



1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY
2. DISCONNECT & RECONNECT AS REQUIRED FOR WALL CONSTRUCTION



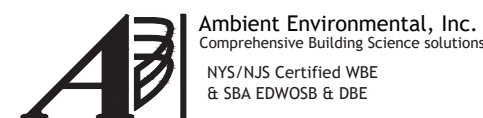
Oakside School - Main Level Removal Plan

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

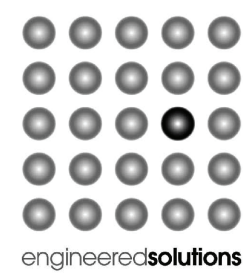


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_____ Electrical _____
_____ Communications _____
_____ Mechanical _____
_____ ES # 19071 _____

Client:



Peekskill City School District
1031 Elm St.
Peekskill, NY 10566

Peekskill Reconstruction

SED Project: 66-15-00-01-0-005-020
HDG Project: 201

Oakside Elementary

200 Decatur Ave.,
Peekskill, NY 10566

SED Project: 66-15-00-01-0-007-014
HDG Project: 202

Uriah Hill School

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Middle School

212 Ringgold St.,
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DRAWN BY:
SDK

ISSUE: 02/01/2021

SDK

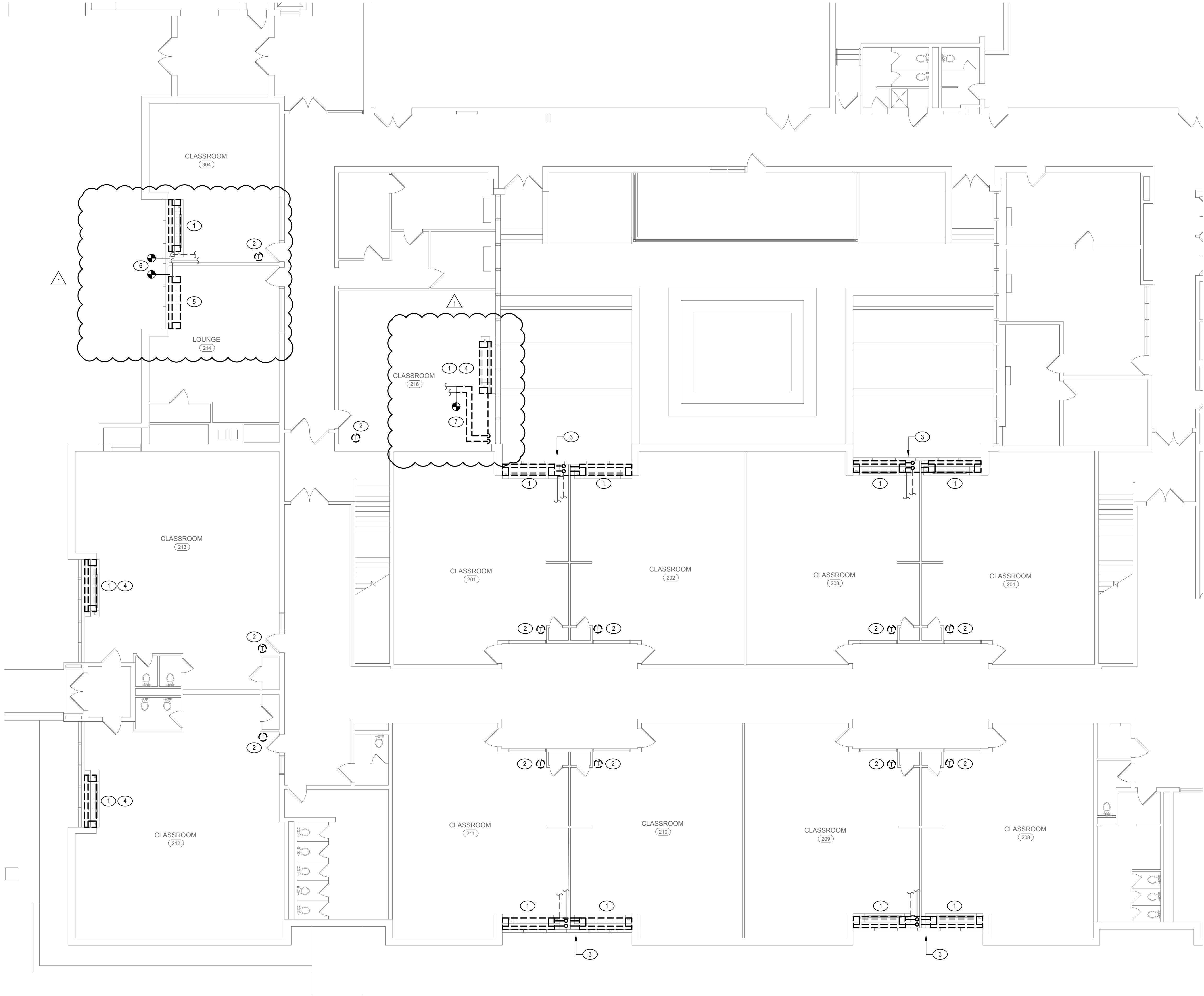
△ ADDENDUM NO. 1



DESCRIPTION

Main Level Removal Plans

O-E.202.00

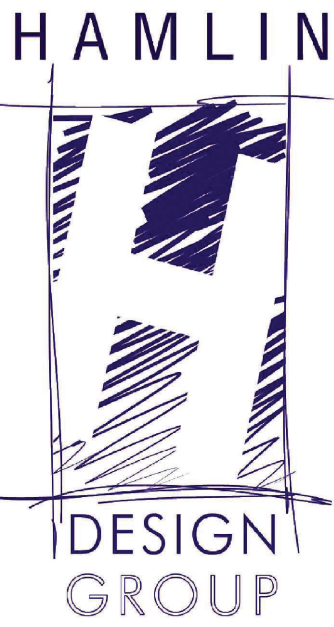
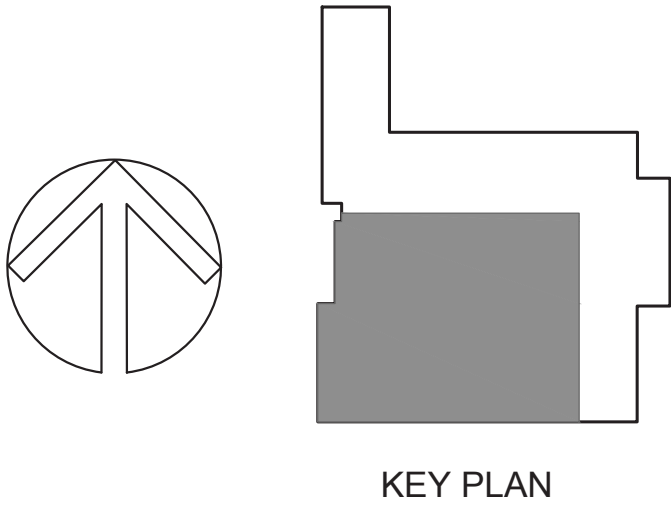


DRAWING NOTES: #

1. REMOVE UNIT VENT WITH ALL CONTROLS, PIPING, DUCTWORK, LOUVER, SLEEVE AND ALL ACCESSORIES.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. CUT AND CAP PIPING THAT GOES TO THIS SIDE UNIT VENT. THE NEW UNIT WILL HAVE NEW PIPING.
4. CUT AND CAP PIPING BELOW FLOOR. SEE 400 SERIES FOR NEW PIPING.
5. REMOVE UNIT VENT WITH ALL CONTROLS, PIPING, DUCTWORK, LOUVER, SLEEVE AND ALL ACCESSORIES. SAVE UNIT FOR RE-INSTALLATION.
6. CUT PIPING AT WALL.
7. REMOVE EXISTING PIPING.

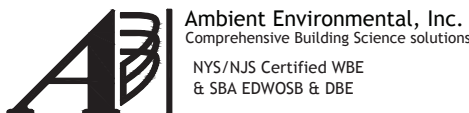


1 Removal Plan
O-M.201.00 SCALE: 1/8" = 1'-0"

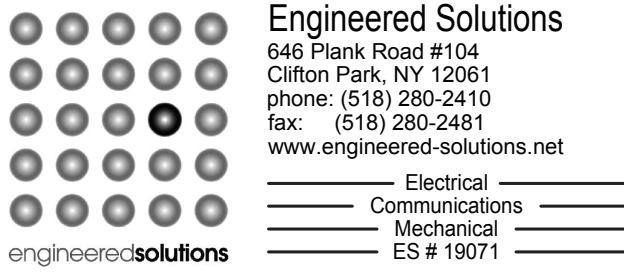


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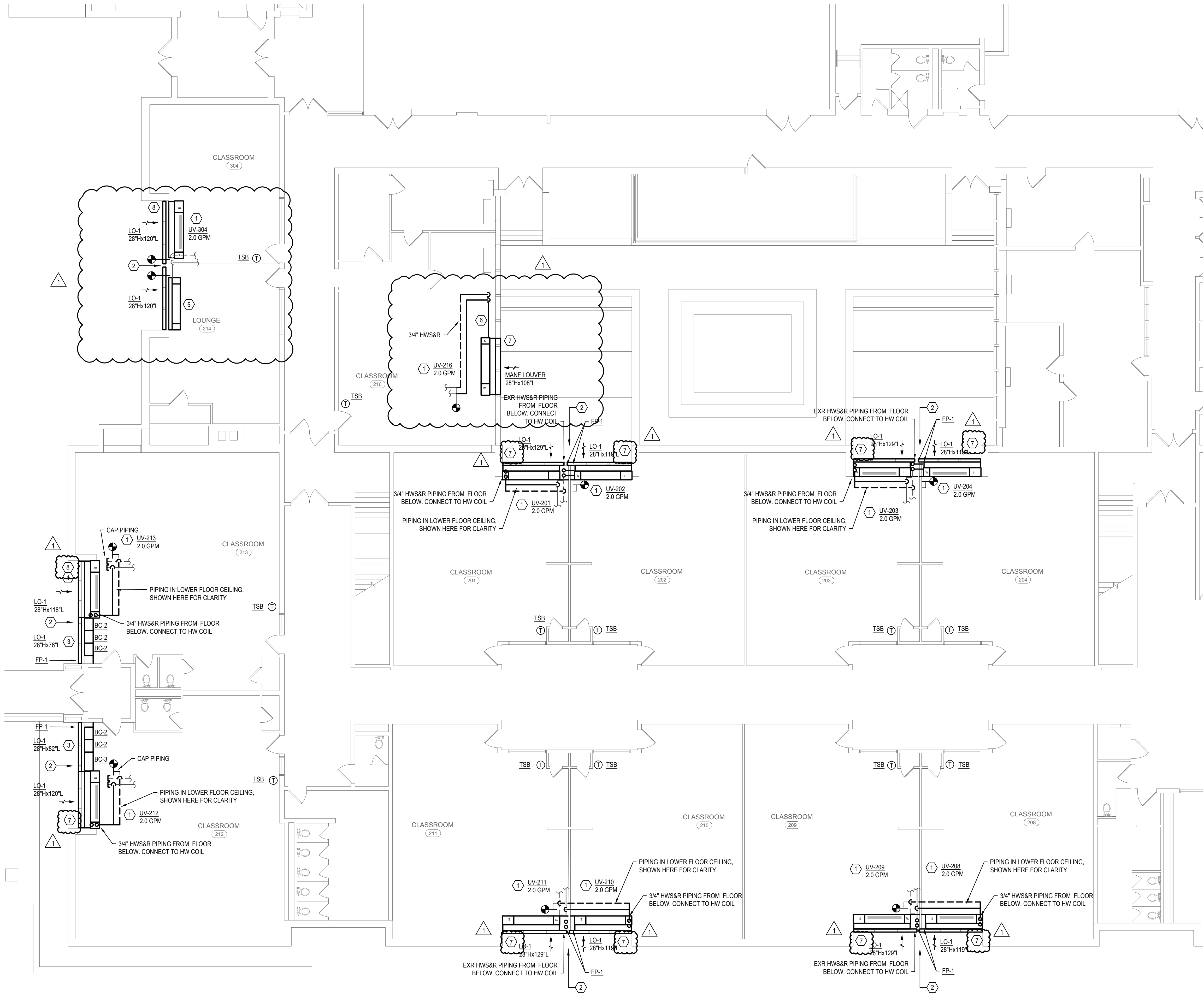
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ADDENDUM NO. 1
REV: 03/05/2021



DESCRIPTION
Removal Plan

O-M.201.00



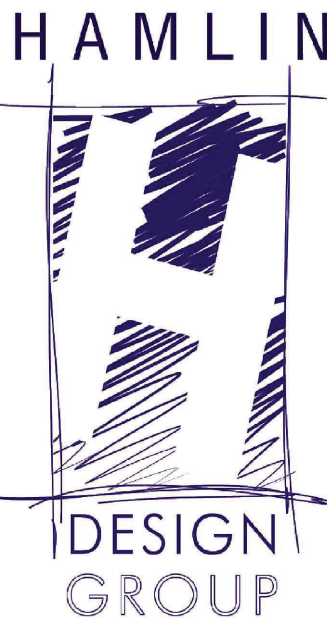
1 HVAC Plan
O-M.401.00 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING O-A.500.00 WILL BE PART OF THE MC CONTRACT. THIS CONTRACTOR SHALL HIRE A LICENSED CONTRACTOR TO PERFORM THE EXTERIOR WORK ON THE BUILDING TO THE SATISFACTION OF THE OWNER.
- THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.
- EXTEND THE WATER PIPING TO THE NEW LOCATIONS FOR THE NEW LONGER UNIT VENT IN THE FLOOR BELOW. THE UNIT DOES NOT HAVE A PIPE TUNNEL FOR CROSSOVER PIPING.
- ALL LOUVERS ARE TO BE MEASURED AND FIELD VERIFIED BEFORE ANY SUBMITTALS. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.
- ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.
- LOUVERS ARE TO BE A CLEAR ANODIZED AND NON-FLANGED.
- PROVIDE (2) 30"x30" ACCESS DOORS IN THE LOWER LEVEL CEILING TO ACCESS THE PIPING FOR ALL UNITS. THIS WILL BE FOR EACH UNIT (SO 2 DOORS PER UNIT VENT).
- PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

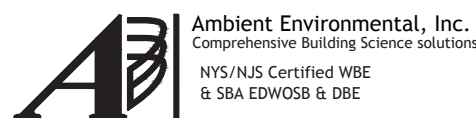
DRAWING NOTES:

- INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND AND CONNECT EXISTING HWS&R PIPING TO NEW UNIT VENT. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
- PROVIDE 2" VERTICAL SUPPORT BETWEEN LOUVERS. SUPPORT SHALL BE THE ALUMINUM WITH ANODIZED ALUMINUM COLOR TO EXACTLY MATCH LOUVER.
- PROVIDE SHEETMETAL AND INSULATION BEHIND LOUVER PER DETAIL.
- REMOVE LOUVER AND PART OF THE WALL SLEEVE TO VERIFY WALL CONSTRUCTION PRIOR TO SUBMITTALS TO VERIFY FINAL HEIGHT OF NEW LOUVER AND THICKNESS OF SLEEVE. RE-INSTALL LOUVER AFTER REVIEW.
- RE-INSTALL UNIT VENT. PROVIDE DRAIN FOR SPLIT UNIT IN ROOM OUT WALL. PROVIDE SHEET METAL AND INSULATION BEHIND UNIT PER DETAIL TO ENSURE THAT NO AIR ENTERS END COMPARTMENTS OR ROOM.
- RUN PIPING ACROSS WALL. PROVIDE PIPE ENCLOSURE.
- CONTRACTOR TO RUN 3/4" COPPER LINE FROM CONDENSATE DRAIN ON UNIT DOWN EXTERIOR OF WALL TO 12" ABOVE GRADE. ANCHOR PIPE TO WALL EVERY 4FT. PROVIDE 90DEG ELBOW AT BOTTOM OF PIPE.
- CONTRACTOR TO RUN 3/4" COPPER LINE FROM CONDENSATE DRAIN OUT WALL. PROVIDE 90 DEG ELBOW AT BOTTOM OF PIPE.

