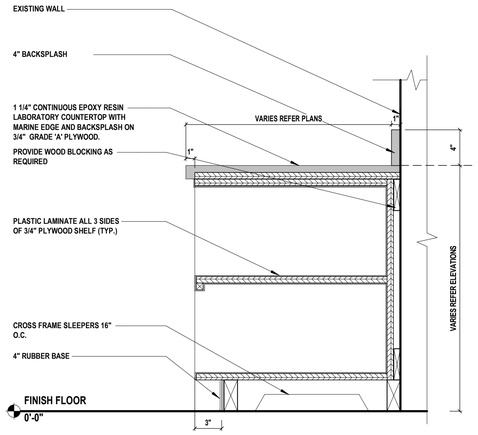


1 BASE CABINET - OPEN SHELVES W/ EXIST. FIN TUBE SECTION

SCALE: 1 1/2" = 1'-0"

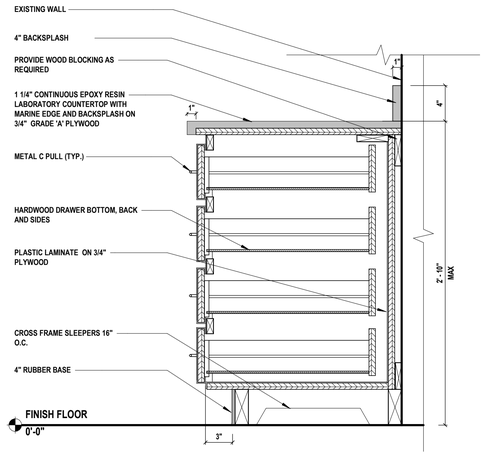
CASEWORK TYPE: B36



2 BASE CABINET - TWO OPEN SHELVES SECTION

SCALE: 1 1/2" = 1'-0"

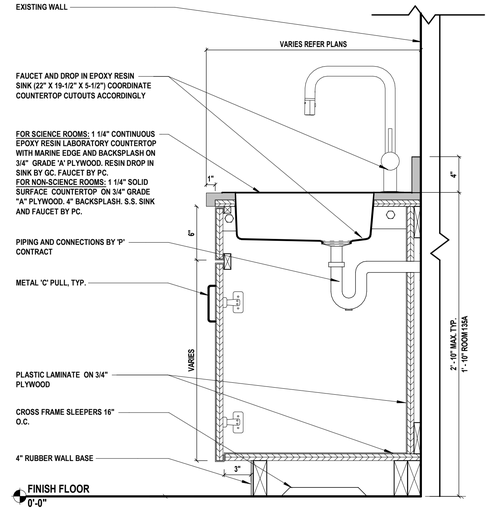
CASEWORK TYPE: B31, B32, B33, B34, B35



3 BASE CABINET - FOUR DRAWER SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: B42, B43, B44



4 BASE CABINET - DOUBLE DOOR SINK

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: B02, B03, B04, B05

5 WALL CABINET - DOUBLE DOOR 4 SHELF SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: W01, W03

6 WALL CABINET - DOUBLE DOOR 2 SHELF SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: W02

7 WALL CABINET - DOUBLE DOOR 2 SHELF SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: W04, W05

8 WALL CABINET - OPEN SHELF SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: W06, W07

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Exp. Date

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SHEET TITLE

CASEWORK DETAILS

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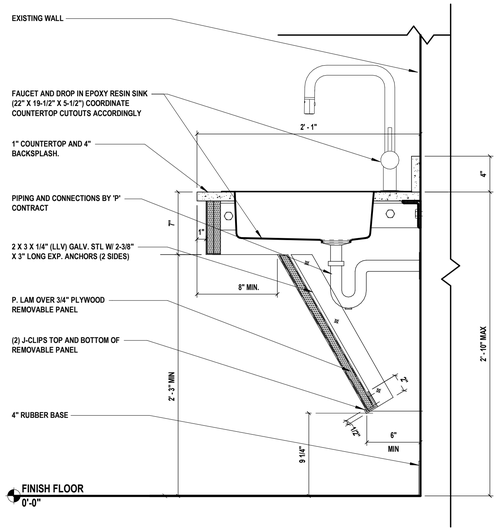
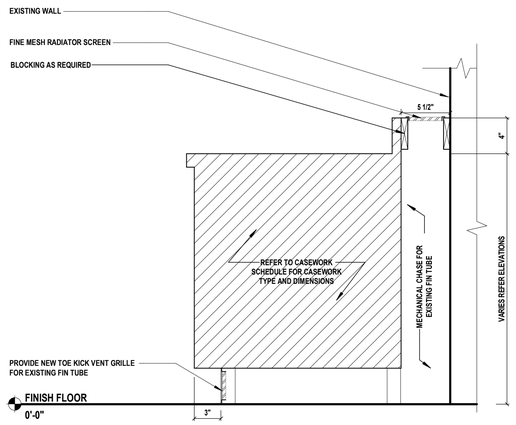


1 BASE CABINET - ADA SINK SECTION

SCALE: 1 1/2" = 1'-0"

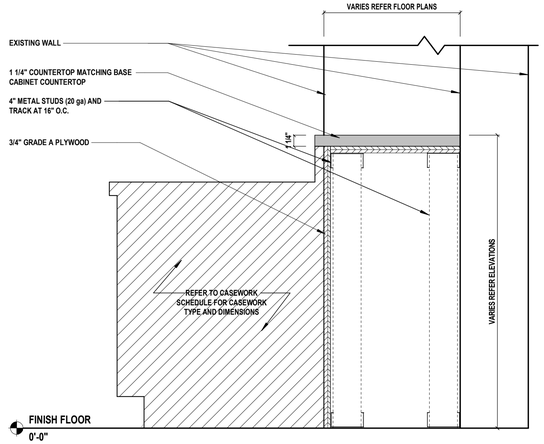
CASEWORK TYPE: B01



2 BASE CABINET - MECHANICAL CHASE FOR EXIST. FIN TUBE

SCALE: 1 1/2" = 1'-0"

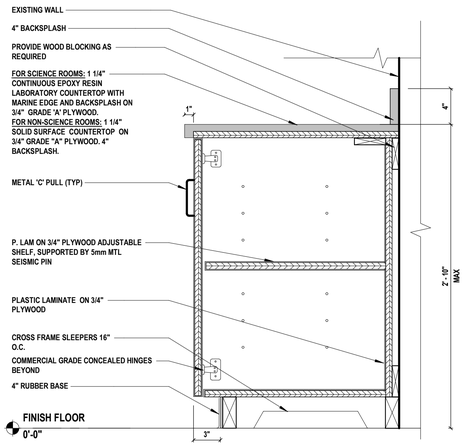
CASEWORK TYPE: N/A



3 BASE CABINET - BUILT OUT CHASE WALL

SCALE: 1 1/2" = 1'-0"

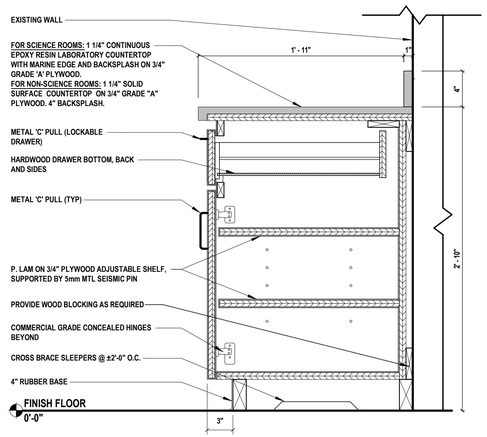
CASEWORK TYPE: N/A



4 BASE CABINET - 2 DOOR W/SHELF SECTION

SCALE: 1 1/2" = 1'-0"

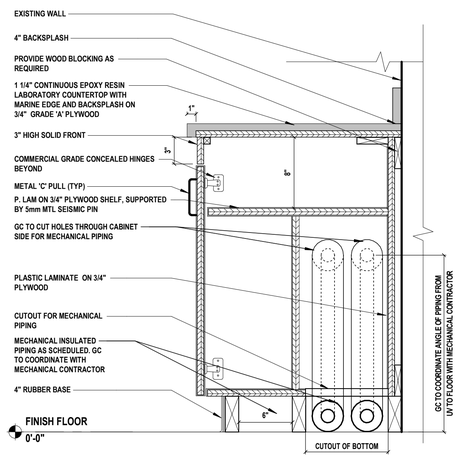
CASEWORK TYPE: B10, B11



5 BASE CABINET - 2 DOOR W/DRAWER

SCALE: 1 1/2" = 1'-0"

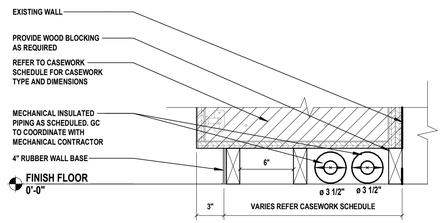
CASEWORK TYPE: B21, B22



6 BASE CABINET - SINGLE DOOR FOR MECH ACCESS

SCALE: 1 1/2" = 1'-0"

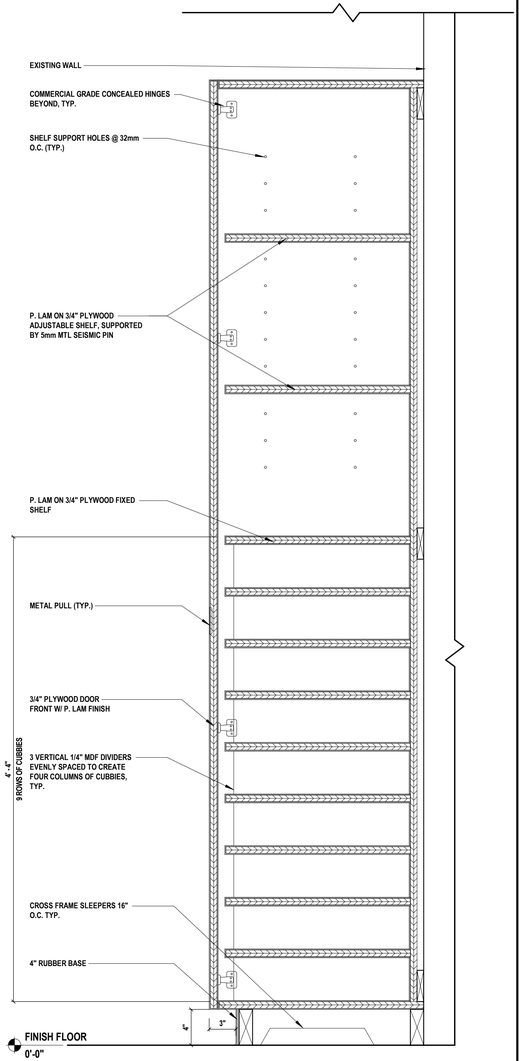
CASEWORK TYPE: B45, B46



7 BASE CABINET - MEP PIPING RUN BELOW CASEWORK

SCALE: 1 1/2" = 1'-0"

APPLIES TO CASEWORK IN ELEVATIONS: 4/HS-A 406 , 4/HS-A 407



8 TALL CABINET - DOUBLE DOOR W/CUBBIES SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: T05

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
Exp. Date

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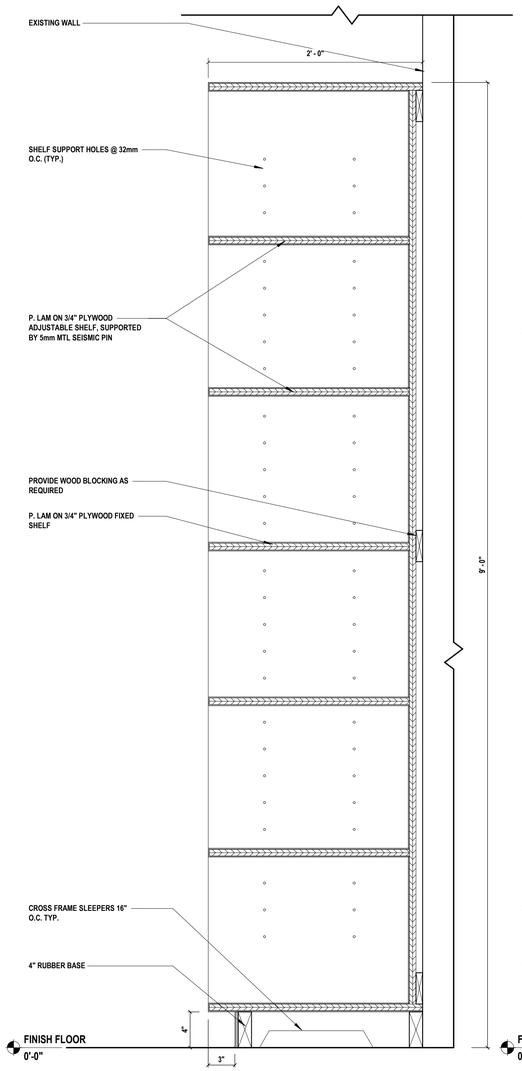
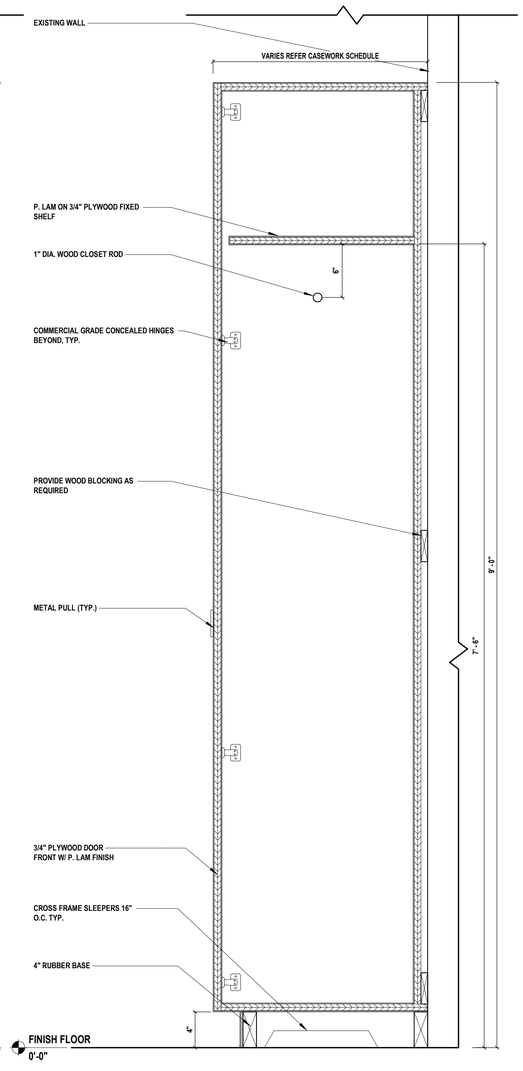


1 TALL CABINET - OPEN SHELF SECTION

SCALE: 1 1/2" = 1'-0"

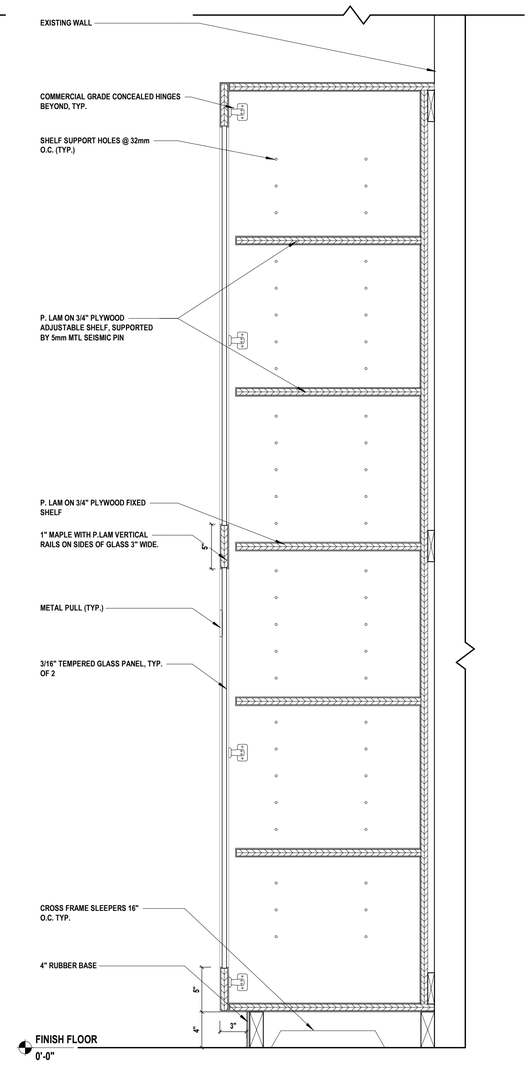
CASEWORK TYPE: T07, T08, T09, T10, T11



2 WARDROBE W/ TOP SHELF SECTION

SCALE: 1 1/2" = 1'-0"

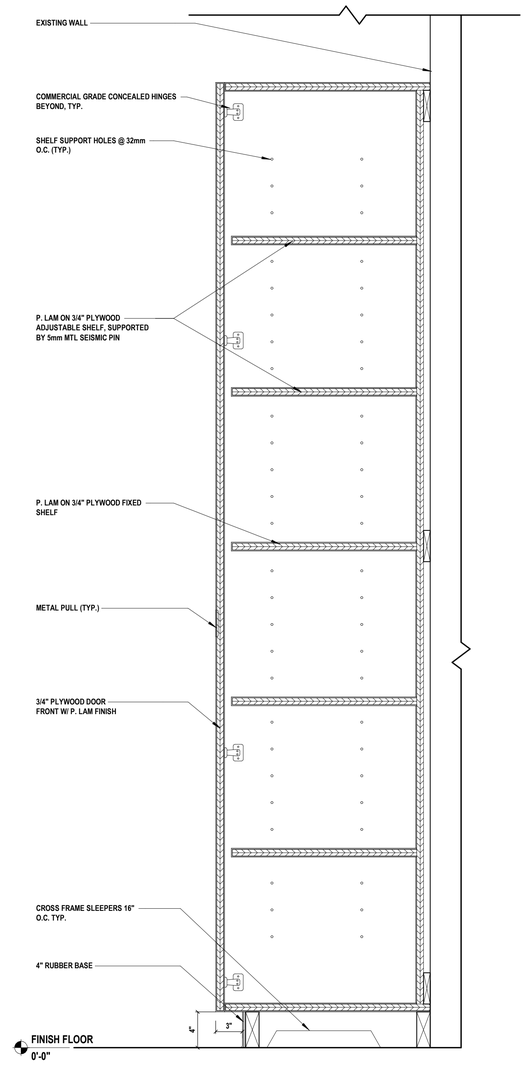
CASEWORK TYPE: T03, T06



3 TALL CABINET - DOUBLE DOOR W/ GLASS & SHELVES SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: T07, T08, T09



4 TALL CABINET - DOUBLE DOOR W/ SHELF SECTION

SCALE: 1 1/2" = 1'-0"

CASEWORK TYPE: T01, T02

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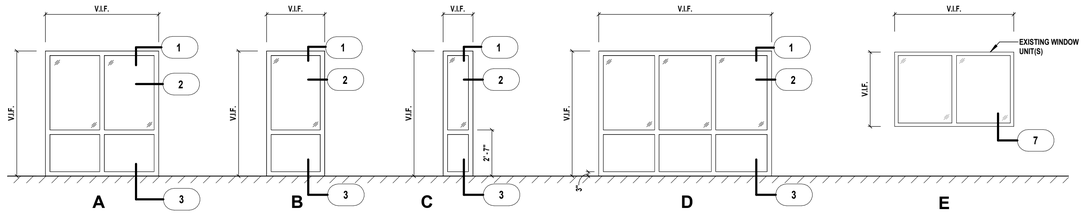
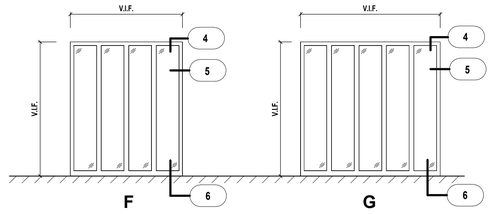


EXTERIOR WINDOW TYPES

SCALE: 1/4" = 1'-0"



INTERIOR WINDOW TYPES

SCALE: 1/4" = 1'-0"

WINDOW SCHEDULE

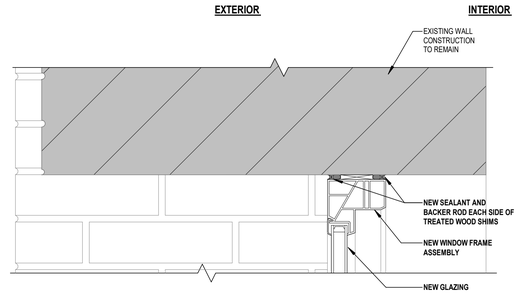
WINDOW TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS			COMMENTS
			HEAD	JAMB	SILL	
A	HM	PT	1/HS-A-510	2/HS-A-510	3/HS-A-510	EXISTING WINDOW AND FRAME TO BE REPLACED.
B	HM	PT	1/HS-A-510	2/HS-A-510	3/HS-A-510	EXISTING WINDOW AND FRAME TO BE REPLACED.
C	HM	PT	1/HS-A-510	2/HS-A-510	3/HS-A-510	EXISTING WINDOW AND FRAME TO BE REPLACED.
D	HM	PT	1/HS-A-510	2/HS-A-510	3/HS-A-510	EXISTING WINDOW AND FRAME TO BE REPLACED.
E	EXIST.	PT	-	-	7/HS-A-510	EXISTING WINDOW TO REMAIN. EXISTING INTERIOR WINDOW SILL TO BE REPLACED.
F	EXIST.	PT	4/HS-A-510	5/HS-A-510	6/HS-A-510	WIRE GLASS TO BE REPLACED WITH FIRE RATED GLAZING.
G	EXIST.	PT	4/HS-A-510	5/HS-A-510	6/HS-A-510	WIRE GLASS TO BE REPLACED WITH FIRE RATED GLAZING.

GENERAL NOTES

1. FRAMES AND WINDOWS SCHEDULED FOR EXISTING OPENING - VERIFY IN FIELD EXISTING OPENING SIZES AND RECORD ON SHOP DRAWINGS.
2. FIRE RATED FRAMES REQUIRE LABELS
3. BACKER ROD AND SEALANT SHALL BE PROVIDED AT ALL LOCATIONS WHERE WINDOW FRAMES MEET OTHER FINISHES
4. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SF TO BE FULLY TEMPERED SAFETY GLASS PER CHAPTER 24 OF THE 2025 BCNYS.

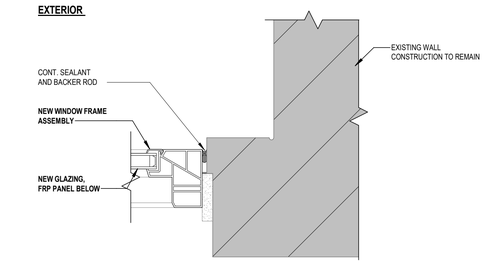
NOTES:

1. ALL REQUIRED PREP AND MODIFICATIONS TO EXISTING WALL ASSEMBLIES TO ACCOMMODATE NEW DOORS AND WINDOWS SHALL BE INCLUDED IN BID PRICE.
2. CONTRACTOR TO VERIFY ALL EXISTING OPENING SIZES, CONDITIONS AND SWINGS PRIOR TO ORDERING ANY MATERIAL, SHOULD ANY CONFLICTS ARISE, ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
4. HM WINDOW FRAMES TO RECEIVE PAINTED FINISH, COLOR TO MATCH EXISTING COLOR.
5. ALL PROPOSED GLAZING TO RECEIVE SAFETY FILM 3M. REFER SPECIFICATIONS.



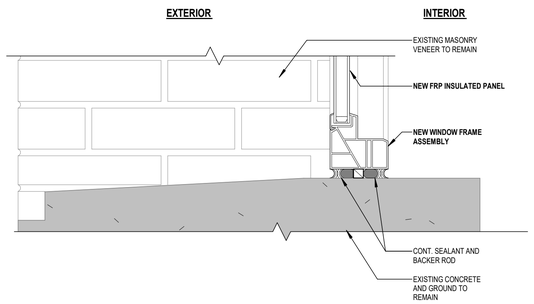
1 WINDOW HEAD CMU - MASONRY VENEER

SCALE: 3" = 1'-0"



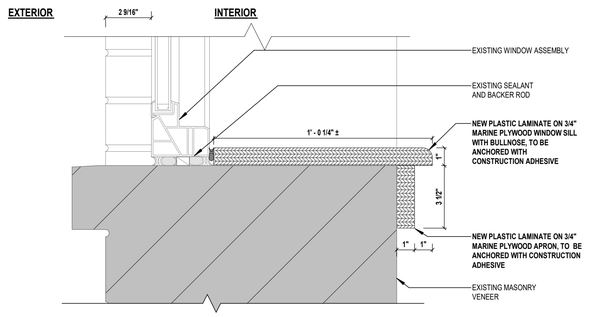
2 WINDOW JAMB CMU - MASONRY VENEER

SCALE: 3" = 1'-0"



3 WINDOW SILL - MASONRY VENEER

SCALE: 3" = 1'-0"



7 WINDOW SILL CMU - MASONRY VENEER

SCALE: 3" = 1'-0"

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

WINDOW SCHEDULE AND DETAILS

DRAWING No.

HS-A 510.00

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DOOR SCHEDULE

DOOR NO.	FROM ROOM NAME	FROM ROOM #	TO ROOM NAME	TO ROOM #	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	GLASS DETAILS HEAD	GLASS DETAILS JAMB	GLASS DETAILS SADDLE	FIRE RATING	HARDWARE SET	COMMENTS
LEVEL 1 D																	
H	STUDENT LOUNGE	129A	CORRIDOR	HW-1P	1 3/4"	B	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	-	1 & 2 / HS-A610	-	-	-	
J	STUDENT LOUNGE	130A	CORRIDOR	HW-1P	1 3/4"	C	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	-	1 / HS-A610	-	-	-	
J	STUDENT LOUNGE	130A	CORRIDOR	HW-1N	1 3/4"	C	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	-	1 / HS-A610	-	-	-	
LEVEL 1 G																	
I	STUDENT LOUNGE	129A			1 3/4"	A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	-	1 / HS-A610	-	-	-	
I	STUDENT LOUNGE	129A	CORRIDOR	HW-1P	1 3/4"	A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	-	1 / HS-A610	-	-	-	
LEVEL 2 A																	
34A	UPPER GYM	34	EXTERIOR	15	1 3/4"	C	INS. HM	PT	EXIST.	EXIST.	PT	-	-	-	45 MIN.	EXIST.	REMOVE, MAINTAIN, AND RESTALL ALL EXISTING HARDWARE
34B	UPPER GYM	34	EXTERIOR	15	1 3/4"	C	INS. HM	PT	EXIST.	EXIST.	PT	-	-	-	45 MIN.	EXIST.	REMOVE, MAINTAIN, AND RESTALL ALL EXISTING HARDWARE
34C	UPPER GYM	34	EXTERIOR	15	1 3/4"	C	INS. HM	PT	EXIST.	EXIST.	PT	-	-	-	45 MIN.	EXIST.	REMOVE, MAINTAIN, AND RESTALL ALL EXISTING HARDWARE

DOOR TYPE NOTES

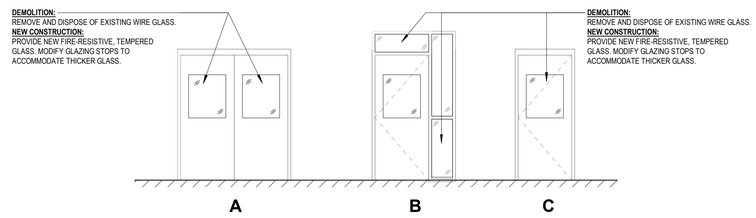
1. FRAMES AND DOORS SCHEDULED FOR EXISTING OPENING - VERIFY IN FIELD EXISTING OPENING SIZES AND RECORD ON SHOP DRAWINGS.
2. ALL DOORS ARE TO BE ADJUSTED TO ELIMINATE RATTLE AND OR PLAY WHEN DOOR IS LATCHED
3. SLOPED ALUMINUM THRESHOLDS AT ALL EXTERIOR DOORS
4. ALL DOORS ARE TO HAVE STOPS
5. UNDERCUT DOORS WHERE MARBLE THRESHOLDS ARE CALLED OUT INSTALL KICKPLATES ON PUSH SIDE OF DOOR (TYP).
6. FIRE RATED DOORS AND FRAMES REQUIRE LABELS
7. BACKER ROD AND SEALANT SHALL BE PROVIDED AT ALL LOCATIONS WHERE DOOR/WINDOW FRAMES MEET OTHER FINISHES
8. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SF TO BE FULLY TEMPERED SAFETY GLASS PER CHAPTER 24 OF THE 2025 BCNYS.

ABBREVIATIONS

CMU	CONCRETE MASONRY UNIT
EXIST	EXISTING
EXT.	EXTERIOR
HM	HOLLOW METAL
INT.	INTERIOR
PT	PAINTING
RE-PT	SCRAPE, SAND, AND RE-PAINT
ST	STAIN
VIF	VERIFY IN FIELD

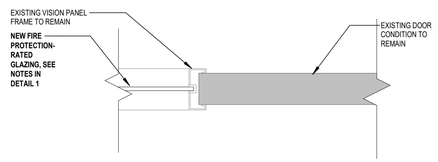
NOTES:

1. REFER TO DOOR SCHEDULE, HARDWARE SETS, AND PROJECT MANUAL FOR HARDWARE INFORMATION.
2. ALL REQUIRED PREP AND MODIFICATIONS TO EXISTING WALL ASSEMBLIES TO ACCOMMODATE NEW DOORS AND WINDOWS SHALL BE INCLUDED IN BID PRICE.
3. CONTRACTOR TO VERIFY ALL EXISTING OPENING SIZES, CONDITIONS AND SWINGS PRIOR TO ORDERING ANY MATERIAL. SHOULD ANY CONFLICTS ARISE, ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
4. DOORS AND DOOR FRAMES TO RECEIVE PAINTED FINISH, COLOR TO BE INDICATED BY THE DISTRICT.
5. ALL PROPOSED GLAZING TO RECEIVE SAFETY FILM 3M. REFER SPECIFICATIONS.



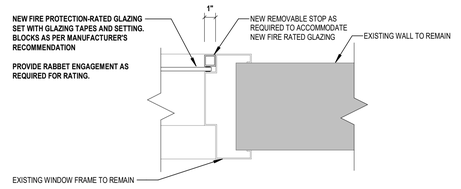
Door Types

SCALE: 1/4" = 1'-0"



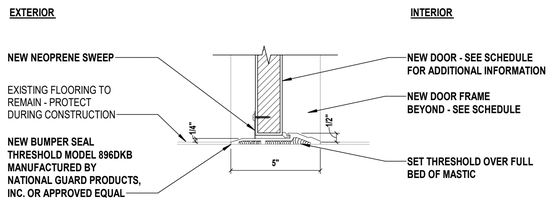
1 INTERIOR DOOR VISION PANEL CONDITION

SCALE: 3" = 1'-0"



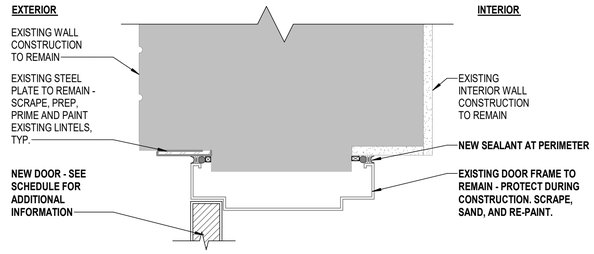
2 INTERIOR WINDOW CONDITION

SCALE: 3" = 1'-0"



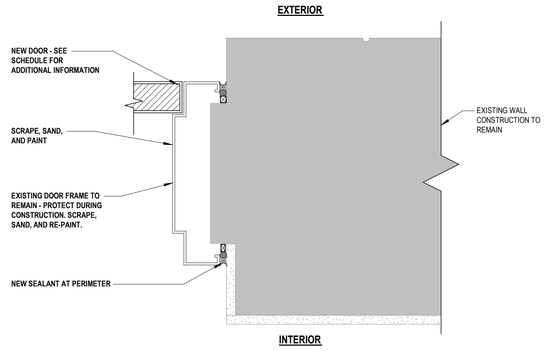
3 Door Saddle - Exterior Doors

SCALE: 3" = 1'-0"



4 Door Head - Exterior Doors

SCALE: 3" = 1'-0"



5 Door Jamb - Exterior Doors

SCALE: 3" = 1'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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L. RAUSCHER	L. RAUSCHER	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
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CLIENT

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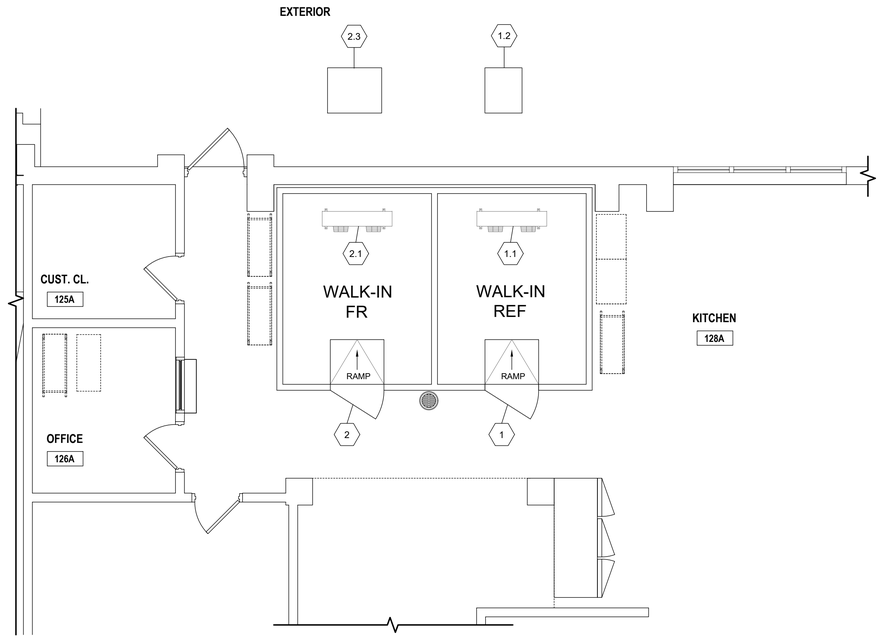


1 LEVEL 1 FOOD SERVICE LAYOUT PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

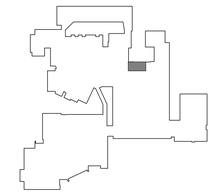
EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	INDIR DRAIN SIZE (IN)	SUCTION LINE SIZE (IN)	LIQUID LINE SIZE (IN)	HP	AMPS	DIRECT PLUG	NEMA PLUG	VOLTS	PHASE	EQUIPMENT REMARKS
1	1	WALK-IN REFRIGERATOR (+35°F)					10.0	X		120	1	
1.1	1	EVAPORATOR COIL	3/4	7/8	3/8		2.0	X		120	1	
1.2	1	CONDENSING UNIT		5/8	3/8	0.8	5.2	X		208	3	
2	1	WALK-IN FREEZER (-10°F)					10.0	X		120	1	
2.1	1	EVAPORATOR COIL	3/4	7/8	3/8		8.2	X		208	1	
2.2	1	DRAIN LINE HEAT TRACE (NOT SHOWN)										BY E.C.; POWERED BY ITEM# 2.1
2.3	1	CONDENSING UNIT		7/8	3/8	2.5	9.6	X		208	3	

REFRIGERATION SCHEDULE

ITEM NO	QTY		MAKE/MODEL	HP	REFRIGERANT TYPE	POUNDS OF REFRIGERANT	BTU
1.2	1	CONDENSING UNIT	BALLY MODEL NO. BEZ009H9-HT3E-B	0.8	R454A	5.0	8732
2.3	1	CONDENSING UNIT	BALLY MODEL NO. BEZA025L9-HT3E-B	2.5	R454A	14.0	8853

ITEM NO		SIZE (L X W X H)
1	WALK-IN REFRIGERATOR (+35°F)	8'-9" X 11'-1" X 9'-6"
2	WALK-IN FREEZER (-10°F)	8'-9" X 11'-1" X 9'-6"



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J. LABARBERA	J. LABARBERA	J. LABARBERA	M. ROMANO

PROJECT No:	DATE:	SCALE:
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CLIENT

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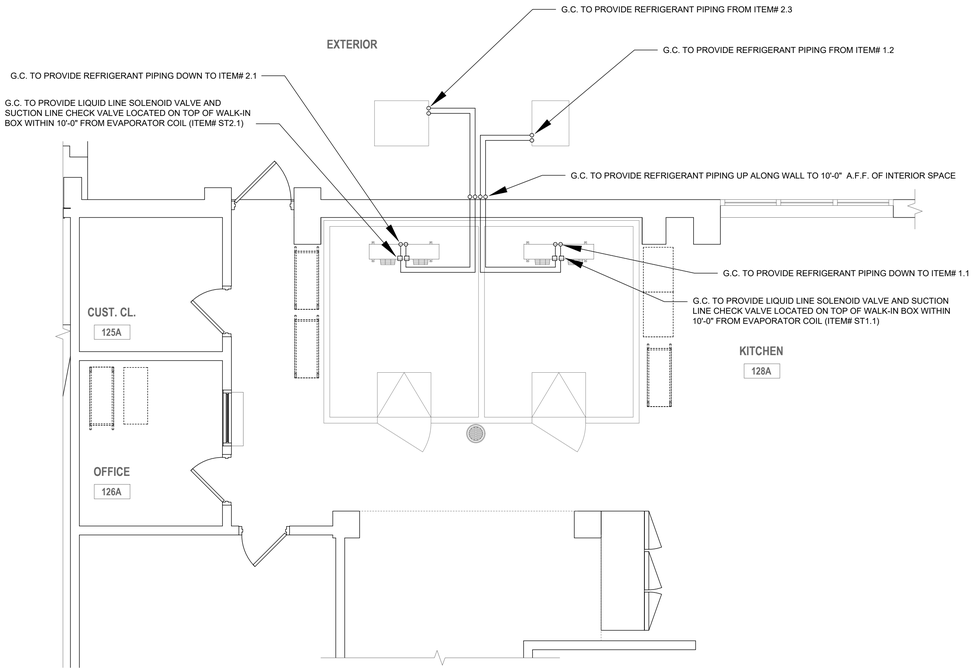
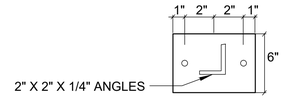


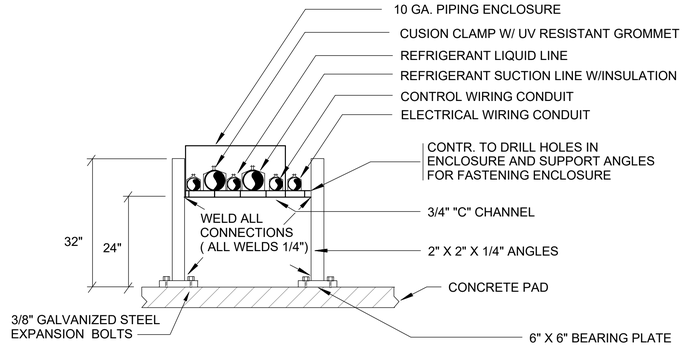
1 LEVEL 1 FOOD SERVICE REFRIGERANT PIPING PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH



BEARING PLATE DETAIL



2 HS-FS 401 DETAIL - EXTERIOR MOUNTED REFRIGERANT PIPING

Scale: None

REFRIGERATION LINE NOTES

1. GENERAL CONTRACTOR CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY REFRIGERATION LINES FROM THE CONDENSING UNITS TO THE EVAPORATOR COILS IN THE WALK-IN BOXES.

2. GENERAL CONTRACTOR TO PROVIDE CORE DRILLED PENETRATIONS IN WALL SUFFICIENT TO ACCESS REFRIGERATION TUBING AND POTENTIAL DRAIN LINES FOR EACH REFRIGERATION ITEM. PROVIDE FIRE STOP SEALANT AS REQ'D BY CODE.

3. SUBMIT REFRIGERATION PIPING SCHEMATIC TO REFRIGERATION MFR FOR REVIEW PRIOR TO ANY WORK COMMENCING ON SITE.

4. ALL SUCTION LINES TO BE FULLY INSULATED.

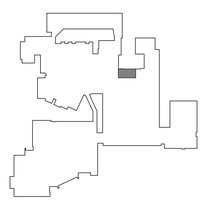
5. GENERAL CONTRACTOR TO PROVIDE S/S WEATHER PROOF ENCLOSURE WITH ACCESS FOR ANY REFRIGERATION LINES EXPOSED OUTDOORS. SEE DETAIL 2/HS-FS401.

6. GENERAL CONTRACTOR TO INSURE ALL REFRIGERANT LINE RUNS DO NOT INTERFERE WITH ANY PIPING, CONDUIT, DUCTWORK, STRUCTURAL BRACING, ETC.

7. THE REFRIGERATION SYSTEMS SHALL BE TESTED AND PROVED TIGHT AFTER INSTALLATION AND BEFORE OPERATION. TESTING SHALL BE PERFORMED AS PER IMC 1108.1 THROUGH 1108.4.

8. MATERIALS FOR REFRIGERANT PIPING, TUBING, JOINTS SHALL COMPLY WITH IMC 1107.5.1 THOUGH 1107.5.7.

9. EACH EVAPORATOR COIL TO BE PROVIDED WITH A FACTORY-MOUNTED AND FACTORY-WIRED REFRIGERANT LEAK DETECTOR/SENSOR. REFRIGERANT LEAK DETETCTORS/SENSORS TO BE INTER-WIRED WITH FIELD MOUNTED REFRIGERANT LIQUID LINE SOLENOID VALVES.



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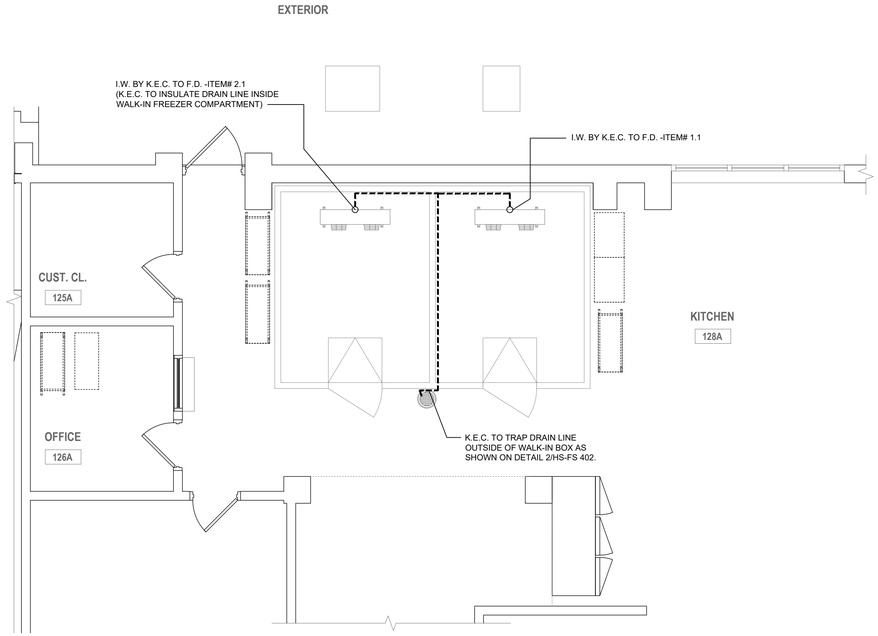
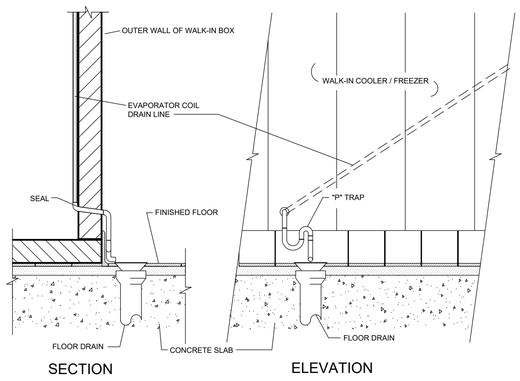


1 LEVEL 1 FOOD SERVICE CONDENSATE REMOVAL PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

EVAPORATOR COIL DRAIN LINE & "P" TRAP AS DETAILED SHALL BE FURNISHED & INSTALLED BY THE KITCHEN EQUIPMENT CONTRACTOR.
"P" TRAP TO BE CHROME PLATED & SECURED W/ STAND-OFFS



2 DETAIL OF EVAPORATOR COIL DRAIN "P" TRAP

HS-FS 402

Scale: 1"=1'-0"

CONDENSATE REMOVAL SYMBOLS:

- FLUSH FLOOR DRAIN WITH GRATE (F.D.)
- INDIRECT WASTE(I.W.)

GENERAL ABBREVIATIONS:

A.F.F.	ABOVE FINISHED FLOOR
P.C.	PLUMBING CONTRACTOR
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR

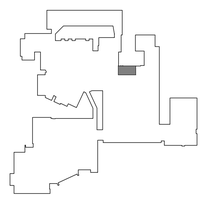
CONDENSATE REMOVAL NOTES

THIS PLAN SHOWS DRAINAGE REQUIREMENTS FOR FOOD SERVICE EQUIPMENT ONLY.

KITCHEN EQUIPMENT CONTRACTOR TO DO ALL ROUGHING-IN AND MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR TO FURNISH ALL TRIM, ACCESSORIES, P-TRAPS, DRAIN LINES, ETC.

ALL PREVAILING LOCAL PLUMBING AND MECHANICAL CODES TO BE ACCOMMODATED.

KITCHEN EQUIPMENT CONTRACTOR TO EXTEND ALL CONDENSATE DRAIN LINES FROM FOOD SERVICE EQUIPMENT TO THE NEAREST FLOOR DRAIN.



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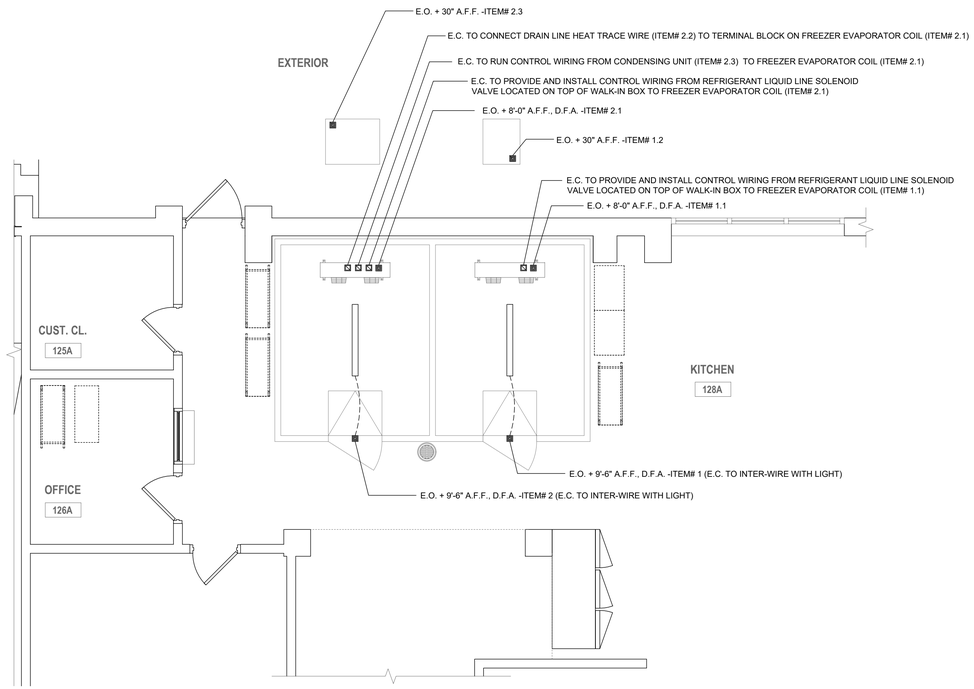


1 LEVEL 1 FOOD SERVICE ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

ELECTRICAL SYMBOLS:

- ■ EQUIPMENT CONNECTION/WIRE WHIP(EO)
- ⧈ INTER-WIRE CONNECTION

GENERAL ABBREVIATIONS:

A.F.F. ABOVE FINISHED FLOOR
D.F.A. DOWN FROM ABOVE
E.C. ELECTRICAL CONTRACTOR

ELECTRICAL NOTES

THIS PLAN SHOWS ELECTRICAL REQUIREMENTS FOR FOOD SERVICE EQUIPMENT ONLY.

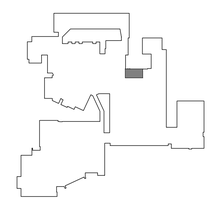
ELECTRICIAN TO DO ALL ROUGHING AND MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. ELECTRICIAN TO FURNISH ALL TRIM, ACCESSORIES, DISCONNECTS, CONTACTORS, SWITCHES, RELAYS, ETC., AS REQUIRED BY CODE AND AS REQUIRED BY THE MFR'S INSTALLATION INSTRUCTIONS.

ELECTRICIAN TO ACCOMMODATE ALL PREVAILING LOCAL ELECTRICAL CODES.

ALL WIRING AND CONDUIT TO BE CONCEALED.

ELECTRICIAN TO INSTALL AND INTERWIRE COLD STORAGE VAPOR-PROOF LIGHTS AND TEMPERATURE ALARMS.

ELECTRICIAN TO SEAL ALL PENETRATIONS INTO WALK-IN COOLER AND FREEZER ETC.



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STATUS
ISSUED FOR BID

SHEET TITLE
LEVEL 1 FOOD SERVICE ELECTRICAL PLAN

DRAWING No.
HS-FS 403.00

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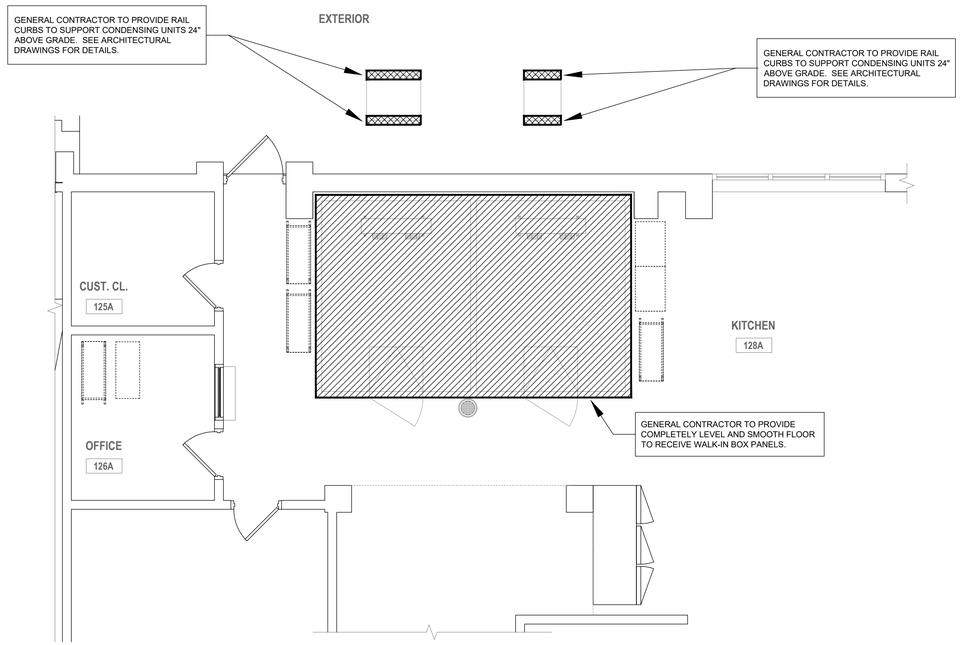


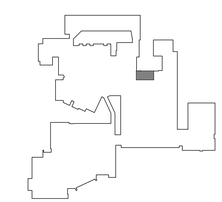
1 LEVEL 1 FOOD SERVICE SPECIAL CONDITIONS PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

SPECIAL CONDITIONS SYMBOLS:

- RAISED CURB
- LEVEL FLOOR



FIRST FLOOR KEY PLAN

NOT TO SCALE

PROJECT NORTH

H2M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2026
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
J. LABARBERA	J. LABARBERA	J. LABARBERA	M. ROMANO

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 30, 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

STATUS

ISSUED FOR BID

SHEET TITLE

LEVEL 1 FOOD SERVICE SPECIAL CONDITIONS PLAN

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HS-FS 404.00

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LEGEND

SYMBOL	DESCRIPTION
	PIPING UP
	PIPING DOWN
	PIPING RISE OR DROP
	BRANCH-TOP CONNECTION
	BRANCH-BOTTOM CONNECTION
	REDUCER
CO CO	CLEANOUT
	FLOOR CLEANOUT
	CAPPED PIPE
M	METER
	FLOOR DRAIN
	AQUASTAT
	PUMP
	STRAINER
	UNION
	THERMOSTATIC MIXING VALVE
	BALANCING VALVE (BLV)
	GLOBE VALVE (GLV)
	CHECK VALVE (CV)
	GAS COCK, GAS STOP
	BALL VALVE (BV)
	BUTTERFLY VALVE (BFV)
S	SOLENOID VALVE
	PRESSURE-REDUCING VALVE (PRV)
	GATE VALVE (GV)
	PRESSURE-RELIEF VALVE (RV)
	BACKFLOW PREVENTER
	FROST FREE HOSE BIBB
	HOSE BIBB
	RECESSED-BOX HOSE BIBB OR WALL HYDRANT
	EXPANSION JOINT
	WATER HAMMER ARRESTER
	VALVE IN RISER
CO	WALL CLEANOUT (WCO)
	PITCH DOWN OR UP IN DIRECTION OF ARROW
	FLOW IN DIRECTION OF ARROW
	COLD WATER (CW)
	TEMPERED WATER (TW)
	HOT WATER (HW)
	TEMPERED WATER RETURN (TWR)
	HOT WATER RETURN (HWR)
	WASTE PIPING (W,S,OW)
	BELOW SLAB WASTE PIPING
	VENT PIPING (V)
	GAS PIPING (G)
	TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CLG	CEILING
CO	CLEAN OUT
CODP	CLEAN OUT DECK PLATE
COWP	CLEAN OUT WALL PLATE
CW	COLD WATER
(D)	DEMOLISH
DCV	DOUBLE CHECK VALVE DEVICE
DEG. F	° FAHRENHEIT
DIA	DIAMETER
DN	DOWN
(E)	EXISTING
EA	EACH
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
G	GAS
'GC'	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
'H'	HVAC CONTRACTOR
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
IN.	INCHES
IN. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
LBS	POUNDS
M	METER
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OD	OUTER DIAMETER
(P)	PROPOSED
'P'	PLUMBING CONTRACTOR
PD	PRESSURE DROP
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAN / S	SANITARY
ST	STORM DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
TW	TEMPERED WATER (110°F)
TWR	TEMPERED WATER RETURN
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE

GENERAL PLUMBING NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PLUMBING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO THE SUBMISSION OF BIDS.
3. PERFORM ALL WORK IN ACCORDANCE WITH THE 2025 PLUMBING CODE OF NEW YORK STATE (PCNYS), MECHANICAL (MCNYS), ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS) CODE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
4. APPLY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS AND PAY ALL COSTS FOR THE SAME.
5. DO NOT SCALE DRAWINGS. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE.
6. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURERS REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTORS INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTORS FABRICATED ITEMS TO ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
7. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
8. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
9. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
10. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
11. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
12. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
13. COMPLETE ALL PRESSURE TESTS BEFORE ANY PLUMBING EQUIPMENT, OR PIPING INSULATION IS APPLIED.
14. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
15. PROVIDE CONCRETE PADS A MINIMUM OF 4 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
16. INSTALL PIPING, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
17. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL ACCESSIBLE FIXTURES. MOUNT ALL SUCH FIXTURES IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
18. PROVIDE ACCESS DOORS IN WALLS, PARTITIONS, AND CEILINGS AS REQUIRED TO MAKE VALVES, WATER HAMMER ARRESTERS, ETC. READILY ACCESSIBLE.
19. ARRANGE FOR, COORDINATE, AND MAKE CONNECTION TO ALL SERVICES PROVIDED BY OTHERS. CONFORM TO ALL REQUIREMENTS APPLICABLE TO CONNECTIONS IMPOSED BY UTILITY COMPANIES AND AUTHORITIES HAVING JURISDICTION.
20. INSTALL FIXTURES AND EQUIPMENT WITH VALVES, UNIONS, ETC. TO ALLOW FOR EASE OF SERVICE AND/OR REMOVAL.
21. PROVIDE A CLEANOUT AT THE BASE OF WASTE AND VENT STACKS WITH FINISHED WALL PLATE IN FINISHED WALLS.
22. FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE AND PRESSURE RELIEF VALVE IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE ON ALL INCOMING DOMESTIC WATER SYSTEMS IN EXCESS OF 80 P.S.I.G.
23. SLOPE ALL VENT PIPING TO DRAIN BACK TO THE DRAINAGE SYSTEM.
24. FLUSH AND DISINFECT ALL DOMESTIC POTABLE WATER PIPING AND TEST THE WATER IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE. PROVIDE CERTIFICATE OF PERFORMANCE AND LABORATORY TEST REPORT TO LOCAL AUTHORITIES HAVING JURISDICTION AND OBTAIN THEIR APPROVAL.
25. PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING FIXTURE VALVE LOCATIONS.
26. ALL PIPING, VALVES AND FITTINGS USED FOR POTABLE WATER SHALL BE NSF 61/372 COMPLIANT AND BE TESTED FOR LOW LEAD.
27. ANY PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED AS PER 2025 BCNYS AND COMMERCIAL PROVISIONS .
28. ALL PIPING IN PLENUM SPACES SHALL BE CAST IRON FOR SANITARY, STORM, VENT SYSTEMS, AND COPPER PIPING FOR DOMESTIC SYSTEMS, AND STEEL PIPING FOR GAS SYSTEMS. NO PLASTIC PIPING ALLOWED.
29. HOT WATER TEMPERATURE FOR ALL PUBLIC HAND WASHING FIXTURES SHALL BE TEMPERED TO A MAXIMUM TEMPERATURE OF 110 DEGREES F.
30. ALL FIXTURES SHALL MEET THE WATER CONSERVATION REQUIREMENTS LISTED IN THE TABLE 604.4 OF THE 2025 PLUMBING CODE OF NEW YORK STATE.
31. ALL FIXTURES THAT HAS THE ABILITY TO HAVE A HOSE CONNECTED TO IT, OR DIRECT CONNECTED FIXTURES, SHALL HAVE A BACKFLOW PREVENTION DEVICE ON THE FAUCET, VACUUM BREAKER (ASSE 1052 AND ASME A112.21.3).
32. ALL SANITARY FITTINGS SHALL BE 'WYE' TYPE AND SHALL FOLLOW THE DIRECTION OF FLOW.
33. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN DESIGN PLANS, RISER DIAGRAMS, AND/OR SPECIFICATIONS CONCERNING PIPE SIZES, FIXTURES, AND/OR EQUIPMENT, THE MOST STRINGENT REQUIREMENTS SHALL BE APPLIED TO THE PROJECT.
34. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, CONDUIT, ETC.
35. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
36. CORE DRILL ALL PENETRATIONS THROUGH CONCRETE FLOORS, WALLS, AND FOOTINGS.
37. INSTALL LINK SEAL TYPE PROTECTION FOR WATER RESISTANT SEALS AT ALL SLAB AND BELOW GROUND WALL FOOTING PENETRATIONS.
38. COVER ALL COPPER PIPING BELOW SLAB WITH "ARMAFLEX" TYPE INSULATION.

APPLICABLE CODES

- 2025 BUILDING CODE NEW YORK STATE (BCNYS) 1ST PRINTING
- 2025 PLUMBING CODE NEW YORK STATE (PCNYS) 1ST PRINTING
- 2025 FUEL GAS CODE NEW YORK STATE (FGCNYS) 1ST PRINTING
- 2025 MECHANICAL CODE NEW YORK STATE (MCNYS) 1ST PRINTING
- 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS) 1ST PRINTING
- 2026 MANUAL OF PLANNING STANDARDS (SED)

ENERGY NOTES

2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE NOTES: STATEMENT OF COMPLIANCE:

TO THE BEST OF MY KNOWLEDGE, AND PERSONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NEW YORK STATE ENERGY CONSERVATION CODE (ECCCNYS).

