



**REMOVAL NOTES:**

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



Architect:  
**Hamlin Design Group**  
 915 Broadway, Suite 101A  
 Albany, New York 12207  
 Tel: 518.724.5159  
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**Hazardous Material Consultant:**



**MEP Engineer:**

**Engineered Solutions**  
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 www.engineered-solutions.net

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**  
 980 Pemart Ave.,  
 Peekskill, NY 10566

SED Project: 66-15-00-01-0-008-017  
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**Woodside Elementary**  
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SED Project: 66-15-00-01-0-014-005  
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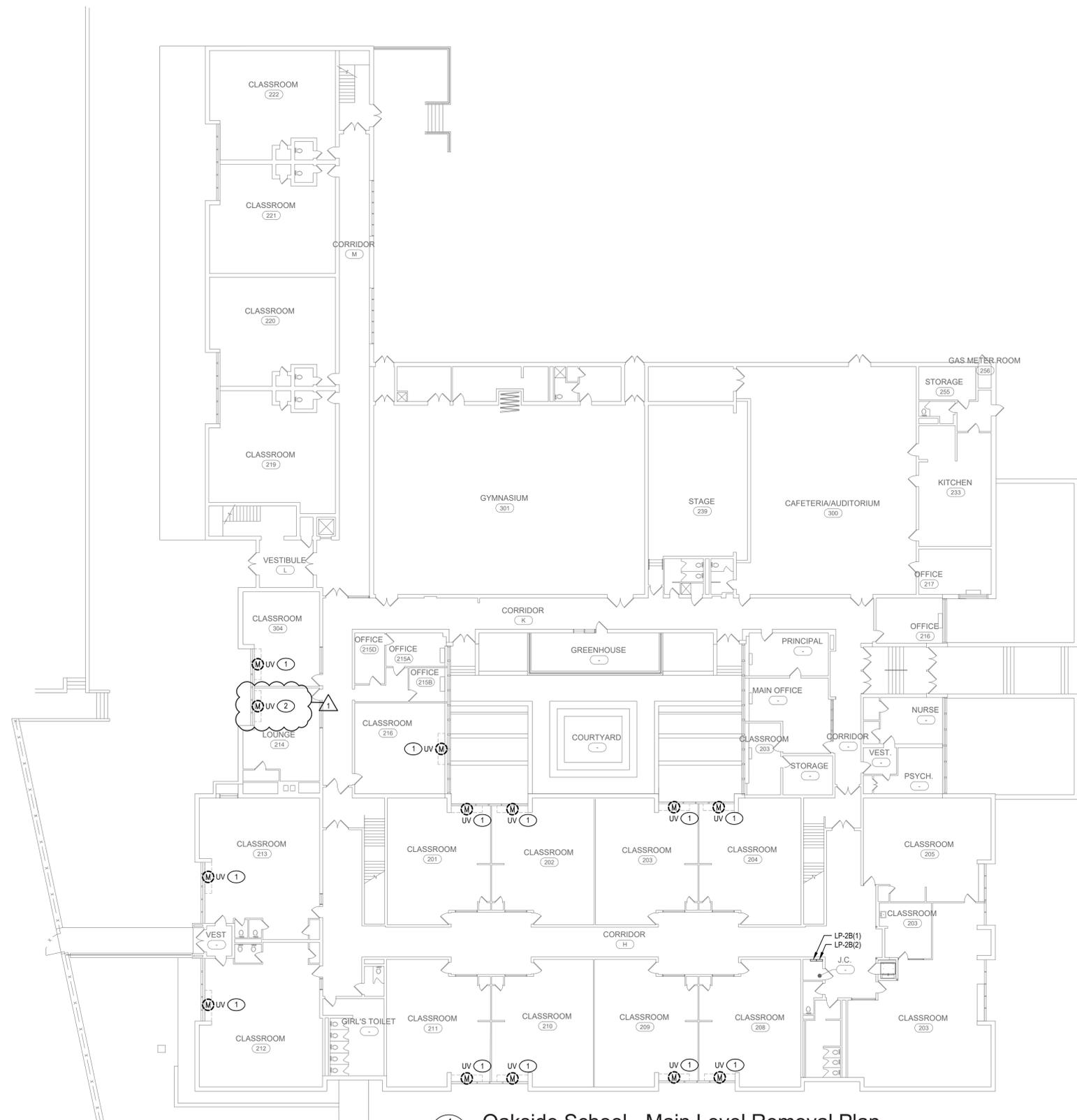
**Middle School**  
 212 Ringgold St.,  
 Peekskill, NY 10566

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

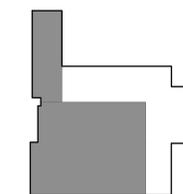


DESCRIPTION  
 Main Level Removal Plans

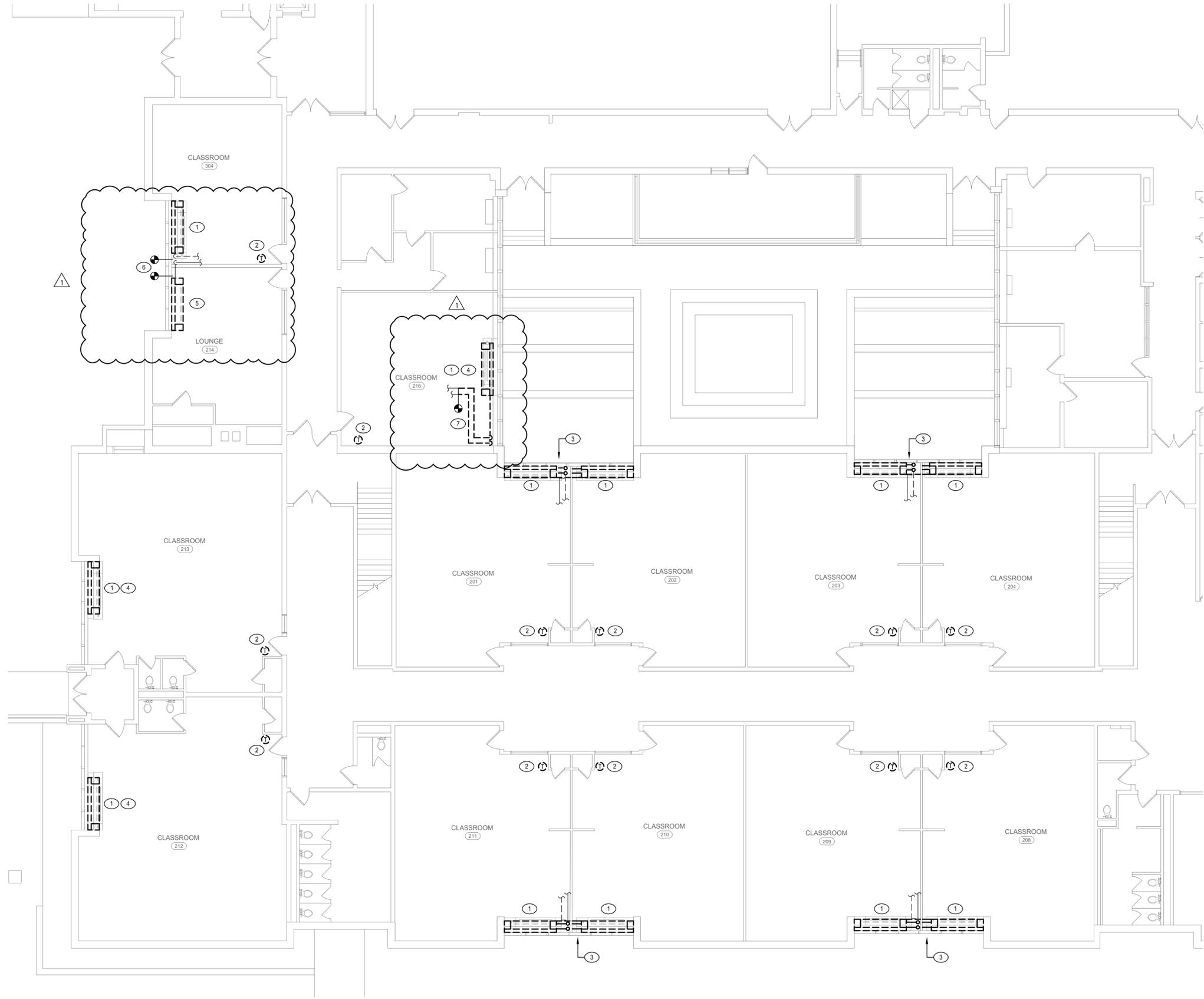
**O-E.202.00**



**1 Oakside School - Main Level Removal Plan**  
 SCALE: 1/16" = 1'-0"



KEY PLAN

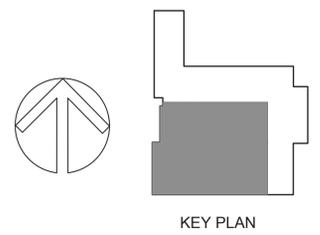


**DRAWING NOTES:**

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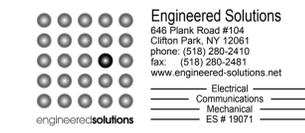
DRAWN BY:  
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ISSUE: 02/01/2021  
 ADDENDUM NO. 1  
 REV: 03/05/2021