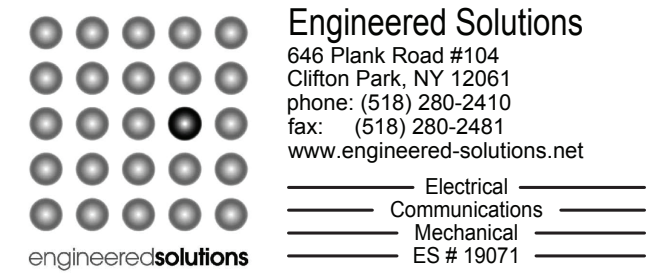


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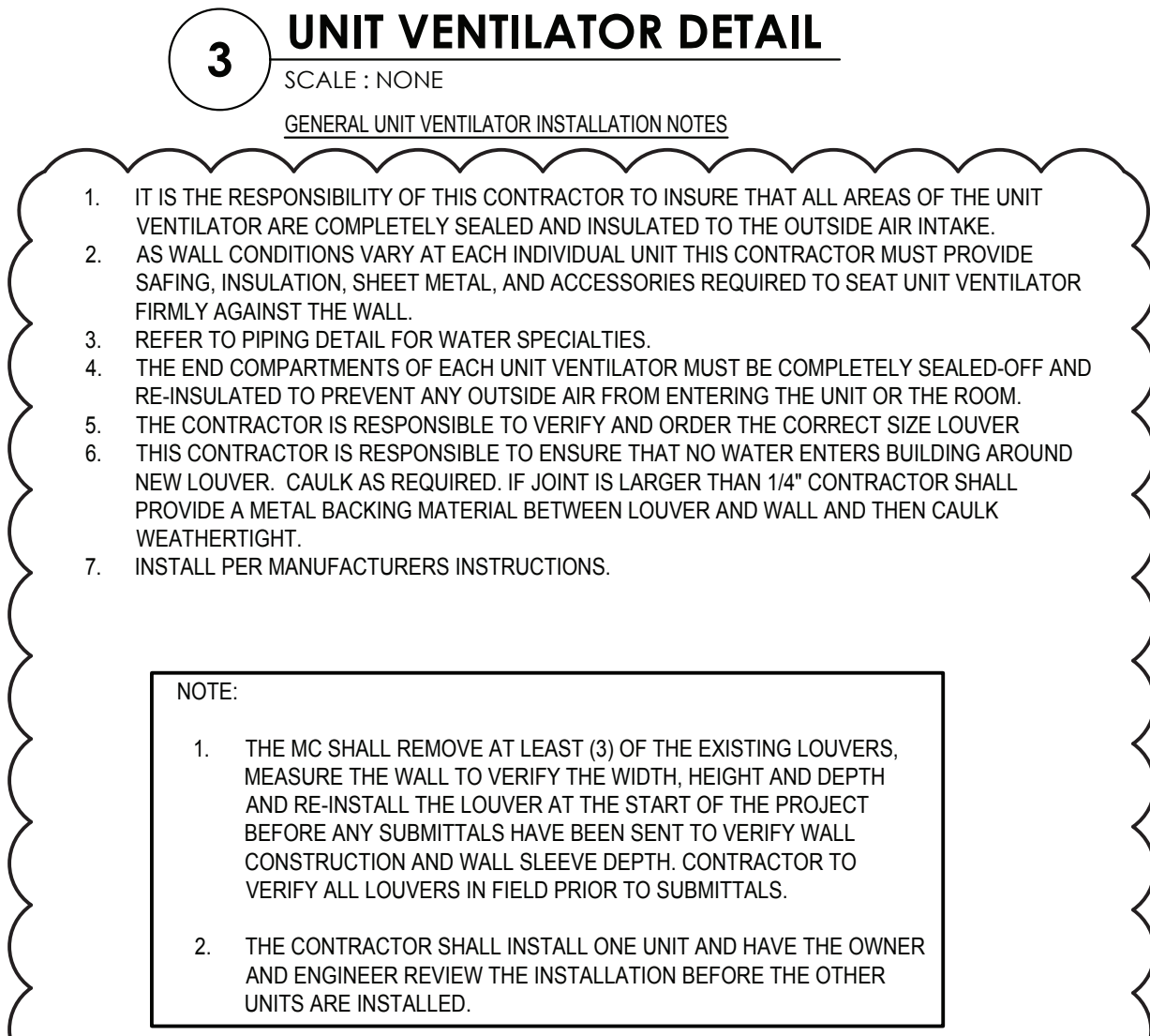
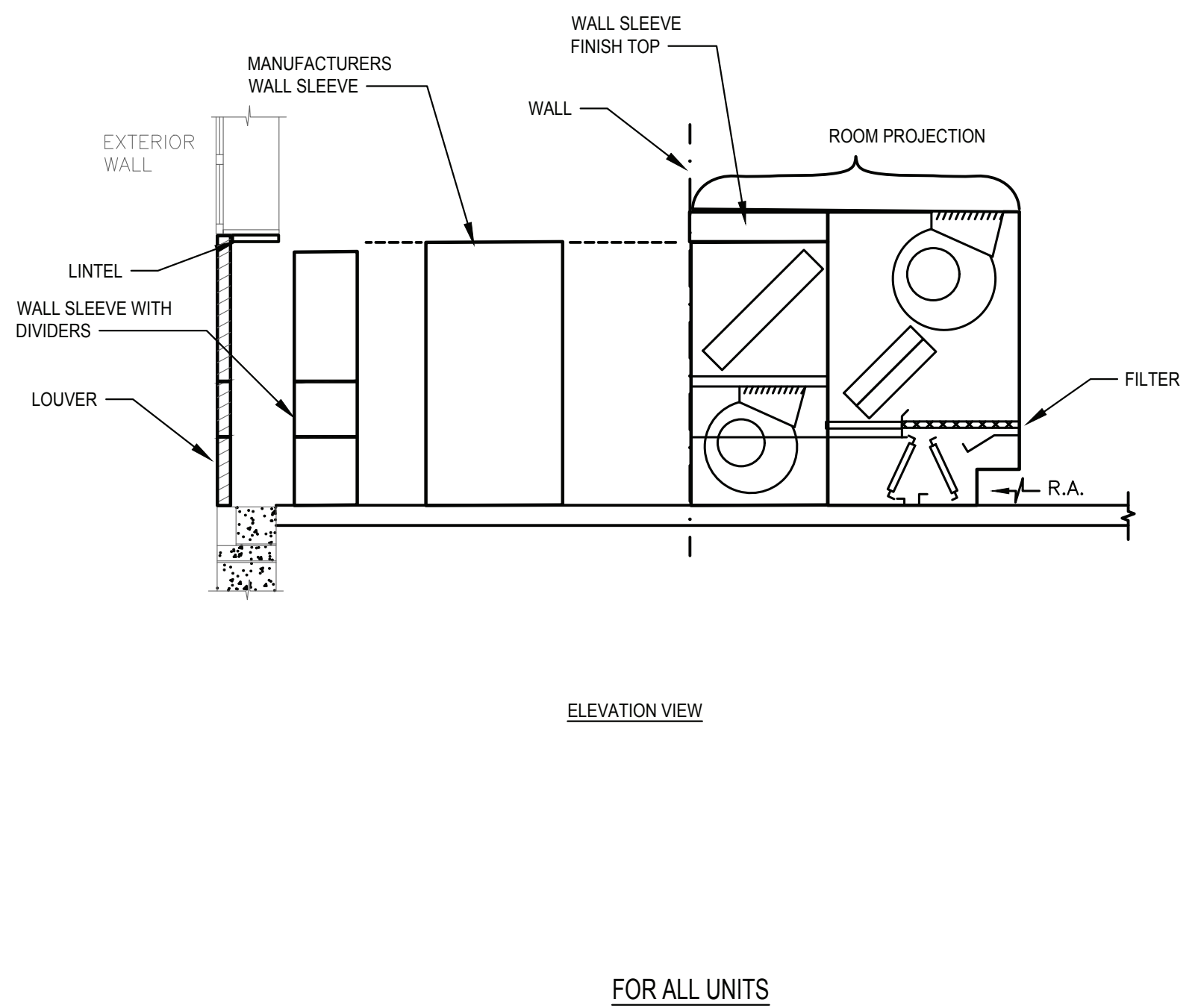
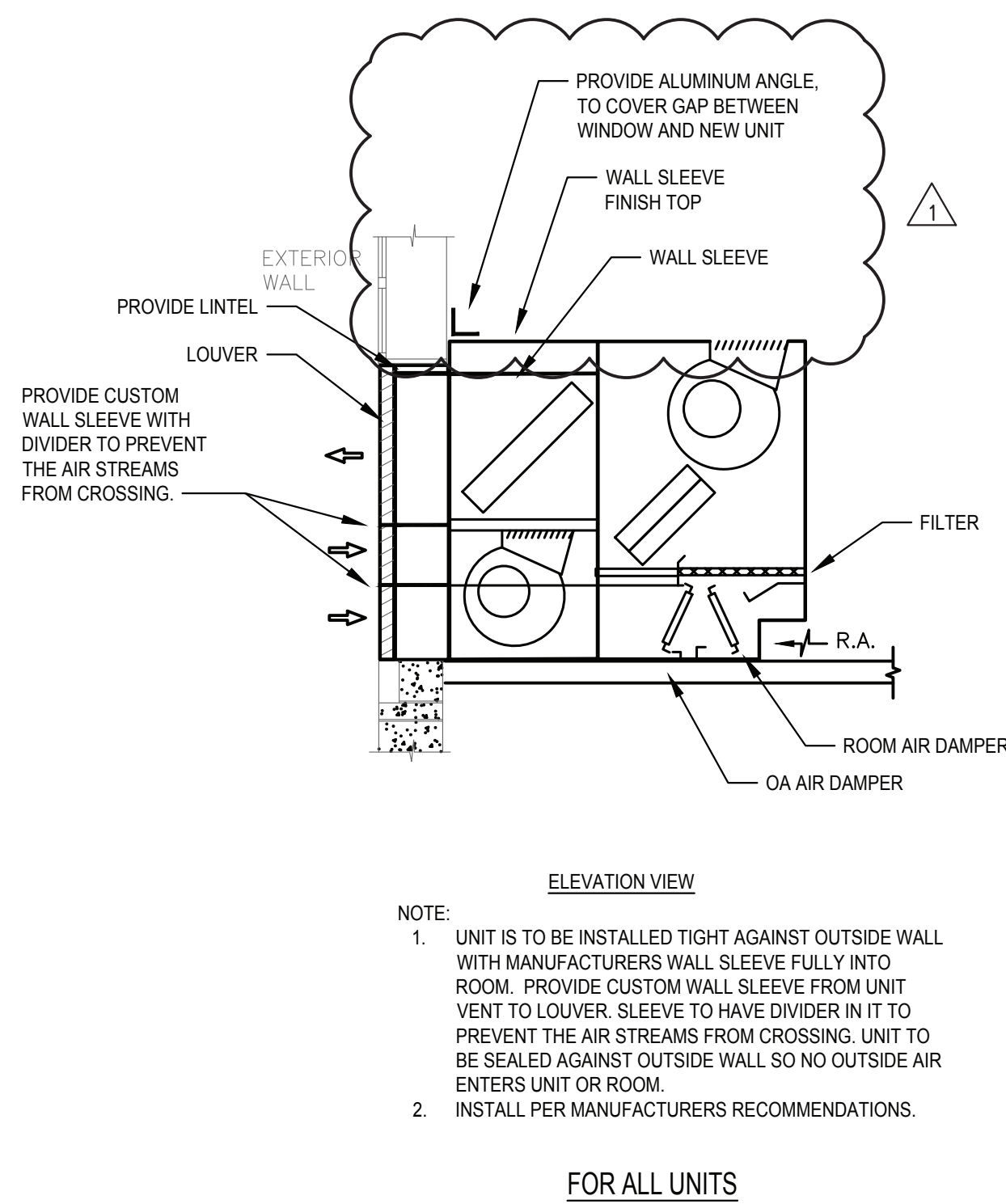
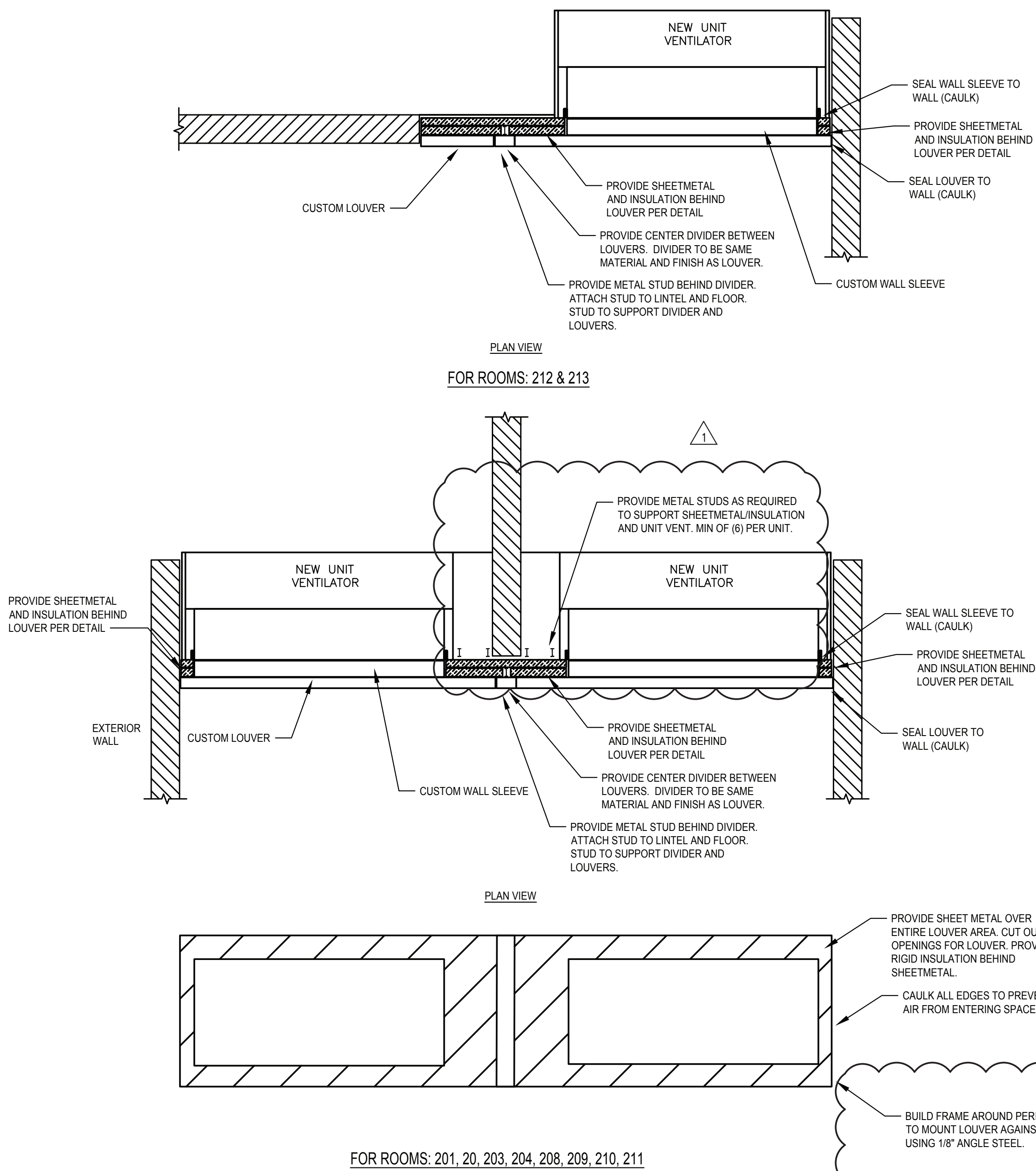
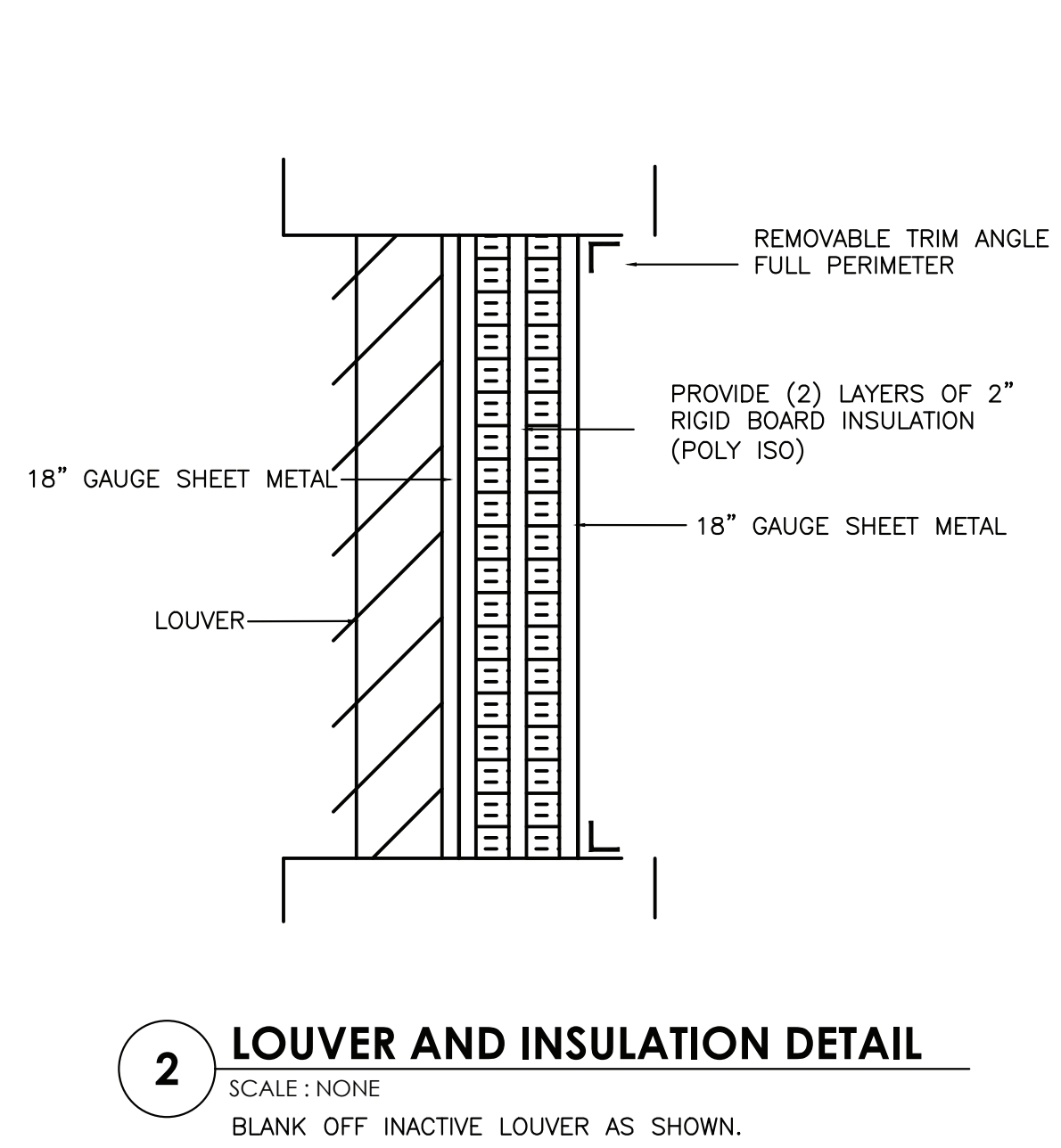
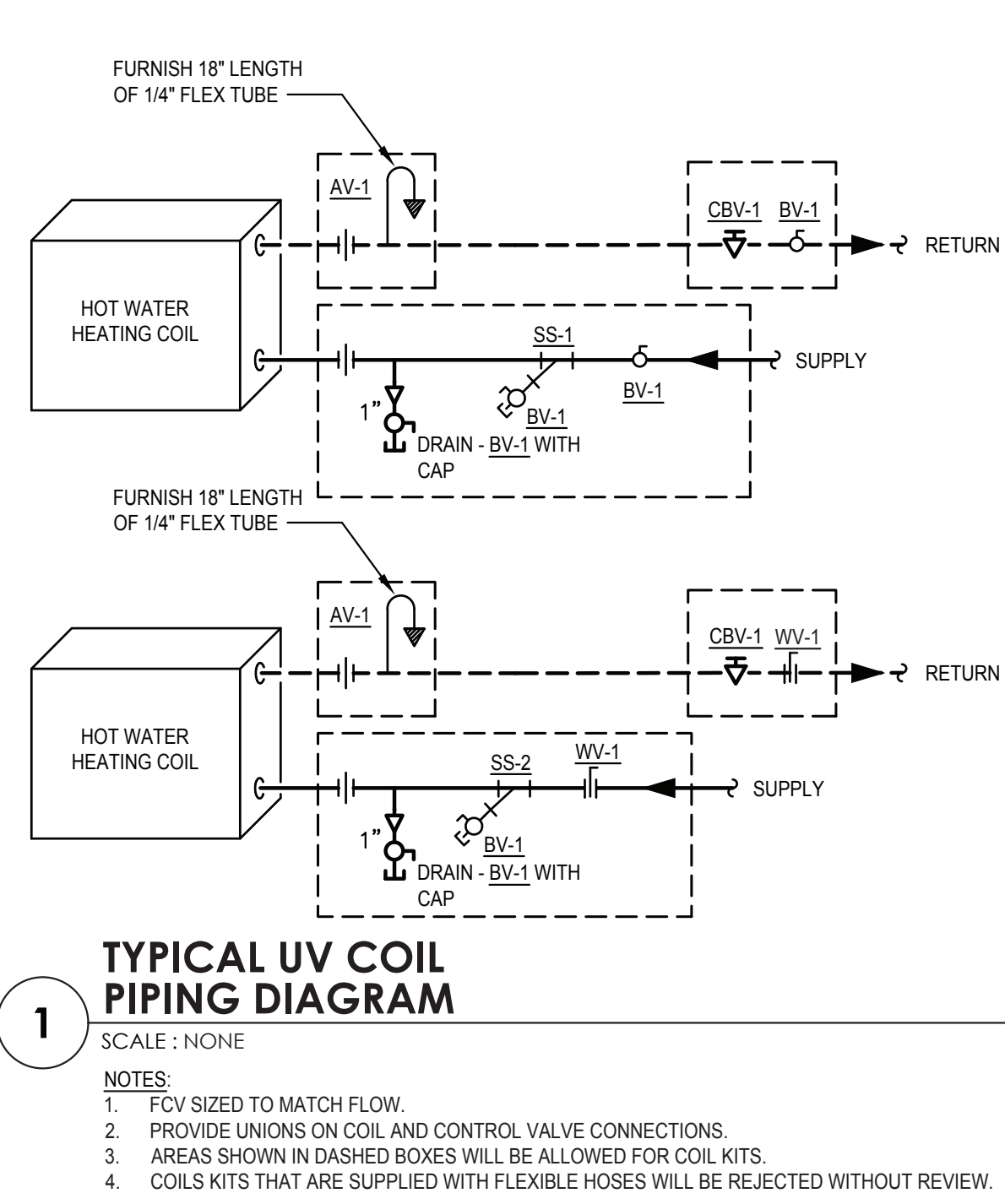
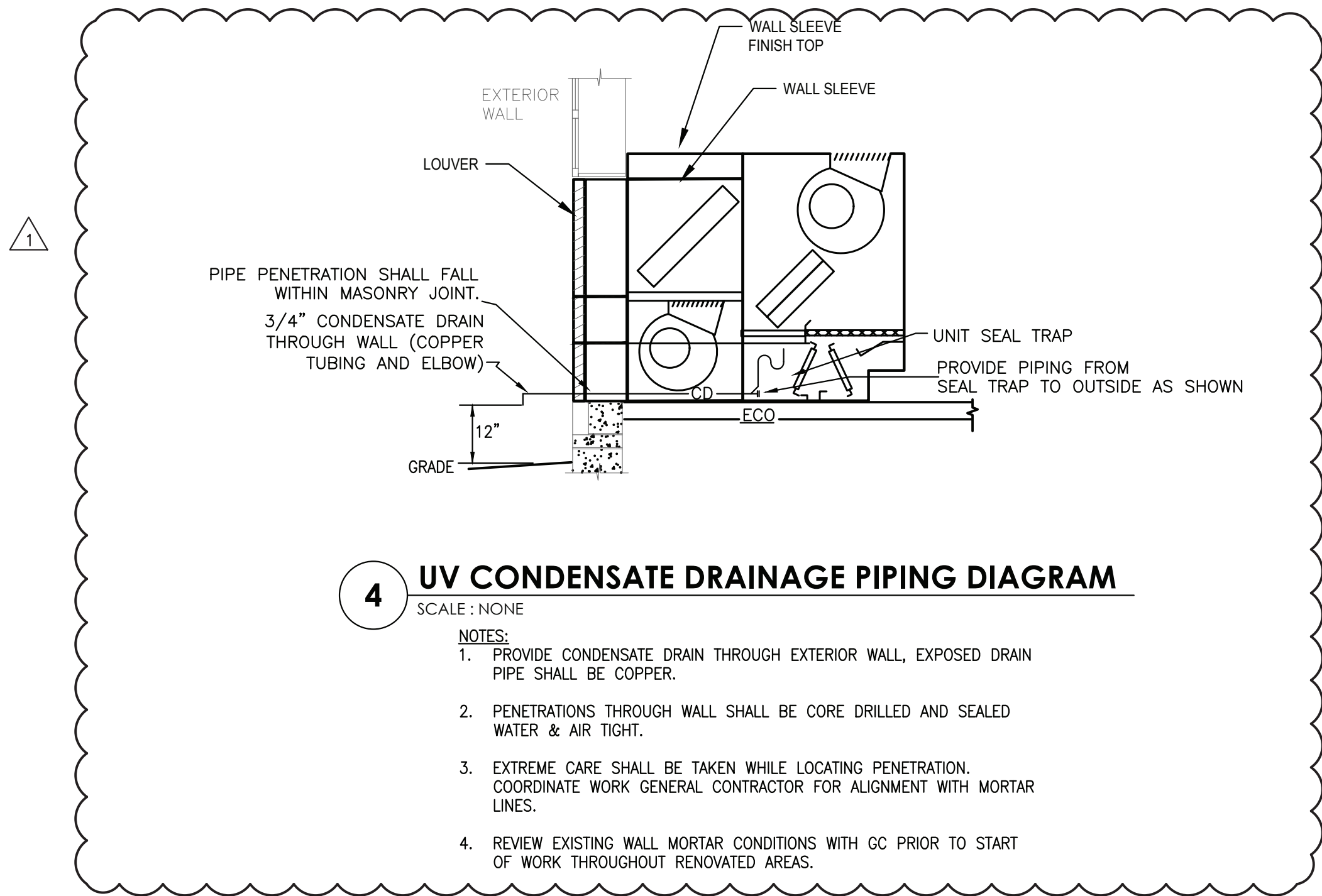
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DESCRIPTION
HVAC Plan