1. SERVICE WATER HEATING EQUIPMENT PERFORMANCE EFFICIENCY:
   - 1.1. WATER HEATING EQUIPMENT AND HOT WATER STORAGE TANKS SHALL MEET THE REQUIREMENTS OF TABLE C404.2 IN THE 2025 ECCCNYS. (ECCCNYS C404.2)
   - 1.2. SERVICE WATER HEATING SHALL BE COMMISSIONED AND COMPLETED IN ACCORDANCE WITH SECTION C408.2 OF THE 2025 ECCCNYS.
2. TEMPERATURE CONTROL:
   - 2.1. SERVICE WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH CONTROLS ALLOWING A SETPOINT OF 110°F AND 90 °F FOR OTHER OCCUPANCIES. PUBLIC REST ROOM LAVATORIES SHALL HAVE A MAXIMUM OUTLET TEMPERATURE OF 110°F.
   - 2.2. WHERE WATER HEATING EQUIPMENT SERVING NONCIRCULATING SYSTEMS IS NOT SUPPLIED WITH INTEGRAL HEAT TRAPS, HEAT TRAPS SHALL BE PROVIDED ON THE SUPPLY AND DISCHARGE PIPING. (ECCCNYS C404.3)
3. PIPE INSULATION:
   - 3.1. AUTOMATIC CIRCULATING HOT WATER SYSTEM PIPING SHALL BE INSULATED WITH 1 INCH OF INSULATION WITH A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH, OR THE INSULATION REQUIREMENTS, WHICHEVER IS GREATER. THE FIRST 8 FT OF PIPING IN NONCIRCULATING SYSTEMS WITH EQUIPMENT WITHOUT INTEGRAL HEAT TRAPS SHALL BE INSULATED WITH 0.5 INCH OF MATERIAL HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH, OR THE INSULATION REQUIREMENTS, WHICHEVER IS GREATER. (ECCCNYS C404.5)
   - 3.2. ALL PIPING TO BE INSULATED WITH 0.21-0.28 CONDUCTIVITY
   - 3.3. COLD WATER PIPING - ALL SIZES - 1-INCH INSULATION, A.S. JACKET.
   - 3.4. STORM DRAINAGE PIPING ALL HORIZONTAL RUNS AND DRAIN BODY - MINIMUM 1-INCH INSULATION, A.S. JACKET.
   - 3.5. HOT WATER PIPING (140°F) AND TEMPERED WATER PIPING (110°F)
     - 3.5.1. PIPE SIZE: < 1" INSULATION: 1"
     - 3.5.2. PIPE SIZE: 1" TO < 1-1/2" INSULATION: 1"
     - 3.5.3. PIPE SIZE: 1-1/2 TO < 4" INSULATION: 1.5"
     - 3.5.4. PIPE SIZE: 4" TO < 8" INSULATION: 1.5"
4. HOT WATER SYSTEM CONTROLS:
   - 4.1. CIRCULATING HOT WATER SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE TURNED OFF EITHER AUTOMATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER DEMAND. READY ACCESS SHALL BE PROVIDED TO THE OPERATING CONTROLS. (ECCCNYS C404.6)
5. PIPE VOLUME AND MAXIMUM LENGTHS:
   - 5.1. PER SECTION OF C404.5.1 OF THE 2025 ECCCNYS, ALL MAXIMUM PIPE LENGTHS FROM FIXTURES SHALL COMPLY WITH THE MAXIMUM PIPE LENGTHS ON THE CHART BELOW. CONTRACTOR TO ENSURE HOT WATER RETURN PIPING IS INSTALLED AS PER PLANS AND THAT THESE LENGTHS ARE MAINTAINED.

NOMINAL PIPE SIZE (INCHES)	VOLUME (LIQUID OUNCES PER FOOT LENGTH)	MAXIMUM PIPING LENGTH (FEET)	
		PUBLIC LAVATORY FAUCETS	OTHER FIXTURES AND APPLIANCES
1/4"	0.33	6	50
5/16"	0.5	4	50
3/8"	0.75	3	50
1/2"	1.5	2	43
5/8"	2	1	32
3/4"	3	0.5	21
7/8"	4	0.5	16
1"	5	0.5	13
1-1/4"	8	0.5	8
1-1/2"	11	0.5	6
2" OR LARGER	18	0.5	4

FUEL GAS NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH NFPA 54 - NATIONAL FUEL GAS CODE, THE 2025 FUEL GAS CODE OF NEW YORK STATE (FGCNYS), NYSEG (NEW YORK STATE ELECTRIC AND GAS) REQUIREMENTS, AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
2. THE DEPTH OF COVER FOR ALL GAS SERVICE PIPING SHALL BE 24 INCHES.
3. THE WATER SERVICE SHALL BE KEPT A MINIMUM OF 10-FEET FROM THE INCOMING GAS SERVICE MEASURED IN ANY DIRECTION.
4. IF ELECTRIC AND GAS SHARE A COMMON TRENCH, THE TRENCH MUST BE WIDE ENOUGH TO MAINTAIN A 6-INCH MINIMUM SEPARATION DISTANCE.
5. LOCATION OF PROPOSED GAS METER ON CONTRACT DOCUMENTS ARE SUBJECT TO CHANGE BY THE LOCAL UTILITY COMPANY.
6. REFER TO THE LOCAL UTILITY COMPANY HANDBOOKS FOR METER RIG CONSTRUCTION DETAILS, RULES AND REGULATIONS. THIS INCLUDES, BUT NOT LIMITED TO LOCATION OF STEP DOWN REGULATORS, METER SIZE AND SET LENGTHS, VENTING OF REGULATORS, BYPASS PIPING, BOLLARD REQUIREMENTS, CONCRETE PAD, SUPPORTS, AND SHUT OFF VALVES.
7. GAS PIPING:
   - 7.1. INDOOR - STEEL PIPE- SCHEDULE 40 WITH WELDED OR THREADED JOINTS. THREADED JOINTS SHALL BE 150 POUND MALLEABLE IRON, FORGED STEEL, BLACK IRON, OR GALVANIZED STEEL.
   - 7.2. OUTDOOR - ABOVE GROUND - GALVANIZED PIPE OR PROPERLY COATED BLACK STEEL PIPE WITH SCREWED OR THREADED JOINTS.
   - 7.3. BELOW GRADE - STEEL PIPE- MILL WRAPPED SCHEDULE 40 WITH WELDED OR THREADED JOINTS.
   - 7.4. WELDED JOINTS MUST BE USED FOR GAS PIPING LARGER THAN 4-INCH, OR 3-INCH FOR SCHOOLS.
8. GAS PIPING ENTERING A BUILDING SHALL BE ABOVE GRADE. PENETRATIONS THROUGH BURIED WALLS ARE NOT PERMITTED.
9. WHERE GAS PIPING IS INSTALLED BELOW GRADE INSIDE A BUILDING, THE GAS PIPING MUST BE INSTALLED IN A CONDUIT AND BE VENTED TO THE EXTERIOR.
10. GAS PRESSURE TEST:
    - 10.1. GALVANIZED OR BARE STEEL - UP TO 14" W.C. - AIR AT 3 PSIG FOR 30 MINUTES - AIR AT 15 PSIG FOR 1-HOUR (SED)
    - 10.2. GALVANIZED OR BARE STEEL - GREATER THAN 14" W.C. - AIR AT 50 PSIG FOR 30 MINUTES - AIR AT 1.5 TIMES THE WORKING PRESSURE FOR 1-HOUR (SED)
    - 10.3. COATED OR WRAPPED - LESS THAN 2-INCH - AIR AT 90 PSIG FOR 1-HOUR - ALL SIZES - AIR AT 100 PSIG FOR 1-HOUR (SED)
    - 10.4. COATED OR WRAPPED - 2-INCH TO 12-INCH - AIR AT 90 PSIG FOR 4-HOURS
11. SUPPLY ALL GAS-FIRED EQUIPMENT WITH GAS PIPING AS PER THE NEW YORK STATE FUEL GAS CODE. PROVIDE EACHPIECE OF EQUIPMENT WITH A DIRT LEG, UNION AND GAS COCK. PROVIDE A VENTED REGULATOR IF EQUIPMENT REQUIRES LOWER THAN LINE PRESSURE.
12. PROVIDE VEHICLE IMPACT PROTECTION FOR NEW METER HEADER. BOLLARDS SHALL BE SPACED NO MORE THAN 4-FEET BETWEEN POSTS ON CENTER AND LOCATED NOT LESS THAN 3-FEET FROM THE PROTECTED OBJECT.
13. SHUTOFF VALVES INSTALLED IN TUBING SYSTEMS MUST BE RIGIDLY AND SECURELY SUPPORTED INDEPENDENTLY OF THE TUBING.
14. ALL COOKING APPLIANCE CONNECTIONS MUST BE LISTED AND LABELED.

MANUAL GAS VALVE STANDARDS

VALVE STANDARDS	APPLIANCE SHUTOFF VALVE APPLICATION UP TO 1/2 PSIG PRESSURE	OTHER VALVE APPLICATIONS		
		UP TO 1/2 PSIG PRESSURE	UP TO 2 PSIG PRESSURE	UP TO 5 PSIG PRESSURE
ANSI Z21.15/CGA9.1	X	–	–	–
ASME B16.44	X	X*	X**	–
ASME B16.33	X	X	X	X

NOTES:
1. FOR SI: I POUND PER SQUARE INCH GAUGE = 6.895kPa.
2. X* IF LABELED 2G
3. X** IF LABELED 5G

DEMOLITION NOTES

GENERAL

1. PRIOR TO PROPOSAL SUBMISSION, THIS CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK AND ADJACENT AREAS TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK OF THIS CONTRACT.
2. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.

SCOPE OF WORK

1. DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE PENDING THE COMPLETION OF THE PERMANENT WORK. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AND BUILDING MANAGEMENT.
2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS SURFACE DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
4. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.
5. REMOVE ALL FIXTURES AS NOTED ON THE ARCHITECTURAL PLANS. PROVIDE TEMPORARY CAPS FOR HOT, COLD AND SANITARY CONNECTIONS DURING NEW CONSTRUCTION.
6. REMOVE BASE BUILDING PIPING AS INDICATED BELOW:
   - 6.1. REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS, OR AS NOTED ON DRAWINGS.
   - 6.2. CONTRACTOR TO CONTACT BUILDING MANAGEMENT AND TENANT REGARDING REMOVAL SCOPE OF WORK TO MAINTAIN CONTINUITY OF ALL SERVICES TO ALL TENANTS WHO ARE TO REMAIN OPERATIONAL AND NOT BE AFFECTED BY DEMOLITION WORK.
   - 6.3. ALL EXISTING BUILDING VALVES FOR DOMESTIC WATER MAINS AT SHAFTS ARE TO REMAIN.
7. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.
8. COORDINATE WITH OWNER TO DETERMINE WHETHER REMOVED EQUIPMENT IS TO BE TURNED OVER TO THE OWNER.

LEAD FREE NOTE

1. ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ANSI / NSF 372 FOR LOW LEAD PERCENTAGE.
2. CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
3. AT THE CONCLUSION OF NEW PLUMBING WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE SERVICES PF A THIRD PARTY NYS LICENSED ENVIRONMENTAL TESTING LABORATORY TO PROVIDE LEAD TESTING AT ALL NEW LAVATORIES, SINKS, DRINKING FOUNTAINS AND ALL OTHER FIXTURES WHERE WATER MAY BE CONSUMED FOR DRINKING. TWO COPIES OF THE REPORT MUST BE SUBMITTED, ONE COPY TO THE ENGINEER AND THE OTHER ONE TO THE OWNER.

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NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK — JONATHAN RICHARD MURATORE — 096440-1 — LICENSED PROFESSIONAL ENGINEER

10/31/2027
JONATHAN R. MURATORE, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 096440
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
P. ANGELONE	P. ANGELONE	J. MURATORE	J. MURATORE

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT P
PLUMBING CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

PLUMBING
GENERAL NOTES, LEGEND, AND ABBREVIATIONS

DRAWING No.

HS-P 001.00

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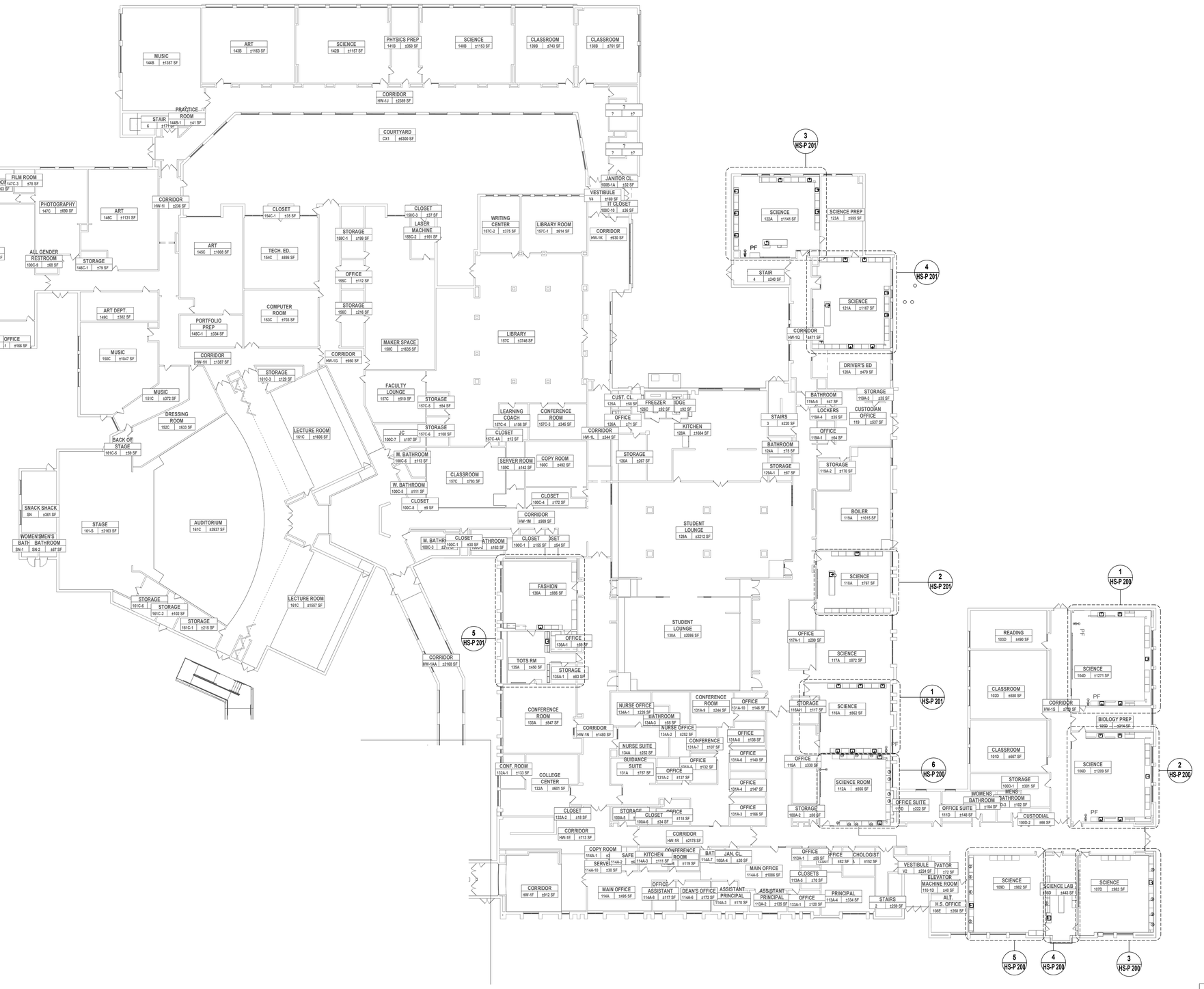
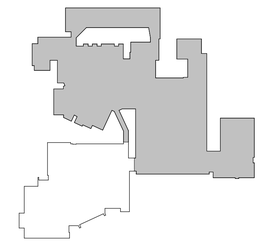


1 PLUMBING FIRST FLOOR NEW CONSTRUCTION - AREA B

SCALE: 1" = 20'-0"



2 AREA B 1ST FL - KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JONATHAN RICHARD MURATORE · LICENSED PROFESSIONAL ENGINEER · 096440-1

10/31/2027
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PLUMBING CONSTRUCTION

STATUS

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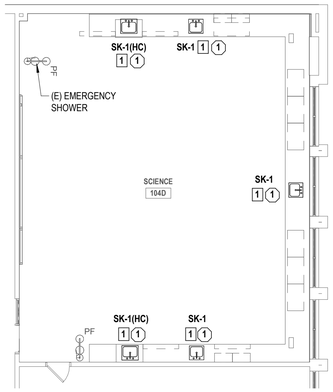
SHEET TITLE

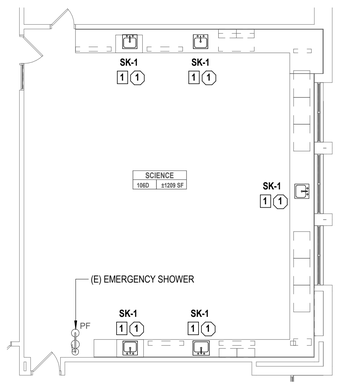
PLUMBING
FIRST FLOOR CONSTRUCTION
PLAN - AREA B

DRAWING No.

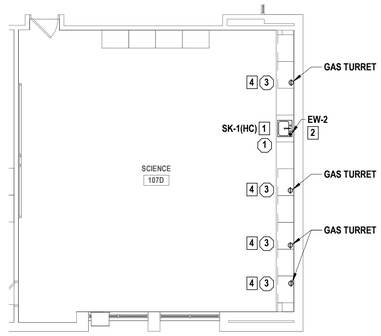
HS-P 101.00



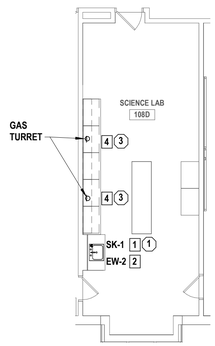
1 PLUMBING SCIENCE ROOM 104D ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



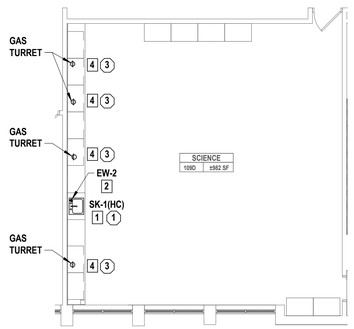
2 PLUMBING SCIENCE ROOM 106D ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



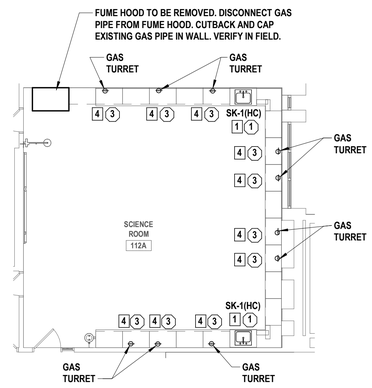
3 PLUMBING SCIENCE ROOM 107D ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



4 PLUMBING SCIENCE ROOM 108D ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



5 PLUMBING SCIENCE ROOM 109D ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



6 PLUMBING SCIENCE ROOM 112A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

GENERAL

1. PRIOR TO PROPOSAL SUBMISSION, THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK INCLUDING THE PIPING ACCESS.
2. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
4. DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE IF REQUIRED. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AD BUILDING OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS. COORDINATE WITH OWNER FOR ANY EQUIPMENT OR FIXTURES TO BE KEPT ON SITE.
6. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL EXISTING CONDITION SURFACES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
7. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.

PIPING SCOPE OF WORK

1. REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS, OR AS NOTED ON DRAWINGS.
2. IF THE BUILDING IS TO REMAIN OPERATIONAL, CONTRACTOR SHALL COORDINATE WITH THE BUILDING OWNER ON TIMING OF WORK AND TO PROVIDE A MINIMUM OF 48-HOURS IN ADVANCE.
3. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.

PLUMBING FIXTURE SCOPE OF WORK

1. ALL FIXTURES INDICATED ON THE PLANS DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE COMPLETELY REMOVED AND DISPOSED OF. SCOPE TO INCLUDE ALL PLUMBING TO FIXTURES INCLUDING SINKS, FAUCETS, FLOOR DRAINS, STOP VALVES AND ALL DEVICES USED TO SECURE THESE FIXTURES IN PLACE.
2. PRIOR TO THE REMOVAL OF FIXTURES, THE CONTRACTOR SHALL MAKE ALL NECESSARY DISCONNECTS AND WORK REQUIRES TO ACCESS THE PIPING WITHIN CHASES AND WALLS. THE CONTRACTORS SHALL SHUT WATER OFF TO THE FIXTURES AND REPLACE ANY DAMAGED VALVES WITHIN THE SCOPE OF WORK AREA.
3. FLUSH AND SNAKE ALL SANITARY/WASTE LINES BACK TO THEIR ASSOCIATED RISERS PRIOR TO THE START OF WORK.

(X) KEYED PLUMBING CONSTRUCTION NOTES

1. INSTALL NEW LAB SINK AND FAUCET. INSTALL NEW COLD WATER STOP VALVE. CONNECT NEW 1/2" COLD WATER PIPING FROM EXISTING CAPPED COLD WATER PIPING. CONNECT NEW 2" ACID WASTE PIPING TO EXISTING CAPPED ACID WASTE PIPING. MODIFY PIPING AS NEEDED..

2. INSTALL NEW DECK MOUNTED EYE WASH. CONNECT NEW 1/2" COLD WATER AND 1/2" HW TO THE EXISTING CAPPED COLD AND HOT WATER PIPING. CONNECT NEW COLD AND HOT WATER PIPING TO THERMOSTATIC MIXING VALVE BEFORE CONNECTION TO EYE WASH. CONNECT NEW 2" ACID WASTE PIPE TO THE EXISTING CAPPED 2" ACID WASTE PIPE AND 1-1/2" ACID WASTE VENT. MODIFY PIPING AS NEEDED..

3. INSTALL NEW SINK AND FAUCET. CONNECT NEW 1/2" COLD AND HOT WATER TO EXISTING CAPPED COLD AND HOT WATER PIPE IN WALL AND INSTALL NEW COLD AND HOT WATER STOP VALVES. CONNECT NEW 1-1/2" SANITARY PIPING TO EXISTING 1-1/2" SANITARY PIPING IN WALL. MODIFY PIPING AS NEEDED.

4. INSTALL NEW DECK MOUNTED GAS TURRET, WATERSAVER L4100-132AWSA. CONNECT NEW 1/2" GAS PIPING TO EXISTING CAPPED GAS PIPE. MODIFY PIPING AS NEEDED.

(X) KEYED PLUMBING DEMOLITION NOTES

1. DISCONNECT AND REMOVE SANITARY, HOT, AND COLD WATER PIPING FROM EXISTING PIPING IN WALL TO SINK. TEMPORARILY CAP PIPE AND PREPARE FOR RECONNECTION. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS.

2. DISCONNECT AND REMOVE ACID WASTE AND DOMESTIC WATER PIPING FROM WALL TO EYEWASH AND CUT AND CAP PIPES IN WALL. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS

3. DEMO AND REMOVE GAS TURRET. DISCONNECT AND CUTBACK GAS PIPING TO WALL, CAP PIPE AND PREPARE FOR RECONNECTION.

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CONSULTANTS:

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SMSD2508	OCTOBER 2026	AS SHOWN

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120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

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PLUMBING CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

PLUMBING ENLARGEMENT PLANS

DRAWING No.

HS-P 200.00

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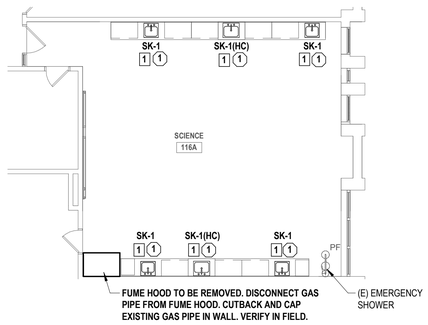
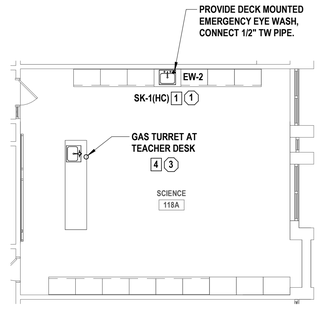
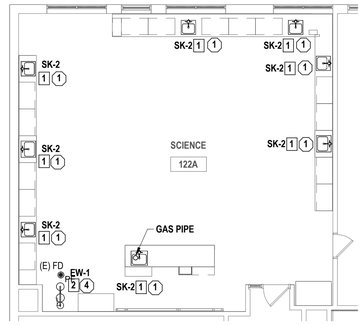


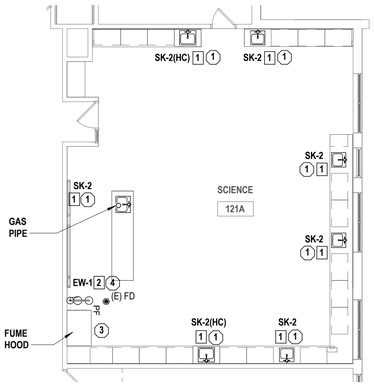
1 PLUMBING SCIENCE ROOM 116A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



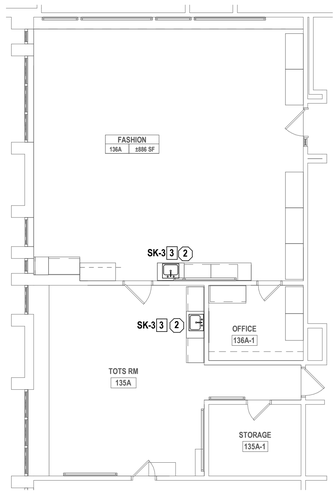
2 PLUMBING SCIENCE ROOM 118A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



3 PLUMBING SCIENCE ROOM 122A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



4 PLUMBING SCIENCE ROOM 121A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"



5 PLUMBING ROOM 135A AND 136A ENLARGEMENT PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

GENERAL

1. PRIOR TO PROPOSAL SUBMISSION, THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK INCLUDING THE PIPING ACCESS.
2. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
4. DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE IF REQUIRED. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AD BUILDING OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS. COORDINATE WITH OWNER FOR ANY EQUIPMENT OR FIXTURES TO BE KEPT ON SITE.
6. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL EXISTING CONDITION SURFACES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
7. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.

PIPING SCOPE OF WORK

1. REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS, OR AS NOTED ON DRAWINGS.
2. IF THE BUILDING IS TO REMAIN OPERATIONAL, CONTRACTOR SHALL COORDINATE WITH THE BUILDING OWNER ON TIMING OF WORK AND TO PROVIDE A MINIMUM OF 48-HOURS IN ADVANCE.
3. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.

PLUMBING FIXTURE SCOPE OF WORK

1. ALL FIXTURES INDICATED ON THE PLANS DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE COMPLETELY REMOVED AND DISPOSED OF. SCOPE TO INCLUDE ALL PLUMBING TO FIXTURES INCLUDING SINKS, FAUCETS, FLOOR DRAINS, STOP VALVES AND ALL DEVICES USED TO SECURE THESE FIXTURES IN PLACE.
2. PRIOR TO THE REMOVAL OF FIXTURES, THE CONTRACTOR SHALL MAKE ALL NECESSARY DISCONNECTS AND WORK REQUIRES TO ACCESS THE PIPING WITHIN CHASES AND WALLS. THE CONTRACTORS SHALL SHUT WATER OFF TO THE FIXTURES AND REPLACE ANY DAMAGED VALVES WITHIN THE SCOPE OF WORK AREA.
3. FLUSH AND SNAKE ALL SANITARY/WASTE LINES BACK TO THEIR ASSOCIATED RISERS PRIOR TO THE START OF WORK.

[X] KEYED PLUMBING CONSTRUCTION NOTES

1. INSTALL NEW LAB SINK AND FAUCET. INSTALL NEW COLD WATER STOP VALVE. CONNECT NEW 1/2" COLD WATER PIPING FROM EXISTING CAPPED COLD WATER PIPING. CONNECT NEW 2" ACID WASTE PIPING TO EXISTING CAPPED ACID WASTE PIPING. CONNECT NEW 1/2" GAS TO EXISTING CAPPED GAS PIPE IN WALL. MODIFY PIPING AS NEEDED.

2. INSTALL NEW EMERGENCY SHOWER AND EYE WASH COMBO STATION. CONNECT NEW 1" COLD WATER AND 1" HW TO THE EXISTING CAPPED COLD AND HOT WATER PIPE AND CONNECT COLD AND HOT WATER PIPING TO NEW THERMOSTATIC MIXING VALVE. CONNECT NEW 2" ACID WASTE PIPE TO THE EXISTING CAPPED 2" ACID WASTE PIPE. MODIFY PIPING AS NEEDED.

3. INSTALL NEW SINK AND FAUCET. CONNECT NEW 1/2" COLD AND HOT WATER TO EXISTING CAPPED COLD AND HOT WATER PIPE IN WALL AND INSTALL NEW COLD AND HOT WATER STOP VALVES. CONNECT NEW 1-1/2" SANITARY PIPING TO EXISTING 1-1/2" SANITARY PIPING IN WALL. MODIFY PIPING AS NEEDED.

(X) KEYED PLUMBING DEMOLITION NOTES

1. DISCONNECT AND REMOVE ACID WASTE, GAS, HOT WATER AND COLD WATER PIPING FROM EXISTING PIPING IN CASEWORK BELOW SINK. CUT BACK AND TEMPORARILY CAP PIPING IN WALL AND PREPARE FOR RECONNECTION. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS.

2. DISCONNECT AND REMOVE SANITARY, HOT, AND COLD WATER PIPING FROM EXISTING PIPING IN WALL TO SINK. TEMPORARILY CAP PIPE AND PREPARE FOR RECONNECTION. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS.

3. DISCONNECT ALL PLUMBING PIPING FROM FUME HOOD (DOMESTIC, GAS, SANITARY) AND CUTBACK AND CAP PIPING. PREPARE PIPING FOR RECONNECTION TO NEW FUME HOOD. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS

4. DISCONNECT AND REMOVE ACID WASTE, COLD AND HOT WATER PIPING FROM WALL TO EMERGENCY SHOWER. TEMPORARILY CAP PIPES AND PREPARE FOR RECONNECTION. VERIFY LOCATION, SIZE, AND CONDITION OF ALL EXISTING ROUGH-INS

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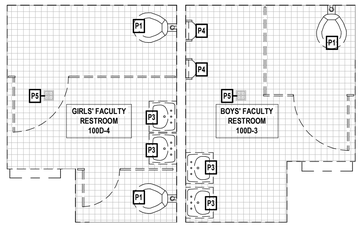
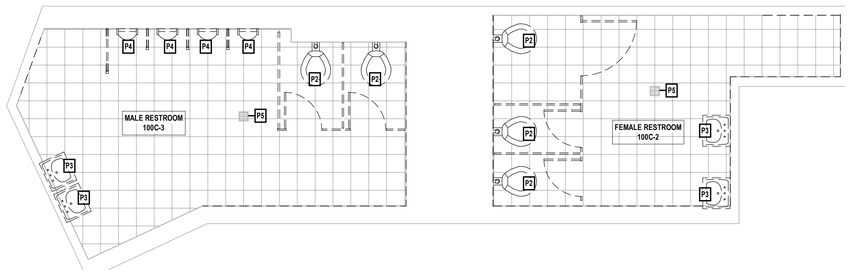


1 **BOYS' AND GIRLS' RESTROOMS - EXSITING CONDITIONS**
SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 **AUDITORIUM RESTROOMS - DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL DEMOLITION NOTES

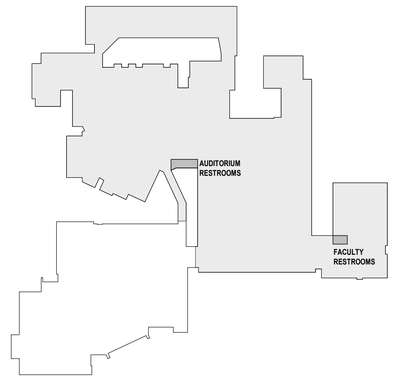
1. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES AND FINISHES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
4. CONTRACTORS SITE ACCESS AND BUILDING ENTRY POINT SHALL BE AS PER DRAWING HS-G 000.00 AND VERIFIED BY OWNER. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND ALL OTHER AREAS USED FOR ACCESS TO CONTRACT AREAS FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH & RESTORE ALL SURFACES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES VERIFY ALL ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.
7. THE CONTRACTOR SHALL REVIEW SCOPE OF DEMOLITION WORK WITH OWNER AND COORDINATE WHICH ITEMS WILL BE REMOVED CAREFULLY AND RETURNED TO DISTRICT.
8. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT TO DISCONNECT, REMOVE, AND STORE ALL REMOVABLE EQUIPMENT (INCLUDING CASEWORK, DESKS, CHAIRS, ETC.) TO PERFORM ALL REQUIRED DEMOLITION. UPON COMPLETION, CONTRACTOR SHALL REINSTALL ALL EQUIPMENT AND ENSURE PROPER WORKING CONDITION. CLEAN ALL SURFACES PRIOR TO SUBSTANTIAL COMPLETION.
9. PROTECTING EXISTING CEILING LIGHTING FIXTURES, INCLUDING, BUT NOT LIMITED TO THE FIXTURE, TRIM, SUPPORTS, AND ALL DEVICES USED TO SECURE THE LIGHTING IN PLACE.

DEMOLITION NOTES - CONTRACT P

P1	FLOOR MOUNTED TOILET	REMOVE AND DISPOSE OF EXISTING TOILET.
P2	WALL HUNG TOILET	REMOVE AND DISPOSE OF EXISTING TOILET AND CARRIER ARMS.
P3	WALL HUNG SINGLE SINK	REMOVE AND DISPOSE OF EXISTING SINK AND CARRIER ARMS.
P4	WALL HUNG URINAL	REMOVE AND DISPOSE OF EXISTING URINAL.
P5	FLOOR DRAIN COVER	REMOVE AND DISPOSE OF EXISTING FLOOR DRAIN COVER.

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



3 **KEY PLAN - LEVEL 1**
SCALE: 1" = 100'-0"

PROJECT NORTH

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White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JONATHAN RICHARD MURATORE · LICENSED PROFESSIONAL ENGINEER · 096440-1

10/31/2027
JONATHAN R. MURATORE, P.E. Exp. Date
NY PROFESSIONAL ENGINEER Lic. No. 096440

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
P. ANGELONE	P. ANGELONE	J. MURATORE	J. MURATORE

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT P
PLUMBING CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

RESTROOM UPGRADES DEMOLITION PLANS

DRAWING No.

HS-PD 430.00

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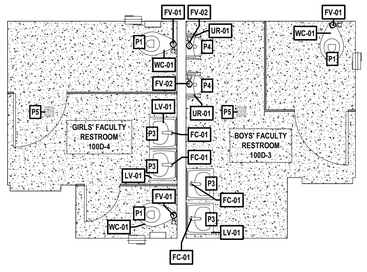
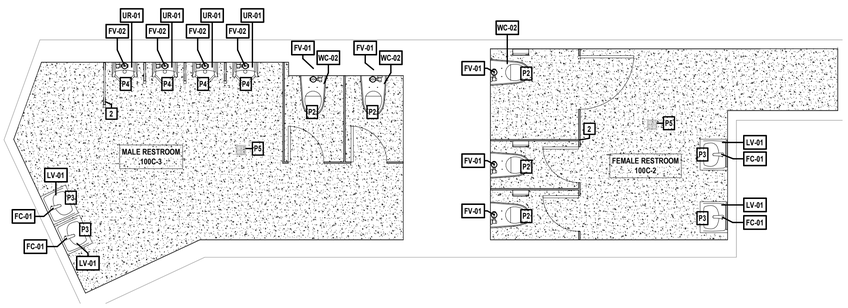
PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	DESCRIPTION	MAX...	MINIMUM CONNECTION SIZES							SPECIFICATION	REMARKS
			COLD WATER		HOT WATER		DRAIN				
		MAX FLOW	SIZE	WFU	SIZE	WFU	SIZE	DFU	VENT		
LV-01	LAVATORY - WALL MOUNT - ADA COMPLIANT - CENTER HOLE - SENSOR FAUCET	0.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: VITREOUS CHINA DROP-IN, SELF-RIMMING, SINGLE HOLE., ASME A112.19.2, FRONT OVERFLOW. FAUCET: DECK MOUNTED, ADA COMPLIANT, INTEGRATED SIDE MIXER, VANDAL RESISTANT, CHROME, GRID STRAINER, WITH 0.5 GPM AERATOR. COMPLIES WITH ASME A112.18.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP. PROVIDE CARRIER SUPPORT WATTS WCA-411 OR APPROVED EQUAL. HOT WATER SHALL NOT EXCEED 105°F. INSULATE ALL EXPOSED DRAIN AND SUPPLY PIPING WITH TRUBRO LAVGUARD FOR HC...
WC-01	WATER CLOSET - FLOOR MOUNTED - ADA COMPLIANT - TOP SPUD	1.28 GPF	1"	10	---	---	3"	4	2"	TOILET: VITREOUS CHINA, ELONGATED, ADA HEIGHT, FLOOR MOUNTED, ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. MINIMUM OF 25 PSI. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	COORDINATE GRAB BAR HEIGHT WITH FLUSH VALVE.
WC-02	WATER CLOSET - WALL MOUNTED - ADA COMPLIANT - TOP SPUD	1.28 GPF	1"	10	---	---	3"	4	2"	TOILET: VITREOUS CHINA, ELONGATED, ADA HEIGHT, WALL MOUNTED, ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. MINIMUM OF 25 PSI. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	PROVIDE CARRIER SUPPORT WATTS ISCA SERIES OR APPROVED EQUAL. SEE PLANS FOR SPECIFIC CARRIER ORIENTATION. COORDINATE GRAB BAR HEIGHT WITH FLUSH VALVE.
UR-01	URINAL - ADA COMPLIANT - TOP SPUD	0.125 GPF	3/4"	5	---	---	2"	4	1-1/2"	URINAL: VITREOUS CHINA, ADA HEIGHT, WALL MOUNTED, ASME A112.19.2. FLUSH VALVE: EXPOSED SENSOR FLUSHOMETER, POLISHED CHROME, ADA COMPLIANT, VANDAL RESISTANT. COMPLIES WITH ASSE 1037. PROVIDE REQUIRED BATTERIES AND NO PIPE SEALANT ALLOWED.	PROVIDE CARRIER SUPPORT WATTS CA-311 OR APPROVED EQUAL.



1 **FACULTY RESTROOMS - PROPOSED CONDITIONS**
SCALE: 1/4" = 1'-0"



2 **AUDITORIUM RESTROOMS - PROPOSED CONDITIONS**
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE

FIXTURE NO.	NAME	BRAND	MODEL #	QUANTITY	ADA
FC-01	FAUCET	Sloan Valve	EAF-150	8	
FV-01	FLUSHOMETER - TOILET	Sloan Valve	G2-8111	8	
FV-02	FLUSHOMETER - URINAL	Sloan Valve	G2-8186	6	
LV-01	LAVATORY SINGLE WALL HUNG	Sloan Valve	SS-3103	8	Yes
UR-01	URINAL WALL HUNG	SLOAN VALVE	SU-1009	6	Yes
WC-01	TOILET FLOOR MOUNTED	SLOAN VALVE	ST-2009	3	
WC-02	WC WALL HUNG	SLOAN VALVE	ST-2459	5	No

GENERAL CONSTRUCTION NOTES

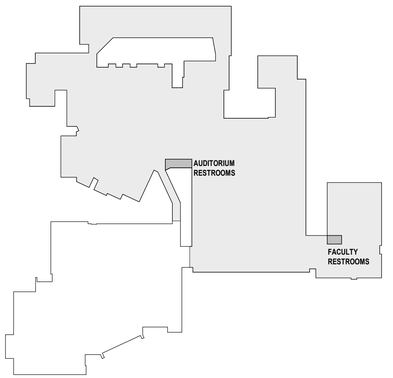
1. TOILET ROOM DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR QUANTITY TAKEOFFS AND FABRICATION OF MATERIALS.
2. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. PLUMBING CONTRACTOR SHALL ADJUST LOCATIONS OF WATER SUPPLIES AND WASTE AS REQUIRED FOR NEW FIXTURES.
4. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
5. CONTRACTOR SHALL INSTALL WALL TILES SO THAT THEY ARE VERTICALLY PLUMB WITHIN 1/8" FROM THE FACE OF THE BASE TILE TO THE FACE OF THE UPPERMOST TILE.
6. REPAIR, RESTORE, AND REFINISH TO ORIGINAL APPEARANCE ALL WALL AND CEILING FINISHES THAT WERE DISTURBED IN THE COMPLETION OF THE WORK.
7. PROVIDE AND TURN OVER TO THE SCHOOL DISTRICT ALL EXTRA MAINTENANCE MATERIALS IN THE QUANTITIES INDICATED WITHIN THE SPECIFICATIONS.
8. PRIOR TO BEGINNING INSTALLING NEW CEILINGS, THE CONTRACTOR SHALL DETERMINE THE SET-OUT POINT AND REVIEW WITH THE ARCHITECT. THE INTENT IS TO HAVE FULL TILES CENTERED BETWEEN WALLS EACH DIRECTION. CUT TILES WILL ONLY BE USED ALONG THE PERIMETER OF THE NEW SPACE WITH A MINIMUM DIMENSION OF FOUR (4) INCHES IN ANY DIRECTION.
9. VERIFY LOCATION OF ALL ACCESSORIES PRIOR TO INSTALLATION WITH OWNER & ARCHITECT

CONSTRUCTION NOTES - CONTRACT P

P1	FLOOR MOUNTED TOILET	PROVIDE NEW FLOOR MOUNTED TOILET WITH FLUSH SENSOR. INSTALL 1-INCH COLD WATER, 3-INCH SANITARY, AND 2-INCH VENT TO TOILET WITH WAX SEAL AND SEALANT.
P2	WALL MOUNTED TOILET	PROVIDE NEW WALL MOUNTED TOILET WITH FLUSH SENSOR. INSTALL 1-INCH COLD WATER, 3-INCH SANITARY, AND 2-INCH VENT TO TOILET WITH WAX SEAL AND SEALANT.
P3	WALL HUNG LAVATORY	PROVIDE NEW SINGLE LAVATORY WITH FAUCET AND SOAP DISPENSER. INSTALL 1/2-INCH COLD AND HOT WATER TO FAUCET WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 1-1/2-INCH SANITARY AND VENT TO SINK. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105 DEGREE F. PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE SPECIFICATIONS.
P4	WALL MOUNTED URINAL	PROVIDE NEW WALL MOUNTED URINAL. INSTALL 3/4-INCH COLD WATER, 1-1/2-INCH SANITARY AND 1-1/2-INCH VENT TO URINAL. FOR WALL MOUNTED FIXTURE, PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE SPECIFICATIONS.
P5	FLOOR DRAIN	PROVIDE AND INSTALL NEW FLOOR DRAIN COVER PLATE.

KEY PLAN LEGEND

ALTERATION LEVEL 1 AREAS OF WORK



3 **KEY PLAN - LEVEL 1**
SCALE: 1" = 100'-0"

H 2 M architects + engineers

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White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK — JONATHAN RICHARD MURATORE — LICENSED PROFESSIONAL ENGINEER — 096440-1

10/31/2027
JONATHAN R. MURATORE, P.E. — Exp. Date
NY PROFESSIONAL ENGINEER Lic. No. 096440

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P. ANGELONE	P. ANGELONE	J. MURATORE	J. MURATORE

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT P
PLUMBING CONSTRUCTION

STATUS
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SHEET TITLE
RESTROOM UPGRADES PROPOSED PLANS

DRAWING No.
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PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	DESCRIPTION	BASIS OF DESIGN						MINIMUM CONNECTION SIZES							SPECIFICATION	REMARKS
		MAKE	MODEL	TRIM / FAUCET				COLD WATER		HOT WATER		DRAIN		VENT		
				MAKE	MODEL	OPERATION	MAX FLOW	SIZE	WFU	SIZE	WFU	SIZE	DFU			
SK-1	LAB SINK - CW & HW	PROVIDED BY CONTRACTOR G		WATERSAVER	L412VB-BH	MANUAL	1.5 GPM	1/2"	1	1/2"	1	1-1/2"	2	1-1/2"	SINK: DROP IN, BLACK EPOXY RESIN, CENTER DRAIN. FAUCET: POLISHED CHROME WITH WRIST BLADE HANDLE, 6" GOOSENECK SPOUT, COLD WATER AND HOT WATER CONNECTIONS, IN-LINE VACUUM BREAKER. COMPLIES WITH ASME A112.18.1.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP.
SK-1 (HC)	LAB SINK - CW & HW - ADA	PROVIDED BY CONTRACTOR G		WATERSAVER	L412VB-BH	MANUAL	1.5 GPM	1/2"	1	1/2"	1	1-1/2"	2	1-1/2"	SINK: DROP IN, BLACK EPOXY RESIN, CENTER DRAIN, ADA COMPLIANT. FAUCET: POLISHED CHROME WITH WRIST BLADE HANDLE, 6" GOOSENECK SPOUT, COLD WATER AND HOT WATER CONNECTIONS, IN-LINE VACUUM BREAKER. COMPLIES WITH ASME A112.18.1.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP.
SK-2	LAB SINK - CW, HW, GAS	PROVIDED BY CONTRACTOR G		WATERSAVER	VR5800-110WSA	MANUAL	1.5 GPM	1/2"	1	1/2"	1	1-1/2"	2	1-1/2"	SINK: DROP IN, BLACK EPOXY RESIN, CENTER DRAIN, ADA COMPLIANT. FAUCET: POLISHED CHROME WITH FOUR ARM HANDLE, HIGH ARCH SPOUT, COLD WATER - HOT WATER - AND GAS	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP.
SK-3	SINK - DROP IN - ADA- 22" x 19.5" x 7.625"	ELKAY	LR2219	ELKAY	LKD2445BH	MANUAL	2.2 GPM	1/2"	1.5	1/2"	1.5	1-1/2"	2	1-1/2"	SINK: DROP IN, 18-GAUGE STAINLESS STEEL SINK WITH SATIN FINISH, AND GRID STRAINER. COMPLIES WITH ASME A112.19.3. FAUCET: POLISHED CHROME WITH 4" BLADE HANDLES, HIGH ARCH SPOUT, 2.2 GPM AT 60 PSIG. COMPLIES WITH NSF 61, CONNECTIONS. COMPLIES WITH ASME A112.18.1.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP.
EW-1	EMERGENCY EYE WASH AND SHOWER COMBINATION	WATERSAVER	SS902	-	-	MANUAL	20 GPM	1-1/4"	3	1-1/4"	3	1-1/2"	2	1-1/2"	COMBINATION EYEWASH AND SHOWER SAFETY STATION. STAINLESS STEEL EYEWASH BOWL AND ORANGE ABS PLASTIC SHOWER HEAD. SCHEDULE 40 GALVANIZED STEEL PIPE AND FITTINGS W/ ORANGE PIPE COVERS. FLOW: 20 GPM FLOW CONTROL SHOWER HEAD AND 3 GPM FLOW CONTROL EYEWASH STATION.	PROVIDE THERMOSTATIC MIXING VALVE TO DELIVER TEPID WATER - WATERSAVER MODEL TM6040 AND PROVIDE ANSI-COMPLIANT IDENTIFICATION SIGN.
EW-2	EMERGENCY EYE WASH - DECK MOUNTED	WATERSAVER	EW1022BP	-	-	MANUAL	13 GPM	3/4"	-	3/4"	-	-	-	-	DECK MOUNTED EYEWASH, IN-LINE DUAL CHECK BACKFLOW PREVENTER INSTALLED ON INLET OF HOSE, THERMOSTATIC MIXING VALVE, COMPLIES WITH ANSI Z358.1.	PROVIDE THERMOSTATIC MIXING VALVE TO DELIVER TEPID WATER - WATERSAVER MODEL TM6020 AND PROVIDE ANSI-COMPLIANT IDENTIFICATION SIGN.
GA-1	GAS TURRET - DECK MOUNTED - DOUBLE INLET - ADA	WATERSAVER	L4100-131WSA	-	-	MANUAL	13 GPM	3/4"	-	3/4"	-	-	-	-	DECK MOUNTED LABORATORY TURRET BASE WITH QUARTER TURN BALL VALVE, 2 VALVES AT 90 DEGREES.	PROVIDE THERMOSTATIC MIXING VALVE TO DELIVER TEPID WATER - WATERSAVER MODEL TM6020 AND PROVIDE ANSI-COMPLIANT IDENTIFICATION SIGN.

NOTES:

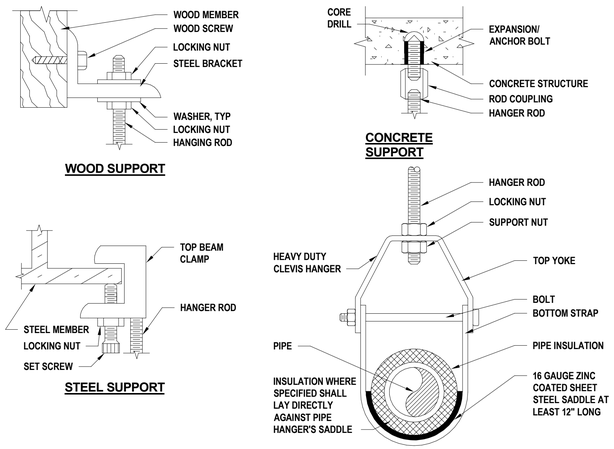
*HC REPRESENTS HANDICAPPED PLUMBING FIXTURE, OR ADA. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS FOR ACCESSIBLE FIXTURES

HANGER SPACING

PIPING MATERIAL	MAX. HORIZONTAL (FT)	MAX. VERTICAL (FT)
POLYETHYLENE	2.67	4
PEX	2.67	10
CPVC 1" OR SMALLER	3	10
ABS/PVC/CPVC (>1")	4	10
CAST-IRON	5	15
COPPER (<1-1/2)	6	10
COPPER (≥ 1-1/2")/BRASS)	10	10
STEEL	12	15

HANGER ROD SCHEDULE

PIPE SIZE	ROD SIZE (DIA.)	PIPE SIZE	ROD SIZE (DIA.)
≤ 2"	3/8"	4" THRU 5"	5/8"
2 1/2" THRU 3 1/2"	1/2"	6" THRU 8"	3/4"

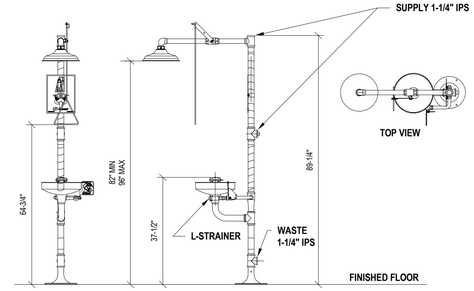


1 Pipe Hanger Detail

SCALE: NTS

2 Pipe Penetation Through Floors Detail

SCALE: NTS



NOTES:

1. DIMENSIONS MAY VARY BY ± 1/2 INCHES
2. TO COMPLY WITH ANSI Z358.1-2009 FOR EMERGENCY SHOWER EQUIPMENT:
   - UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
   - SHOWER SPRAY PATTERN SHALL HAVE A MINIMUM DIAMETER OF 20 INCHES AT 60 INCHES ABOVE SURFACE ON WHICH THE USER STANDS, AND CENTER OF SPRAY PATTERN SHALL BE LOCATED AT LEAST 16 INCHES FROM ANY OBSTRUCTION.
3. PROVIDE SHOWER TEST KIT
4. PROVIDE VISUAL ALARM WHEN SHOWER OR FACE WASH IS ACTIVATED

3 Emergency Shower Detail

SCALE: NTS

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK — JONATHAN RICHARD MURATORE — LICENSED PROFESSIONAL ENGINEER — 096440-1

10/31/2027 Exp. Date

JONATHAN R. MURATORE, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 096440

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P. ANGELONE	P. ANGELONE	J. MURATORE	J. MURATORE

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT P
PLUMBING CONSTRUCTION

STATUS

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SHEET TITLE

PLUMBING DETAILS

DRAWING No.

HS-P 500.00

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ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BCU	BUILDING CONTROL UNIT
BTU	BRITISH THERMAL UNIT
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COMM.	COMMUNICATION
CV	CONTROL VALVE
(D)	DEMOLISH
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEG. F	DEGREES FAHRENHEIT
DIA	DIAMETER
DX	DIRECT EXPANSION
'E' / EC	ELECTRICAL CONTRACTOR
(E)	EXISTING
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FT. H20	FEET OF WATER
FTR	FINNED TUBE RADIATOR
'G' / GC	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
H	HEIGHT
HP	HORSEPOWER
IN.	INCHES
IN. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LCD	LIQUID CRYSTAL DISPLAY
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
'M' / MC	MECHANICAL CONTRACTOR
M	METER
MAX	MAXIMUM
MBH	1,000 BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MNF	MANUFACTURER
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OAI	OUTDOOR AIR INTAKE
OD	OUTER DIAMETER
OED	OPEN ENDED DUCT
(P)	PROPOSED / NEW
'P'	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PSIG	LBS / SQUARE INCH (GAUGE PRESSURE)
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL ENERGY EFFICIENCY RATING
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WAC	WINDOW AIR CONDITIONER
WB	WET BULB
WMS	WIRE MESH SCREEN

DUCTWORK LEGEND

SYMBOL	ABBREV	DESCRIPTION
		NEW DUCTWORK WITH 45 DEGREE TAKE OFF
	VD	VOLUME DAMPER
	CD	ROUND SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	SIDEWALL SUPPLY, RETURN OR EXHAUST
	SEE AIR DEVICE SCHEDULE	SQUARE SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	CEILING RETURN OR EXHAUST GRILLE
		FLEX DUCT
	FC	FLEXIBLE CONNECTION
		TURNING VANES
		RECTANGULAR TO ROUND TRANSITION
	AL	ACOUSTICAL LINING
		END CAP
	SEE AIR DEVICE SCHEDULE	SUPPLY DIFFUSER WITH DIRECTIONAL FLOW (SOLID HATCH INDICATES BLANK OFF PANEL)
		SUPPLY DUCT DROP
		RETURN/EXHAUST DUCT DROP
		SUPPLY DUCT RISE
		RETURN/EXHAUST DUCT RISE
DSD	DSD	DUCT SMOKE DETECTOR
M	MD	MOTORIZED DAMPER WITH ACTUATOR
OR	AD	ACCESS DOOR
	FD/AD	FIRE DAMPER WITH ACCESS DOOR
	FD/AD	FIRE DAMPER AT FLOOR PENETRATION WITH ACCESS DOOR
	FSD/AD	FIRE SMOKE DAMPER WITH ACCESS DOOR
		WORK TO BE REMOVED
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING

PIPING LEGEND

SYMBOL	ABBREV	DESCRIPTION
		NEW WORK
		WORK TO BE REMOVED
		PIPING DOWN/ PIPING UP
		BALL VALVE WITH HOSE END CONNECTION
	TH	THERMOMETER
	U	UNION
	FPC	FLEXIBLE PIPE CONNECTION/ FLEX PIPE
		DIRECTION OF FLOW
	PSR	PRESSURE SAFETY AND RELIEF VALVE
	PRV	PRESSURE REDUCING VALVE
	BV	BALL VALVE
	BA	BALANCING VALVE
	BFV	BUTTERFLY VALVE
		TEMPERATURE SENSOR WITH THERMOWELL
	GA	GATE VALVE
	GB	GLOBE VALVE
	AV	AUTOMATIC AIR VENT
	CV	2-WAY ELECTRONIC CONTROL VALVE
	CV	3-WAY ELECTRONIC CONTROL VALVE
	CV	2-WAY PNEUMATIC CONTROL VALVE
	CV	3-WAY PNEUMATIC CONTROL VALVE
		PLUG VALVE
	STR	STRAINER
	STR	STRAINER WITH BLOW OFF VALVE WITH HOSE END CONNECTION
	FD	FLOOR DRAIN
S		AIR SEPARATOR
F&T		STEAM TRAPS (INDICATE TYPE)
	CH	CHECK VALVE
	PG	PRESSURE GAUGE WITH GAUGE COCK
	RED	REDUCER
CO.	CO	CLEANOUT END CAP
		PIPE GUIDE
		PIPE ANCHOR
		CAPPED PIPE
		PUMP
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING
	TDV	TRIPLE DUTY VALVE

CONTROLS LEGEND

SYMBOL	DESCRIPTION
C	CARBON MONOXIDE SENSOR
T	THERMOSTAT
S	DIGITAL TEMPERATURE SENSOR
H	HUMIDITY SENSOR
P	PRESSURE SENSOR
C2	CARBON DIOXIDE SENSOR

GENERAL NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
3. PERFORM ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE, FIRE CODE, MECHANICAL CODE, ENERGY CONSERVATION CODE, AND FUEL GAS CODE OF NEW YORK STATE AND REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
4. COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
5. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, DUCTWORK, CONDUIT, ETC. PROVIDE FIRE DAMPERS AND ACCESS DOORS IN ALL OPENINGS IN FIRE RATED FLOORS, PARTITIONS, AND WALLS FOR DUCTWORK AS PER THE MECHANICAL CODE OF NEW YORK STATE. (SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED CONSTRUCTION.)
6. DO NOT SCALE DRAWINGS. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS, PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S REQUIREMENTS TO PROVIDE PROPER CLEARANCE FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTOR'S FABRICATED ITEMS SHALL ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
7. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS OR WALKING AREAS.
8. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
9. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
10. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
11. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
12. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING AND DUCT TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
13. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
14. COORDINATE INSTALLATION OF SUPPLY AND RETURN GRILLES WITH INSTALLATION OF FINISHED CEILINGS.
15. COMPLETE ALL PRESSURE TESTS BEFORE ANY MECHANICAL EQUIPMENT, DUCTWORK, OR PIPING INSULATION IS APPLIED.
16. TESTING, ADJUSTING, AND BALANCING AGENCY SHALL BE A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). PERFORM ALL TESTING, ADJUSTING, AND BALANCING IN ACCORDANCE WITH THE SPECIFICATIONS.
17. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE FORGED OR CAST BEAM CLAMPS; THE USE OF ROLLED STEEL C-CLAMPS IS NOT PERMITTED. REFER TO SPECIFICATION SECTION 230529 FOR ADDITIONAL INFORMATION.
18. PROVIDE CONCRETE PADS A MINIMUM OF 6 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
19. INTERNALLY LINE ALL SUPPLY, RETURN AND OUTDOOR AIR DUCTWORK WITHIN 20 FEET UPSTREAM AND DOWNSTREAM OF FANS/AIR HANDLING EQUIPMENT WITH 1" THICK ACOUSTIC DUCT LINER. INTERNALLY LINED DUCTWORK MEETING THIS REQUIREMENT SHALL ALSO BE PROVIDED WITH EXTERNALLY APPLIED INSULATION AS REQUIRED BY THE SPECIFICATIONS. SEE SPECIFICATION SECTION 230719 FOR ADDITIONAL REQUIREMENTS.
20. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS, AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIR STREAM. PROVIDE TRAP AT CONNECTION, WATER SEAL DEPTH 1 INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY ARCHITECT/ENGINEER.
21. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

WORK IN EXISTING AREAS

1. EXISTING CONDITIONS, INCLUDING EQUIPMENT, DUCT AND PIPE SIZES AND LOCATIONS, INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
2. CUT AND ROUGH PATCH EXISTING CONSTRUCTION AS REQUIRED FOR THE PERFORMANCE OF THE WORK. FINISH PATCHING AND FLASHING REQUIREMENTS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. PERFORM ALL CUTTING AND PATCHING WORK IN A MANNER SUCH THAT EXISTING WARRANTEES/GUARANTEES ARE NOT VOIDED, USE QUALIFIED PERSONNEL IN PERFORMANCE OF WORK.

