

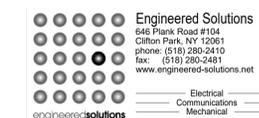


Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

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

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

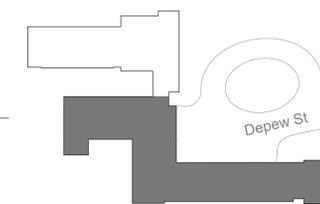
212 Ringgold St.,
 Peekskill, NY 10566

DRAWN BY:
 TG

ISSUE: 02/01/2021
 REV:

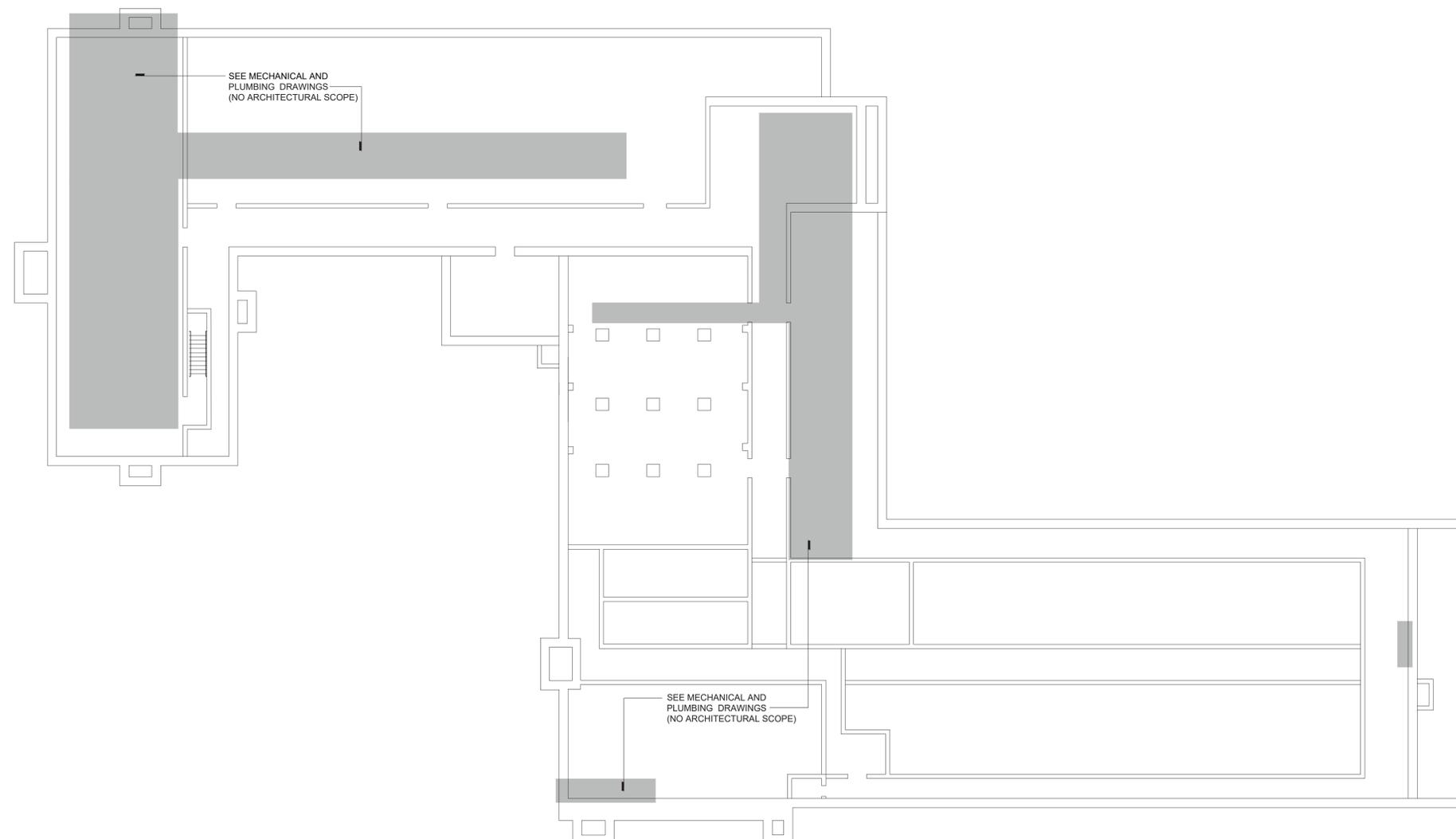


DESCRIPTION
 Basement Plan



WOODSIDE KEY PLAN

W-A.100.00



1 Woodside Elementary - Basement Floor Plan
 W-A-100 SCALE: NTS

LEGEND

- EXISTING WALL CONST. TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- AREA OF WORK (SEE ELECTRICAL, MECHANICAL, AND PLUMBING FOR ADDITIONAL DETAILS)
- REFERENCE PHOTO

GENERAL REMOVAL NOTES

- R1. ALL WALL, FLOORING, & CLG. SURFACES TO REMAIN WHICH ARE DAMAGED DURING REMOVALS SHALL BE REPAIRED TO MATCH SURROUNDING MATERIALS & PREPARED READY FOR APPLICATION OF REQ'D FINISHES. PROVIDE MATERIALS TO MATCH EXIST. MATERIALS & SURFACES "IN-KIND". THIS INCLUDES BUT NOT LIMITED TO REPLACEMENT OF FINISH MATLS, DRYWALL CONST., MASONRY, & MASONRY REPAIRS, TAPING, SANDING, & PAINTING ETC.
- R2. DIMENSIONED REMOVALS ARE FOR GENERAL INFORMATIONAL PURPOSES ONLY. COORDINATE EXACT EXTENT OF ALL REMOVALS AND MODIFICATIONS W/ CONST.
- R3. WHERE REMOVALS OF MASONRY OCCURS, TOOTH IN MASONRY TO MATCH EXIST. COURSING & CONST. MATCH EXIST. MASONRY MATLS. USE SALVAGED MASONRY FOR PATCHING & REPAIR.
- R4. AT ALL MASONRY OPENINGS OF REMOVALS PROVIDE TEMPORARY SHORINGS TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING CONST.
- R5. SEE MECHANICAL, ELECTRICAL, AND PLUMBING FOR ADDITIONAL REMOVALS.
- R6. CONTRACTOR SHALL PROVIDE PROTECTION OVER EXISTING FLOORING SYSTEMS AT ALL TIMES UNLESS FLOORING IS SCHEDULED FOR REMOVAL.
- R7. HAZARDOUS MATERIAL SHALL BE REMEDIATED BY CERTIFIED HAZARDOUS MATERIAL CONTRACTOR. COORDINATE ALL WORK WITH HAZARDOUS MATERIAL DOCUMENTS.

KEYED REMOVAL NOTES

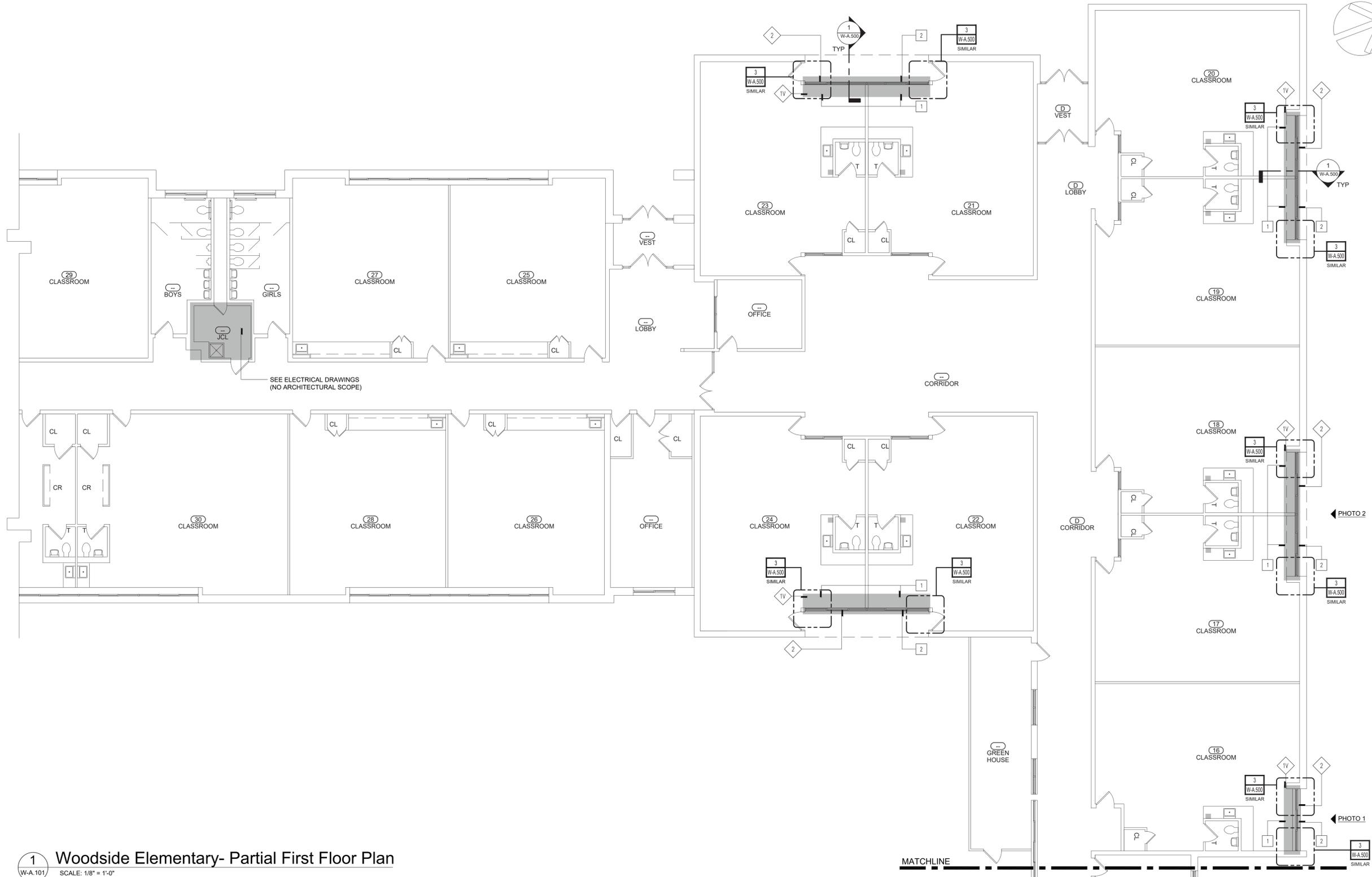
- REMOVE EXISTING VINYL TILE FINISH FLOORING & CONCEALED FLOORING MATERIALS COMPLETE, INCLUDING BUT NOT LIMITED TO ADHESIVES, AS REQUIRED FOR INSTALLATION OF NEW UNIT VENT.
- REMOVE WALL CONST. AS REQUIRED FOR INSTALLATION OF NEW UNIT VENT AND LOUVER. SEE MECHANICAL DRAWINGS.
- REMOVE EXISTING CEILING SYSTEM COMPLETE, INCLUDING SUSPENSION WIRES, ANCHORS, CLIPS, FASTENERS, CHANNELS, ETC. (V.I.F.) SALVAGE EXISTING CEILING TILES, LIGHT FIXTURES, SMOKE DETECTORS, SECURITY CAMERAS, AND SPEAKERS.
- REMOVE AND SALVAGE EXISTING WINDOW SASH AS REQUIRED FOR INSTALLATION OF NEW UNIT VENT. SEE MECHANICAL DRAWINGS.
- REMOVE AIR CONDITIONER WINDOW UNIT AND PANEL. RETURN TO OWNER

GENERAL PLAN NOTES

- G1. ALL DIMENSIONS ARE TO FINISH FACE AT EXISTING CONST. AND UNIT MASONRY CONSTRUCTION AND TO FACE OF FRAMING AT DRYWALL CONSTRUCTION UNLESS OTHERWISE NOTED.
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- PAINT ENTIRE WALL BELOW WINDOW UNITS TO MATCH EXISTING ROOM COLOR AND FINISH.