O-M.401.00



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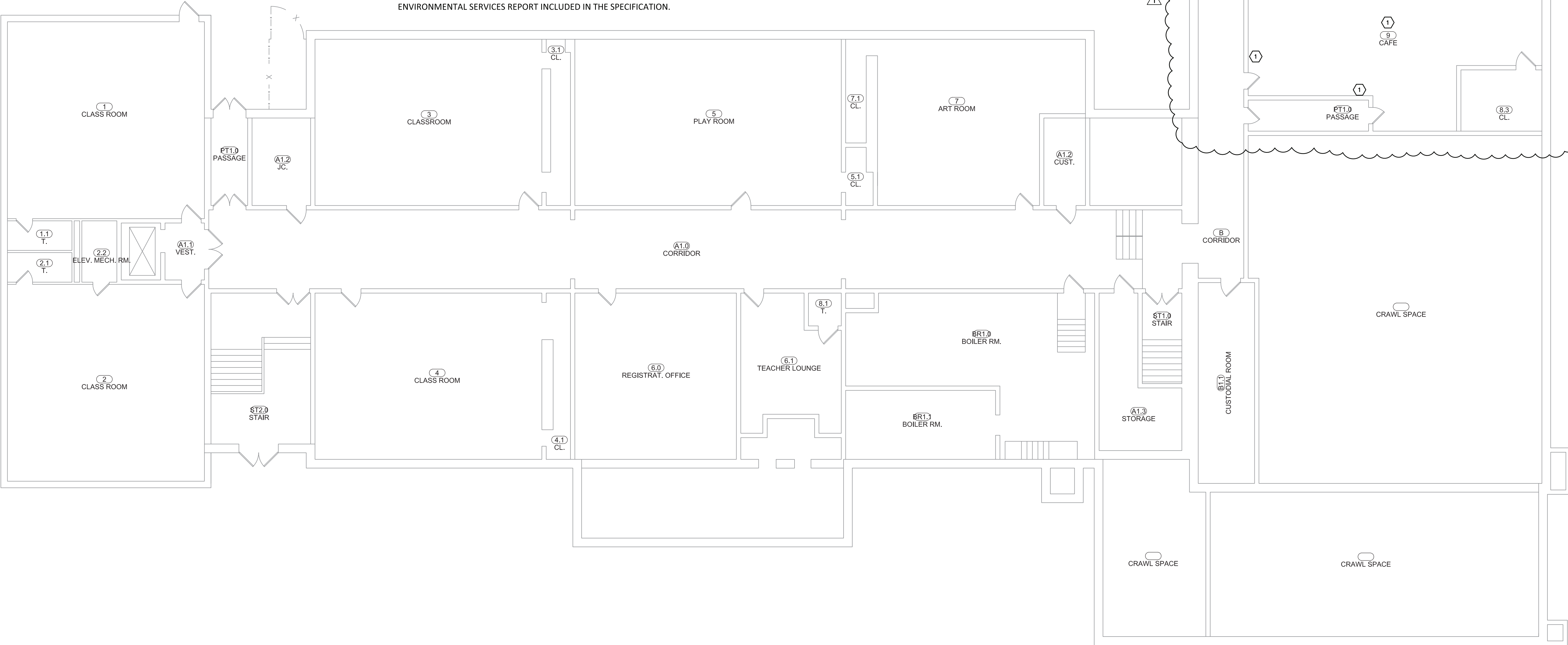


DESCRIPTION
HVAC Details and Diagrams

O-M.601.00

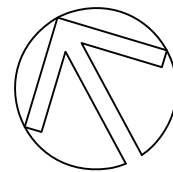
GENERAL REMOVAL NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE COMPLETION OF ALL PORTIONS OF THE SCOPE OF WORK WITHIN THE SPECIFIED CONSTRUCTION SCHEDULE AND AS DEFINED IN THE CONTRACT DOCUMENTS.
2. ALL ASBESTOS ABATEMENT SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, LOCAL REGULATIONS, AND THE TERMS OF THE CONTRACT. ALL ABATEMENT ACTIVITY WITHIN THE BUILDING SHALL BE PERFORMED INSIDE A CONTAINED WORK AREA THAT MEETS THE REQUIREMENTS OF OSHA 1926.1101, THE ASBESTOS HAZARD EMERGENCY RESPONSE ACT AND NEW YORK STATE DEPARTMENT OF LABOR CODE RULE 56.
3. ALL ABATEMENT ACTIVITY ON THE EXTERIOR OF THE BUILDING SHALL BE PERFORMED WITHIN THE REQUIREMENTS OF OSHA 1926.1101, THE ASBESTOS HAZARD EMERGENCY RESPONSE ACT AND NEW YORK STATE DEPARTMENT OF LABOR CODE RULE 56. ALL EXTERIOR ABATEMENT ACTIVITY THAT DISTURBS FRIABLE ASBESTOS MATERIALS OR RESULTS IN NON-FRIABLE ASBESTOS MATERIALS BEING MADE FRIABLE SHALL BE PERFORMED UNDER NEGATIVE PRESSURE WITHIN AN ISOLATED WORK AREA.
4. THE HAZARDOUS MATERIALS DRAWINGS ASSOCIATED WITH THIS PROJECT WERE PRODUCED FROM AVAILABLE FLOOR PLANS. ACCORDINGLY, VARIATIONS WITHIN THE DEMARCATED WORK AREAS ARE EXPECTED AND SHALL HAVE NO IMPACT ON THE CONTRACT PRICE OR SCHEDULE.
5. THE HAZARDOUS MATERIALS DRAWINGS DO NOT SHOW EXISTING MECHANICAL, ELECTRICAL, PLUMBING, COMMUNICATION, SECURITY SYSTEMS OR CASEWORK PRESENT WITHIN OR IN THE PROXIMITY OF THE BUILDING. REFER TO THE ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL REMOVAL AND NEW WORK DRAWINGS FOR COORDINATION. ALL LOW VOLTAGE WIRING, INCLUDING BUT NOT LIMITED TO, SPEAKER WIRING, ALARM SYSTEM WIRING, TELEPHONE, DATA AND/OR TELEVISION CABLES SHALL BE PROTECTED IN PLACE DURING ASBESTOS ABATEMENT ACTIVITIES. MATERIALS SPECIFIED FOR REMOVAL ARE QUANTIFIED IN THE MATERIALS SCHEDULE IN DOCUMENT 028213.
6. PLACEMENT OF PERSONAL AND WASTE DECONTAMINATION UNITS WILL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE.
7. ASBESTOS CONTAINING MATERIALS (ACM) HAVE BEEN IDENTIFIED IN THE AREAS INDICATED ON THIS DRAWING AND INCLUDE JOINT COMPOUND, PIPE INSULATION AND MUDDIED FITTING INSULATION. ASBESTOS ABATEMENT WORK SHALL BE PERFORMED AS SPECIFIED IN SECTION 028213.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF EXISTING NON-ASBESTOS MATERIALS INCLUDING, BUT NOT LIMITED TO, PIPE INSULATION, CEILING TILES AND WALL PLASTER AND/OR OTHER WALL CONSTRUCTION AS REQUIRED TO ACCESS PIPE INSULATION AND/OR MUDDIED FITTING INSULATION PRESENT WITHIN THE SCHEDULED REGULATED WORK AREAS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS, MEASUREMENTS AND QUANTITIES. REPORT ANY DISCREPANCIES TO THE CONSTRUCTION MANAGER IN WRITING.
9. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS, TIMING AND EXTENTS OF REMOVALS AND INSTALLATIONS WITH THE APPROPRIATE CONTRACTOR.
10. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ASBESTOS-CONTAINING AND ASBESTOS-CONTAMINATED MATERIALS AS INDICATED IN THE PROJECT SPECIFICATIONS AND DRAWINGS.
11. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL WALL MOUNTED ITEMS FROM DRYWALL WITH ASBESTOS CONTAINING JOINT COMPOUND INCLUDING BUT NOT LIMITED TO CLASSROOM UNIT VENTILATORS, MOLDINGS, TRIM, THERMOSTATS, WIRING, AND BACKER PLATES. ALL PATCHING OF DRYWALL SHALL BE PERFORMED BY THE ASBESTOS ABATEMENT CONTYRACTOR. INSTALL NEW UNIT VENTILATOR WALL ANCHORS, BACKER PLATES FOR TEMPERATURE SENSORS OR OTHER COMPONENTS IDENTIFIED FOR INSTALLATION ON OR IN DRYWALL AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
12. THE ASBESTOS ABATEMENT CONTRACTOR IS TO NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS PRIOR TO THE START OF WORK.
13. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING THE ASSUMPTIONS AND LIMITATIONS INCLUDED IN THE ENVIRONMENTAL SERVICES REPORT INCLUDED IN THE SPECIFICATION.

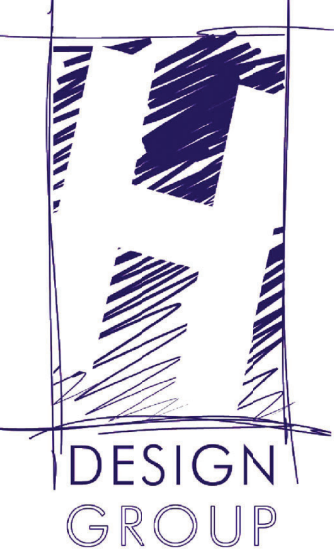


KEYED REMOVAL NOTES

- 1 EXISTING DRYWALL JOINT COMPOUND CONTAINS ASBESTOS. ABATEMENT CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING OF DRYWALL AND REMOVAL OR INSTALLATION OF ANY FASTENERS, ATTACHMENTS, ETC. COORDINATE WITH THE GENERAL AND MECHANICAL CONTRACTORS.
- 2 REMOVE ASBESTOS CONTAINING PIPE AND FITTING INSULATION ABOVE THE CEILING FOR SUBSEQUENT WORK BY APPROPRIATE CONTRACTORS. COORDINATE TIMING AND EXTENTS OF WORK WITH THE APPROPRIATE CONTRACTORS.



HAMLIN



Architect:

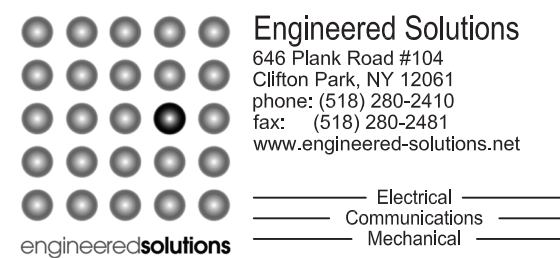
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DRAWN BY:

KJ

ISSUE: 02/01/2021

ADDENDUM NO. 1

REV: 03/05/2021

DESCRIPTION

Existing Basement Level Hazardous Materials Plan

U-H.100.00

(ALTERNATE NO. 1)



Uriah Hill School - Existing Basement Level Plan

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

GENERAL NOTES - POWER DISTRIBUTION

- A. PROVIDE (2) #10, (1) #10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.
- B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.
- C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
- D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.
- E. DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.
- F. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

GENERAL NOTES - REMOVALS

- A. THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL BRANCH CIRCUITING, LOW VOLTAGE CABLING, SUPPORTING DEVICES, RACEWAY, AND ASSOCIATED TERMINATION HARDWARE.
- B. "ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.
- C. "EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.
- D. PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.
- E. PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE.
- F. WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.
- G. THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.
- H. LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.

GENERAL NOTES - INSTALLATION

- A. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. VERIFY DEVICE LOCATIONS ABOVE MILLWORK TO ENSURE CLEARANCE ABOVE THE COUNTER-TOP AND BACKSPLASH. DEVICES THAT INTERFERE WITH NEW CASEWORK, MILLWORK OR EQUIPMENT SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE CONTRACT.
- B. WHERE DEVICES ARE SCHEDULED TO BE INSTALLED IN CASEWORK AND MILLWORK SUPPLIED BY THE GENERAL CONTRACTOR, OBTAIN A SHOP DRAWING FROM THE GENERAL CONTRACTOR PRIOR TO ROUGHING. WHERE REQUIRED, CUT OPENINGS IN MILLWORK OR COORDINATE OPENINGS WITH THE GENERAL CONTRACTOR.
- C. COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.
- D. INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.
- E. FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.
- F. PROVIDE OPEN TOP CABLE HANGERS 4" ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR BACKBONE CABLING, HORIZONTAL CABLING, PUBLIC ADDRESS & SECURITY CABLING, AND FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.
- G. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.
- H. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.
- I. PROVIDE HORIZONTAL AND VERTICAL RACEWAY AS REQUIRED TO TRANSITION FROM UNIT VENTILATORS TO ACCESSIBLE CEILINGS. CONTRACTOR IS TO ASSUME VERTICAL RISE IS IN THE FURTHEST CORNER AWAY FROM EQUIPMENT CONNECTION POINT AS INDICATED IN PLANS. REFER TO PLANS FOR CEILING TYPES.

POWER

Ⓢ

DUPLEX RECEPTACLE

Ⓜ

MOTOR CONNECTION

Ⓛ

NON-FUSED DISCONNECT

—

EXISTING FLUSH MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD

↑

PNL INDICATES HOMERUN TO PANEL

↑

CKT# PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4" UNLESS OTHERWISE NOTED

GENERAL

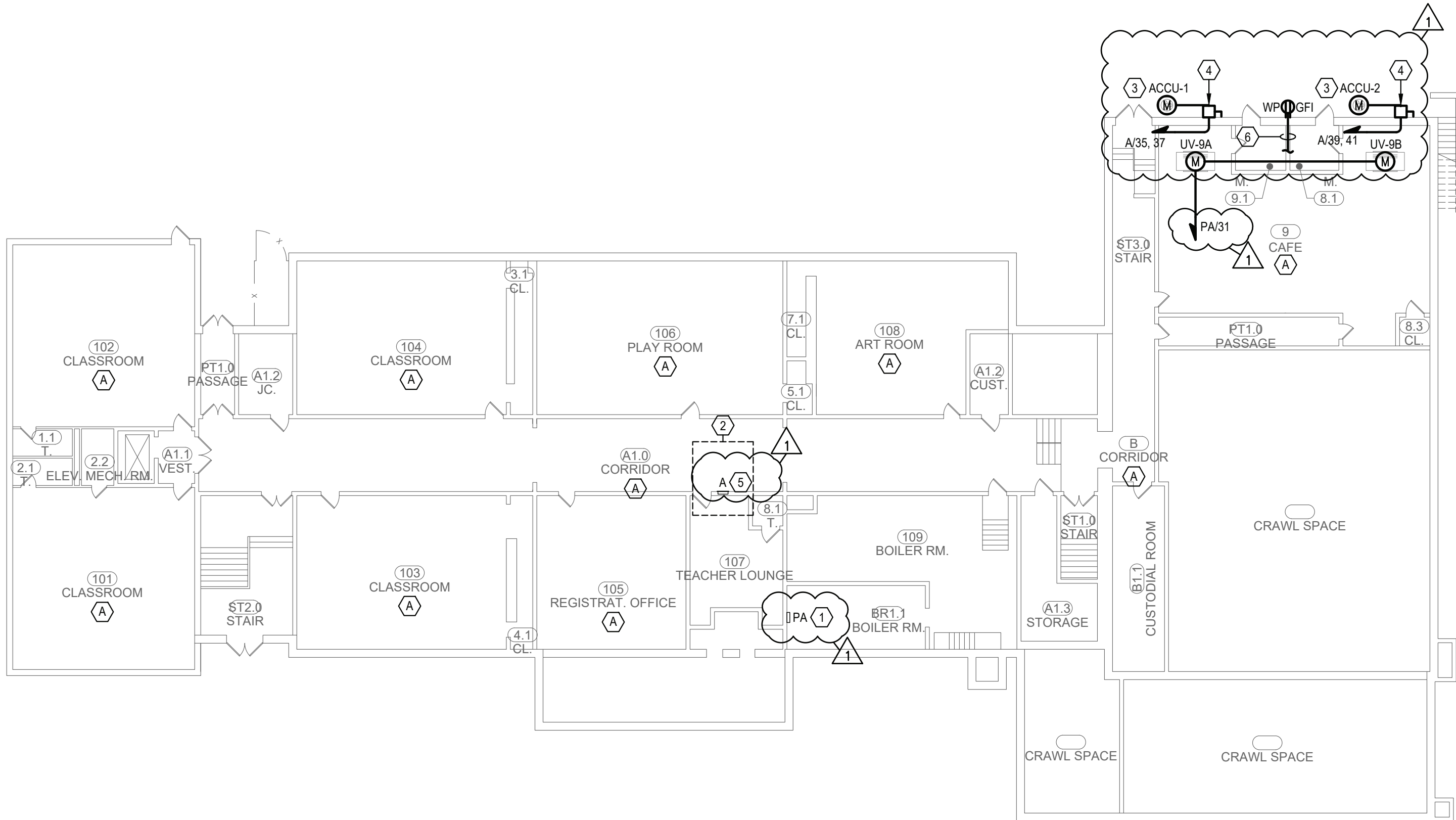
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INSTALLATION NOTE

OFFSET FOR CLARITY

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AF	ABOVE FINISHES
AFG	ABOVE FINISHED FLOOR
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCML	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTIMODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPP	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PC	PLUMBING CONTRACTOR
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
PH	PHASE
P	POLE
PL	PILOT LIGHT
PM	PLUGMOLD
PP	POWER PANEL
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
RTU	ROOF TOP UNIT
SM	SINGLE MODE FIBER
SS	SURGE SUPPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WM	WIREMOLD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED



DRAWING NOTES:

- PROVIDE (1)-20A, 1-POLE BRANCH CIRCUIT BREAKER CUTLER HAMMER "PRL" SERIES.
- PANELBOARD LOCATED ON THE FIRST FLOOR.
- PROVIDE 208V, 1-PHASE BRANCH CIRCUIT CONNECTION TO CONDENSING UNIT.
- PROVIDE 300V, 30A, 3-POLE NEMA 3R DISCONNECT SWITCH.
- PROVIDE (2)-30A, 1-POLE (ACCU-1 AND ACCU-2) BRANCH CIRCUIT BREAKER(S) CUTLER HAMMER "PRL" SERIES.
- CONNECT TO NEAREST 120V UN-SWITCHED SOURCE.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
(A)	ACCESSIBLE CEILING
(B)	INACCESSIBLE CEILING
(C)	EXPOSED STRUCTURE