CONTRACT 'M' SCOPE NOTES

1. FURNISH ALL LOUVERS FOR INSTALLATION BY CONTRACT 'G'. SUBMIT LOUVER COLOR AND CONFIGURATION TO THE ARCHITECT/ENGINEER FOR APPROVAL.
2. INSTALL SMOKE DETECTORS IN DUCTWORK FOR AIR HANDLING UNITS RATED AT 2,000 CFM OR GREATER. SMOKE DETECTOR SUPPLY AND WIRING IS PART OF CONTRACT 'E'.
3. INSTALL SMOKE DETECTORS IN DUCTWORK WHERE A SMOKE DAMPER OR FIRE SMOKE DAMPER IS INSTALLED. SMOKE DETECTOR SUPPLY AND WIRING IS PAR OF CONTRACT 'E'.
4. FURNISH AND INSTALL ALL NECESSARY CONTROL WIRING, CONDUIT, AND ACCESSORIES AS REQUIRED TO PROVIDE FULLY FUNCTIONING SYSTEMS AND SEQUENCES OF OPERATION.
5. FURNISH ALL LINTELS FOR DUCT AND PIPE PENETRATIONS IN INTERIOR MASONRY WALLS FOR INSTALLATION BY CONTRACT 'G'.
6. FURNISH ALL SLEEVES FOR PIPE AND CONDUIT FLOOR, WALL, PARTITION, AND ROOF PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
7. FURNISH ALL CURBS FOR ALL ROOF MOUNTED EQUIPMENT AND DUCT PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
8. REMOVE CHASE ENCLOSURE COVER WHEN PERFORMING WORK IN ANY CHASE, AND REINSTALL THE CHASE ENCLOSURE COVER WHEN WORK IS COMPLETE.
9. PERFORM ALL CUTTING AND PATCHING AS REQUIRED IN THE EXECUTION OF THE WORK. FINISH PATCHING AND FLASHING IS PART OF CONTRACT 'G'

LEGENDS/ABBREVIATIONS NOTES

1. ABBREVIATIONS AND SYMBOLS ON THIS SHEET DO NOT DEFINE THE SCOPE OF WORK.

EXISTING SYSTEM PRE-MODIFICATION/DEMOLITION TESTING

1. OBTAIN THE SERVICES OF A TESTING AND BALANCING COMPANY TO PERFORM OPERATIONAL TESTS PRIOR TO THE MODIFICATION / DEMOLITION OF THE EXISTING AIR SYSTEM(S). SUBMIT REPORT TO ENGINEER FOR REVIEW/RECORD PURPOSES WITH FINDINGS INCLUDING, BUT NOT LIMITED TO, EXISTING FAN CURVES, PRESSURE READINGS, AIRFLOW MEASUREMENTS, ENTERING AIR TEMPERATURE, LEAVING AIR TEMPERATURE, EQUIPMENT/MOTOR NAMEPLATE DATA, ETC.
2. OBTAIN THE SERVICES OF A TESTING AND BALANCING COMPANY TO PERFORM OPERATIONAL TESTS PRIOR TO THE MODIFICATION / DEMOLITION OF THE EXISTING HYDRONIC SYSTEM(S). SUBMIT REPORT TO ENGINEER FOR REVIEW/RECORD PURPOSES WITH FINDINGS INCLUDING, BUT NOT LIMITED TO, EXISTING PUMP CURVES, PRESSURE READINGS, HYDRONIC FLOW MEASUREMENTS, ENTERING WATER TEMPERATURE, LEAVING WATER TEMPERATURE, EQUIPMENT/MOTOR NAMEPLATE DATA, ETC.
3. VERIFY EXISTING EQUIPMENT CALLED TO BE REPLACED 'IN-KIND' IS OPERATIONAL (HAS POWER AND RESPONDS TO EXISTING CONTROLS) PRIOR TO PERFORMING ANY DISCONNECTIONS OR REMOVALS. REPORT ANY DEFICIENCIES IN EXISTING SERVICES OR CONTROLS EXPECTED TO BE RE-USED FOR THE 'IN-KIND' REPLACEMENT TO ENGINEER IN WRITING PRIOR TO REMOVALS. CONTRACTOR IS RESPONSIBLE TO CORRECT ANY DEFICIENCIES NOT REPORTED PRIOR TO DEMOLITION TO PROVIDE A FULLY OPERATIONAL EQUIPMENT REPLACEMENT.

SYSTEM COMMISSIONING NOTES (NYS)

1. COMMISSION ALL NEW BUILDING MECHANICAL SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2025 NEW YORK STATE (NYS) ENERGY CONSERVATION CONSTRUCTION CODE (ECCC) SECTION C408. COMMISSIONING SHALL BE PERFORMED BY AN APPROVED THIRD-PARTY COMMISSIONING AGENCY HIRED BY THE OWNER / ASSIGNED CONSTRUCTION MANAGER. REFER TO SPECIFICATION SECTIONS 019113 - GENERAL COMMISSIONING REQUIREMENTS AND 230800 - COMMISSIONING OF MECHANICAL SYSTEMS FOR MORE INFORMATION.
2. PROVIDE DRAWINGS, OPERATION & MAINTENANCE (O&M) MANUALS, AND SYSTEM BALANCING REPORTS TO BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 90 DAYS OF THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY OR LETTER OF COMPLETION IN ACCORDANCE WITH THE 2025 NYS ECCC SECTION C408.2.5.
3. COMMISSIONING AGENT SHALL PROVIDE FINAL COMMISSIONING REPORT TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 90 DAYS OF THE RECEIPT OF THE CERTIFICATE OF OCCUPANCY OR LETTER OF COMPLETION IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2025 NYS ECCC SECTION C408.2.5.4.

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
GENERAL NOTES, LEGENDS, AND ABBREVIATIONS

DRAWING No.

HS-M 001.00

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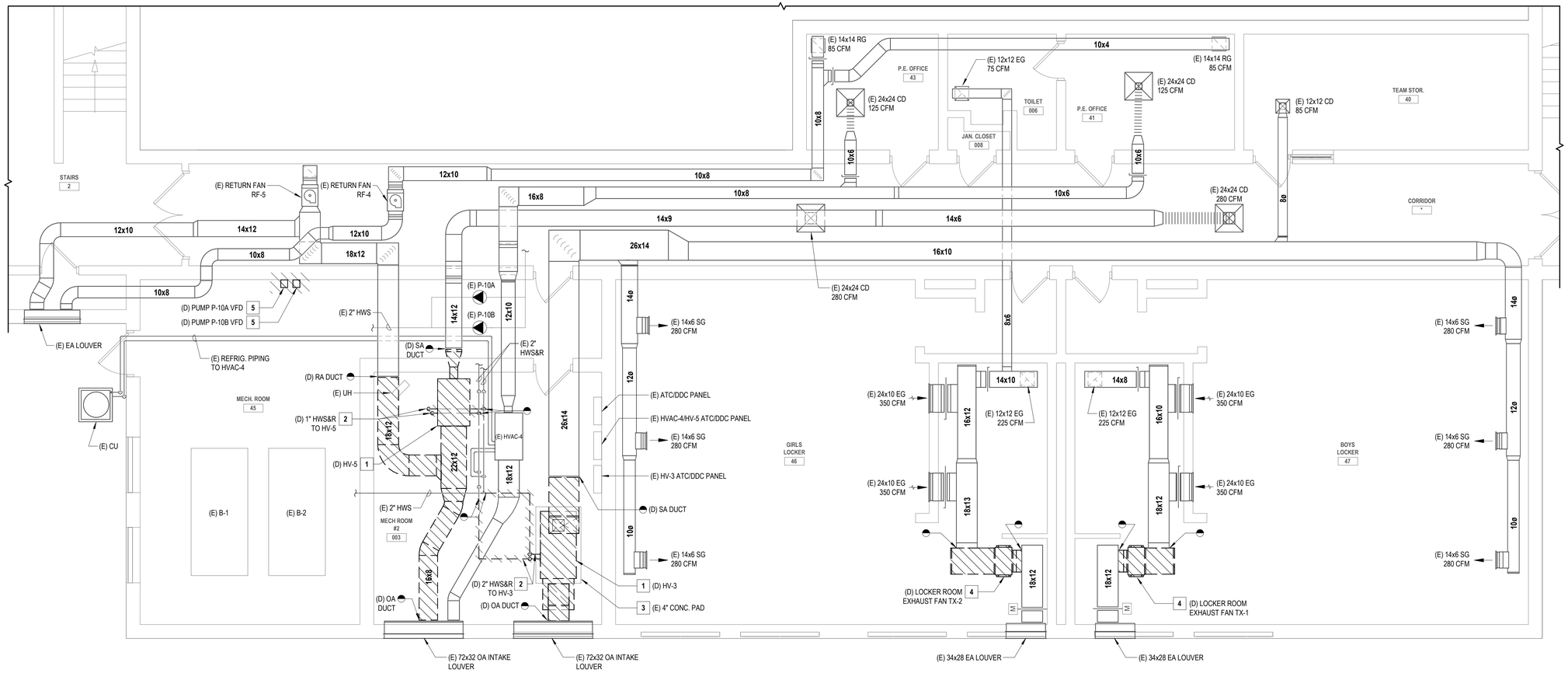


1 PARTIAL BASEMENT DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

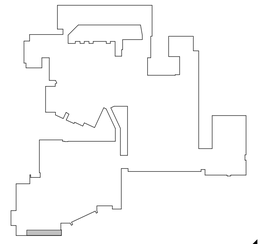
PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND / OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT / ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING H&V UNIT AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED SUPPLY/RETURN/OUTSIDE AIR DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE EXISTING H&V UNIT CONCRETE HOUSEKEEPING PAD SHALL BE EXISTING TO REMAIN. THE CONTRACTOR SHALL CLEAN, PATCH, AND REPAIR THE CONCRETE PAD AFTER DEMOLITION WORK HAS BEEN COMPLETED, AND PRIOR TO INSTALLATION OF THE NEW REPLACEMENT H&V UNIT.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING LOCKER ROOM EXHAUST FAN IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED EXHAUST DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
5. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING VARIABLE FREQUENCY DRIVE (VFD) AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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CONSULTANTS:

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05/31/2028
Exp. Date

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NY PROFESSIONAL ENGINEER Lic. No. 057554

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL BASEMENT DEMOLITION PLAN

DRAWING No.

HS-MD 110.00

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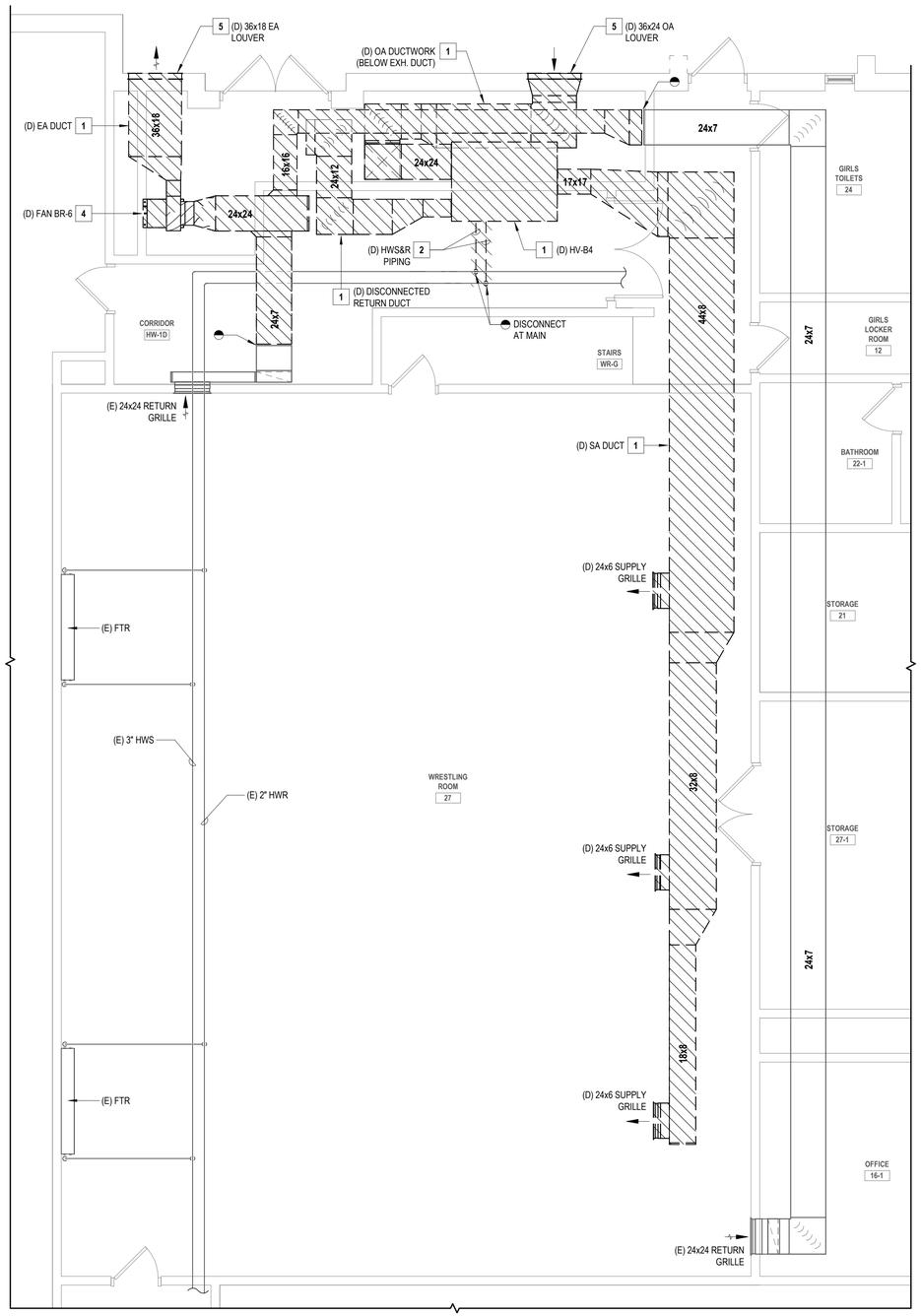
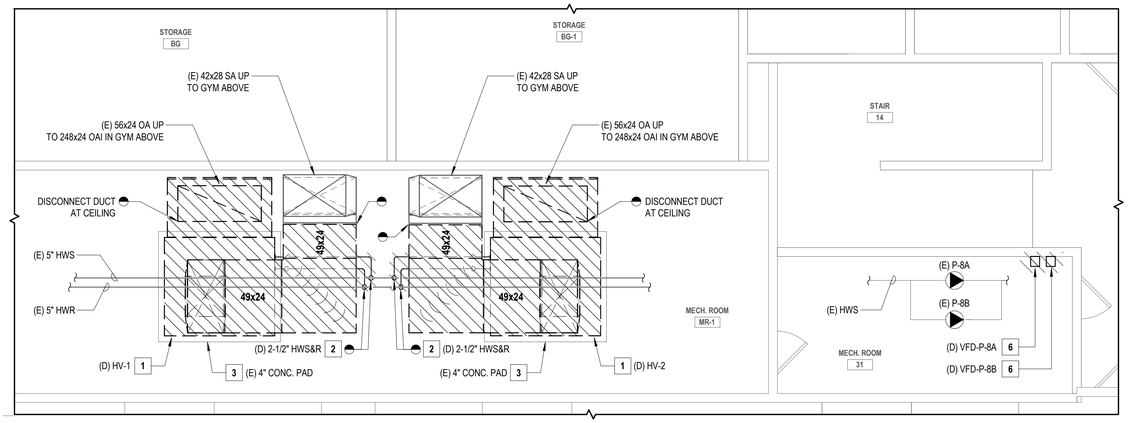


1 PARTIAL FIRST FLOOR DEMOLITION PLAN - WRESTLING ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL FIRST FLOOR DEMOLITION PLAN - GYM MER MR-1 & MECH. ROOM 31

SCALE: 1/4" = 1'-0"

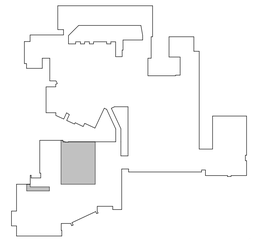
PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND / OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT / ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING H&V UNIT AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED SUPPLY/RETURN/OUTSIDE AIR DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE EXISTING H&V UNIT CONCRETE HOUSEKEEPING PAD SHALL BE EXISTING TO REMAIN. THE CONTRACTOR SHALL CLEAN, PATCH, AND REPAIR THE CONCRETE PAD AFTER DEMOLITION WORK HAS BEEN COMPLETED, AND PRIOR TO INSTALLATION OF THE NEW REPLACEMENT H&V UNIT.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING WRESTLING ROOM EXHAUST FAN IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED EXHAUST DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
5. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE INDICATED LOUVER, WALL SLEEVE, AND RELATED APPURTENANCES.
6. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING VARIABLE FREQUENCY DRIVE (VFD) AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION.



KEY PLAN

SCALE: 1" = 160'-0"

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05/31/2028 Exp. Date

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA A

DRAWING No.

HS-MD 111.00

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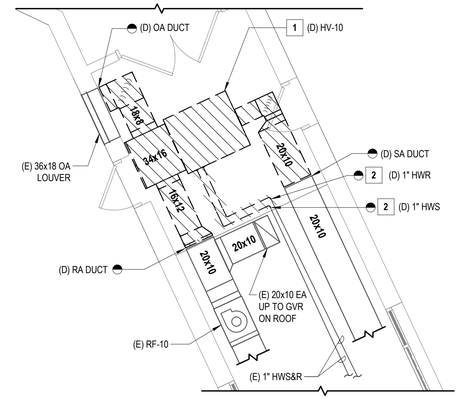
1 PARTIAL FIRST FLOOR DEMOLITION PLAN - AUDITORIUM LOWER LEVEL

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

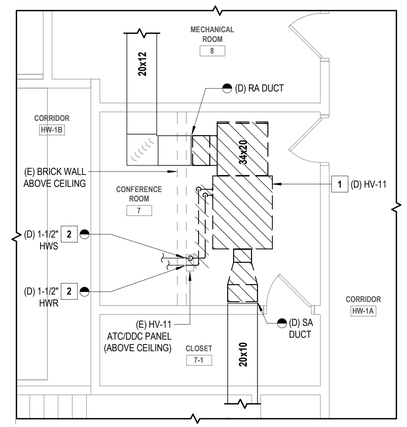
PROJECT NORTH



2 PARTIAL FIRST FLOOR DEMOLITION PLAN - CORRIDOR

SCALE: 1/4" = 1'-0"

PROJECT NORTH



3 PARTIAL FIRST FLOOR DEMOLITION PLAN - CONFERENCE ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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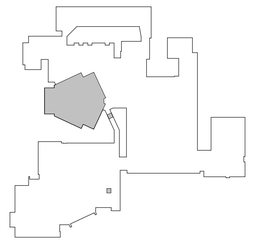
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND / OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT / ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

[X] MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING H&V UNIT AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED SUPPLY/RETURN/OUTSIDE AIR DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE RETURN AIR DUCTWORK AND RETURN GRILLES FOR AIR HANDLING UNITS SERVING THE AUDITORIUM SHALL BE EXISTING TO REMAIN. AIRFLOWS ARE SHOWN FOR REFERENCE AND BALANCING PURPOSES.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

**120 PRIMROSE ST.
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-003-023

CONTRACT

**CONTRACT M
MECHANICAL CONSTRUCTION**

STATUS

FOR BID

SHEET TITLE

**MECHANICAL
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA B**

DRAWING No.

HS-MD 112.00

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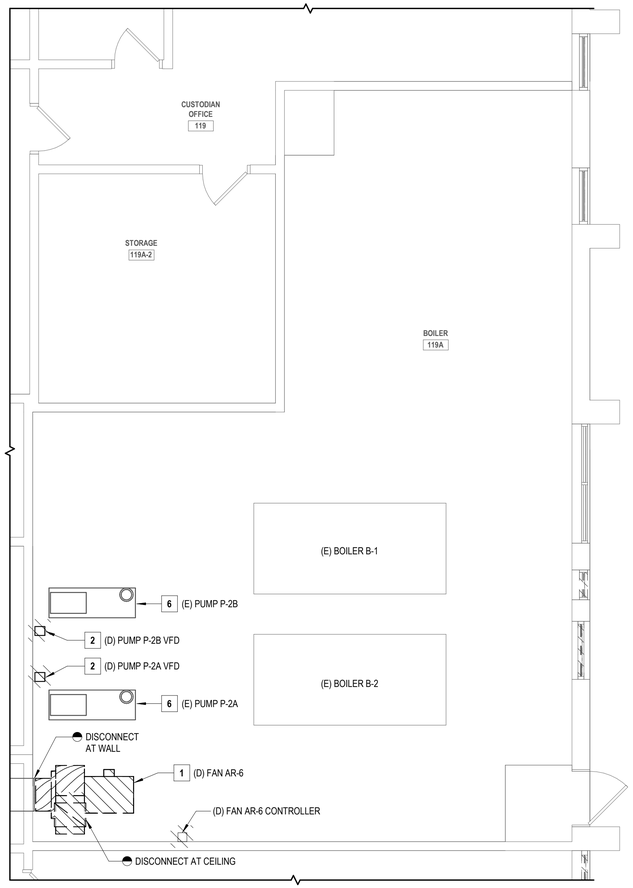
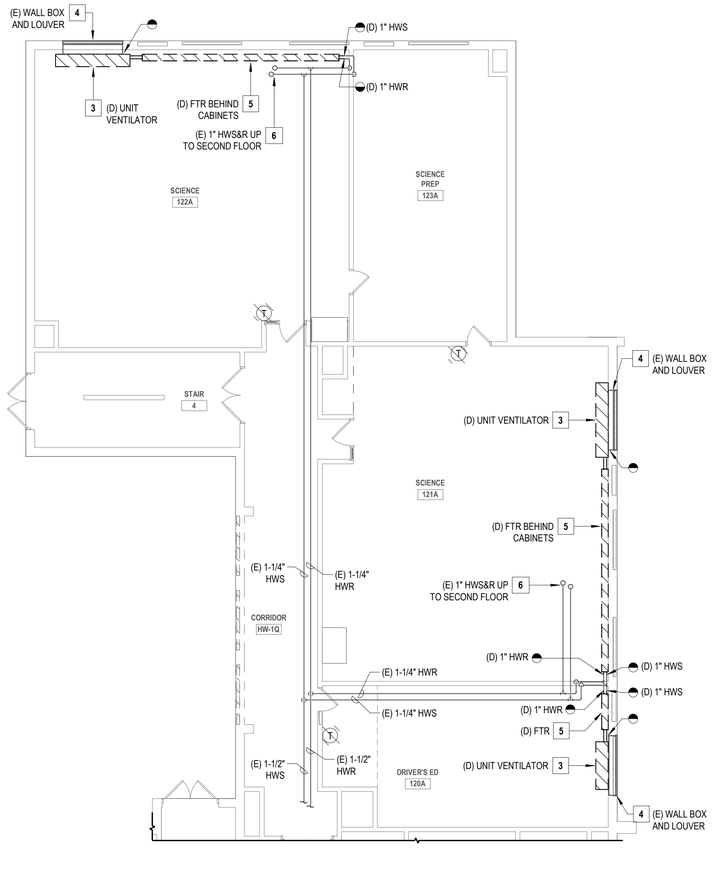


1 PARTIAL FIRST FLOOR DEMOLITION PLAN - BOILER ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL FIRST FLOOR DEMOLITION PLAN - CLASSROOMS

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

PROJECT NORTH

GENERAL NOTES

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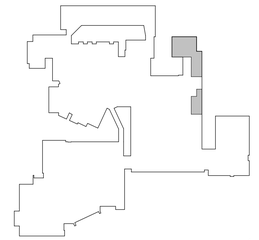
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING FAN "AR-6" IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED EXHAUST DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING VARIABLE FREQUENCY DRIVE (VFD) AND ALL RELATED APPURTENANCES IN APPROXIMATELY THIS LOCATION.
3. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER UNIT VENTILATOR IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
4. THE WALL BOX AND OUTSIDE AIR INTAKE LOUVER ASSOCIATED WITH THE INDICATED UNIT VENTILATOR ARE EXISTING TO REMAIN. THE CONTRACTOR SHALL PROVIDE A TEMPORARY WEATHERPROOF COVER OVER WALL BOX OPENING TO PREVENT INFILTRATION UNTIL THE REPLACEMENT UNIT VENTILATOR IS INSTALLED UNDER THE NEW WORK PHASE OF THIS PROJECT.
5. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER FINNED-TUBE RADIATOR IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING BACK TO POINT INDICATED ON THE DRAWING OR THE ASSOCIATED PIPING MAINS. TEMPORARILY CAP PIPING AT THE POINT INDICATED OR AT THE PIPING MAINS.
6. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

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PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA B

DRAWING No.

HS-MD 113.00

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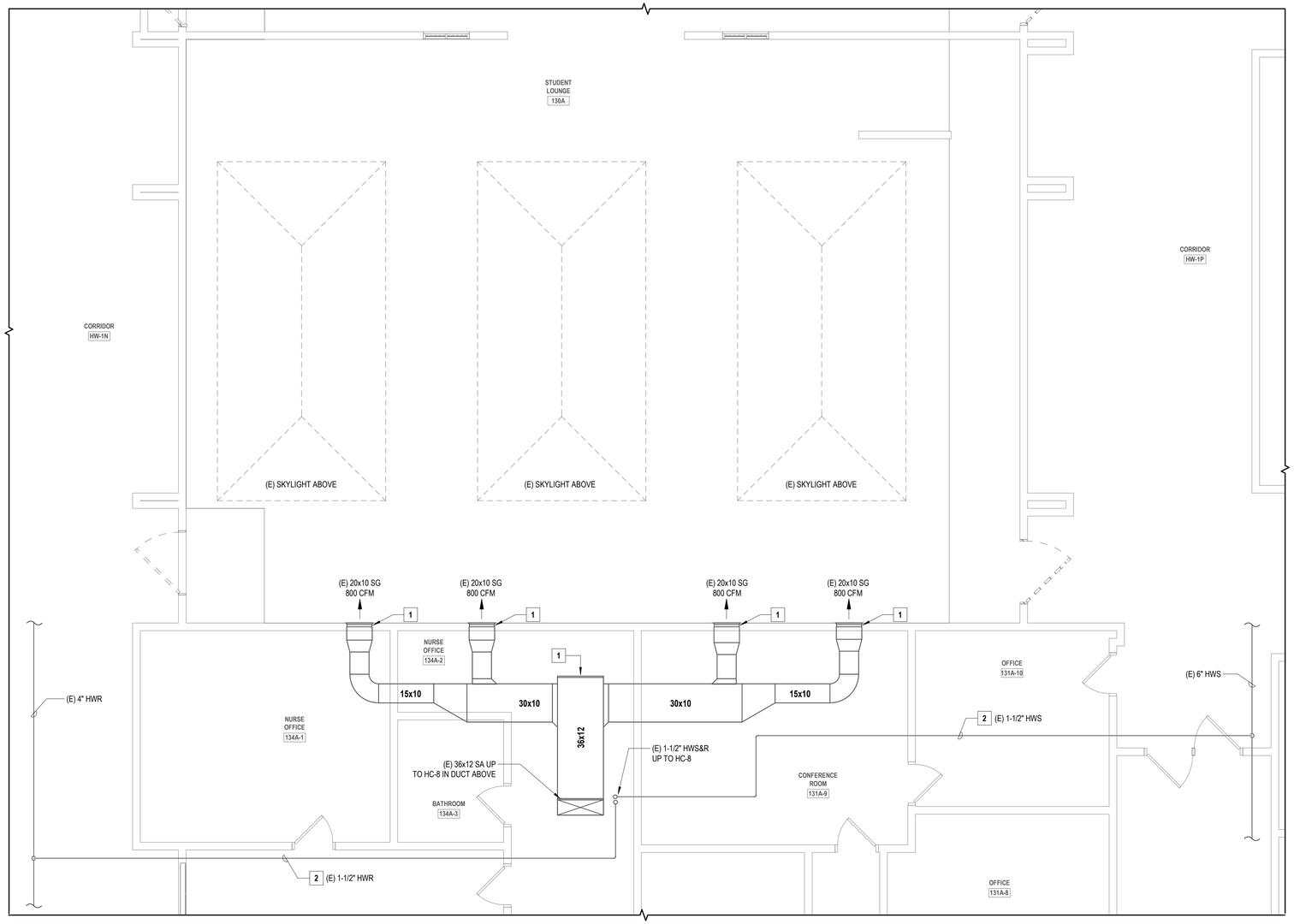

1 **PARTIAL FIRST FLOOR EXISTING PLAN - STUDENT LOUNGE LOWER LEVEL (FOR REFERENCE ONLY)**
SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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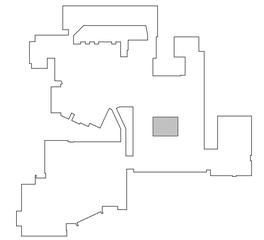
X MECHANICAL DEMOLITION KEYNOTES

1. THE SUPPLY AIR DUCTWORK AND SUPPLY GRILLES SERVING THE STUDENT LOUNGE SHALL BE EXISTING TO REMAIN. AIRFLOWS ARE SHOWN FOR REFERENCE AND BALANCING PURPOSES.
2. THE HOT WATER SUPPLY AND RETURN PIPING SERVING HOT WATER COIL "HC-8" SHALL BE EXISTING TO REMAIN.



KEY PLAN
SCALE: 1" = 160'-0"

PROJECT NORTH

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STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

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Exp. Date

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120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT M
MECHANICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
MECHANICAL
PARTIAL FIRST FLOOR EXISTING PLAN - AREA B

DRAWING No.
HS-MD 114.00

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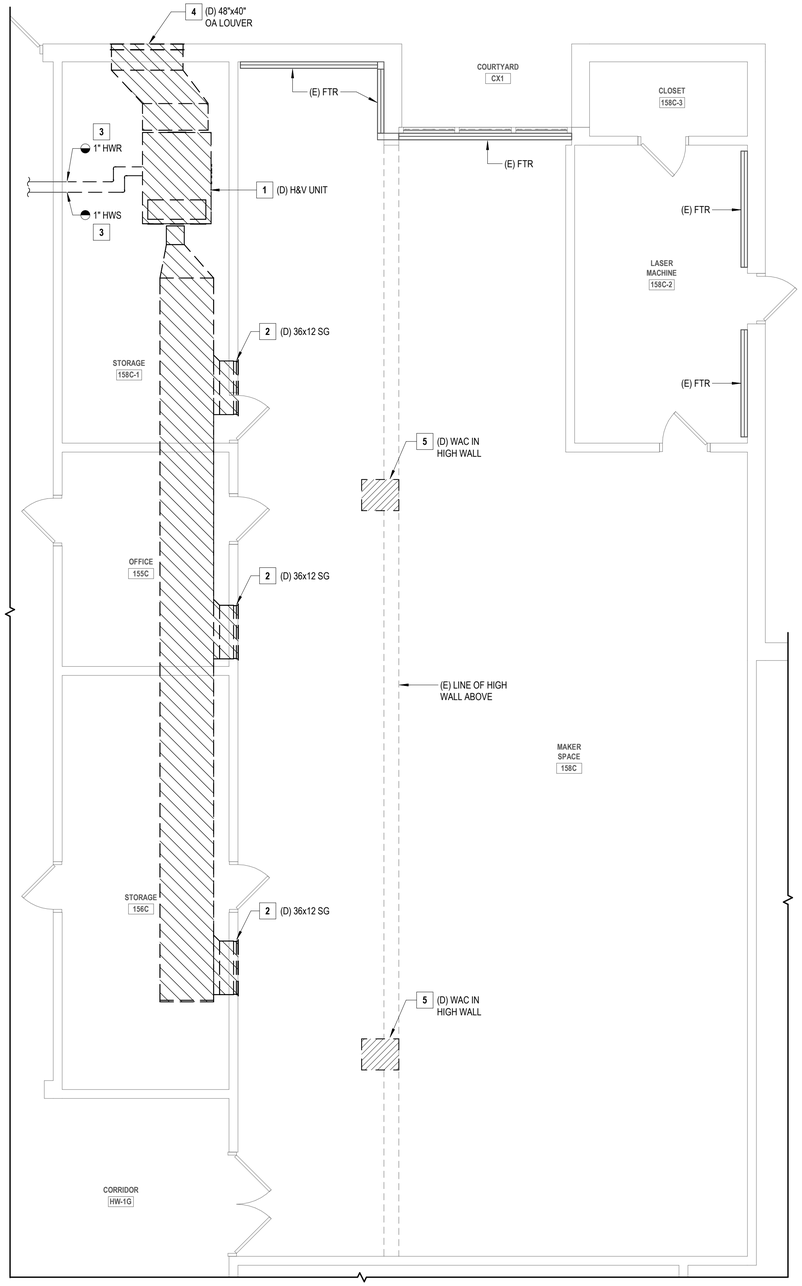

1 PARTIAL FIRST FLOOR DEMOLITION PLAN - ENGINEERING LAB

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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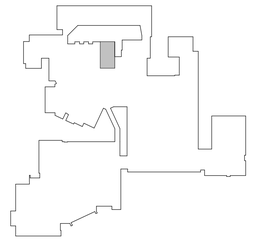
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE WALL SUPPLY GRILLES IN APPROXIMATELY THIS LOCATION.
3. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE INDICATED OUTSIDE AIR INTAKE LOUVER, WALL SLEEVE, AND RELATED APPURTENANCES.
5. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE WINDOW AIR CONDITIONING (WAC) UNITS IN APPROXIMATELY THIS LOCATION.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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CONSULTANTS:

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

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SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA B

DRAWING No.

HS-MD 115.00

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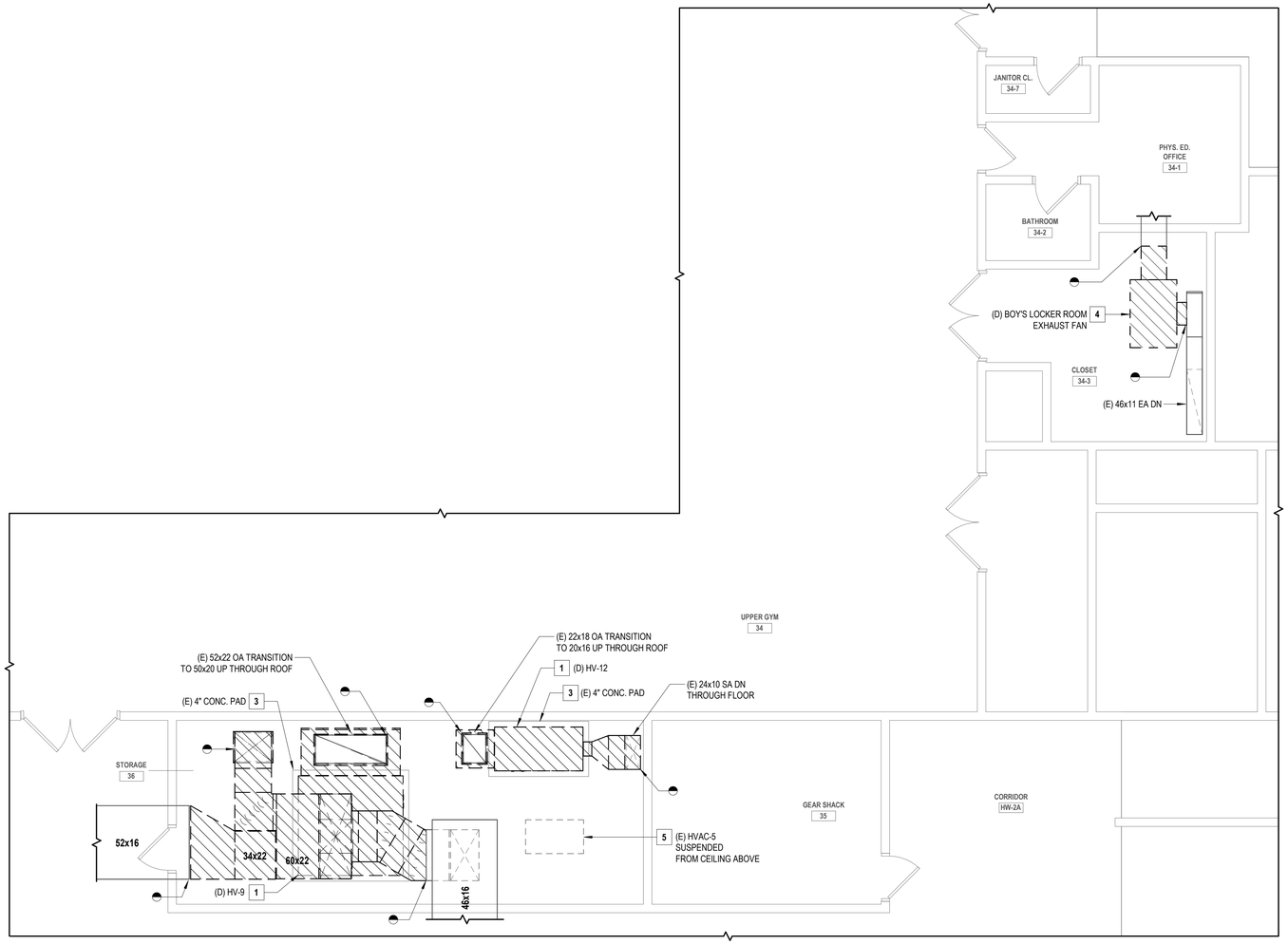
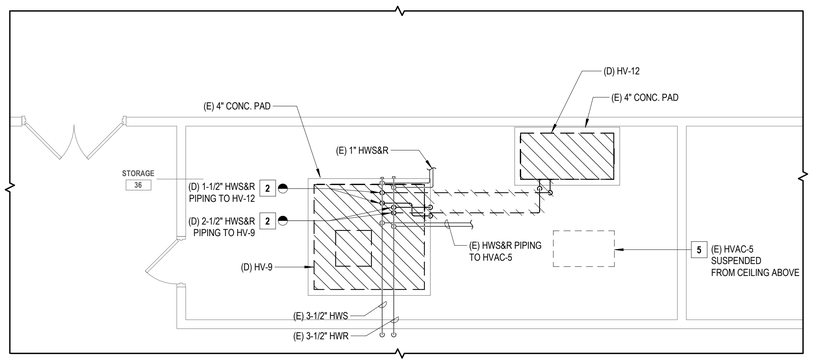


1 PARTIAL SECOND FLOOR DUCTWORK DEMOLITION PLAN - GYM STORAGE ROOMS

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING DEMOLITION PLAN - GYM STORAGE ROOMS

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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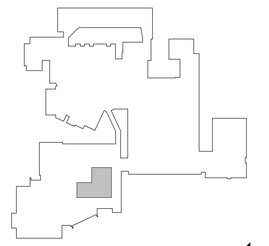
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE EXISTING H&V UNIT CONCRETE HOUSEKEEPING PAD SHALL BE EXISTING TO REMAIN. THE CONTRACTOR SHALL CLEAN, PATCH, AND REPAIR THE CONCRETE PAD AFTER DEMOLITION WORK HAS BEEN COMPLETED, AND PRIOR TO INSTALLATION OF THE NEW REPLACEMENT H&V UNIT.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING LOCKER ROOM EXHAUST FAN IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED EXHAUST DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
5. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

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CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR
DEMOLITION PLAN - AREA A

DRAWING No.

HS-MD 116.00

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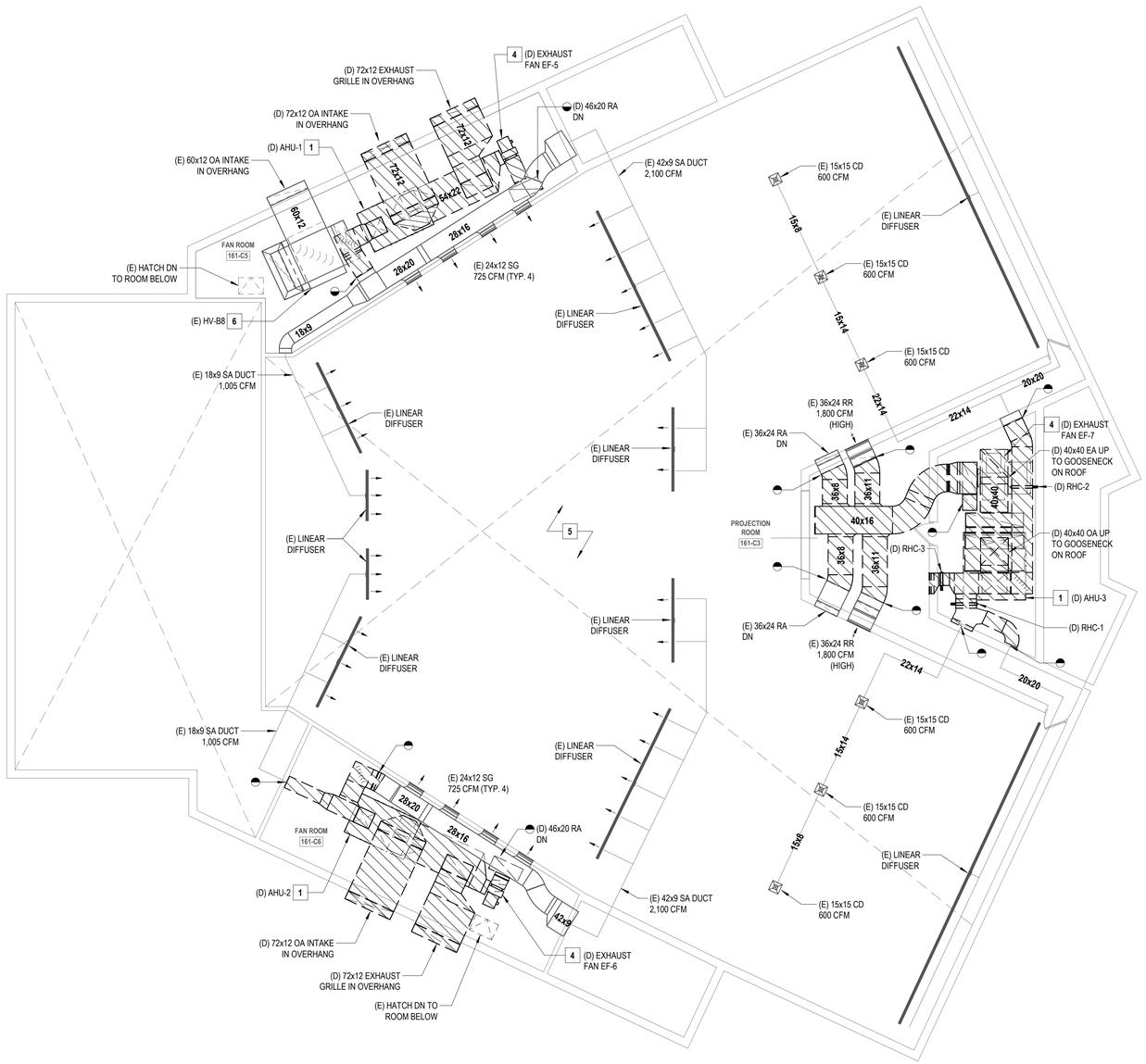
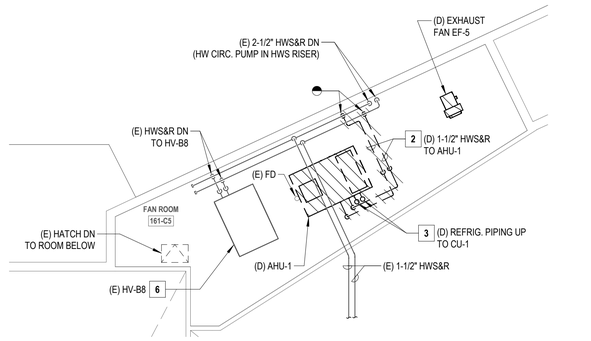


1 PARTIAL SECOND FLOOR DEMOLITION PLAN - AUDITORIUM UPPER LEVEL - DUCTWORK PLAN

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

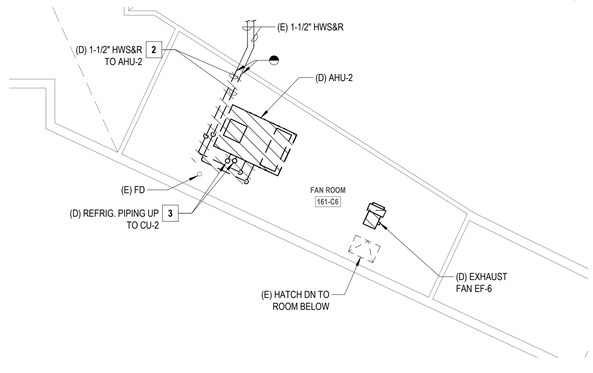
PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING DEMOLITION PLAN - AHU-1

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

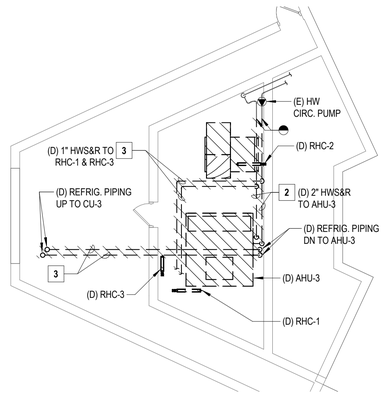
PROJECT NORTH



3 PARTIAL SECOND FLOOR PIPING DEMOLITION PLAN - AHU-2

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

PROJECT NORTH



4 PARTIAL SECOND FLOOR PIPING DEMOLITION PLAN - AHU-3

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

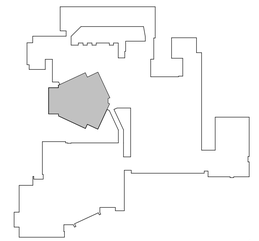
PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND / OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT / ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING AIR HANDLING UNIT AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED SUPPLY/RETURN/OUTSIDE AIR DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE REFRIGERANT PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING RETURN FAN AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
5. THE SUPPLY AIR DUCTWORK, LINEAR DIFFUSERS, CEILING DIFFUSERS, RETURN DUCTWORK, AND RETURN GRILLES SERVING THE AUDITORIUM SHALL BE EXISTING TO REMAIN. AIRFLOWS ARE SHOWN FOR REFERENCE AND BALANCING PURPOSES ONLY.
6. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028 Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR
DEMOLITION PLAN - AREA B

DRAWING No.

HS-MD 117.00

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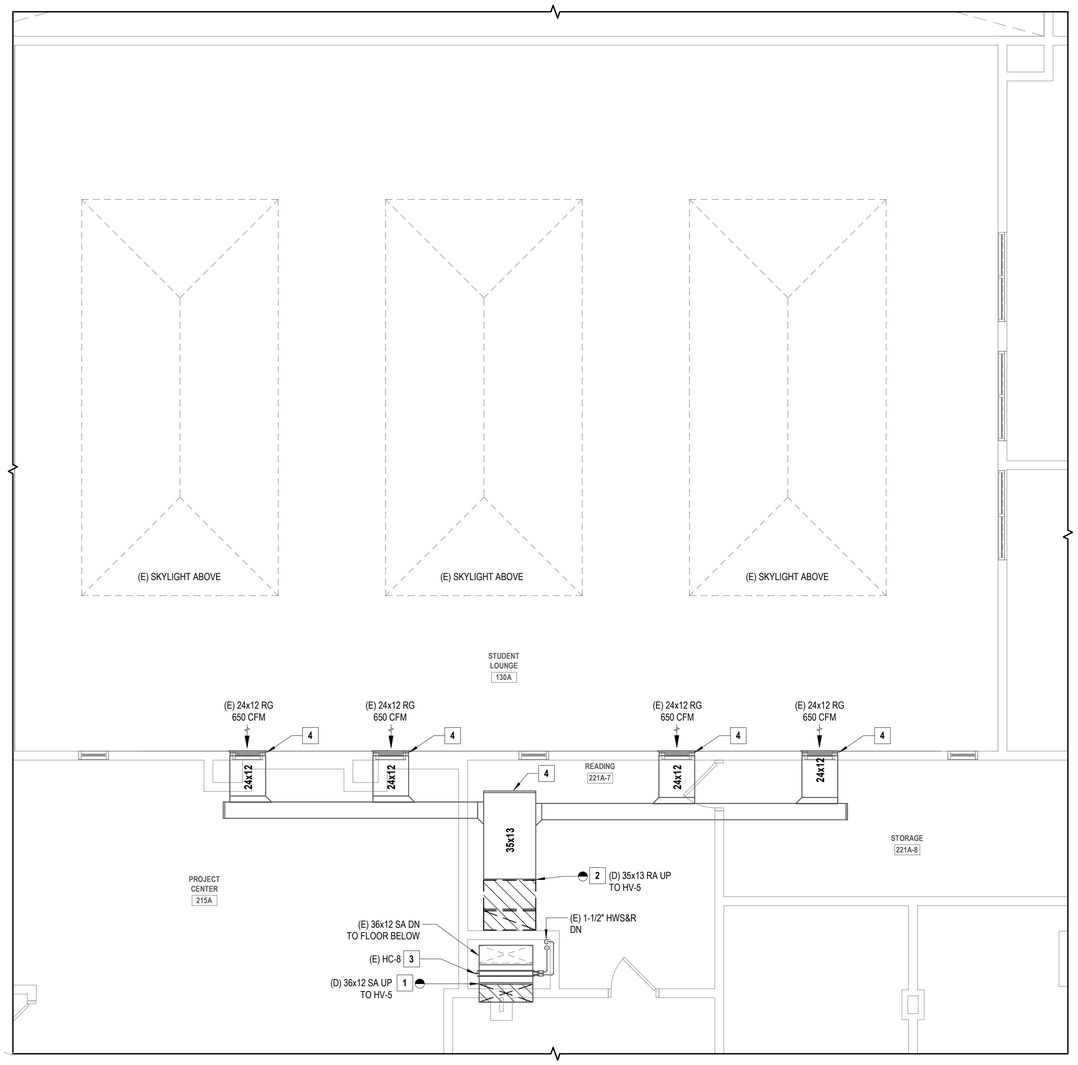

1 PARTIAL SECOND FLOOR DEMOLITION PLAN - STUDENT LOUNGE UPPER LEVEL

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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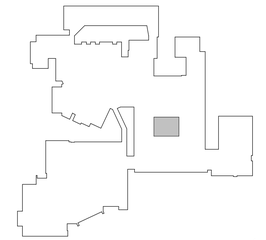
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

[X] MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING SUPPLY DUCTWORK, HANGERS, SUPPORTS, INSULATION, AND RELATED APPURTENANCES ASSOCIATED WITH EXISTING H&V UNIT "HV-5". TEMPORARILY CAP DUCTWORK AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING RETURN DUCTWORK, HANGERS, SUPPORTS, INSULATION, AND RELATED APPURTENANCES ASSOCIATED WITH EXISTING H&V UNIT "HV-5". TEMPORARILY CAP DUCTWORK AT THE POINTS INDICATED ON THE DRAWINGS.
3. HOT WATER COIL "HC-8" SHALL BE EXISTING TO REMAIN.
4. THE RETURN AIR DUCTWORK AND RETURN GRILLES SERVING THE STUDENT LOUNGE SHALL BE EXISTING TO REMAIN. AIRFLOWS ARE SHOWN FOR REFERENCE AND BALANCING PURPOSES.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR
DEMOLITION PLAN - AREA B

DRAWING No.

HS-MD 118.00

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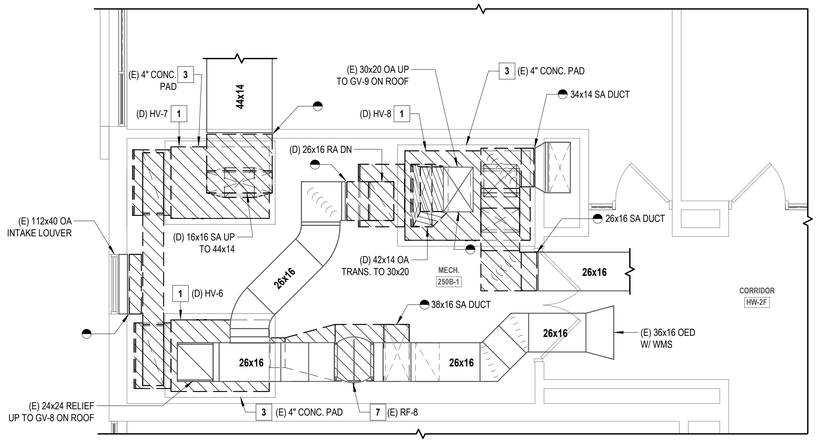
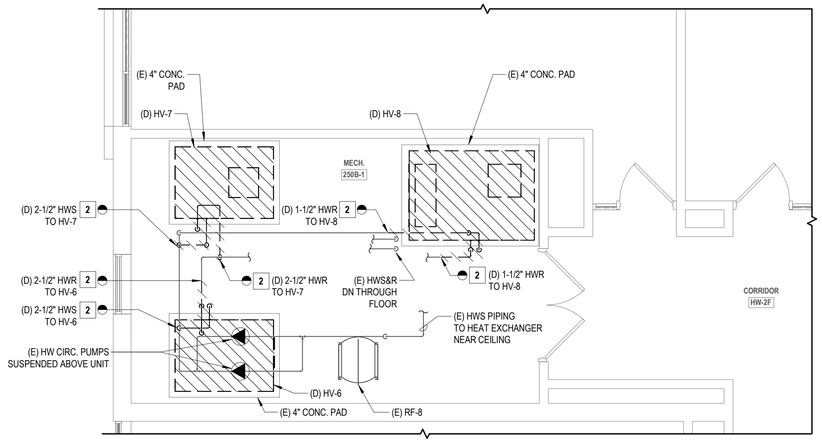


1 PARTIAL SECOND FLOOR DUCTWORK DEMOLITION PLAN - MER 250B-1

SCALE: 1/4" = 1'-0"

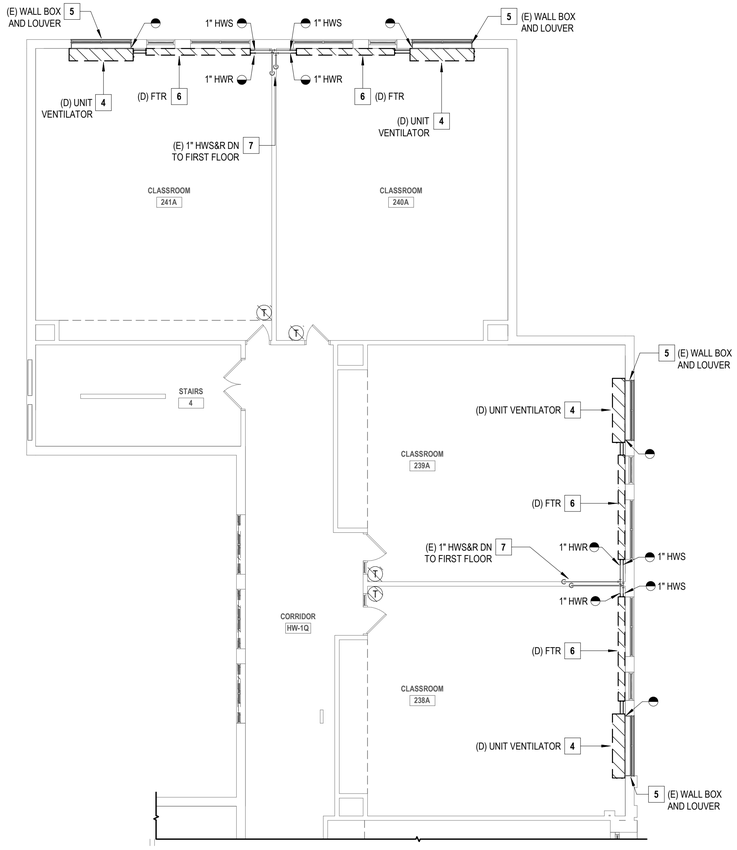
PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING DEMOLITION PLAN - MER 250B-1

SCALE: 1/4" = 1'-0"

PROJECT NORTH



3 PARTIAL SECOND FLOOR DEMOLITION PLAN - CLASSROOMS

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

PROJECT NORTH

GENERAL NOTES

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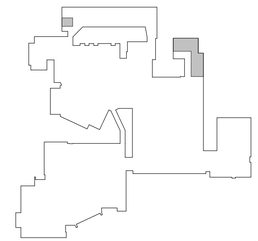
MECHANICAL DEMOLITION KEYNOTES

X

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING H&V UNIT AND ASSOCIATED EQUIPMENT SUPPORTS IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED SUPPLY/RETURN/OUTSIDE AIR DUCTWORK, DUCT SUPPORTS, INSULATION, AND RELATED APPURTENANCES, AND TEMPORARILY CAP DUCTS AT THE POINTS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS.
3. THE EXISTING H&V UNIT CONCRETE HOUSEKEEPING PAD SHALL BE EXISTING TO REMAIN. THE CONTRACTOR SHALL CLEAN, PATCH, AND REPAIR THE CONCRETE PAD AFTER DEMOLITION WORK HAS BEEN COMPLETED, AND PRIOR TO INSTALLATION OF THE NEW REPLACEMENT H&V UNIT.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER UNIT VENTILATOR IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE SUPPORTS, AND RELATED APPURTENANCES, AND TEMPORARILY CAP PIPING AT THE POINTS INDICATED ON THE DRAWINGS. DISCONNECT, REMOVE, AND DISPOSE OF THE ASSOCIATED WALL-MOUNTED THERMOSTAT.
5. THE WALL BOX AND OUTSIDE AIR INTAKE LOUVER ASSOCIATED WITH THE INDICATED UNIT VENTILATOR ARE EXISTING TO REMAIN. THE CONTRACTOR SHALL PROVIDE A TEMPORARY WEATHERPROOF COVER OVER WALL BOX OPENING TO PREVENT INFILTRATION UNTIL THE REPLACEMENT UNIT VENTILATOR IS INSTALLED UNDER THE NEW WORK PHASE OF THIS PROJECT.
6. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING HOT WATER FINNED-TUBE RADIATOR IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING BACK TO POINT INDICATED ON THE DRAWING OR THE ASSOCIATED PIPING MAINS. TEMPORARILY CAP PIPING AT THE POINT INDICATED OR AT THE PIPING MAINS.
7. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B

DRAWING No.

HS-MD 119.00

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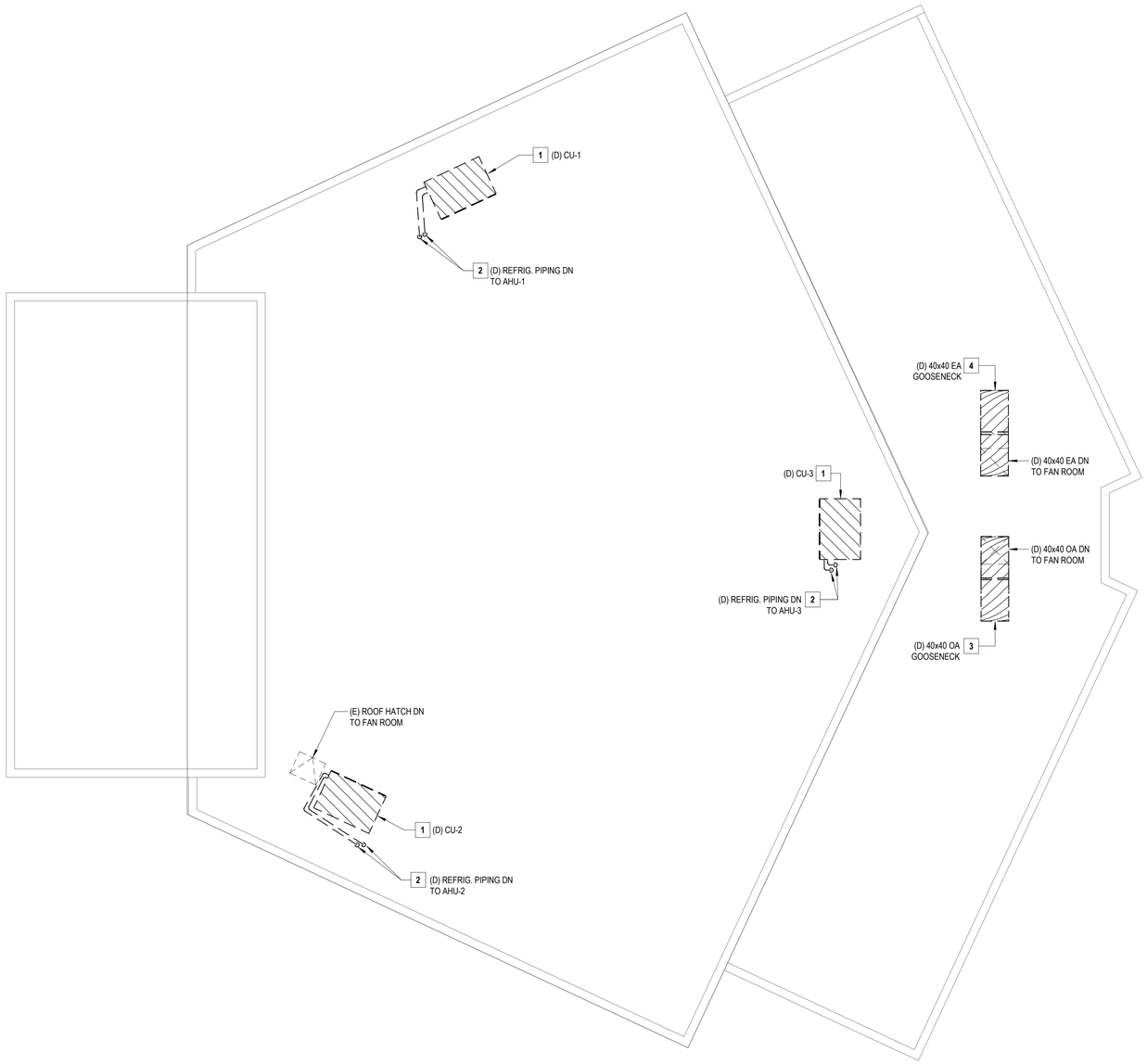

1 PARTIAL ROOF DEMOLITION PLAN - AUDITORIUM ROOF

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

PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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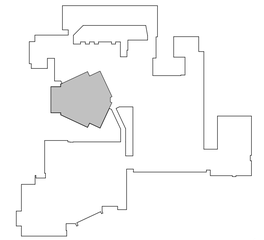
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS PER THEIR SCOPE OF WORK.