DESCRIPTION  
 Removal Plan

**O-M.201.00**

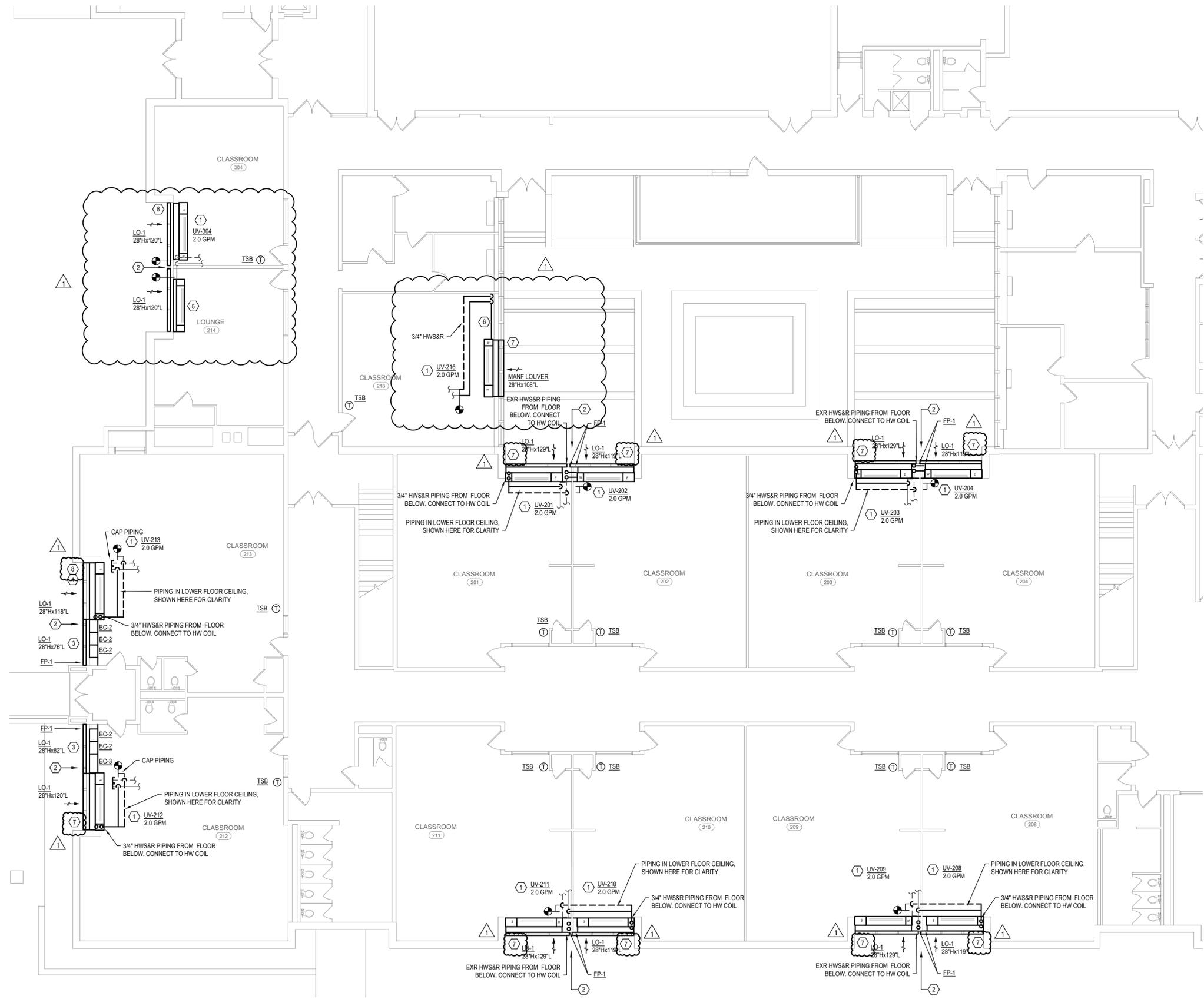


**GENERAL NOTES:**

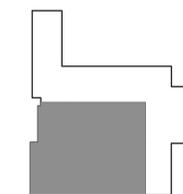
- A. THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING O-A.500.00 WILL BE PART OF THE MC CONTRACT. THIS CONTRACTOR SHALL HIRE A LICENSED CONTRACTOR TO PERFORM THE EXTERIOR WORK ON THE BUILDING TO THE SATISFACTION OF THE OWNER.
- B. THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.
- C. 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.
- D. ALL LOUVERS ARE TO BE MEASURED AND FIELD VERIFIED BEFORE ANY SUBMITTALS. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.
- E. ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.
- F. LOUVERS ARE TO BE A CLEAR ANODIZED AND NON-FLANGED.
- G. 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).
- H. PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

**DRAWING NOTES:**

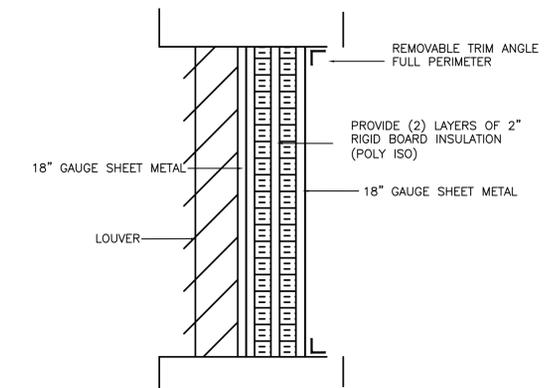
- 1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND AND CONNECT EXISTING HWS&R PIPING TO NEW UNIT VENT. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
- 2. PROVIDE 2" VERTICAL SUPPORT BETWEEN LOUVERS. SUPPORT SHALL BE THE ALUMINUM WITH ANODIZED ALUMINUM COLOR TO EXACTLY MATCH LOUVER.
- 3. PROVIDE SHEETMETAL AND INSULATION BEHIND LOUVER PER DETAIL.
- 4. 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.
- 5. 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.
- 6. RUN PIPING ACROSS WALL. PROVIDE PIPE ENCLOSURE.
- 7. 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.
- 8. CONTRACTOR TO RUN 3/4" COPPER LINE FROM CONDENSATE DRAIN OUT WALL. PROVIDE 90 DEG ELBOW AT BOTTOM OF PIPE.



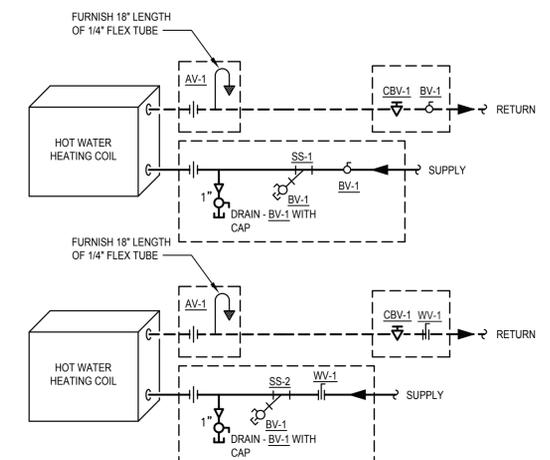
**1 HVAC Plan**  
O-M.401.00 SCALE: 1/8" = 1'-0"



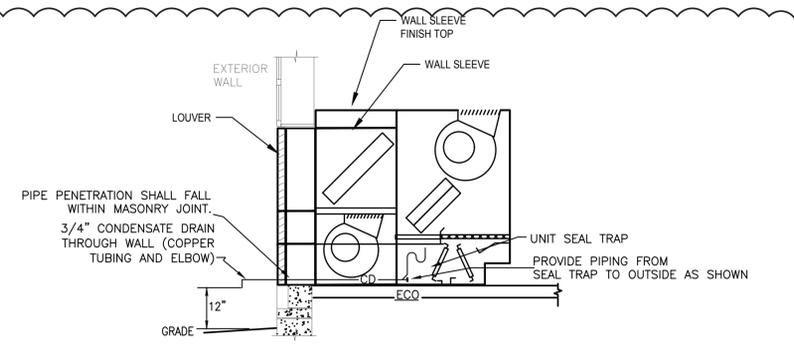
KEY PLAN



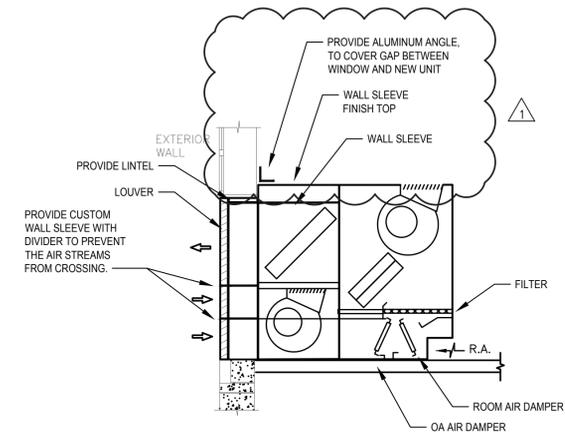
**2 LOUVER AND INSULATION DETAIL**  
SCALE: NONE  
BLANK OFF INACTIVE LOUVER AS SHOWN.



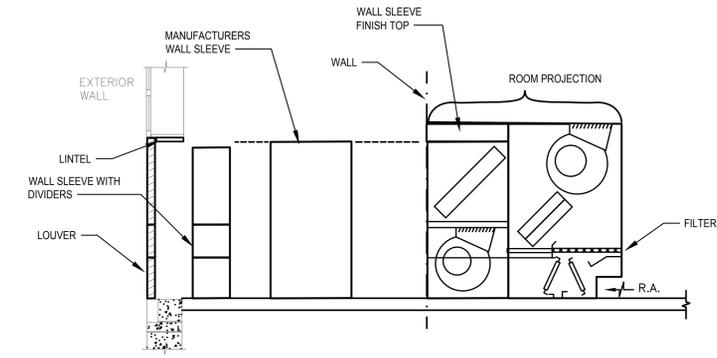
**1 TYPICAL UV COIL PIPING DIAGRAM**  
SCALE: NONE  
NOTES:  
1. FCV SIZED TO MATCH FLOW.  
2. PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS.  
3. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.  
4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.