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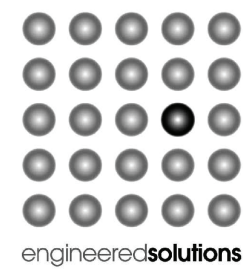
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Comprehensive Building Science solutions
NYS/NES Certified WBE
E SBA EDW058 B DBE

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Electrical

Communications

Mechanical

ES # 19071

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Peekskill, NY 10566

Peekskill Reconstruction

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DRAWN BY:

SDK

ISSUE: 02/01/2021



ADDENDUM NO. 1

REV: 03/05/2021

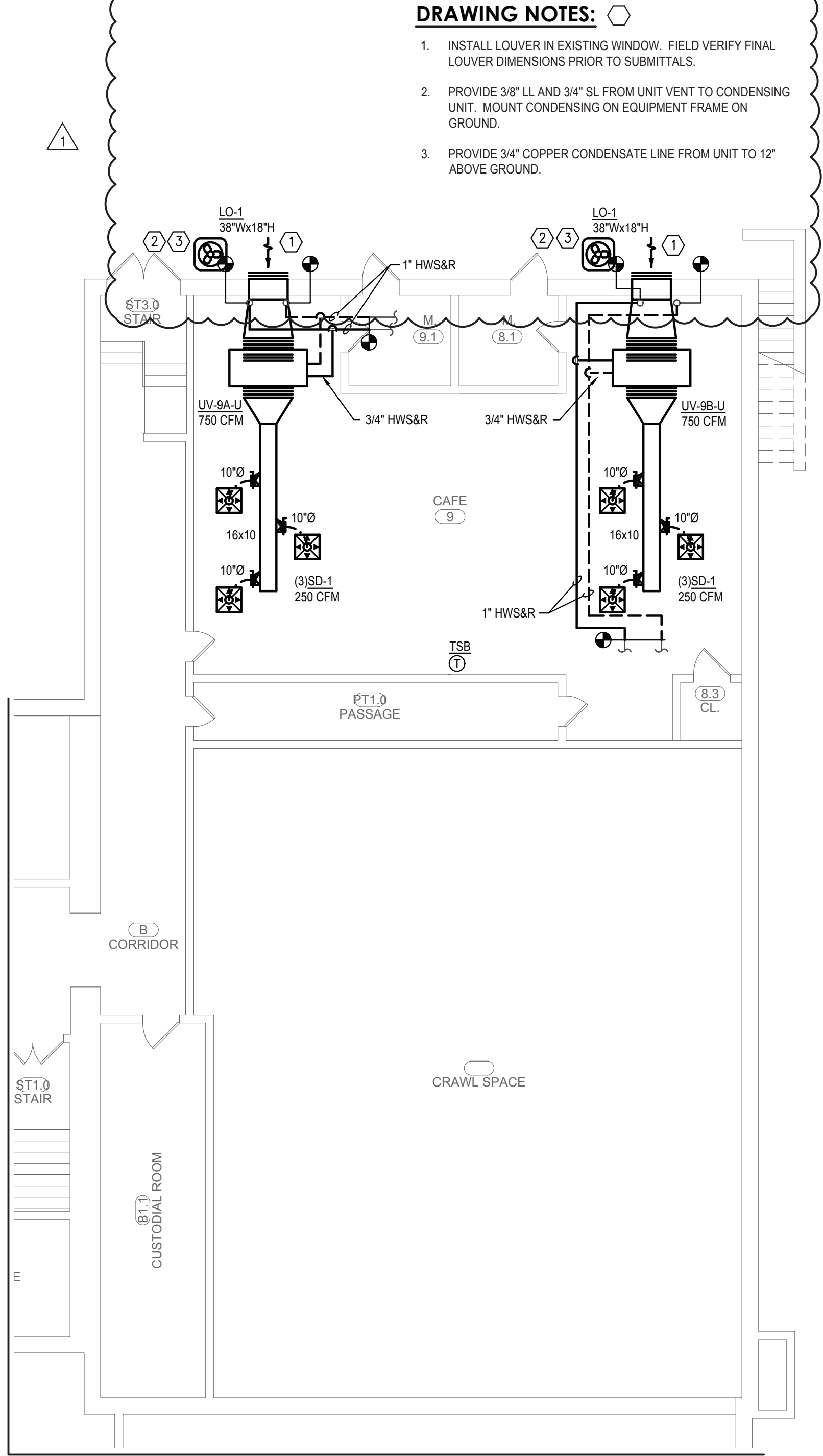
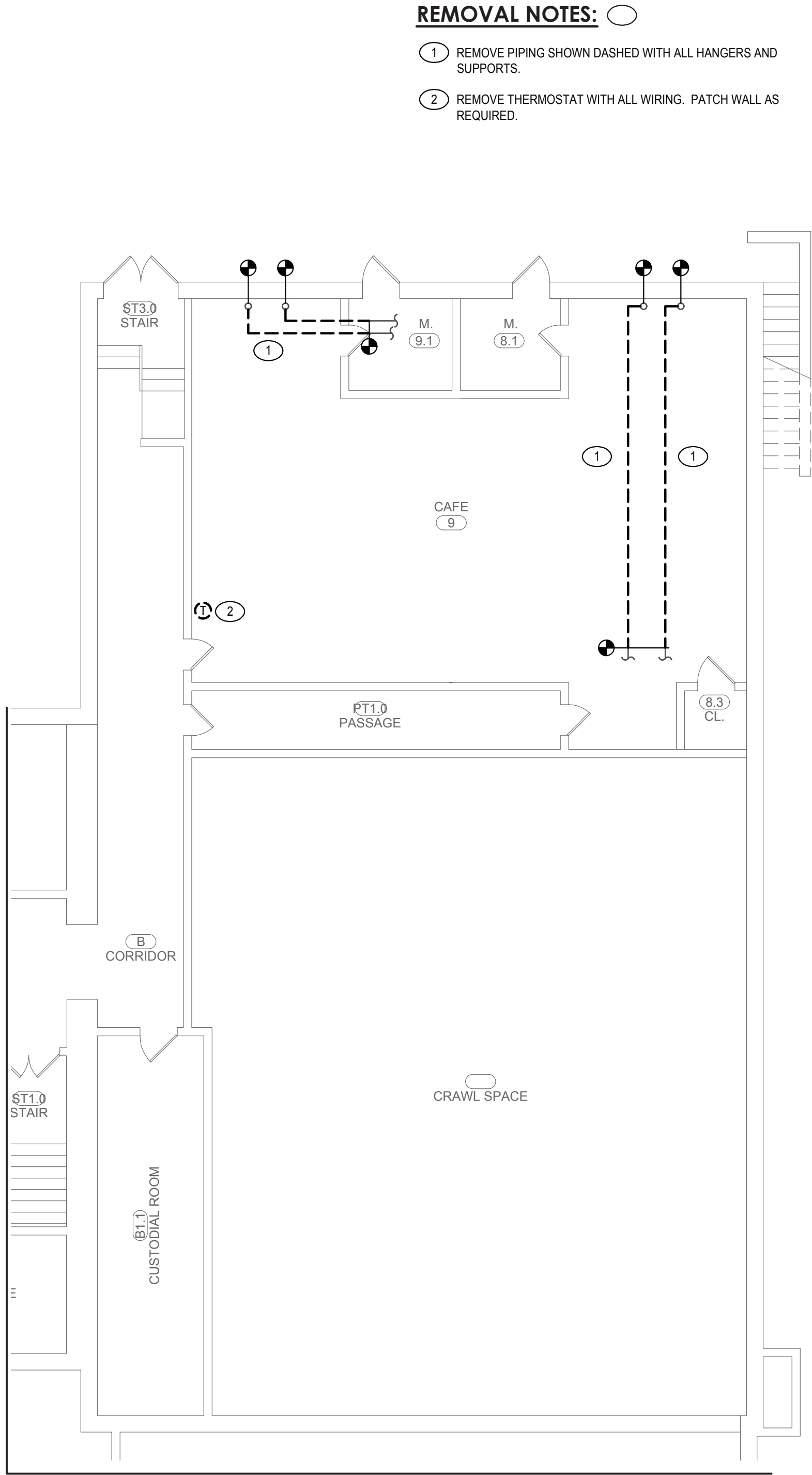
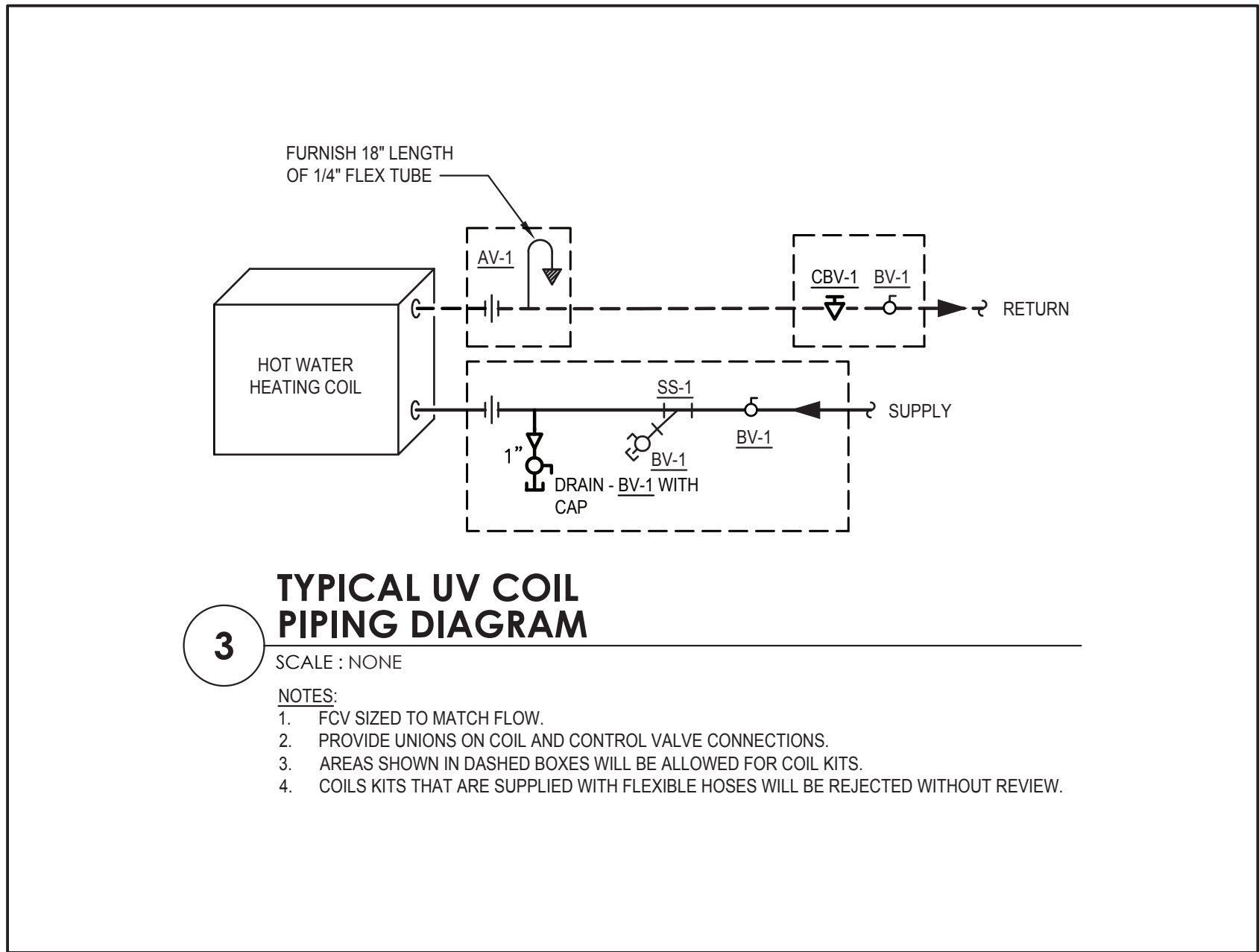


DESCRIPTION

Legend, General Notes and Basement Power Plan

U-E.001.00

(ALTERNATE NO. 1)



UNIT VENTILATOR SCHEDULE																									
TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			HYDRONIC PERFORMANCE										ELECTRICAL DATA				MANUFACTURER & MODEL NO.	NOTES				
			FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)	E.W.T. (°F)	L.W.T. (°F)	FLOW RATE (GPM)	W.P.D. (FT.)	FLUID	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE			REFRIGERANT	HP	VOLT	PHASE
UV-9A-U	CAFE	HORIZONTAL	MED	750	500	58	22	95	180	101.9	1.5	3.5	WATER	4	33	22	80/67	56/55	DX	R-410A	1/4	115	1	DAIKIN - UAHF6H10	1,2,3
UV-9B-U	CAFE	HORIZONTAL	MED	750	500	58	22	95	180	101.9	1.5	3.5	WATER	4	33	22	80/67	56/55	DX	R-410A	1/4	115	1	DAIKIN - UAHF6H10	1,2,3

NOTE:

1. PROVIDE MANUFACTURERS DISCONNECT.
2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH.
3. PROVIDE FACE AND BYPASS.

DIFFUSER, REGISTERS, AND GRILLES											
TAG	MAX CFM	BLOW PATTERN	FACE SIZE	NECK SIZE	VELOCITY (FPM.)	THROW (FT.)	PD	SOUND LEVEL	MATERIAL	MANUFACTURER & MODEL NO.	NOTES
SD-1	330	4-WAY	24x24	10"Ø	600	5	.047	16	STEEL	NAILOR RNS	1,4,5



AIR COOLED CONDENSING UNITS															
TAG	SERVICE	COOLING CAPACITY (MBH)	COOLING (TONS)	RAWAL	SEER/EER	QTY. REFRIGERATION CIRCUITS	COND. FAN NO./HP EACH	REFRIGERANT	ELEC DATA			DIMENSION (W) L x W x H	WEIGHT LBS	MANUFACTURER & MODEL #	NOTES
									VOLT	PHASE	MCA				
ACCU-1	UV-9A-U	34	3	Y	14/12	1	1	R-410A	208	1	18.6	29X29X32	169	DAIKIN DX14SA0371	1,2,3,4,5
ACCU-2	UV-9B-U	34	3	Y	14/12	1	1	R-410A	208	1	18.6	29X29X32	169	DAIKIN DX14SA0371	1,2,3,4,5

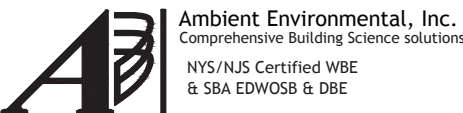
NOTE:

1. EC TO PROVIDE ELECTRICAL DISCONNECT.
2. PROVIDE RAWAL DEVICE.
3. UNIT TO COME WITH COMPRESSORS WIRED TO TERMINAL STRIP. ALL POWER CONNECTIONS BY EC.
4. EC TO PROVIDE POWER FOR FIELD OUTLET.
5. PROVIDE REFRIGERANT LINE SETS.



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Hazardous Material Consultant:



MEP Engineer:



Client:



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DRAWN BY:

MLB

ISSUE: 02/01/2021

ADDENDUM NO. 1

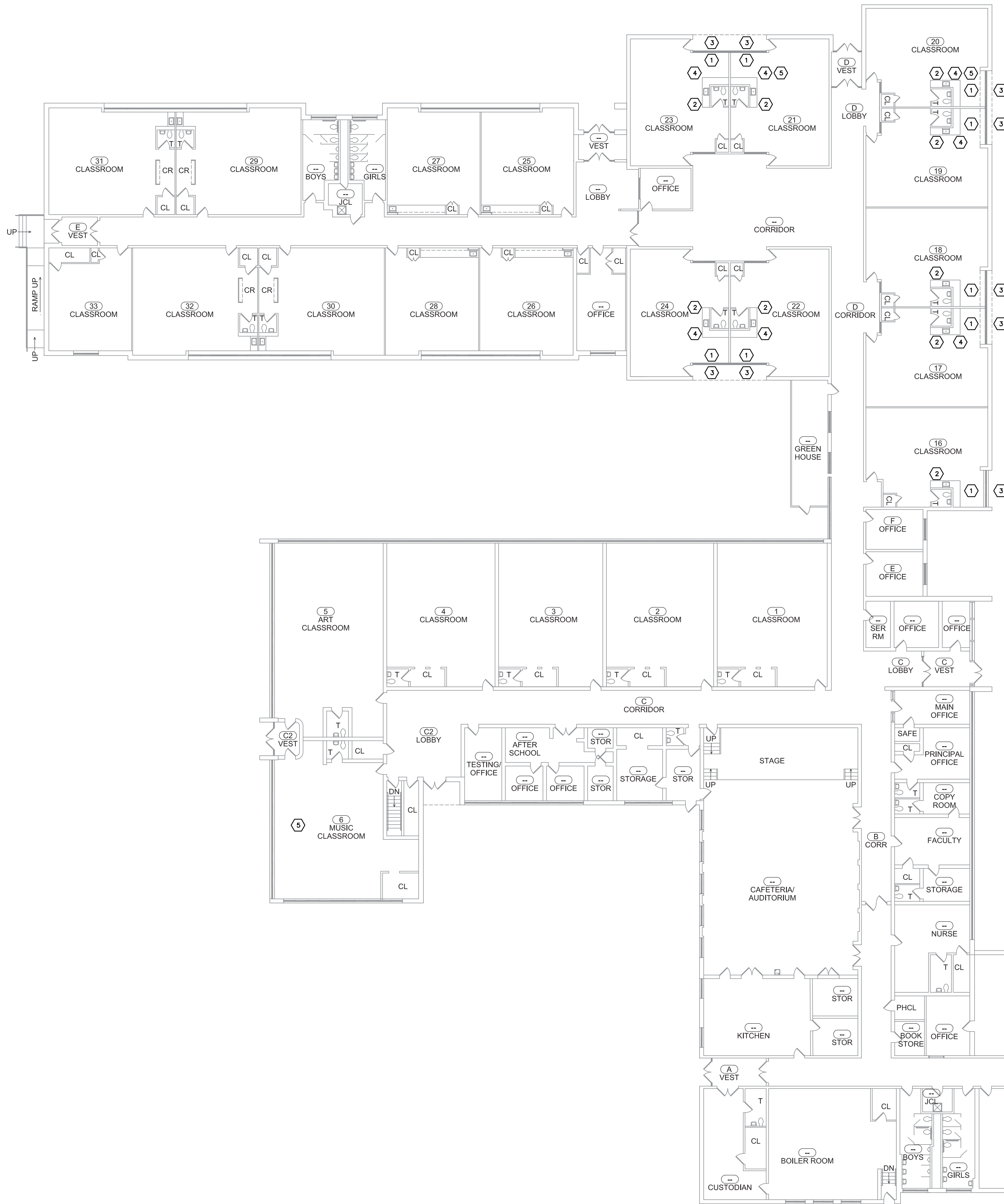
REV: 03/05/2021



DESCRIPTION
Basement Removal and HVAC Plan

U-M.301.00

(ALTERNATE NO. 1)



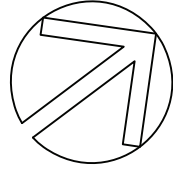
1 Woodside Elementary - Partial Existing First Floor Plan
SCALE: 1/16" = 1'-0"