1 Woodside Elementary- Partial First Floor Plan
 W-A-101 SCALE: 1/8" = 1'-0"

LEGEND

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- EXISTING DOOR AND FRAME TO REMAIN
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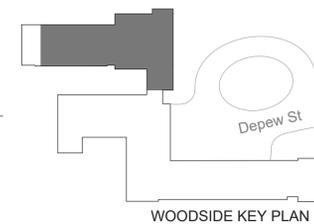
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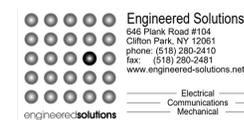


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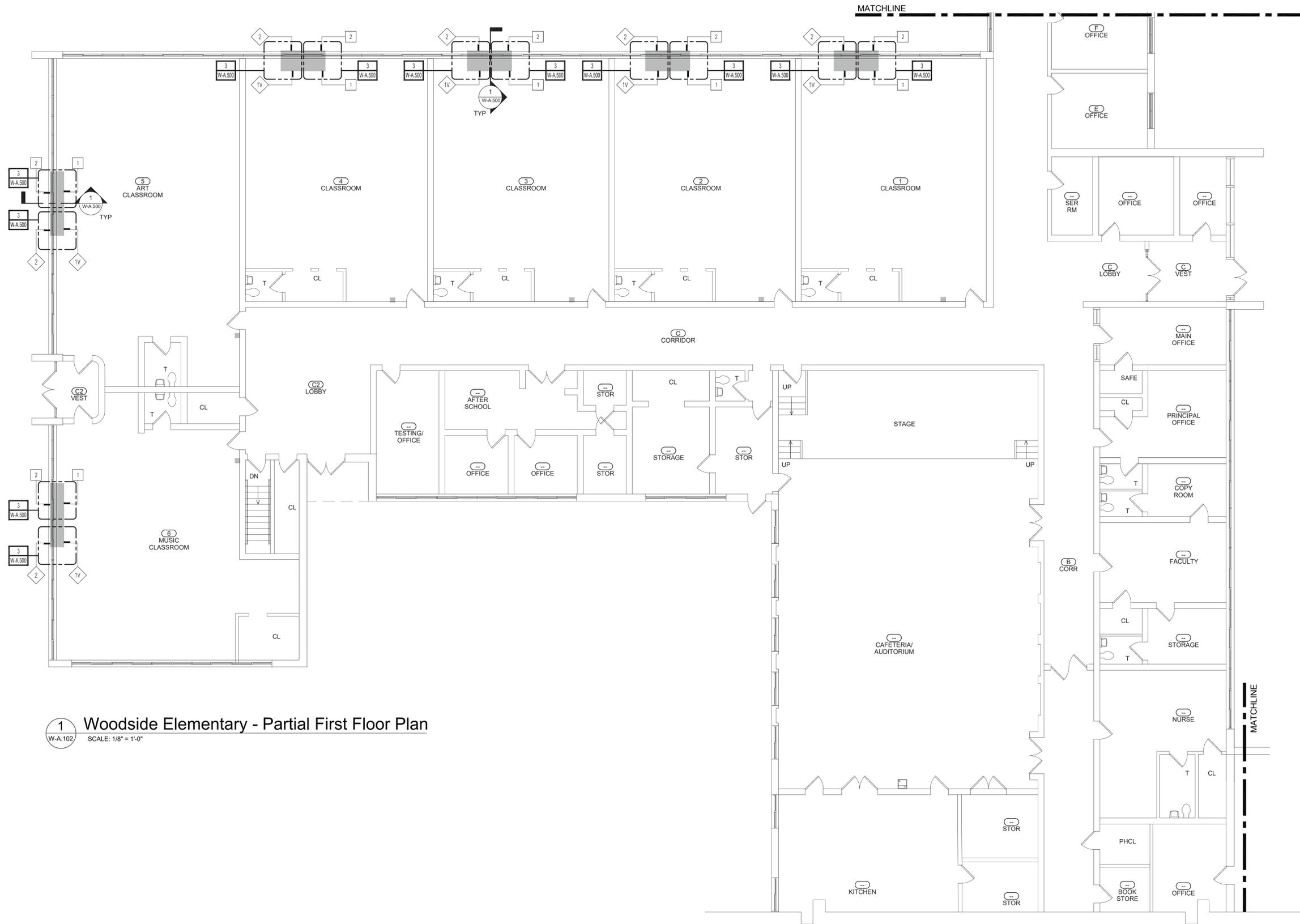
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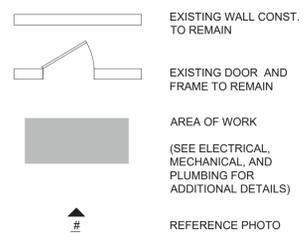
DESCRIPTION
 Partial First Floor Plan

W-A.101.00



1 Woodside Elementary - Partial First Floor Plan
 W-A.102 SCALE: 1/8" = 1'-0"

LEGEND



GENERAL REMOVAL NOTES

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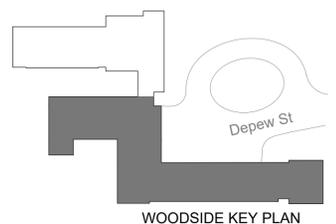
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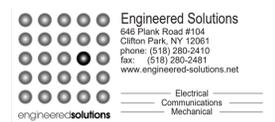


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Middle School
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DRAWN BY: TG
 ISSUE: 02/01/2021
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DESCRIPTION
 Partial First Floor Plan

W-A.102.00



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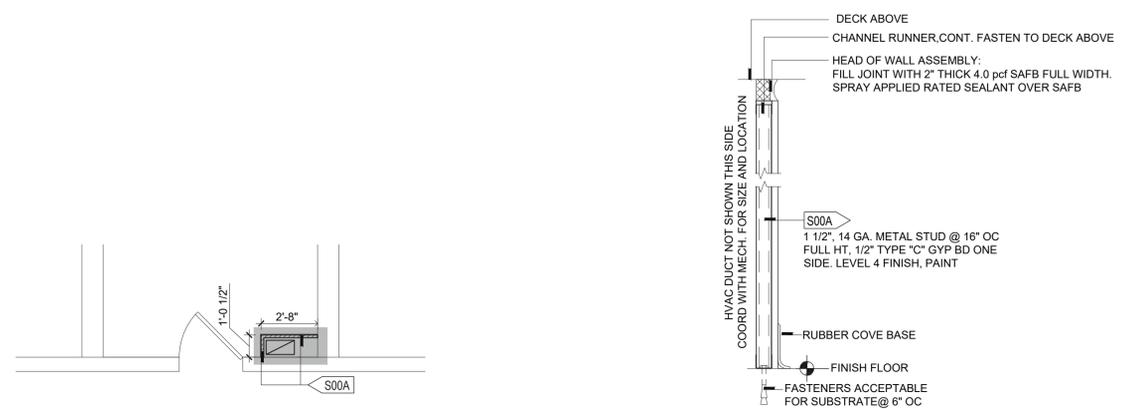
Middle School
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 Peekskill, NY 10566

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DESCRIPTION
 Partial First Floor Plan

W-A.103.00



2 Enlarged Plan - Duct Chase
 W-A.103 SCALE: 1/4" = 1'-0"

3 Wall Type S00A
 W-A.103 SCALE: 1 1/2" = 1'-0"



1 Woodside Elementary - Partial First Floor Plan
 W-A.103 SCALE: 1/8" = 1'-0"

LEGEND

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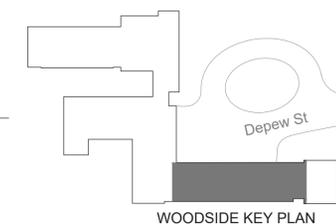
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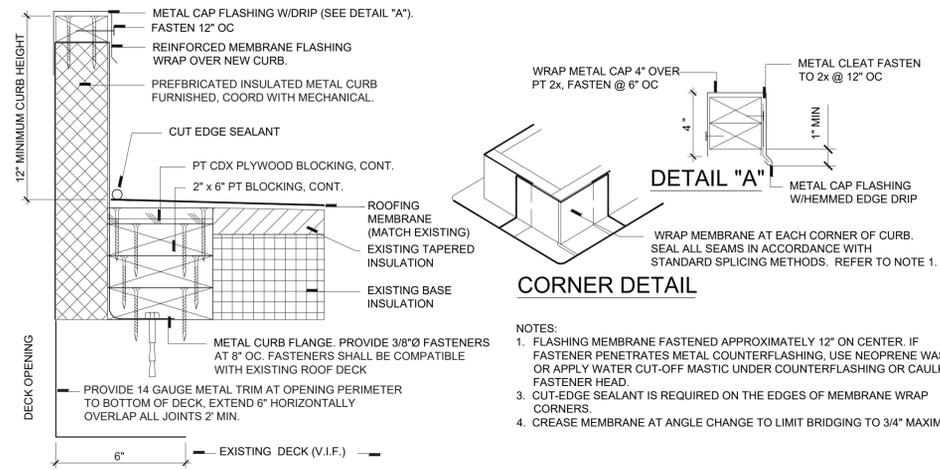
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4 Woodside Elementary - Roof Curb Detail
W-A.500 SCALE: 1 1/2" = 1'-0"

3 Woodside Elementary - Typical Jamb Detail at Unit Vent
W-A.500 SCALE: 1 1/2" = 1'-0"

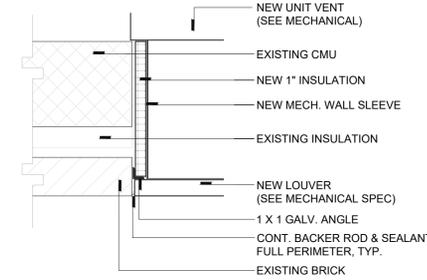


PHOTO 1



PHOTO 2



PHOTO 3



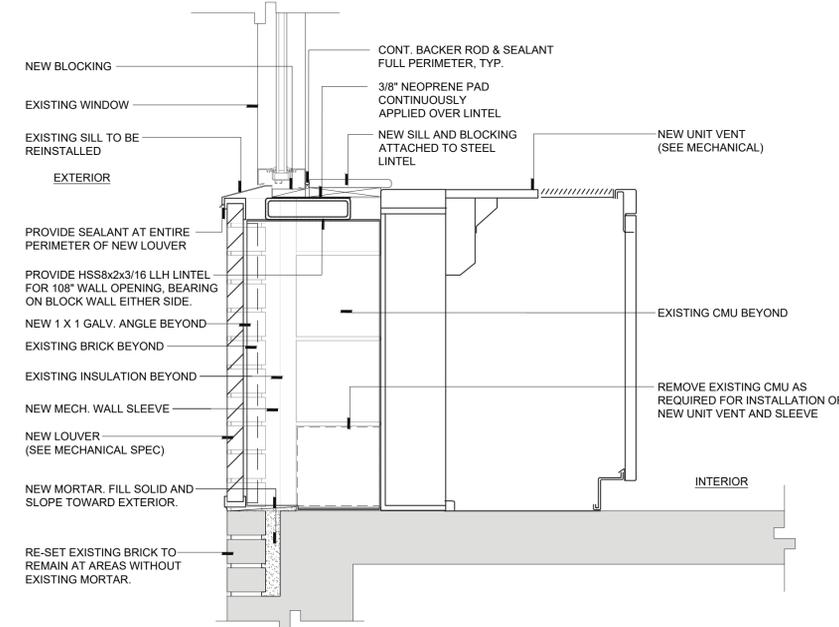
PHOTO 4

NEW LOUVER TO EXTEND ENTIRE LENGTH OF EXISTING WINDOW UNIT. MATCH COLOR AND PROFILE OF EXISTING (DARK ANODIZED).