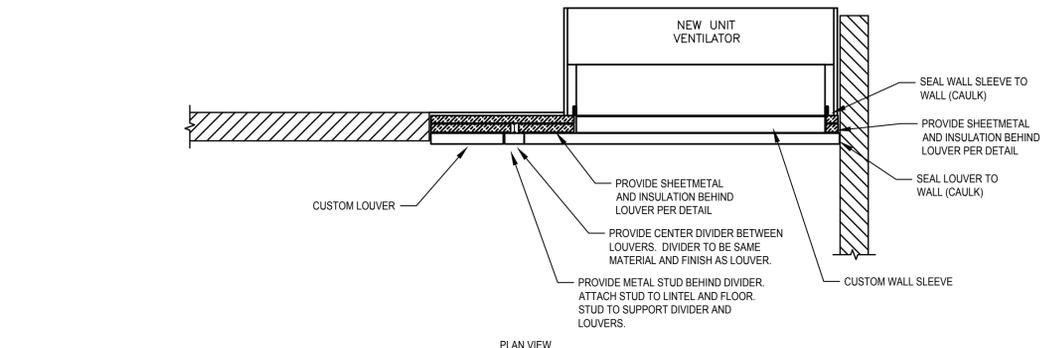
**4 UV CONDENSATE DRAINAGE PIPING DIAGRAM**  
SCALE: NONE  
NOTES:  
1. PROVIDE CONDENSATE DRAIN THROUGH EXTERIOR WALL, EXPOSED DRAIN PIPE SHALL BE COPPER.  
2. PENETRATIONS THROUGH WALL SHALL BE CORE DRILLED AND SEALED WATER & AIR TIGHT.  
3. EXTREME CARE SHALL BE TAKEN WHILE LOCATING PENETRATION. COORDINATE WORK GENERAL CONTRACTOR FOR ALIGNMENT WITH MORTAR LINES.  
4. REVIEW EXISTING WALL MORTAR CONDITIONS WITH GC PRIOR TO START OF WORK THROUGHOUT RENOVATED AREAS.



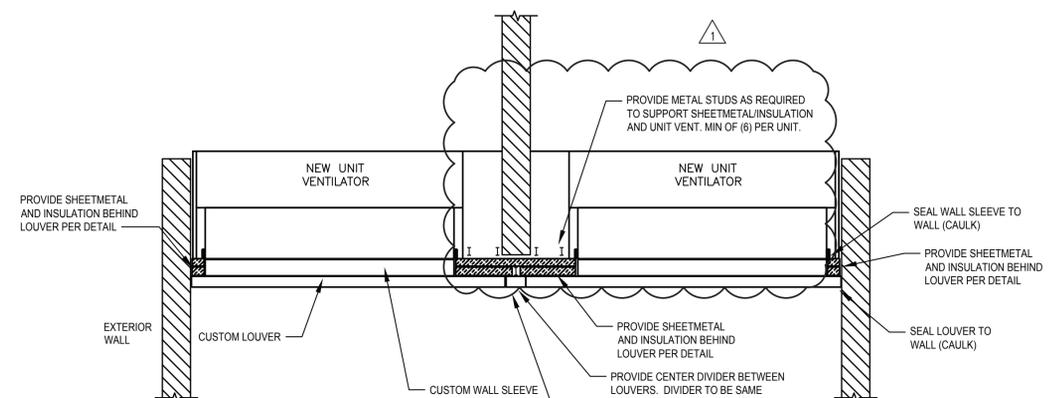
**3 UNIT VENTILATOR DETAIL**  
SCALE: NONE  
GENERAL UNIT VENTILATOR INSTALLATION NOTES  
NOTE:  
1. UNIT IS TO BE INSTALLED TIGHT AGAINST OUTSIDE WALL WITH MANUFACTURERS WALL SLEEVE FULLY INTO ROOM. PROVIDE CUSTOM WALL SLEEVE FROM UNIT VENT TO LOUVER. SLEEVE TO HAVE DIVIDER IN IT TO PREVENT THE AIR 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



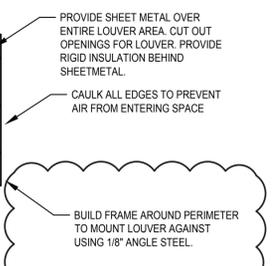
**FOR ALL UNITS**



**FOR ROOMS: 212 & 213**



**FOR ROOMS: 201, 20, 203, 204, 208, 209, 210, 211**



- 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. 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.
- REFER TO PIPING DETAIL FOR WATER SPECIALTIES.
- 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.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE LOUVER
- THIS CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO WATER ENTERS BUILDING AROUND NEW LOUVER. CAULK AS REQUIRED. IF JOINT IS LARGER THAN 1/4\"/>

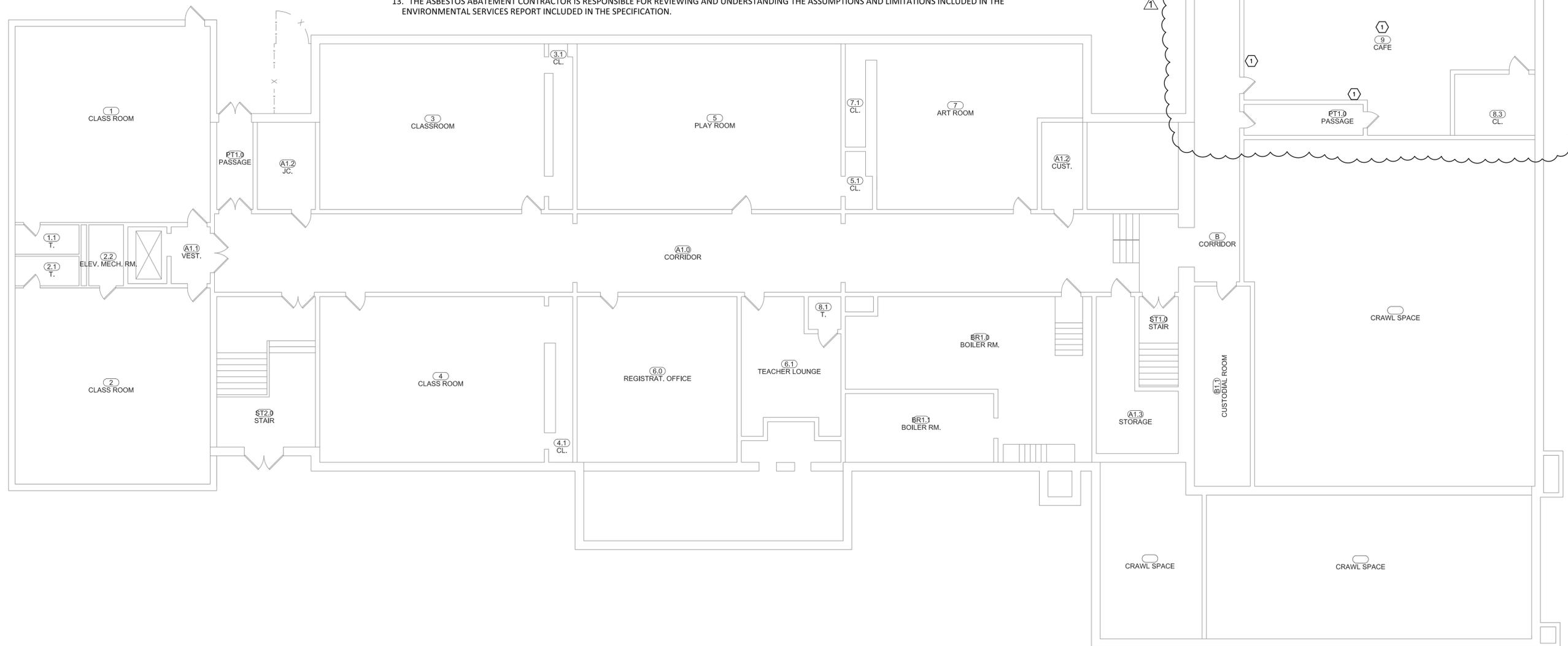
- NOTE:
- THE MC SHALL REMOVE AT LEAST (3) OF THE EXISTING LOUVERS, MEASURE THE WALL TO VERIFY THE WIDTH, HEIGHT AND DEPTH AND RE-INSTALL THE LOUVER AT THE START OF THE PROJECT BEFORE ANY SUBMITTALS HAVE BEEN SENT TO VERIFY WALL CONSTRUCTION AND WALL SLEEVE DEPTH. CONTRACTOR TO VERIFY ALL LOUVERS IN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

**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 CONTRACTOR. 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.

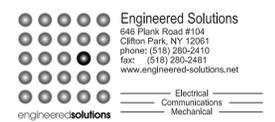


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DRAWN BY: KJ  
 ISSUE: 02/01/2021  
 ADDENDUM NO. 1  
 REV: 03/05/2021

DESCRIPTION  
 Existing Basement Level Hazardous Materials Plan

**U-H.100.00**  
 (ALTERNATE NO. 1)

**1** Uriah Hill School - Existing Basement Level Plan  
 UH.101.00 SCALE: 1/8" = 1'-0"

**GENERAL NOTES - POWER DISTRIBUTION**

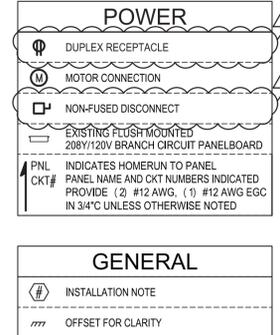
- A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.
- B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.
- C. THE 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/LABELLED 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 CONTRACTOR.
- 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.