X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF EXISTING CONDENSING UNIT IN APPROXIMATELY THIS LOCATION. DISCONNECT, REMOVE, AND DISPOSE OF ASSOCIATED ROOFTOP EQUIPMENT RAILS.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE REFRIGERANT PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES.
3. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE GOOSENECK OUTSIDE AIR INTAKE VENT ASSOCIATED WITH AHU-3.
4. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXHAUST GOOSENECK EXHAUST VENT ASSOCIATED WITH AHU-3.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
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SOMERS CENTRAL SCHOOL DISTRICT

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120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL ROOF DEMOLITION PLAN

DRAWING No.

HS-MD 120.00

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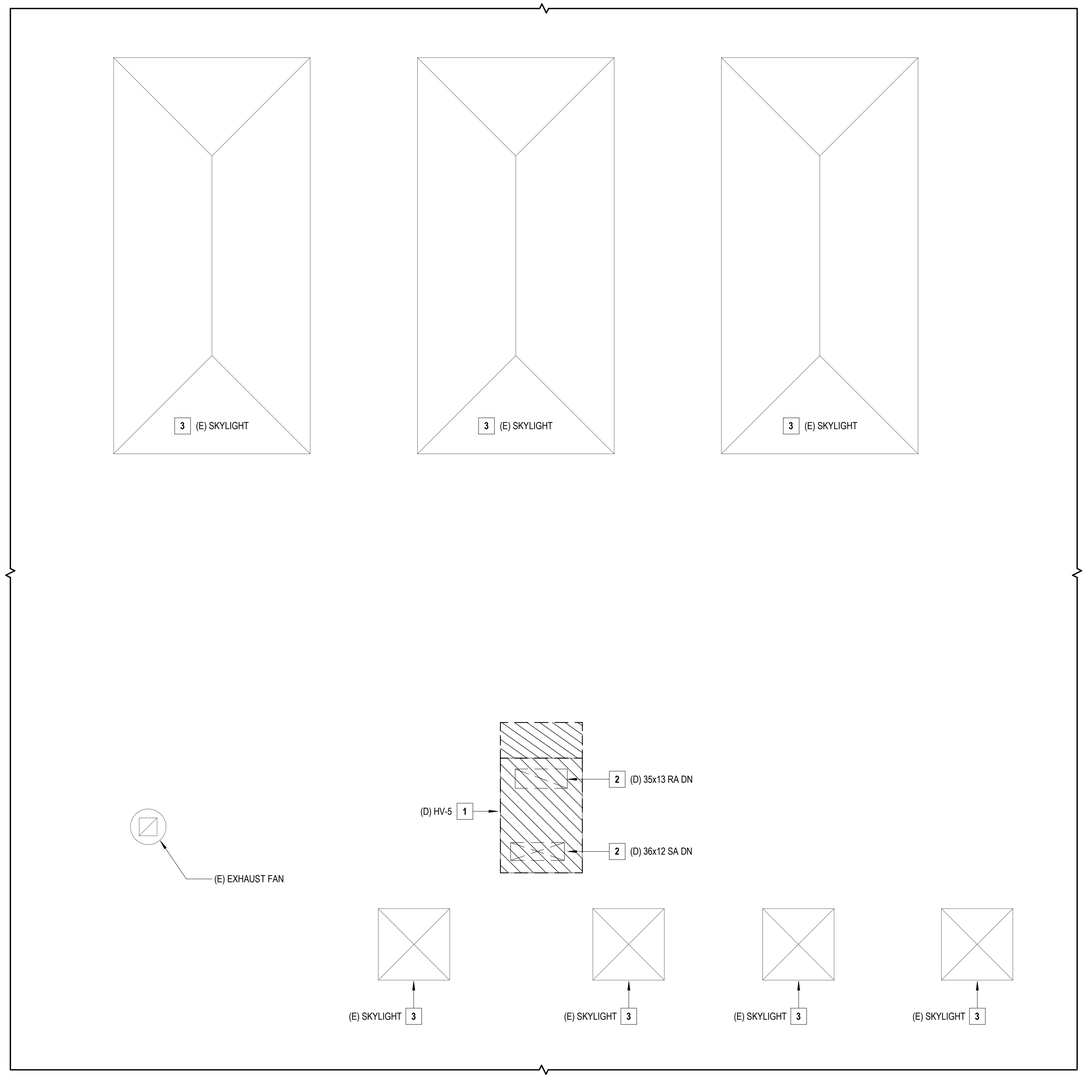

1 PARTIAL ROOF DEMOLITION PLAN - STUDENT LOUNGE ROOF

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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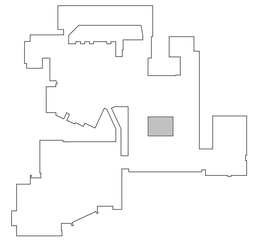
X MECHANICAL DEMOLITION KEYNOTES

1. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF EXISTING ROOFTOP UNIT "HV-5" AND ASSOCIATED ROOF CURB SERVING THE STUDENT LOUNGE. DISCONNECT, REMOVE, AND DISPOSE OF ALL ASSOCIATED UNIT CONTROLS, CONTROL PANELS, THERMOSTATS, ETC.
2. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF THE EXISTING SUPPLY AND RETURN AIR DUCTWORK SERVING EXISTING ROOFTOP UNIT "HV-5".
3. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

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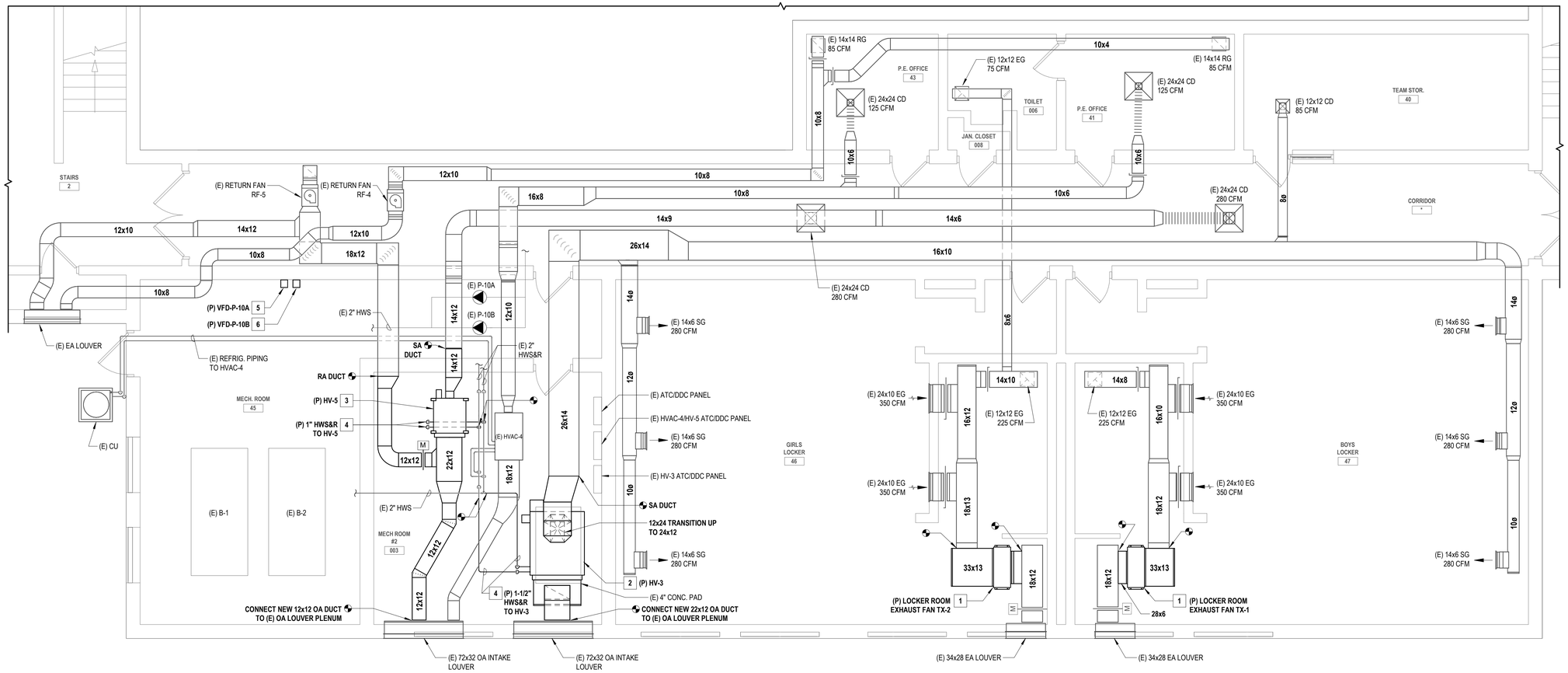

1 PARTIAL BASEMENT NEW WORK PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND THE PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT. THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW IN-LINE ABOVE-CEILING EXHAUST FAN IN APPROXIMATELY THIS LOCATION TO SERVE THE LOCKER ROOM. SEE EQUIPMENT SCHEDULE FOR MORE INFORMATION. INTERFACE THE FAN WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT H&V UNIT IN APPROXIMATELY THIS LOCATION. INSTALL UNIT ON EXISTING CONCRETE HOUSEKEEPING PAD ON APPROVED VIBRATION / SPRING ISOLATORS. THE CONTRACTOR SHALL MODIFY / EXTEND THE EXISTING CONCRETE PAD AS REQUIRED, SUCH THAT THE CONCRETE PAD EXTENDS A MINIMUM OF 4" BEYOND THE FACE OF THE UNIT. RE-CONNECT THE UNIT TO THE EXISTING DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT H&V UNIT SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
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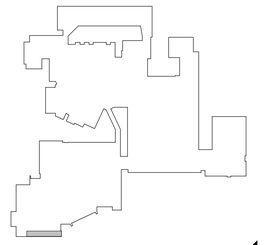
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO RECONNECT THE NEW REPLACEMENT H&V UNIT INTO THE EXISTING HYDRONIC HEATING SYSTEM. SIZE NEW PIPING AS INDICATED ON THE DRAWINGS. FIELD-VERIFY FINAL ROUTING OF PIPING.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 3 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-10A". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM. PROVIDE ALL REQUIRED LOW-VOLTAGE CONTROL WIRING IN ORDER TO RECONNECT THE VFD.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 3 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-10B". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM. PROVIDE ALL REQUIRED LOW-VOLTAGE CONTROL WIRING IN ORDER TO RECONNECT THE VFD.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL BASEMENT NEW WORK PLAN

DRAWING No.

HS-M 110.00

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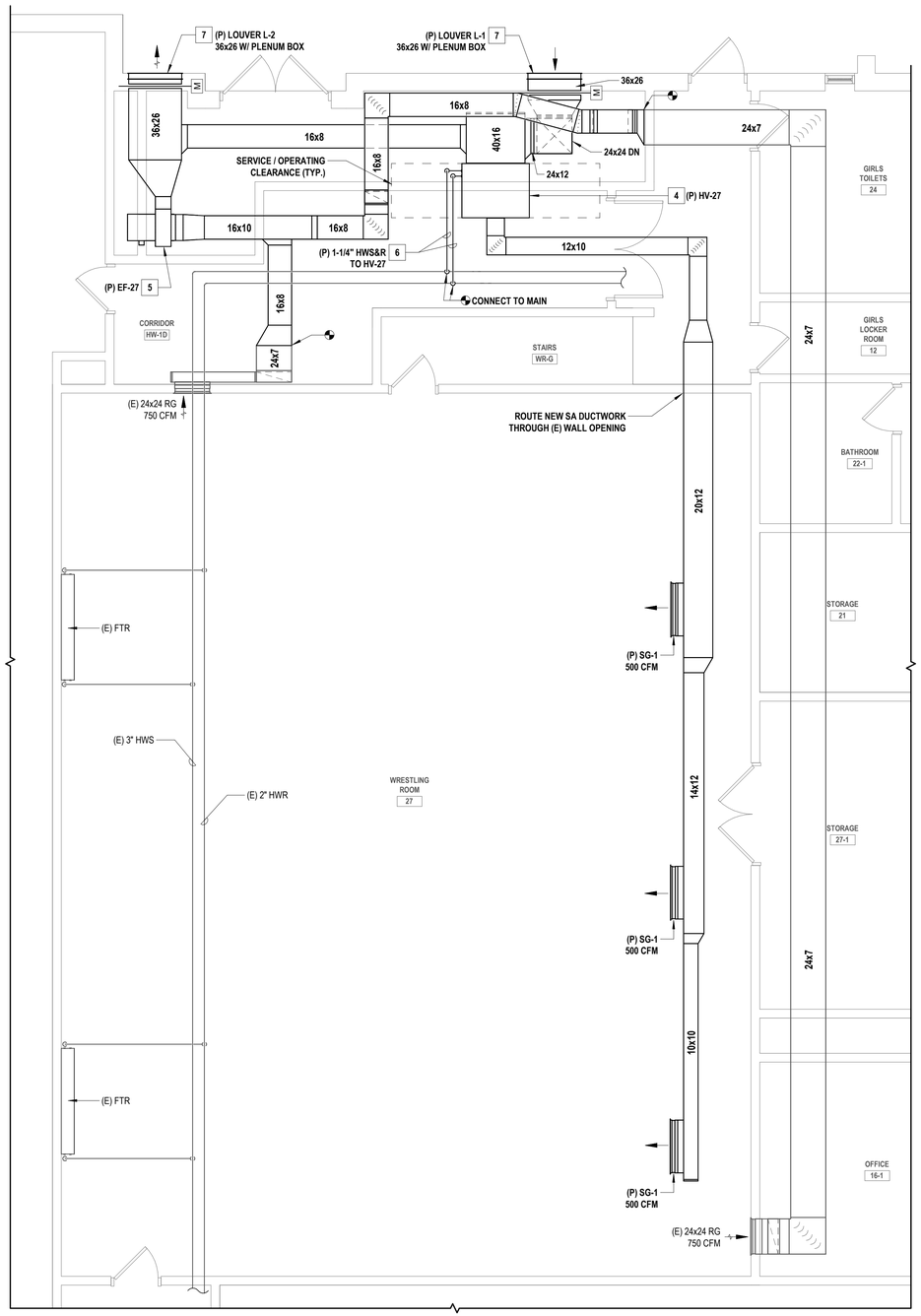
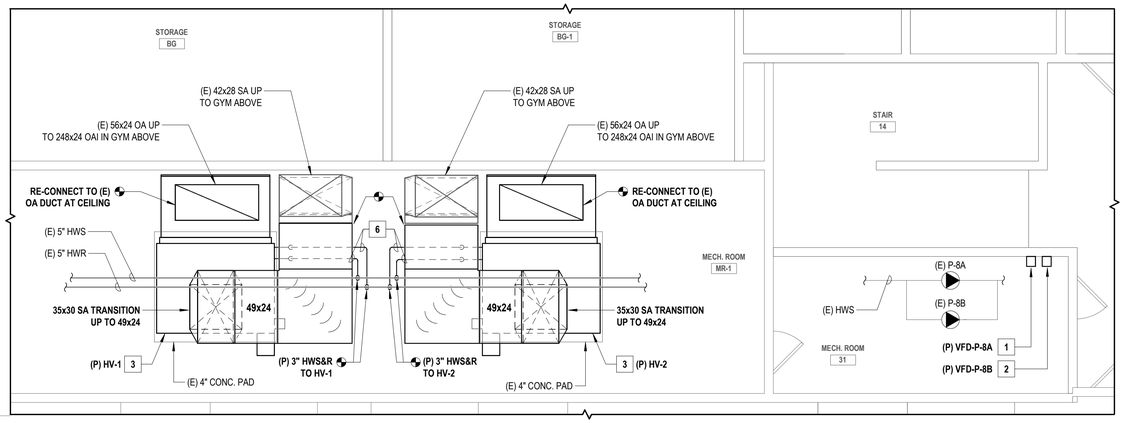


1 PARTIAL FIRST FLOOR NEW WORK PLAN - WRESTLING ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL FIRST FLOOR NEW WORK PLAN - GYM MER MR-1 & MECH. ROOM 31

SCALE: 1/4" = 1'-0"

PROJECT NORTH

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X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 3 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-8A". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 3 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-8B". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
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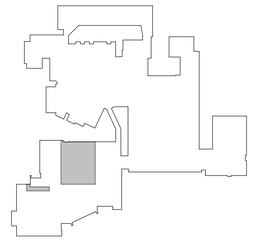
7. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW LOUVER AND WALL SLEEVE IN APPROXIMATELY THIS LOCATION. PROVIDE PLENUM BOX BEHIND LOUVER AS REQUIRED FOR DUCT CONNECTION / TRANSITION.



KEY PLAN

SCALE: 1" = 160'-0"

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CONSULTANTS:

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STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL FIRST FLOOR NEW WORK PLAN - AREA A

DRAWING No.

HS-M 111.00

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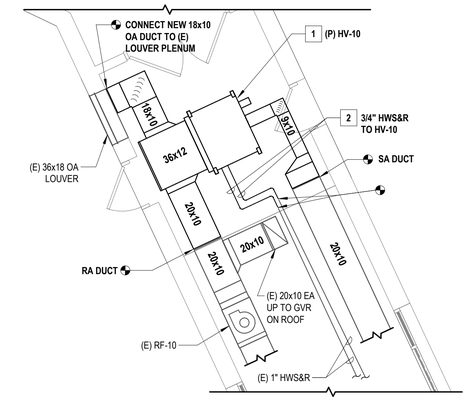
1 PARTIAL FIRST FLOOR NEW WORK PLAN - AUDITORIUM LOWER LEVEL

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

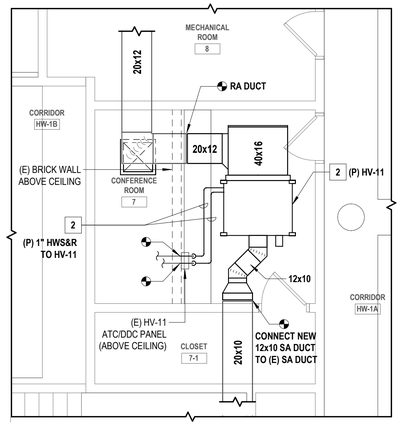
PROJECT NORTH



2 PARTIAL FIRST FLOOR NEW WORK PLAN - CORRIDOR

SCALE: 1/4" = 1'-0"

PROJECT NORTH



3 PARTIAL FIRST FLOOR NEW WORK PLAN - CONFERENCE ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH

X MECHANICAL NEW WORK KEYNOTES

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3. THE RETURN AIR DUCTWORK FOR AIR HANDLING UNITS SERVING THE AUDITORIUM SHALL BE EXISTING TO REMAIN.

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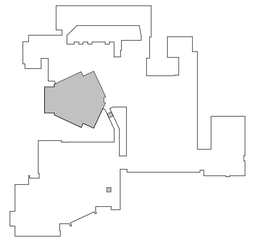

KEY PLAN

SCALE: 1" = 160'-0"

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CONSULTANTS:

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STATE OF NEW YORK
JOHN C. MORRIS III
057554-1
LICENSED PROFESSIONAL ENGINEER

05/31/2028
Exp. Date

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NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B

DRAWING No.

HS-M 112.00

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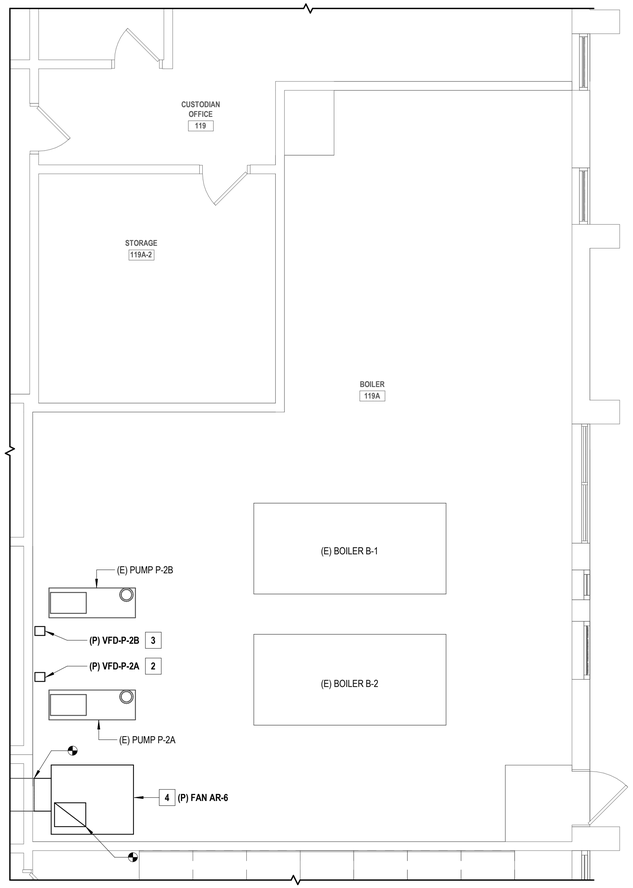
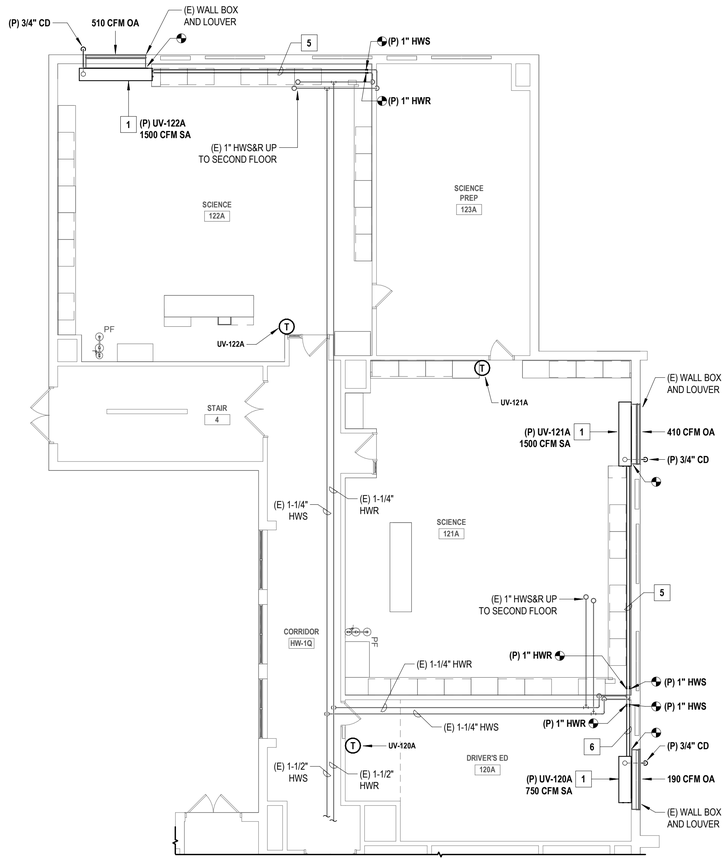


1 PARTIAL FIRST FLOOR NEW WORK PLAN - BOILER ROOM

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL FIRST FLOOR NEW WORK PLAN - CLASSROOMS

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

PROJECT NORTH

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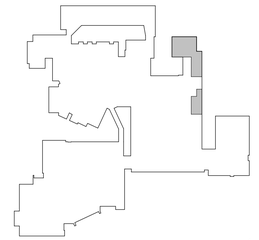
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW FLOOR-MOUNTED HOT WATER UNIT VENTILATOR WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATORS TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENT. UNIT VENTILATOR SHALL BE CONNECTED TO THE EXISTING WALL BOX / LOUVER. PROVIDE EACH UNIT VENTILATOR WITH A REMOTE, WALL-MOUNTED THERMOSTAT. FURNISH AND INSTALL ALL REQUIRED HOT WATER SUPPLY AND RETURN PIPING, VALVES, FITTINGS, AND ALL REQUIRED APPURTENANCES. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. COORDINATE FINAL INSTALLATION LOCATION WITH ARCHITECTURAL DRAWINGS AND EXISTING / NEW CASEWORK. INTERFACE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 15 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-2A". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW 5 HP VARIABLE FREQUENCY DRIVE (VFD) TO SERVE THE EXISTING PUMP "P-2B". EXACT INSTALLATION LOCATION OF THE NEW VFD SHALL BE FIELD COORDINATED BY THE CONTRACTOR TO MAINTAIN ALL MANUFACTURER AND CODE REQUIRED CLEARANCES. INTERFACE THE VFD WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT FAN "AR-6" IN APPROXIMATELY THIS LOCATION. FAN SHALL BE SUSPENDED FROM THE CEILING ABOVE FROM APPROVED VIBRATION / SPRING ISOLATORS. RE-CONNECT THE FAN TO THE EXISTING AND NEW DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT FAN SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
5. NEW HOT WATER SUPPLY AND RETURN PIPING SERVING THE NEW REPLACEMENT UNIT VENTILATORS SHALL BE ROUTED UNDERNEATH THE NEW CASEWORK. ALL PIPING CONNECTIONS TO THE NEW UNIT VENTILATOR SHALL BE CONCEALED WITHIN A NEW CASEWORK ENDCAP ENCLOSURE. COORDINATE FINAL CASEWORK LOCATION WITH THE GC.
6. NEW HOT WATER SUPPLY AND RETURN PIPING SERVING THE NEW REPLACEMENT UNIT VENTILATOR SHALL BE INSTALLED WITHIN AN APPROVED ARCHITECTURAL ENCLOSURE FOR THE PURPOSES OF CONCEALING THE PIPING. COORDINATE WITH THE GC.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
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NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT M
MECHANICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
MECHANICAL
PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B

DRAWING No.
HS-M 113.00

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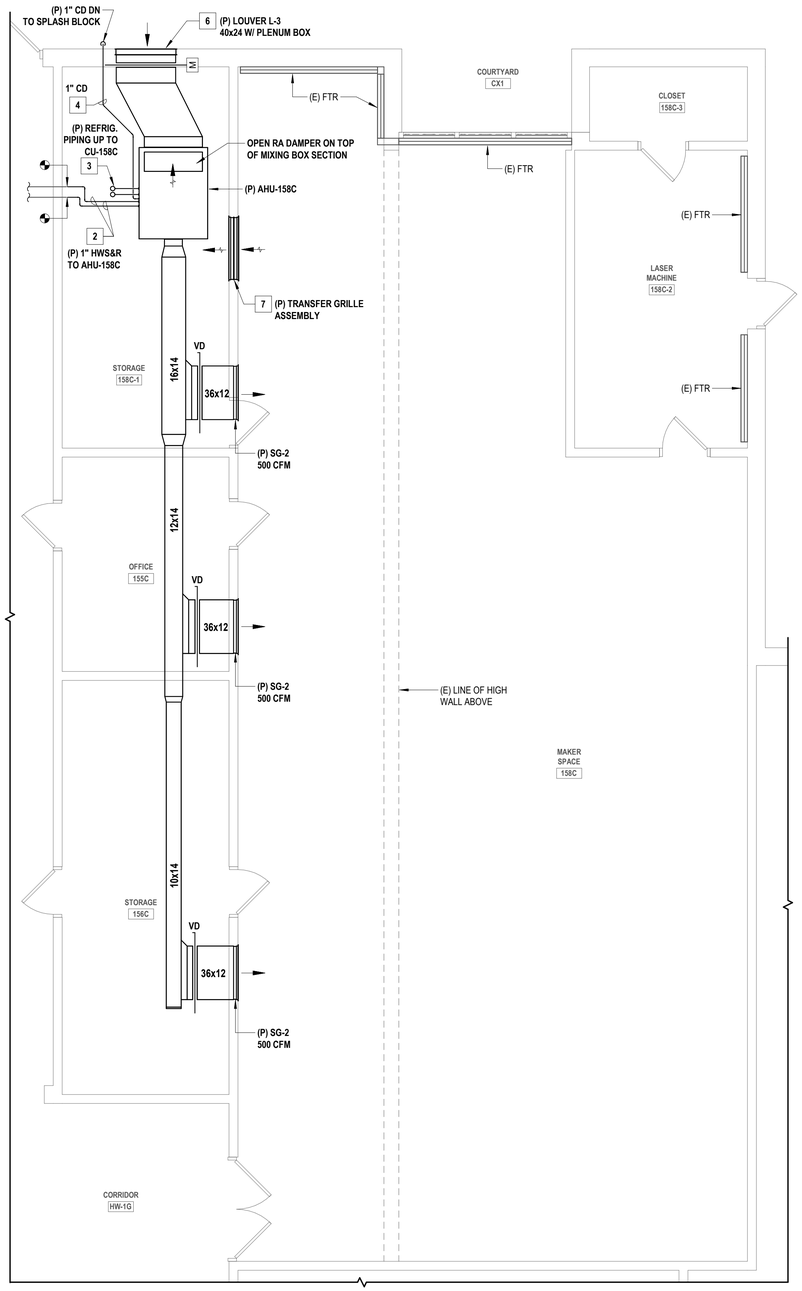
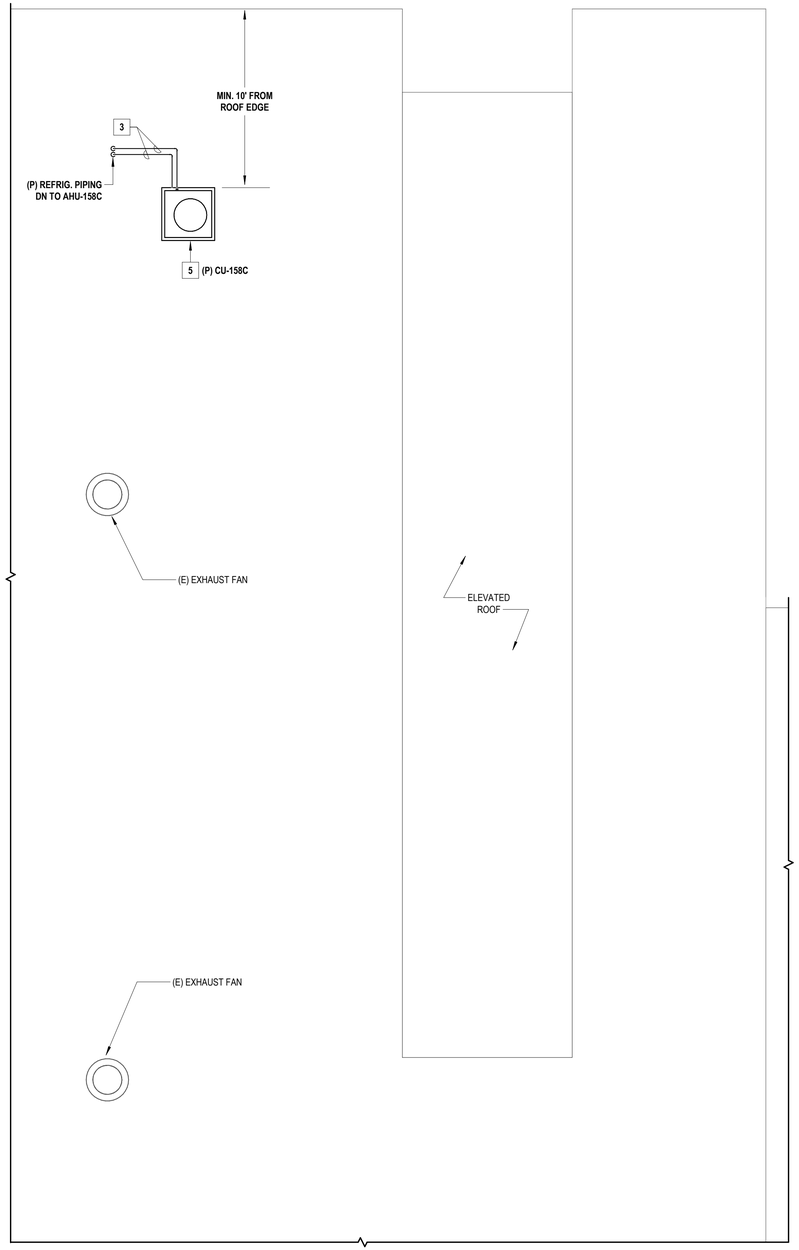


1 PARTIAL FIRST FLOOR NEW WORK PLAN - ENGINEERING LAB

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL ROOF NEW WORK PLAN - ENGINEERING LAB

SCALE: 1/4" = 1'-0"

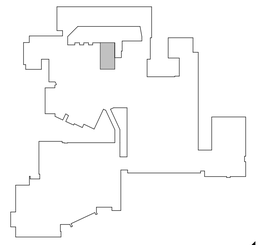
PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND THE PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT. THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE OF THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW AIR HANDLING UNIT IN APPROXIMATELY THIS LOCATION. UNIT SHALL BE SUSPENDED FROM THE CEILING ABOVE FROM APPROVED VIBRATION / SPRING ISOLATORS. INTERFACE THE NEW UNIT WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO RECONNECT THE NEW AIR HANDLING UNIT INTO THE EXISTING HYDRONIC HEATING SYSTEM. SIZE NEW PIPING AS INDICATED ON THE DRAWINGS. FIELD-VERIFY FINAL ROUTING OF PIPING.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REFRIGERANT PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO CONNECT THE NEW AIR HANDLING UNIT TO THE ASSOCIATED CONDENSING UNIT AS INDICATED ON THE DRAWINGS. PROVIDE ROOFTOP PIPING SUPPORTS MINIMUM EVERY 10 FEET AND CHANGE IN DIRECTION. PROVIDE PIPE PORTAL / PIPE CURB ASSEMBLY (MANUFACTURED BY PATE, SIGRIST, OR APPROVED EQUAL) AND INSTALL AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 1" CONDENSATE DRAIN PIPING FOR THE NEW AIR HANDLING UNIT. CONDENSATE DRAIN TRAP SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. CONDENSATE SHALL DISCHARGE TO THE BUILDING EXTERIOR TO A NEW PRE-CAST SPLASH BLOCK. PROVIDE PIPING HANGERS AND SUPPORTS AS REQUIRED.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CONDENSING UNIT IN APPROXIMATELY THIS LOCATION. INSTALL UNIT ON APPROVED WIND-RATED ROOFTOP EQUIPMENT SUPPORT RAILS. INTERFACE THE CONDENSING UNIT WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW OUTSIDE AIR INTAKE LOUVER AND WALL SLEEVE IN APPROXIMATELY THIS LOCATION. PROVIDE PLENUM BOX BEHIND LOUVER AS REQUIRED FOR DUCT CONNECTION / TRANSITION.
7. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TRANSFER GRILLE ASSEMBLY FOR MOVEMENT OF RETURN AIR BACK TO AHU-158C. ASSEMBLY SHALL CONSIST OF TWO (2) TRANSFER GRILLES CONNECTED VIA A SHEET METAL WALL SLEEVE.



KEY PLAN

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05/31/2028
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J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL PARTIAL FIRST FLOOR NEW WORK PLAN - AREA B

DRAWING No.

HS-M 114.00

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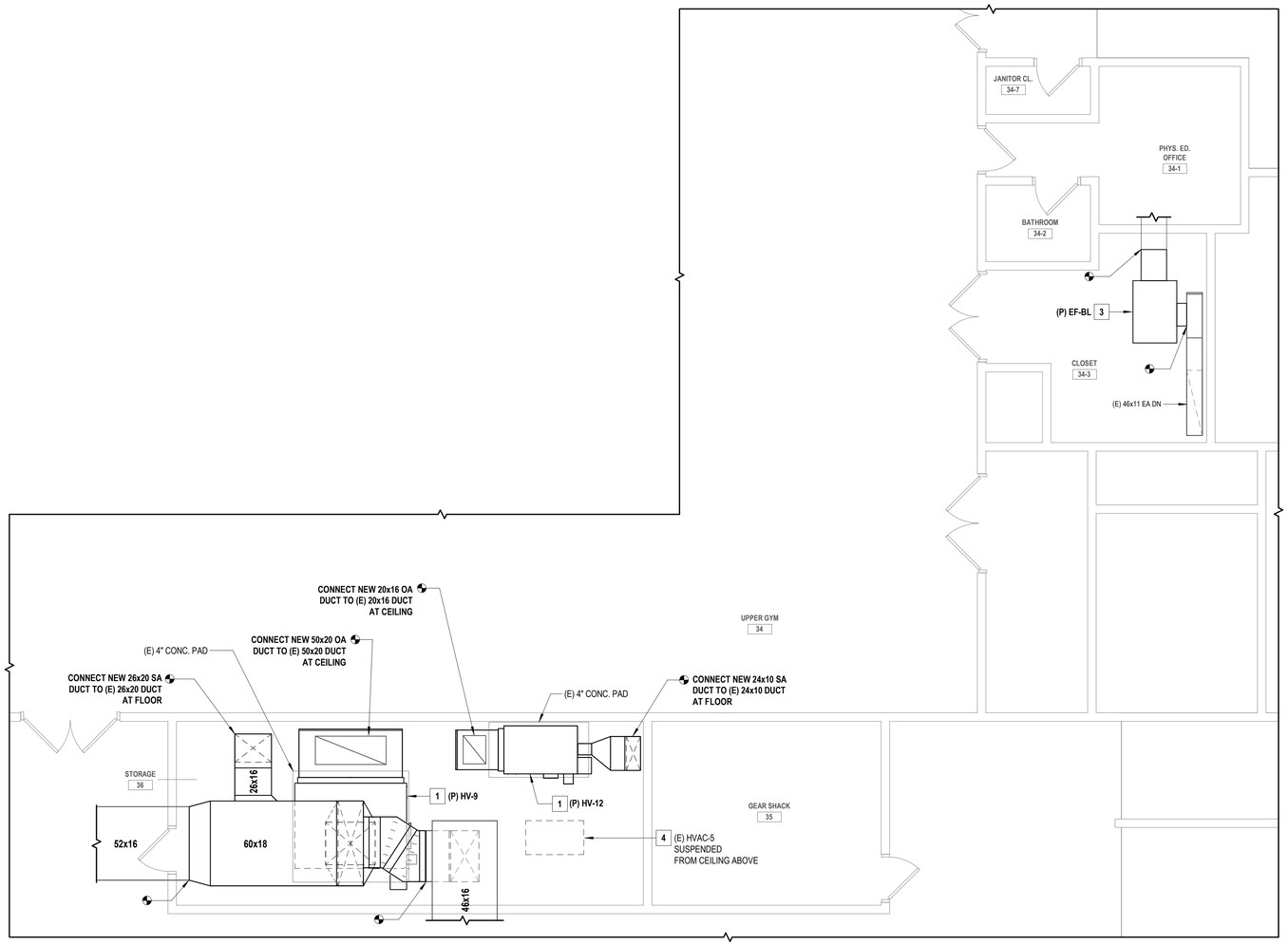
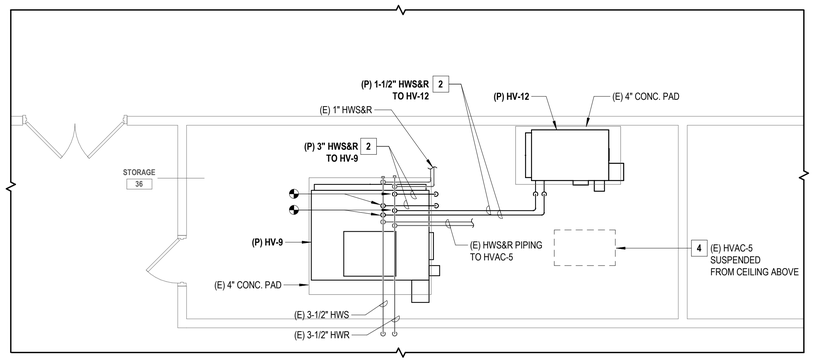


1 PARTIAL SECOND FLOOR DUCTWORK PLAN - GYM STORAGE ROOMS

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING PLAN - GYM STORAGE ROOMS

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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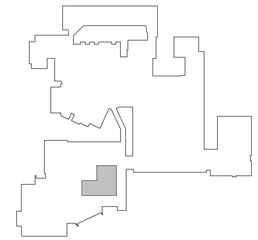
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE OF THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT H&V UNIT IN APPROXIMATELY THIS LOCATION. INSTALL UNIT ON EXISTING CONCRETE HOUSEKEEPING PAD ON APPROVED VIBRATION / SPRING ISOLATORS. THE CONTRACTOR SHALL MODIFY / EXTEND THE EXISTING CONCRETE PAD AS REQUIRED, SUCH THAT THE CONCRETE PAD EXTENDS A MINIMUM OF 4" BEYOND THE FACE OF THE UNIT. RE-CONNECT THE UNIT TO THE EXISTING DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT H&V UNIT SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO RECONNECT THE NEW REPLACEMENT H&V UNIT INTO THE EXISTING HYDRONIC HEATING SYSTEM. SIZE NEW PIPING AS INDICATED ON THE DRAWINGS. FIELD-VERIFY FINAL ROUTING OF PIPING.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT LOCKER ROOM EXHAUST FAN IN APPROXIMATELY THIS LOCATION. FAN SHALL BE SUSPENDED FROM THE CEILING ABOVE FROM APPROVED VIBRATION / SPRING ISOLATORS. RE-CONNECT THE FAN TO THE EXISTING AND NEW DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT FAN SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
4. EXISTING TO REMAIN.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR NEW WORK PLAN - AREA A

DRAWING No.

HS-M 115.00

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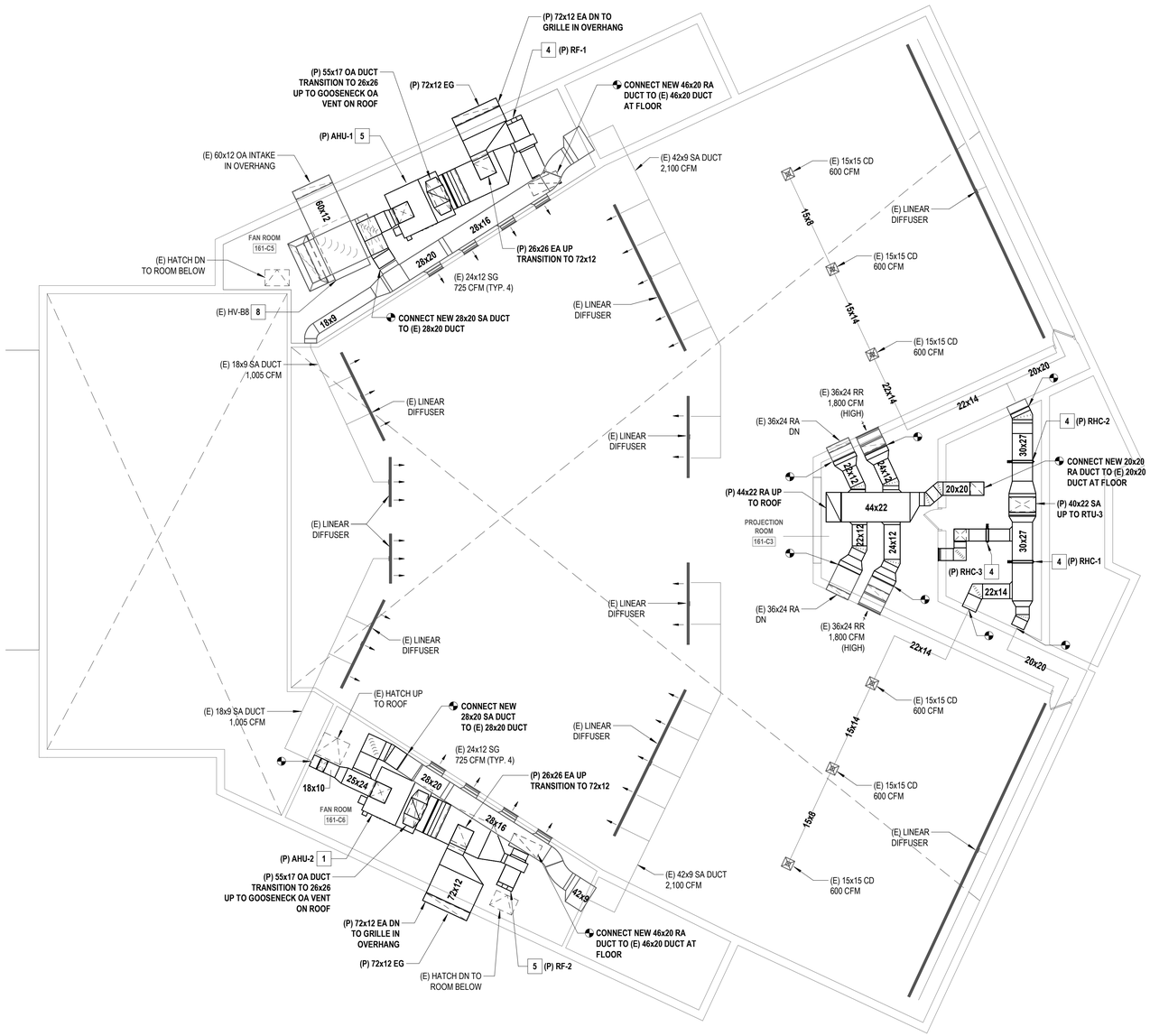
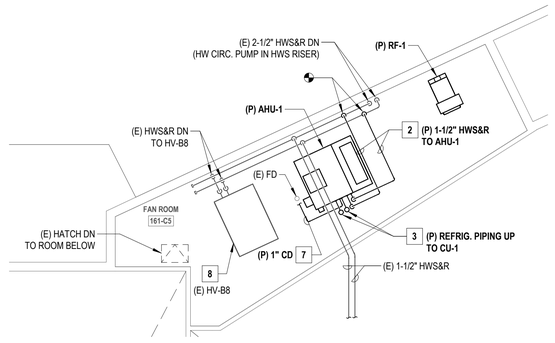


1 PARTIAL SECOND FLOOR NEW WORK PLAN - AUDITORIUM UPPER LEVEL - DUCTWORK PLAN

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

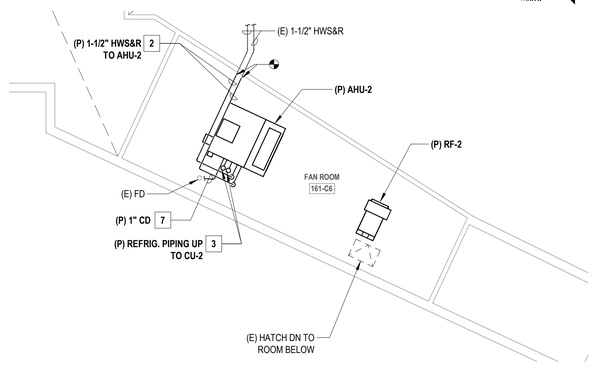
PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING NEW WORK PLAN - AHU-1

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

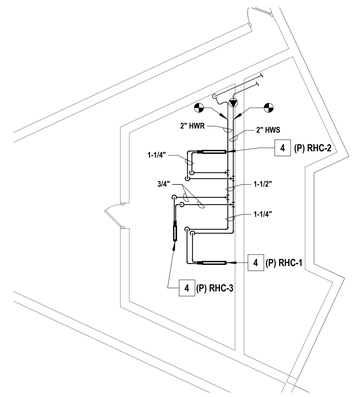
PROJECT NORTH



3 PARTIAL SECOND FLOOR PIPING NEW WORK PLAN - AHU-2

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

PROJECT NORTH



4 PARTIAL SECOND FLOOR PIPING NEW WORK PLAN - AHU-3

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

PROJECT NORTH

GENERAL NOTES

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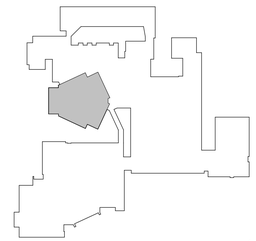
2. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE OF THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT INDOOR AIR HANDLING UNIT IN APPROXIMATELY THIS LOCATION. UNIT SHALL BE MOUNTED TO THE FLOOR ON APPROVED VIBRATION / SPRING ISOLATORS. RE-CONNECT THE UNIT TO THE EXISTING DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT INDOOR AIR HANDLING UNIT SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO RECONNECT THE NEW REPLACEMENT AIR HANDLING UNIT INTO THE EXISTING HYDRONIC HEATING SYSTEM. SIZE NEW PIPING AS INDICATED ON THE DRAWINGS. FIELD-VERIFY FINAL ROUTING OF PIPING.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REFRIGERANT PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO CONNECT THE NEW REPLACEMENT AIR HANDLING UNIT TO THE ASSOCIATED CONDENSING UNIT AS INDICATED ON THE DRAWINGS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW HOT WATER REHEAT COIL IN THE SUPPLY DUCTWORK IN APPROXIMATELY THIS LOCATION. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION. FURNISH AND INSTALL ALL REQUIRED HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS INDICATED ON THE DRAWINGS.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT UTILITY SET RETURN-EXHAUST FAN IN APPROXIMATELY THIS LOCATION. FAN SHALL BE MOUNTED TO THE FLOOR ON APPROVED VIBRATION / SPRING ISOLATORS. RE-CONNECT THE FAN TO THE EXISTING AND NEW DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT FAN SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPLY AND RETURN DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION AND RELATED APPURTENANCES AS INDICATED IN ORDER TO RE-CONNECT THE EXISTING DUCTWORK TO NEW ROOFTOP UNIT "RTU-3". REFER TO DRAWING HS-M120 FOR ROOFTOP UNIT LOCATION.
7. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 1" CONDENSATE DRAIN PIPING TO SERVE THE REPLACEMENT INDOOR AIR HANDLING UNIT. CONDENSATE DRAIN TRAP SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. CONDENSATE SHALL DISCHARGE TO THE INDICATED FLOOR DRAIN.
8. EXISTING TO REMAIN.



KEY PLAN

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FOR BID

SHEET TITLE

MECHANICAL
PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B

DRAWING No.

HS-M 116.00

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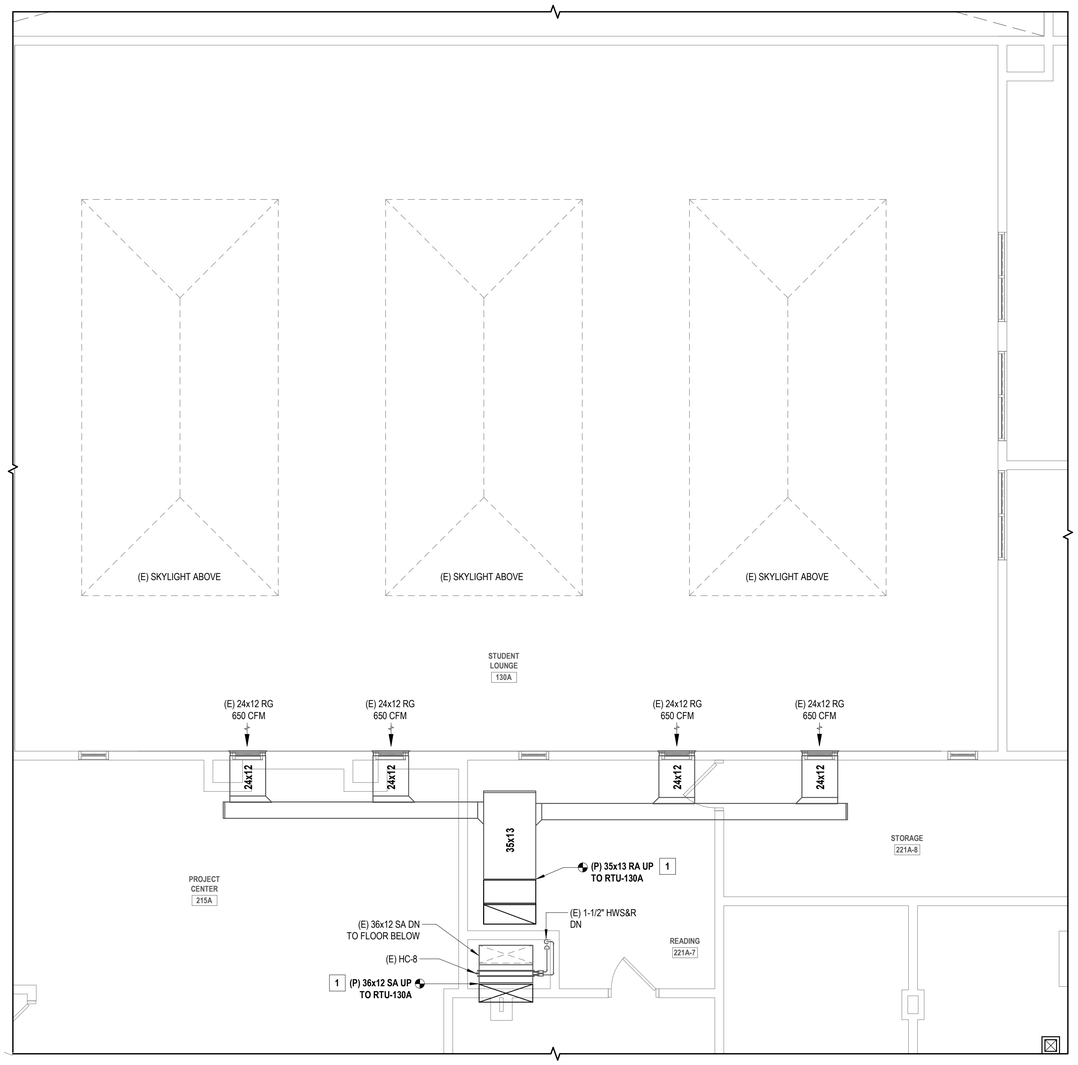

1 PARTIAL SECOND FLOOR NEW WORK PLAN - STUDENT LOUNGE UPPER LEVEL

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND THE PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT. THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
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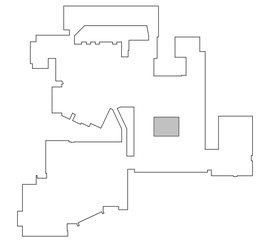
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPLY AND RETURN DUCTWORK, INSULATION, DUCT HANGERS AND SUPPORTS, AND RELATED APPURTENANCES TO CONNECT NEW ROOFTOP UNIT "RTU-130A" AND THE EXISTING SUPPLY AND RETURN DUCTWORK SYSTEMS.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

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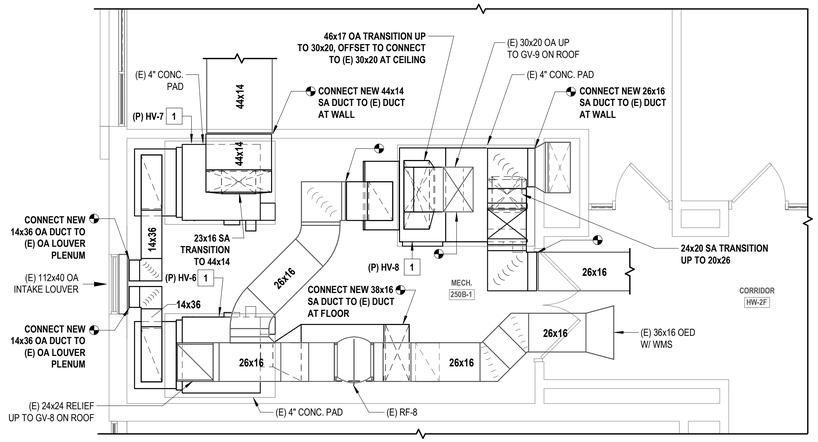
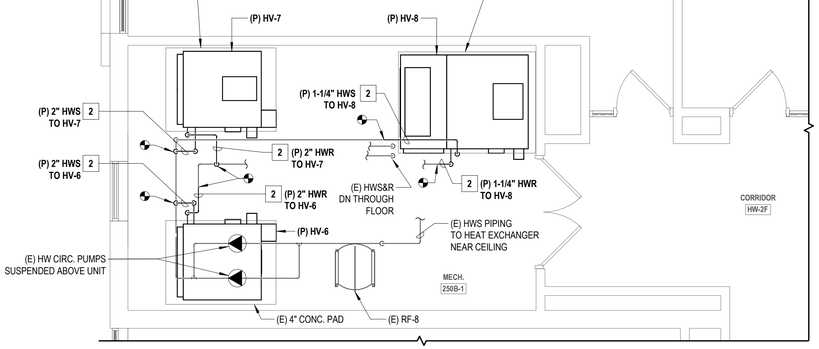


1 PARTIAL SECOND FLOOR NEW WORK NEW WORK PLAN - MER 250B-1

SCALE: 1/4" = 1'-0"

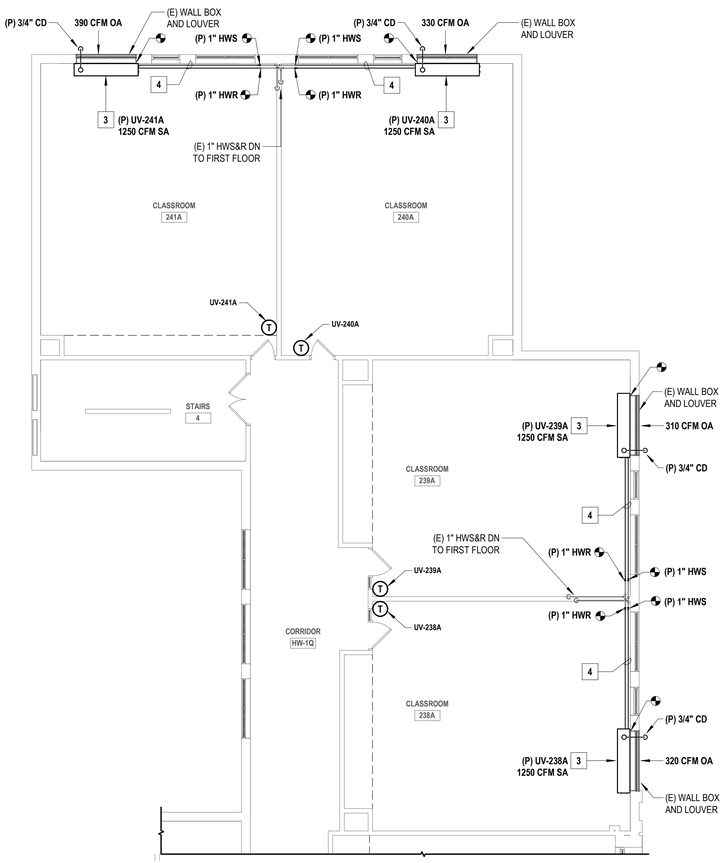
PROJECT NORTH



2 PARTIAL SECOND FLOOR PIPING NEW WORK PLAN - MER 250B-1

SCALE: 1/4" = 1'-0"

PROJECT NORTH



3 PARTIAL SECOND FLOOR NEW WORK PLAN - CLASSROOMS

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

PROJECT NORTH

GENERAL NOTES

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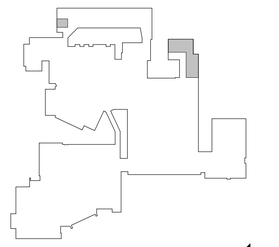
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN THE ROOF WARRANTY.
5. THE CONTRACTOR SHALL TAKE CARE TO INSTALL ALL NEW ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" AWAY FROM ALL ROOF EDGES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S SERVICE AND OPERATING CLEARANCES, RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND PREVAILING CODE.
7. THE CONTRACTOR SHALL COORDINATE ALL CEILING-MOUNTED EQUIPMENT (DIFFUSERS, GRILLES, ETC.) WITH ALL EXISTING AND NEW EQUIPMENT, INCLUDING LIGHT FIXTURES, FIRE ALARM DEVICES, AND THE CEILING GRID.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL DUCT / PIPING SUPPORTS AS REQUIRED. MINIMUM EVERY 10'-0" AND CHANGE IN DIRECTION.
9. FOR ALL NEW CONDENSATE DRAIN PIPING CONNECTIONS TO NEW UNIT VENTILATORS, THE INTENTION IS TO INSTALL PIPING TO EXTEND APPROXIMATELY 6" FROM THE EXTERIOR WALL, AND TERMINATE WITH A 90-DEGREE ELBOW FACING DOWNWARD. PIPING TO BE CAPPED AS COOLING COILS ARE TO BE CONNECTED AS PART OF A FUTURE PROJECT.