NEW LOUVER TO EXTEND ENTIRE LENGTH OF EXISTING WINDOW UNITS. MATCH COLOR AND PROFILE OF EXISTING (DARK ANODIZED).

NEW 108\"/>

NEW 108\"/>



1 Woodside Elementary - Typical Wall Detail at Unit Vent
W-A.500 SCALE: 1 1/2" = 1'-0"

2 Woodside Elementary - Reference Photos
W-A.500 SCALE: NTS



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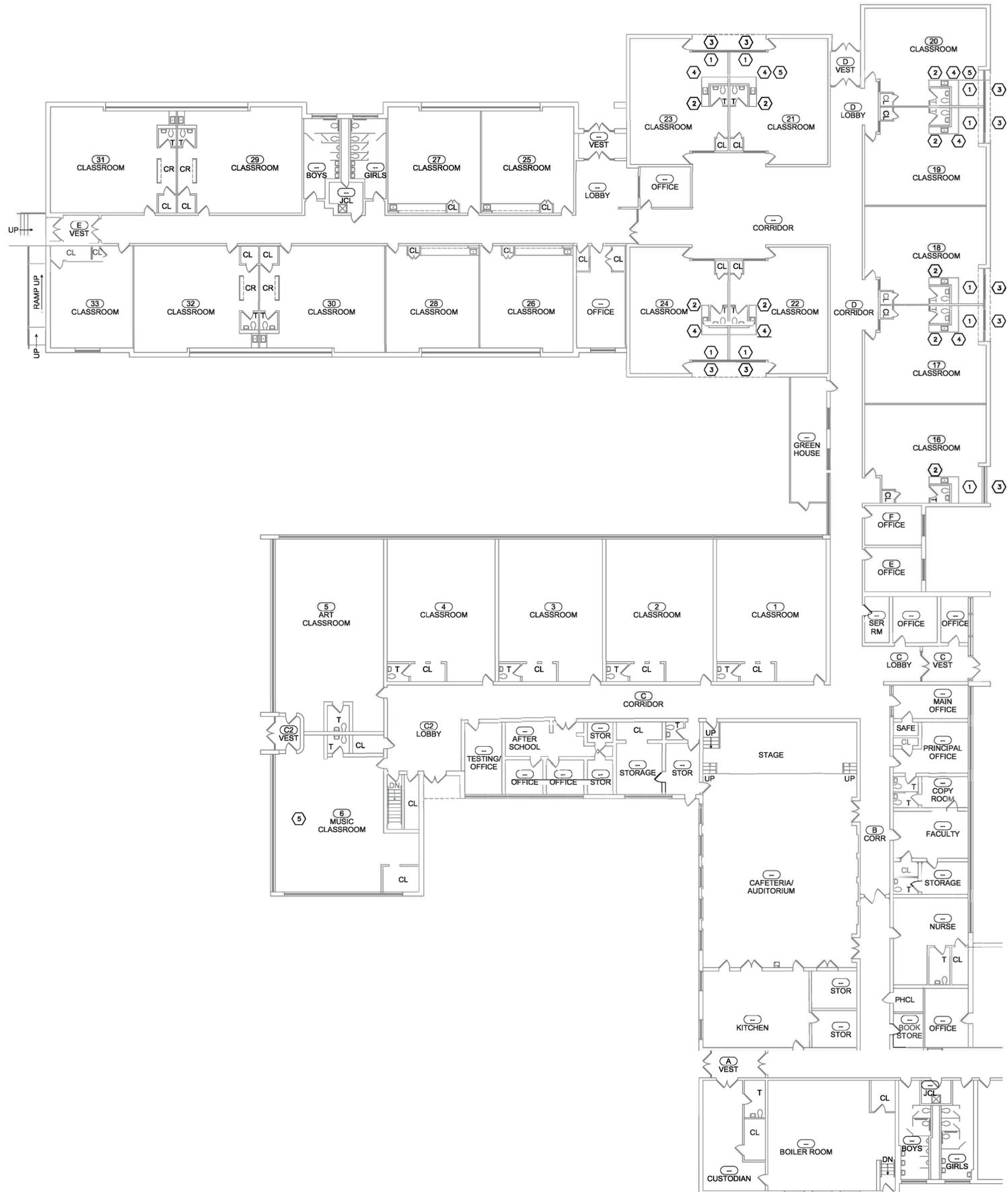
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DESCRIPTION
Details

W-A.500.00



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 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.
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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.
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- ④ 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.
- ⑤ ASBESTOS CONTAINING FLOOR TILE MASTIC IS PRESENT IN THIS ROOM. CAUTION MUST BE TAKEN WHEN REMOVING AND INSTALLING THE UNIT VENTILATORS TO NOT DISTURB THIS MATERIAL.



Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

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

Oakside Elementary
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Middle School
 212 Ringgold St.,
 Peekskill, NY 10566

DRAWN BY: K.I

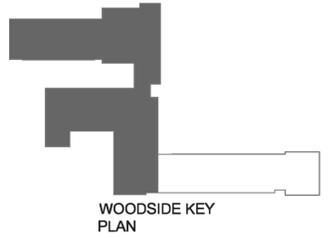
ISSUE: 12/20/201



DESCRIPTION
 Existing First Floor Hazardous Materials Plan

W-H.101.00

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



GENERAL REMOVAL NOTES

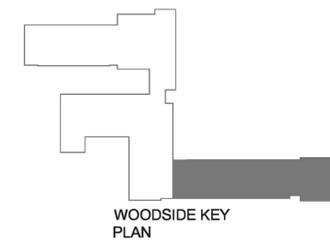
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1 Woodside Elementary - Partial Existing First Floor Plan
 WH.102.00 SCALE: 1/16" = 1'-0"

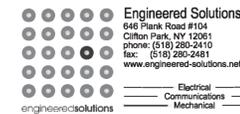


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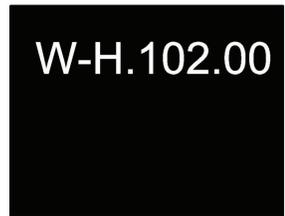
212 Ringgold St.,
 Peekskill, NY 10566

DRAWN BY: KJ ISSUE: 12/20/201

KJ



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
D-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

- M MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
- NF NON-FUSED DISCONNECT NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
- FD FUSED DISCONNECT
- ECB ENCLOSED CIRCUIT BREAKER
- ESM EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
- SM SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
- PNL PNL 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

- R REMOVAL NOTE
- I INSTALLATION NOTE
- OFF 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.
- TS TOGGLE SWITCHES 48"
 - RO RECEPTACLE OUTLETS 18"
 - RO RECEPTACLE OUTLETS ABOVE HOT WATER OR STEAM BASEBOARD HEATERS 30"
 - RO RECEPTACLE OUTLETS, HAZARDOUS LOCATIONS 48"
 - RO RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE 24"
 - RO CLOCKS, CLOCK 90"
 - RO BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX 72"
 - RO DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS 48"

ABBREVIATIONS

- A AMPERE
- AC ABOVE COUNTER
- AF 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
- 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
- DP DRINKING FOUNTAIN
- DPST DOUBLE POLE, SINGLE THROW
- DPST DOUBLE POLE, DOUBLE THROW
- EBB ELECTRIC BASEBOARD
- EC ELECTRICAL CONTRACTOR
- EG EQUIPMENT GROUND
- 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
- (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
- 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
- GRND 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
- 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 NON-FUSED
- NT 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
- Ø PHASE
- PH PHASE
- P POLE
- PL PILOT LIGHT
- PLUGM PLUG-MOLD
- PP POWER PANEL
- PWR POWER
- RVNR REDUCED VOLTAGE, NON-REVERSING
- RM ROOM
- RMS ROOM 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
- TRYP TYPICAL
- TEMP 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



Architect:
Hamlin Design Group
915 Broadway, Suite 101A
Albany, New York 12207
Tel: 518.724.5159
Fax: 518.320.8633
Web: hamlindesigngroup.com

Hazardous Material Consultant:



MEP Engineer:



Client:



Peekskill City School District
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Peekskill, NY 10566

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

Oakside Elementary

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Middle School

212 Ringgold St.,
Peekskill, NY 10566

DRAWN BY:

SDK

ISSUE: 02/01/2021

REV:



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	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
18	UV-19	CLASSROOM 19	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
19	UV-20	CLASSROOM 20	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
20	UV-21	CLASSROOM 21	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
21	UV-22	CLASSROOM 22	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
22	UV-23	CLASSROOM 23	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
23	UV-24	CLASSROOM 24	-	-	3 208	LP-3	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"	-	-	-	-	-	-	-	-
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	-	-	-	-
25	DHU-2	CRAWL SPACE	-	-	1 208	LP-3	40A/2P	(2)-#8, (1)-#10 EGC IN 3/4"	(2)-#8, (1)-#10 EGC IN 3/4"	60	NF	1	-	-	-	-
26	EF-1	ROOF	1/4	-	1 120	LP-1	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"	-	-	-	-	-	-	-	-

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.

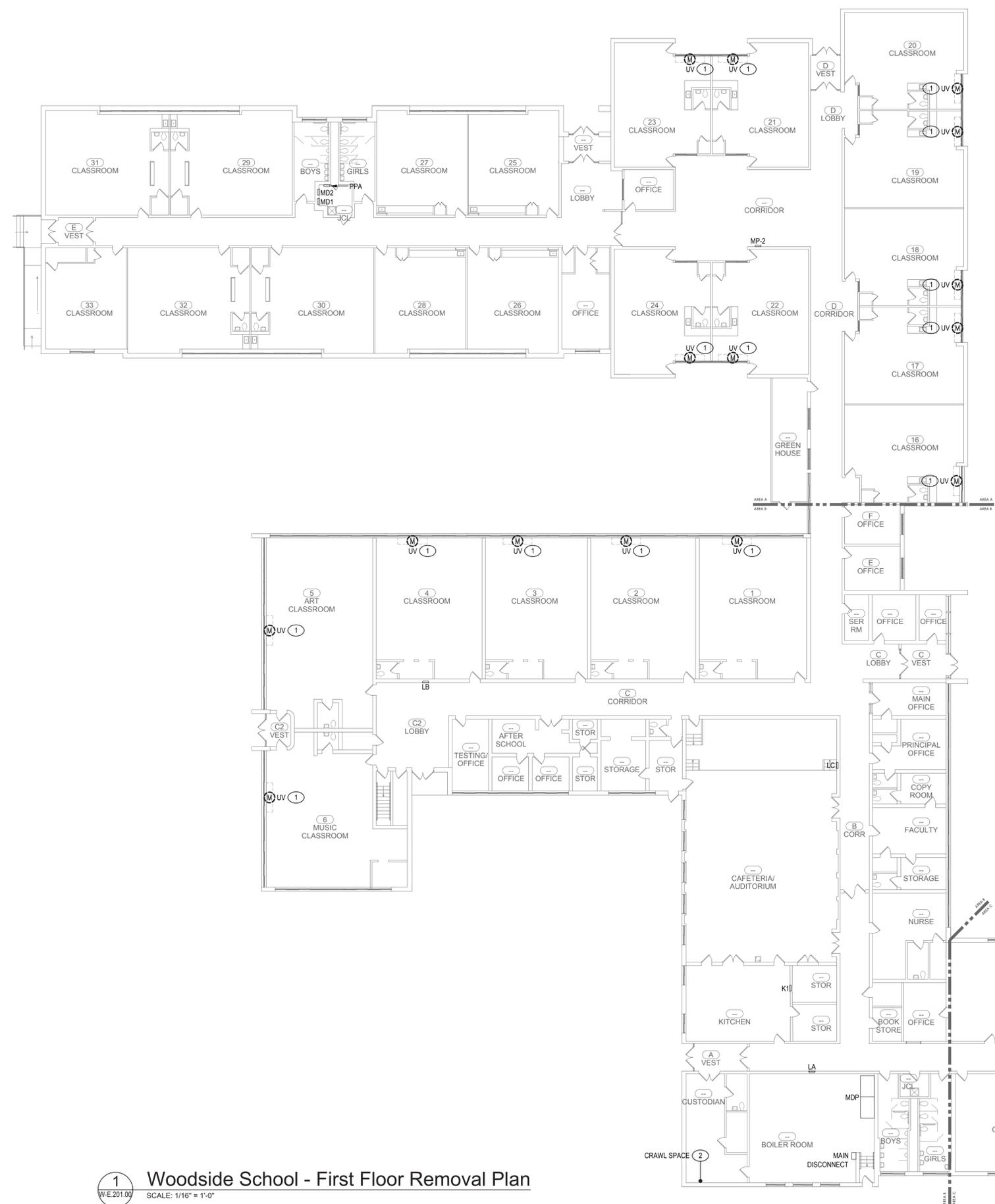
MOTOR STARTER/CONTROLLER NOTES:

- 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.