**ABBREVIATIONS**

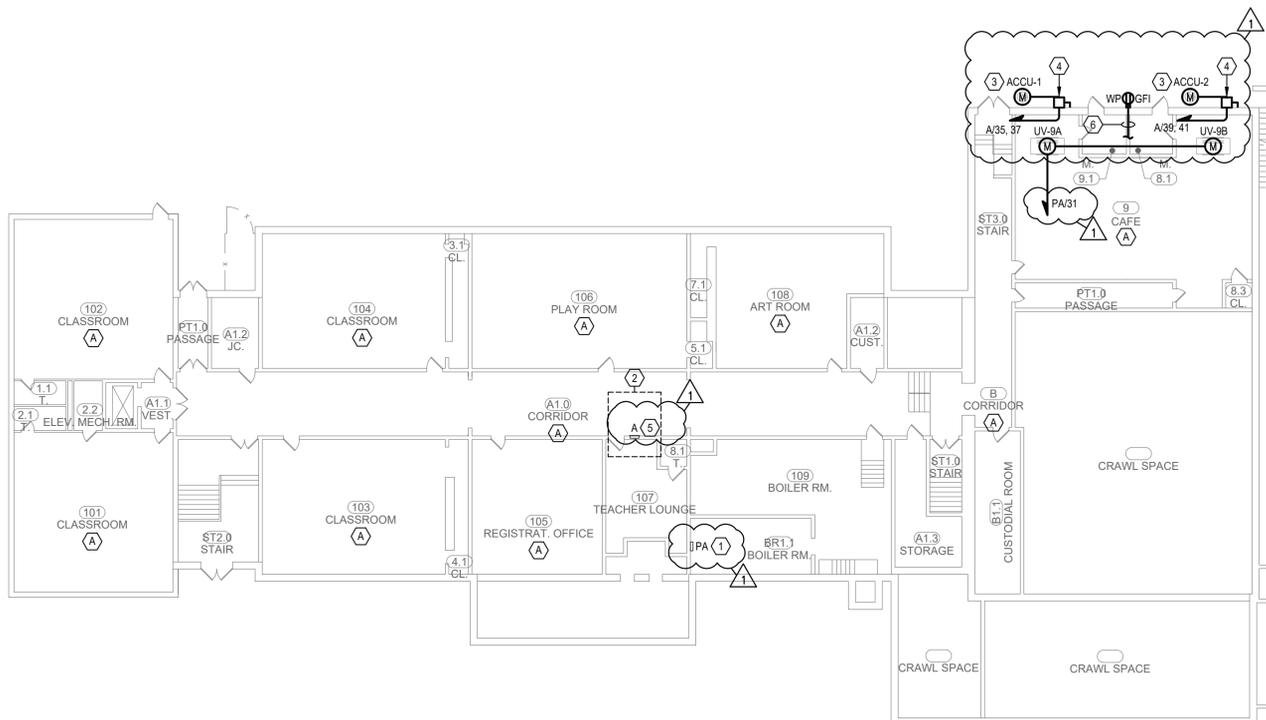
A	AMPERE
AC	ABOVE COUNTER
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
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
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
EXPT	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
FLOOR	FLOOR
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
MILO	MAIN LUGS ONLY
MM	MULTI-MODE FIBER
MM	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NON-FUSED
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:**

1. PROVIDE (1)-20A, 1-POLE BRANCH CIRCUIT BREAKER CUTLER HAMMER "PRL1" SERIES.
2. PANELBOARD LOCATED ON THE FIRST FLOOR.
3. PROVIDE 208V, 1-PHASE BRANCH CIRCUIT CONNECTION TO CONDENSING UNIT.
4. PROVIDE 300V, 30A, 3-POLE NEMA 3R DISCONNECT SWITCH.
5. PROVIDE (2)-30A, 1-POLE (ACCU-1 AND ACCU-2) BRANCH CIRCUIT BREAKER(S) CUTLER HAMMER "PRL1" SERIES.
6. CONNECT TO NEAREST 120V UN-SWITCHED SOURCE.

**CEILING SCHEDULE**

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



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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**  
980 Pemart Ave.,  
Peekskill, NY 10566

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

**Woodside Elementary**  
612 Depew St.,  
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: ISSUE: 02/01/2021  
SDK ADDENDUM NO. 1  
REV: 03/05/2021



DESCRIPTION  
Legend, General Notes and Basement Power Plan

**U-E.001.00**

(ALTERNATE NO. 1)



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Client:



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 HDG Project: 204

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 212 Ringgold St.,  
 Peekskill, NY 10566

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



DESCRIPTION  
 Basement Removal and HVAC Plan

**U-M.301.00**

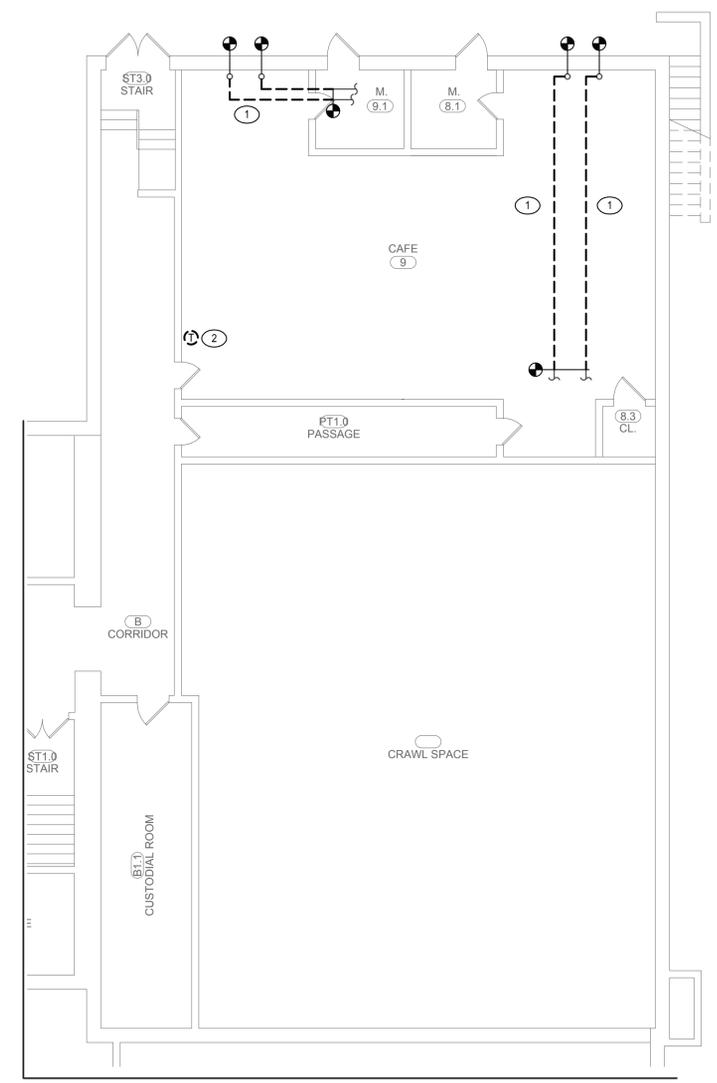
(ALTERNATE NO. 1)

**REMOVAL NOTES:**

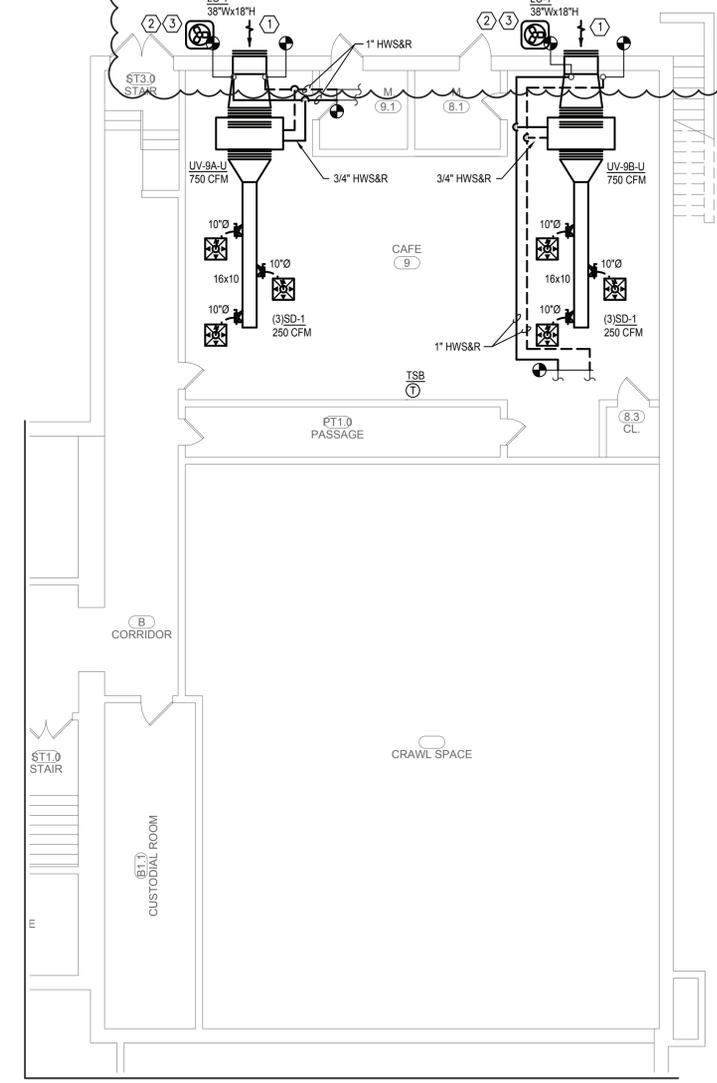
- REMOVE PIPING SHOWN DASHED WITH ALL HANGERS AND SUPPORTS.
- REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.