GENERAL REMOVAL NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE COMPLETION OF ALL PORTIONS OF THE SCOPE OF WORK WITHIN THE SPECIFIED CONSTRUCTION SCHEDULE AND AS DEFINED IN THE CONTRACT DOCUMENTS.
2. ALL ASBESTOS ABATEMENT SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, LOCAL REGULATIONS, AND THE TERMS OF THE CONTRACT. ALL ABATEMENT ACTIVITY WITHIN THE BUILDING SHALL BE PERFORMED INSIDE A CONTAINED WORK AREA THAT MEETS THE REQUIREMENTS OF OSHA 1926.1101, THE ASBESTOS HAZARD EMERGENCY RESPONSE ACT AND NEW YORK STATE DEPARTMENT OF LABOR CODE RULE 56.
3. ALL ABATEMENT ACTIVITY ON THE EXTERIOR OF THE BUILDING SHALL BE PERFORMED WITHIN THE REQUIREMENTS OF OSHA 1926.1101, THE ASBESTOS HAZARD EMERGENCY RESPONSE ACT AND NEW YORK STATE DEPARTMENT OF LABOR CODE RULE 56. ALL EXTERIOR ABATEMENT ACTIVITY THAT DISTURBS FRIABLE ASBESTOS MATERIALS OR RESULTS IN NON-FRIABLE ASBESTOS MATERIALS BEING MADE FRIABLE SHALL BE PERFORMED UNDER NEGATIVE PRESSURE WITHIN AN ISOLATED WORK AREA.
4. THE HAZARDOUS MATERIALS DRAWINGS ASSOCIATED WITH THIS PROJECT WERE PRODUCED FROM AVAILABLE FLOOR PLANS. ACCORDINGLY, VARIATIONS WITHIN THE DEMARCATED WORK AREAS ARE EXPECTED AND SHALL HAVE NO IMPACT ON THE CONTRACT PRICE OR SCHEDULE.
5. THE HAZARDOUS MATERIALS DRAWINGS DO NOT SHOW EXISTING MECHANICAL, ELECTRICAL, PLUMBING, COMMUNICATION, SECURITY SYSTEMS OR CASEWORK PRESENT WITHIN OR IN THE PROXIMITY OF THE BUILDING. REFER TO THE ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL REMOVAL AND NEW WORK DRAWINGS FOR COORDINATION. ALL LOW VOLTAGE WIRING, INCLUDING BUT NOT LIMITED TO, SPEAKER WIRING, ALARM SYSTEM WIRING, TELEPHONE, DATA AND/OR TELEVISION CABLES SHALL BE PROTECTED IN PLACE DURING ASBESTOS ABATEMENT ACTIVITIES. MATERIALS SPECIFIED FOR REMOVAL ARE QUANTIFIED IN THE MATERIALS SCHEDULE IN DOCUMENT 028213.
6. PLACEMENT OF PERSONAL AND WASTE DECONTAMINATION UNITS WILL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE.
7. ASBESTOS CONTAINING MATERIALS (ACM) HAVE BEEN IDENTIFIED IN THE AREAS INDICATED ON DRAWINGS W-H.101.00 AND W-H.102.00 AND INCLUDE JOINT COMPOUND, EXTERIOR WINDOW/LOUVER CAULK, PIPE INSULATION AND MUDDIED FITTING INSULATION AND FLOOR TILE MASTICS. ASBESTOS ABATEMENT WORK SHALL BE PERFORMED AS SPECIFIED IN SECTION 028213.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF EXISTING NON-ASBESTOS MATERIALS INCLUDING, BUT NOT LIMITED TO, PIPE INSULATION, CEILING TILES AND WALL PLASTER AND/OR OTHER WALL CONSTRUCTION AS REQUIRED TO ACCESS PIPE INSULATION AND/OR MUDDIED FITTING INSULATION PRESENT WITHIN THE SCHEDULED REGULATED WORK AREAS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS, MEASUREMENTS AND QUANTITIES. REPORT ANY DISCREPANCIES TO THE CONSTRUCTION MANAGER IN WRITING.
9. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS, TIMING AND EXTENTS OF REMOVALS AND INSTALLATIONS WITH THE APPROPRIATE CONTRACTOR.
10. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ASBESTOS-CONTAINING AND ASBESTOS-CONTAMINATED MATERIALS AS INDICATED IN THE PROJECT SPECIFICATIONS AND DRAWINGS.
11. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL WALL MOUNTED ITEMS FROM DRYWALL WITH ASBESTOS CONTAINING JOINT COMPOUND INCLUDING BUT NOT LIMITED TO CLASSROOM UNIT VENTILATORS, MOLDINGS, TRIM, THERMOSTATS, WIRING, AND BACKER PLATES. ALL PATCHING OF DRYWALL SHALL BE PERFORMED BY THE ASBESTOS ABATEMENT CONTYRACTOR. INSTALL NEW UNIT VENTILATOR WALL ANCHORS, BACKER PLATES FOR TEMPERATURE SENSORS OR OTHER COMPONENTS IDENTIFIED FOR INSTALLATION ON OR IN DRYWALL AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
12. THE ASBESTOS ABATEMENT CONTRACTOR IS TO NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS PRIOR TO THE START OF WORK.
13. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING THE ASSUMPTIONS AND LIMITATIONS INCLUDED IN THE ENVIRONMENTAL SERVICES REPORT INCLUDED IN THE SPECIFICATION.

KEYED REMOVAL NOTES

- 1 EXISTING UNIT VENTILATOR TO BE REMOVED AND REPLACED. THE EXISTING DRYWALL JOINT COMPOUND CONTAINS ASBESTOS. THE ABATEMENT CONTRACTOR SHALL REMOVE ALL ATTACHMENTS TO THE DRYWALL INCLUDING BUT NOT LIMITED TO UNIT VENTILATOR ANCHORS, MOLDINGS AND TRIM PIECES AND PATCH THE WALL. ABATEMENT CONTRACTOR SHALL INSTALL ALL NEW ATTACHMENTS TO DRYWALL. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- 2 EXISTING THERMOSTAT AND WIRING TO BE REMOVED AND REPLACED. THE EXISTING DRYWALL JOINT COMPOUND CONTAINS ASBESTOS. THE ABATEMENT CONTRACTOR SHALL REMOVE THE THERMOSTAT AND BACKER PLATE AND PATCH THE WALL. ABATEMENT CONTRACTOR SHALL INSTALL NEW BACKER PLATE AND PROVIDE ANY NECESSARY PENETRATIONS IN THE DRYWALL. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- 3 THE EXISTING WINDOW/LOUVER CAULK CONTAINS ASBESTOS. WHERE THE LOUVERS ARE SHOWN TO BE REMOVED AND REPLACED ON THE MECHANICAL DRAWINGS, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL CAULK AND CLEAN AND DISPOSE OF THE LOUVERS IN ACCORDANCE WITH SPECIFICATION SECTIONS 028213 AND 028433.
- 4 ASBESTOS CONTAINING PIPE AND FITTING INSULATION IS PRESENT ABOVE THE CEILING. IT IS NOT ANTICIPATED THAT REMOVAL OF THE INSULATION IS NECESSARY FOR THE REPLACEMENT OF THE UNIT VENTILATORS. CONTRACTORS MUST BE AWARE OF ITS PRESENCE AND USE CAUTION WHEN REMOVING CEILING TILES AND WORKING ABOVE THE CEILING.
- 5 ASBESTOS CONTAINING FLOOR TILE MASTIC IS PRESENT IN THIS ROOM. ABATEMENT CONTRACTOR SHALL REMOVE 12X12 FLOOR TILE AND MASTIC AROUND AND UNDER THE UNIT VENTILATOR TO ALLOW FOR THE REPLACEMENT OF THE UNIT VENTILATOR. COORDINATE ALL WORK WITH THE APPROPRIATE CONTRACTORS.

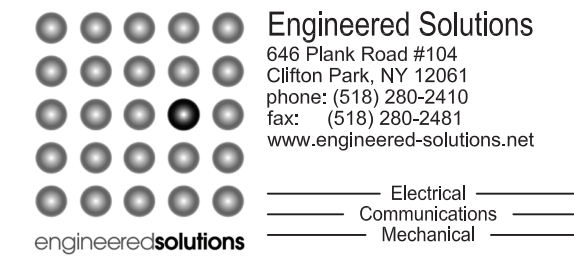


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DRAWN BY:

KJ

ISSUE: 02/01/2021

ADDENDUM NO. 1
REV: 03/05/2021

DESCRIPTION
Existing First Floor Hazardous Materials Plan

W-H.101.00

WOODSIDE KEY
PLAN

GENERAL REMOVAL NOTES

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9. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS, TIMING AND EXTENTS OF REMOVALS AND INSTALLATIONS WITH THE APPROPRIATE CONTRACTOR.
10. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ASBESTOS-CONTAINING AND ASBESTOS-CONTAMINATED MATERIALS AS INDICATED IN THE PROJECT SPECIFICATIONS AND DRAWINGS.
11. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL WALL MOUNTED ITEMS FROM DRYWALL WITH ASBESTOS CONTAINING JOINT COMPOUND INCLUDING BUT NOT LIMITED TO CLASSROOM UNIT VENTILATORS, MOLDINGS, TRIM, THERMOSTATS, WIRING, AND BACKER PLATES. ALL PATCHING OF DRYWALL SHALL BE PERFORMED BY THE ASBESTOS ABATEMENT CONTYRACTOR. INSTALL NEW UNIT VENTILATOR WALL ANCHORS, BACKER PLATES FOR TEMPERATURE SENSORS OR OTHER COMPONENTS IDENTIFIED FOR INSTALLATION ON OR IN DRYWALL AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
12. THE ASBESTOS ABATEMENT CONTRACTOR IS TO NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS PRIOR TO THE START OF WORK.
13. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING THE ASSUMPTIONS AND LIMITATIONS INCLUDED IN THE ENVIRONMENTAL SERVICES REPORT INCLUDED IN THE SPECIFICATION.

KEYED REMOVAL NOTES

- 1

EXISTING UNIT VENTILATOR TO BE REMOVED AND REPLACED. THE EXISTING DRYWALL JOINT COMPOUND CONTAINS ASBESTOS. THE ABATEMENT CONTRACTOR SHALL REMOVE ALL ATTACHMENTS TO THE DRYWALL INCLUDING BUT NOT LIMITED TO UNIT VENTILATOR ANCHORS, MOLDINGS AND TRIM PIECES AND PATCH THE WALL. ABATEMENT CONTRACTOR SHALL INSTALL ALL NEW ATTACHMENTS TO DRYWALL. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- 2

EXISTING THERMOSTAT AND WIRING TO BE REMOVED AND REPLACED. THE EXISTING DRYWALL JOINT COMPOUND CONTAINS ASBESTOS. THE ABATEMENT CONTRACTOR SHALL REMOVE THE THERMOSTAT AND BACKER PLATE AND PATCH THE WALL. ABATEMENT CONTRACTOR SHALL INSTALL NEW BACKER PLATE AND PROVIDE ANY NECESSARY PENETRATIONS IN THE DRYWALL. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- 3

THE EXISTING WINDOW/LOUVER CAULK CONTAINS ASBESTOS. WHERE THE LOUVERS ARE SHOWN TO BE REMOVED AND REPLACED ON THE MECHANICAL DRAWINGS, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL CAULK AND CLEAN AND DISPOSE OF THE LOUVERS IN ACCORDANCE WITH SPECIFICATION SECTIONS 028213 AND 028433.
- 4

ASBESTOS CONTAINING PIPE AND FITTING INSULATION IS PRESENT ABOVE THE CEILING. IT IS NOT ANTICIPATED THAT REMOVAL OF THE INSULATION IS NECESSARY FOR THE REPLACEMENT OF THE UNIT VENTILATORS. CONTRACTORS MUST BE AWARE OF ITS PRESENCE AND USE CAUTION WHEN REMOVING CEILING TILES AND WORKING ABOVE THE CEILING.
- 5

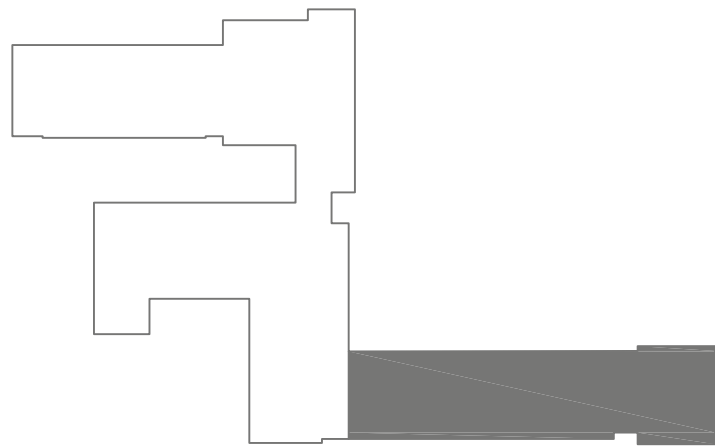
ASBESTOS CONTAINING FLOOR TILE MASTIC IS PRESENT IN THIS ROOM. ABATEMENT CONTRACTOR SHALL REMOVE 12X12 FLOOR TILE AND MASTIC AROUND AND UNDER THE UNIT VENTILATOR TO ALLOW FOR THE REPLACEMENT OF THE UNIT VENTILATOR. COORDINATE ALL WORK WITH THE APPROPRIATE CONTRACTORS.
- 6

THE BUILT-UP ROOFING IS ASSUMED TO CONTAIN ASBESTOS. THE ABATEMENT CONTRACTOR SHALL REMOVE THE BUILT-UP ROOFING SYSTEM AS REQUIRED FOR THE INSTALLATION OF NEW EXHAUST FAN SHOWN ON DRAWING W-M.405.00. ALL MATERIALS SHALL BE REMOVED DOWN TO ROOF DECK. ALL NEW PENETRATIONS THROUGH THE EXISTING ROOF DECK SHALL BE MADE BY THE ABATEMENT CONTRACTOR. ALL FASTENERS INTO THE EXISTING ROOF DECK FOR WORK BY OTHER TRADES SHALL BE MADE BY THE ABATEMENT CONTRACTOR. STABILIZE EXISTING ROOFING FOR PATCHING BY ROOFING SUBCONTRACTOR. COORDINATE ALL WORK WITH THE APPROPRIATE CONTRACTORS.

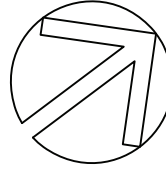


Woodside Elementary - Partial Existing First Floor Plan

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



WOODSIDE KEY PLAN

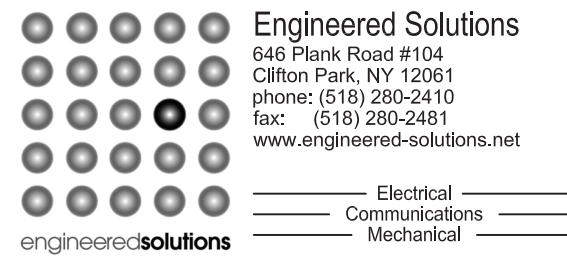


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Peekskill Reconstruction

SED Project: 66-15-00-01-0-005-020
HDG Project: 201

Oaksdale Elementary

1072 Elm St.,
Peekskill, NY 10566

SED Project: 66-15-00-01-0-007-014
HDG Project: 202

Uriah Hill School

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SED Project: 66-15-00-01-0-008-017
HDG Project: 203

Woodside Elementary

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Peekskill, NY 10566

SED Project: 66-15-00-01-0-014-005
HDG Project: 204

Middle School

212 Ringgold St.,
Peekskill, NY 10566

DRAWN BY:

KJ

ISSUE: 02/01/2021

ADDENDUM NO. 1
REV: 03/05/2021

DESCRIPTION

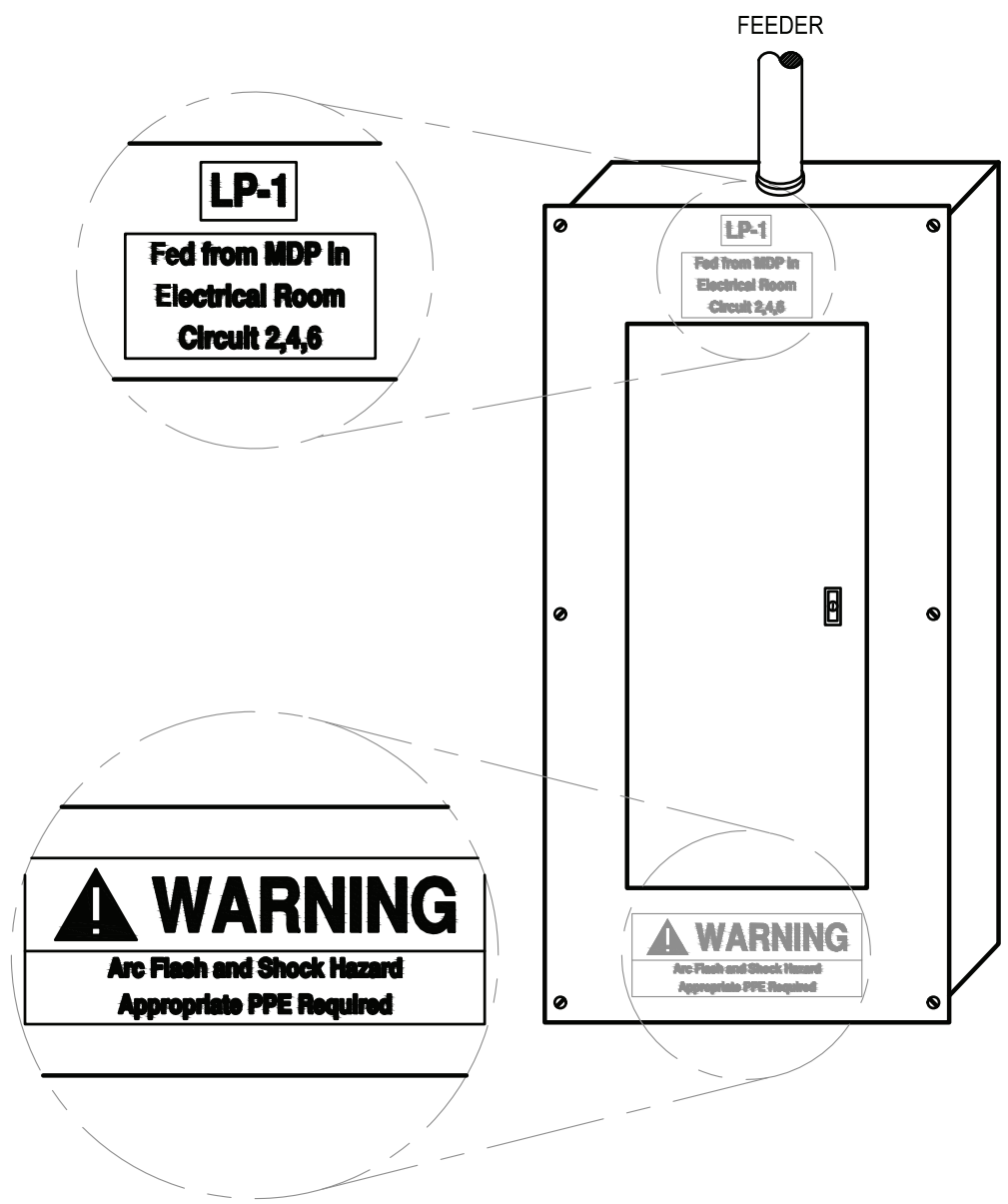
Existing First Floor Hazardous Materials Plan

W-H.102.00

GENERAL NOTES - POWER DISTRIBUTION
A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.
B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.
C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.
E. DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.
F. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

NOTES

- A. PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE WHERE THE POWER SUPPLY ORIGINATES PER NEC SECTION 408.4(B).
- B. PROVIDE FLASH PROTECTION LABEL PER NEC SECTION 110.16.
- C. REFER TO ELECTRICAL IDENTIFICATION SECTION 260195 FOR ADDITIONAL INFORMATION.
- D. PROVIDE IDENTIFICATION FOR ALL PANELBOARD INSTALLATIONS.



1 Panelboard Identification Detail
Q-E.001.00 SCALE: NTS

GENERAL NOTES - REMOVALS
A. THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL BRANCH CIRCUITING, LOW VOLTAGE CABLING, SUPPORTING DEVICES, RACEWAY, AND ASSOCIATED TERMINATION HARDWARE.
B. "ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.
C. "EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.
D. PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.
E. PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE.
F. WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.
G. THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.
H. LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.

GENERAL NOTES - INSTALLATION

- A. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. VERIFY DEVICE LOCATIONS ABOVE MILLWORK TO ENSURE CLEARANCE ABOVE THE COUNTER-TOP AND BACKSPLASH. DEVICES THAT INTERFERE WITH NEW CASEWORK, MILLWORK OR EQUIPMENT SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE CONTRACT.
- B. WHERE DEVICES ARE SCHEDULED TO BE INSTALLED IN CASEWORK AND MILLWORK SUPPLIED BY THE GENERAL CONTRACTOR, OBTAIN A SHOP DRAWING FROM THE GENERAL CONTRACTOR PRIOR TO ROUGHING. WHERE REQUIRED, CUT OPENINGS IN MILLWORK OR COORDINATE OPENINGS WITH THE GENERAL CONTRACTOR.
- C. COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.
- D. INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.
- E. FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.
- F. PROVIDE OPEN TOP CABLE HANGERS 4" ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR BACKBONE CABLING, HORIZONTAL CABLING, PUBLIC ADDRESS & SECURITY CABLING, AND FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.
- G. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.
- H. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.
- I. PROVIDE HORIZONTAL AND VERTICAL RACEWAY AS REQUIRED TO TRANSITION FROM UNIT VENTILATORS TO ACCESSIBLE CEILINGS. CONTRACTOR IS TO ASSUME VERTICAL RISE IS IN THE FURTHEST CORNER AWAY FROM EQUIPMENT CONNECTION POINT AS INDICATED IN PLANS. REFER TO PLANS FOR CEILING TYPES.