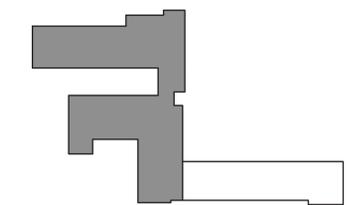


REMOVAL NOTES:

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY.
2. REMOVE & REINSTALL GROUNDING ELECTRODE CONDUCTOR AS REQUIRED TO ACCOMMODATE WATER SERVICE REPLACEMENT.



1 Woodside School - First Floor Removal Plan
 W-E.201.00 SCALE: 1/16" = 1'-0"



KEY PLAN



Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

Hazardous Material Consultant:



MEP Engineer:

Engineered Solutions
 648 Plank Road #104
 Clifton Park, NY 12061
 phone: (518) 280-2410
 fax: (518) 280-2481
 www.engineered-solutions.net

Electrical
 Communications
 Mechanical
 ES # 19071

Client:



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 Peekskill, NY 10566

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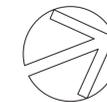
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DESCRIPTION
 First Floor Removal Plan

W-E.201.00



REMOVAL NOTES: ○

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY.



Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
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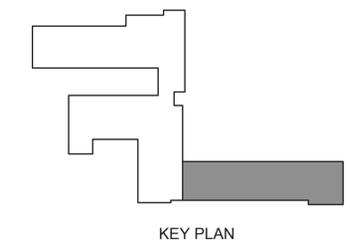
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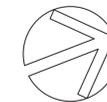
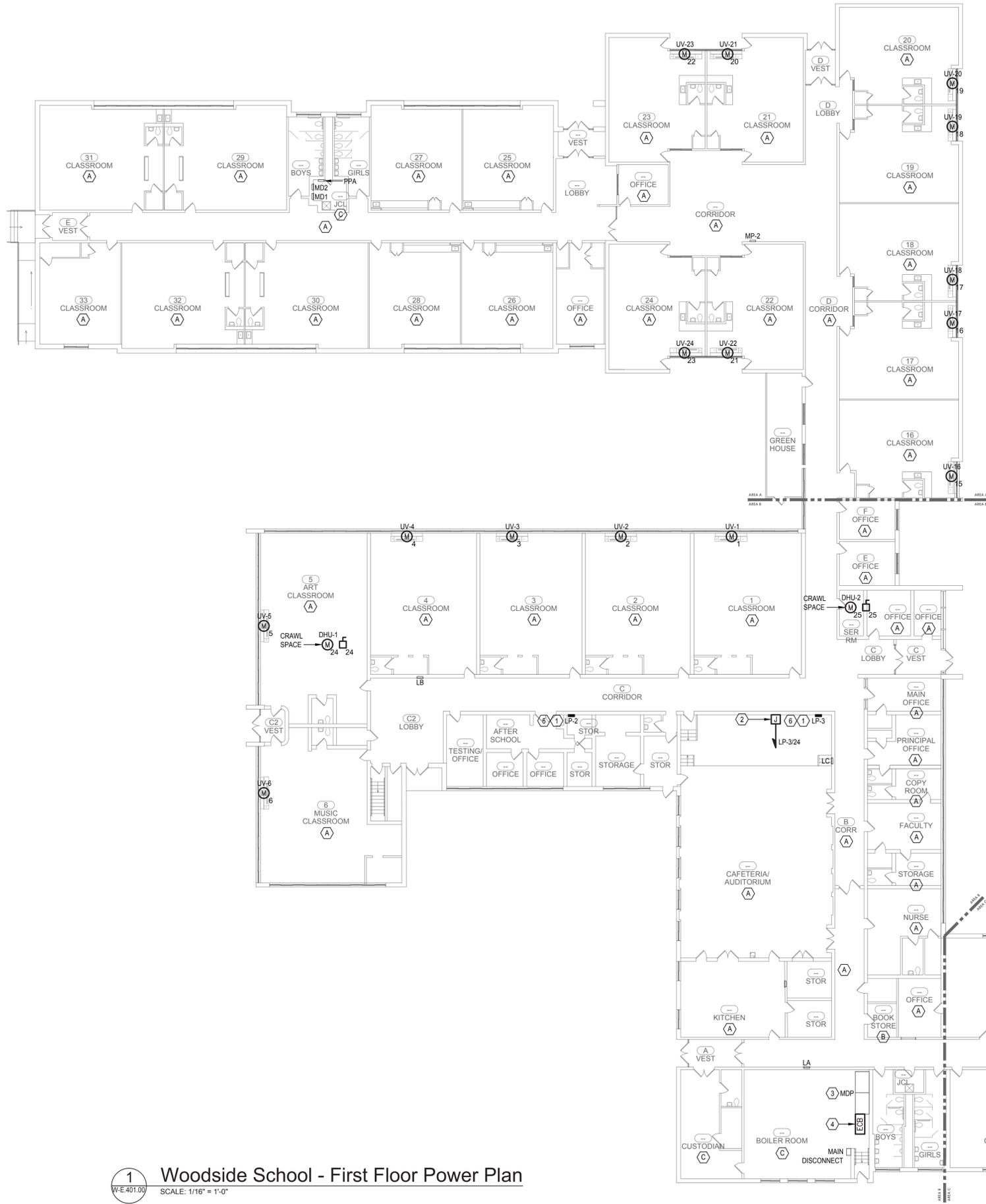
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DESCRIPTION
 First Floor Removal Plans



1 Woodside School - First Floor Removal Plan (con't)
 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" 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.
- PROVIDE (4)#3/0 AWG, (1)#6 AWG EGC IN 2" CONDUIT FOR PANELBOARD LP3. PROVIDE (1)200A, 3-POLE BRANCH CIRCUIT BREAKER "EATON PRL4B" SERIES IN MDP FOR PANELBOARD LP-3.

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

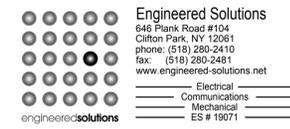


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 915 Broadway, Suite 101A
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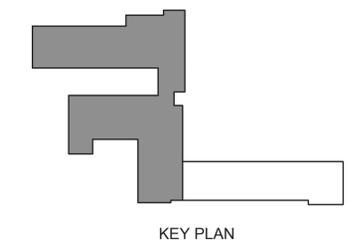
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DESCRIPTION
 First Floor Power Plan

W-E.401.00

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



KEY PLAN

PANELBOARD SCHEDULE - LP-3													
LOCATION - STAGE		SOURCE - MDP		MOUNTING - SURFACE				SE RATED <input type="checkbox"/>		FEED-THRU LVIS <input type="checkbox"/>			
RATING (AMPS) - 225A MLO		VOLTAGE - 208Y/120V		PHASE/WIRE - 3-PHASE/4-WIRE				HANGED TRM <input type="checkbox"/>		SUB FEED LVIS <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-18	40A/3P			8.7			8.7			4		
5											6		
7											8		
9	UV-20	40A/3P			8.7			8.7			10		
11											12		
13											14		
15	UV-22	40A/3P			8.7			8.7			16		
17											18		
19											20		
21	UV-24	40A/3P			8.7			4.5			22		
23											24		
25	SPARE	20A/1P									26		
27	SPARE	20A/1P									28		
29	SPARE	20A/1P									30		
31	SPARE	20A/1P									32		
33	SPARE	20A/1P									34		
35	SPARE	20A/1P									36		
37	SPARE	20A/1P									38		
39	SPARE	20A/1P									40		
41	SPARE	20A/1P									42		
43	SPARE	20A/1P									44		
45	SPARE	20A/1P									46		
47	SPARE	20A/1P									48		
LEFT SIDE SUB-TOTAL			-	-	35	-	-	31	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	66	-	-	-	-	-			
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	53	-	-	-	-	-			
TOTAL KVA			53										
TOTAL AMPS			147										

PANELBOARD SCHEDULE - LP-2													
LOCATION - STORAGE		SOURCE - ECB		MOUNTING - SURFACE				SE RATED <input type="checkbox"/>		FEED-THRU LVIS <input type="checkbox"/>			
RATING (AMPS) - 225A MLO		VOLTAGE - 208Y/120V		PHASE/WIRE - 3-PHASE/4-WIRE				HANGED TRM <input type="checkbox"/>		SUB FEED LVIS <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			4		
5											6		
7											8		
9	UV-3	40A/3P			8.7			8.7			10		
11											12		
13											14		
15	UV-5	40A/3P			8.7			8.7			16		
17											18		
19											20		
21	UV-16	40A/3P			8.7			8.7			22		
23											24		
25	DHU-1	40A/2P			4.5						26		
27											28		
29	SPARE	20A/1P									30		
31	SPARE	20A/1P									32		
33	SPARE	20A/1P									34		
35	SPARE	20A/1P									36		
37	SPARE	20A/1P									38		
39	SPARE	20A/1P									40		
41	SPARE	20A/1P									42		
43	SPARE	20A/1P									44		
45	SPARE	20A/1P									46		
47	SPARE	20A/1P									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 LVIS <input type="checkbox"/>			
RATING (AMPS) - 225A MLO		VOLTAGE - 208Y/120V		PHASE/WIRE - 3-PHASE/4-WIRE				HANGED TRM <input type="checkbox"/>		SUB FEED LVIS <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			4		
5											6		
7											8		
9	UV-10	40A/3P			8.7			8.7			10		
11											12		
13											14		
15	UV-12	40A/3P			8.7			8.7			16		
17											18		
19											20		
21	UV-14	40A/3P			8.7			8.7			22		
23											24		
25	EF-1	15A/1P			.5						26		
27	SPARE	20A/1P									28		
29	SPARE	20A/1P									30		
31	SPARE	20A/1P									32		
33	SPARE	20A/1P									34		
35	SPARE	20A/1P									36		
37	SPARE	20A/1P									38		
39	SPARE	20A/1P									40		
41	SPARE	20A/1P									42		
43	SPARE	20A/1P									44		
45	SPARE	20A/1P									46		
47	SPARE	20A/1P									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
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

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

Oakside Elementary
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 HDG Project: 204

Middle School
 212 Ringgold St.,
 Peekskill, NY 10566

DRAWN BY:
 SDK

ISSUE: 02/01/2021
 REV:



DESCRIPTION
 First Floor Power Plan and Panelboard Schedules

W-E.402.00

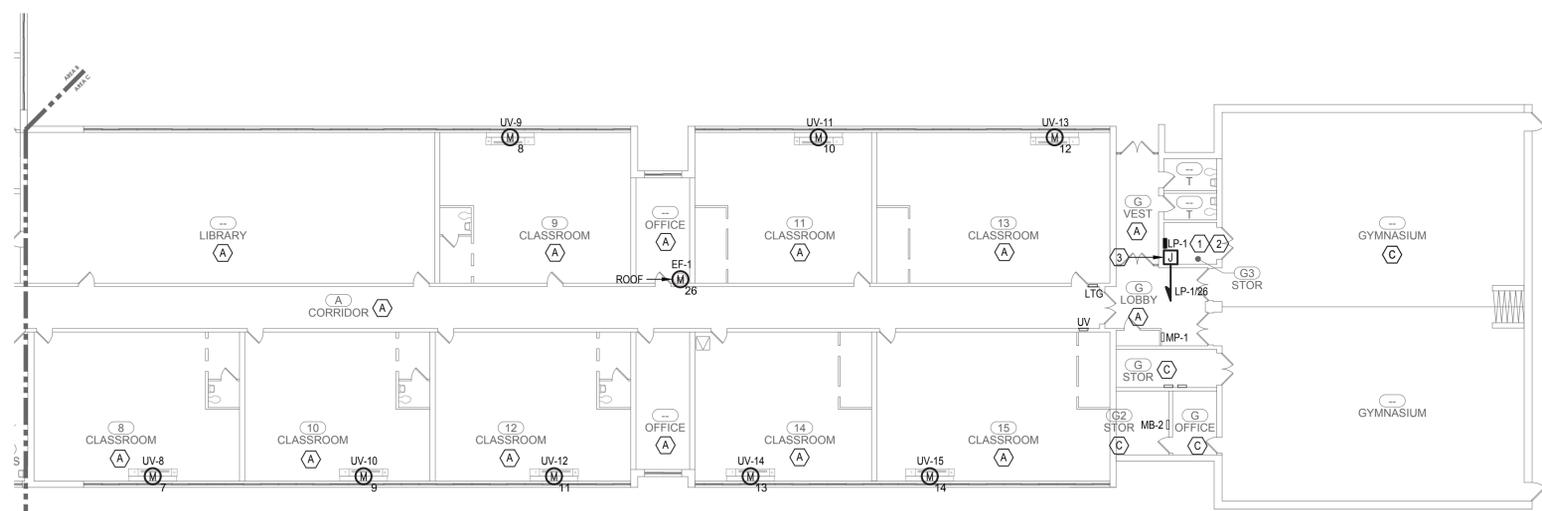


DRAWING NOTES:

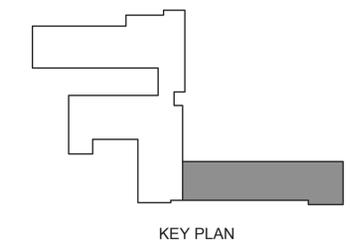
- COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN OF FEEDER AND PANELBOARD.
- PROVIDE (4) #4 @ 10" O.C. (1) #4 AWG EGC IN 2-1/2" C FOR PANELBOARD LP-1. CONNECT TO SPARE 200A, 3-POLE BRANCH CIRCUIT BREAKER IN MDP.
- PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE 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



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



KEY PLAN

UNIT VENTILATOR SCHEDULE																										
TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			HYDRONIC PERFORMANCE								COOLING PERFORMANCE						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	VOLT	PHASE	MCA	MAX FUSE
UV-11-W	CLASSROOM	FLOOR	HIGH	1500	448	81	49	100	180	125.8	3.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-13-W	CLASSROOM	FLOOR	HIGH	1500	797	104	35	100	180	127.8	4.0	3.5	HW	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-14-W	CLASSROOM	FLOOR	HIGH	1500	445	81	49	100	180	139.4	3.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-15-W	CLASSROOM	FLOOR	HIGH	1500	797	104	35	100	180	127.8	4.0	3.5	HW	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-16-W	CLASSROOM	FLOOR	HIGH	1350	440	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-17-W	CLASSROOM	FLOOR	HIGH	1350	443	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-18-W	CLASSROOM	FLOOR	HIGH	1350	440	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-19-W	CLASSROOM	FLOOR	HIGH	1350	441	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-20-W	CLASSROOM	FLOOR	HIGH	1500	441	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-21-W	CLASSROOM	FLOOR	HIGH	1350	439	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-22-W	CLASSROOM	FLOOR	HIGH	1350	440	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-23-W	CLASSROOM	FLOOR	HIGH	1500	440	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8
UV-24-W	CLASSROOM	FLOOR	HIGH	1350	441	75	48	100	180	104.4	2.0	3.5	HW	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8

- REMARKS:
1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.
 2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.
 3. PROVIDE UNIT WITH FACE AND BYPASS.
 4. PROVIDE ANTIQUE IVORY COLOR.
 5. UNIT TO COME WITH FACTORY MICROTECH CONTROLLER.
 6. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.
 7. PROVIDE SS DRAIN PAN.
 8. PROVIDE MANUFACTURERS WALL SLEEVE.

STEAM UNIT VENTILATOR SCHEDULE																							
TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			STEAM PERFORMANCE					COOLING PERFORMANCE						MANUFACTURER & MODEL NO.	NOTES					
			FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	STEAM PRESSURE (PSI)	E.A.T. (°F)	L.A.T. (°F)	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE	REFRIGERANT			VOLT	PHASE	MCA	MAX FUSE	
UV-1-W	CLASSROOM	FLOOR	HIGH	1500	787	101	2	32	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-2-W	CLASSROOM	FLOOR	HIGH	1500	770	101	2	32	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-3-W	CLASSROOM	FLOOR	HIGH	1500	743	101	2	32	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-4-W	CLASSROOM	FLOOR	HIGH	1500	784	101	2	32	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-5-W	CLASSROOM	FLOOR	HIGH	1500	1061	121	2	19	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-6-W	CLASSROOM	FLOOR	HIGH	1500	881	108	2	28	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-8-W	CLASSROOM	FLOOR	HIGH	1500	465	77	2	46	95	3	48	32	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-9-W	CLASSROOM	FLOOR	HIGH	1500	454	77	2	43	95	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-10-W	CLASSROOM	FLOOR	HIGH	1500	450	77	2	43	95	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	
UV-12-W	CLASSROOM	FLOOR	HIGH	1500	458	77	2	43	95	3	42	37	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN - AZQ 054	1,2,3,4,5,6,7,8	

- REMARKS:
1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.
 2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.
 3. PROVIDE UNIT WITH STEAM CONTROL VALVE.
 4. PROVIDE ANTIQUE IVORY COLOR.
 5. UNIT TO COME WITH FACTORY MICROTECH CONTROLLER.
 6. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.
 7. PROVIDE SS DRAIN PAN.
 8. PROVIDE MANUFACTURERS WALL SLEEVE.

DEHUMIDIFICATION UNIT SCHEDULE																				
TAG	SERVICE	SUPPLY AIRFLOW (CFM)	MOISTURE REMOVAL (LB/HR)	EXTERNAL STATIC PRESSURE	OUTDOOR AIR (RH BELOW 50%)	COOLING				ELECTRICAL DATA					MAXIMUM WEIGHT (LBS.)	MAXIMUM DIMENSIONS LxWxH (IN.)	MANUFACTURER & MODEL NO.	REMARKS		
						TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	REHEAT CAPACITY (MBH)	EER	REFRIGERANT	VOLTS	PHASE	HZ	FLA					MCA	MOP
DHU-1	BASEMENT	1500	6.5	0.5	450	30.3	18.4	38.4	11.7	R-410A	208	1	60	22.8	28	45	400	46x32x21	DECTRON DRY-O-TRON DS-015	1,2,3,4,5
DHU-2	BASEMENT	1000	6.5	0.5	0	30.3	18.4	38.4	11.7	R-410A	208	1	60	22.8	28	45	400	46x32x21	DECTRON DRY-O-TRON DS-015	1,2,3,4,5

- REMARKS:
1. MOTOR TO BE PREMIUM EFFICIENCY, ODP.
 2. UNIT TO FIT THROUGH STANDARD 3FT DOOR.
 3. PROVIDE MANUFACTURER'S HUMIDITY SENSOR.
 4. E.C. TO PROVIDE UNIT DISCONNECT.
 5. PROVIDE BACnet INTERFACE.

FAN SCHEDULE																
TAG	LOCATION	SERVICE	TYPE	AIRFLOW (CFM)	E.S.P. (IN. W.G.)	RPM	SONES	DRIVE TYPE	MOTOR TYPE	FAN MOTOR DATA					MANUFACTURER & MODEL NO.	NOTES
										HP	W	VOLTS	PHASE	HZ		
EF-1-W	ROOF	CRAWLSPACE	DOWNBLAST	600	0.5	1534	9.1	DIRECT	ECM	1/6	-	120	1	60	GREENHECK G-095-VG	1,2,3,4,5

- NOTE:
1. PROVIDE ECM MOTOR (NO MOTOR STARTER).
 2. PROVIDE ME-1/D-1 DAMPER WITH ACTUATOR.
 3. PROVIDE NEMA-1 TOGGLE SWITCH FACTORY MOUNTED AND WIRED.
 4. PROVIDE EC MOTOR WITH INPUTS FOR 0-10V SIGNAL BY TC TO VARY THE SPEED OF THE FAN.
 5. PROVIDE CURB.

DIFFUSER, REGISTERS, AND GRILLES														
TAG	MODEL	MOUNTING	FRAME TYPE	MAX CFM	BLOW PATTERN	FACE SIZE	NECK SIZE	VELOCITY (FPM.)	THROW (FT.)	PD	SOUND LEVEL	MATERIAL	MANUFACTURER	REMARKS
SD-1	61DH	DUCT	FLANGED	252	1-WAY	14x8	12x6	600	15	.022	17	STEEL	NAILOR	

FIN TUBE SCHEDULE										
TAG	CABINET STYLE	CABINET HEIGHT	HEAT CAPACITY BTU/FT	HEAT MEDIUM	AVG WATER TEMP	TUBE SIZE (#TIERS)	FIN SIZE (FIN/IN)	FIN LENGTH	MANUFACTURER & MODEL NO.	REMARKS
FTR-1	SLOPE TOP	24	1190	WATER	170	3/4"(1)	4 1/2 x 3/8 (50)	SEE DRAWINGS	STERLING JVB-S20	1,2,3

- REMARKS:
1. CONCEAL ALL PIPING BELOW COVER.
 2. FIN ENCLOSURE SHALL BE SLOPE TOP.
 3. MOUNT FIN 4" A.F.F.