**DRAWING NOTES:**

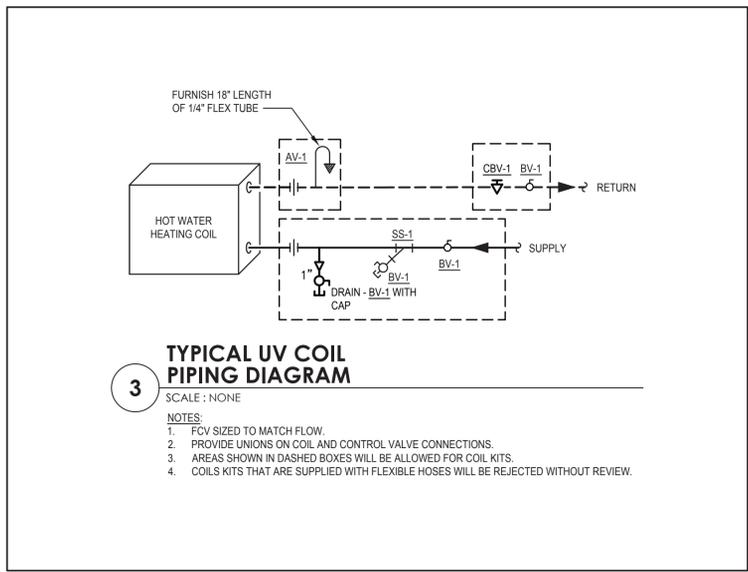
- INSTALL LOUVER IN EXISTING WINDOW. FIELD VERIFY FINAL LOUVER DIMENSIONS PRIOR TO SUBMITTALS.
- PROVIDE 3/8" LL AND 3/4" SL FROM UNIT VENT TO CONDENSING UNIT. MOUNT CONDENSING ON EQUIPMENT FRAME ON GROUND.
- PROVIDE 3/4" COPPER CONDENSATE LINE FROM UNIT TO 12" ABOVE GROUND.



**1 Uriah Hill School - Basement Removal Plan**  
 U-M.301.00 SCALE: 1/8" = 1'-0"



**2 Uriah Hill School - Basement Duct Plan**  
 U-M.301.00 SCALE: 1/8" = 1'-0"



**3 TYPICAL UV COIL PIPING DIAGRAM**

- SCALE: NONE
- NOTES:
- FCV SIZED TO MATCH FLOW.
  - PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS.
  - AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
  - COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.

**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:
- PROVIDE MANUFACTURERS DISCONNECT.
  - PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH.
  - PROVIDE FACE AND BYPASS.

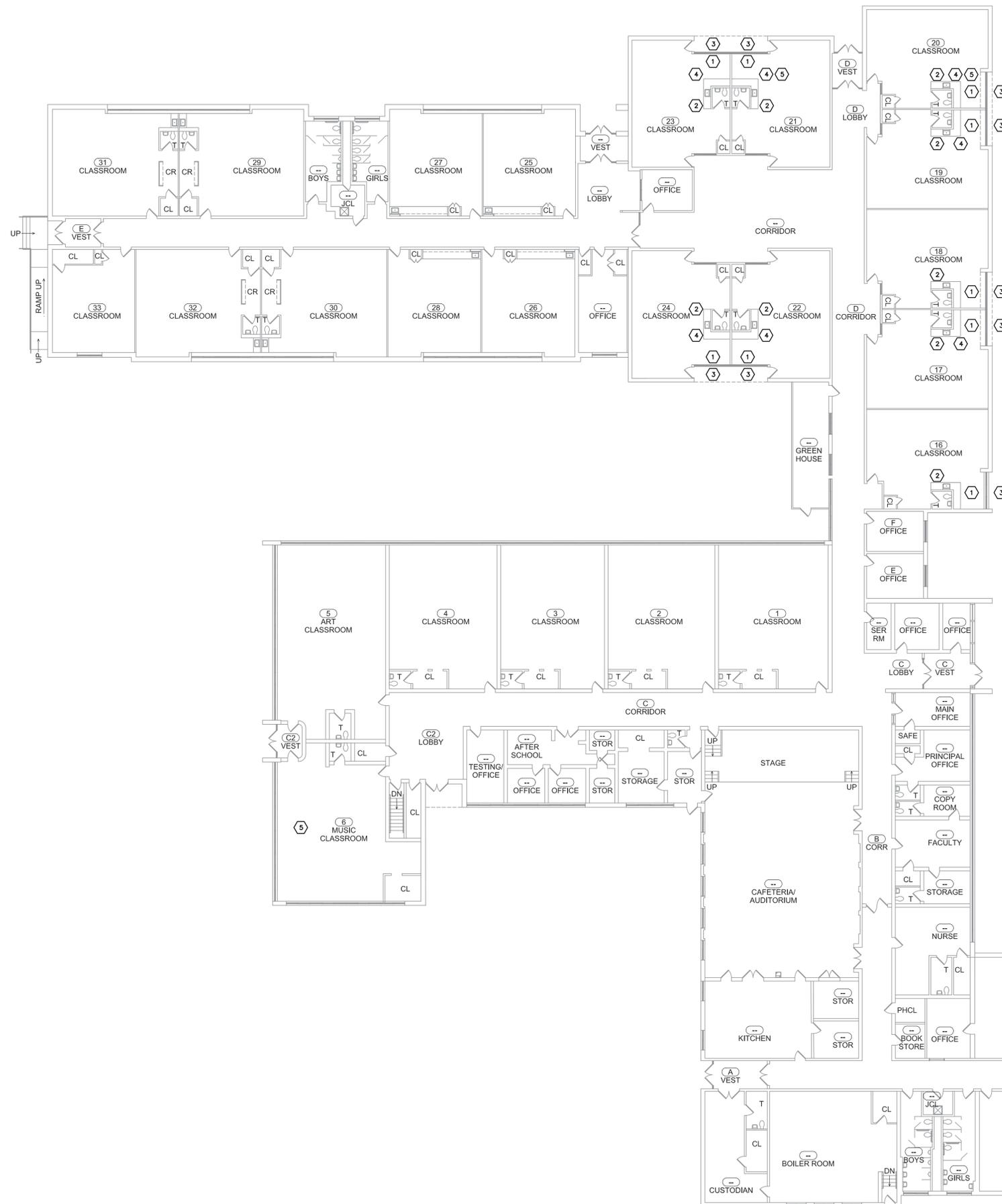
**DIFFUSER, REGISTERS, AND GRILLES**

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:
- EC TO PROVIDE ELECTRICAL DISCONNECT.
  - PROVIDE RAWAL DEVICE.
  - UNIT TO COME WITH COMPRESSORS WIRED TO TERMINAL STRIP. ALL POWER CONNECTIONS BY EC.
  - EC TO PROVIDE POWER FOR FIELD OUTLET.
  - PROVIDE REFRIGERANT LINE SETS.



**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 MUDDER 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 MUDDER 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 CONTRACTOR. 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.

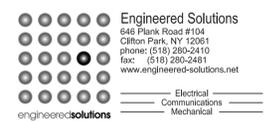


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Hazardous Material Consultant:



MEP Engineer:



Client:



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SED Project: 66-15-00-01-0-005-020  
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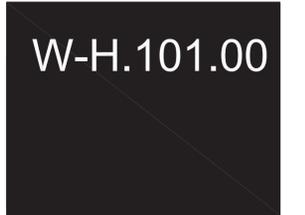
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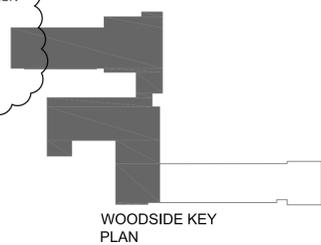
**Middle School**  
 212 Ringgold St.,  
 Peekskill, NY 10566

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

DESCRIPTION  
 Existing First Floor Hazardous Materials Plan



1 Woodside Elementary - Partial Existing First Floor Plan  
 WH.101.00 SCALE: 1/16" = 1'-0"



**GENERAL REMOVAL NOTES**

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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 MUDDED 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 MUDDED 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 CONTRACTOR. 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.



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



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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

**Oakside Elementary**

1072 Elm St.,  
Peekskill, NY 10566

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

**Uriah Hill School**

980 Pemart Ave.,  
Peekskill, NY 10566

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

**Woodside Elementary**

612 Depew St.,  
Peekskill, NY 10566

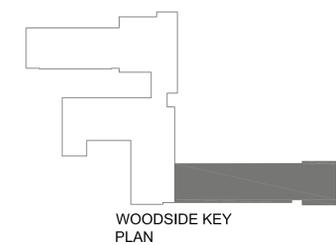
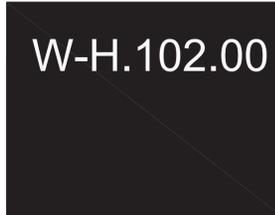
SED Project: 66-15-00-01-0-014-005  
HDG Project: 204

**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



**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/LABELLED 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**  
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 INTERFERENCES PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.