POWER
MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
NON-FUSED DISCONNECT NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
FUSED DISCONNECT
ENCLOSED CIRCUIT BREAKER
EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
INDICATES HOMERUN TO PANEL PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4" UNLESS OTHERWISE NOTED

GENERAL
REMOVAL NOTE
INSTALLATION NOTE
OFFSET FOR CLARITY

MOUNTING HEIGHTS
UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.
COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. WHERE STRUCTURAL OR OTHER INTERFERENCE'S PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.
TOGGLE SWITCHES 46"
RECEPTACLE OUTLETS 18"
RECEPTACLE OUTLETS ABOVE HOT WATER OR STEAM BASEBOARD HEATERS 30"
RECEPTACLE OUTLETS, HAZARDOUS LOCATIONS 48"
RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE 24"
CLOCKS, CLOCK 90"
BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX 72"
DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS 48"

ABBREVIATIONS
A AMPERE
AC ABOVE COUNTER
AFB ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AFCI ARC FAULT CIRCUIT INTERRUPTER
AIC AMPERES INTERRUPTING CAPACITY
AL ALUMINUM
ASYM ASYMMETRICAL
ATS AUTOMATIC TRANSFER SWITCH
AUX AUXILIARY CONTACTS
AWG AMERICAN WIRE GAUGE
BD BUS DUCT
BR BRANCH
C CONDUIT
CB CIRCUIT BREAKER
CD CANDELA
CH CABINET HEATER
CHT CIRCUIT
CT CURRENT TRANSFORMER
CU COPPER
CATV CABLE TELEVISION
CCTV CLOSED CIRCUIT TELEVISION
CLG CEILING
CONT CONTACTOR
CP CONTROL PANEL
DC DIRECT CURRENT
Δ DELTA CONNECTED
DISC DISCONNECT
DP DRINKING FOUNTAIN
DPST DOUBLE POLE, SINGLE THROW
DPDT DOUBLE POLE, DOUBLE THROW
EBB ELECTRIC BASEBOARD
EC ELECTRICAL CONTRACTOR
EG EQUIPMENT GROUND
EGC EQUIPMENT GROUND CONDUCTOR
EM EMERGENCY
EP EXPLOSION PROOF
EPR ETHYLENE PROPYLENE RUBBER
EQUIP EQUIPMENT
EXR EXISTING TO REMAIN
ERL EXISTING TO BE RELOCATED
EXIST EXISTING
EXP EXPLOSION PROOF
ELECT ELECTRIC
EMT ELECTRIC METALLIC TUBING
FA FIRE ALARM
FACP FIRE ALARM CONTROL PANEL
FARAP FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO FURNISHED BY OWNER
FC FOOTCANDLE
FCAN FULL CAPACITY ABOVE NORMAL
FCBN FULL CAPACITY BELOW NORMAL
FLA FULL LOAD AMPERES
FLUOR FLUORESCENT
FVNR FULL VOLTAGE, NON-REVERSING
FVR FULL VOLTAGE, REVERSING
G GUARD
GC GENERAL CONTRACTOR
GEN GENERATOR
GF GROUND FAULT
GFI GROUND FAULT CIRCUIT INTERRUPTER
GND GROUND
GRS GALVANIZED RIGID STEEL
H HOSPITAL GRADE
HOA HAND-OFF-AUTOMATIC
HPS HIGH PRESSURE SODIUM
HV HIGH VOLTAGE
HZ HERTZ
IC INTERCOM
IG ISOLATED GROUND
INCAD INCANDESCENT
IMC INTERMEDIATE METAL CONDUIT
JB JUNCTION BOX
KAIC THOUSAND AMPERE INTERRUPTING CAPACITY
KV KILOVOLT
KVA KILOVOLT-AMPERE
KW KILOWATT
K KILO (THOUSAND)
KCM THOUSAND CIRCULAR MILS
KCML THOUSAND CIRCULAR MILS
LTG LIGHTING
LSIG LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV LOW VOLTAGE
M MEGA (MILLION)
MATV MASTER ANTENNA TELEVISION
MFS MAIN FUSED SWITCH
MC MECHANICAL CONTRACTOR
MCC MAIN CIRCUIT BREAKER
MCC MOTOR CONTROL CENTER
MH METAL HALIDE
MLO MAIN LUGS ONLY
MM MULTI-MODE FIBER
MV MEDIUM VOLTAGE
MVA MEGAVOLT-AMPERE
NEC NATIONAL ELECTRICAL CODE
NC NORMALLY CLOSED
NO NORMALLY OPEN
NL NIGHT LIGHT
N NEUTRAL
NF NONFUSED
NIC NOT IN CONTRACT
NTS NOT TO SCALE
OCPO OVER CURRENT PROTECTION DEVICE
OH OVERHEAD
OL OVERLOAD
PB PULLBOX
PC PLUMBING CONTRACTOR
PF POWER FACTOR
PH PANEL
PT POTENTIAL TRANSFORMER
PVC POLYVINYL CHLORIDE
Ø PHASE
PH PHASE
P POLE
PL PILOT LIGHT
PLUGMOLD PLUGMOLD
PP POWER PANEL
PWR POWER
RVNR REDUCED VOLTAGE, NON-REVERSING
RM ROOM
RMS ROOT MEAN SQUARED
RTU ROOF TOP UNIT
SM SINGLE MODE FIBER
SS SURGE SUPPRESSION
SST SOLID-STATE TRIP DEVICE
ST SHUNT-TRIP
SW SWITCH
SWBD SWITCHBOARD
SYM SYMMETRICAL
T TAMPER RESISTANT
TDR TIME DELAY RELAY
TP TYPICAL
TCP TEMPERATURE CONTROL PANEL
TSTAT THERMOSTAT
TV TELEVISION
UG UNDERGROUND
UH UNIT HEATER
USB UNIVERSAL SERIAL BUS
V VOLT
VR VOLT-AMPERE
VP VAPORPROOF
W WATT
WG WIRE GUARD
WM WIREMOLD
WP WEATHERPROOF
XFMR TRANSFORMER
XLP CROSS LINKED POLYETHYLENE
EXP EXPLOSION PROOF
Y WYE CONNECTED

HAMLIN

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Peekskill Reconstruction

SED Project: 66-15-00-01-0-005-020
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DRAWN BY: ISSUE: 02/01/2021
SDK ADDENDUM NO. 1
REV: 03/05/2021



DESCRIPTION
Legend, General Notes, Schedules and Details

W-E.001.00

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE																
EQUIPMENT						SUPPLY				DISCONNECT			CONTROLS			NOTES
ITEM NO.	NAME	ROOM LOCATION	HP	KW	Ø VOLTS	PANEL OR CONTROL CENTER	CIRCUIT BREAKER	WIRING FROM PANEL TO CONTROL UNIT	WIRING FROM CONTROL UNIT TO EQUIPMENT	AMPS	FUSE SIZE	NEMA RATING	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	
1	UV-1	CLASSROOM 1	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
2	UV-2	CLASSROOM 2	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
3	UV-3	CLASSROOM 3	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
4	UV-4	CLASSROOM 4	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
5	UV-5	CLASSROOM 5	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
6	UV-6	CLASSROOM 6	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
7	UV-8	CLASSROOM 8	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
8	UV-9	CLASSROOM 9	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
9	UV-10	CLASSROOM 10	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
10	UV-11	CLASSROOM 11	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
11	UV-12	CLASSROOM 12	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
12	UV-13	CLASSROOM 13	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
13	UV-14	CLASSROOM 14	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
14	UV-15	CLASSROOM 15	-	-	3	208	LP-1	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
15	UV-16	CLASSROOM 16	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
16	UV-17	CLASSROOM 17	-	-	3	208	LP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-
17	UV-18	CLASSROOM 18	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	1
18	UV-19	CLASSROOM 19	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	1
19	UV-20	CLASSROOM 20	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	1
20	UV-21	CLASSROOM 21	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	1
21	UV-22	CLASSROOM 22	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	2
22	UV-23	CLASSROOM 23	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	2
23	UV-24	CLASSROOM 24	-	-	3	208	MP-2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	2
24	DHU-1	CRAWL SPACE	-	-	1	208	LP-2	40A/2P	(2)-#8, (1)-#10 EGC IN 3/4"	(2)-#8, (1)-#10 EGC IN 3/4"	60	NF	1	-	-	3
25	DHU-2	CRAWL SPACE	-	-	1	208	MP-2	40A/2P	(2)-#8, (1)-#10 EGC IN 3/4"	(2)-#8, (1)-#10 EGC IN 3/4"	60	NF	1	-	-	3
26	EF-1	ROOF	1/4	-	1	120	LP-1	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"	-	-	-	-	-	-	1

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE GENERAL NOTES:

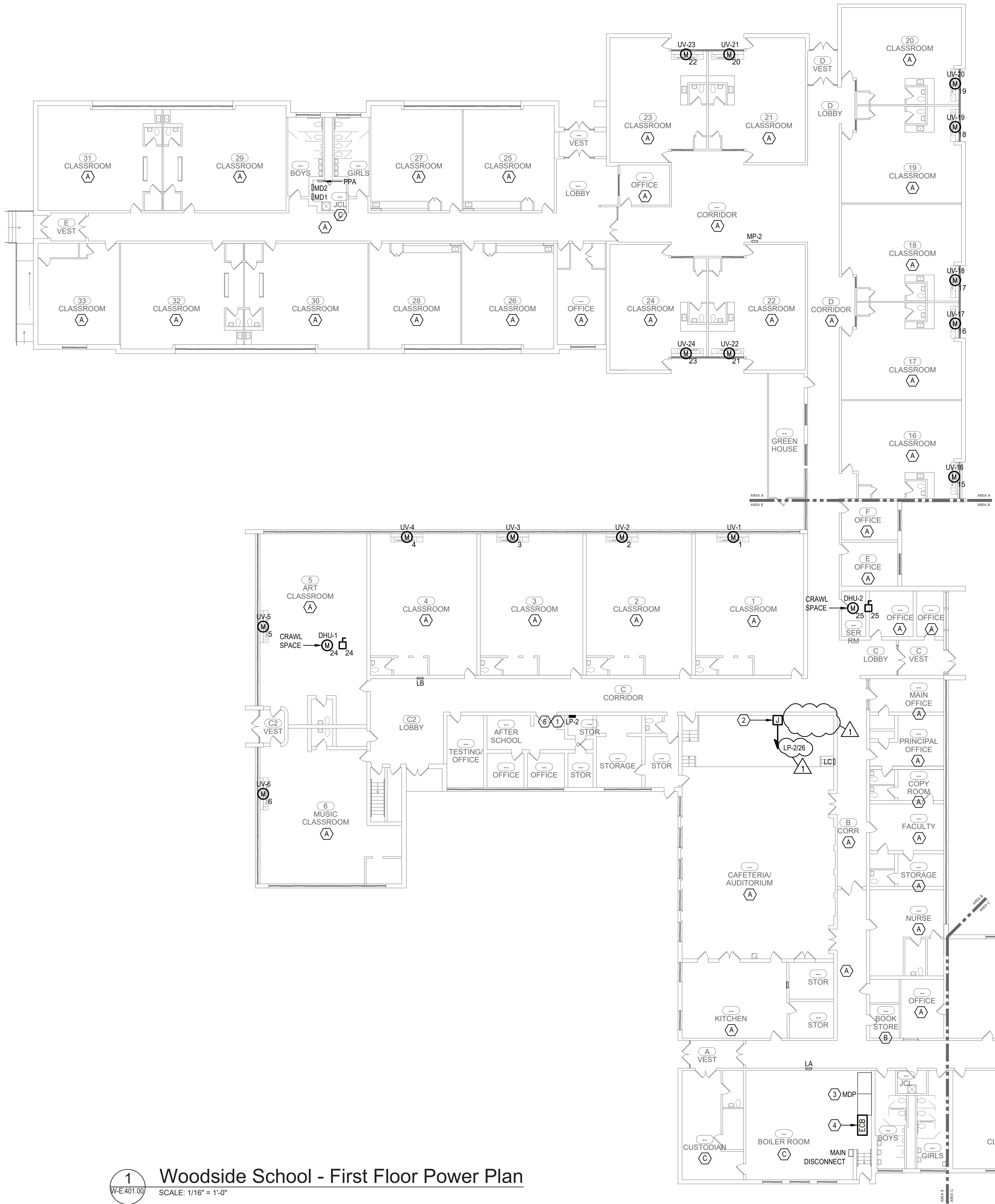
- A. ALL CONTROL EQUIPMENT PROVIDED BY THE DIVISION 26 CONTRACTOR UNLESS OTHERWISE NOTED.
- B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
- C. ALL CONTROL DEVICES TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
- D. PROVIDE OVERLOADS, SIZE AS REQUIRED BY DIVISION 23 CONTRACTOR.
- E. "AU" INDICATES CONTROL DEVICE LOCATED AT UNIT.
- F. "NF" INDICATES NON-FUSED.
- G. WHERE CONTROLS ARE LOCATED REMOTE FROM MOTOR PROVIDE DISCONNECT IN ADDITION TO CONTROLS.
- H. WHERE DISCONNECT SIZES ARE INDICATED PROVIDE DISCONNECT.

NOTES:

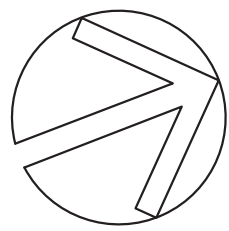
1. PROVIDE 40A, 3-POLE BRANCH CIRCUIT BREAKER "EATON PRL1A" SERIES.
2. REMOVE 3-20A, 1-POLE BRANCH CIRCUIT BREAKERS AND PROVIDE 40A, 3-POLE BRANCH CIRCUIT BREAKER "EATON PRL1A" SERIES.
3. REMOVE 2-20A, 1-POLE BRANCH CIRCUIT BREAKERS AND PROVIDE 40A, 2-POLE BRANCH CIRCUIT BREAKER "EATON PRL1A" SERIES.

MOTOR STARTER/CONTROLLER NOTES:

1. MOTOR RATED SWITCH.
2. MANUAL MOTOR STARTER.
3. MANUAL MOTOR STARTER WITH RELAY.
4. MAGNETIC STARTER.
5. COMBINATION MAGNETIC STARTER.
6. VARIABLE FREQUENCY DRIVE, FURNISHED BY MC, INSTALLED BY EC.
7. COMBINATION TWO SPEED MAGNETIC STARTER.
8. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER.
9. DUPLEX CONTROLLER WITH ALTERNATION CIRCUIT.
10. PACKAGED CONTROL UNIT.
11. H-Q-A SELECTOR SWITCH IN COVER.
12. PILOT LIGHT IN COVER.
13. START-STOP PUSHBUTTON.
14. DUPLEX RECEPTACLE.
15. LINE-VOLTAGE THERMOSTAT.
16. PROVIDE FAN SHUTDOWN RELAY AND CONNECT TO FACP FOR SHUTDOWN ON BUILDING ALARM.



1 Woodside School - First Floor Power Plan
SCALE: 1/16" = 1'-0"



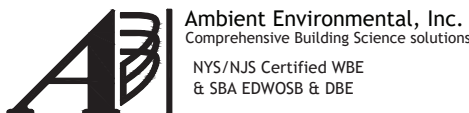
DRAWING NOTES:

- COORDINATE FINAL LOCATIONS WITH OWNER PRIOR TO ROUGH-IN OF FEEDERS AND PANELBOARDS.
- PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT; COORDINATE FINAL LOCATION WITH TC.
- EXISTING 208Y/120V, 1,200A MLO, 3-PHASE, 4-WIRE DISTRIBUTION PANELBOARD. PROVIDE BUS TAP AND LUGS FOR PANELBOARD LP2 ENCLOSED CIRCUIT BREAKER (ECB).
- PROVIDE 600V, 3-POLE, 225A ENCLOSED CIRCUIT BREAKER AND (4)-#4/0 AWG, (1)-#4 AWG EGC IN 2-1/2" C FROM MDP FOR PANELBOARD LP2.
- PROVIDE (4)-#4/0 AWG, (1)-#4 AWG EGC IN 2-1/2" C FROM ECB FOR PANELBOARD LP-2.

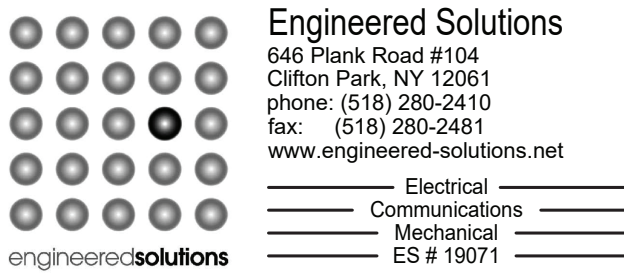
CEILING SCHEDULE	
DESIGNATION	DESCRIPTION
(A)	ACCESSIBLE CEILING
(B)	INACCESSIBLE CEILING
(C)	EXPOSED STRUCTURE

Architect:
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Hazardous Material Consultant:



MEP Engineer:



Client:



Peekskill City School District
1031 Elm St.
Peekskill, NY 10566

Peekskill Reconstruction

SED Project: 66-15-00-01-0-005-020
HDG Project: 201

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SED Project: 66-15-00-01-0-007-014
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Middle School
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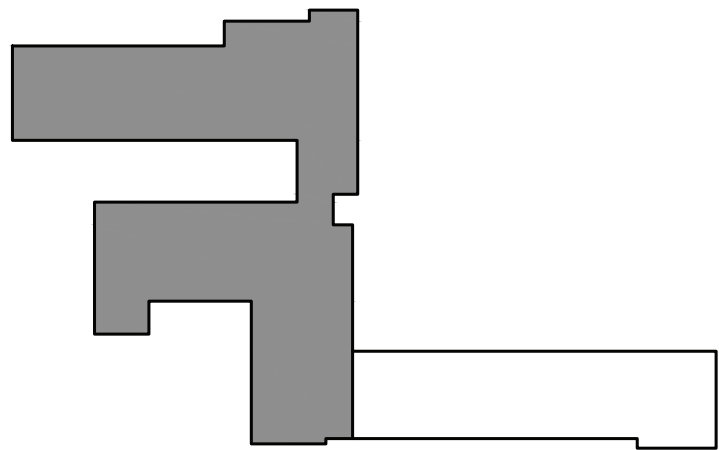
DRAWN BY:
SDK

ISSUE: 02/01/2021
ADDENDUM NO. 1
REV: 03/05/2021



DESCRIPTION
First Floor Power Plan

W-E.401.00



KEY PLAN

PANELBOARD SCHEDULE - LP-2

LOCATION - STORAGE			SOURCE - ECB			MOUNTING - SURFACE					SE RATED <input type="checkbox"/>		FEED-THRU LVGS <input type="checkbox"/>	
RATING (AMPS) - 225A MLO			VOLTAGE - 208Y/120V			PHASE/WIRE - 3-PHASE/4-WIRE					HWG'D TRM <input checked="" type="checkbox"/>		SUB FEED LVGS <input type="checkbox"/>	
KAIC - 10			DESIGN MAKE (SQUARE D) - NQ			NEMA RATING - 1					COMPUTER GRADE <input type="checkbox"/>		SUB-FEED BREAKER <input type="checkbox"/>	
											200% NEUTRAL <input type="checkbox"/>		ISOLATED GND BUS <input type="checkbox"/>	
CKT	DESCRIPTION	BREAKER	KVA LOAD							BREAKER	DESCRIPTION	CKT		
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG				
1												2		
3	UV-1	40A/3P			8.7			8.7			40A/3P	UV-2	4	
5													6	
7													8	
9	UV-3	40A/3P			8.7			8.7			40A/3P	UV-4	10	
11													12	
13													14	
15	UV-5	40A/3P			8.7			8.7			40A/3P	UV-6	16	
17													18	
19													20	
21	UV-16	40A/3P			8.7			8.7			40A/3P	UV-17	22	
23													24	
25											20A/1P	TC	26	
27	DHU-1	40A/2P			4.5						20A/1P	SPARE	28	
29	SPARE	20A/1P									20A/1P	SPARE	30	
31	SPARE	20A/1P									20A/1P	SPARE	32	
33	SPARE	20A/1P									20A/1P	SPARE	34	
35	SPARE	20A/1P									20A/1P	SPARE	36	
37	SPARE	20A/1P									20A/1P	SPARE	38	
39	SPARE	20A/1P									20A/1P	SPARE	40	
41	SPARE	20A/1P									20A/1P	SPARE	42	
43	SPARE	20A/1P									20A/1P	SPARE	44	
45	SPARE	20A/1P									20A/1P	SPARE	46	
47	SPARE	20A/1P									20A/1P	SPARE	48	
LEFT SIDE SUB-TOTAL			-	-	39	-	-	35	-	-	RIGHT SIDE SUB-TOTAL			
CONNECTED SUB-TOTAL			-	-	74	-								
DEMAND FACTOR			1.0	10+1/2	.8	-	.8							
SUB-TOTAL			-	-	59	-								
TOTAL KVA			59											
TOTAL AMPS			163											