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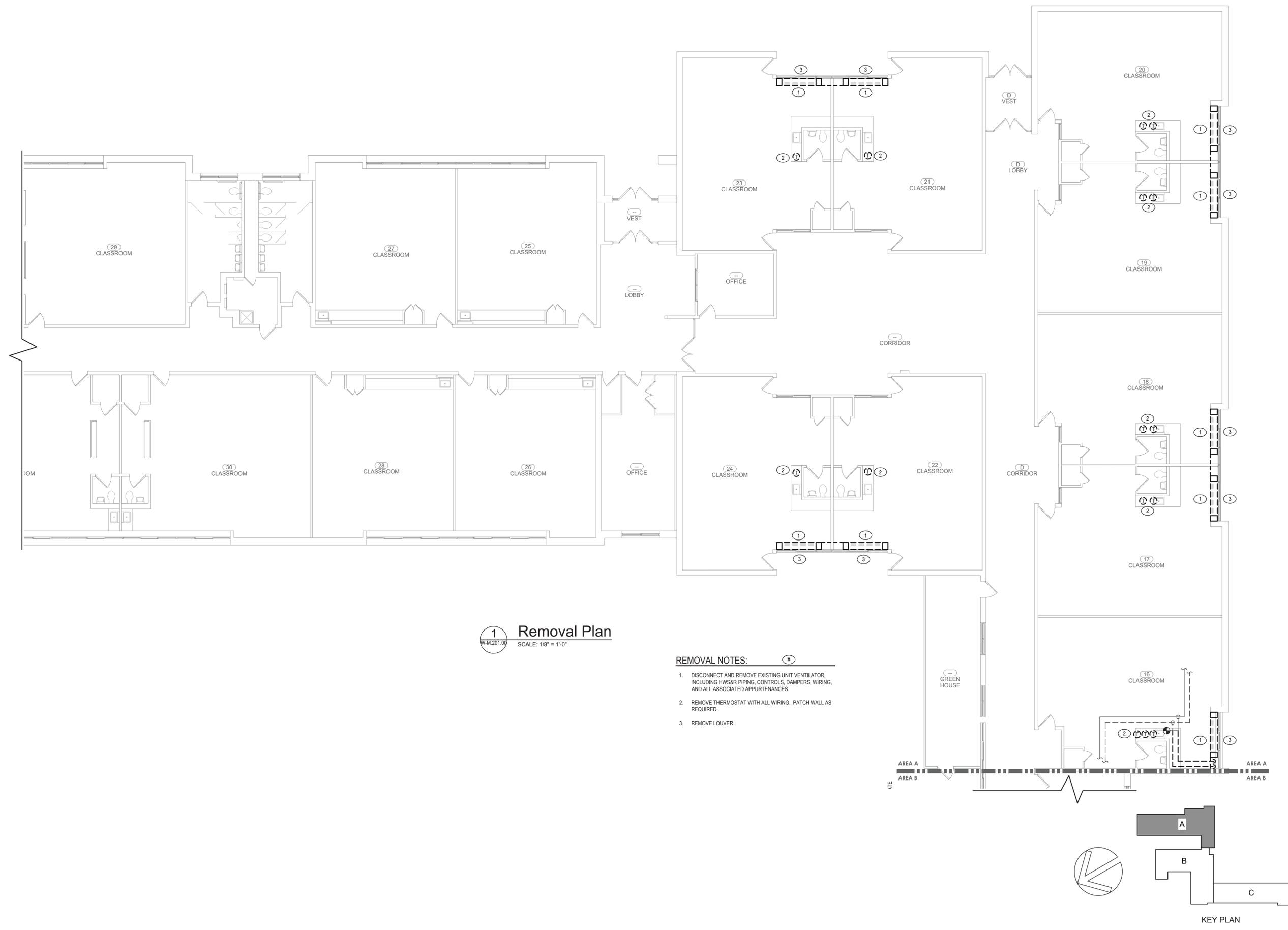
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DESCRIPTION
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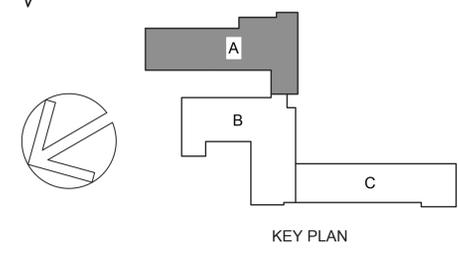
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1 Removal Plan
W-M.201.00 SCALE: 1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING HWS&R PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. REMOVE LOUVER.





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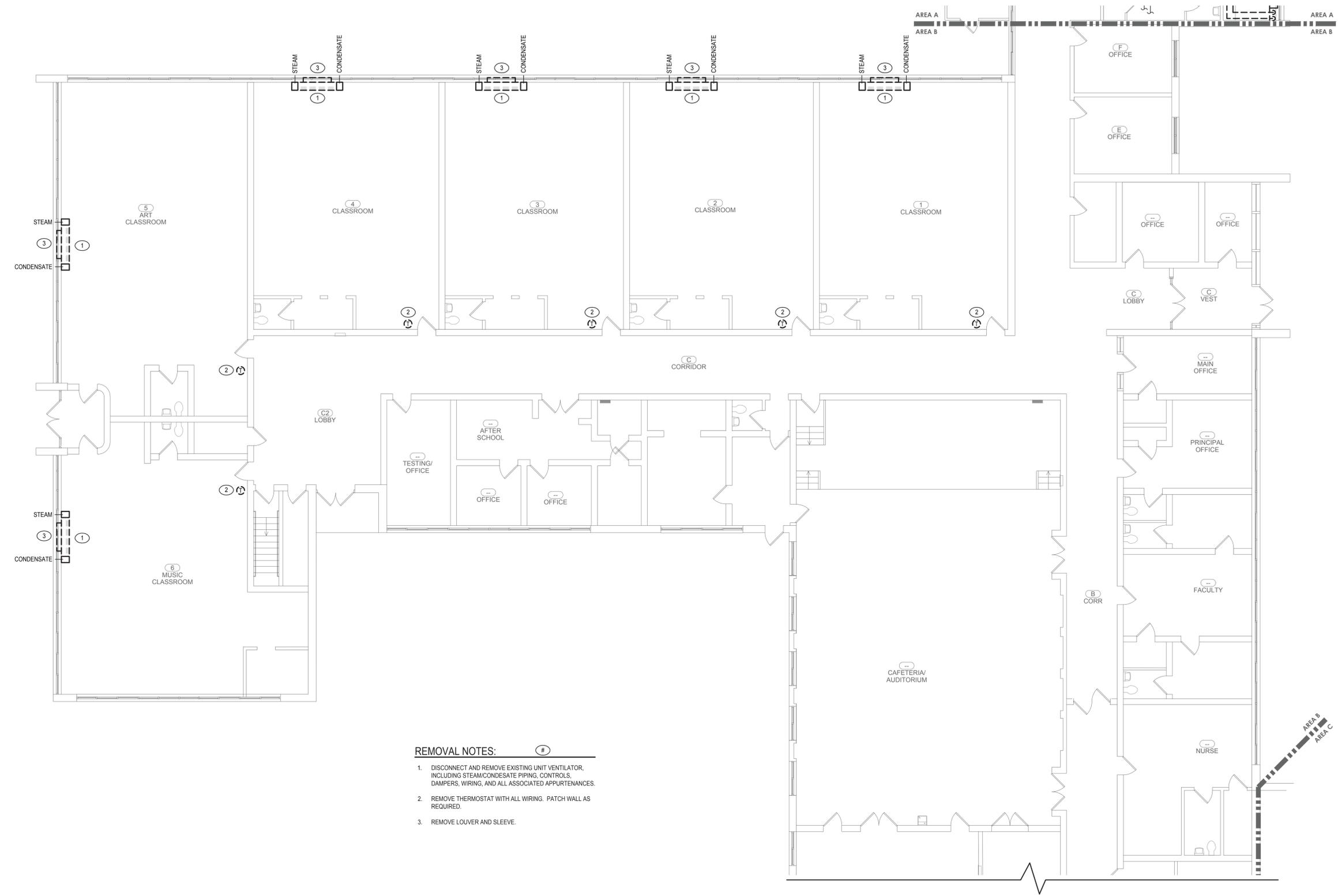
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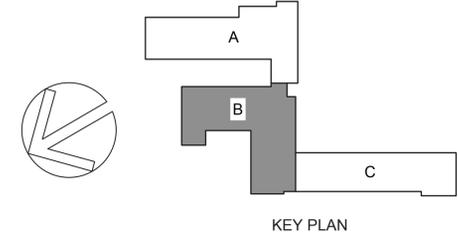
DESCRIPTION
 Removal Plan - Area B

W-M.202.00



- REMOVAL NOTES:**
- DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING STEAM/CONDENSATE PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
 - REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
 - REMOVE LOUVER AND SLEEVE.

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



REMOVAL NOTES:

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING HWS&R PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. REMOVE FIN TUBE WITH ENCLOSURE, WALL MOUNTING BRACKETS. REMOVE PIPING AS REQUIRED FOR NEW WORK.
4. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING STEAM AND CONDENSATE PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
5. REMOVE LOVER AND SLEEVE.
6. PATCH WALL TO MATCH EXISTING.
7. REMOVE PIPING WITH ALL SUPPORTS AND HANGERS.

Architect:
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 915 Broadway, Suite 101A
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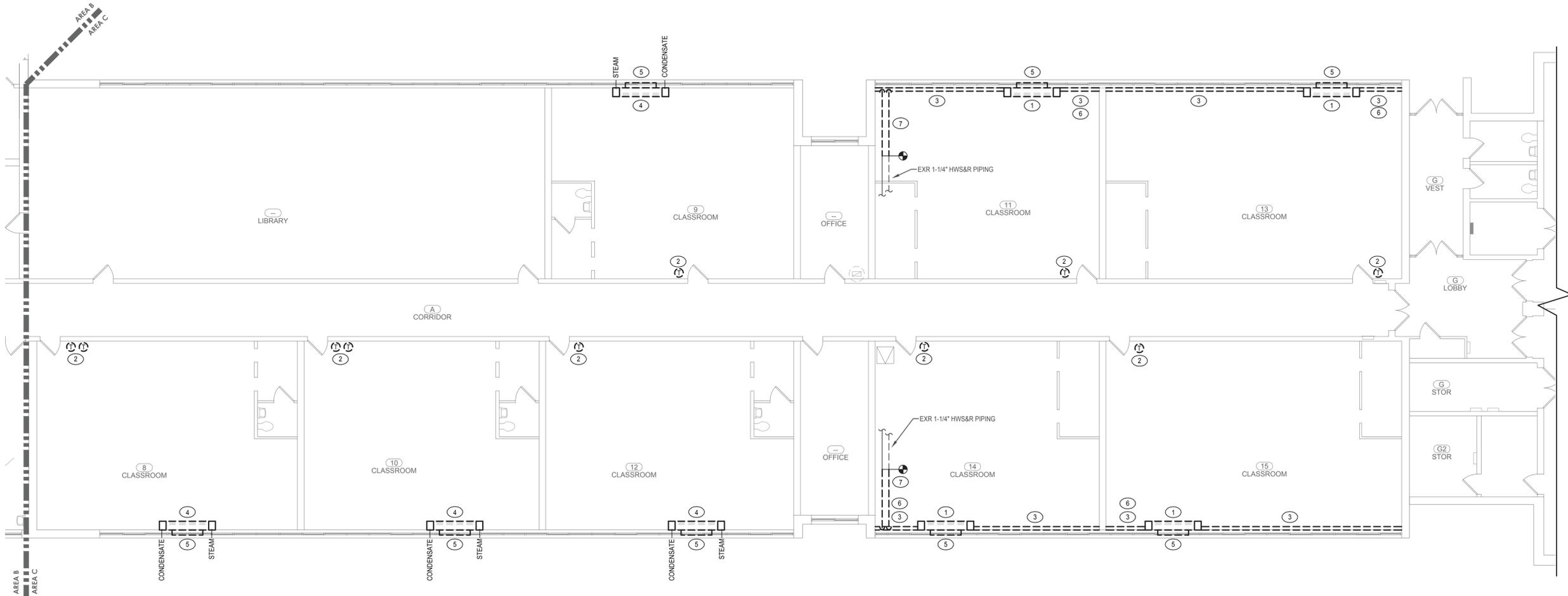
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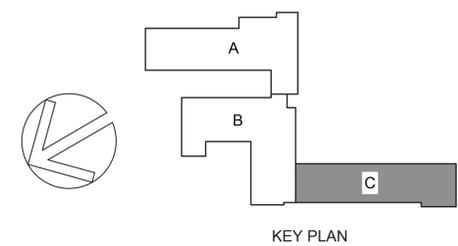