TOGGLE SWITCHES	48"
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
AFG	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
ALC	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
CUTV	COPPER
CLG	CABLE TELEVISION
CLG	CLOSED CIRCUIT TELEVISION
CONT	CEILING
CP	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DP	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPST	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EG	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUND CONDUCTOR
EMERG	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
FLOOR	FLOOR
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HPS	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
MCCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MH	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	NON-FUSED
NTS	NOT IN CONTRACT
NIC	NOT TO SCALE
NIS	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
PH	PHASE
P	POLE
PL	PILOT LIGHT
PLM	PLUG/MOLD
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
TRP	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
Y	EXPLOSION PROOF
Y	WYE CONNECTED



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Electrical  
Communications  
Mechanical  
ES # 19071

**Client:**



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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**  
980 Pemart Ave.,  
Peekskill, NY 10566

SED Project: 66-15-00-01-0-008-017  
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612 Depew St.,  
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SED Project: 66-15-00-01-0-014-005  
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**Middle School**  
212 Ringgold St.,  
Peekskill, NY 10566

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



**DESCRIPTION**  
Legend, General Notes, Schedules and Details

**W-E.001.00**

**ELECTRIC EQUIPMENT AND CONTROL SCHEDULE**

ITEM NO.	EQUIPMENT					SUPPLY			DISCONNECT			CONTROLS			NOTES	
	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	MP-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:**

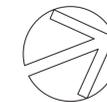
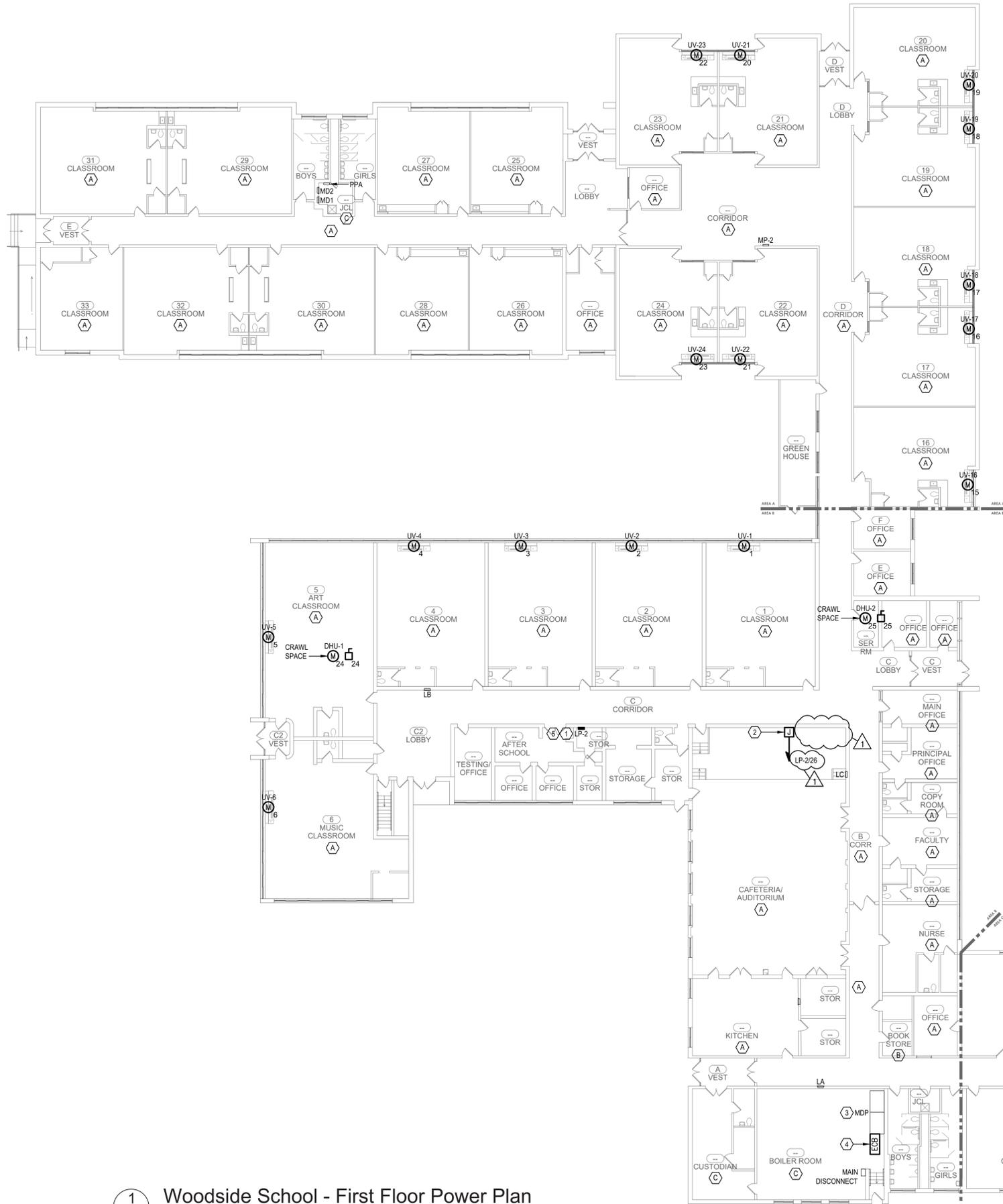
- A. ALL CONTROL EQUIPMENT PROVIDED BY THE DIVISION 26 CONTRACTOR UNLESS OTHERWISE NOTED.
- B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
- C. ALL CONTROL DEVICES TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
- D. PROVIDE OVERLOADS, SIZE AS REQUIRED BY DIVISION 23 CONTRACTOR.
- E. "AU" INDICATES CONTROL 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.

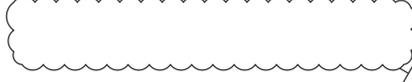
**MOTOR STARTER/CONTROLLER NOTES:**

- 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-O-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.



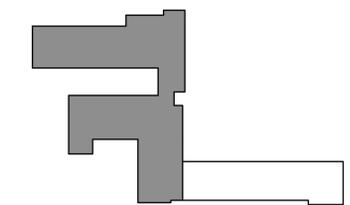
**DRAWING NOTES:**

- 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" CONDUIT FROM MDP FOR PANELBOARD LP2.
- PROVIDE (4)#4/0 AWG, (1)#4 AWG EGC IN 2-1/2" CONDUIT FROM ECB FOR PANELBOARD LP-2.



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

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



KEY PLAN



Architect:  
**Hamlin Design Group**  
915 Broadway, Suite 101A  
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Hazardous Material Consultant:



MEP Engineer:

**Engineered Solutions**  
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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

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Peekskill, NY 10566

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

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Peekskill, NY 10566

SED Project: 66-15-00-01-0-008-017  
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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: SDK  
ISSUE: 02/01/2021  
ADDENDUM NO. 1  
REV: 03/05/2021



DESCRIPTION  
First Floor Power Plan

**W-E.401.00**

**PANELBOARD SCHEDULE - LP-2**

LOCATION - STORAGE	SOURCE - ECB	MOUNTING - SURFACE	SE RATED <input type="checkbox"/>	FEED-THRU LUGS <input type="checkbox"/>
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HANGED TRIM <input type="checkbox"/>	SUB FEED LUGS <input type="checkbox"/>
KAIC - 10	DESIGN MAKE (SQUARE D) - NO	NEMA RATING - 1	COMPUTER GRAF <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			
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	DHU-1	40A/2P			4.5				20A/1P	TC	26
27									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 LUGS <input type="checkbox"/>
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HANGED TRIM <input type="checkbox"/>	SUB FEED LUGS <input type="checkbox"/>
KAIC - 10	DESIGN MAKE (SQUARE D) - NO	NEMA RATING - 1	COMPUTER GRAF <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			
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						



Architect:  
**Hamlin Design Group**  
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 Albany, New York 12207  
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Hazardous Material Consultant:



MEP Engineer:



Client:



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

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

**Middle School**

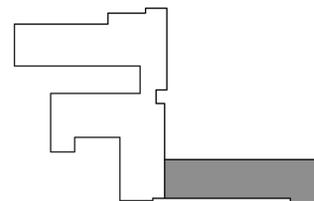
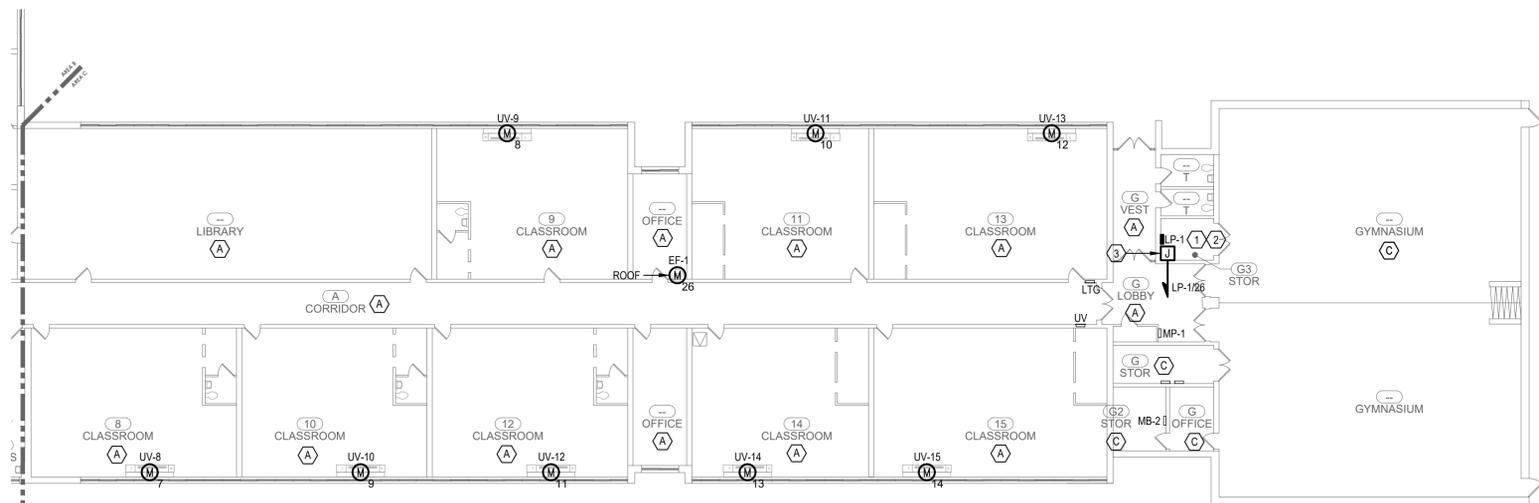
212 Ringgold St.,  
 Peekskill, NY 10566

**DRAWING NOTES:**

- COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN OF FEEDER AND PANELBOARD.
- PROVIDE (1)-#4@10 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)**