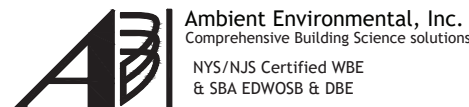
PANELBOARD SCHEDULE - LP-1

LOCATION - STOR. G3			SOURCE - MDP			MOUNTING - SURFACE					SE RATED <input type="checkbox"/>		FEED-THRU LVGS <input type="checkbox"/>	
RATING (AMPS) - 225A MLO			VOLTAGE - 208Y/120V			PHASE/WIRE - 3-PHASE/4-WIRE					HINGED TRM <input checked="" type="checkbox"/>		SUB FEED LVGS <input type="checkbox"/>	
KAIC - 10			DESIGN MAKE (SQUARE D) - NQ			NEMA RATING - 1					COMPUTER GRADE <input type="checkbox"/>		SUB-FEED BREAKER <input type="checkbox"/>	
											200% NEUTRAL <input type="checkbox"/>		ISOLATED GND BUS <input type="checkbox"/>	
CKT	DESCRIPTION	BREAKER	KVA LOAD							BREAKER	DESCRIPTION	CKT		
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG				
1											2			
3	UV-8	40A/3P			8.7			8.7			40A/3P	UV-9	4	
5													6	
7													8	
9	UV-10	40A/3P			8.7			8.7			40A/3P	UV-11	10	
11													12	
13													14	
15	UV-12	40A/3P			8.7			8.7			40A/3P	UV-13	16	
17													18	
19													20	
21	UV-14	40A/3P			8.7			8.7			40A/3P	UV-15	22	
23													24	
25	EF-1	15A/1P			.5						20A/1P	TC	26	
27	SPARE	20A/1P									20A/1P	SPARE	28	
29	SPARE	20A/1P									20A/1P	SPARE	30	
31	SPARE	20A/1P									20A/1P	SPARE	32	
33	SPARE	20A/1P									20A/1P	SPARE	34	
35	SPARE	20A/1P									20A/1P	SPARE	36	
37	SPARE	20A/1P									20A/1P	SPARE	38	
39	SPARE	20A/1P									20A/1P	SPARE	40	
41	SPARE	20A/1P									20A/1P	SPARE	42	
43	SPARE	20A/1P									20A/1P	SPARE	44	
45	SPARE	20A/1P									20A/1P	SPARE	46	
47	SPARE	20A/1P									20A/1P	SPARE	48	
LEFT SIDE SUB-TOTAL			-	-	35	-	-	35	-	-	RIGHT SIDE SUB-TOTAL			
CONNECTED SUB-TOTAL			-	-	70	-								
DEMAND FACTOR			1.0	10+1/2	.8	-	.8							
SUB-TOTAL			-	-	56	-								
TOTAL KVA			56											
TOTAL AMPS			155											

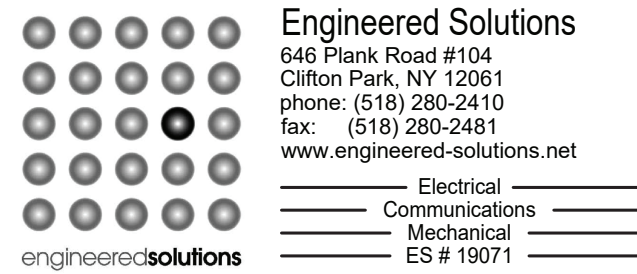


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MEP Engineer:



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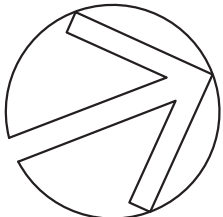
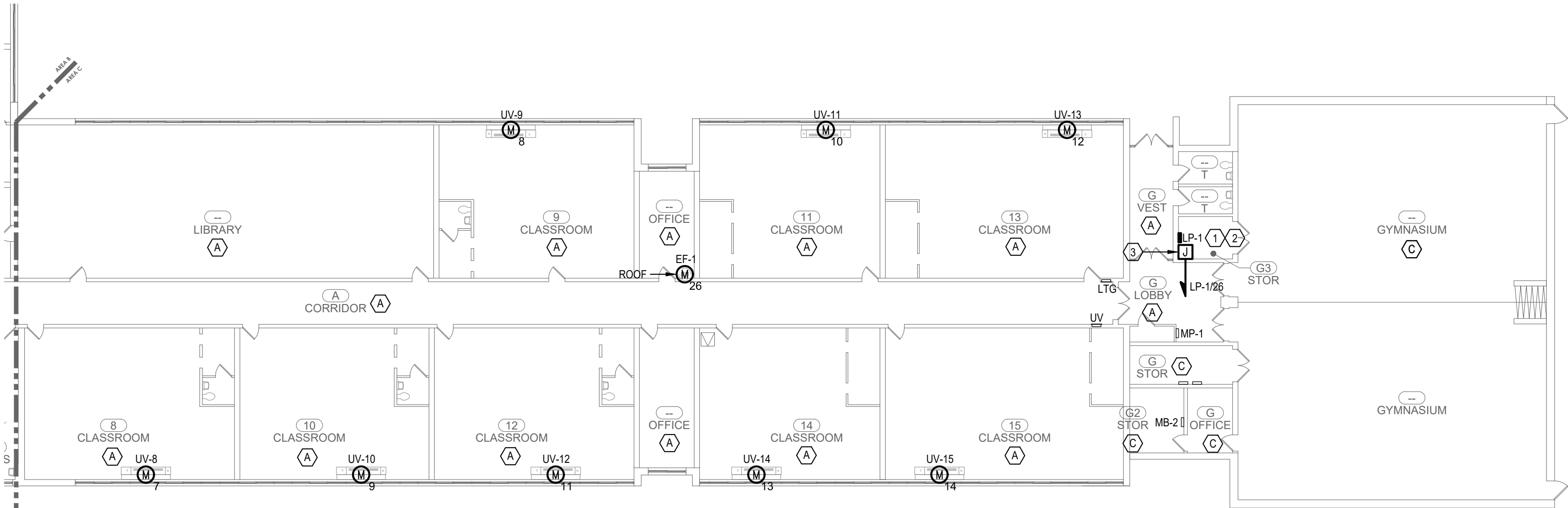
SED Project: 66-15-00-01-0-014-005
HDG Project: 204
Middle School
212 Ringgold St.,
Peekskill, NY 10566

DRAWN BY: SDK
ISSUE: 02/01/2021
ADDENDUM NO. 1
REV: 03/05/2021



DESCRIPTION
First Floor Power Plan and Panelboard Schedules

W-E.402.00

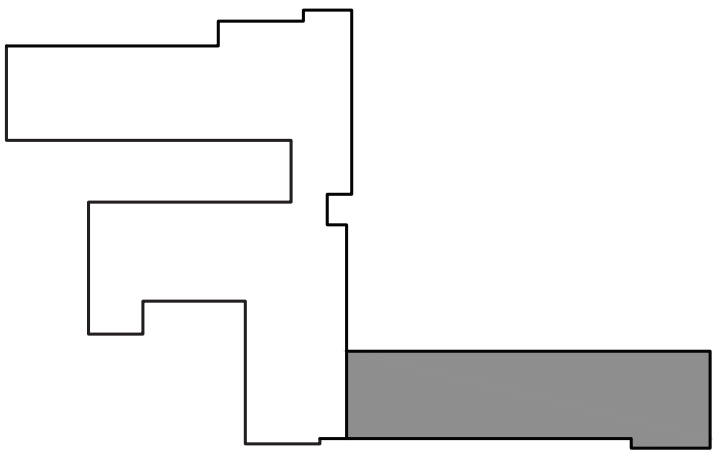


DRAWING NOTES:

- COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN OF FEEDER AND PANELBOARD.
- PROVIDE (4)-#4/0 AWG, (1)-#4 AWG EGC IN 2-1/2" C FOR PANELBOARD LP-1. CONNECT TO SPARE 200A, 3-POLE BRANCH CIRCUIT BREAKER IN MDP.
- PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.

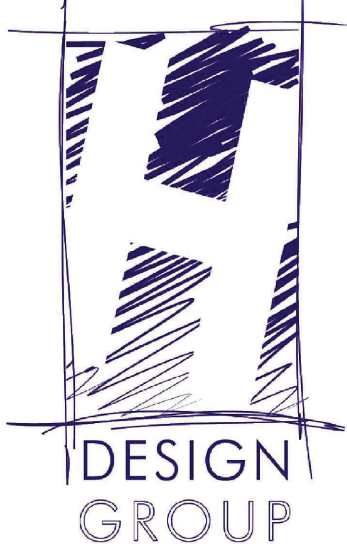
CEILING SCHEDULE

DESIGNATION	DESCRIPTION
(A)	ACCESSIBLE CEILING
(B)	INACCESSIBLE CEILING
(C)	EXPOSED STRUCTURE



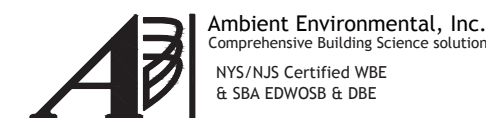
KEY PLAN

1 Woodside School - First Floor Power Plan (con't)
W-E.402.00 SCALE: 1/16" = 1'-0"

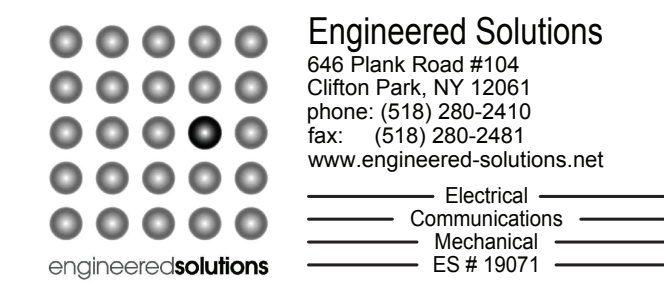


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MEP Engineer:



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HDG Project: 204

Middle School

212 Ringgold St.,
Peekskill, NY 10566

DRAWN BY:
MLB

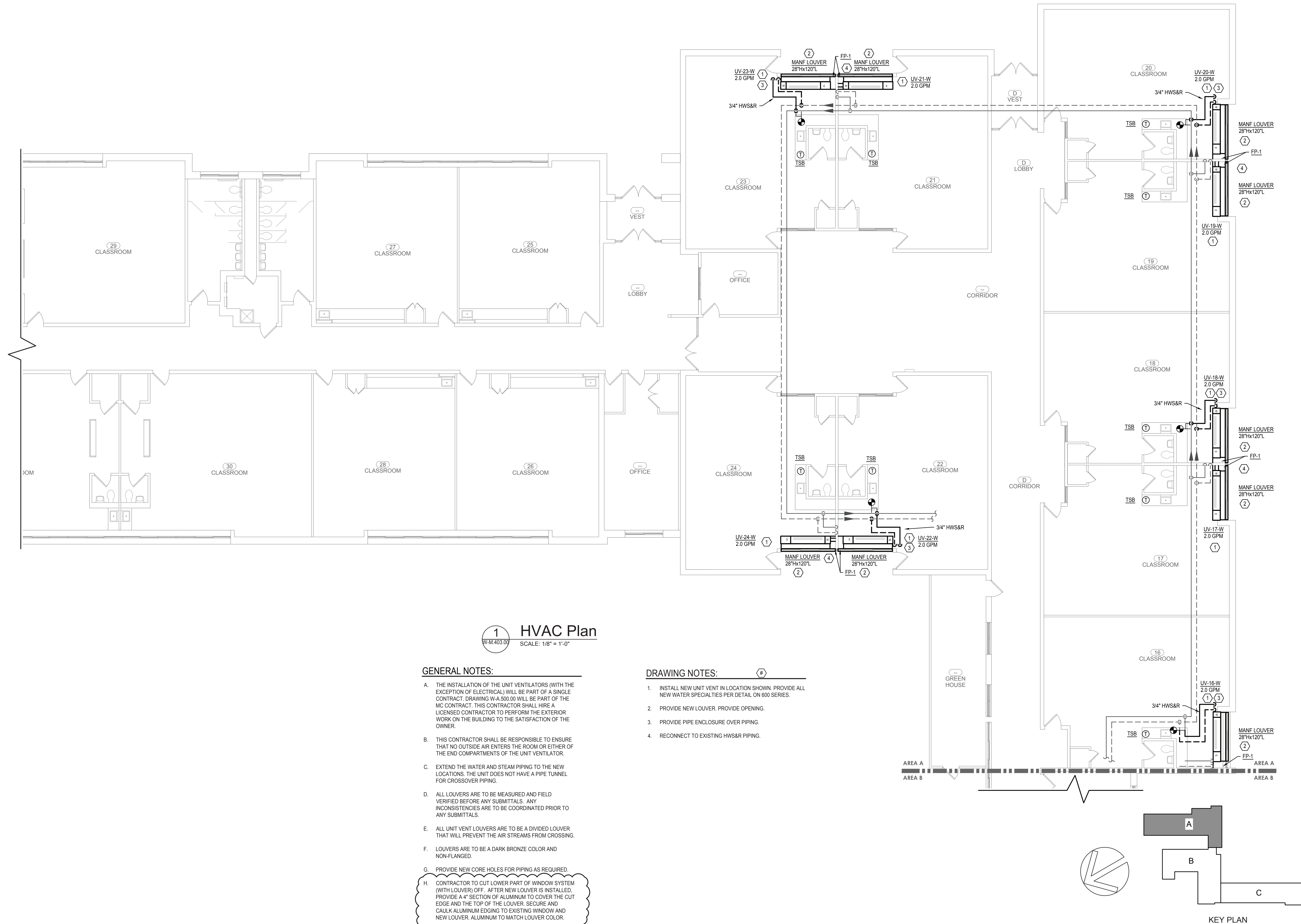
ISSUE: 02/01/2021

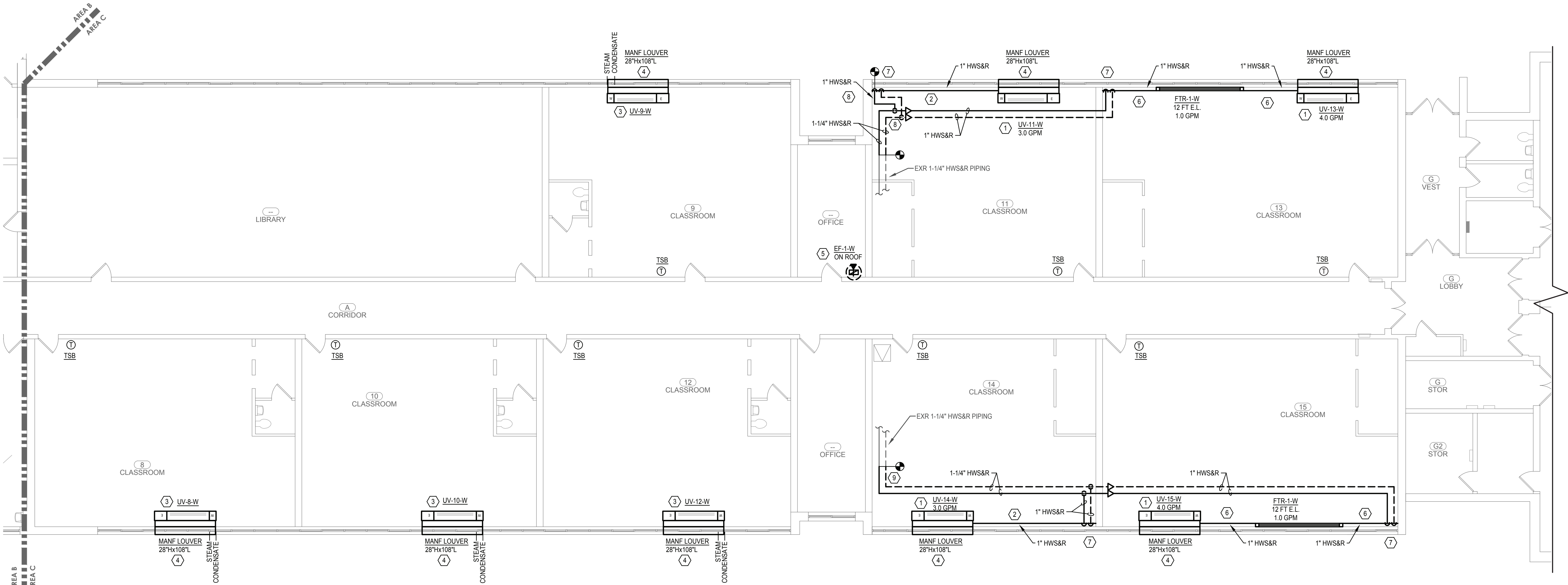
ADDENDUM NO. 1
REV: 03/05/2021



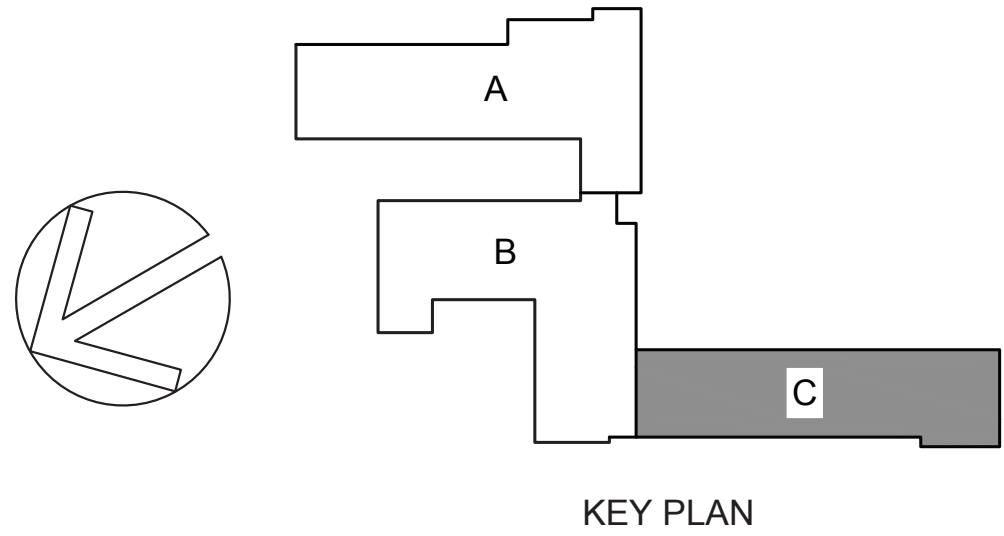
DESCRIPTION
First Floor HVAC Plan - Area A

W-M.403.00





1 HVAC Plan
W-M.405.00 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING W-A.500.00 WILL BE PART OF THE MC CONTRACT. THIS CONTRACTOR SHALL HIRE A LICENSED CONTRACTOR TO PERFORM THE EXTERIOR WORK ON THE BUILDING TO THE SATISFACTION OF THE OWNER.
- THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.
- EXTEND THE WATER AND STEAM PIPING TO THE NEW LOCATIONS. THE UNIT DOES NOT HAVE A PIPE TUNNEL FOR CROSSOVER PIPING.
- ALL LOUVERS ARE TO BE MEASURED AND FIELD VERIFIED BEFORE ANY SUBMITTALS. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.
- ALL UNIT VENT LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.
- LOUVERS ARE TO BE A DARK BRONZE COLOR AND NON-FLANGED.

G. PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

H. CONTRACTOR TO CUT WINDOW SIL FLUSH WITH EXISTING WALL. THIS WOULD BE FOR ALL ROOMS THIS AREA.

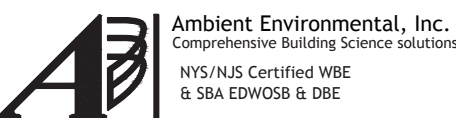
DRAWING NOTES:

- INSTALL NEW UNIT VENT IN LOCATION SHOWN. CONNECT TO EXISTING HWS&R PIPING. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
- PROVIDE STERLING FTR HORIZONTAL PIPE ENCLOSURE (NO LOUVERS) TO COVER PIPES STACKED ON WALL.
- INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND 1" STEAM AND 3/4" CONDENSATE PIPING TO NEW LOCATION ON UNIT VENT. PROVIDE NEW FLOOR OPENINGS FOR PIPING. PROVIDE ALL NEW STEAM SPECIALTIES PER DETAIL ON 600 SERIES. UNIT VENT WILL NEED TO BE INSTALLED SO NEW LOUVER/WALL OPENING DOES NOT INTERFERE WITH EXISTING WINDOW COLUMN.
- PROVIDE NEW LOUVER. PROVIDE OPENING.
- PROVIDE NEW EXHAUST FAN ON ROOF AND RUN 16" DUCT DOWN TO BASEMENT. PROVIDE CHASE. PROVIDE FIRE DAMPER (FRD-B) AT FLOOR LINE WITH ACCESS DOOR IN DUCT AND IN CHASE.
- FIN ENCLOSURE TO RUN FROM UNIT TO WALL.
- PROVIDE PIPE ENCLOSURE OVER VERTICAL PIPING.
- PROVIDE AIR VENT AT TOP OF PIPING, SUPPLY AND RETURN.