DESCRIPTION
 Removal Plan - Area C

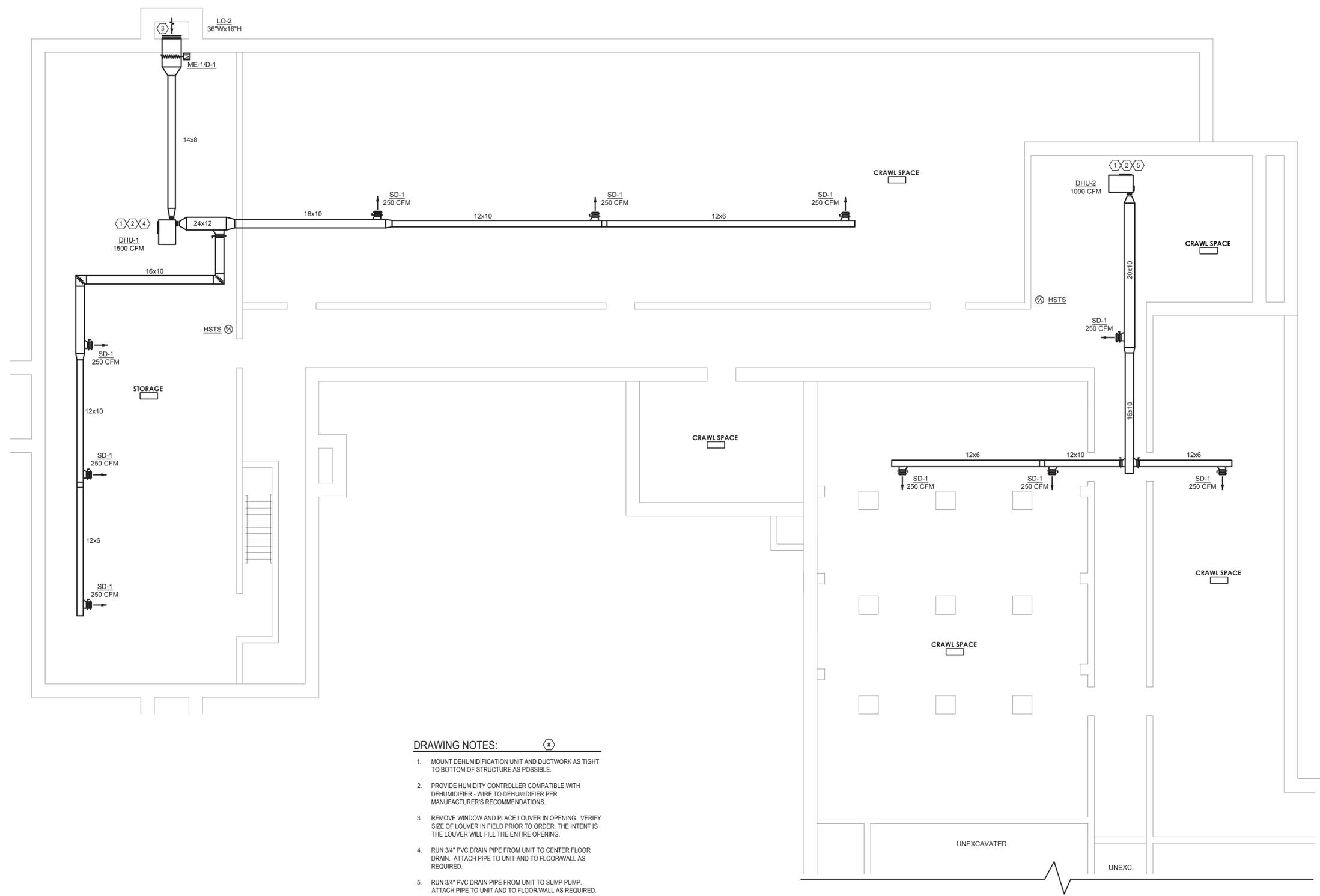
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1 Removal Plan
 W-M.203.00 SCALE: 1/8" = 1'-0"

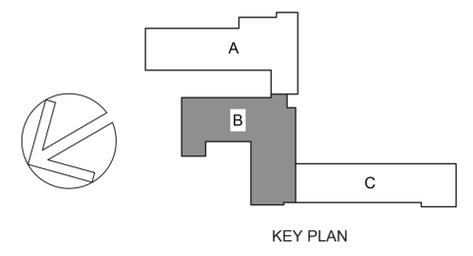


KEY PLAN



- DRAWING NOTES:**
1. MOUNT DEHUMIDIFICATION UNIT AND DUCTWORK AS TIGHT TO BOTTOM OF STRUCTURE AS POSSIBLE.
 2. PROVIDE HUMIDITY CONTROLLER COMPATIBLE WITH DEHUMIDIFIER - WIRE TO DEHUMIDIFIER PER MANUFACTURER'S RECOMMENDATIONS.
 3. REMOVE WINDOW AND PLACE LOUVER IN OPENING. VERIFY SIZE OF LOUVER IN FIELD PRIOR TO ORDER. THE INTENT IS THE LOUVER WILL FILL THE ENTIRE OPENING.
 4. RUN 3/4" PVC DRAIN PIPE FROM UNIT TO CENTER FLOOR DRAIN. ATTACH PIPE TO UNIT AND TO FLOOR/WALL AS REQUIRED.
 5. RUN 3/4" PVC DRAIN PIPE FROM UNIT TO SUMP PUMP. ATTACH PIPE TO UNIT AND TO FLOOR/WALL AS REQUIRED.

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



DRAWING NOTES:

1. PROVIDE OPEN ENDED DUCT, WITH 1/4" GALVANIZED MESH SCREEN ON OPEN END.
2. PROVIDE 16x8 DUCT UP TO EF-1-W ON ROOF.



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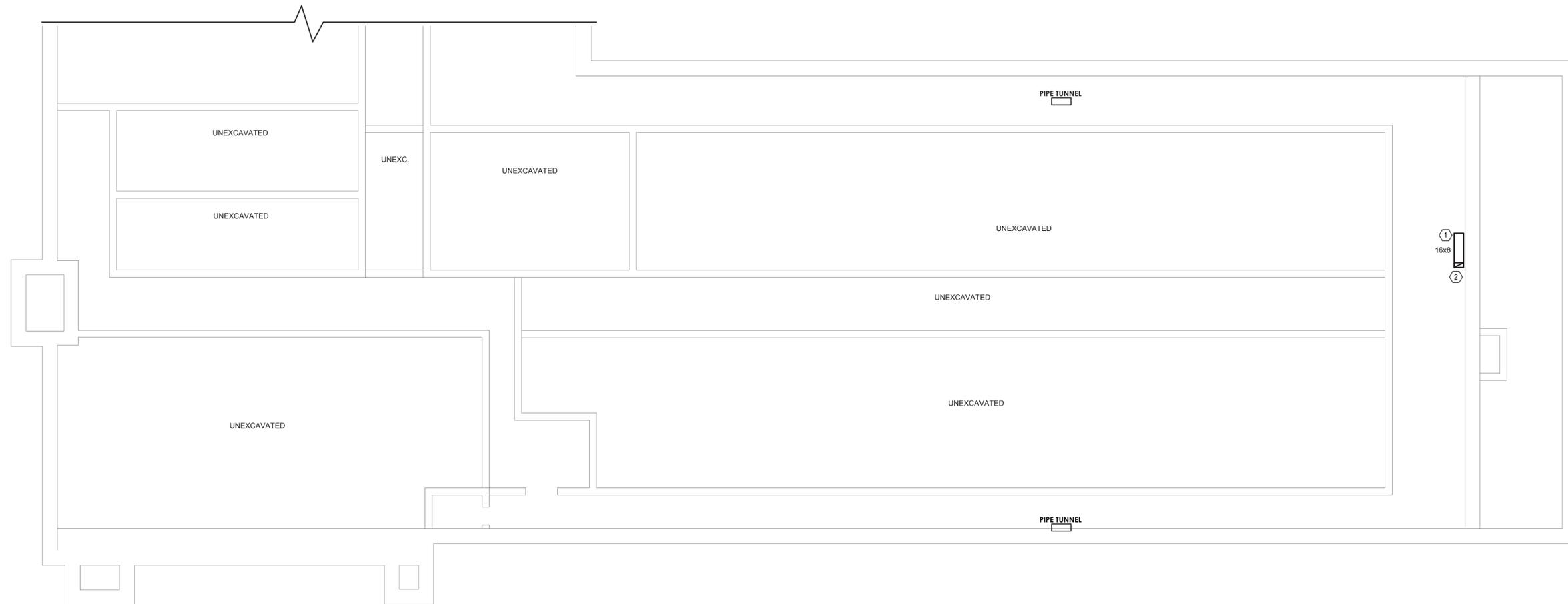
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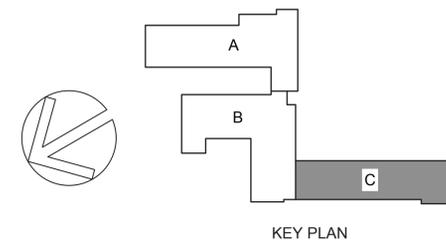


DESCRIPTION
 Basement HVAC Plan - Area C

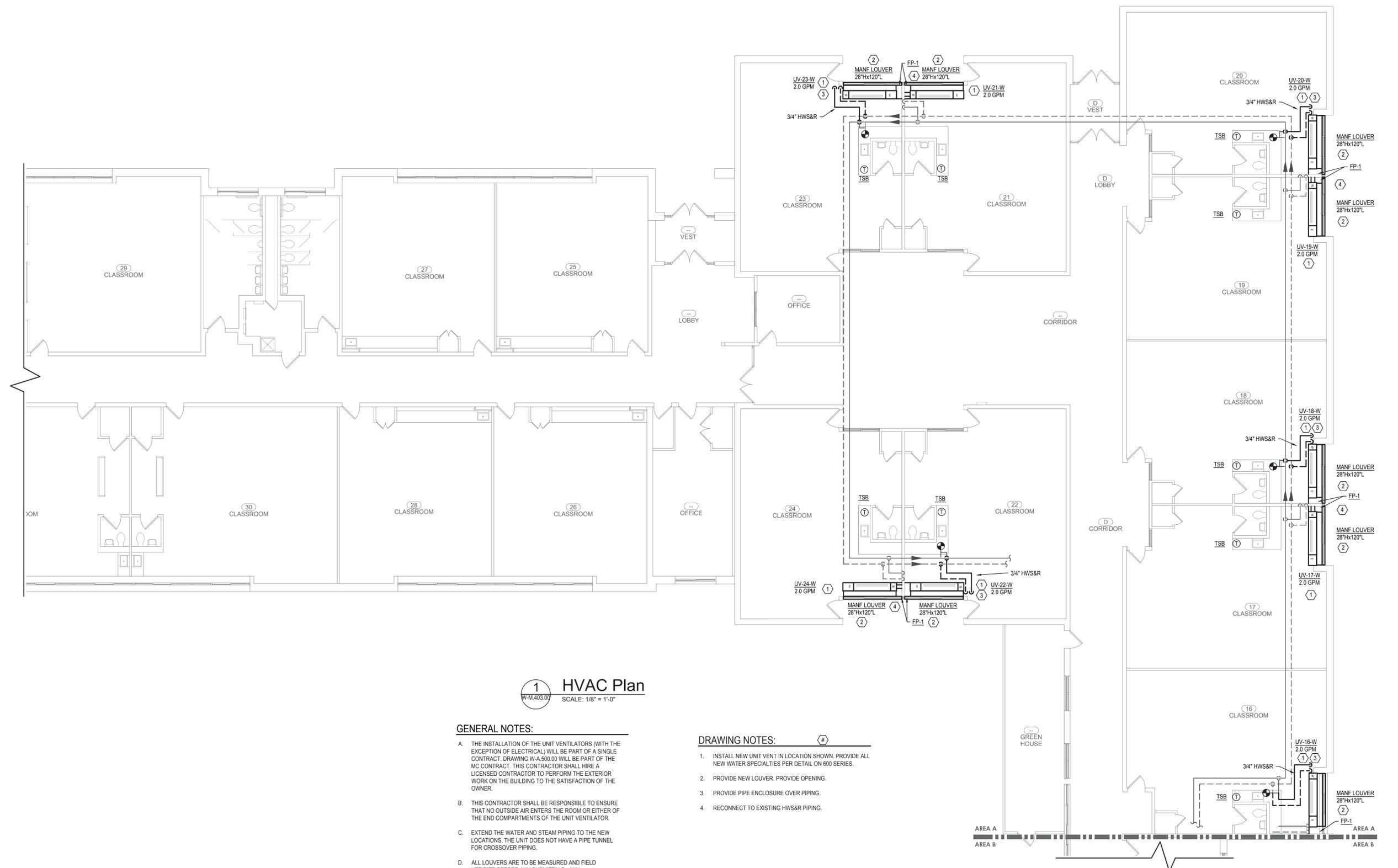
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1 HVAC Plan
 W-M.402.00 SCALE: 1/8" = 1'-0"



KEY PLAN



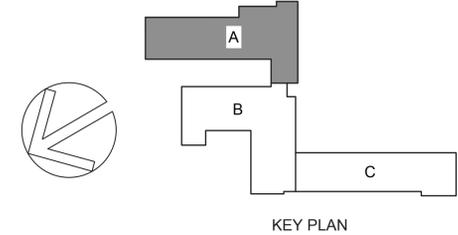
1 HVAC Plan
W-M.403.00 SCALE: 1/8" = 1'-0"

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.