X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REPLACEMENT H&V UNIT IN APPROXIMATELY THIS LOCATION. INSTALL UNIT ON EXISTING CONCRETE HOUSEKEEPING PAD ON APPROVED VIBRATION / SPRING ISOLATORS. THE CONTRACTOR SHALL MODIFY / EXTEND THE EXISTING CONCRETE PAD AS REQUIRED, SUCH THAT THE CONCRETE PAD EXTENDS A MINIMUM OF 4" BEYOND THE FACE OF THE UNIT. RE-CONNECT THE UNIT TO THE EXISTING DUCTWORK SYSTEMS AS SHOWN, PROVIDING ALL REQUIRED NEW DUCTWORK, DUCT HANGERS AND SUPPORTS, INSULATION, AND RELATED APPURTENANCES. THE NEW REPLACEMENT H&V UNIT SHALL BE RE-INTEGRATED INTO THE EXISTING CONTROLS SYSTEM, AND INTERFACED WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW HOT WATER SUPPLY AND RETURN PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO RECONNECT THE NEW REPLACEMENT H&V UNIT INTO THE EXISTING HYDRONIC HEATING SYSTEM. SIZE NEW PIPING AS INDICATED ON THE DRAWINGS. FIELD-VERIFY FINAL ROUTING OF PIPING.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW FLOOR-MOUNTED HOT WATER UNIT VENTILATOR WITH DX COOLING COILS FOR FUTURE CONNECTION TO CONDENSING UNIT. UNIT VENTILATORS TO BE PROVIDED WITH FULL ADAPTER BACK FOR WALL BOX / LOUVER ALIGNMENT. UNIT VENTILATOR SHALL BE CONNECTED TO THE EXISTING WALL BOX / LOUVER. PROVIDE EACH UNIT VENTILATOR WITH A REMOTE, WALL-MOUNTED THERMOSTAT. FURNISH AND INSTALL ALL REQUIRED HOT WATER SUPPLY AND RETURN PIPING, VALVES, FITTINGS, AND ALL REQUIRED APPURTENANCES. SIZE PIPING AS INDICATED ON THE DRAWINGS. FURNISH AND INSTALL NEW CAPPED 3/4" CONDENSATE DRAIN PIPING FOR EACH UV. COORDINATE FINAL INSTALLATION LOCATION WITH THE ARCHITECTURAL DRAWINGS AND EXISTING / NEW CASEWORK. INTERFACE UV WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
4. NEW HOT WATER SUPPLY AND RETURN PIPING SERVING THE NEW REPLACEMENT UNIT VENTILATOR SHALL BE INSTALLED WITHIN AN APPROVED ARCHITECTURAL ENCLOSURE FOR THE PURPOSES OF CONCEALING THE PIPING. COORDINATE WITH THE GC.



KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

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05/31/2028 Exp. Date

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

Pursuit of Excellence

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

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PARTIAL SECOND FLOOR NEW WORK PLAN - AREA B

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HS-M 118.00

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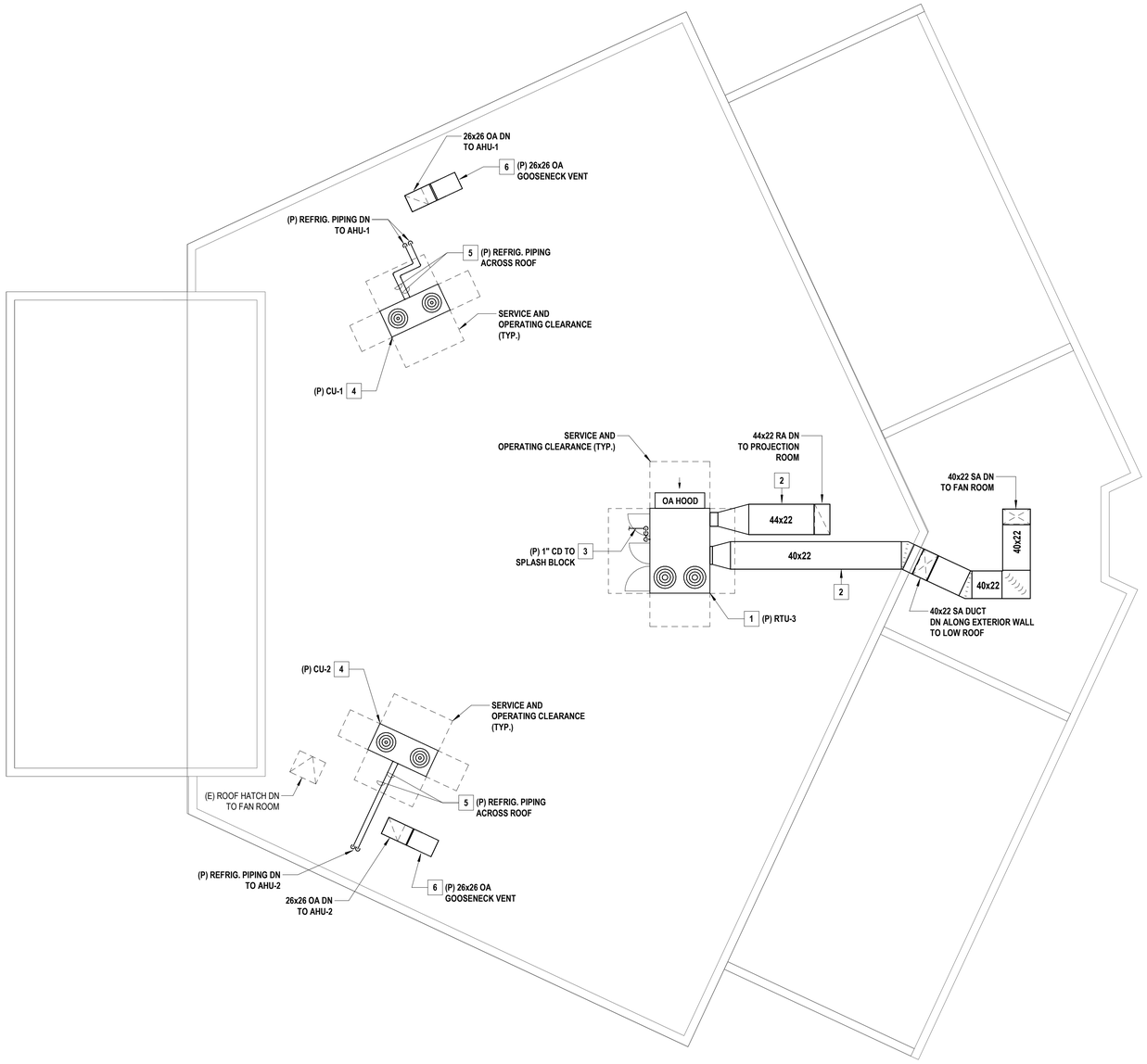

1 PARTIAL ROOF NEW WORK PLAN - AUDITORIUM ROOF

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

PROJECT NORTH

GENERAL NOTES

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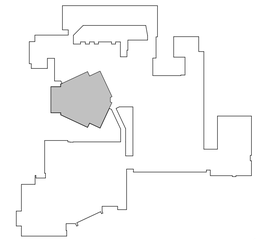
X MECHANICAL NEW WORK KEYNOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW ROOFTOP UNIT "RTU-3" IN APPROXIMATELY THIS LOCATION TO SERVE THE AUDITORIUM. UNIT SHALL BE INSTALLED ON THE MANUFACTURER'S STANDARD ROOF CURB. INTERFACE THE ROOFTOP UNIT WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPLY AND RETURN DUCTWORK TO SERVE THE NEW ROOFTOP UNIT. DUCTWORK SHALL BE RAN ALONG THE ROOF AS INDICATED. PROVIDE ROOF DUCT SUPPORTS MINIMUM EVERY 10 FEET AND CHANGE IN DIRECTION.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 1" CONDENSATE DRAIN PIPING TO SERVE THE NEW RTU. CONDENSATE DRAIN TRAP SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. CONDENSATE SHALL DISCHARGE TO A NEW PRE-CAST SPLASH BLOCK ON THE ROOF.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW CONDENSING UNIT IN APPROXIMATELY THIS LOCATION. INSTALL UNIT ON APPROVED WIND-RATED ROOFTOP EQUIPMENT SUPPORT RAILS. INTERFACE THE CONDENSING UNIT WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW REFRIGERANT PIPING, VALVES, INSULATION, PIPE HANGERS AND SUPPORTS, AND RELATED APPURTENANCES AS REQUIRED TO CONNECT THE NEW CONDENSING UNIT TO THE ASSOCIATED AIR HANDLING UNIT AS INDICATED ON THE DRAWINGS. PROVIDE ROOFTOP PIPING SUPPORTS MINIMUM EVERY 10 FEET AND CHANGE IN DIRECTION. PROVIDE PIPE PORTAL / PIPE CURB ASSEMBLY (MANUFACTURED BY PATE, SIGRIST, OR APPROVED EQUAL) AND INSTALL AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW GOOSENECK OUTSIDE AIR INTAKE VENT TO SERVE THE INDICATED AIR HANDLING UNIT.



KEY PLAN

SCALE: 1" = 160'-0"

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

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STATUS

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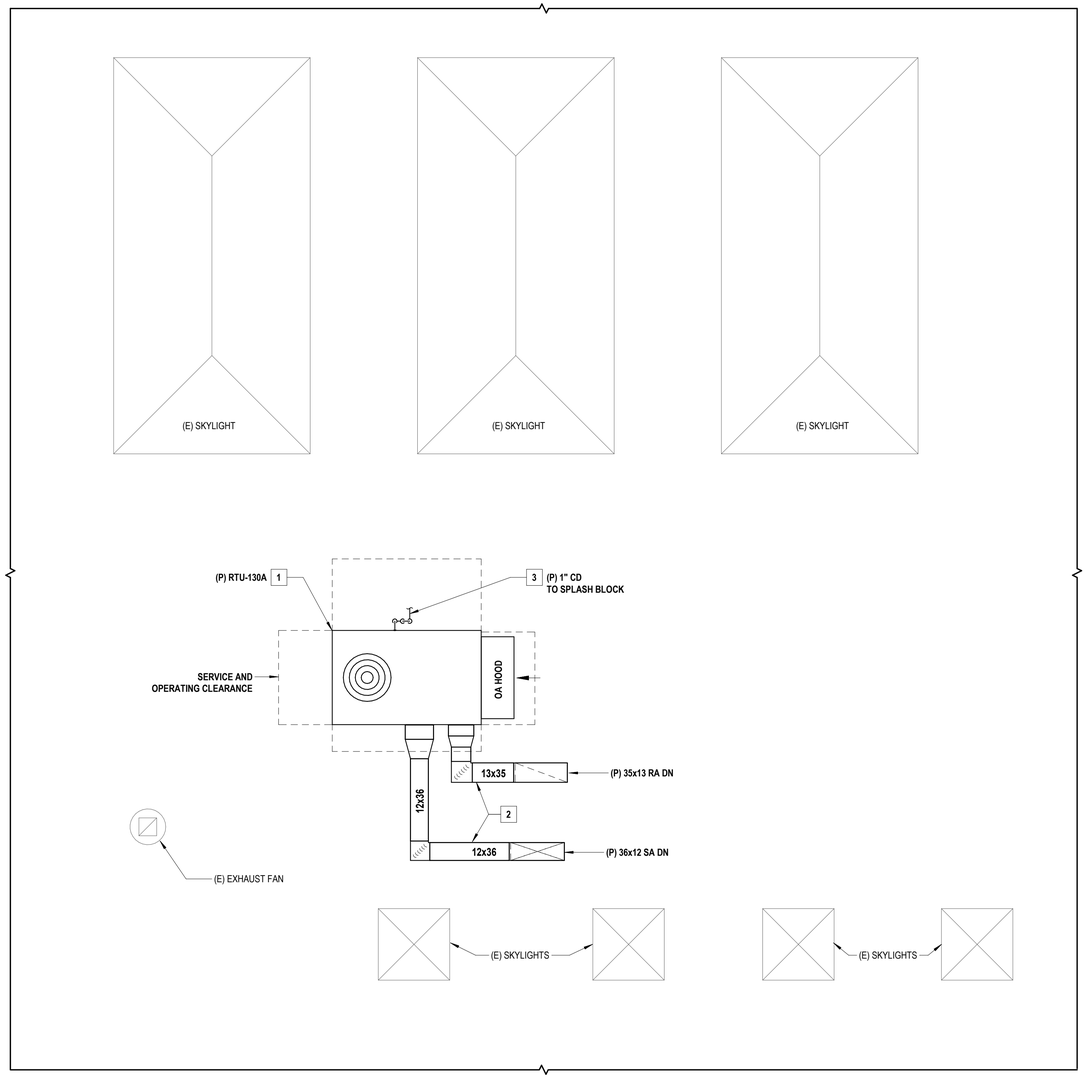

1 PARTIAL ROOF NEW WORK PLAN - STUDENT LOUNGE ROOF

SCALE: 1/4" = 1'-0"

PROJECT NORTH

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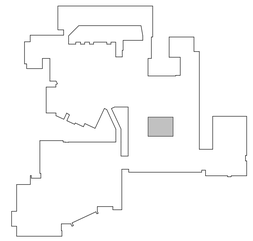

KEY PLAN

SCALE: 1" = 160'-0"

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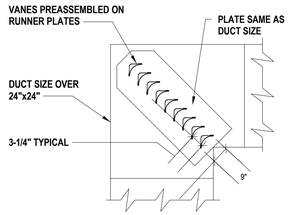
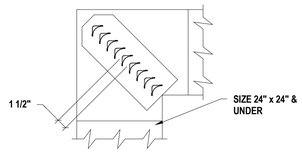
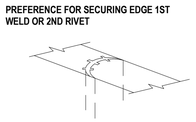
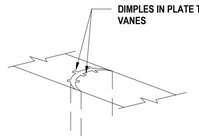


SQUARE ELBOW WITH TYPE "A" DOUBLE THICKNESS VANES



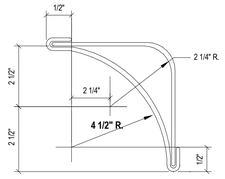
SQUARE ELBOW WITH TYPE "B" DOUBLE THICKNESS VANES.





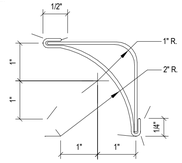
NOTE:

1. USE GALVANIZED STEEL FOR VANES IN EITHER STEEL OR ALUMINUM DUCTWORK.



TYPE "A"

TYPE "A" DOUBLE THICKNESS VANES FOR USE IN DUCTS GREATER THAN 24" x 24" IN SIZE. USE SAME GAUGE GALVANIZED IRON AS DUCT NOT TO EXCEED 20 GAUGE.

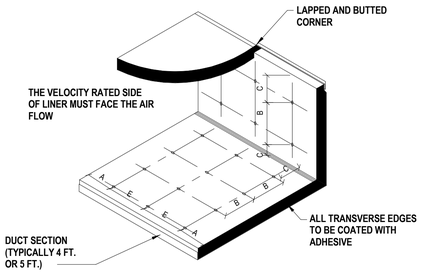


TYPE "B"

DOUBLE THICKNESS VANES FOR USE IN DUCTS 24" x 24" AND UNDER

1 TURNING VANES DETAIL

SCALE:NTS



MAXIMUM SPACING FOR FASTENERS. ACTUAL INTERVALS ARE APPROXIMATE.

LINER ADHERED TO THE DUCT WITH 90% MIN. AREA COVERAGE OF ADHESIVE

VELOCITY*	DIMENSIONS			
	A	B	C	E
0-1500 FPM	3"	12"	4"	18"
1501-3500 FPM	3"	6"	4"	16"

* UNLESS A LOWER LEVEL IS SET BY MANUFACTURER OR LISTING AGENCY

4 ACOUSTICAL LINER FASTENING DETAIL

SCALE:NTS

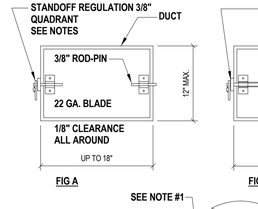


FIG A

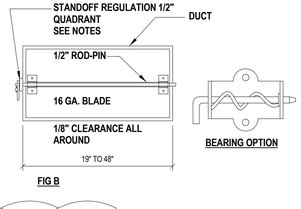


FIG B

BEARING OPTION

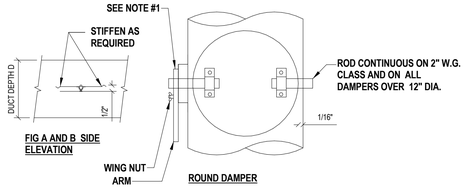


FIG A AND B SIDE ELEVATION

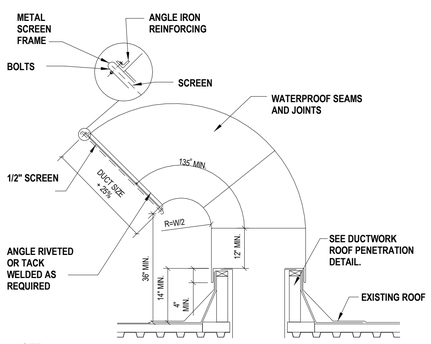
ROUND DAMPER

NOTES:

1. PROVIDE 2" HIGH STANDOFF REGULATORS FOR EXTERNALLY INSULATED DUCTWORK. PROVIDE REGULATORS WITH SEALS.
2. STANDOFF BASE HEIGHT TO MATCH INSULATION THICKNESS. BASE CONSTRUCTION 16 GAUGE.
3. RAPIT DAMPER REGULATORS AND JIFFY DAMPERS ARE NOT ACCEPTABLE ON RECTANGULAR OR ROUND DUCTWORK.

5 VOLUME DAMPER DETAIL

SCALE:NTS

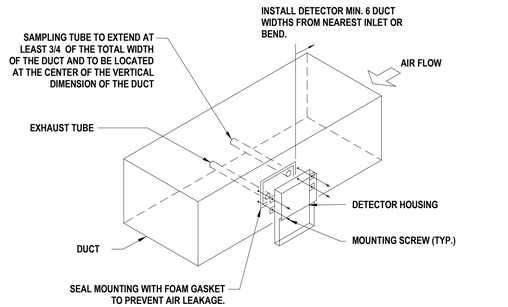


NOTE:

CURBS ARE REQUIRED FOR ALL DUCT PENETRATIONS OF ROOFS.

8 RECTANGULAR GOOSENECK VENT DETAIL

SCALE:NTS

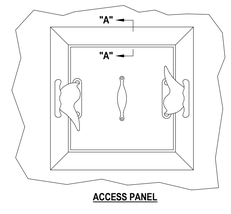


NOTES:

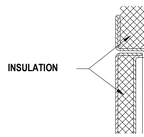
1. NEW DUCT SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR . INTERFACE OF NEW DUCT SMOKE DETECTORS WITH BUILDING FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.
2. NEW DUCT SMOKE DETECTOR SHALL BE INSTALLED IN DUCTWORK BY MECHANICAL CONTRACTOR.

9 DUCT SMOKE DETECTOR MOUNTING DETAIL

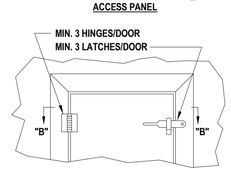
SCALE:NTS



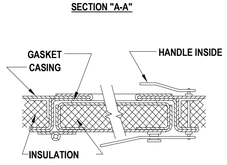
ACCESS PANEL



SECTION "A-A"



ACCESS DOOR



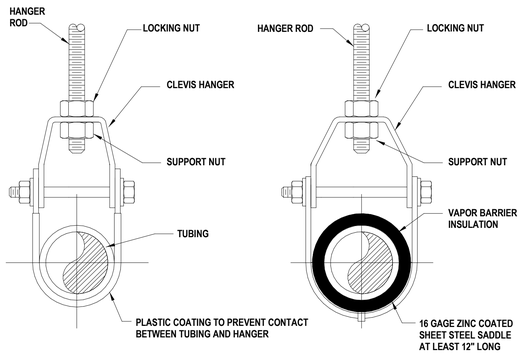
SECTION "B-B"

NOTES:

1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
3. PROVIDE ACCESS DOORS ON AIR HANDLING UNITS AND DUCTWORK INSTALLED IN EQUIPMENT ROOMS. PROVIDE ACCESS PANELS ON ALL EQUIPMENT AND DUCTWORK INSTALLED ABOVE FINISHED CEILINGS WHERE SPACE LIMITATIONS DO NOT ALLOW HINGED DOORS TO OPEN.

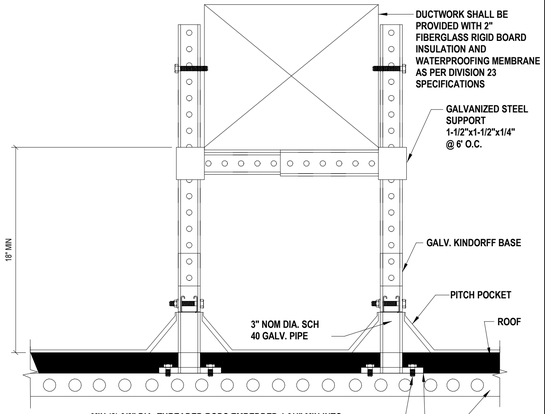
6 ACCESS DOOR & PANEL DETAIL

SCALE:NTS



10 COPPER PIPE HANGER DETAIL

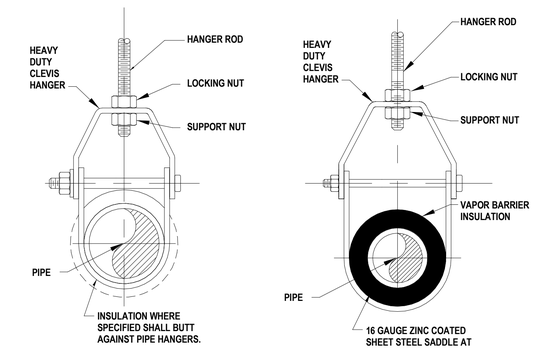
SCALE:NTS



MIN (2) 3/8" DIA. THREADED RODS EMBEDDED 1-3/4" MIN INTO PRECAST PLANK W/ HIT HY 200 EPOXY. WHERE UNGROUTED CELLS ARE ENCOUNTERED - USE HIT HY 200 ADHESIVE WITH SCREEN. AVOID DRILLING THRU REINFORCING STRANDS. COORDINATE WITH PRECAST MANUFACTURER FOR STRAND LOCATIONS.

7 ROOF DUCT SUPPORT DETAIL

SCALE:NTS



HANGER ROD SCHEDULE

PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA		

11 STEEL PIPE HANGER DETAIL

SCALE:NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL DETAILS

DRAWING No.

HS-M 500.00

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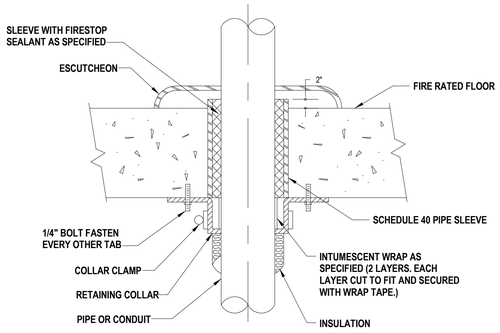
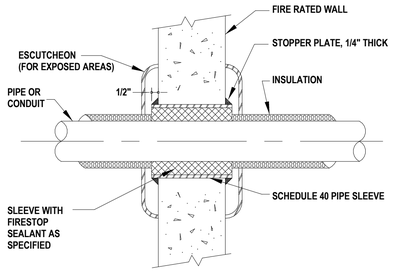


1 PIPE / CONDUIT FLOOR PENETRATION DETAIL
SCALE:NTS



2 PIPE / CONDUIT WALL PENETRATION DETAIL
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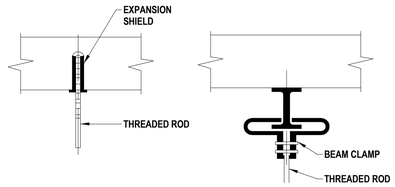
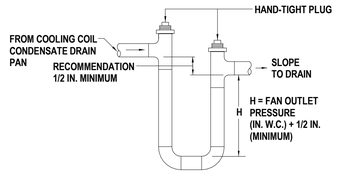
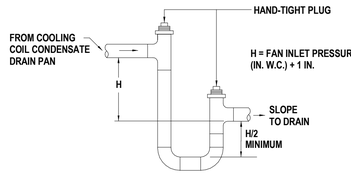


3 PIPE HANGER SUPPORT DETAIL
SCALE:NTS



NOTE:
TRAP FOR BLOW-THRU UNIT.



NOTE:
TRAP FOR DRAW-THRU UNIT.

THE CONTRACTOR SHALL FURNISH AND INSTALL CONDENSATE DRAIN PIPING AS PER HVAC EQUIPMENT MANUFACTURER'S INSTALLATIONS INSTRUCTIONS / RECOMMENDATIONS AND ALL APPLICABLE CODES.

4 CONDENSATE DRAIN PIPING DETAIL
SCALE:NTS

AIR CONDITIONING CONDENSATE

AIR CONDITIONING CONDENSATE PIPING SHALL COMPLY WITH THE 2025 PLUMBING CODE OF NEW YORK STATE, CHAPTER 3, SECTION 314 - CONDENSATE DISPOSAL, AND THE 2025 MECHANICAL CODE OF NEW YORK STATE, CHAPTER 3, SECTION 307 - CONDENSATE DISPOSAL, WHICHEVER IS MORE STRINGENT.

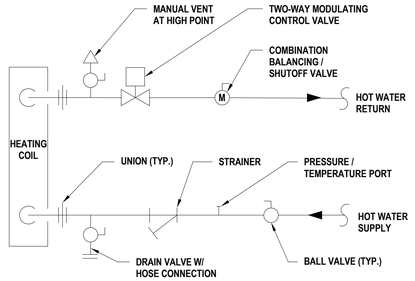
AIR CONDITIONING CONDENSATE PIPING FROM AIR CONDITIONING UNITS SHALL BE SIZED ACCORDING TO THE CONDENSATE-GENERATING CAPACITY OF THE UNITS SERVED. BRANCHES FROM INDIVIDUAL UNITS SHALL BE NO SMALLER THAN THE DRAIN OPENING OR DRAIN CONNECTION ON THE UNIT. TRAPS SHALL BE PROVIDED AT EACH AIR CONDITIONING UNIT OR COOLING COIL TO MAINTAIN ATMOSPHERIC PRESSURE IN THE WASTE PIPING. CONDENSATE WASTE PIPING SHALL BE SLOPED NOT LESS THAN 1/8" PER FOOT. DRAINAGE FITTINGS SHALL BE USED IN SIZES 1-1/4" AND LARGER. MINIMUM PIPE SIZING SHALL BE AS FOLLOWS:

3/4" PIPE SIZE UP TO 20 TONS COOLING CAPACITY.
1" PIPE SIZE OVER 20 TONS TO 40 TONS COOLING CAPACITY.
1-1/4" PIPE SIZE OVER 40 TONS TO 90 TONS COOLING CAPACITY.
1-1/2" PIPE SIZE OVER 90 TONS TO 125 TONS COOLING CAPACITY.
2" PIPE SIZE OVER 125 TONS TO 250 TONS COOLING CAPACITY.

DISCHARGE OF AIR CONDITIONING CONDENSATE SHALL NOT BE PERMITTED TO CREATE A NUISANCE SUCH AS BY FLOWING ACROSS THE GROUND OR PAVED SURFACES. UNLESS EXPRESSLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION, THE POINT OF INDIRECT DISCHARGE FOR AIR CONDITIONING CONDENSATE SHALL BE ONE OF THE FOLLOWING:

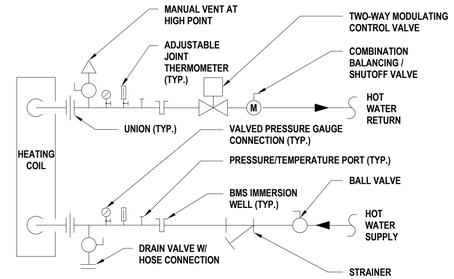
a. THE BUILDING SANITARY DRAINAGE SYSTEM (FLOOR DRAIN PROVIDED UNDER PLUMBING DRAWINGS).
b. THE BUILDING STORM DRAINAGE SYSTEM.
c. AN APPROVED OUTDOOR LOCATION.
d. WITHIN DWELLINGS, A TUB WASTE AND OVERFLOW, LAVATORY TAILPIECE, OR LAUNDRY SINK WITHIN SAME DWELLING.

6 A/C CONDENSATE DRAINAGE CODES DETAIL
SCALE:NTS



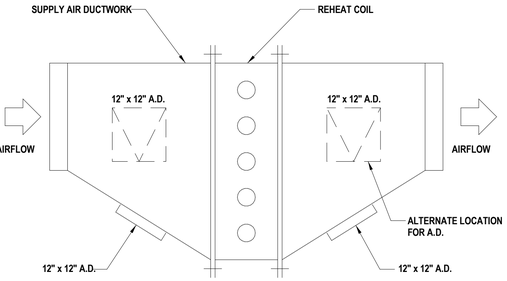
NOTES:
1. ALL COMPONENTS SHALL BE ENCLOSED WITHIN UNIT VENTILATOR CABINET.
2. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS & INSTALLATION INSTRUCTIONS.

6 UNIT VENTILATOR HOT WATER COIL PIPING DETAIL
SCALE:NTS

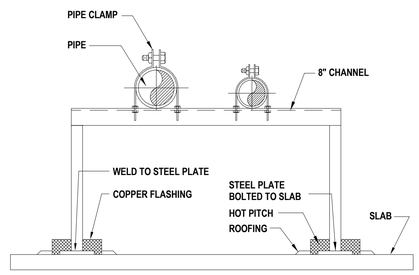


NOTES:
1. ARRANGE FOR PIPING TO ALLOW FOR COIL REMOVAL.
2. COORDINATE SENSOR LOCATION WITH ATC CONTRACTOR.

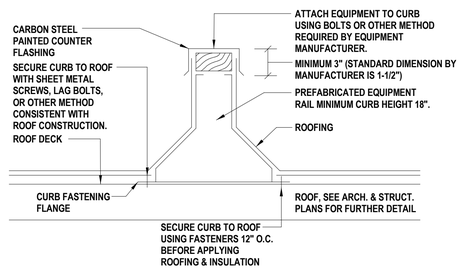
7 HOT WATER COIL PIPING DETAIL
SCALE:NTS



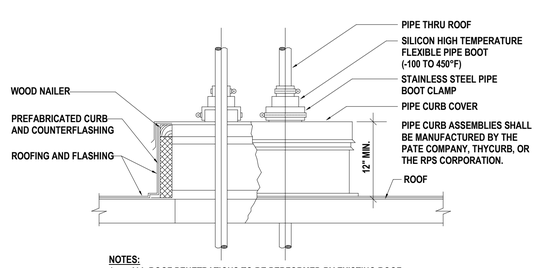
8 REHEAT COIL SECTION DETAIL
SCALE:NTS



9 ROOFTOP PIPE SUPPORT DETAIL
SCALE:NTS

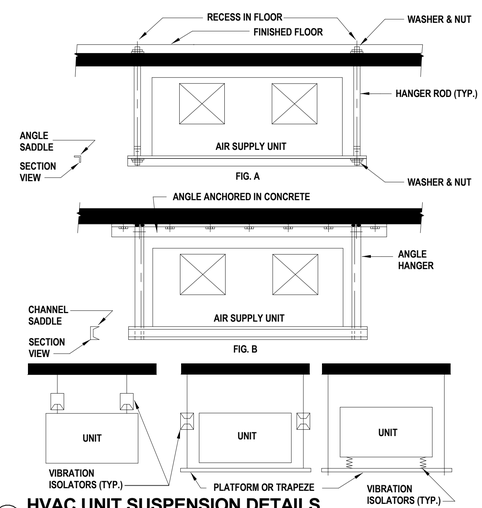


10 ROOFTOP EQUIPMENT RAIL DETAIL
SCALE:NTS



NOTES:
1. ALL ROOF PENETRATIONS TO BE PERFORMED BY EXISTING ROOF MANUFACTURER'S CERTIFIED INSTALLER TO MAINTAIN ROOF WARRANTY.
2. FURNISH & INSTALL GUY WIRE KIT (INCLUDING STRAPS, ANCHORS, & CABLES) FOR EXTENDED PIPING ABOVE THE ROOF.

11 ROOFTOP PIPE CURB ASSEMBLY DETAIL
SCALE:NTS



12 HVAC UNIT SUSPENSION DETAILS
SCALE:NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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PROJECT No:	DATE:	SCALE:
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CLIENT

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LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

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DRAWING No.
HS-M 501.00

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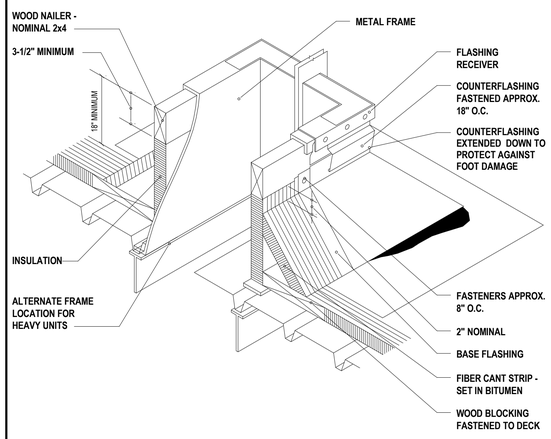
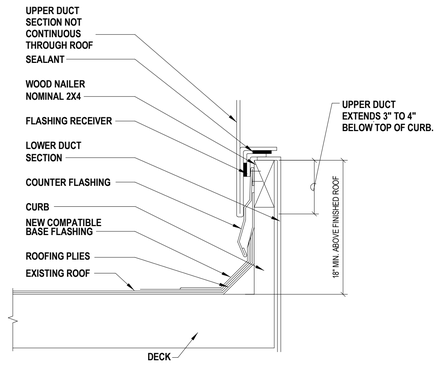


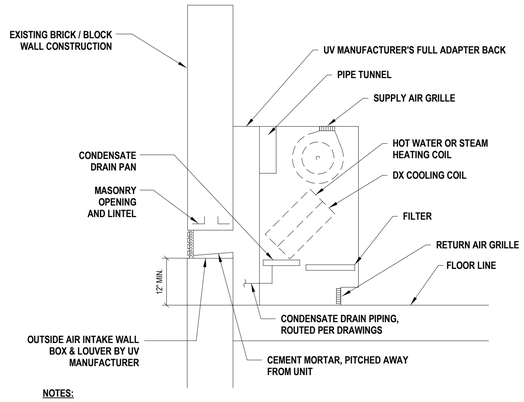
1 ROOFTOP EQUIPMENT MOUNTING DETAIL

SCALE:NTS



2 DUCTWORK ROOF PENETRATION DETAIL

SCALE:NTS

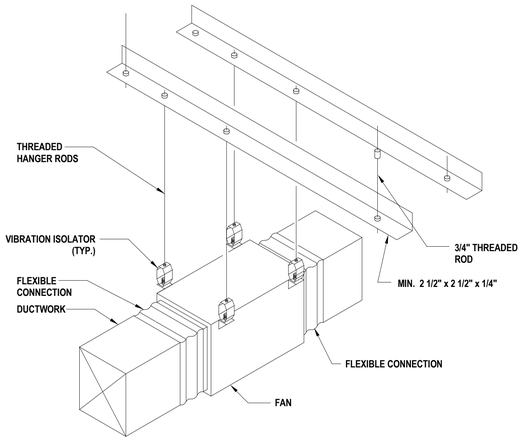


NOTES:

1. PROVIDE ALL BLOCKING AS NECESSARY TO PROVIDE AN AIR TIGHT SEAL FOR THE OUTDOOR AIR INTAKE PLENUM.
2. UNIT VENTILATORS TO BE PROVIDED WITH FULL ADAPTER BACK TO ALLOW FOR WALL BOX & LOUVER TO BE ELEVATED WHERE REQUIRED.

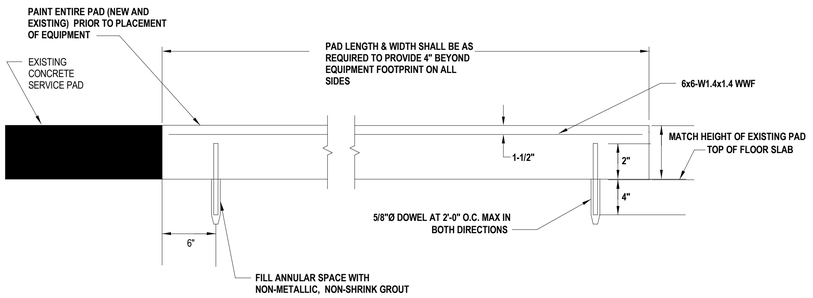
1 UNIT VENTILATOR DETAIL

SCALE:NTS



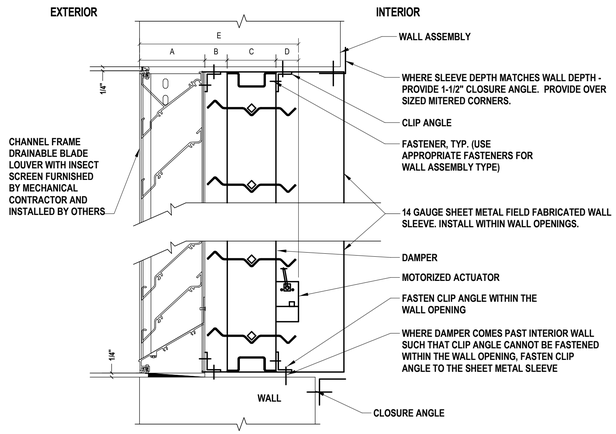
4 IN-LINE EXHAUST FAN DETAIL

SCALE:NTS



5 EXISTING CONCRETE EQUIPMENT SERVICE PAD EXTENSION DETAIL

SCALE:NTS

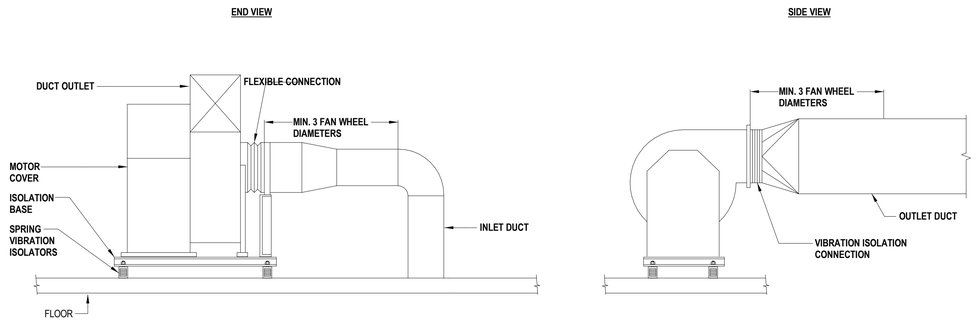


NOTES:

1. OVERALL SIZE OF OPENING SHALL BE 1/4-INCH GREATER IN BOTH DIRECTIONS THAN SIZE OF LOUVER.
2. FASTEN SHEET METAL SLEEVE TO REAR OF LOUVER AND WALL ASSEMBLY. FASTEN MOTORIZED DAMPER TO SHEET METAL SLEEVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. CLIP ANGLES AND FASTENERS SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS ON ALL SIDES.
4. INSTALL DAMPER ACTUATOR INSIDE OF SHEET METAL SLEEVE.
5. PROVIDE CLOSURE ANGLES TO CLOSE OFF INTERIOR WALL OPENING FOR A FINISHED APPEARANCE.

6 CHANNEL FRAME DRAINABLE BLADE LOUVER DETAIL

SCALE:NTS



NOTES:

1. CONTRACTOR SHALL COORDINATE FAN DISCHARGE POSITION AND WHEEL ROTATION WITH THE CONTRACT DRAWINGS PRIOR TO ORDERING OF EQUIPMENT.
2. MAINTAIN A MINIMUM OF THREE FAN WHEEL DIAMETERS BETWEEN THE FAN AND ANY DUCT TURNS OR ELBOWS.
3. INSTALL FAN ON APPROVED ISOLATION BASED WITH SPRING VIBRATION ISOLATORS.

7 FLOOR-MOUNTED UTILITY SET RETURN / EXHAUST FAN DETAIL

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JOHN C. MORRIS III · LICENSED PROFESSIONAL ENGINEER · 057554-1

05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL DETAILS

DRAWING No.

HS-M 502.00

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VENTILATION SCHEDULE

ROOM NUMBER	ROOM NAME	OCCUPANCY CATEGORY	FLOOR AREA (SQ. FT.)	PROGRAM OCCUP. LOAD	OUTSIDE AIR PER OCCUP. REQUIRED	OUTSIDE AIR PER SF REQUIRED	UNCORRECTED OUTSIDE AIR CFM	SPACE VENT EFFECT.	REQUIRED OUTSIDE AIR CFM	ACTUAL CFM		EQUIPMENT SERVING SPACE	NOTES
										OUTSIDE AIR	SUPPLY AIR		
27	WRESTLING ROOM	GYM/SPORT ARENA, AEROBICS	1,965	26	20	0.06	638	0.9	709	750	1,500	HV-27	1-2,9
120A	DRIVER'S ED CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	457	11	10	0.12	167	0.9	185	190	750	UV-120A	1-5
121A	SCI. CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	1,023	18	10	0.18	363	0.9	404	410	1,500	UV-121A	1-5
122A	SCI. CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	1,275	22	10	0.18	453	0.9	503	510	1,500	UV-122A	1-5
130A	STUDENT LOUNGE	OFFICES, BREAK ROOM	2,086	50	5	0.12	500	0.8	625	630	4,000	RTU-130A	1-2
158C	ENGINEERING LAB	EDUC., CLASSROOM (AGE 9 PLUS)	1,635	23	10	0.12	425	0.8	531	540	1,500	AHU-158C	1-2
238A	CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	780	19	10	0.12	285	0.9	316	320	1,250	UV-238A	1-5
239A	CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	746	18	10	0.12	272	0.9	303	310	1,250	UV-239A	1-5
240A	CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	799	20	10	0.12	292	0.9	324	330	1,250	UV-240A	1-5
241A	CLASSROOM	EDUC., CLASSROOM (AGE 9 PLUS)	958	23	10	0.12	350	0.9	389	390	1,250	UV-241A	1-5
161-S	STAGE	THEATERS, STAGE	2,163	70	10	0.06	830	1.0	830	-	-	-	6
161C	MAIN AUDITORIUM	EDUC., AUDITORIUM	3,937	414	5	0.06	2,306	1.0	2,306	2,310	12,000	AHU-1, AHU-2	1-2,7-8
161C	AUDITORIUM / LECTURE RM	EDUC., AUDITORIUM	1,606	163	5	0.06	911	1.0	911	920	4,300	AHU-3	1-2,7-8
161C	AUDITORIUM / LECTURE RM	EDUC., AUDITORIUM	1,557	163	5	0.06	908	1.0	908	920	4,300	AHU-3	1-2,7-8
161-C3	PROJECTION ROOM	-	336	2	10	0.18	80	0.8	101	110	1,000	AHU-3	1-2

NOTES:

1. VENTILATION SCHEDULE IS BASED ON THE 2025 NEW YORK STATE MECHANICAL CODE, INCLUDING ASHRAE STANDARD 62.1 AND GOOD ENGINEERING PRACTICE.
2. ASHRAE VENTILATION STANDARD 62.1 SHALL BE USED AS A SECONDARY REFERENCE SOURCE IF A PARTICULAR ROOM IS NOT INCLUDED IN THE IMC.
3. FOR TYPICAL CLASSROOM UNIT VENTILATOR ON A WINDOW WALL WITH RELIEF AIR ON OPPOSING CORRIDOR WALL (MOUNTED HIGH OR LOW) SHOULD USE A ZONE AIR DISTRIBUTION EFFECTIVENESS OF Ez = 0.9.
4. OCCUPANCIES BASED ON EITHER ACTUAL SEATING AND/OR CODE DENSITIES OF THE "NET" (NOT GROSS) OCCUPIABLE FLOOR AREA. CLASSROOMS: 35P/1000SF FOR AGE 9 PLUS. SCIENCE CR AT 25P/1000SF.
5. HIGH SCHOOL SERVES STUDENTS IN GRADES 9 THROUGH 12 (15 TO 18 YEARS OLD).
6. STAGE IS NOT PART OF SCOPE. HIGH SCHOOL STAGE OCCUPANCY MODELED AS A CHORUS PERFORMANCE OF 70 STUDENTS.
7. AUDITORIUM OCCUPANCY BASED ON SEATING.
8. AUDITORIUM/LECTURE HVAC SYSTEMS HAVE LOW RETURNS (Ez = 1.0).
9. WRESTLING ROOM BASED ON 24 WRESTLERS AND 2 COACHES. Ez = 0.9, HIGH SUPPLY WALL GRILLES, SEMI-LOW RETURN WALL GRILLE.

INDOOR AIR HANDLING UNIT SCHEDULE

TAG	SERVICE	MFR	MODEL NO.	MOUNTING	ASSOCIATED CONDENSING UNIT	SUPPLY FAN						HOT WATER HEATING COIL DATA								DX COOLING COIL DATA								FILTER TYPE	ELECTRICAL DATA				PHYSICAL DATA				NOTES
						AIRFLOW		STATIC PRESS.		MOTOR SIZE (HP)	FAN SPEED (RPM)	MBH	FLOW (GPM)	AIR TEMP		WATER TEMP		ROWS	FINS PER INCH	CAPACITY			AIR TEMP		FACE VEL. (FPM)	ROWS	FINS PER INCH	REFRIG. TYPE								
						SUPPLY CFM	OA CFM	TOTAL (IN WG)	EXT. (IN WG)					ENT (F)	LVG (F)	EWT (F)	LWT (F)			NOM. TONS	TOTAL MBH	SENS. MBH	EAT DB/WB (F)	LAT DB/WB (F)					V/PH/HZ	FLA (AMPS)	MCA (AMPS)	MFS (AMPS)	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT INSTALLED (LBS)	
AHU-1	LOWER AUD.	TRANE	UCCAH12	FLOOR	CU-1	6,000	1,155	3.9	2	7.5	2,548	293.7	19.5	58.6	103.7	200	170	1	12	20	224.7	154.8	78.8/65.5	55.3/53.0	488	4	12	R-454B	MERV 13	208/3/60	28.5	35.5	60	93.66	71	41.75	1,305.7	1-7,9-10
AHU-2	LOWER AUD.	TRANE	UCCAH12	FLOOR	CU-2	6,000	1,155	3.9	2	7.5	2,548	293.7	19.5	58.6	103.7	200	170	1	12	20	224.7	154.8	78.8/65.5	55.5/53.0	488	4	12	R-454B	MERV 13	208/3/60	28.5	35.5	60	93.66	71	41.75	1,305.7	1-7,9-10
AHU-158C	MAKER SPACE 158C	TRANE	BCHE054	CEILING	CU-158C	1,500	540	1.9	1	3.0	1,716	70.48	3.5	48.4	91.7	190	150	1	12	5	60.4	44.9	82.2/67.69	54.94/54.79	406	6	12	R-454B	MERV 13	208/3/60	9.8	12.25	20	59.90	46	18.00	413.3	1-3,5,7-11

NOTES:

1. AIR HANDLING UNIT (AHU) IS A SINGLE ZONE VAV APPLICATION.
2. AHU'S HAVE THE FOLLOWING SECTIONS: FILTER/MIXING BOX WITH DAMPERS, HOT WATER HEATING COIL, DX COOLING COIL, AND SUPPLY FAN.
3. FURNISH AND INSTALL DDC CONTROLS, BACNET INTERFACES, AND INTERLOCK WITH EXISTING ATC/DDC SYSTEM.
4. MOUNT UNITS ON THE FLOOR WITH APPROVED VIBRATION ISOLATOION AND/OR BASERAIL.
5. FACTORY-INSTALLED A2L LEAK DETECTION SENSORS, WIRED BACK TO ASSOCIATED CU.
6. PROVIDE WITH FACTORY-MOUNTED AND WIRED VARIABLE FREQUENCY DRIVE AND DISCONNECT SWITCH.
7. PROVIDE MANUFACTURER'S WARRANTY.
8. UNIT SHALL BE CEILING-HUNG WITH APPROVED SPRING VIBRATION ISOLATORS.
9. UNITS SHALL HAVE CONDENSATE OVERFLOW SENSORS.
10. UNITS SHALL BE AHRI CERTIFIED.
11. PROVIDE WITH DISCONNECT SWITCH, FIELD-MOUNTED AND WIRED.

AIR-COOLED CONDENSING UNIT SCHEDULE

TAG	MANUFACTURER	MODEL NO.	ASSOCIATED AHU	NOMINAL COOLING CAPACITY (TONS)	NOMINAL COOLING CAPACITY (MBH)	REFRIGERANT			ELECTRICAL DATA							PHYSICAL DATA				NOTES
						TYPE	SUCTION LINE (IN)	LIQUID LINE (IN)	V/PH/HZ	COND. FAN QUANTITY	COND. FAN FLA EACH (AMPS)	COMPR. QUANTITY	COMPR. RLA EACH (AMPS)	MCA (AMPS)	MOP (AMPS)	DEPTH OR LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LBS)	
CU-1	TRANE	TTA240K3DDAA	AHU-1	20	240	R-454B	1.375	0.5	208/3/60	2	4.3, 4.3	2	36.7, 31.1	87	110	95-7/16	46	45-1/8	754.8	1-5,7-13
CU-2	TRANE	TTA240K3DDAA	AHU-2	20	240	R-454B	1.375	0.5	208/3/60	2	4.3, 4.3	2	36.7, 31.1	87	110	95-7/16	46	45-1/8	754.8	1-5,7-13
CU-158C	TRANE	5TTA4060A3000A	AHU-158C	5	60	R-454B	7/8	5/16	208-3-60	1	0.93	1	16	20.9	35	37-1/4	34-1/4	45-1/8	252.0	1-4,6-13

NOTES:

1. FURNISH AND INSTALL CONDENSING UNITS ON WIND/SEISMIC RATED SPRING ISOLATORS WITH ROOFTOP SUPPORTS/EQUIPMENT RAILS (WITH REQUIRED SERVICE/OPERATING CLEARANCES).
2. FURNISH AND INSTALL REFRIGERANT PIPING AS PER EQUIPMENT MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
3. THE INDOOR HVAC UNITS AND ASSOCIATED CONDENSING UNITS SHALL BE INTEGRATED INTO THE EXISTING AUTOMATIC TEMPERATURE CONTROL SYSTEM (BACNET OR APPROVED METHODS).
4. COOLING PERFORMANCE BASED ON 95 DEGREES F AMBIENT AND 80/67 DEGREES F ENTERING DRY/WET BULB TEMPERATURES.
5. TWO DIRECT-DRIVE HERMETIC SCROLL / DUAL COMPRESSORS, TWO SEPARATE & INDEPENDENT REFRIGERANT CIRCUITS.
6. CLIMATUFF SCROLL COMPRESSORS, 1 STAGE.
7. FACTORY-INSTALLED HAIL GUARDS.
8. SERVICE VALVES (LIQUID LINE WITH GAUGE PORT AND SUCTION LINE WITH GAUGE PORT).
9. PHASE/MONITOR/REVERSAL PROTECTION.
10. FACTORY LEAK REFRIGERANT DETECTION SYSTEM, PROVIDED IN AHU AND WIRED BACK TO THE CU.
11. COMPLY WITH NEW YORK STATE ENERGY CODES: 2025 ECCCNYS - IECC 2024 - ASHRAE 90.1-2022.
12. PROVIDE MANUFACTURER'S WARRANTY.
13. PROVIDE CONDENSING UNITS WITH DISCONNECT SWITCH, FIELD-MOUNTED AND WIRED.

ROOFTOP UNIT SCHEDULE

TAG	SERVICE	MANUFACTURER	MODEL NO.	SUPPLY FAN DATA						DX COOLING COIL DATA								HOT GAS REHEAT CAP. (MBH)	PRIMARY HEAT (HOT WATER)	SECONDARY HEAT - HEAT PUMP DATA					FILTER	ELECTRICAL DATA			PHYSICAL DATA					NOTES
				AIRFLOW		TSP	ESP	MOTOR SIZE (HP)	FAN SPEED (RPM)	NOM SIZE (TONS)	TOTAL CAP. (MBH)	SENS. CAP. (MBH)	AIR TEMP		REFRIG. TYPE	EFFICIENCY		REFRIG. TYPE			HTG CAP. (MBH)	AIR TEMP		AMB TEMP (F)	EFF. COP 47/17		V-PH-HZ	MCA	MOP	H	W	L	WGT OPER. (LBS)	
				SA CFM	OA CFM	(IN WC)	(IN WC)						ENT DB/WB (F)	LVG DB/WB (F)		EER	IEER				ENT (F)	LVG (F)					AMPS	AMPS	(FT)	(FT)	(FT)		
RTU-3	UPPER AUD	TRANE	PRECEDENT WHK300A3	9,600	1,950	1.61	1.10	(2)-2.9	1,600	25	263.5	216.9	79.0 / 65.7	57.8 / 56.5	R-454B	10.1	16.0	R-454B	135.3	SEE DUCT COIL SCHED	121.0	58.0	69.7	10	3.40/2.05	MERV 13	208-3-60	118	150	5.5	7.25	10.25	2,610	1-21
RTU-130A	STUDENT LOUNGE	TRANE	PRECEDENT WHK120A3	3,750	630	1.52	1.25	4.2	1,412	10	117.1	95.1	79.0 / 65.7	55.2 / 55.1	R-454B	11.4	16.6	R-454B	54.0	SEE DUCT COIL SCHED	57.7	70.0	84.2	10	3.57/2.25	MERV 13	208-3-60	62	80	4.24	5.26	8.3	1,368	1-21

NOTES:

1. HINGED SERVICE ACCESS PANELS.
2. PROVIDE WITH NON-FUSED DISCONNECT, FACTORY-MOUNTED AND WIRED.
3. POWERED 15A CONVENIENCE OUTLET.
4. ECONOMIZER, COMPARATIVE ENTHALPY WITH BAROMETRIC RELIEF.
5. MODULATING HOT GAS REHEAT.
6. UNIT CONTROLS - SYMBIO 700.
7. COMMUNICATIONS: ADVANCED CONTROLS & BACNET BAS.
8. SYSTEM MONITORING CONTROLS - CLOGGED FILTER & CONDENSATE OVERFLOW.
9. SUPPLY FAN/DRIVE/MOTOR TYPE - SINGLE ZONE VAV.
10. PROVIDE WITH STANDARD WIND-RATED ROOF CURB.
11. PROGRAMMABLE ZONE SENSOR - TITLE 24.
12. FIELD-INSTALLED CO2 SENSOR FOR DCV.
13. PROVIDE MANUFACTURER'S WARRANTY.
14. PROVIDE FACTORY REFRIGERANT LEAK DETECTION SYSTEM FOR A2L REFRIGERANTS.
15. PHASE MONITOR.
16. IAQ DRAIN PAN.
17. COIL GUARDS.
18. FROSTAT FOR DX COIL.
19. THRU-THE-BASE ELECTRICAL (WITH DISCONNECT).
20. UNITS SHALL BE PROVIDED WITH HORIZONTAL SUPPLY AND RETURN DUCT CONNECTIONS.
21. FACTORY-INSTALLED A2L REFRIGERANT LEAK DETECTION SYSTEM WITH REQUIRED DEVICES.

HOT WATER DUCT HEATING COIL SCHEDULE

TAG	ASSOCIATED UNIT	LOCATION	AREA SERVED	MANUFACTURER	MODEL NO.	HEATING CAPACITY (MBH)	AIR DATA					WATER DATA					PHYSICAL DATA			NOTES
							AIRFLOW (CFM)	ACTUAL FACE VEL. (FPM)	MAX. PD (IN WG)	AIR TEMP. EAT (DB F)	AIR TEMP. LAT (DB F)	EWT (F)	LWT (F)	FLOW RATE (GPM)	MAX. WPD (FEET)	ROWS	COIL HEIGHT (IN)	COIL LENGTH (IN)	MIN. REQ'D PIPE SIZE (IN)	
RHC-1	RTU-3	FAN ROOM	LECTURE ROOM	TRANE	DWPB18030G0BA164DAAA00B	256.5	4,300	764	0.40	50.0	105.2	200	160	12.8	5	2	27	30	1.25	1-4
RHC-2	RTU-3	FAN ROOM	LECTURE ROOM	TRANE	DWPB18030G0BA164DAAA00B	256.5	4,300	764	0.40	50.0	105.2	200	160	12.8	5	2	27	30	1.25	1-4
RHC-3	RTU-3	FAN ROOM	PROJECTOR ROOM	TRANE	DWPB12018G0BA135CAAA0AB	59.7	1,000	667	0.35	50.0	105.2	200	160	3.0	5	2	12	18	0.75	1-4

NOTES:

1. CONTRACTOR SHALL CONFIRM ALL THE REQUIREMENTS OF THE DUCT HEATING COILS BEFORE INSTALLATION FOR FITTING INTO THE SPACES & RECONNECTING THE HOT WATER PIPING.
2. COORDINATE CONTROLS WITH THE ASSOCIATED HVAC SYSTEM INCLUDING THERMOSTATS, CONTROL VALVES, WIRING, BMS INTERFACES.
3. PROVIDE SMOOTH DUCT TRANSITION TO COIL AS PER SMACNA STANDARDS.
4. CONTRACTOR TO CONFIRM/VERIFY PREFERRED LOCATIONS FOR THERMOSTATS LOCATIONS FOR EACH RH COIL.