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

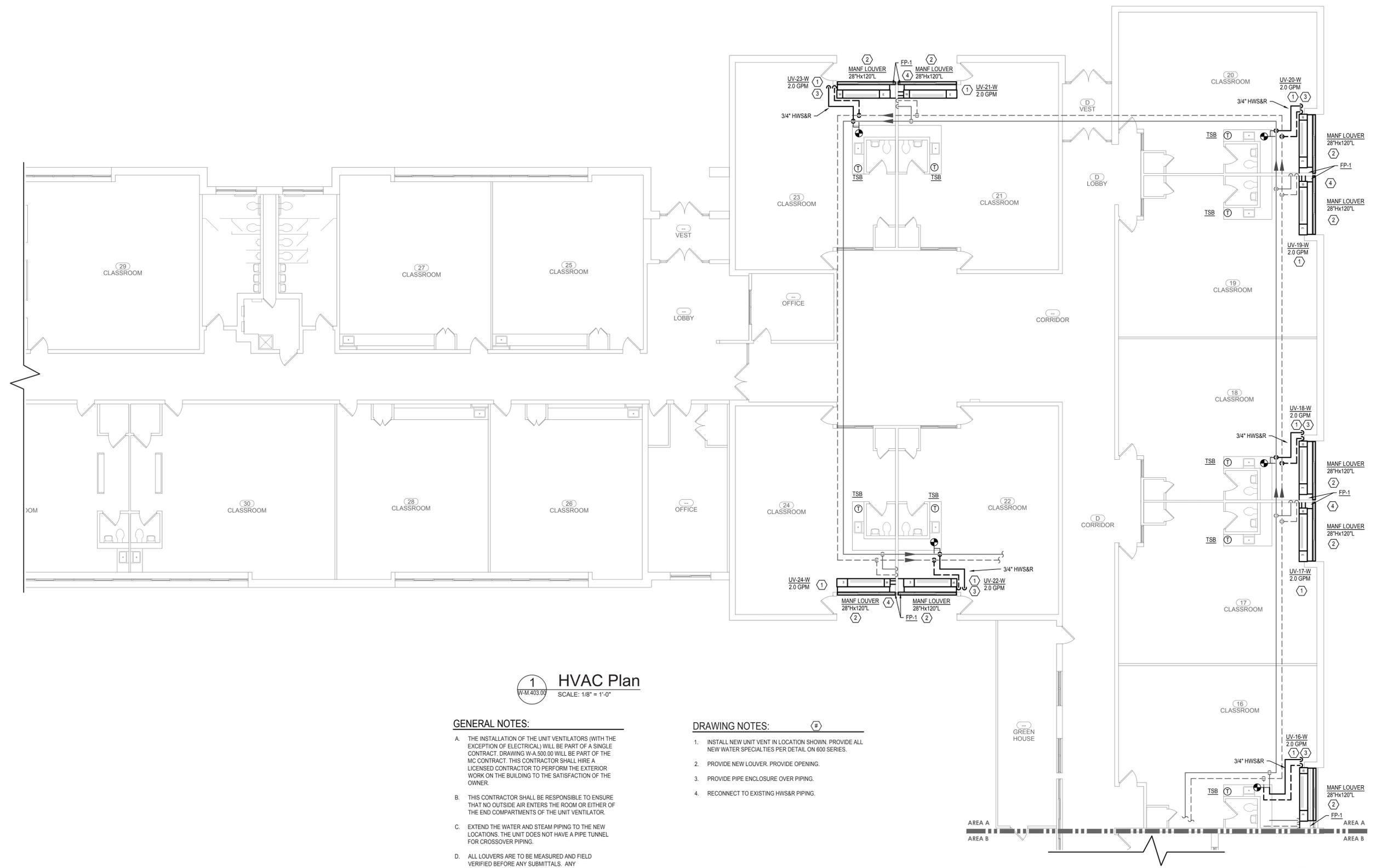
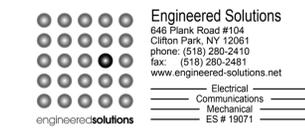
DRAWN BY: SDK  
 ISSUE: 02/01/2021

ADDENDUM NO. 1  
 REV: 03/05/2021



DESCRIPTION  
 First Floor Power Plan and Panelboard Schedules

**W-E.402.00**



**1 HVAC Plan**  
W-M.403.00 SCALE: 1/8" = 1'-0"

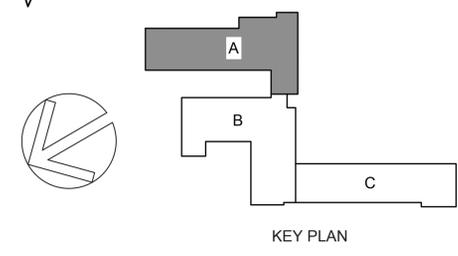
**GENERAL NOTES:**

- A. THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING WA.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.
- B. THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.
- C. EXTEND THE WATER AND STEAM PIPING TO THE NEW LOCATIONS. THE UNIT DOES NOT HAVE A PIPE TUNNEL FOR CROSSOVER PIPING.
- D. ALL LOUVERS ARE TO BE MEASURED AND FIELD VERIFIED BEFORE ANY SUBMITTALS. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.
- E. ALL UNIT VENT LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.
- F. LOUVERS ARE TO BE A DARK BRONZE COLOR AND NON-FLANGED.
- G. PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

H. CONTRACTOR TO CUT LOWER PART OF WINDOW SYSTEM (WITH LOUVER) OFF. AFTER NEW LOUVER IS INSTALLED, PROVIDE A 4" SECTION OF ALUMINUM TO COVER THE CUT EDGE AND THE TOP OF THE LOUVER. SECURE AND CAULK ALUMINUM EDGING TO EXISTING WINDOW AND NEW LOUVER. ALUMINUM TO MATCH LOUVER COLOR.

**DRAWING NOTES:**

- 1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
- 2. PROVIDE NEW LOUVER. PROVIDE OPENING.
- 3. PROVIDE PIPE ENCLOSURE OVER PIPING.
- 4. RECONNECT TO EXISTING HWS&R PIPING.





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 Fax: 518.320.8633  
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Hazardous Material Consultant:



MEP Engineer:

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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

DRAWN BY:  
 MLB

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



DESCRIPTION  
 First Floor HVAC Plan - Area C

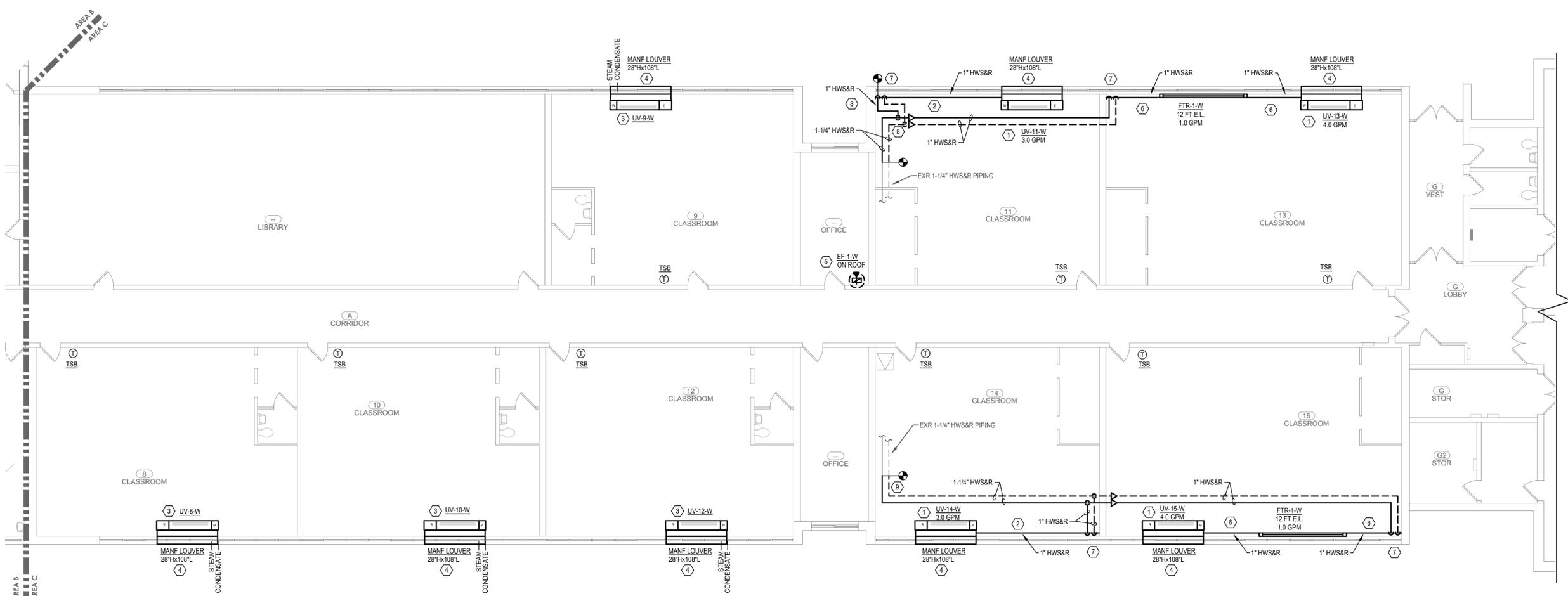
**W-M.405.00**

**GENERAL NOTES:**

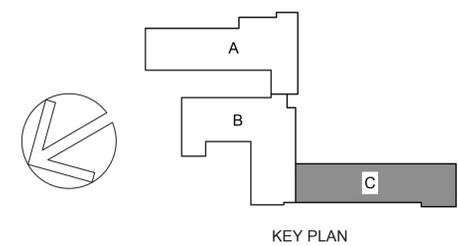
- A. THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING W-A.500.00 WILL BE PART OF THE MC CONTRACT. THIS CONTRACTOR SHALL HIRE A LICENSED CONTRACTOR TO PERFORM THE EXTERIOR WORK ON THE BUILDING TO THE SATISFACTION OF THE OWNER.
- B.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