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MLB

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ADDENDUM NO. 1

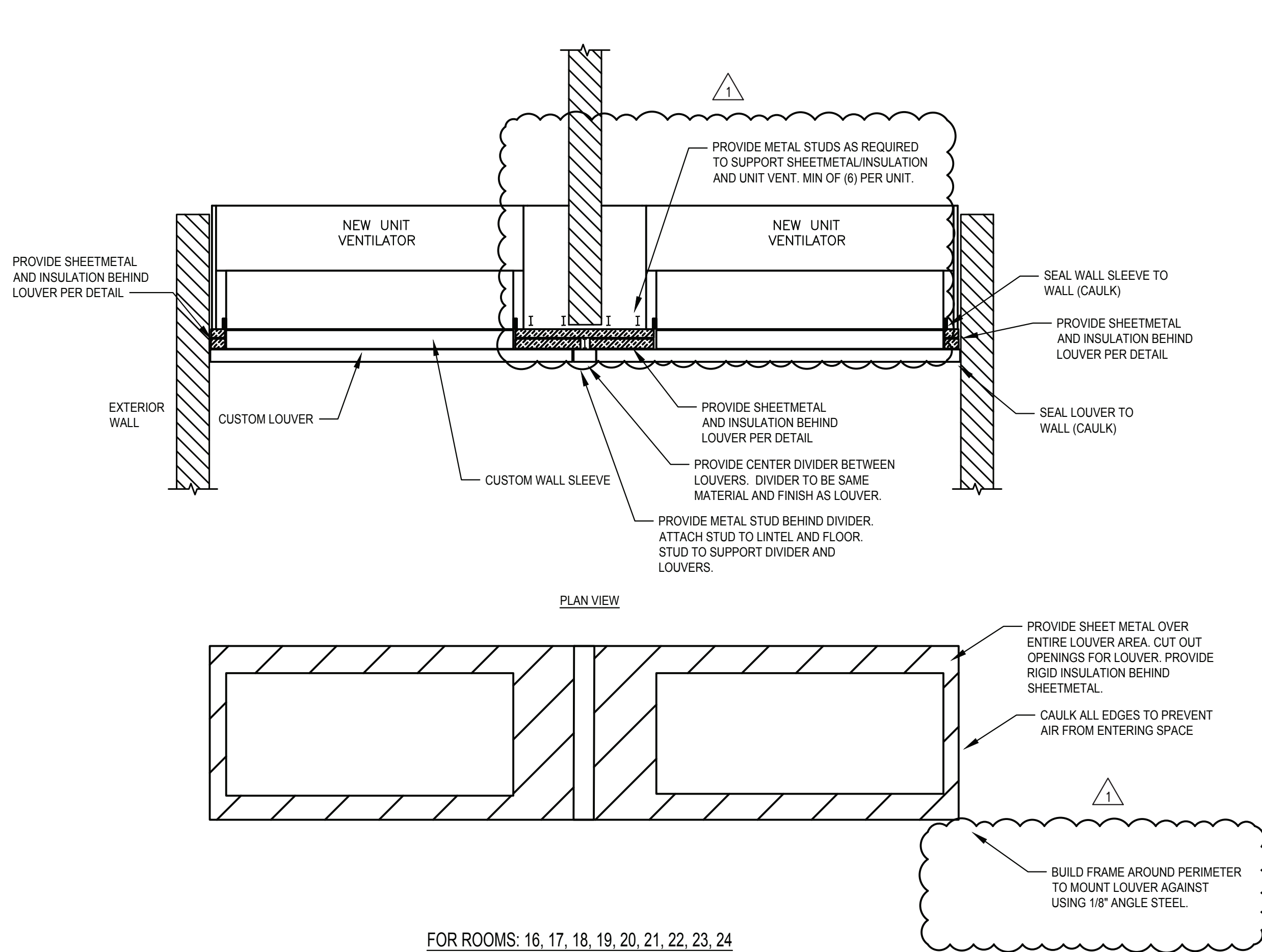
REV: 03/05/2021



DESCRIPTION

First Floor HVAC Plan - Area C

W-M.405.00



1 UNIT VENTILATOR DETAIL

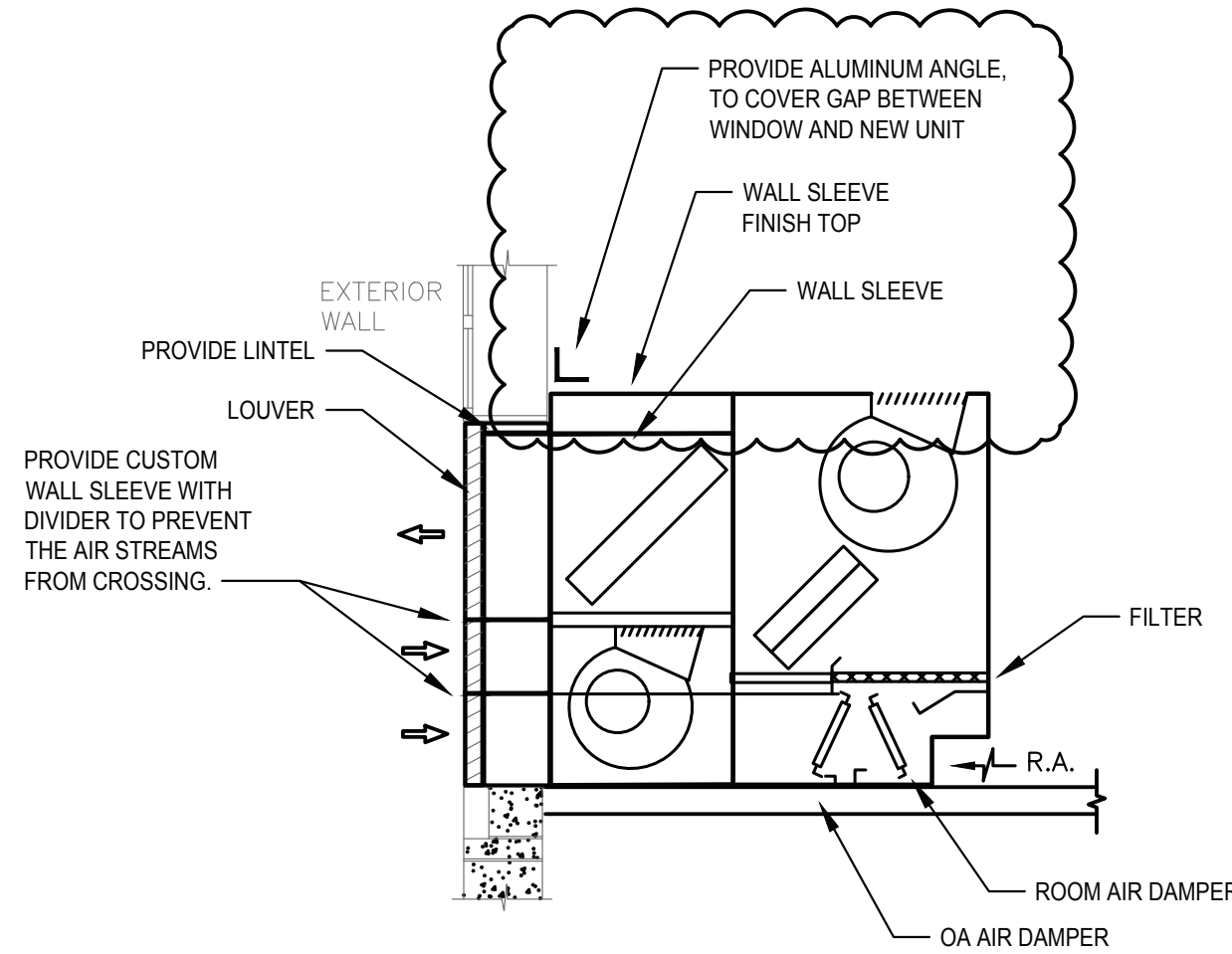
SCALE : NONE

GENERAL UNIT VENTILATOR INSTALLATION NOTES

1. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO INSURE THAT ALL AREAS OF THE UNIT VENTILATOR ARE COMPLETELY SEALED AND INSULATED TO THE OUTSIDE AIR INTAKE.
2. AS WALL CONDITIONS VARY AT EACH INDIVIDUAL UNIT THIS CONTRACTOR MUST PROVIDE SAFING, INSULATION, SHEET METAL, AND ACCESSORIES REQUIRED TO SEAT UNIT VENTILATOR FIRMLY AGAINST THE WALL.
3. REFER TO PIPING DETAIL FOR WATER SPECIALTIES.
4. THE END COMPARTMENTS OF EACH UNIT VENTILATOR MUST BE COMPLETELY SEALED-OFF AND RE-INSULATED TO PREVENT ANY OUTSIDE AIR FROM ENTERING THE UNIT OR THE ROOM.
5. THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE LOUVER
6. THIS CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO WATER ENTERS BUILDING AROUND NEW LOUVER. CAULK AS REQUIRED. IF JOINT IS LARGER THAN 1/4" CONTRACTOR SHALL PROVIDE A METAL BACKING MATERIAL BETWEEN LOUVER AND WALL AND THEN CAULK WEATHERTIGHT.
7. INSTALL PER MANUFACTURERS INSTRUCTIONS.

NOTE:

1. THE MC SHALL REMOVE AT LEAST (3) OF THE EXISTING LOUVERS, MEASURE THE WALL TO VERIFY THE WIDTH, HEIGHT AND DEPTH AND RE-INSTALL THE LOUVER AT THE START OF THE PROJECT BEFORE ANY SUBMITTALS HAVE BEEN SENT TO VERIFY WALL CONSTRUCTION AND WALL SLEEVE DEPTH. CONTRACTOR TO VERIFY ALL LOUVERS IN FIELD PRIOR TO SUBMITTALS.
2. THE CONTRACTOR SHALL INSTALL ONE UNIT AND HAVE THE OWNER AND ENGINEER REVIEW THE INSTALLATION BEFORE THE OTHER UNITS ARE INSTALLED.

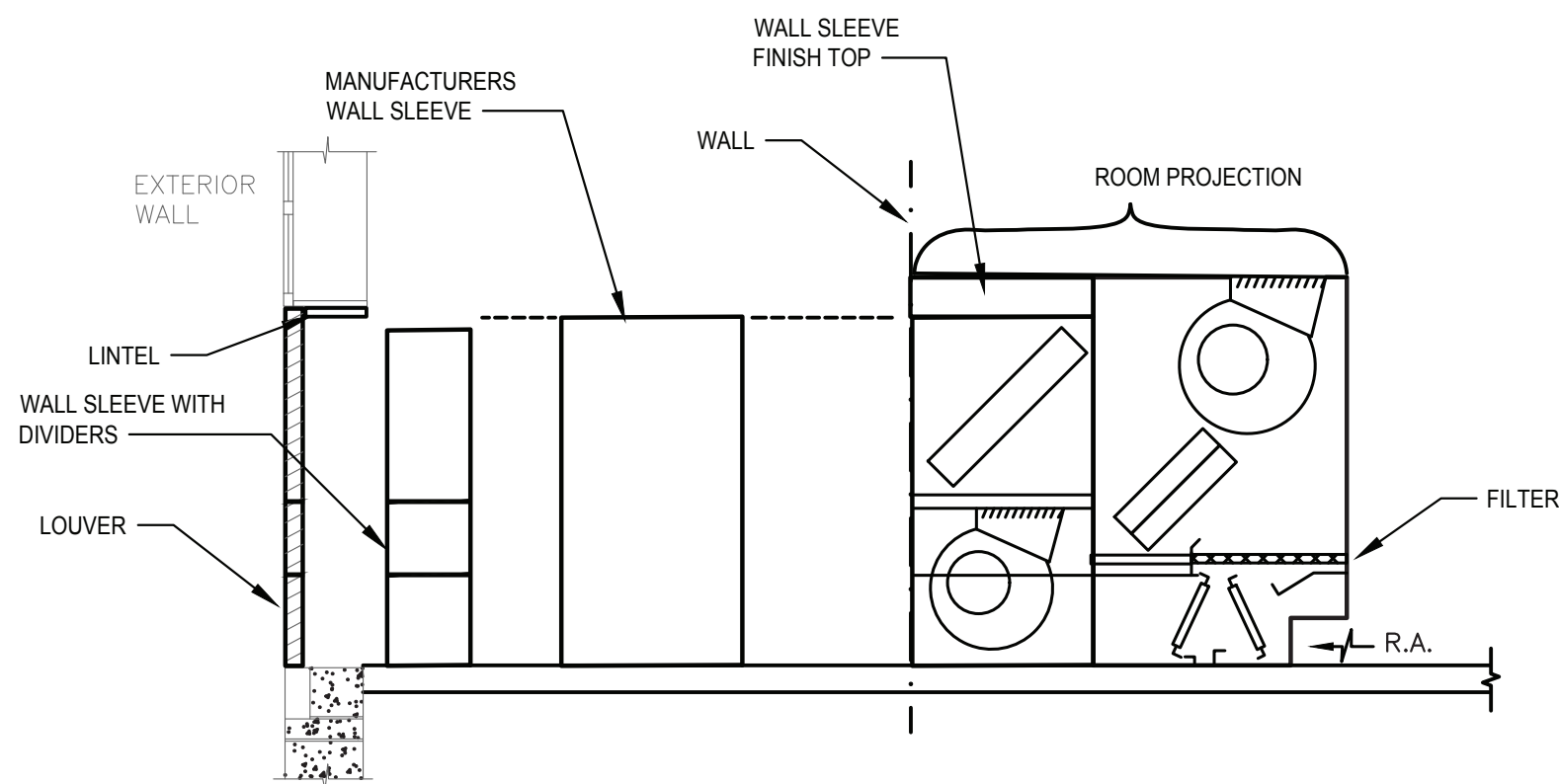


ELEVATION VIEW

NOTE:

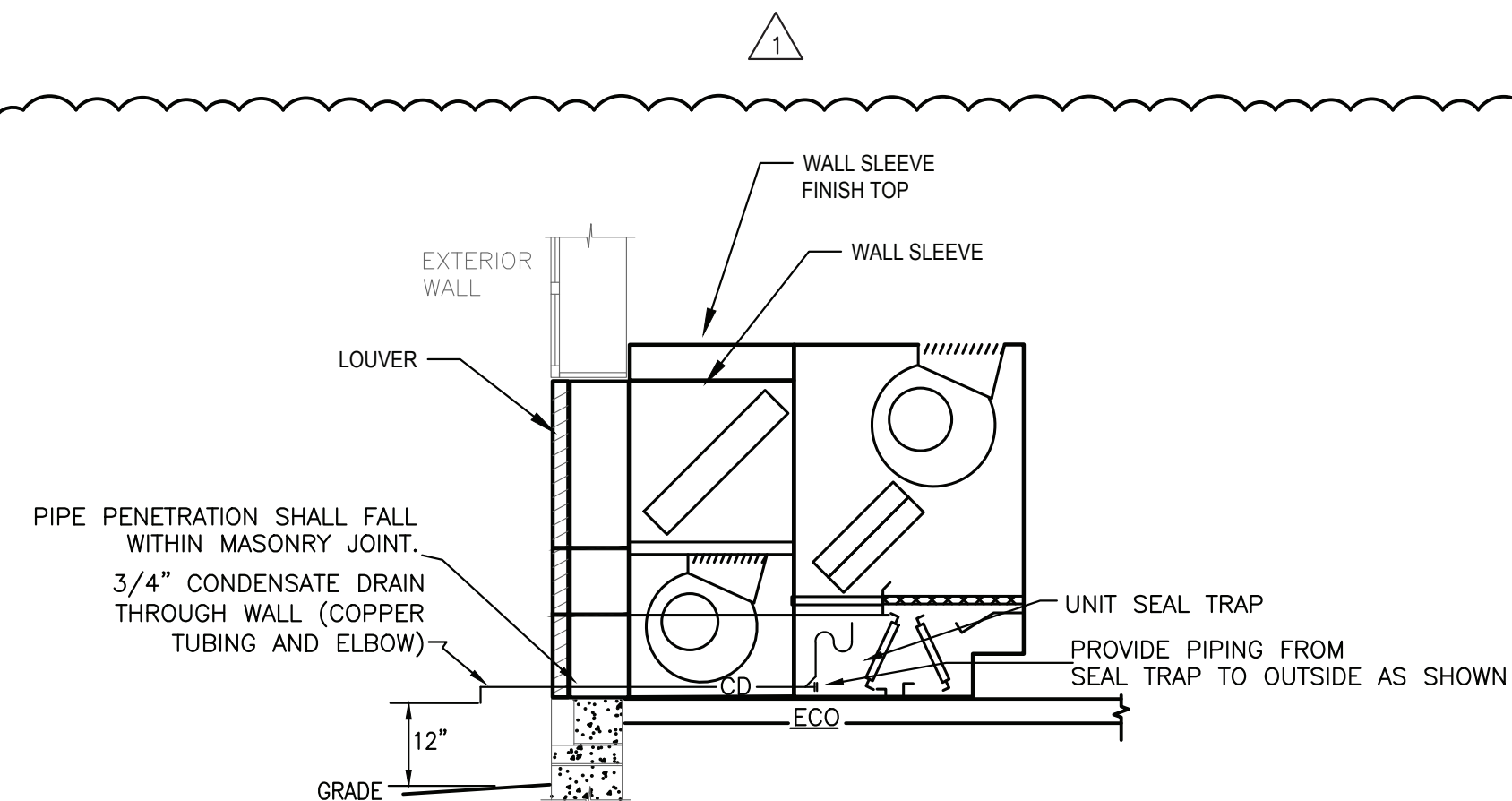
1. UNIT IS TO BE INSTALLED TIGHT AGAINST OUTSIDE WALL WITH MANUFACTURERS WALL SLEEVE FULLY INTO ROOM. PROVIDE CUSTOM WALL SLEEVE FROM UNIT VENT TO LOUVER. SLEEVE TO HAVE DIVIDER IN IT TO PREVENT THE AIR STREAMS FROM CROSSING. UNIT TO BE SEALED AGAINST OUTSIDE WALL SO NO OUTSIDE AIR ENTERS UNIT OR ROOM.
2. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

FOR ALL UNITS



ELEVATION VIEW

FOR ALL UNITS



2 UV CONDENSATE DRAINAGE PIPING DIAGRAM

SCALE : NONE

NOTES:

1. PROVIDE CONDENSATE DRAIN THROUGH EXTERIOR WALL, EXPOSED DRAIN PIPE SHALL BE COPPER.
2. PENETRATIONS THROUGH WALL SHALL BE CORE DRILLED AND SEALED WATER & AIR TIGHT.
3. EXTREME CARE SHALL BE TAKEN WHILE LOCATING PENETRATION. COORDINATE WORK GENERAL CONTRACTOR FOR ALIGNMENT WITH MORTAR LINES.
4. REVIEW EXISTING WALL MORTAR CONDITIONS WITH GC PRIOR TO START OF WORK THROUGHOUT RENOVATED AREAS.

HAMLIN



Architect:

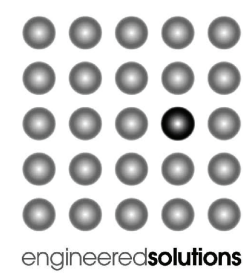
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Ambient Environmental, Inc.
Comprehensive Building Science solutions
NYS/NAS Certified WBE
E SEA EDW058 E DBE

MEP Engineer:



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Clifton Park, NY 12061
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www.engineered-solutions.net
Electrical
Communications
Mechanical
ES # 19071

Client:



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SED Project: 66-15-00-01-0-014-005
HDG Project: 204

Middle School

212 Ringgold St.,
Peekskill, NY 10566

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DESCRIPTION

HVAC Details and Diagrams

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