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White Plains, NY 10605
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HEATING & VENTILATING UNIT SCHEDULE

TAG	AREA SERVED	MANUFACTURER	MODEL NO.	SUPPLY FAN DATA						HOT WATER HEATING COIL DATA										ELECTRICAL DATA					PHYSICAL DATA				NOTES
				AIRFLOW		TSP	ESP	DRIVE	SPEED	HEATING CAPACITY	FLOW	AIR TEMP		WATER TEMP		COIL APD	COIL WPD	COIL VEL.	ROWS /FINS	V/PH/HZ	MOTOR SIZE	FLA	MCA	MOCP	L	W	H	OPER WGT	
				SA CFM	OA CFM	(IN WC)	(IN WC)		(RPM)	(MBH)	(GPM)	ENT (F)	LVG (F)	ENT (F)	LVG (F)	(IN WC)	(FT)	(FPM)			(HP)	(AMPS)	(AMPS)	(AMPS)	(IN)	(IN)	(IN)	(LBS)	
HV-1	2008 GYM	TRANE	UCCAH21	10,200	10,200	2.16	1.0	DIRECT	2,064	995.6	75.6	0	90.0	180	152.0	0.2	6.6	501	2/12	208/3/60	(2)-5	37.3	46.5	80	79.2	79	60.3	1,306	A,C-L
HV-2	2008 GYM	TRANE	UCCAH21	10,200	10,200	2.16	1.0	DIRECT	2,064	995.6	75.6	0	90.0	180	152.0	0.2	6.6	501	2/12	208/3/60	(2)-5	37.3	46.5	80	79.2	79	60.3	1,306	A,C-L
HV-3	BASEMENT LOCKER ROOMS	TRANE	UCCAH06	1,770	1,770	1.27	0.5	DIRECT	1,762	170.6	18.1	0	88.9	180	160.0	0.1	1.3	315	2/9	208/3/60	1.5	7.3	9.0	15	68.9	47	38.5	578	A,C-L
HV-5	BASEMENT CORRIDOR	TRANE	BCHE018	545	545	0.85	0.5	DIRECT	1,330	59.7	3.5	0	101.0	180	145.9	0.2	8.5	491	2/12	115/1/60	0.56	7.5	9.3	15	30.1	28	17.0	132	1-11
HV-6	AREA C FIRST	TRANE	UCCAH08	4,245	4,245	2.20	0.75	DIRECT	2,645	353.2	37.7	0	76.7	160	140	0.3	4.8	556	2/14	208/3/60	5	22.5	28.0	50	66.3	51	44.0	708	A,C-L
HV-7	AREA C SECOND	TRANE	UCCAH08	4,170	4,170	2.08	0.75	DIRECT	2,571	349.5	37.3	0	77.3	160	140	0.3	4.7	546	2/14	208/3/60	5	22.5	28.0	50	66.3	51	44.0	708	A,C-L
HV-8	NEW WING CORR	TRANE	UCCAH10	5,060	1,075	2.44	1.0	DIRECT	2,107	137.2	11.0	55	80.0	160	133	0.2	0.5	510	2/9	208/3/60	7.5	28.5	35.5	60	95.7	63	44.0	1,281	B-L
HV-9	COMMONS SEVERY	TRANE	UCCAH21	10,779	10,779	2.26	1.0	DIRECT	2,161	1,169.0	111.0	0	100.0	180	158	0.3	13.9	530	2/14	208/3/60	(2)-5	37.3	46.5	80	79.2	79	60.3	1,359	A,C-L
HV-10	EAST CONNECTOR	TRANE	BCHE036	1,130	370	0.85	0.5	DIRECT	1,425	46.6	1.8	47	85.0	180	128.9	0.1	1.1	424	1/12	115/1/60	1.02	13.3	16.6	25	33.1	42	17.0	177	1-11
HV-11	WEST CONNECTOR	TRANE	BCHE054	1,680	1,680	0.84	0.5	DIRECT	1,176	69.2	3.7	47	85.0	180	142.3	0.1	0.6	455	2/12	115/1/60	0.98	13.3	16.6	25	35.8	46	18.0	202	1-11
HV-12	1967 LOCKER ROOM	TRANE	UCCAH03	1,500	1,500	1.71	0.5	DIRECT	2,960	130.1	16.1	0	80.0	180	163	0.2	3.6	537	2/9	208/3/60	2	7.3	9.0	15	65.9	34	33.5	430	A,C-L
HV-27	WRESTLING ROOM	TRANE	BCHE054	1,500	750	1.35	1.00	DIRECT	1,410	137.9	6.89	40	124.8	190	150	0.141	4.2	406	2/12	208/3/60	1.48	5.2	6.5	15.0	35.8	46	18	230.2	1-12

NOTES:

1. INDOOR HORIZ HV UNIT COMPONENTS: SUPPLY FAN, HW HEATING COIL, FLAT FILTERS, EXTERNAL CONTROL BOX.
2. LIFTING LUGS. UNIT SHALL BE CEILING-MOUNTED WITH SPRING VIBRATION ISOLATORS.
3. INTERLOCK CONTROLLER WITH WALL/OA/DISCH AIR TEMP SENSOR, ASSOC EFs, & EXIST ATC SYSTEM/DAMPERS.
4. BACNET INTERFACES.
5. PIPING/VALVE KIT, 2-WAY MODULATING CONTROL VALVE.
6. PROVIDE MANUFACTURER'S WARRANTY.
7. 2" PLEATED MERV 13 FILTERS.
8. DOUBLE-WALL PANELS WITH 1" THICK R-4.2 INSULATION.
9. AHRI CERTIFIED.
10. ECM MOTOR
11. PROVIDE WITH DISCONNECT SWITCH. FIELD-MOUNTED AND WIRED.
12. SINGLE-ZONE VAV WITH CO2 SENSOR & DCV.
A. INDOOR HORIZ HV UNIT COMPONENTS: SUPPLY FAN, HW HEATING COIL, FLAT FILTERS, EXTERNAL CONTROL BOX.
B. INDOOR HORIZ HV UNIT COMPONENTS: SUPPLY FAN, HW HEATING COIL, FMB, EXTERNAL CONTROL BOX.
C. LIFTING LUGS. HV-1 TO 3, 6 TO 9, & 12 ARE FLOOR MOUNT. PROVIDE SPRING VIBRATION ISOLATORS.
D. CONTROLLER TYPE: SYMBIO INTERLOCKED W/ WITH CONTROL OPTIONS, ASSOC EFs, & EXIST ATC SYSTEM/DAMPERS.
E. BACNET INTERFACES.
F. SEE PIPING DETAIL FOR VALVES, ETC.
G. PROVIDE MANUFACTURER'S WARRANTY.
H. 2" PLEATED MERV 13 FILTERS.
I. DOUBLE-WALL PANELS WITH 2" THICK R-13 INSULATION.
J. AHRI CERTIFIED.
K. PROVIDE WITH FACTORY-MOUNTED AND WIRED VARIABLE FREQUENCY DRIVE AND DISCONNECT SWITCH.
L. CONTROL OPTIONS: LOW LIMIT SW, DIRTY FILTER SW, FAN STATUS SW, DISCH/OA TEMP/DUCT SP SENSORS

RETURN-EXHAUST FAN SCHEDULE

TAG	ASSOCIATED UNIT	LOCATION	MANUFACTURER	MODEL NO.	TYPE	WHEEL BLADE TYPE	DRIVE	AIRFLOW	TOTAL EXT SP	SPEED	EFF. FEI	SOUND POWER IN/OUT	MOTOR DATA			PHYSICAL DATA					NOTES
													V/PH/HZ	HP	RPM	DUCT CONN.		FAN DIMENSIONS			WEIGHT	
																INLET DIA	OUTLET WxH	H	L	W		
								(CFM)	(IN WG)	(RPM)		dBA				(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
RF-1	AHU-1	FAN ROOM	GREENHECK	USF-18	CENTRIF. UTILITY	AIRFOIL	BELT	6,000	0.50	1,833	0.95	77/77	208/3/60	5.0	1,725	23.86	14.34x19.24	43.05	32.94	39.07	347	1-2,4-8,10-22,24-25
RF-2	AHU-2	FAN ROOM	GREENHECK	USF-18	CENTRIF. UTILITY	AIRFOIL	BELT	6,000	0.50	1,833	0.95	77/77	208/3/60	5.0	1,725	23.86	14.34x19.24	43.05	32.94	39.07	347	1-2,4-8,10-22,24-25
RF-27	HV-27	STORAGE ROOM	GREENHECK	USF-13	CENTRIF. UTILITY	BI	DIRECT	750-1,500	0.55	999	1.93	53/53	208/3/60	1.0	1,770	17.72	10.61x14.23	31.29	29.35	26.61	135	1,3-7,9-21,23-25

NOTES:

1. NEMA PREMIUM EFFICIENT MOTOR (MEETS NEMA TABLE 12-12).
2. VFD RATED MOTOR WITH SHAFT GROUNDING PROTECTION.
3. VFD RATED MOTOR WITHOUT SHAFT GROUNDING PROTECTION.
4. MOTOR WITH MINIMUM 40 DEGREE C AMBIENT TEMPERATURE.
5. MOTOR WITH CLASS B OR GREATER INSULATION.
6. FINISH: COATING - PERMATECTOR, CONCRETE GRAY-RAL 7023, FAN AND ATTACHED ACCESSORIES.
7. PROVIDE EACH FAN WITH A DISCONNECT SWITCH, NEMA 1, SHIPPED LOOSE FOR FIELD-INSTALLATION AND WIRING.
8. SPRING ISOLATION BASE, FACTORY-MOUNTED, RESTRAINED, 1-INCH, INDOOR/OUTDOOR USE.
9. DIRECT MOUNT ISOLATORS, SPRING, RESTRAINED, 1-INCH. UNIT TO BE SUSPENDED FROM CEILING.
10. COATING - PERMATECTOR.
11. BEARINGS - L10 STANDARD LIFE, 361k HOURS AT OPERATING POINT.
12. HOUSING - PERMALOCK.
13. UL LISTED FOR 705 "POWER VENTILATORS" AND ACMA RATED.
13. POLISHED STEEL SHAFT.
14. ACCESS DOOR - BOLTED.
15. EXTENDED LUBE LINES - NYLON.
16. SURE-AIRE FLOW STATION (NO ELECTRONICS).
17. INLET CONNECTION, SLIP FIT.
18. OUTLET FLANGE, SLIP FIT.
19. MOTOR COVER, STEEL CONTRUCTION.
20. STANDARD FASTENERS.
21. UNIT WARRANTY: 1 YEAR (STANDARD).
22. ALL DAMPERS (EA, SA, & RA) ARE REMOTE & PART OF AHU SYSTEM.
23. DAMPER, GRAVITY, GALVANIZED BLADE, PARALLEL, MOUNTED, WITH MILL FINISH.
24. INTERLOCK EXHAUST FAN WITH ASSOCIATED UNIT & AUTOMATIC TEMPERATURE CONTROL SYSTEM.
25. SPARE BELTS (2 SETS).

UNIT VENTILATOR SCHEDULE

TAG	CLASSROOM	MANUFACTURER	MODEL NO.	UNIT TYPE	UNIT CONFIGURATIONS			SUPPLY FAN DATA				HOT WATER HEATING COIL DATA					DX COOLING COIL DATA							ELECTRICAL DATA				PHYSICAL DATA				NOTES
					SUPPLY AIR	RETURN AIR	OUTSIDE AIR	AIRFLOW		MOTOR		HTG. CAP	FLOW	WPD	AIR TEMP		WATER TEMP		CAPACITY		AIR TEMP.			REFRIG. TYPE	V/HP/HZ	FLA	MCA	MOP	DEPTH OR LENGTH	WIDTH	HEIGHT	WEIGHT	
								TOTAL CFM	O.A. CFM	TYPE	SIZE (HP)	(MBH)	(GPM)	MAX (FT)	ENT (F)	LVG (F)	ENT (F)	LVG (F)	NOM. TONS	EVAP. SAT. TEMP (F)	TOTAL MBH	SENS. MBH	EAT DB/WB (F)	LAT DB/WB (F)			(AMPS)	(AMPS)	(AMPS)	(IN)	(IN)	(IN)	(LBS)	
UV-120A	DR ED CR-121A	CARRIER	40UV10750	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	750	190	HS-ECM	1/2	25	2.5	10.0	52.3	83.1	190	170	2.0	45	23.7	14.7	80/67	62.3/57.0	R-454B	115/1/60	6.8	8.5	15	21.83	62	30.26	445	1-10
UV-121A	SCI CR-121A	CARRIER	40UV11500	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,500	410	HS-ECM	1/2	52	5.2	10.0	50.9	83.0	190	170	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	1-10
UV-122A	SCI CR-122A	CARRIER	40UV11500	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,500	510	HS-ECM	1/2	64	6.4	10.0	46.2	85.7	190	170	4.0	45	48.4	30.1	80/67	61.9/56.8	R-454B	115/1/60	6.8	8.5	15	21.83	98	30.26	630	1-10
UV-238A	CR-238A	CARRIER	40UV11250	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,250	320	HS-ECM	1/2	42	4.2	10.0	52.1	83.2	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	1-10
UV-239A	CR-239A	CARRIER	40UV11250	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,250	310	HS-ECM	1/2	42	4.2	10.0	52.6	83.8	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	1-10
UV-240A	CR-240A	CARRIER	40UV11250	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,250	330	HS-ECM	1/2	45	4.5	10.0	51.5	84.9	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	1-10
UV-241A	CR-241A	CARRIER	40UV11250	VERT., FLR.	TOP GR.	BOTT. GR.	EXIST WB/GR	1,250	390	HS-ECM	1/2	52	5.2	10.0	48.2	86.7	190	170	3.5	45	42.1	26.2	80/67	61.1/56.3	R-454B	115/1/60	6.8	8.5	15	21.83	86	30.26	570	1-10

NOTES:

1. UNIT VENTILATOR PROVIDED WITH FACTORY-INSTALLED AND WIRED DISCONNECT SWITCH. PROVIDE EACH UV WITH A REMOTE, WALL-MOUNTED LOW-VOLTAGE (24V) THERMOSTAT.
2. PROVIDE FLOOR UNITS WITH 6" FALSE BACK (REAR OA & OPEN PIPE TUNNEL) FOR WALL BOX/LOUVER ALIGNMENTS.
3. UNIT COLOR TO BE SELECTED BY THE ARCHITECT. PROVIDE COLOR CHART. COORDINATE FIN TUBE OR PIPING ENCLOSURE COLOR WITH UV COLOR.
4. PROVIDE UV MANUFACTURER'S "DDC READY CONTROLS." INCLUDES FAN RELAY, 24V CONTROL CIRCUIT TRANSFORMER, SENSORS (OA, RA, SA), TERMINAL STRIP. BAS VENDOR FIELD SUPPLIES THE BACNET-COMPATIBLE CONTROLLER. SEE UV CONTROL SCHEMATIC FOR POINTS LIST.
5. PROVIDE MERV 13 FILTERS AND HIGH STATIC ECM MOTORS (WITH 3-SPEED SWITCH).
6. APPROVED DDC CONTROLLER TO BE FURNISHED, FIELD INSTALLED, AND WIRED BY ATC/DDC CONTRACTOR.
7. PROVIDE DX COOLING COIL (R-454B REFRIGERANT) FOR FUTURE CONNECTION TO CONDENSING UNIT.
8. PROVIDE MANUFACTURER'S WARRANTY.
9. UNIT VENTILATORS SHALL RECONNECT TO THE EXISTING WALL BOX AND OUTSIDE AIR INTAKE LOUVERS.
10. FACTORY-INSTALLED A2L REFRIGERANT LEAK DETECTION SYSTEM WITH REQUIRED DEVICES (FOR FUTURE COOLING/CONDENSING UNIT).

IN-LINE EXHAUST FAN SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL NO.	TYPE	DRIVE	AIRFLOW	ESP	FAN SPEED	SOUND POWER	MOTOR DATA				PHYSICAL DATA						NOTES
											V/PH/HZ	HP	TYPE	FLA	DUCT CONN.		DIMENSIONS			WEIGHT	
															IN	OUT	H	W	L		
							(CFM)	(IN WG)	(RPM)	(SONES)				(AMPS)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
TX-1	B. LOCKERS, TOILETS	ABV. CLG.	GREENHECK	CSP-A1750	INLINE, DUCTED	DIRECT	1,105	0.5	986	4.5	115/1/60	0.07	ODP	10.3	32.5x13	28x6	14.75	36.75	14.75	70	1-13
TX-2	G. LOCKERS, TOILETS	ABV. CLG.	GREENHECK	CSP-A1750	INLINE, DUCTED	DIRECT	1,105	0.5	986	4.5	115/1/60	0.07	ODP	10.3	32.5x13	28x6	14.75	36.75	14.75	70	1-13

NOTES:

1. MOTOR WITH THERMAL OVERLOAD.
2. MOTOR WITH CSA APPROVAL.
3. MOTOR WITH 40 DEGREE C AMBIENT TEMPERATURE (104 DEG F).
4. UL 507 LISTED - ELECTRIC FAN, AMCA CERTIFIED.
5. SOLID STATE SPEED CONTROL, 10 AMP, SHIPPED LOOSE.
6. NEOPRENE VIBRATION ISOLATOR KITS, SHIPPED LOOSE.
7. ADJUSTABLE "EASY-INSTALLATION" MOUNTING BRACKETS.
8. ALUMINUM WHEEL MATERIAL.
9. ACOUSTICAL INSULATED HOUSING FOR NOISE & CONDENSATION CONTROL.
10. OUTLET COLLAR WITH SPRING LOADED BACKDRAFT DAMPER.
11. PROVIDE WITH DISCONNECT SWITCH, NEMA 1, FACTORY-MOUNTED AND WIRED.
12. INTERLOCK EXHAUST FAN WITH ASSOCIATED HV UNIT & BMS/AUTOMATIC TEMP CONTROL SYSTEM.
13. MANUFACTURER'S STANDARD WARRANTY.

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05/31/2028 Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL SCHEDULES

DRAWING No.

HS-M 601.00

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LOUVER SCHEDULE

TAG	SERVICE	MANUFACTURER	MODEL NO.	TYPE	STYLE	AIRFLOW (CFM)	PRESS. DROP (IN WG)	FREE AREA (SQ FT)	AIR VELOCITY (FPM)	DIMENSIONS WIDTH (IN)	DIMENSIONS HEIGHT (IN)	DIMENSIONS DEPTH (IN)	NOTES
L-1	WRESTLING ROOM	GREENHECK	ESD-435	CONVENTIONAL STATIONARY	INTAKE	1,500	0.03	3.10	484	36	26	4	1-5
L-2	WRESTLING ROOM	GREENHECK	ESD-435	CONVENTIONAL STATIONARY	EXHAUST	1,500	0.03	3.10	484	36	26	4	1-5
L-3	MAKER SPACE	GREENHECK	ESD-435	CONVENTIONAL STATIONARY	INTAKE	1,500	0.03	3.20	474	40	24	4	1-5

NOTES:
1. PROVIDE 2-COAT 70% KYNAR / 100% FLUOROPOLYMER COATING (COORDINATE COLOR WITH OWNER).
2. PROVIDE ALUMINUM BIRD SCREEN.
3. PROVIDE 1 YEAR PRODUCT WARRANTY & 10 YEAR FINISH WARRANTY.
4. PROVIDE ACMA CERTIFICATION.
5. PROVIDE DUCT PLENUM BOX BEHIND LOUVER AS REQUIRED FOR OUTSIDE AIR OR EXHAUST AIR DUCT CONNECTION / TRANSITION.

DIFFUSER, REGISTER, & GRILLE SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	MOUNT TYPE	MODULE SIZE (INCH)	NECK SIZE (INCH)	AIRFLOW RANGE (CFM)	MAX NC RATING	MAX PRESS LOSS (IN WG)	NOTES
SG-1	SUPPLY GRILLE	TITUS	300RL	SURFACE	NECK + 2"	36x6	0-700	20	0.05	1,3-4
SG-2	SUPPLY GRILLE	TITUS	300RL	SURFACE	NECK + 2"	36x12	0-1100	20	0.05	1,3-4
TG	TRANSFER GRILLE	TITUS	355RL	SURFACE	NECK + 2"	42x12	0-1600	20	0.05	2-4
EG	EXHAUST GRILLE	PRICE INDUSTRIES	80	SURFACE	NECK + 1.25"	72x12	0-6000	40	0.062	3,5

NOTES:
1. SUPPLY GRILLE SHALL BE STEEL CONSTRUCTION WITH DOUBLE DEFLECTION BLADES SPACED AT 3/4".
2. TRANSFER GRILLES SHALL BE STEEL CONSTRUCTION WITH 35-DEGREE FIXED DEFLECTION BLADES SPACED AT 1/2".
3. EXHAUST GRILLE SHALL BE ALUMINUM CONSTRUCTION, WITH 1/2" x 1/2" x 1/2" EGG CRATE CORE AND BAKED-ON POWDER COAT FINISH.
4. PROVIDE DEVICES WITH OPPOSED BLADE VOLUME DAMPERS.
5. COLOR SELECTION BY ARCHITECT.

VARIABLE FREQUENCY DRIVE SCHEDULE

TAG	ASSOCIATED PUMP	MOTOR DATA QTY	MOTOR DATA VOLTAGE	MOTOR DATA HP	ENCLOSURE RATING	HARMONIC MITIGATION	DISCONNECT	BYPASS	VFD ISOLATION SWITCH (YES/NO)	VFD MIN. SCCR	BASIS OF DESIGN	NOTES
VFD-P-2A	PUMP P-2A	1	208V	15	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-046A-2+F267	1-13
VFD-P-2B	PUMP P-2B	1	208V	5	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-017A-2+F267	1-13
VFD-P-8A	PUMP P-8A	1	208V	3	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-10A6-2+F267	1-13
VFD-P-8B	PUMP P-8B	1	208V	3	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-10A6-2+F267	1-13
VFD-P-10A	PUMP P-10A	1	208V	3	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-10A6-2+F267	1-13
VFD-P-10B	PUMP P-10B	1	208V	3	UL TYPE 1	5% IMPEDANCE	CIRCUIT BREAKER	FVNR (VERTICAL)	YES	100 KA	ABB ACH580-VCR-10A6-2+F267	1-13

NOTES:
1. AT MINIMUM, VFD SHALL INCLUDE 5% IMPEDANCE VIA 5% AC LINE REACTOR OR DUAL DC BUS CHOKES SIZED TO 5% EQUIVALENT IMPEDANCE. VFD INPUT AMPS SHALL NOT EXCEED VFD OUTPUT AMPS.
2. PROVIDE UL1449 SURGE SUPPRESSION DEVICE.
3. VFD SHALL INCLUDE ALPHA-NUMERIC KEYPAD INTERFACE, WITH DISPLAY IN PLAIN ENGLISH. (DISPLAYS RELYING SOLELY ON CODES ARE NOT ACCEPTABLE).
4. PROVIDE INTERNAL EMI/RFI FILTER PER IEC 61800-3.
5. VFD SHALL BE BTL LISTED FOR BACNET MS/TP, AND ALSO INCLUDE MODBUS AND N2.
6. VFD SHALL INCLUDE REAL TIME CLOCK WITH BATTERY BACKUP (INCLUDE 10 YEAR BATTERY).
7. PHASE LOSS PROTECTION & BROKEN BELT (LOSS OF LOAD) INDICATION WHILE IN BYPASS.
8. BYPASS CONTACTORS SHALL BE POWERED BY SWITCH MODE POWER SUPPLY, ALLOWING +30% TO -30% INPUT VOLTAGE TOLERANCE. (120 V CPT NOT ALLOWED).
9. VFD AND BYPASS SHALL BOTH INCLUDE BACNET MS/TP, DAMPER CONTROL AND FIREMAN'S OVERRIDE FUNCTIONALITY.
10. BYPASS OPERATION TO AUTO-RESET AFTER A BROWN OUT CONDITION.
11. INCLUDE FAST ACTING DRIVE ISOLATION FUSES.
12. BYPASS SHALL BE FULLY FUNCTIONAL IN THE EVENT OF A VFD FAILURE. BYPASS SHALL NOT RELAY ON THE VFD OR THE VFD'S CONTROL BOARD/RELAYS.
13. SYSTEM TO MEET IEEE 519-2014 BASED ON THE HARMONIC MITIGATION METHOD(S) IDENTIFIED IN THE ABOVE SCHEDULE.

UTILITY SET EXHAUST FAN SCHEDULE

TAG	SERVICE	LOCATION	MANUFACTURER	MODEL NO.	TYPE	WHEEL ROTATION	DISCHARGE POSITION	DRIVE	AIRFLOW (CFM)	TOTAL EXT SP (IN WG)	SPEED (RPM)	EFF. FEI	SOUND POWER IN/OUT SONES	MOTOR DATA V/PH/HZ	MOTOR DATA HP	MOTOR DATA FLA	MOTOR DATA MCA	MOTOR DATA MOCP	PHYSICAL DATA DUCT CONN. INLET DIA. (IN)	PHYSICAL DATA DUCT CONN. OUTLET WxH (IN)	PHYSICAL DATA FAN DIMENSIONS H (IN)	PHYSICAL DATA FAN DIMENSIONS L (IN)	PHYSICAL DATA FAN DIMENSIONS W (IN)	PHYSICAL DATA WEIGHT (LBS)	NOTES
AR-6	1ST FLOOR CLASSROOMS	1ST FLOOR BOILER ROOM	GREENHECK	USF-18-B6	CENTRIFUGAL BLOWER	CW	UB	DIRECT	3,400	0.83	1,166	1.41	16.9 / 16.2	208/3/60	3.0	9.7	12.1	20	24	13.8 x 19.2	39	43	35	256	1-12
EF-BL	BOY'S LOCKER ROOM	STORAGE ROOM 34-3	GREENHECK	USF-18-B6	CENTRIFUGAL BLOWER	CCW	TH	DIRECT	3,300	1.31	1,257	1.48	16.3 / 16.3	208/3/60	3.0	9.7	12.1	20	24	13.8 x 19.2	39	43	35	256	1-12

NOTES:
1. EXHAUST FANS SHALL BE INTERFACED WITH THE FACILITY'S EXISTING ATC/DDC SYSTEM.
2. FAN IS INTENDED TO BE A REPLACEMENT-IN-KIND. AIRFLOW AND STATIC PRESSURE READINGS BASED ON OBTAINED TESTING AND BALANCING MEASUREMENTS. PROVIDE ALL REQUIRED INTERLOCKS.
3. RE-INTEGRATE FAN INTO EXISTING CONTROLS SEQUENCES (FIELD-VERIFY).
4. FAN WHEEL: CENTRIFUGAL, BACKWARD INCLINED, COATED STEEL.
5. FANS SHALL HAVE ELECTRONICALLY COMMUTATED (EC) MOTORS WITH DIAL-ON-MOTOR FOR BALANCING.
6. HOUSING: STEEL CONSTRUCTION WITH BOLTED FRAME & PERMALOCK SEAM, PERMATECTOR COATING.
7. VIBRATION ISOLATION: DIRECT MOUNT, RESTRAINED SPRING. FAN TO BE SUSPENDED FROM CEILING ABOVE.
8. PROVIDE EACH FAN WITH A DISCONNECT SWITCH, NEMA 1, SHIPPED LOOSE FOR FIELD-INSTALLATION.
9. PROVIDE WITH THE MANUFACTURER'S STANDARD WARRANTY. INSTALL AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
10. INTERFACE FAN WITH THE BUILDING'S EXISTING ATC/DDC SYSTEM.
11. FANS SHALL BE UL LISTED FOR 705 "POWER VENTILATORS" AND AMCA RATED.
12. DAMPER, GRAVITY, GALVANIZED BLADE, PARALLEL, MOUNTED, WITH MILL FINISH.

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05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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W. MAGIERA	W. MAGIERA	K. WEILER	C. MORRIS

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT M
MECHANICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

MECHANICAL SCHEDULES

DRAWING No.

HS-M 602.00

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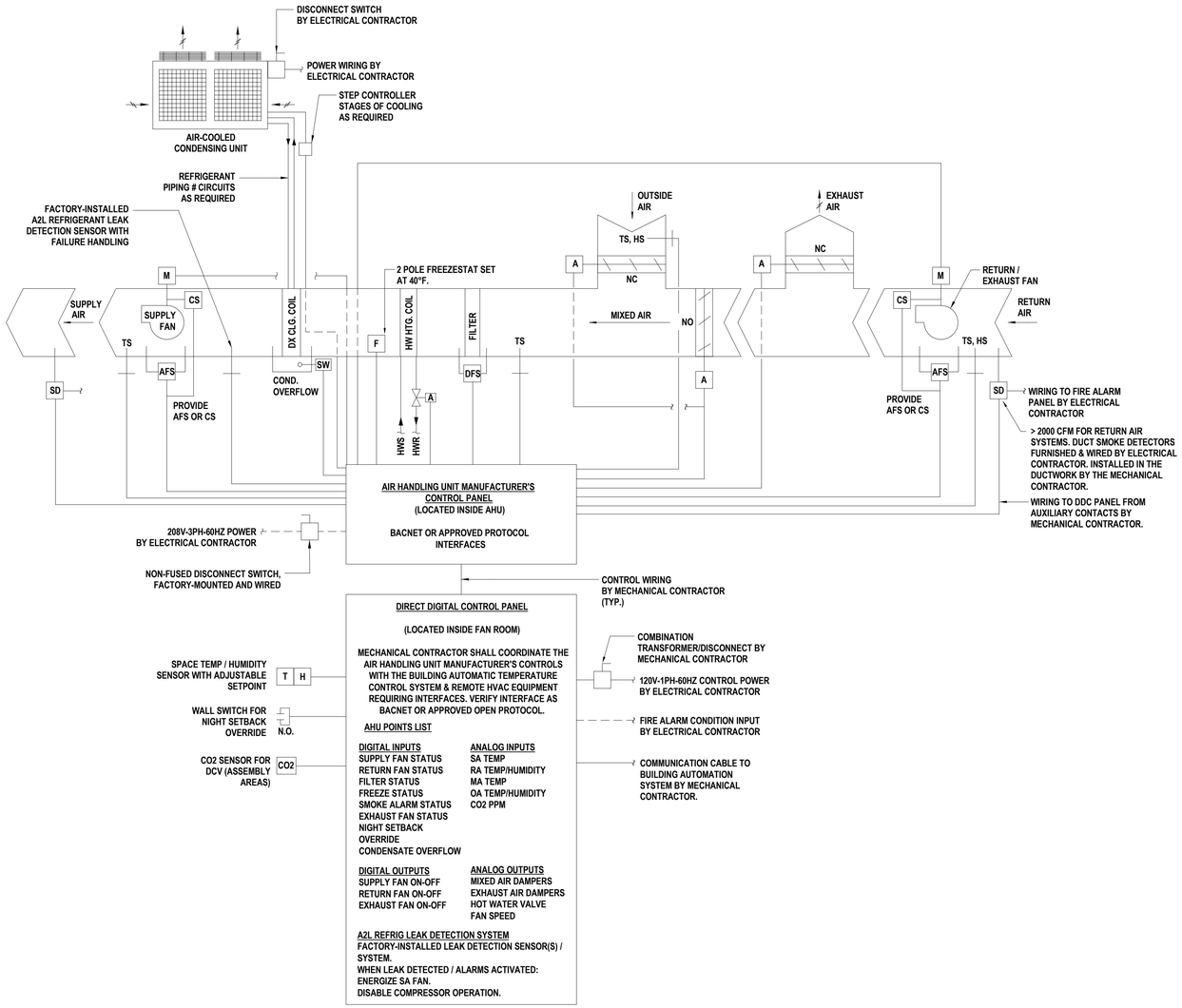

1 AUDITORIUM AIR HANDLING UNIT (AHU-1, AHU-2) & SPLIT CONDENSING UNIT (CU-1, CU-2) CONTROL DIAGRAM

SCALE: NTS

CONTROLS LEGEND, SYMBOLS AND ABBREVIATIONS

A	ACTUATOR
AFS	AIRFLOW SWITCH
AFMS	AIRFLOW MONITORING STATION
AHU	AIR HANDLING UNIT
ATC	AUTOMATIC TEMPERATURE CONTROLS
BAS	BUILDING AUTOMATION SYSTEM
BDD	BACKDRAFT DAMPER
BSB	BRANCH SELECTOR BOX
CO2	CARBON DIOXIDE
CS	CURRENT SENSOR
CU	CONDENSING UNIT
DDC	DIRECT DIGITAL CONTROLS
DFS	DIRTY FILTER SWITCH
DSD	DUCT SMOKE DETECTOR
DX	DIRECT EXPANSION
EA	EXHAUST AIR
ECM	ELECTRONICALLY COMMUTATED MOTOR
EF	EXHAUST FAN
ES	END SWITCH
F	FREEZESTAT
HOA	HAND-OFF-AUTOMATIC
HP	HEAT PUMP
HS	HUMIDITY SENSOR
KEF	KITCHEN EXHAUST FAN
M	MOTOR
MA	MIXED AIR
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OCC	OCCUPANCY SENSOR
PTHP	PACKAGED TERMINAL HEAT PUMP
R	RELAY
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SC	SPEED CONTROLLER
SF	SUPPLY FAN
SP	STATIC PRESSURE SENSOR
SW	SWITCH
T	THERMOSTAT
TEMP	TEMPERATURE
TS	TEMPERATURE SENSOR
UV	UNIT VENTILATOR
VFD	VARIABLE FREQUENCY DRIVE
VRF	VARIABLE REFRIGERANT FLOW

GENERAL NOTES:

1. ALL POWER WIRING ABOVE 120V TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, INCLUDING POWER WIRING FOR ALL CONTROL PANELS.
2. ALL WIRING SHALL BE INSTALLED IN APPROPRIATELY SIZED E.M.T. INSTALLATION FOR ALL ELECTRICAL DEVICES. WIRING SHALL FOLLOW WIRING METHODS SPECIFIED ON THE CONTRACT "E" DRAWINGS AND SPECIFICATIONS.
3. LOW VOLTAGE "CONTROL" WIRING SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR, EXCEPT AS NOTED.
4. REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATIONS. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
5. UNITARY CONTROLLERS SHALL HAVE INTERNAL CONTROL LOGIC CAPABLE OF FULL OPERATION OF THE EQUIPMENT IN THE EVENT THE EQUIPMENT IS NOT CONNECTED TO THE BMS.

THERMOSTAT NOTES:

1. ALL THERMOSTATS SHALL HAVE LOCKING COVERS TO PREVENT TAMPERING AND VANDALISM.

MOTOR STARTER NOTES:

1. ALL SAFETY DEVICES SHALL BE WIRED SO THEY STOP THE MOTOR WITH THE HAND-OFF-AUTO SWITCH IN THE HAND AS WELL AS THE AUTO POSITION. THIS WILL NORMALLY MEAN BREAKING THE COMMON WIRE FROM THE HAND-OFF-AUTO TO THE STARTER'S HOLDING COIL THRU THE SAFETY DEVICES.

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05/31/2028
Exp. Date

J. CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 057554

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SED #: 66-21-01-06-0-003-023

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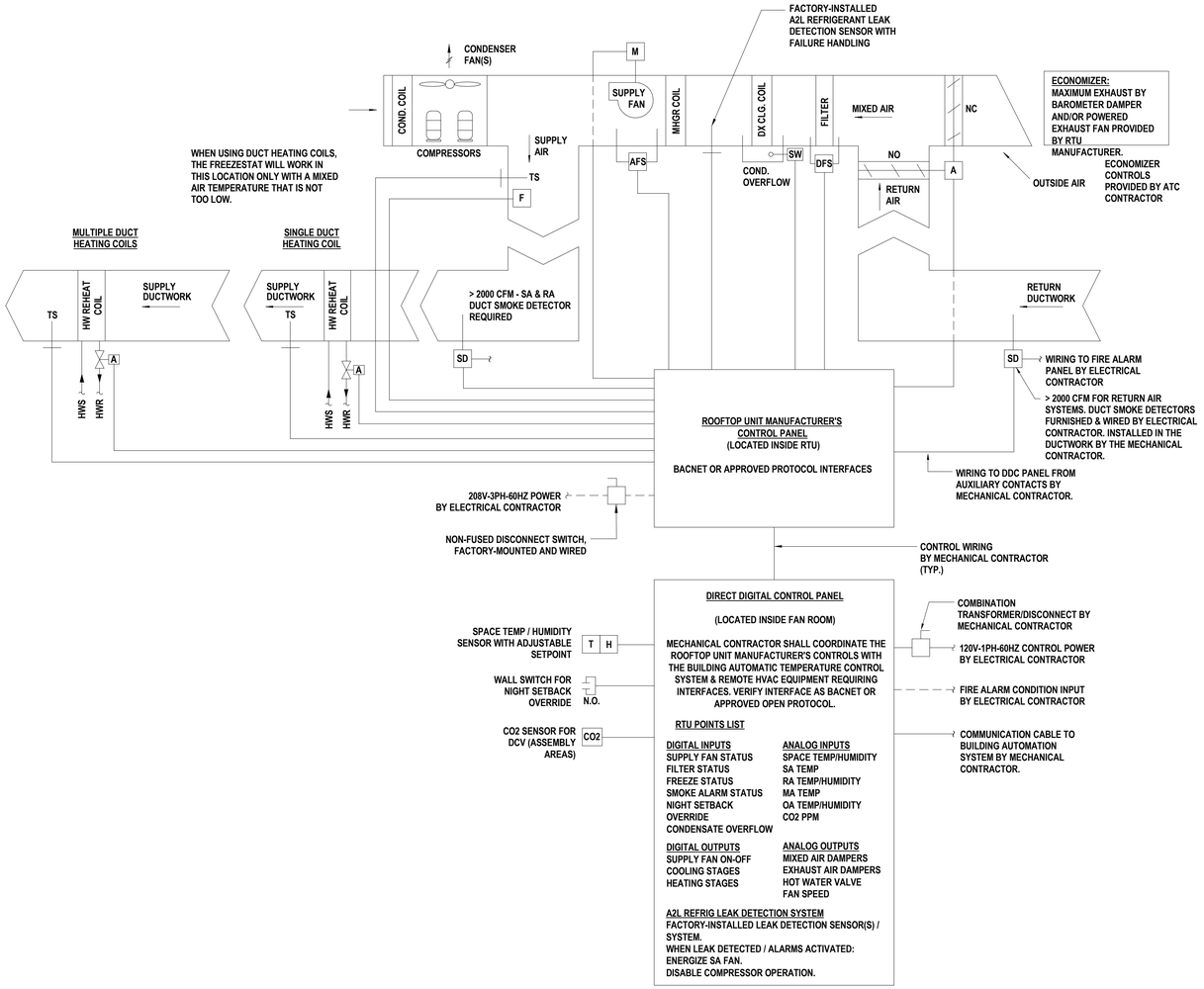
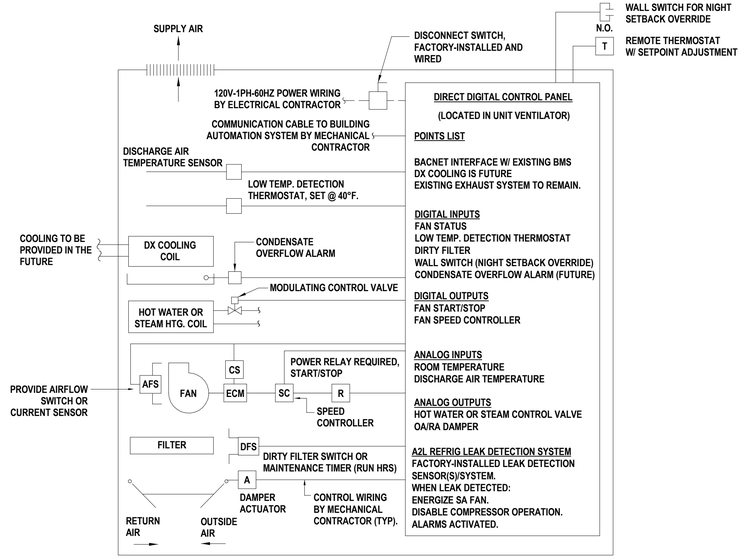


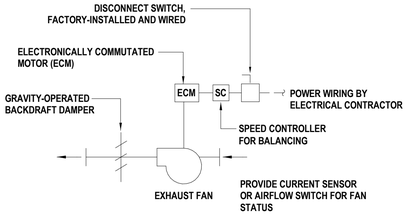
1 AUDITORIUM ROOFTOP UNIT (RTU-3) CONTROL DIAGRAM

SCALE:NTS



2 UNIT VENTILATOR (UV) CONTROL DIAGRAM

SCALE:NTS



3 EXHAUST FAN (EF) CONTROL DIAGRAM

SCALE:NTS

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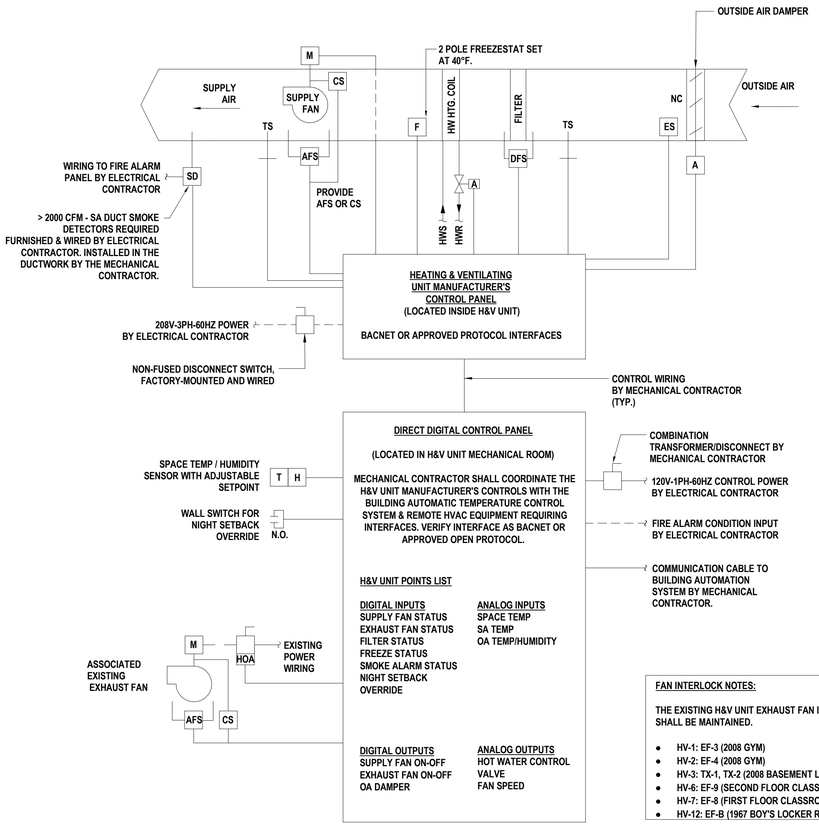
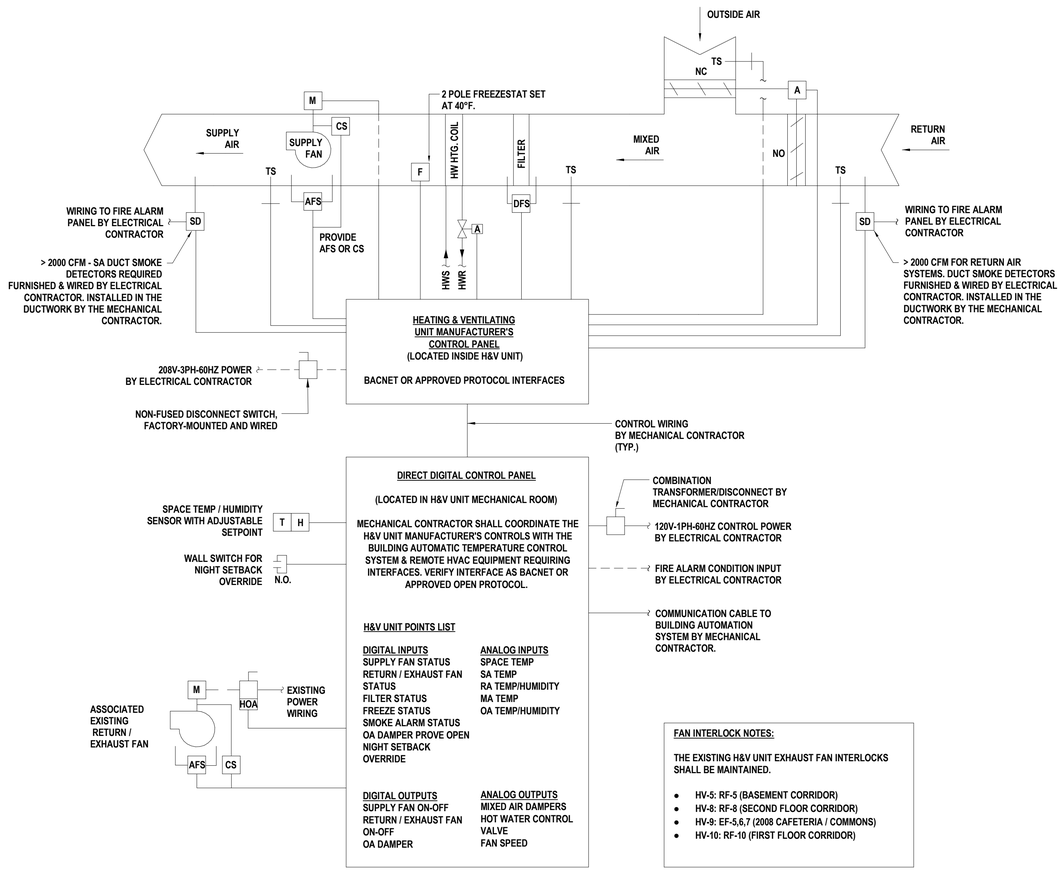


1 HEATING & VENTILATING UNIT (HV-1,2,3,6,7,12) CONTROL DIAGRAM

SCALE:NTS



2 HEATING & VENTILATING UNIT (HV-5,8,9,10,11) CONTROL DIAGRAM

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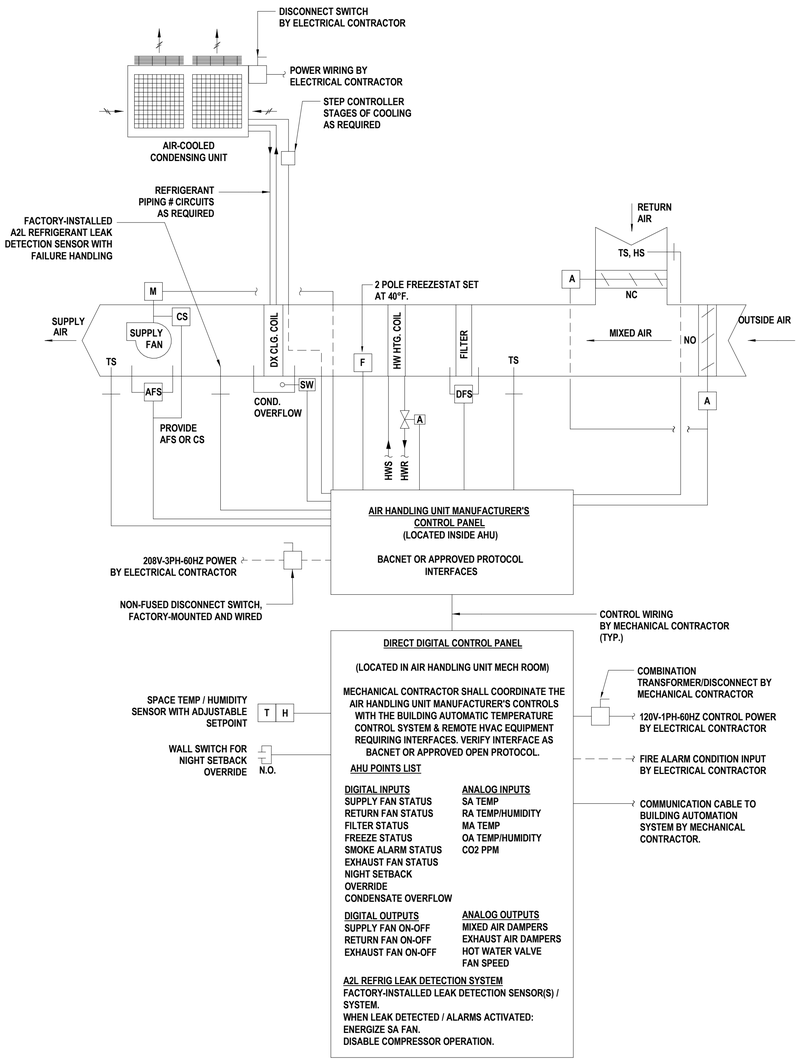
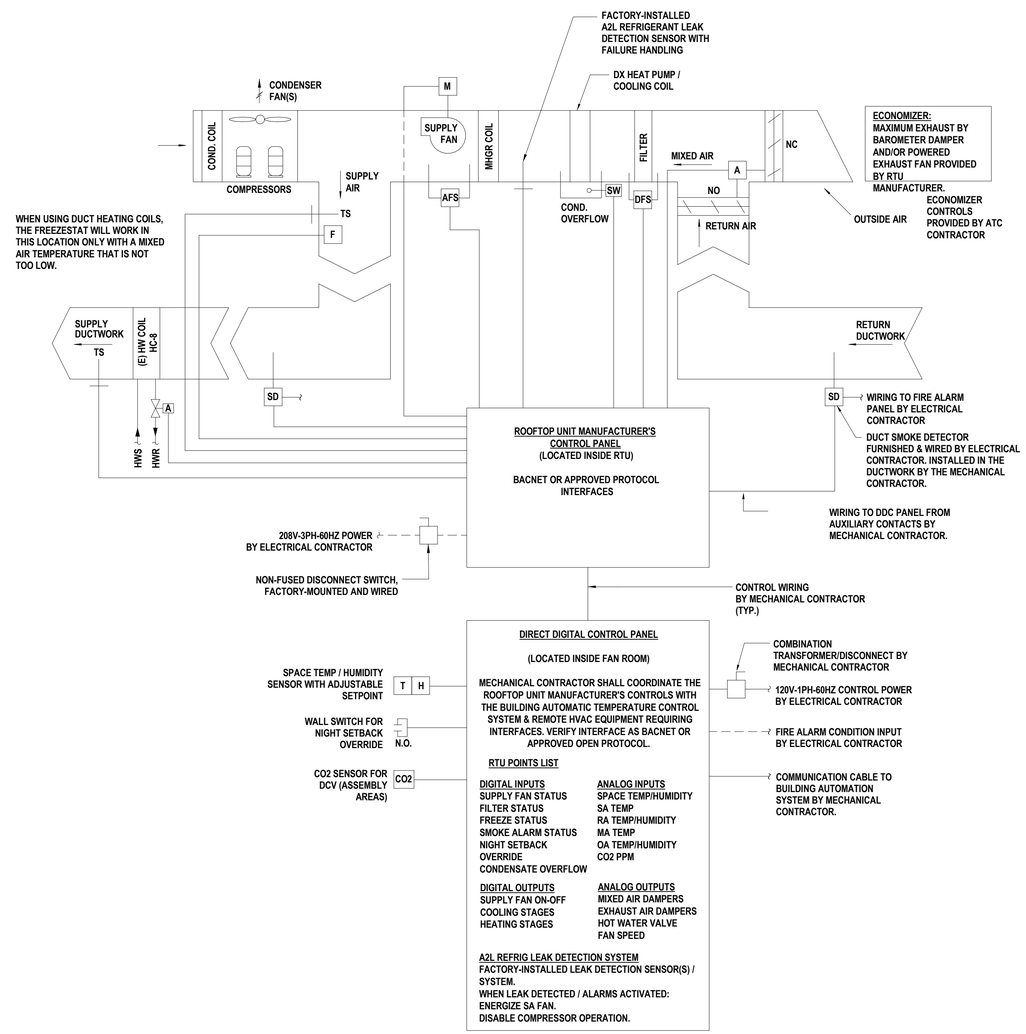


1 MAKER SPACE AIR HANDLING UNIT (AHU-158C) & SPLIT CONDENSING UNIT (CU-158C) CONTROL DIAGRAM

SCALE:NTS



2 STUDENT LOUNGE ROOFTOP UNIT (RTU-130A) CONTROL DIAGRAM

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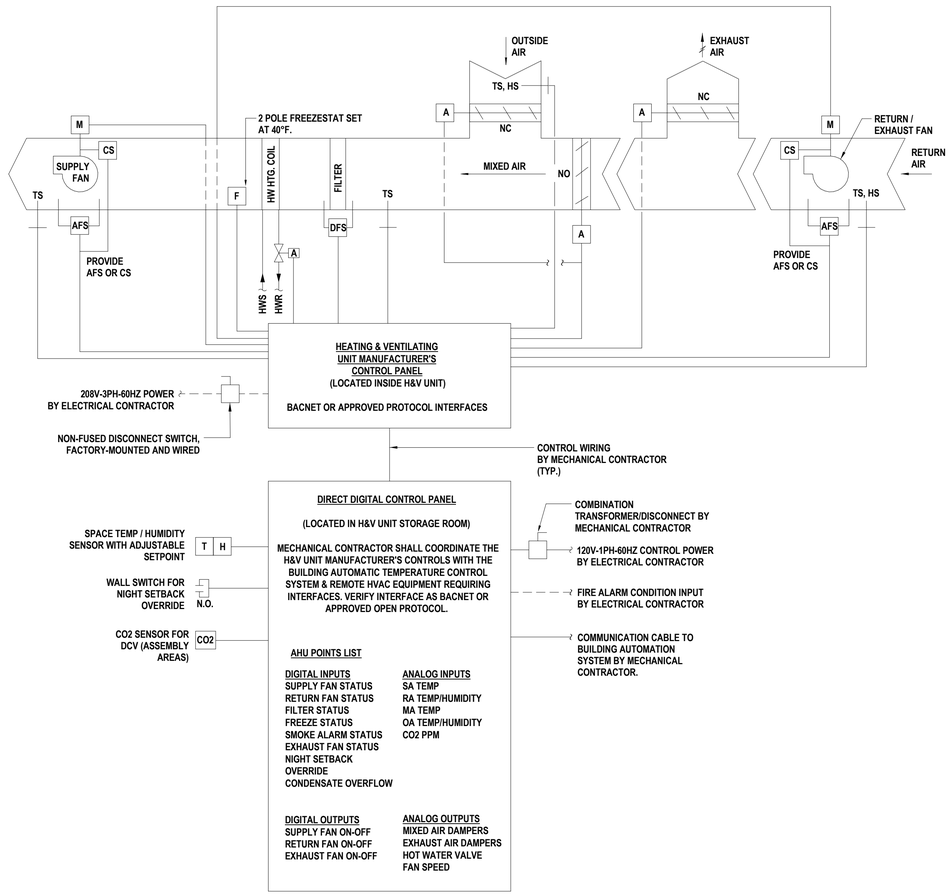

1 WRESTLING ROOM HEATING & VENTILATING UNIT (HV-27) CONTROL DIAGRAM

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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	COMMENTS
S_3	THREE - WAY SWITCH	46" AFF TO CL UON
S_4	FOUR - WAY SWITCH	46" AFF TO CL UON
S_I	ILLUMINATED SWITCH	46" AFF TO CL UON
S^A	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON
S_D	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON
S_{3D}	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON
S_K	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON
S_{K3}	KEYED THREE - WAY SWITCH	46" AFF TO CL UON
S_{K4}	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON
S_M	HORSEPOWER RATED SWITCH, WITH INDICATOR (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	46" AFF
S_P	SWITCH AND PILOT LIGHT	
S_T	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	
S_{OS}	OCCUPANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT	
TC	TIME CLOCK	
PC	PHOTOCELL	
PB	PUSH BUTTON	
E,G	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS	
OS	OCCUPANCY SENSOR, CEILING MOUNT	
	OCCUPANCY SENSOR POWER PACK, MOUNTED ABOVE CEILING	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	5 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB	
LP1-35	DEDICATED HOME RUN TO PANEL LP1 FOR CIRCUIT No. 35 ONLY. 2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
TL	120V, 20 A TWIST LOCK RECEPTACLE.	46" AFF TO CL UON
	DUPLEX RECEPTACLE: 120V, 20A.	46" AFF TO CL UON
	QUAD RECEPTACLE, DOUBLE DUPLEX RECEPTACLE: 120V, 20A.	46" AFF TO CL UON
C	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "C" INDICATES CEILING MOUNT.	46" AFF TO CL UON
	DUPLEX RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	46" AFF TO CL UON
IG	ISOLATED GROUND DUPLEX RECEPTACLE.	46" AFF TO CL UON
GFI	DUPLEX RECEPTACLE: 120V, 20A; WITH GROUND FAULT INDICATOR.	46" AFF TO CL UON
CT	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "CT" INDICATES COUNTER TOP.	46" AFF TO CL UON
WP	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "WP" INDICATED WEATHER PROOF	46" AFF TO CL UON
	SPECIAL PURPOSE OUTLET: VERIFY NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER.	46" AFF TO CL UON
TL	TWISTED LOCK RECEPTACLE: 125V, 20A, 3 WIRE; UNLESS OTHERWISE NOTED.	46" AFF TO CL UON
	SURFACE RACEWAY WITH 2 GROUNDED AND ISOLATED TYPE DUPLEX RECEPTACLES AND 1 DATA OUTLET PER POSITION, 18" AFF UNLESS OTHERWISE NOTED.	
	TELEPHONE/POWER POLE	
M	MAGNETIC STARTER.	
D	DISCONNECTION SWITCH.	
J	JUNCTION BOX	
J4X	NEMA 4X STAINLESS STEEL JUNCTION BOX WITH GASKET COVER.	
JS	JUNCTION BOX RECESSED IN WALL WITH BLANK COVER, PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.	
JM	FOR MONITOR, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING.	
T T1	TRANSFORMER "T1"; SEE TRANSFORMER SCHEDULE.	
	ELECTRICAL PANEL "P1", RECESSED; SEE PANEL SCHEDULE.	
P1	ELECTRICAL PANEL "P1", SURFACE MOUNT; SEE PANEL SCHEDULE.	
	CONDUIT GOING UP.	
	CONDUIT GOING DOWN.	
	PULLBOX	
T	TELEPHONE. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
TV	CABLE TELEVISION. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D	DATA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D/T	COMBINED DATA AND TV. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
S	SECURITY CAMERA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
SV	SOLENOID VALVE.	
CR	CEILING MOUNTED CORD REEL.	

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AFC	ABOVE FINISHED CEILING
AFG	ABOVE FINISHED GRADE
AMP, A	AMPERE
ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE
AWG	AMERICAN WIRE GAUGE
BFC	BELOW FINISHED CEILING
CL	CENTERLINE
CT	COUNTERTOP
EC	ELECTRICAL CONDUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INDICATOR
PSEG	PUBLIC SERVICE ELECTRIC AND GAS COMPANY (LOCAL ELECTRIC UTILITY)
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
NTS	NOT TO SCALE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UC	UNDERCOUNTER
V	VOLTS
VAC	VOLTS ALTERNATING CURRENT
VDC	VOLT DIRECT CURRENT
X-FMR	TRANSFORMER
WP	WEATHERPROOF
EMT	ELECTRICAL METALLIC TUBING
RMC	RIGID METAL CONDUIT
(D)	DEMOLISH
(E)	EXISTING
(P)	PROPOSED

SYMBOL	DESCRIPTION	COMMENTS
T	LINE VOLTAGE THERMOSTAT, 120V, 10A.	
	CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED.	
TS1	TRANSFER SWITCH TS1; SEE TRANSFER SWITCH SCHEDULE.	
M.C.B 30A/2P PANEL "P1"	DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.	
	DISCONNECT SWITCH DS1, 100A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
DS3 100A/3P	FUSED DISCONNECT SWITCH DS2, FUSED AT 40A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
G1	GENERATOR SET G1	
M	ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.	
5	MOTOR, NUMBER INDICATED HORSEPOWER.	
	CURRENT TRANSFORMER.	
PTS	VOLTAGE TRANSFORMER.	
T2	TRANSFORMER WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.	
RVRM 10	REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.	
RVSS 150	REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.	
VFD 25	VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.	
FVNR 5	FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6	
FVR 5	FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5	
JJS	FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.	
	MULTIPLE BRANCH CIRCUITS AS REQUIRED.	
LNR	5% LINE REACTOR, UNLESS OTHERWISE NOTED	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C. UNLESS OTHERWISE NOTED ON PLANS	

CONTROLS LEGEND

SYMBOL	DESCRIPTION	COMMENTS
	PUMP OR BLOWER MOTOR	
	FLOR METER	
M	MOTOR CONTROLLED VALVE WITH LIMIT SWITCHES	
LS	LIMIT SWITCH	
FT	FLOW TRANSMITTER	
FS	FLOW SWITCH	
PT	PRESSURE TRANSMITTER	
PS	PRESSURE SWITCH	
LT	LEVEL TRANSMITTER	
LE	LEVEL ELECTRODES	
DP	DIFFERENTIAL PRESSURE TRANSMITTER	
	SOLENOID VALVE	
	PITOT TUBE AND AIR PRESSURE SWITCH	
TLDS	PITOT TUBE AND AIR PRESSURE SWITCH	
PID	PROPORTIONAL - INTEGRAL - DERIVATIVE SINGLE LOOP CONTROLLER	
SC TP—A	SINGLE CONDITIONER TIME PULSE DURATION TO ANALOG	

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SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL LEGENDS

DRAWING No.

HS-E 001.00

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GENERAL NOTES

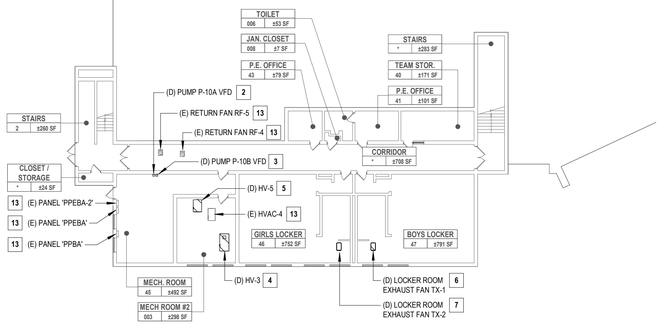
1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS (INCLUDING HVAC EQUIPMENT ELECTRICAL CHARACTERISTICS, FEEDER SIZE, PANEL FED FROM, BREAKER SIZE, ETC.) PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO COST TO THE OWNER.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
5. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
6. CONTRACTOR SHALL DISCONNECT AND REMOVE THE EXISTING LIGHT FIXTURES AND STORE FOR REINSTALLATION AFTER NEW DROP CEILINGS ARE INSTALLED. EXISTING WIRING SHALL BE MADE SAFE TO ENABLE THE INSTALLATION OF THE NEW CEILING.
7. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.