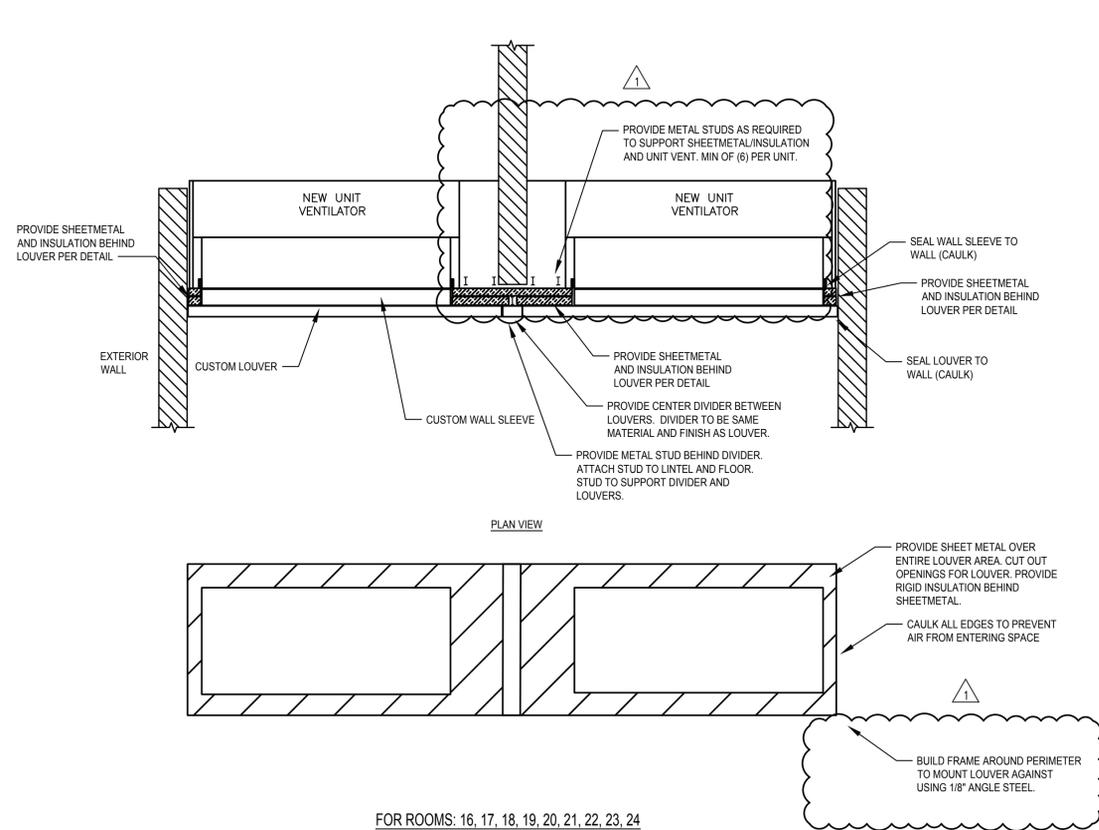
- 1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. CONNECT TO EXISTING HWS&R PIPING. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
- 2. PROVIDE STERLING FTR HORIZONTAL PIPE ENCLOSURE (NO LOUVERS) TO COVER PIPES STACKED ON WALL.
- 3. INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND 1" STEAM AND 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.
- 4. PROVIDE NEW LOUVER. PROVIDE OPENING.
- 5. 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.
- 6. FIN ENCLOSURE TO RUN FROM UNIT TO WALL.
- 7. PROVIDE PIPE ENCLOSURE OVER VERTICAL PIPING.
- 8. PROVIDE AIR VENT AT TOP OF PIPING, SUPPLY AND RETURN.



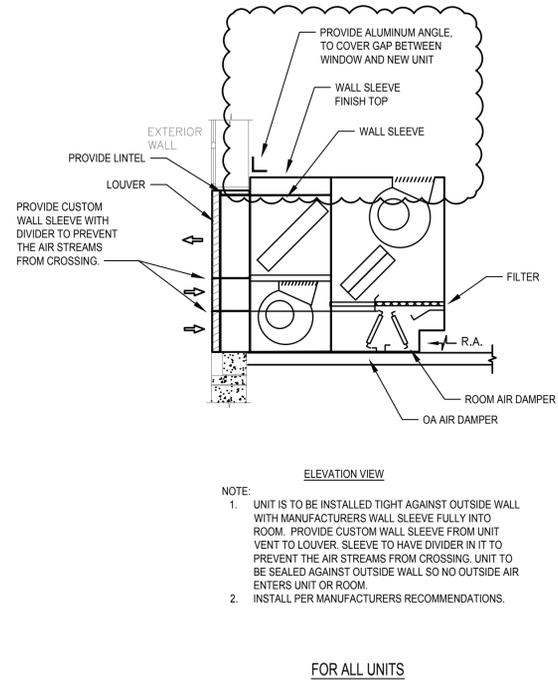
**1 HVAC Plan**  
 W-M.405.00 SCALE: 1/8" = 1'-0"



KEY PLAN

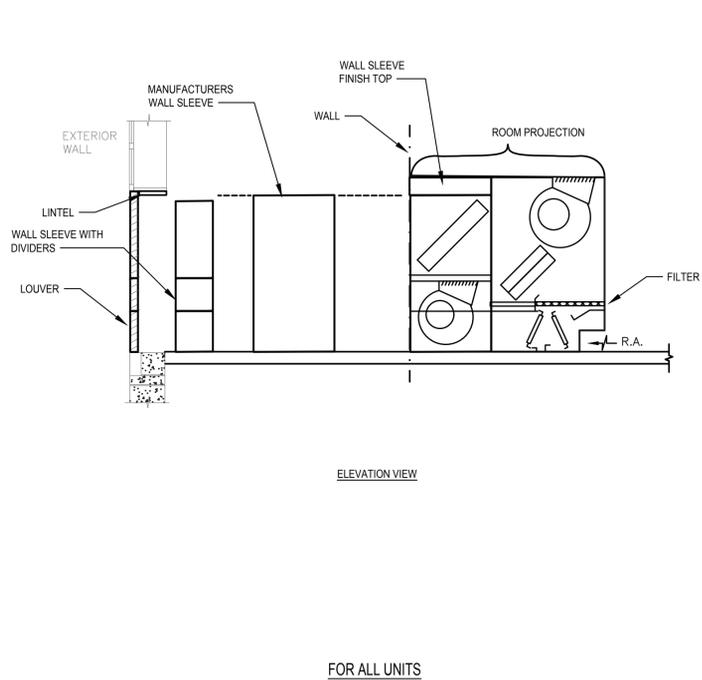


FOR ROOMS: 16, 17, 18, 19, 20, 21, 22, 23, 24



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

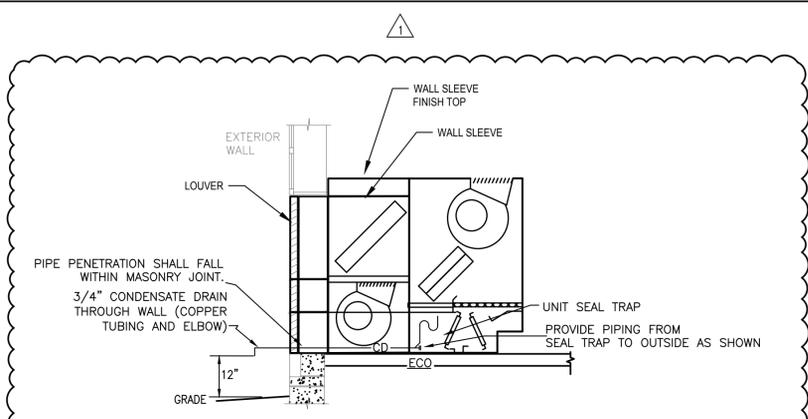
FOR ALL UNITS

**1 UNIT VENTILATOR DETAIL**

SCALE: NONE  
 GENERAL UNIT VENTILATOR INSTALLATION NOTES

- 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.
- 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.
- REFER TO PIPING DETAIL FOR WATER SPECIALTIES.
- 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.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE LOUVER
- 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.
- INSTALL PER MANUFACTURERS INSTRUCTIONS.

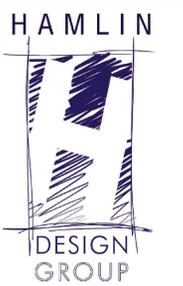
NOTE:  
 1. THE MC SHALL REMOVE AT LEAST (3) OF THE EXISTING LOUVERS, MEASURE THE WALL TO VERIFY THE WIDTH, HEIGHT AND DEPTH AND RE-INSTALL THE LOUVER AT THE START OF THE PROJECT BEFORE ANY SUBMITTALS HAVE BEEN SENT TO VERIFY WALL CONSTRUCTION AND WALL SLEEVE DEPTH. CONTRACTOR TO VERIFY ALL LOUVERS IN 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.



**2 UV CONDENSATE DRAINAGE PIPING DIAGRAM**

SCALE: NONE

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



Architect:  
**Hamlin Design Group**  
 915 Broadway, Suite 101A  
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Hazardous Material Consultant:



MEP Engineer:

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 648 Plank Road #104  
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 phone: (518) 280-2410  
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 www.engineered-solutions.net  
 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**  
 980 Pemart Ave.,  
 Peekskill, NY 10566

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

**Woodside Elementary**  
 612 Depew St.,  
 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:  
 MLB

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



DESCRIPTION  
 HVAC Details and Diagrams

**W-M.602.00**