X. ELECTRICAL KEYED NOTES

1. THE CONTRACTOR SHALL TRACE OUT EACH CIRCUIT RUN FROM THE EXISTING PANEL AND LABEL WIRING WITH WHAT IT SERVES AND NOTE ALL CIRCUIT BREAKER SIZES AND NUMBER OF POLES FOR EACH CIRCUIT. THE FEED AND BRANCH CIRCUIT WIRING SHALL BE CAREFULLY DISCONNECTED FROM THE BREAKERS AND OR LUGS AND MADE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL INTERIOR AND PANEL COVER PLATE. A NEW PANEL INTERIOR KIT AND PANEL COVER PLATE SHALL BE INSTALLED UNDER THE NEW WORK BASED ON THE SCHEDULE PROVIDED ON THE NEW WORK DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-10A' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).
3. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-10B' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).
4. THE CONTRACTOR SHALL DISCONNECT EXISTING HEAT AND VENTILATING UNIT 'HV-3' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
5. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-5' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
6. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN 'TX-1' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
7. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN 'TX-2' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
8. THE CONTRACTOR SHALL DISCONNECT EXISTING RETURN FAN 'BR-6' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
9. THE CONTRACTOR SHALL DISCONNECT EXISTING HEAT AND VENTILATING UNIT 'HV-B4' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
10. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-1' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
11. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-2' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
12. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-11' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
13. EXISTING TO REMAIN.
14. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DOWNLIGHTS, EMERGENCY BATTERY PACKS, TEST SWITCHES AND PHOTOCONTROLS. MAKE WIRING SAFE TO EXTEND TO NEW DOWNLIGHTS AND CONTROLS.
15. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-8A' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).
16. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-8B' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).

X. ELECTRICAL KEYED NOTES (CONTINUED)

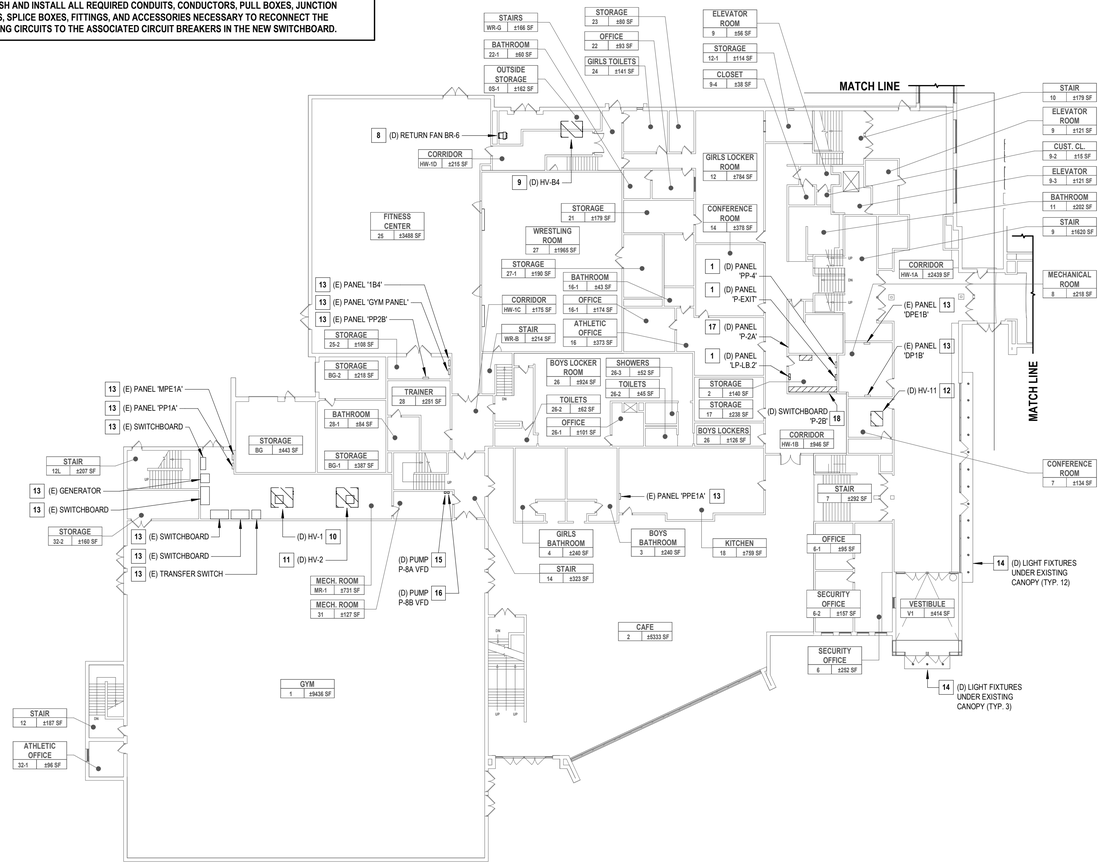
17. PRIOR TO REMOVING THE EXISTING FUSED SWITCH PANEL 'P-2A', THE CONTRACTOR SHALL TRACE AND IDENTIFY EACH EXISTING CIRCUIT AND DETERMINE THE LOAD SERVED BY EACH CIRCUIT. ALL CIRCUITS SHALL BE PERMANENTLY LABELED BEFORE ANY DISCONNECTION WORK BEGINS. AFTER THE CIRCUITS HAVE BEEN TRACED AND LABELED, THE CONTRACTOR SHALL DISCONNECT ALL EXISTING CONDUITS AND CONDUCTORS FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL DOCUMENT THE SIZE AND RATING OF EACH EXISTING FUSE AND SAFELY ISOLATE ALL CONDUCTORS TO PERMIT REMOVAL OF THE EXISTING PANEL. FOLLOWING REMOVAL OF THE EXISTING FUSED SWITCH PANEL, THE CONTRACTOR SHALL EXTEND EACH EXISTING CIRCUIT TO THE NEW CIRCUIT BREAKER PANEL. FURNISH AND INSTALL ALL REQUIRED CONDUITS, CONDUCTORS, PULL BOXES, JUNCTION BOXES, SPLICE BOXES, FITTINGS, AND ACCESSORIES NECESSARY TO RECONNECT THE EXISTING CIRCUITS TO THE ASSOCIATED CIRCUIT BREAKERS IN THE NEW PANEL.
18. PRIOR TO REMOVING THE EXISTING FUSED SWITCH SWITCHBOARD 'P-2B', THE CONTRACTOR SHALL TRACE AND IDENTIFY EACH EXISTING CIRCUIT AND DETERMINE THE LOAD SERVED BY EACH CIRCUIT. ALL CIRCUITS SHALL BE PERMANENTLY LABELED BEFORE ANY DISCONNECTION WORK BEGINS. AFTER THE CIRCUITS HAVE BEEN TRACED AND LABELED, THE CONTRACTOR SHALL DISCONNECT ALL EXISTING CONDUITS AND CONDUCTORS FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL DOCUMENT THE SIZE AND RATING OF EACH EXISTING FUSE AND SAFELY ISOLATE ALL CONDUCTORS TO PERMIT REMOVAL OF THE EXISTING PANEL. FOLLOWING REMOVAL OF THE EXISTING FUSED SWITCH SWITCHBOARD, THE CONTRACTOR SHALL EXTEND EACH EXISTING CIRCUIT TO THE NEW CIRCUIT BREAKER PANEL. FURNISH AND INSTALL ALL REQUIRED CONDUITS, CONDUCTORS, PULL BOXES, JUNCTION BOXES, SPLICE BOXES, FITTINGS, AND ACCESSORIES NECESSARY TO RECONNECT THE EXISTING CIRCUITS TO THE ASSOCIATED CIRCUIT BREAKERS IN THE NEW SWITCHBOARD.



1 BASEMENT ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 20'-0"

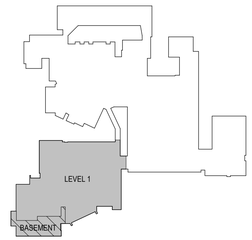
PROJECT NORTH



2 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH



3 KEY PLAN - LEVEL 1 & BASEMENT - AREA A

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2026
JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072523
Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

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120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL BASEMENT & FIRST FLOOR DEMOLITION PLAN - AREA A

DRAWING No.

HS-ED 100.00

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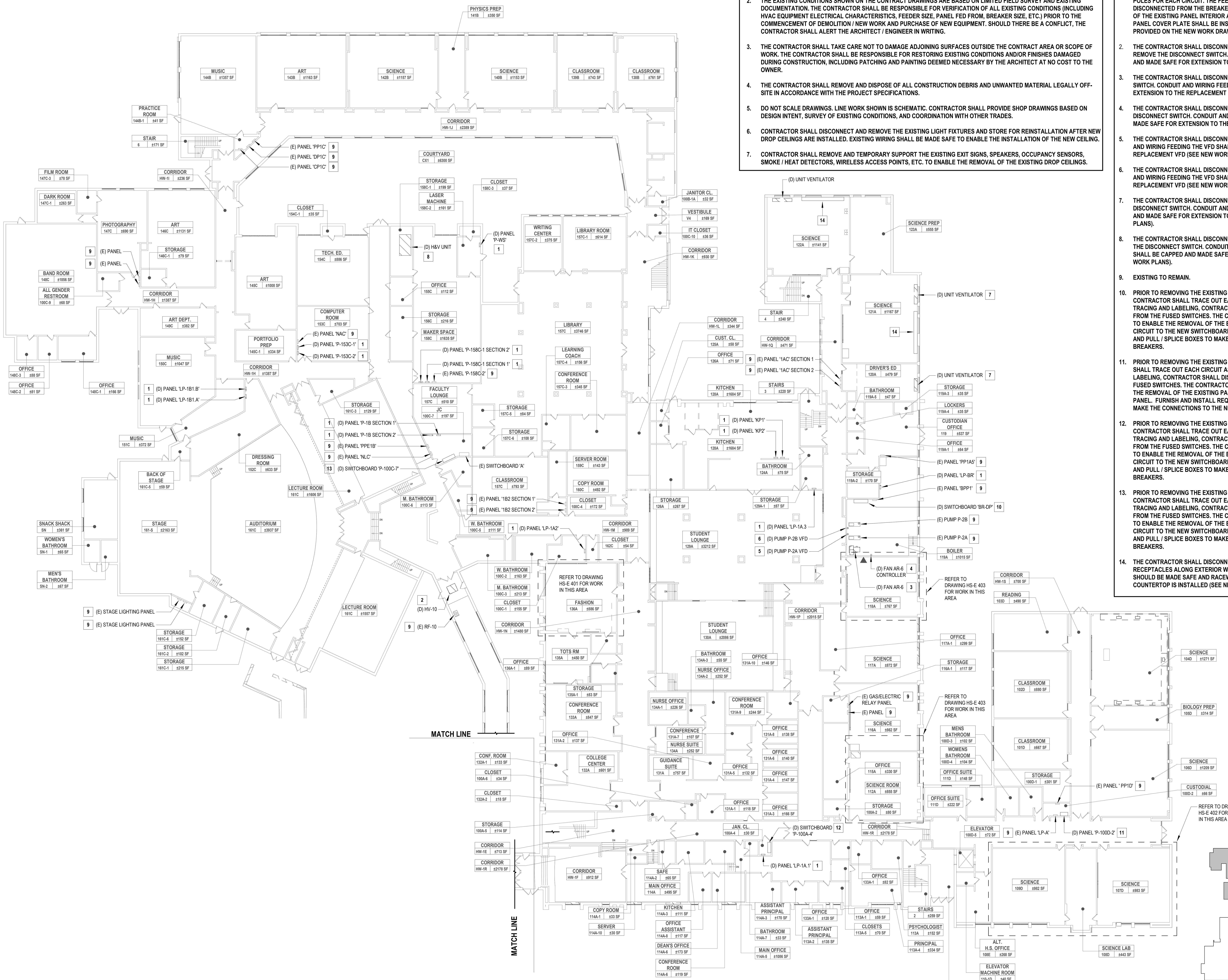
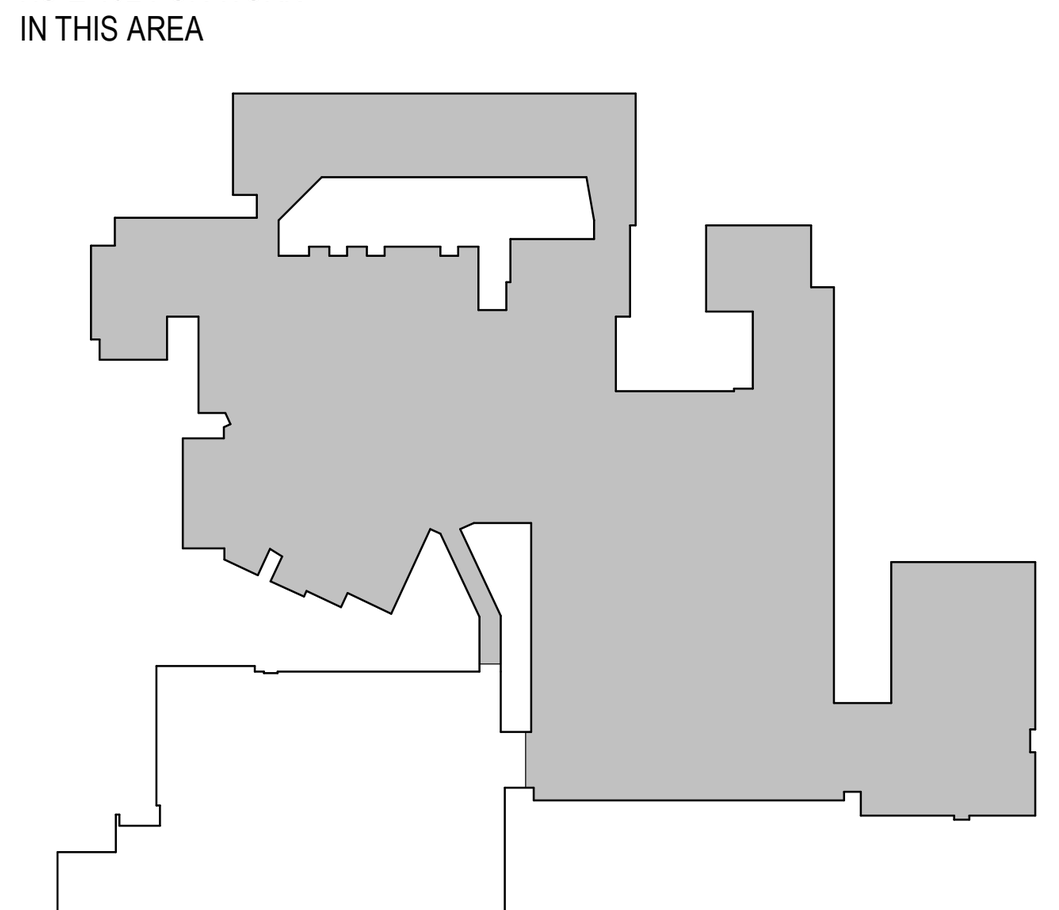


① **FIRST FLOOR ELECTRICAL DEMOLTION PLAN - AREA B**
SCALE: 1" = 20'-0"



② **AREA B 1ST FL - KEY PLAN**
SCALE: 1" = 160'-0"

GENERAL NOTES

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7. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.

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2. THE CONTRACTOR SHALL DISCONNECT EXISTING HEAT AND VENTILATING UNIT 'HV-10' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
3. THE CONTRACTOR SHALL DISCONNECT EXISTING FAN 'AR-6' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE FAN SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT FAN (SEE NEW WORK PLANS).
4. THE CONTRACTOR SHALL DISCONNECT EXISTING FAN 'AR-6' CONTROLLER AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE CONTROLLER SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT CONTROLLER (SEE NEW WORK PLANS).
5. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-2A' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).
6. THE CONTRACTOR SHALL DISCONNECT EXISTING PUMP 'P-2B' VFD AND REMOVE THE CONDUIT AND WIRING FEEDING THE VFD SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT VFD (SEE NEW WORK PLANS).
7. THE CONTRACTOR SHALL DISCONNECT EXISTING UNIT VENTILATOR AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT VENTILATOR SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT VENTILATOR (SEE NEW WORK PLANS).
8. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
9. EXISTING TO REMAIN.
10. PRIOR TO REMOVING THE EXISTING SWITCHBOARD 'BR-DP' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING MAIN SWITCHBOARD AND THEN EXTENDING EACH CIRCUIT TO THE NEW SWITCHBOARD. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW SWITCHBOARD CIRCUIT BREAKERS.
11. PRIOR TO REMOVING THE EXISTING PANEL 'P-100D-2' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL AND THEN EXTENDING EACH CIRCUIT TO THE NEW PANEL. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW PANEL CIRCUIT BREAKERS.
12. PRIOR TO REMOVING THE EXISTING SWITCHBOARD 'P-100A-4' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING MAIN SWITCHBOARD AND THEN EXTENDING EACH CIRCUIT TO THE NEW SWITCHBOARD. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW SWITCHBOARD CIRCUIT BREAKERS.
13. PRIOR TO REMOVING THE EXISTING SWITCHBOARD 'P-100C-7' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING MAIN SWITCHBOARD AND THEN EXTENDING EACH CIRCUIT TO THE NEW SWITCHBOARD. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW SWITCHBOARD CIRCUIT BREAKERS.
14. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING WIREMOLD RACEWAY AND RECEPTACLES ALONG EXTERIOR WALL TO ENABLE REMOVAL OF THE COUNTERTOP. WRING SHOULD BE MADE SAFE AND RACEWAY STORED FOR REINSTALLATION AFTER NEW COUNTERTOP IS INSTALLED (SEE NEW WORK PLAN).

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1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 ▪ www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028 Exp. Date
JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073522

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

**120 PRIMROSE ST.
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-003-023

CONTRACT
**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS
FOR BID

SHEET TITLE
**ELECTRICAL
FIRST FLOOR DEMOLITION PLAN - AREA B**

DRAWING No.
HS-ED 101.00

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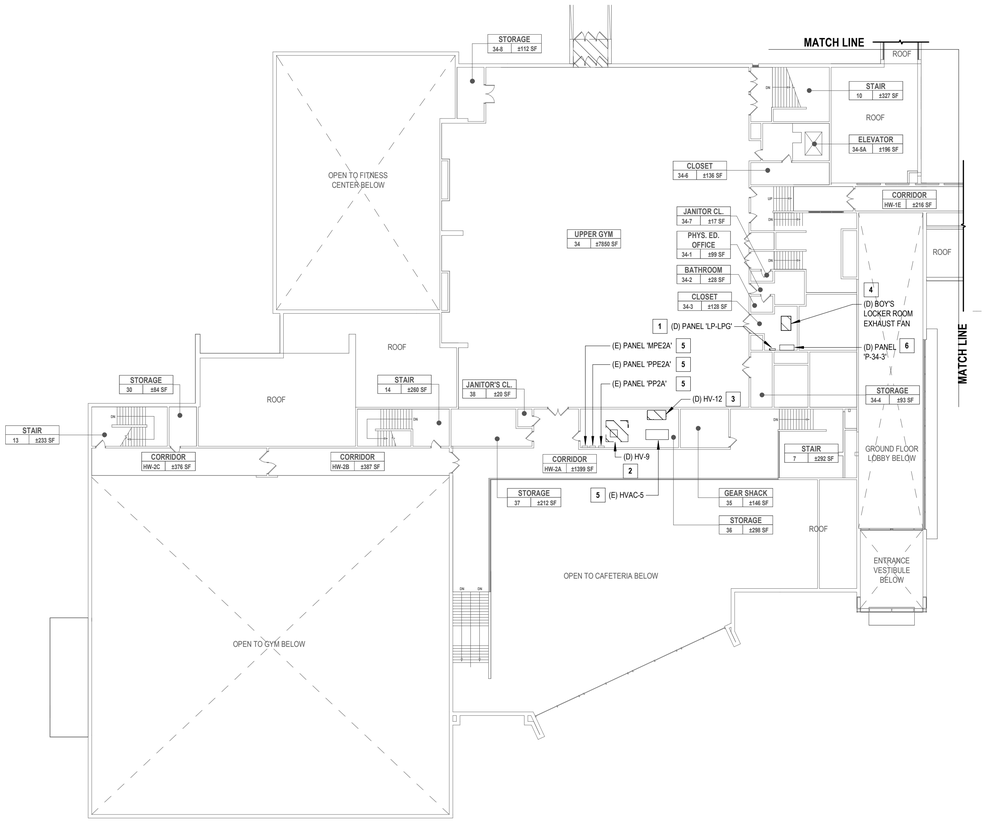

1 SECOND FLOOR ELECTRICAL DEMOLTION PLAN - AREA A

SCALE: 1" = 20'-0"

PROJECT NORTH

GENERAL NOTES

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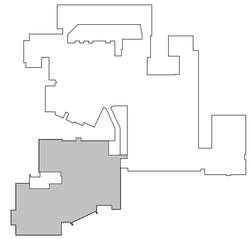
6. CONTRACTOR SHALL DISCONNECT AND REMOVE THE EXISTING LIGHT FIXTURES AND STORE FOR REINSTALLATION AFTER NEW DROP CEILINGS ARE INSTALLED. EXISTING WIRING SHALL BE MADE SAFE TO ENABLE THE INSTALLATION OF THE NEW CEILING.
7. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.

X. ELECTRICAL KEYED NOTES

1. THE CONTRACTOR SHALL TRACE OUT EACH CIRCUIT RUN FROM THE EXISTING PANEL AND LABEL WIRING WITH WHAT IT SERVES AND NOTE ALL CIRCUIT BREAKER SIZES AND NUMBER OF POLES FOR EACH CIRCUIT. THE FEED AND BRANCH CIRCUIT WIRING SHALL BE CAREFULLY DISCONNECTED FROM THE BREAKERS AND OR LUGS AND MADE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL INTERIOR AND PANEL COVER PLATE. A NEW PANEL INTERIOR KIT AND PANEL COVER PLATE SHALL BE INSTALLED UNDER THE NEW WORK BASED ON THE SCHEDULE PROVIDED ON THE NEW WORK DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-9' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
3. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-12' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
4. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE EXHAUST FAN SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT FAN (SEE NEW WORK PLANS).
5. EXISTING TO REMAIN.
6. PRIOR TO REMOVING THE EXISTING FLUSH MOUNTED PANEL 'P-34-3' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL AND THEN EXTENDING EACH CIRCUIT TO THE NEW CIRCUIT BREAKER PANEL. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW PANEL CIRCUIT BREAKERS.



2 KEY PLAN - LEVEL 2 - AREA A

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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Exp. Date

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SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

**120 PRIMROSE ST.
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-003-023

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FOR BID

SHEET TITLE

**ELECTRICAL
SECOND FLOOR DEMOLITION PLAN - AREA A**

DRAWING No.

HS-ED 102.00

10/29/2026 11:17:18 AM
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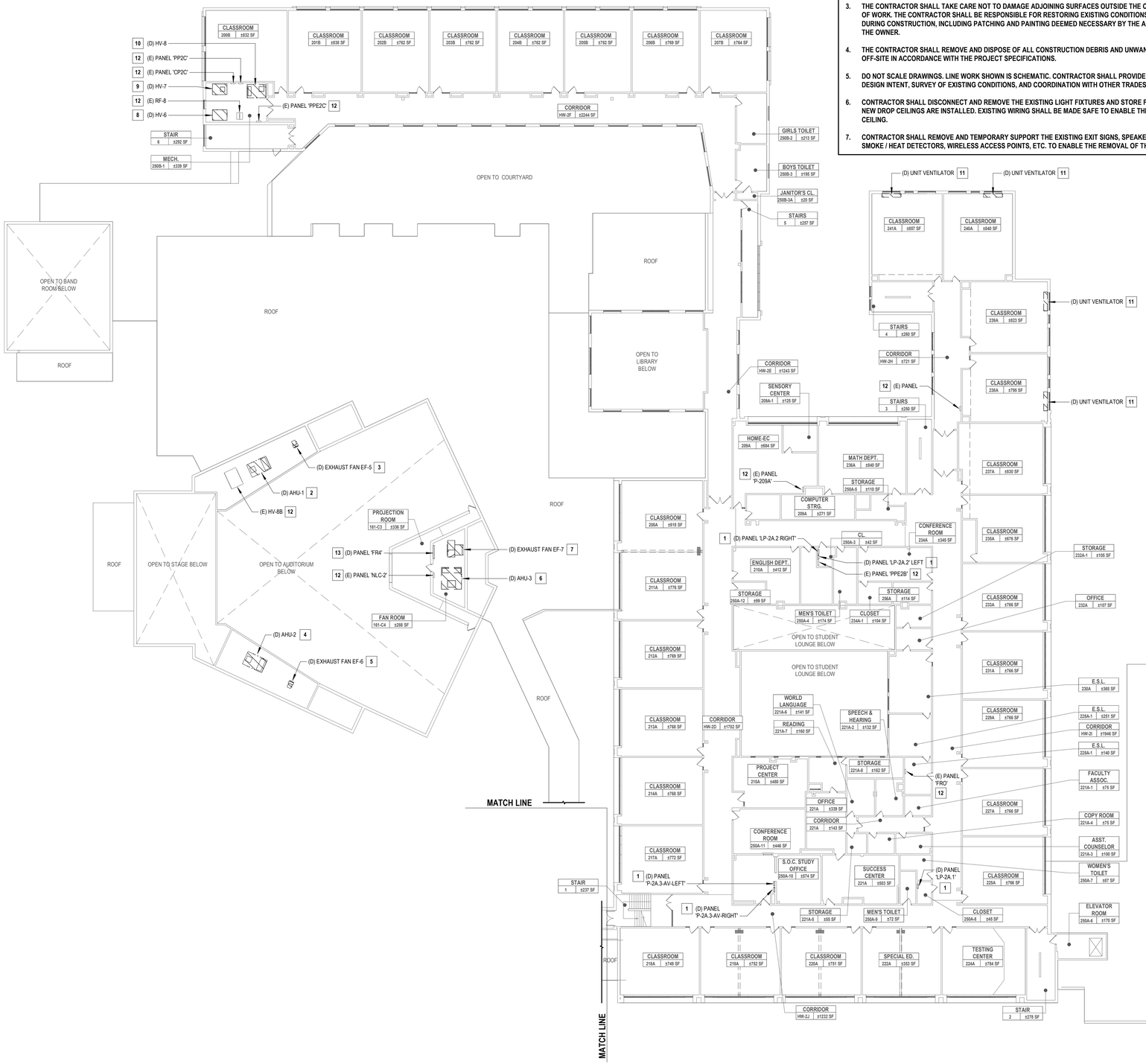
GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS (INCLUDING HVAC EQUIPMENT ELECTRICAL CHARACTERISTICS, FEEDER SIZE, PANEL FED FROM, BREAKER SIZE, ETC.) PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION, INCLUDING PATCHING AND PAINTING DEEMED NECESSARY BY THE ARCHITECT AT NO COST TO THE OWNER.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL LEGALLY OFF-SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
5. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
6. CONTRACTOR SHALL DISCONNECT AND REMOVE THE EXISTING LIGHT FIXTURES AND STORE FOR REINSTALLATION AFTER NEW DROP CEILINGS ARE INSTALLED. EXISTING WIRING SHALL BE MADE SAFE TO ENABLE THE INSTALLATION OF THE NEW CEILING.
7. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.

X. ELECTRICAL KEYED NOTES

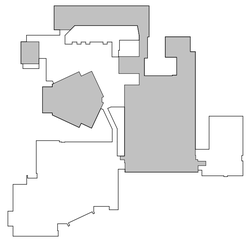
1. THE CONTRACTOR SHALL TRACE OUT EACH CIRCUIT RUN FROM THE EXISTING PANEL AND LABEL WIRING WITH WHAT IT SERVES AND NOTE ALL CIRCUIT BREAKER SIZES AND NUMBER OF POLES FOR EACH CIRCUIT. THE FEED AND BRANCH CIRCUIT WIRING SHALL BE CAREFULLY DISCONNECTED FROM THE BREAKERS AND OR LUGS AND MADE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL INTERIOR AND PANEL COVER PLATE. A NEW PANEL INTERIOR KIT AND PANEL COVER PLATE SHALL BE INSTALLED UNDER THE NEW WORK BASED ON THE SCHEDULE PROVIDED ON THE NEW WORK DRAWINGS.
2. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'AHU-1' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
3. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN 'EF-5' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE EXHAUST FAN SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT FAN (SEE NEW WORK PLANS).
4. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'AHU-2' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
5. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN 'EF-6' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE EXHAUST FAN SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT FAN (SEE NEW WORK PLANS).
6. THE CONTRACTOR SHALL DISCONNECT EXISTING AIR HANDLING UNIT 'AHU-3' AND REMOVE CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE. LABEL CIRCUIT BREAKER THAT FED UNIT AS SPARE.
7. THE CONTRACTOR SHALL DISCONNECT EXISTING EXHAUST FAN 'EF-7' AND REMOVE CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE. LABEL CIRCUIT BREAKER THAT FED UNIT AS SPARE.
8. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-6' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
9. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-7' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
10. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-8' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE HEATING AND VENTILATING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
11. THE CONTRACTOR SHALL DISCONNECT EXISTING UNIT VENTILATOR AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE UNIT VENTILATOR SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT VENTILATOR (SEE NEW WORK PLANS).
12. EXISTING TO REMAIN.
13. PRIOR TO REMOVING THE EXISTING FLUSH MOUNTED PANEL 'FR4' WITH FUSED SWITCHES. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AS TO WHAT IT SERVES AND LABEL IT. AFTER TRACING AND LABELING, CONTRACTOR SHALL DISCONNECT THE EXISTING CONDUIT AND WIRING FROM THE FUSED SWITCHES. THE CONTRACTOR SHALL NOTE THE FUSE SIZES AND MAKE SAFE TO ENABLE THE REMOVAL OF THE EXISTING PANEL AND THEN EXTENDING EACH CIRCUIT TO THE NEW PANEL. FURNISH AND INSTALL REQUIRED NEW CONDUIT, WIRING AND PULL / SPLICE BOXES TO MAKE THE CONNECTIONS TO THE NEW PANEL CIRCUIT BREAKERS.



1 SECOND FLOOR ELECTRICAL DEMOLTION PLAN - AREA B

SCALE: 1" = 20'-0"

PROJECT NORTH



2 AREA B - 2ND FL - KEY PLAN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072525

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
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SECOND FLOOR DEMOLITION PLAN - AREA B

DRAWING No.

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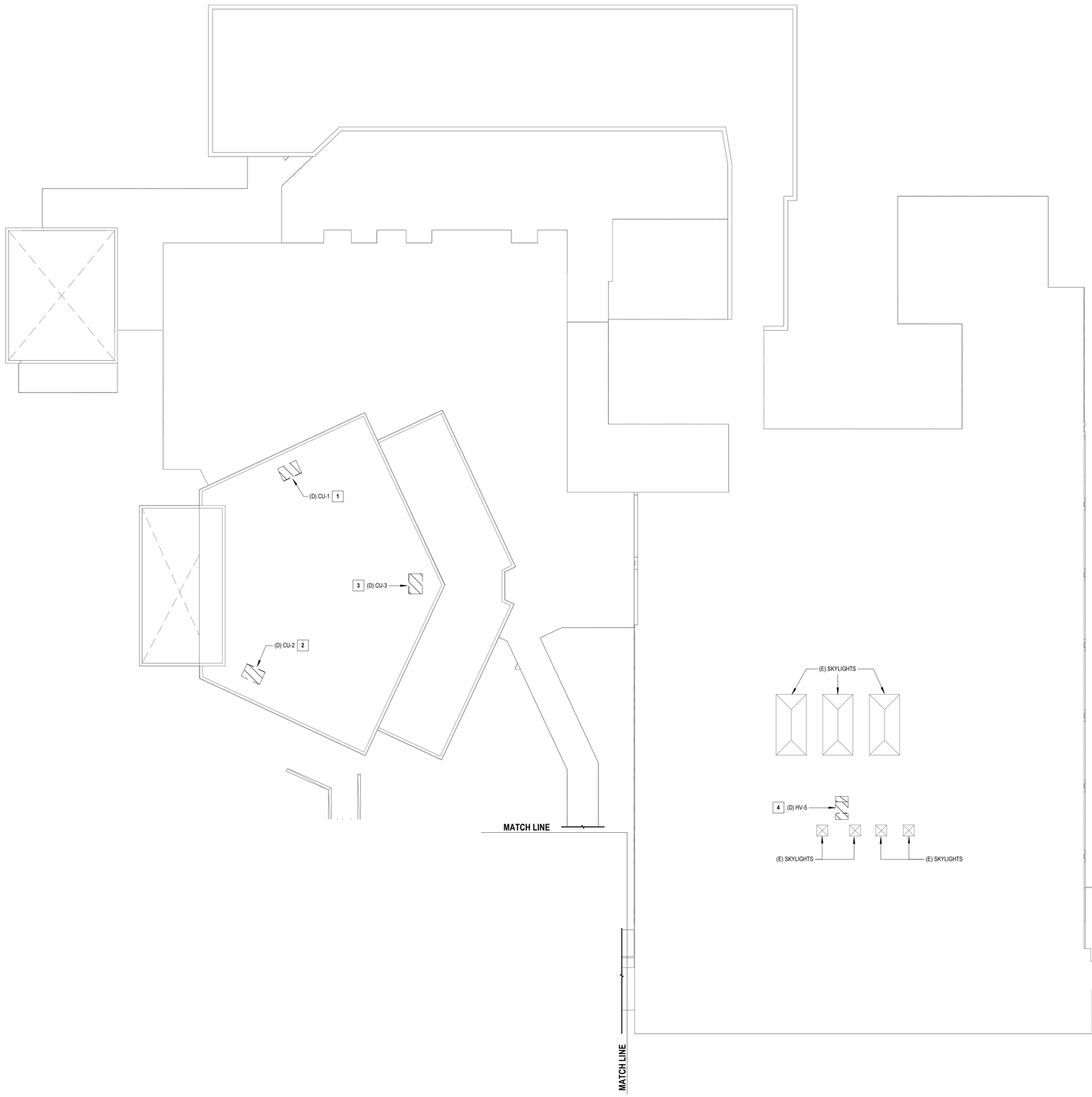

1 ROOF ELECTRICAL DEMOLTION PLAN - AREA B
SCALE: 1" = 20'-0"

PROJECT NORTH

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X. ELECTRICAL KEYED NOTES

1. THE CONTRACTOR SHALL DISCONNECT EXISTING CONDENSING UNIT 'CU-1' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE CONDENSING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
2. THE CONTRACTOR SHALL DISCONNECT EXISTING CONDENSING UNIT 'CU-2' AND REMOVE THE DISCONNECT SWITCH. CONDUIT AND WIRING FEEDING THE CONDENSING UNIT SHALL BE CAPPED AND MADE SAFE FOR EXTENSION TO THE REPLACEMENT UNIT (SEE NEW WORK PLANS).
3. THE CONTRACTOR SHALL DISCONNECT EXISTING CONDENSING UNIT 'CU-3' AND REMOVE CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE. LABEL CIRCUIT BREAKER THAT FED UNIT AS SPARE.
4. THE CONTRACTOR SHALL DISCONNECT EXISTING HEATING AND VENTILATING UNIT 'HV-5' AND REMOVE CONDUIT AND WIRING BACK TO PANEL 'FRO' AND MAKE SAFE. LABEL CIRCUIT BREAKER THAT FED UNIT AS SPARE.

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5. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
6. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL NEW CIRCUIT BREAKER RETROFIT INTERIOR KIT WHERE EXISTING PANEL INTERIORS WERE REMOVED. RETROFIT INTERIOR KIT AND NUMBER AND SIZES OF NEW CIRCUIT BREAKERS SHALL BE BASED THE SCHEDULE SHOWN ON DRAWING HS-E 600. EXISTING FEEDER SHALL BE CONNECTED TO THE NEW MAIN CIRCUIT BREAKER AND/OR LUGS AND BRANCH CIRCUIT WIRING CONNECTED TO THE NEW BRANCH CIRCUIT BREAKERS.
2. CONTRACTOR SHALL CONNECT THE NEW DOWNLIGHTS TO EXISTING LIGHTING CIRCUIT WITH (2 #12, 1#12 G., 3/4" C). DOWNLIGHTS TO BE CONTROLLED BY NEW PHOTOCONTROL. EMERGENCY BATTERY PACKS SHALL BE CONNECT TO UNSWITCHED HOT WIRE OF THE LIGHTING CIRCUIT.
3. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP P-10A.
4. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP P-10B.
5. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH AND VFD TO FEED HV-3.
6. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR TO FEED HV-5.
7. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED TX-1.
8. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED TX-2.
9. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH (PROVIDED BY OTHERS) TO FEED EF-27.
10. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR TO FEED HV-27.
11. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-1.
12. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-2.
13. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR TO FEED HV-11.
14. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP P-8A.
15. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP P-8B.

X. ELECTRICAL KEYED NOTES (CONTINUED)

16. THE CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS FROM THE EXISTING FUSED SWITCH PANEL 'P-2A', SHOWN REMOVED ON THE DEMOLITION DRAWINGS, TO THE CORRESPONDING CIRCUIT BREAKERS IN THE NEW PANEL IN ROOM 15, CUSTODIAN'S CLOSET. EXISTING CONDUCTOR QUANTITIES, CONDUCTOR SIZES, AND CONDUIT SIZES SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED.

    PROVIDE A NEW 120/208V, 3-PHASE, 4-WIRE, 800A, MAIN-LUG-ONLY (MLO) PANEL. THE EXISTING FUSED SWITCH PANEL CONTAINS THE FOLLOWING FUSED SWITCHES:

    (2) 3-POLE, 60A FUSED SWITCHES
    (2) 3-POLE, 100A FUSED SWITCHES
    (2) 3-POLE, 200A FUSED SWITCHES
    (2) 3-POLE, 400A FUSED SWITCHES

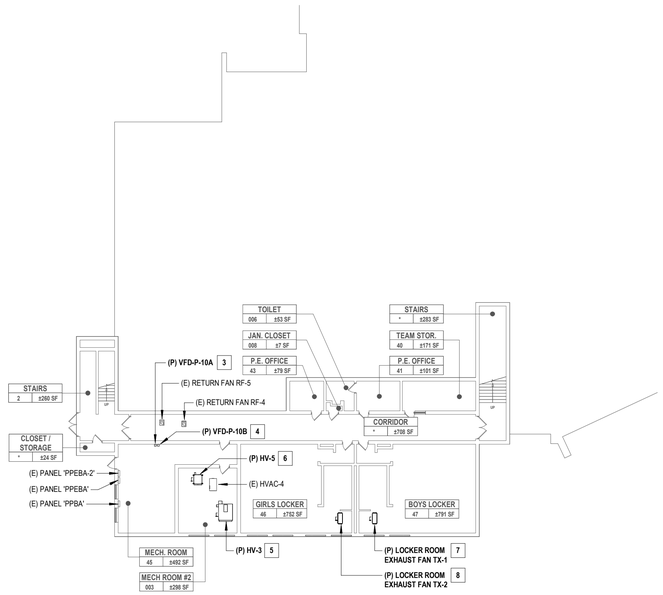
    PROVIDE CIRCUIT BREAKERS IN THE NEW PANEL WITH RATINGS CORRESPONDING TO THE EXISTING FUSED SWITCH FUSES UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR SPECIFIED BY THE ENGINEER.

17. THE CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS FROM THE EXISTING FUSED SWITCH SWITCHBOARD 'P-2B', SHOWN REMOVED ON THE DEMOLITION DRAWINGS, TO THE CORRESPONDING CIRCUIT BREAKERS IN THE NEW SWITCHBOARD IN ROOM 15, CUSTODIAN'S CLOSET. EXISTING CONDUCTOR QUANTITIES, CONDUCTOR SIZES, AND CONDUIT SIZES SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED.

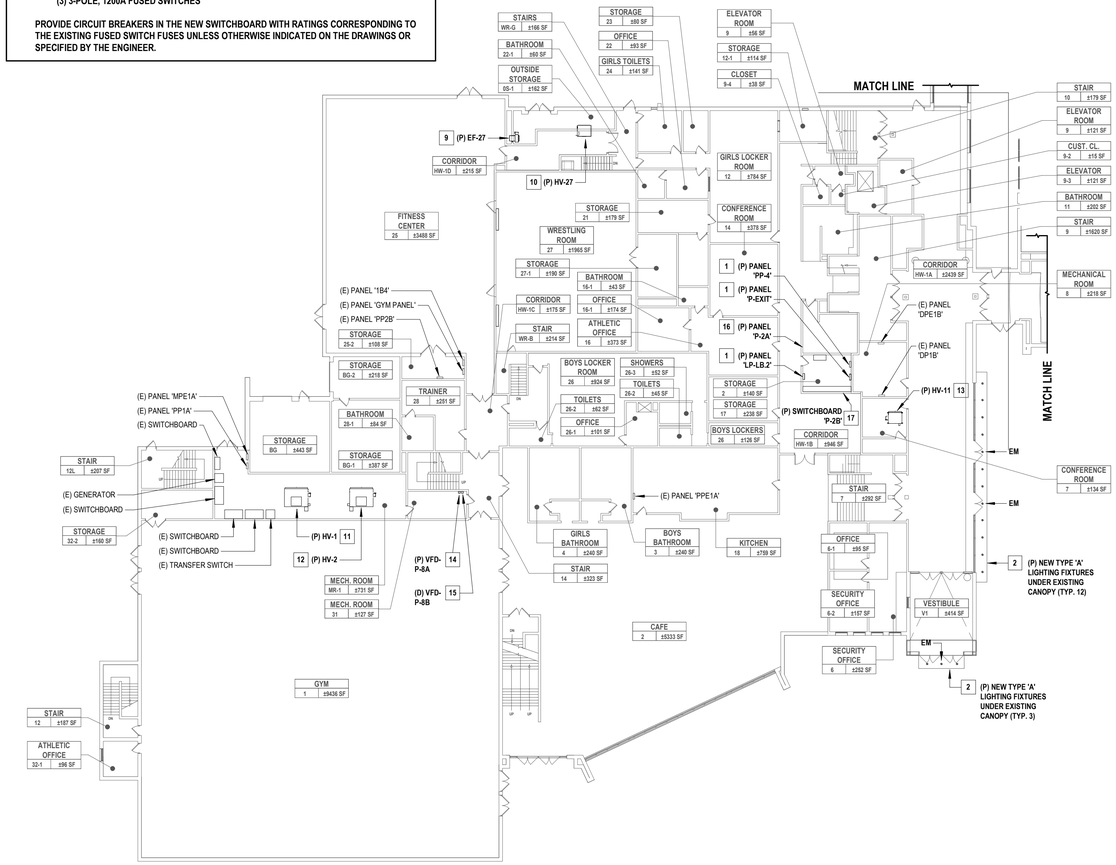
    PROVIDE A NEW 120/208V, 3-PHASE, 4-WIRE, 3000A, MAIN-LUG-ONLY (MLO) SWITCHBOARD. THE EXISTING FUSED SWITCH PANEL CONTAINS THE FOLLOWING FUSED SWITCHES:

    (1) 3-POLE, 400A FUSED SWITCH
    (1) 3-POLE, 800A FUSED SWITCH
    (3) 3-POLE, 1200A FUSED SWITCHES

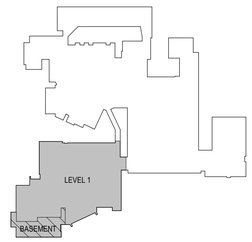
    PROVIDE CIRCUIT BREAKERS IN THE NEW SWITCHBOARD WITH RATINGS CORRESPONDING TO THE EXISTING FUSED SWITCH FUSES UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR SPECIFIED BY THE ENGINEER.



1 BASEMENT ELECTRICAL NEW WORK PLAN
SCALE: 1" = 20'-0"



2 FIRST FLOOR ELECTRICAL NEW WORK PLAN - AREA A
SCALE: 1" = 20'-0"



3 KEY PLAN - LEVEL 1 & BASEMENT - AREA A
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CONSULTANTS:

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5. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
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X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL NEW CIRCUIT BREAKER RETROFIT INTERIOR KIT WHERE EXISTING PANEL INTERIORS WERE REMOVED. RETROFIT INTERIOR KIT AND NUMBER AND SIZES OF NEW CIRCUIT BREAKERS SHALL BE BASED THE SCHEDULE SHOWN ON DRAWING HS-E 600. EXISTING FEEDER SHALL BE CONNECTED TO THE NEW MAIN CIRCUIT BREAKER AND/OR LUGS AND BRANCH CIRCUIT WIRING CONNECTED TO THE NEW BRANCH CIRCUIT BREAKERS.
2. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FUSED SWITCHBOARD (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW SWITCHBOARD 'BR-DP'.

   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 800 AMP SWITCHBOARD 'BR-DP' HAS THE FOLLOWING FUSED SWITCHES:

   (8) 3P-30 AMP
   (4) 3P-60 AMP
   (3) 3P-100 AMP
   (5) 3P-200 AMP

   THE NEW CIRCUIT BREAKER SWITCHBOARD 'BR-DP' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 1,000 AMP WITH MAIN LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING SWITCHBOARD. THE NEW SWITCHBOARD SHALL ALSO INCLUDE (4) 100 3-POLE SPACES.
3. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FUSED PANEL (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW PANEL 'P-100D-2'.

   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 600 AMP PANEL 'D100D-2' HAS THE FOLLOWING FUSED SWITCHES:

   (4) 3P-200 AMP

   THE NEW CIRCUIT BREAKER PANEL 'P100D-2' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 600 AMP WITH MAIL LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING PANEL. THE NEW PANEL SHALL ALSO INCLUDE (6) 1 POLE SPACES.
4. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FUSED SWITCHBOARD (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW SWITCHBOARD 'P-100A-4'.

   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 1200 AMP SWITCHBOARD 'P-100A-4' HAS THE FOLLOWING FUSED SWITCHES:

   (2) 3P-100 AMP
   (6) 3P-200 AMP

   THE NEW CIRCUIT BREAKER SWITCHBOARD 'P-100A-4' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 1,200 AMP WITH MAIN LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING SWITCHBOARD. THE NEW SWITCHBOARD SHALL ALSO INCLUDE (3) 100 3-POLE SPACES.
5. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FUSED SWITCHBOARD (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW SWITCHBOARD 'P-100C-7'.

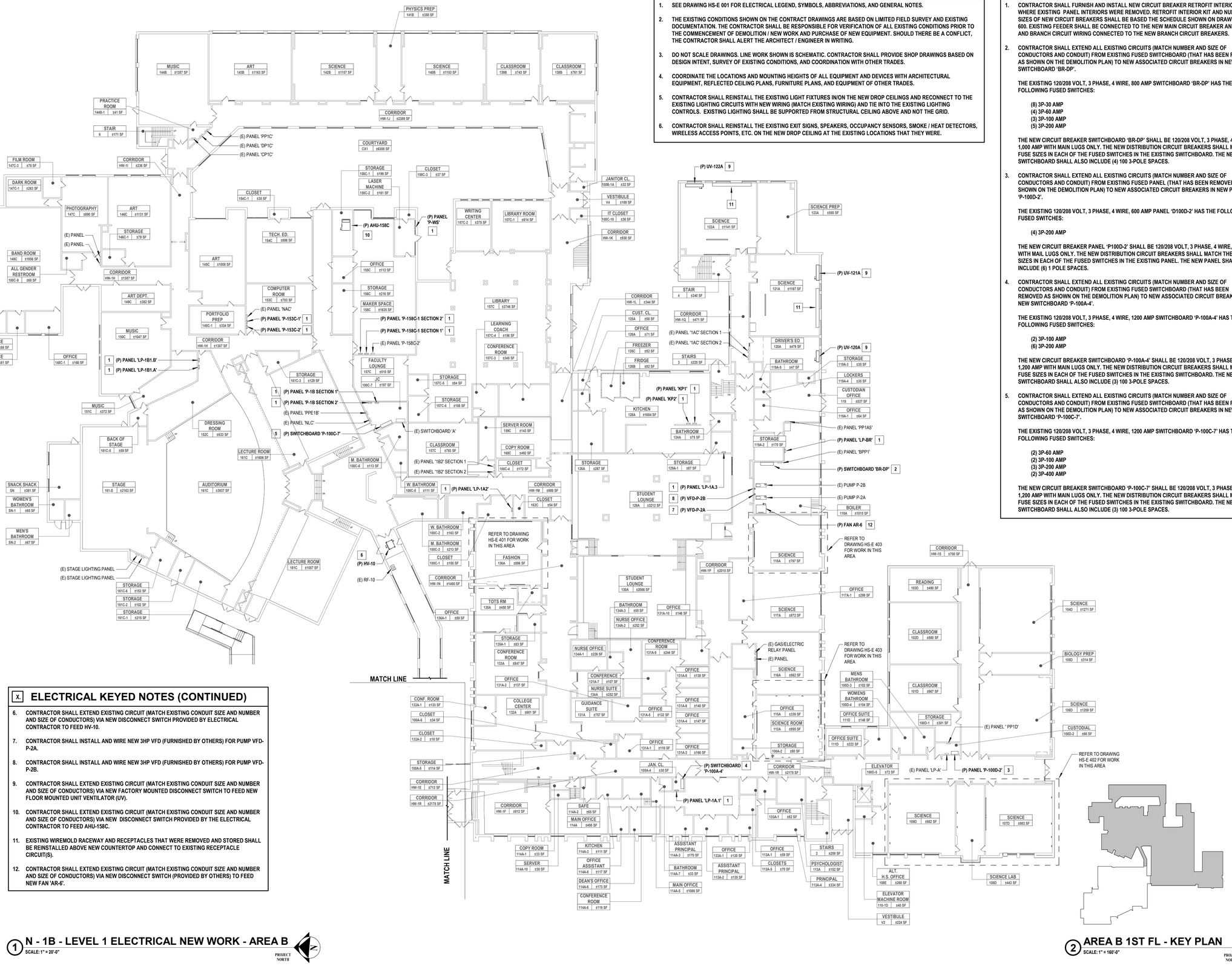
   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 1200 AMP SWITCHBOARD 'P-100C-7' HAS THE FOLLOWING FUSED SWITCHES:

   (2) 3P-60 AMP
   (2) 3P-100 AMP
   (3) 3P-200 AMP
   (2) 3P-400 AMP

   THE NEW CIRCUIT BREAKER SWITCHBOARD 'P-100C-7' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 1,200 AMP WITH MAIN LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING SWITCHBOARD. THE NEW SWITCHBOARD SHALL ALSO INCLUDE (3) 100 3-POLE SPACES.

X. ELECTRICAL KEYED NOTES (CONTINUED)

6. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR TO FEED HV-10.
7. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP VFD-P-2A.
8. CONTRACTOR SHALL INSTALL AND WIRE NEW 3HP VFD (FURNISHED BY OTHERS) FOR PUMP VFD-P-2B.
9. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED NEW FLOOR MOUNTED UNIT VENTILATOR (UV).
10. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR TO FEED AHU-158C.
11. EXISTING WIREMOLD RACEWAY AND RECEPTACLES THAT WERE REMOVED AND STORED SHALL BE REINSTALLED ABOVE NEW COUNTERTOP AND CONNECT TO EXISTING RECEPTACLE CIRCUIT(S).
12. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH (PROVIDED BY OTHERS) TO FEED NEW FAN 'AR-6'.



1 N - 1B - LEVEL 1 ELECTRICAL NEW WORK - AREA B
SCALE: 1" = 20'-0"

2 AREA B 1ST FL - KEY PLAN
SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2026
JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825
Exp. Date
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
ELECTRICAL FIRST FLOOR NEW WORK PLAN - AREA B

DRAWING No.
HS-E 101.00

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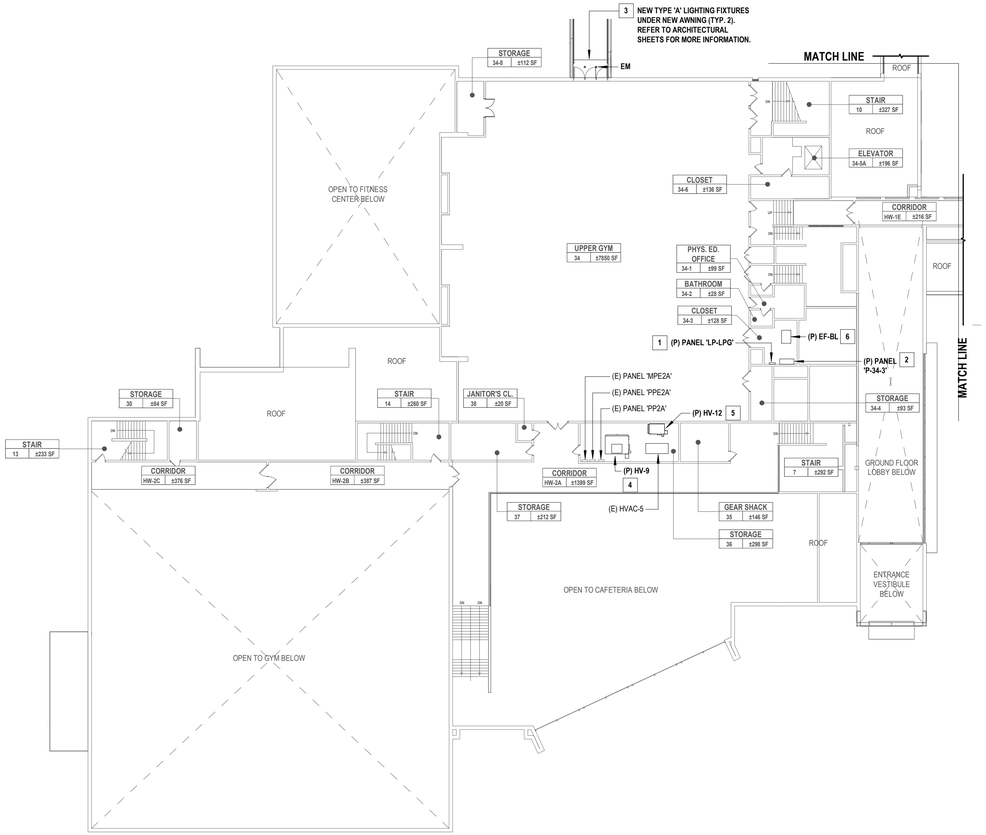


1 **SECOND FLOOR ELECTRICAL NEW WORK PLAN - AREA A**
SCALE: 1" = 20'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.
5. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
6. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

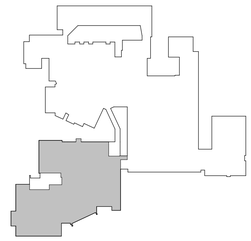
X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL NEW CIRCUIT BREAKER RETROFIT INTERIOR KIT WHERE EXISTING PANEL INTERIORS WERE REMOVED. RETROFIT INTERIOR KIT AND NUMBER AND SIZES OF NEW CIRCUIT BREAKERS SHALL BE BASED THE SCHEDULE SHOWN ON DRAWING HS-E 600. EXISTING FEEDER SHALL BE CONNECTED TO THE NEW MAIN CIRCUIT BREAKER AND/OR LUGS AND BRANCH CIRCUIT WIRING CONNECTED TO THE NEW BRANCH CIRCUIT BREAKERS.
2. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FLUSH MOUNTED FUSED PANEL (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW PANEL 'P-34-3'.

   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP PANEL 'P-34-3' HAS THE FOLLOWING FUSED SWITCHES:

   (10) 3P-30 AMP
   (2) 3P-60 AMP

   THE NEW CIRCUIT BREAKER PANEL 'P-34-3' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP WITH MAIN LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING PANEL. THE NEW PANEL SHALL ALSO INCLUDE (6) 1 POLE SPACES. IF THE NEW CIRCUIT BREAKER PANEL CAN NOT BE RECESSED IN THE EXISTING FUSED SWITCH BACKBOX THE CONTRACTOR HAS THE OPTION OF USING THE BACKBOX AS A JUNCTION BOX AND MOUNTING A SURFACE MOUNTED PANEL OVER THE BACKBOX. ANY AREAS AROUND THE PANEL SHALL HAVE COVER PLATES INSTALLED.
3. CONTRACTOR SHALL RUN A NEW CIRCUIT (2 #12, 1#12 G., 3/4" C) FROM A NEW 1P-20 AMP CIRCUIT BREAKER TO BE INSTALLED IN SPACE #37 IN EXISTING PANEL 'PP2A' TO FEED THE NEW DOWNLIGHTS. DOWNLIGHTS TO BE TO BE CONTROLLED BY NEW PHOTOCONTROL. EMERGENCY BATTERY PACKS SHALL BE CONNECT TO UNSWITCHED HOT WIRE OF THE NEW LIGHTING CIRCUIT.
4. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA FACTORY MOUNTED NEW DISCONNECT SWITCH TO FEED HV-9.
5. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-12.
6. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH (PROVIDED BY OTHERS) TO FEED NEW FAN EF-BL.



2 **KEY PLAN - LEVEL 2 - AREA A**
SCALE: 1" = 160'-0"

PROJECT NORTH

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1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
JEFFERY L. CZAJKA, P.E. Exp. Date
NY PROFESSIONAL ENGINEER Lic. No. 91583

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL
SECOND FLOOR NEW WORK PLAN - AREA A

DRAWING No.

HS-E 102.00

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GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.
5. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
6. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

ELECTRICAL KEYED NOTES

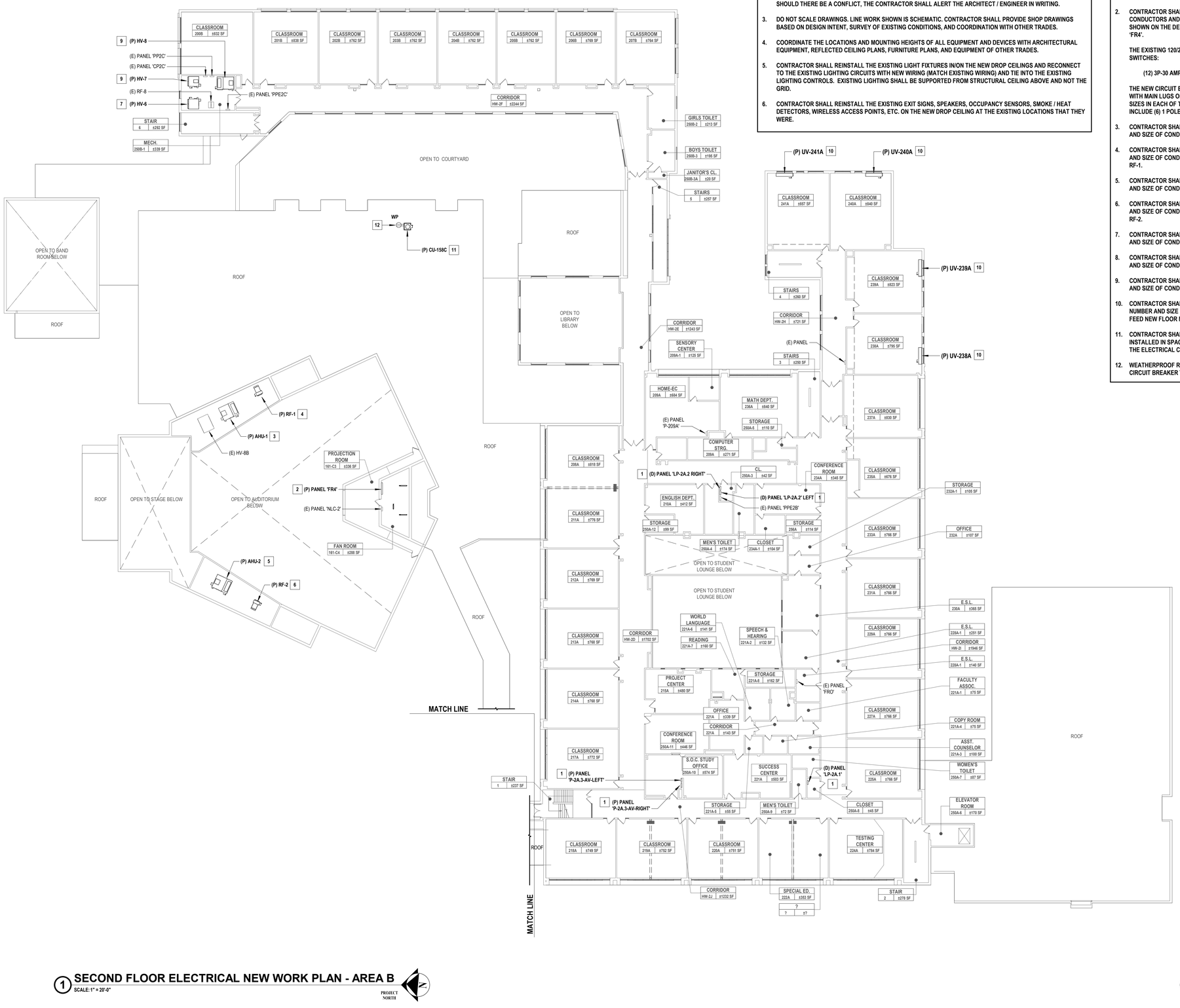
X

1. CONTRACTOR SHALL FURNISH AND INSTALL NEW CIRCUIT BREAKER RETROFIT INTERIOR KIT WHERE EXISTING PANEL INTERIORS WERE REMOVED. RETROFIT INTERIOR KIT AND NUMBER AND SIZES OF NEW CIRCUIT BREAKERS SHALL BE BASED THE SCHEDULE SHOWN ON DRAWING HS-E 600. EXISTING FEEDER SHALL BE CONNECTED TO THE NEW MAIN CIRCUIT BREAKER AND/OR LUGS AND BRANCH CIRCUIT WIRING CONNECTED TO THE NEW BRANCH CIRCUIT BREAKERS.
2. CONTRACTOR SHALL EXTEND ALL EXISTING CIRCUITS (MATCH NUMBER AND SIZE OF CONDUCTORS AND CONDUIT) FROM EXISTING FUSED PANEL (THAT HAS BEEN REMOVED AS SHOWN ON THE DEMOLITION PLAN) TO NEW ASSOCIATED CIRCUIT BREAKERS IN NEW PANEL 'FR4'.

   THE EXISTING 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP PANEL 'FR4' HAS THE FOLLOWING FUSED SWITCHES:

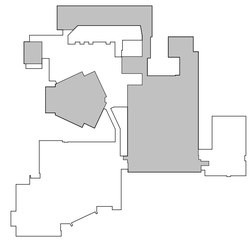
   (12) 3P-30 AMP

   THE NEW CIRCUIT BREAKER PANEL 'FR4' SHALL BE 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP WITH MAIN LUGS ONLY. THE NEW DISTRIBUTION CIRCUIT BREAKERS SHALL MATCH THE FUSE SIZES IN EACH OF THE FUSED SWITCHES IN THE EXISTING PANEL. THE NEW PANEL SHALL ALSO INCLUDE (6) 1 POLE SPACES.
3. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED AHU-1.
4. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH (PROVIDED BY OTHERS) TO FEED RF-1.
5. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED AHU-2.
6. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH (PROVIDED BY OTHERS) TO FEED RF-2.
7. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-6.
8. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-7.
9. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED HV-8.
10. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW FACTORY INSTALLED DISCONNECT SWITCH TO FEED NEW FLOOR MOUNTED UNIT VENTILATOR (UV).
11. CONTRACTOR SHALL RUN 3 #8, 1 #10 G., 3/4" C., TO NEW 3P-35A CIRCUIT BREAKER TO BE INSTALLED IN SPACE #37,39,41 IN PANEL 'PPE2C' VIA NEW DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR TO FEED CU-158C.
12. WEATHERPROOF RECEPTACLES FOR CONDENSING UNIT SHALL BE FROM NEW 1P-20 AMP CIRCUIT BREAKER TO BE INSTALLED IN SPACE #38 IN PANEL 'PPE2C'.



1 **SECOND FLOOR ELECTRICAL NEW WORK PLAN - AREA B**
SCALE: 1" = 20'-0"

PROJECT NORTH



2 **AREA B - 2ND FL - KEY PLAN**
SCALE: 1" = 160'-0"

PROJECT NORTH

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL
SECOND FLOOR NEW WORK PLAN - AREA B

DRAWING No.

HS-E 103.00

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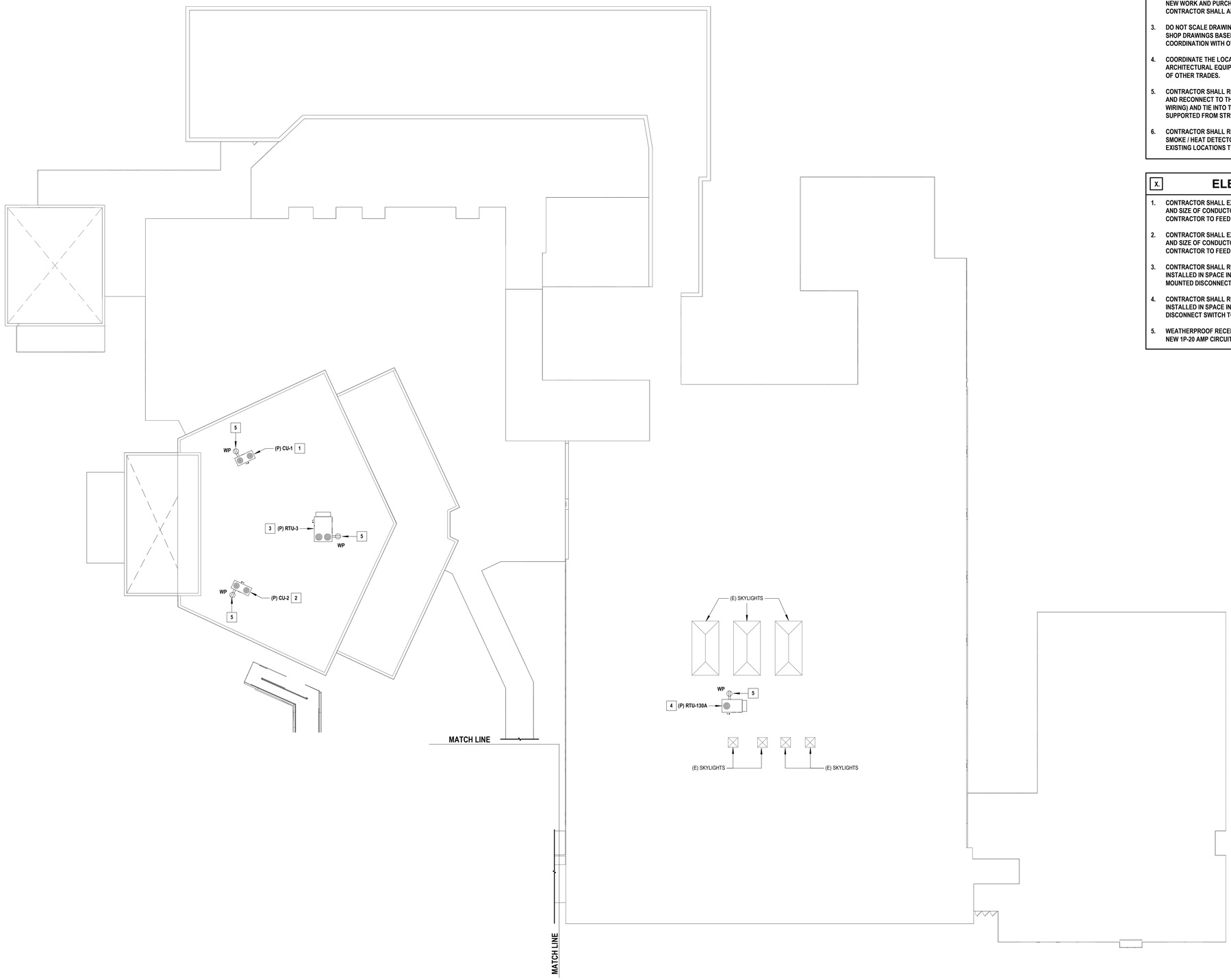

1 ROOF ELECTRICAL DEMOLTION PLAN - AREA B
SCALE: 1" = 20'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
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4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.
5. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
6. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

X. ELECTRICAL KEYED NOTES

1. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR TO FEED CU-1.
2. CONTRACTOR SHALL EXTEND EXISTING CIRCUIT (MATCH EXISTING CONDUIT SIZE AND NUMBER AND SIZE OF CONDUCTORS) VIA NEW DISCONNECT SWITCH PROVIDED BY THE ELECTRICAL CONTRACTOR TO FEED CU-2.
3. CONTRACTOR SHALL RUN 3 #1/0, 1 #6 G., 2" C., TO NEW 3P-150A CIRCUIT BREAKER TO BE INSTALLED IN SPACE IN SWITCHBOARD 'A' IN JANITOR'S CLOSET 100C-7 VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED RTU-3.
4. CONTRACTOR SHALL RUN 3 #4, 1 #8 G., 1-1/4" C., TO NEW 3P-80A CIRCUIT BREAKER TO BE INSTALLED IN SPACE IN PANEL 'BPP1' IN BOILER ROOM 119A VIA NEW FACTORY MOUNTED DISCONNECT SWITCH TO FEED RTU-130A.
5. WEATHERPROOF RECEPTACLES AT ROOFTOP UNITS AND CONDENSING UNITS SHALL BE FROM NEW 1P-20 AMP CIRCUIT BREAKER TO BE INSTALLED IN SPACE #38 IN PANEL 'PPE2C'.

H 2 M architects + engineers

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CONTRACT

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ELECTRICAL CONSTRUCTION

STATUS

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ELECTRICAL
ROOF NEW WORK PLAN - AREA B

DRAWING No.

HS-E 104.00

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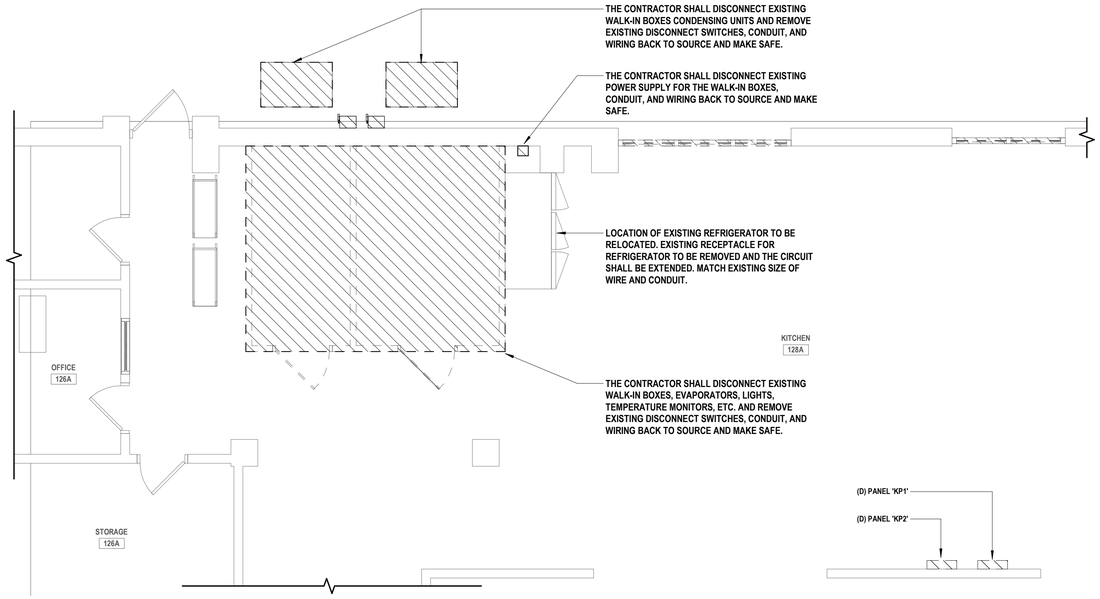
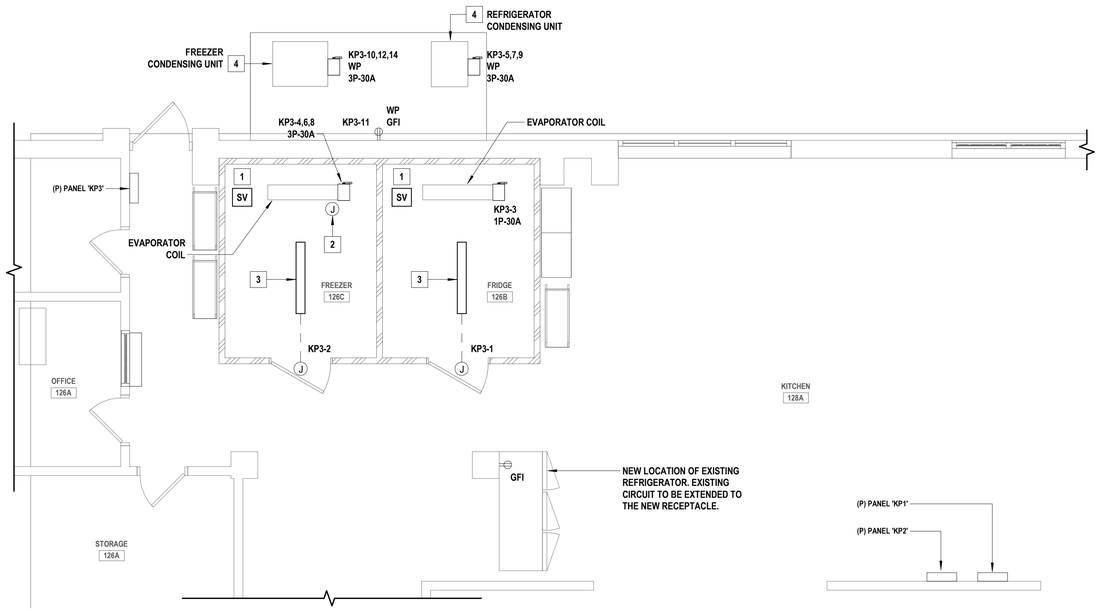


1 ELECTRICAL ENLARGED KITCHEN DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 ELECTRICAL ENLARGED KITCHEN NEW WORK PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

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4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.
5. CONTRACTOR SHALL DISCONNECT AND REMOVE THE EXISTING LIGHT FIXTURES AND STORE FOR REINSTALLATION AFTER NEW DROP CEILINGS ARE INSTALLED. EXISTING WIRING SHALL BE MADE SAFE TO ENABLE THE INSTALLATION OF THE NEW CEILING.
6. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.
7. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
8. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

X. ELECTRICAL NEW WORK KEYED NOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL CONTROL WIRING FROM SOLENOID VALVE (LOCATED ON TOP OF BOX) TO EVAPORATOR COIL.
2. THE CONTRACTOR SHALL CONNECT DRAIN LINE HEAT TRACING WIRE TO TERMINAL BLOCK ON FREEZER EVAPORATOR COIL.
3. THE CONTRACTOR SHALL INSTALL AND WIRE LIGHT AND TEMPERATURE ALARM AS PER MANUFACTURER'S REQUIREMENTS.
4. THE CONTRACTOR SHALL RUN CONTROL WIRING AS PER MANUFACTURERS REQUIREMENTS FROM CONDENSING UNIT TO EVAPORATOR COIL.

SCHEDULE FOR PANEL: KPC

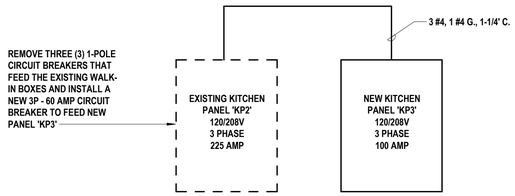
SYSTEM:	208Y/120V, 3Φ, 4W		NUMBER OF POLES:	18	AREA SERVED:	KITCHEN WALK-IN BOXES	
BUS RATING:	100 A	MINIMUM CB IC: 22kA RMS SYM	EQUIP GROUND BUS:	YES	PANEL LOCATION:		
MAINS TYPE:	MLO	MAINS RATING: N / A	ISOLATED GND BUS:	NO	MOUNTING:	SURFACE	SUPPLIED FROM:

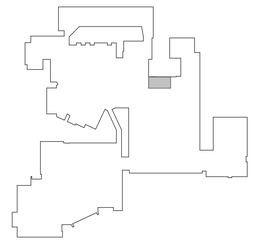
CIR. #	SERVES	LOAD	MINIMUM BRANCH CIRCUIT & CONDUIT SIZE	BREAKER P	BREAKER TRIP	PHASE A	PHASE B	PHASE C	BREAKER TRIP	BREAKER P	MINIMUM BRANCH CIRCUIT & CONDUIT SIZE	LOAD	SERVES	CIR. #
1	WALK-IN REFREGIRATOR	1200	2#12, #12 G, 3/4" C	1	20	2400			20	1	2#12, #12 G, 3/4" C	1200	WALK-IN FREEZER	2
3	EVAPORATOR COIL	240	2#12, #12 G, 3/4" C	1	20		1224					984		4
5		624						1608	20	3	3#12, #12 G, 3/4" C	984	EVAPORATOR COIL	6
7	CONDENSING UNIT	624	3#12, #12 G, 3/4" C	3	20	1608						984		8
9		624					1776					1152		10
11	RECEPTACLE	180	2#12, #12 G, 3/4" C	1	20			1332	20	3	3#12, #12 G, 3/4" C	1152	CONDENSING UNIT	12
13	SPARE			1	20	1152						1152		14
15							0							16
17								0						18
						5160	3000	2940	VA PER PHASE					
						43	25	25	AMPS PER PHASE					

TOTAL CONNECTED LOAD (VA): 11100

TOTAL CONNECTED LOAD (AMPS): 31

NOTES:
1.





3 KEY PLAN - LEVEL 1 - KITCHEN

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers
1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071821

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL
FIRST FLOOR ENLARGED KITCHEN PLANS

DRAWING No.

HS-E 400.00

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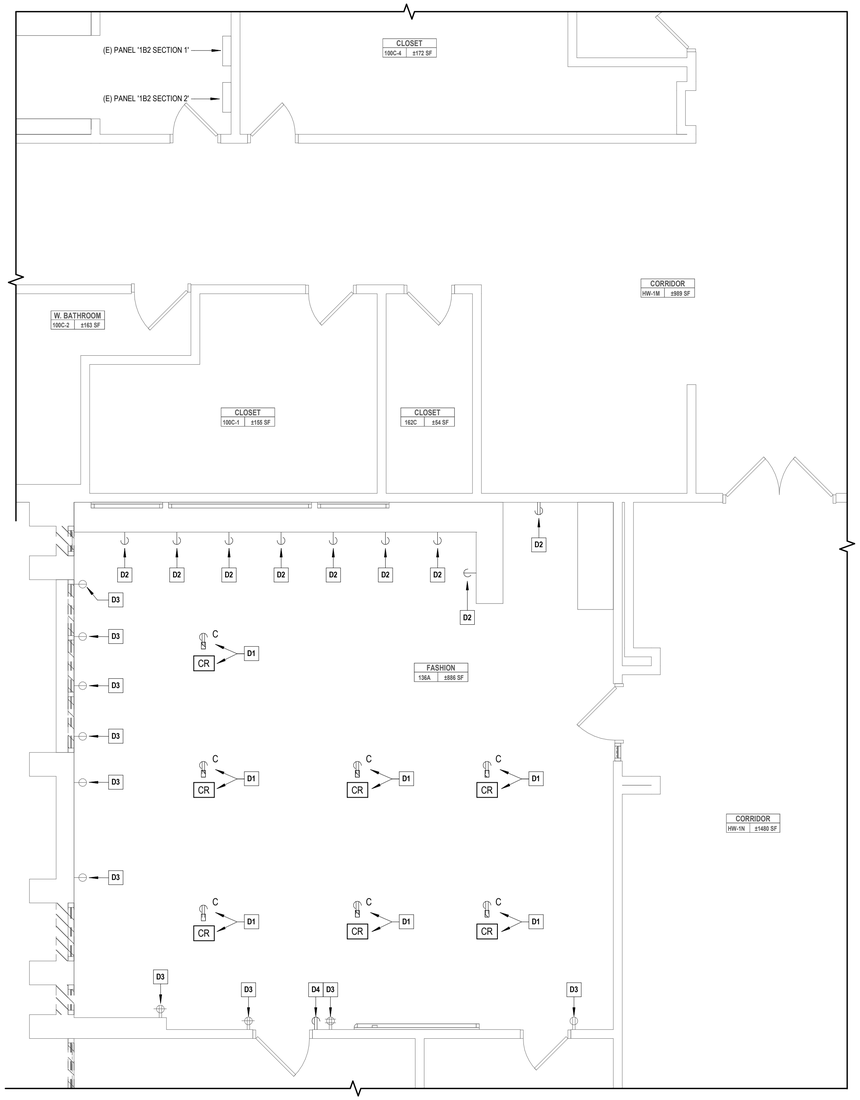
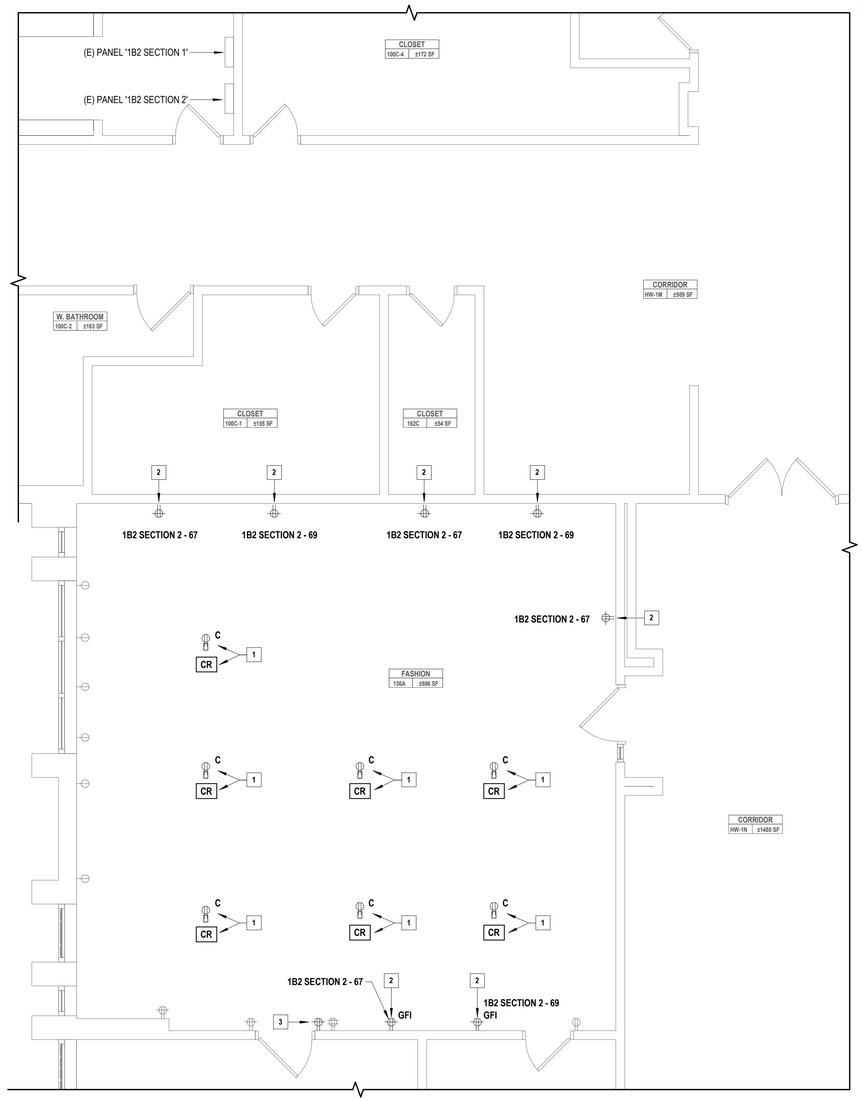


1 ELECTRICAL ENLARGED FASHION ROOM DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 ELECTRICAL ENLARGED FASHION ROOM NEW WORK PLAN

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. THE EXISTING CONDITIONS SHOWN ON THE CONTRACT DRAWINGS ARE BASED ON LIMITED FIELD SURVEY AND EXISTING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF DEMOLITION / NEW WORK AND PURCHASE OF NEW EQUIPMENT. SHOULD THERE BE A CONFLICT, THE CONTRACTOR SHALL ALERT THE ARCHITECT / ENGINEER IN WRITING.
3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
4. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS, AND EQUIPMENT OF OTHER TRADES.
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6. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.
7. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
8. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

X. ELECTRICAL DEMOLITION KEYED NOTES

D1. THE CONTRACTOR SHALL UNPLUG AND REMOVE EXISTING CEILING MOUNTED CORD REELS AND STORE FOR REINSTALLATION AFTER NEW DROP CEILING IS INSTALLED. EXISTING CEILING MOUNTED RECEPTACLE SHALL BE REMOVED FROM DROP CEILING AND BE TEMPORARILY SUPPORTED TO ENABLE INSTALLATION OF NEW CEILING.

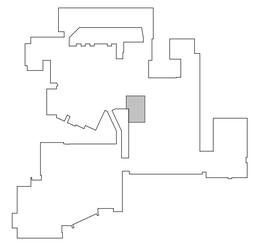
D2. EXISTING WALL MOUNTED PLUGMOLD NEAR FLOOR SHALL BE REMOVED AND WIRING MADE SAFE.

D3. EXISTING TO REMAIN.

D4. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING WIREMOLD RACEWAY AND RECEPTACLE. WRING SHOULD BE MADE SAFE AND RACEWAY AND RECEPTACLE STORED FOR REINSTALLATION AFTER NEW COUNTERTOP IS INSTALLED (SEE NEW WORK PLAN).

X. ELECTRICAL NEW WORK KEYED NOTES

1. THE CONTRACTOR SHALL MOUNT THE EXISTING CORD REEL RECEPTACLES ON NEW DROP CEILING AND REINSTALL AND PLUG IN THE CORD REELS.
2. THE CONTRACTOR SHALL INSTALL NEW SURFACE MOUNTED DUPLEX RECEPTACLE. RUN NEW CIRCUITS (2 #12, 1 #12 G., 3/4" C.) FROM EXISTING 1P-20 AMP CIRCUIT BREAKER IN EXISTING PANEL '1B2 SECTION 2' TO NEW RECEPTACLES. REFER TO DRAWING FOR CIRCUIT NUMBERS.
3. EXISTING WIREMOLD RACEWAY AND RECEPTACLE THAT WERE REMOVED AND STORED SHALL BE REINSTALLED ABOVE NEW COUNTERTOP AND CONNECT TO EXISTING RECEPTACLE CIRCUIT.



3 KEY PLAN - LEVEL 1 - FASHION ROOM

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

**120 PRIMROSE ST.
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-003-023

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FOR BID

SHEET TITLE

**ELECTRICAL
FIRST FLOOR ENLARGED
FASHION ROOM PLANS**

DRAWING No.

HS-E 401.00

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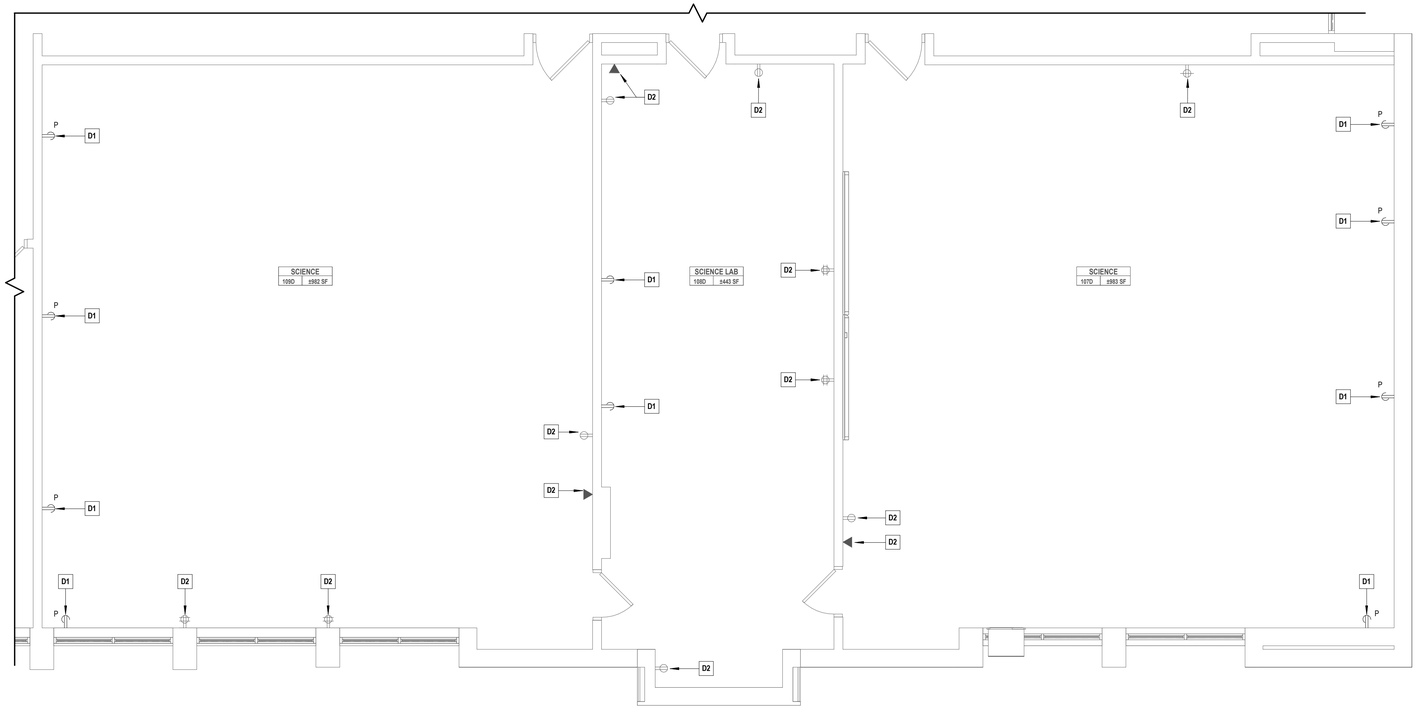
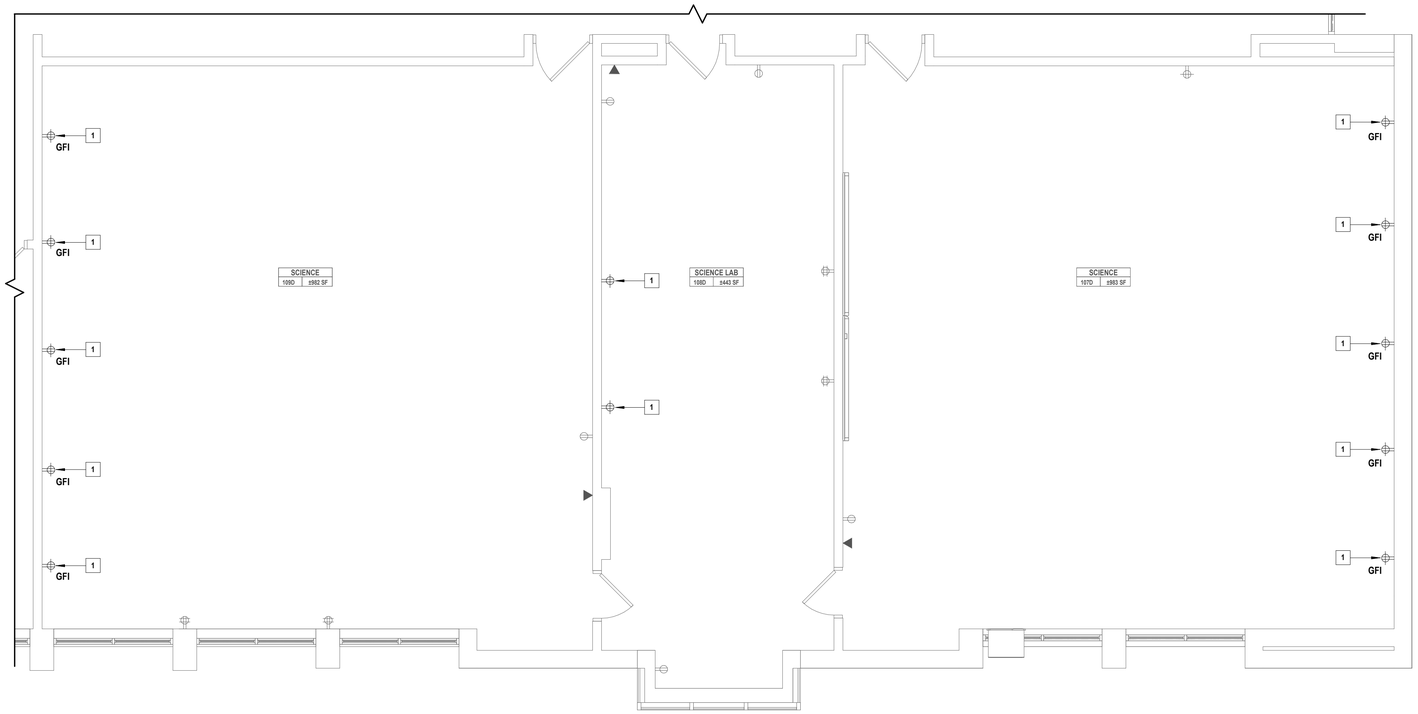


1 ELECTRICAL DEMOLITION ENLARGED SCIENCE ROOMS 107D, 108D, & 109D

SCALE: 1/4" = 1'-0"

PROJECT NORTH



2 ELECTRICAL NEW WORK ENLARGED SCIENCE ROOMS 107D, 108D, & 109D

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE DRAWING HS-E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
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6. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.
7. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
8. CONTRACTOR SHALL REINSTALL THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. ON THE NEW DROP CEILING AT THE EXISTING LOCATIONS THAT THEY WERE.

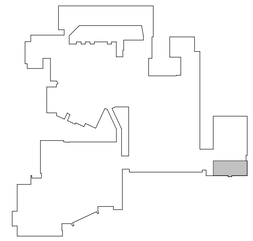
X. ELECTRICAL DEMOLITION KEYED NOTES

D1. EXISTING PEDESTAL RECEPTACLES SHALL BE REMOVED AND WIRING MADE SAFE TO BE EXTENDED TO NEW RECEPTACLES (SEE NEW WORK PLAN).

D2. EXISTING TO REMAIN.

X. ELECTRICAL NEW WORK KEYED NOTES

1. THE CONTRACTOR SHALL INSTALL NEW SURFACE MOUNTED DUPLEX GFI RECEPTACLE. EXTEND EXISTING CIRCUIT(S) (2 #12, 1 #12 G., 3/4" CONDUIT) TO NEW RECEPTACLES. (TYP.)



3 KEY PLAN - LEVEL 1 - SCIENCE ROOMS

SCALE: 1" = 160'-0"

PROJECT NORTH

H2M architects + engineers

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605
914.358.5623 • www.h2m.com
NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

**120 PRIMROSE ST.
LINCOLNDALE, NY 10540**

SED #: 66-21-01-06-0-003-023

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FOR BID

SHEET TITLE

**ELECTRICAL
SCIENCE CLASSROOMS 107D, 108D, 109D ENLARGED PLANS**

DRAWING No.

HS-E 402.00

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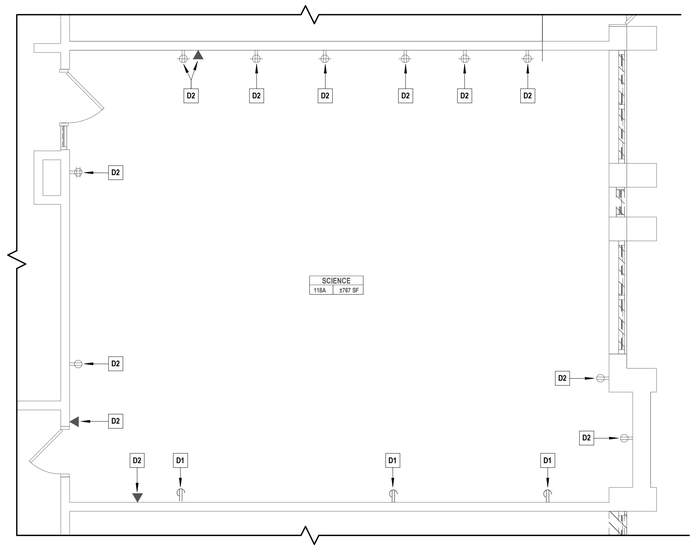
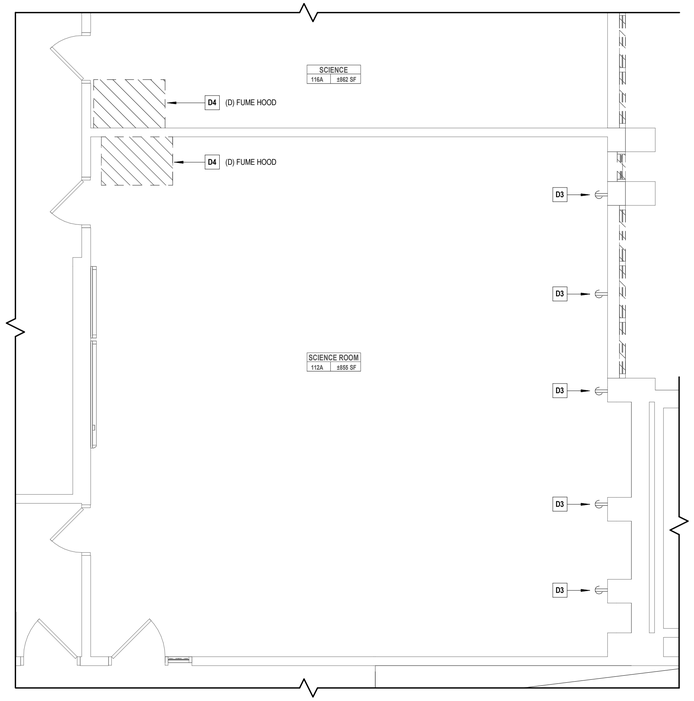


1 ELECTRICAL DEMOLITION ENLARGED SCIENCE ROOM 118A

SCALE: 1/4" = 1'-0"

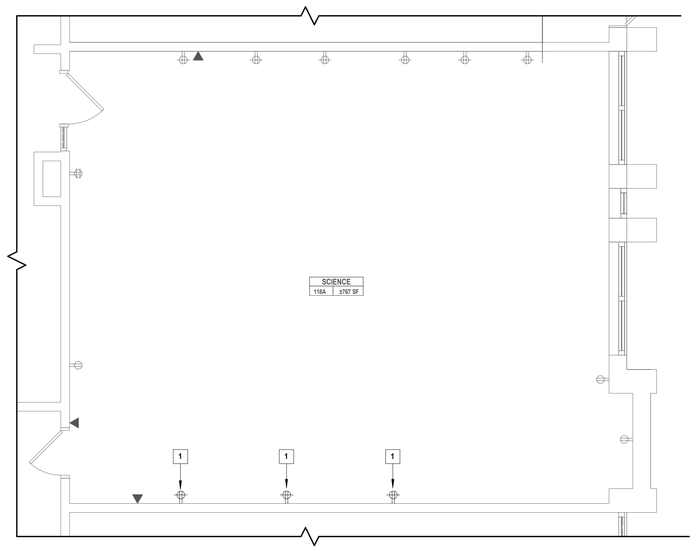
PROJECT NORTH



3 ELECTRICAL DEMOLIITON ENLARGED SCIENCE ROOMS 112A & 116A

SCALE: 1/4" = 1'-0"

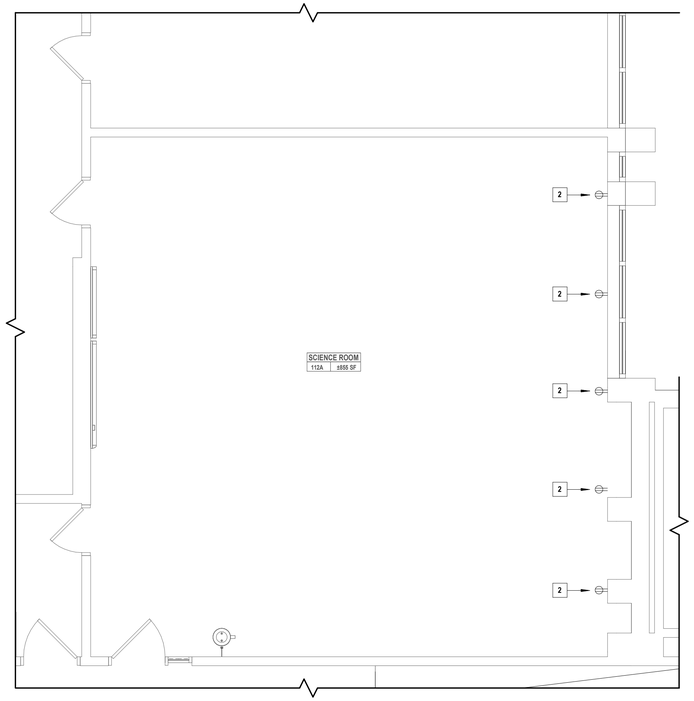
PROJECT NORTH



2 ELECTRICAL NEW WORK ENLARGED SCIENCE ROOM 118A

SCALE: 1/4" = 1'-0"

PROJECT NORTH



4 ELECTRICAL NEW WORK ENLARGED SCIENCE ROOMS 112A & 116A

SCALE: 1/4" = 1'-0"

PROJECT NORTH

GENERAL NOTES

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6. CONTRACTOR SHALL REMOVE AND TEMPORARY SUPPORT THE EXISTING EXIT SIGNS, SPEAKERS, OCCUPANCY SENSORS, SMOKE / HEAT DETECTORS, WIRELESS ACCESS POINTS, ETC. TO ENABLE THE REMOVAL OF THE EXISTING DROP CEILINGS.
7. CONTRACTOR SHALL REINSTALL THE EXISTING LIGHT FIXTURES IN/ON THE NEW DROP CEILINGS AND RECONNECT TO THE EXISTING LIGHTING CIRCUITS WITH NEW WIRING (MATCH EXISTING WIRING) AND TIE INTO THE EXISTING LIGHTING CONTROLS. EXISTING LIGHTING SHALL BE SUPPORTED FROM STRUCTURAL CEILING ABOVE AND NOT THE GRID.
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X. ELECTRICAL DEMOLITION KEYED NOTES

D1. EXISTING WALL MOUNTED WIREMOLD RACEWAY AND RECEPTACLES SHALL BE REMOVED AND WIRING MADE SAFE TO BE EXTENDED TO NEW RECEPTACLES (SEE NEW WORK PLAN).

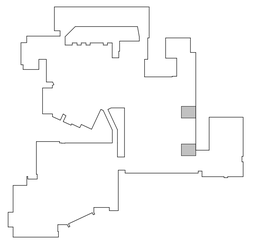
D2. EXISTING TO REMAIN.

D3. EXISTING PEDESTAL RECEPTACLES SHALL BE REMOVED AND WIRING MADE SAFE TO BE EXTENDED TO NEW RECEPTACLES (SEE NEW WORK PLAN).

D4. CONTRACTOR SHALL DISCONNECT THE EXISTING FUME HOOD LIGHT, RECEPTACLE, EXHAUST FAN, AND ASSOCIATED CONTROLS, REMOVE RELATED CONDUIT TO ABOVE THE CEILING, AND MAKE ALL ABANDONED WIRING SAFE. EXISTING CIRCUIT BREAKER(S) FEEDING THE FUME HOOD SHALL BE DISCONNECTED, MADE SAFE, AND LABELED "SPARE" IN THE ASSOCIATED PANELBOARD.

X. ELECTRICAL NEW WORK KEYED NOTES

1. THE CONTRACTOR SHALL INSTALL NEW SURFACE MOUNTED DUPLEX RECEPTACLE MOUNTED. EXTEND EXISTING CIRCUIT(S) (2 #12, 1 #12 G., 3/4" CONDUIT) TO NEW RECEPTACLES. (TYP.)\
2. THE CONTRACTOR SHALL INSTALL NEW WIREMOLD RACEWAY AND RECEPTACLES ABOVE NEW COUNTERTOP. EXTEND EXISTING CIRCUIT (2 #12, 1 #12 G., 3/4" CONDUIT) TO NEW RECEPTACLES. (TYP.)



5 KEY PLAN - LEVEL 1 - ROOM 118A, 116A, & 112A

SCALE: 1" = 160'-0"

PROJECT NORTH

H 2 M architects + engineers

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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL
SCIENCE CLASSROOMS 118A, 116A, & 112A ENLARGED PLANS

DRAWING No.

HS-E 403.00

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COPPER BRANCH CIRCUIT WIRE SIZING TABLES - 208V - 3% VOLTAGE DROP													
C/B TRIP		208V, 3P, 3W 120/208V, 3P, 4W			208V, 2P, 2W 120/208V, 2P, 3W				120V, 1P, 2W					
15	DISTANCE IN FEET	177	273	429	153	236	371	578	88	136	214	333	500	625
	MINIMUM WIRE SIZE	12	10	8	12	10	8	6	12	10	8	6	4	3
20	DISTANCE IN FEET	132	205	322	115	177	279	433	66	102	161	250	375	469
	MINIMUM WIRE SIZE	12	10	8	12	10	8	6	12	10	8	6	4	3
30	DISTANCE IN FEET	136	214	334	118	186	289	433	68	107	167	250	313	375
	MINIMUM WIRE SIZE	10	8	6	10	8	6	4	10	8	6	4	3	2
40	DISTANCE IN FEET	161	250	375	139	217	325	406	80	125	188	234	281	352
	MINIMUM WIRE SIZE	8	6	4	8	6	4	3	8	6	4	3	2	1
50	DISTANCE IN FEET	129	200	300	111	173	260	325	64	100	150	188	225	281
	MINIMUM WIRE SIZE	8	6	4	8	6	4	3	8	6	4	3	2	1
60	DISTANCE IN FEET	167	250	313	144	217	271	325	83	125	156	188	234	
	MINIMUM WIRE SIZE	6	4	3	6	4	3	2	6	4	3	2	1	
70	DISTANCE IN FEET	214	268	322	186	232	279	348	107	134	161	201		
	MINIMUM WIRE SIZE	4	3	2	4	3	2	1	4	3	2	1		
80	DISTANCE IN FEET	188	235	281	163	203	244	305	94	117	141	176		
	MINIMUM WIRE SIZE	4	3	2	4	3	2	1	4	3	2	1		
90	DISTANCE IN FEET	208	250	313	181	217	271		104	125	156			
	MINIMUM WIRE SIZE	3	2	1	3	2	1		3	2	1			
100	DISTANCE IN FEET	188	225	281	163	195	244		94	113	141			
	MINIMUM WIRE SIZE	3	2	1	3	2	1		3	2	1			

NOTES:

1. READ ACROSS TO THE RIGHT FROM C/B TRIP TO DESIRED VOLTAGE CHARACTERISTICS AND NEXT GREATER DISTANCE THAN CIRCUIT IN QUESTION.
2. READ DOWN TO MINIMUM WIRE SIZE.
3. DISTANCES ARE TO THE CENTER OF CONCENTRATED LOAD SUCH AS CLASSROOM LIGHTING OR THE MIDPOINT OF DISTRIBUTED LOAD SUCH AS CORRIDOR LIGHTING.
4. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INCREASED IN SIZE PROPORTIONATELY PER N.E.C.

NOTES TO PANELBOARD SCHEDULES AND BRANCH CIRCUIT WIRE SIZING TABLES

WIRE SIZING

UNLESS OTHERWISE INDICATED, MINIMUM WIRE AMPACITY SHALL BE GREATER THAN OR EQUAL TO THE BRANCH CIRCUIT TRIP BASED ON COPPER CONDUCTOR WITH 90-DEGREE C THHN INSULATION APPLIED AT ITS 75-DEGREE C AMPACITY.

REFER TO THE BRANCH CIRCUIT WIRE SIZING TABLES FOR DISTANCE LIMITATIONS FOR THE MINIMUM WIRE SIZE AND FOR SELECTING THE PROPER WIRE SIZE FOR THE DISTANCE AND VOLTAGE DROP INVOLVED.

NUMBER OF CONDUCTORS

UNLESS OTHERWISE INDICATED, QUANTITIES OF WIRES SHALL BE BASED ON AN INDIVIDUAL HOMERUN FOR EACH CIRCUIT AS FOLLOWS.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
1 POLE CIRCUIT	1	1	1	0
1 POLE DATA/ COMPUTER CIRCUIT	1	1	1	1
2 POLE CIRCUIT	2	1	1	0
3 POLE CIRCUIT	3	1	1	0
3 POLE MOTOR CIRCUIT DELTA	3	0	1	0
3 POLE MOTOR CIRCUIT WYE	3	1	1	0

CONSECUTIVE INDIVIDUAL 20 AMP LINE TO NEUTRAL BRANCH CIRCUITS MAY NOT BE COMBINED INTO MULTIWIRE BRANCH CIRCUITS HAVING HOMERUNS WITH A COMMON NEUTRAL CONDUCTOR.

SINGLE PHASE, TWO POLE, TWO WIRE, LINE TO LINE, BRANCH CIRCUITS AND SINGLE PHASE, TWO POLE, THREE WIRE, LINE TO LINE PLUS NEUTRAL, BRANCH CIRCUITS SHALL HAVE INDIVIDUAL UNCOMBINED HOMERUNS.

COMBINED TWO AND THREE CIRCUIT HOMERUNS SHALL HAVE SEPARATE NEUTRALS FOR EACH CIRCUIT BUT A COMMON EQUIPMENT GROUNDING CONDUCTOR AND A COMMON ISOLATED GROUNDING CONDUCTOR MAY BE USED.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
TWO 1 POLE HOMERUNS	2	2	1	0
TWO 1 POLE DATA/COMP. CIRCUIT HOMERUNS	2	2	1	1
THREE 1 POLE HOMERUNS	3	3	1	0
THREE 1 POLE DATA/COMP. CIRCUIT HOMERUNS	3	3	1	1

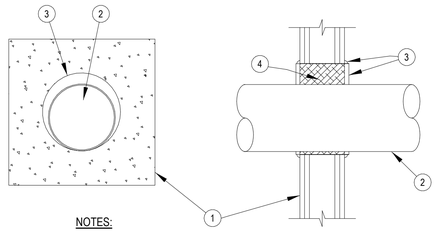
WIRE DERATING

1. COMBINED HOMERUNS SHALL HAVE THE MINIMUM BRANCH CIRCUIT WIRE SIZE INCREASED IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL ADJUSTMENT FACTORS FOR NUMBER OF CURRENT CARRYING CONDUCTORS IN A RACEWAY.
2. NEUTRAL CONDUCTORS FOR FLUORESCENT AND HIGH INTENSITY DISCHARGE LIGHTING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.
3. INDIVIDUAL NEUTRAL CONDUCTOR FOR COMBINED HOMERUNS FOR DATA / COMPUTER OUTLETS ARE CURRENT CARRYING CONDUCTORS.
4. NEUTRAL CONDUCTORS FOR DIMMING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.

RACEWAY SIZING

1. ALL RACEWAYS SHALL BE SIZED IN ACCORDANCE WITH THE CURRENT NATIONAL ELECTRICAL CODE IN EFFECT AS A MINIMUM SIZE. THE MORE COMMON SIZES ARE INCLUDED HERE FOR THE CONTRACTOR'S CONVENIENCE.

WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE	WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE
12	3	3/4"	8	3	3/4"
12	4	3/4"	8	4	3/4"
12	5	3/4"	8	5	3/4"
12	6	3/4"	8	6	1"
12	7	3/4"	8	7	1"
12	8	3/4"	8	8	1"
10	3	3/4"	6	3	3/4"
10	4	3/4"	6	4	3/4"
10	5	3/4"	6	5	1"
10	6	3/4"	6	6	1"
10	7	3/4"	6	7	1-1/4"
10	8	3/4"	6	8	1-1/4"

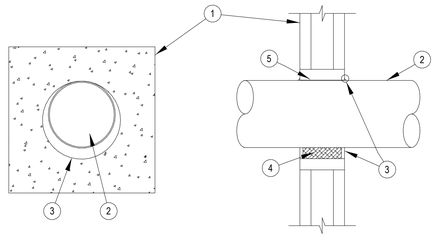


NOTES:

1. RATED GYPSUM WALL BOARD ASSEMBLY.
2. MAXIMUM 10" TRADE SIZE STEEL CONDUIT OR EMT.
3. STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH FLUSH TO THE END OF THE SLEEVE WITH AN ADDITIONAL 1/4" CROWN APPLIED AROUND THE SLEEVE / WALL INTERFACE. ANNULUS RANGING FROM 1/8" MINIMUM TO 2 1/4" MAXIMUM.
4. STEEL SLEEVE PACKED WITH MINERAL WOOL BATT, TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.

1 OR 2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU GYPSUM BOARD WALLS

1 SCALE:NONE U.L. SYSTEM NUMBER W-L-1054



NOTES:

1. CONCRETE SLAB OR CONCRETE OVER STEEL DECK.
2. MAXIMUM 8" TRADE SIZE STEEL CONDUIT. ANNULUS RANGING FROM POINT CONTACT" TO 1.4" MAXIMUM.
3. STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH. **
4. MINERAL WOOL BATT, NOMINAL 4PCF. TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.
5. STEEL SLEEVE.

*NOTE: A MINIMUM ANNULAR SPACE OF 1/4" AND A 28 GAUGE STEEL COVER PLATE ARE REQUIRED FOR A 4 HOUR RATING.

**NOTE: AT POINT CONTACT APPLY A 3/8" COVE BEAD OF SEALANT BETWEEN PIPE AND BOTH SURFACES OF WALL.

2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU MASONRY WALLS

2 SCALE:NONE U.L. SYSTEM NUMBER C-AJ-1150

H 2 M architects + engineers

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CONSULTANTS:

MARK	DATE	DESCRIPTION

7.31.2028
Exp. Date

JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 075825

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST.
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

ELECTRICAL DETAILS

DRAWING No.

HS-E 500.00

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PANEL INFORMATION						ELECTRICAL DATA						BREAKER SIZES																PANEL DIMENSIONS			NOTES
PANEL NAME	PANEL LOCATION			EXISTING MANUFACTURER	MOUNTING	VOLTAGE	PHASE	AMPS	MLO / MCB	MCB (IF APPLICABLE)	SPACES	1 POLE				2 POLE						3 POLE						4 POLE	WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	
	FLOOR	ROOM NAME	ROOM NUMBER									15A	20A	30A	SPACE	15A	20A	30A	40A	50A	60A	15A	20A	30A	60A	100A	SPACE	20A				
LP-BR	1	BOILER	119A	GENERAL ELECTRIC	SURFACE	120/208	3	100A	MLO	-	30	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	30	5	
KP1	1	KITCHEN	128A	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	36	-	30	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	15.5	38	-	
KP2	1	KITCHEN	128A	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	36	1	13	-	-	-	-	-	1	-	1	4	-	2	-	-	-	-	15.5	38	-	
LP-1A.1	1	JAN. CL.	100A-4	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	42	-	39	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	14	37	5	
LP-1A.3	1	STORAGE	129A-1	GENERAL ELECTRIC	SURFACE	120/208	3	100A	MLO	-	24	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	28	5	
LP-1A.2	1	CLOSET	100C-1	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	42	-	36	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	14	37	5	
P-1B SECTTION 1	1	JC	100C-7	GENERAL ELECTRIC	SURFACE	120/208	3	400A	MLO	-	30	-	28	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	22	56	6	
P-1B SECTTION 2	1	JC	100C-7	GENERAL ELECTRIC	SURFACE	120/208	3	400A	MLO	-	30	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	56	6	
P-WS	1	LASER MACHINE	158C-2	CROUSE HINDS	SURFACE	120/208	3	150A	MLO	-	20	1	14	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	14	23	4	(12) 1P-20 AMP BREAKERS ARE GFCI
P-153C-1	1	COMPUTER ROOM	153C	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	24	-	-	-	-	-	-	-	-	-	-	3	2	1	-	2	-	-	24	78	-	
P-153C-2	1	COMPUTER ROOM	153C	GENERAL ELECTRIC	FLUSH	120/208	3	200A	MLO	-	24	-	14	-	1	-	-	-	-	-	-	3	-	-	-	-	-	-	24	78	-	NEW PANEL SHALL HAVE INTERGRAL 3P-200A CONTACTOR TO CONTROL PANEL P-153C-1.
P-158C-1 SECTION 1	1	MAKER SPACE	158C	GENERAL ELECTRIC	FLUSH	120/208	3	200A	MLO	-	42	-	20	-	-	-	-	1	-	1	-	6	-	-	-	-	-	-	23.5	87	-	3P-60 A SUBFEED BREAKER AND 3P-200 CONTACTOR TO CONTROL P-158C-1 SECTION 2
P-158C-1 SECTION 2	1	MAKER SPACE	158C	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	42	-	11	-	-	-	2	1	-	-	-	6	-	-	1	-	-	1	23.5	87	-	
P-158C-3	1	MAKER SPACE	158C	SQAURE D	FLUSH	120/208	3	100A	MCB	60	18	-	15	-	-	-			-	-	1		-	-		-	-		23.5	87	-	
LP-1B1.A	1	DRESSING ROOM	152C	GENERAL ELECTRIC	SURFACE	120/208	3	400A	MLO	-	36	-	19	-	-	-	2	-	-	1	1	-	-	1	1	1	-	-	22.5	60	6	
LP-1B1.B	1	DRESSING ROOM	152C	GENERAL ELECTRIC	SURFACE	120/208	3	400A	MLO	-	36	-	30	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	22.5	60	6	
PP-4	1	CUST. CLOSET	15	GENERAL ELECTRIC	SURFACE	120/208	3	100A	MLO	-	18	-	6	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	22	64	6	TOP PANEL HAS 3P-100 CONTACTOR TO CONTROL THIS SECTION
						120/208	3	100A	MLO	-	18	-	11	1	3	-	-	-	-	-	-	-	1	-	-	-	-	-				BOTTOM PANEL HAS 3P-70 AMP SUB BREAKER TO FEED TOP SECTION VIA CONTACTOR AND TIME SWITCH
P-EXIT	1	CUST. CLOSET	15	GENERAL ELECTRIC	SURFACE	120/208	3	100A	MLO	-	12	-	10	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	14	22	5	
LP-LB.2	1	CUST. CLOSET	15	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	42	-	38	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	14	37	5	
LP-2A.1	2	CLOSET	250A-8	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	42	-	36	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	14	36	5	REMOVE TIME SWITCH ON SIDE OF PANEL AND REINSTALL AFTER NEW PANEL IS INSTALLED
LP-2A.2 LEFT	2	CL.	250A-3	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	24	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	40	5	
LP-2A.2 RIGHT	2	CL.	250A-3	GENERAL ELECTRIC	SURFACE	120/208	3	225A	MLO	-	24	-	16	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	14	40	5	
P-2A.3-AV-LEFT	2	S.O.C. OFFICE STUDY	250A-10	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	30	-	25	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	15.5	47	-	
P-2A.3-AV-RIGHT	2	S.O.C. OFFICE STUDY	250A-10	GENERAL ELECTRIC	FLUSH	120/208	3	225A	MLO	-	24	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.5	47	-	
LP-LPG	2	CLOSET	34-3	GENERAL ELECTRIC	SURFACE	120/208	3	400A	MLO	-	42	-	39	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	22.5	51	6	

1 PANEL REPLACEMENT SCHEDULE

SCALE: NONE

LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE	FIXTURE WATTAGE
◯	A	ENDURO	SGRTP6LEDOS-10L-30K-E1-TPSGR6OS-SO-PC-GS-WL EMERGENCY: SGRTP6LEDOS-10L-30K-E1-EM-TPSGR6OS-SO-PC-GS-WL	6" ROUND TAMPER RESISTANT RECESSED DOWNLIGHT 1100 LUMEN, 84 CRI. EMERGENCY: 7W BATTERY PACK	RECESSED	LED	120	10.5

NOTES:

1. VERIFY CEILING TYPE AND OPERATING VOLTAGE BEFORE ORDERING LIGHTING FIXTURES. COORDINATE COMPATIBILITY OF FIXTURES WITH BUILDING CONSTRUCTION FOR AVAILABLE SPACE, CLEARANCE, ACCESSIBILITY, ETC.
2. THE LIGHTING MANUFACTURERS AND CATALOG NUMBERS INDICATED IN THE ABOVE LIGHTING FIXTURE SCHEDULE REPRESENT THE BASIS OF DESIGN SELECTIONS FOR THIS PROJECT AND COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) LIGHTING LIBRARY ILLUMINATION LEVEL REQUIREMENTS AND ASHRAE 90.1-2019. SHOULD THE CONTRACTOR ELECT TO SUBSTITUTE AN ALTERNATE MANUFACTURER FOR ANY OF THE LIGHT FIXTURE TYPES. PERFORMANCE OF THE FIXTURE IS CRITICAL AND PROVIDING PHOTOMETRIC DATA IS AMONG REQUIREMENTS IN DETERMINING WHETHER THE SUBMITTED LIGHT FIXTURE CAN PROVIDE THE REQUIRED NORMAL AND EMERGENCY LIGHTING ILLUMINATION LEVELS BASED ON THE QUANTITY AND LOCATIONS OF THE LIGHT FIXTURES INDICATED ON THE CONTRACT LIGHTING PLAN DRAWINGS.

EMERGENCY TYPE LEGEND:

EM ◣ FIXTURES HALF SHADED OR LABELED 'EM' SHALL INCLUDE AN INTEGRAL OR REMOTE EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.

2 LIGHTING FIXTURE SCHEDULE

SCALE: NONE

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CONSULTANTS:

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JEFFERY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 072825

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No: SMSD2508 | DATE: OCTOBER 2026 | SCALE: AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

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LINCOLNDALE, NY 10540**

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