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.





Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

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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Middle School
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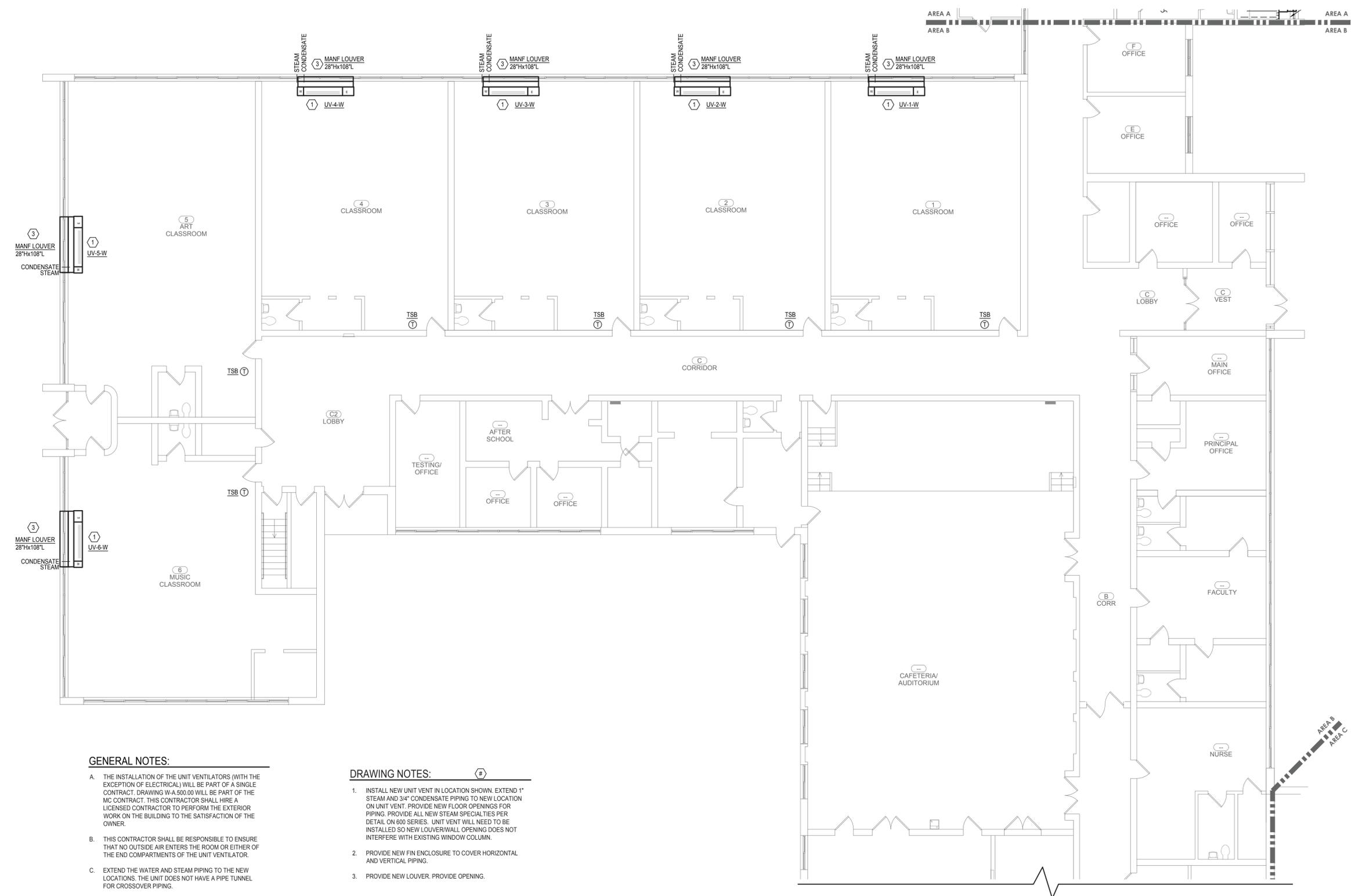
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DESCRIPTION
 First Floor HVAC Plan - Area B

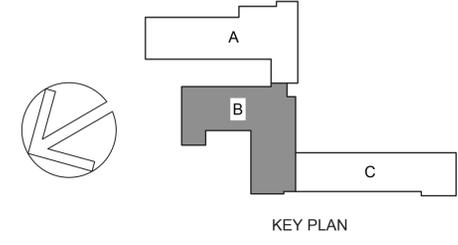
W-M.404.00



- 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.

- DRAWING NOTES:**
1. 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.
 2. PROVIDE NEW FIN ENCLOSURE TO COVER HORIZONTAL AND VERTICAL PIPING.
 3. PROVIDE NEW LOUVER. PROVIDE OPENING.

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





Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

Hazardous Material Consultant:



MEP Engineer:

Engineered Solutions
 648 Plank Road #104
 Clifton Park, NY 12061
 phone: (518) 280-2410
 fax: (518) 280-2481
 www.engineered-solutions.net

Electrical
 Communications
 Mechanical
 ES # 19071

Client:



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

Peekskill Reconstruction

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DESCRIPTION
 First Floor HVAC Plan - Area C

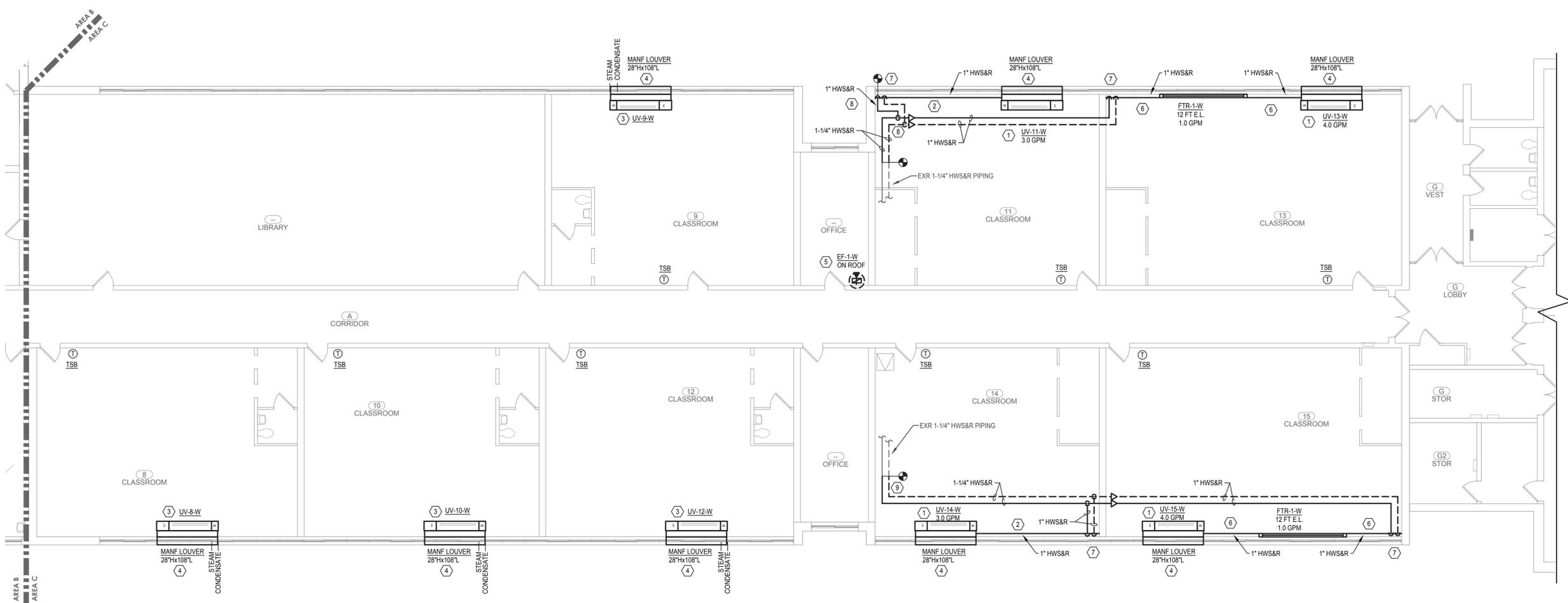
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GENERAL NOTES:

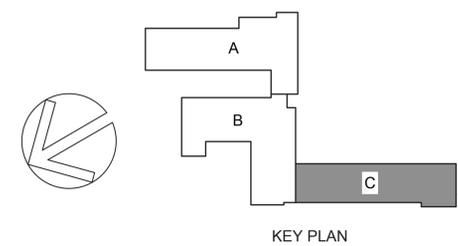
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- THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.
- EXTEND THE WATER AND STEAM PIPING TO THE NEW LOCATIONS. THE UNIT DOES NOT HAVE A PIPE TUNNEL FOR CROSSOVER 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.
- PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

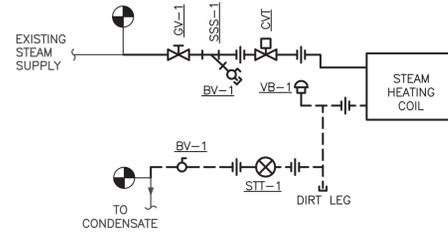
DRAWING NOTES:

- 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 16x8 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.

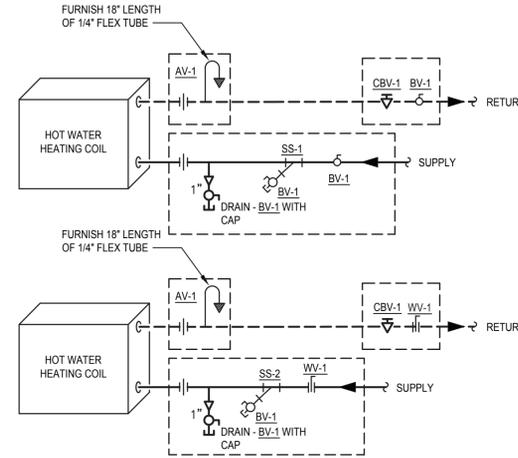


1 HVAC Plan
 W-M.405.00 SCALE: 1/8" = 1'-0"



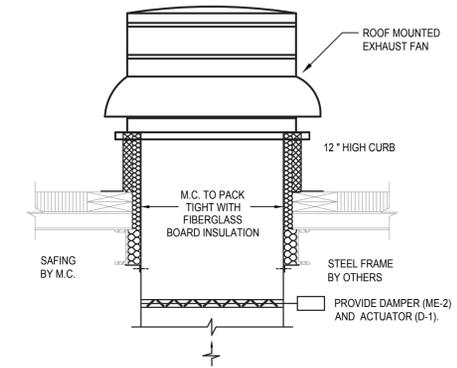


1 STEAM UV HEATING COIL DIAGRAM
SCALE: NONE

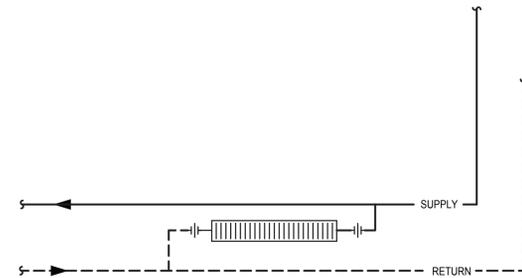


2 TYPICAL UV COIL PIPING DIAGRAM
SCALE: NONE

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.

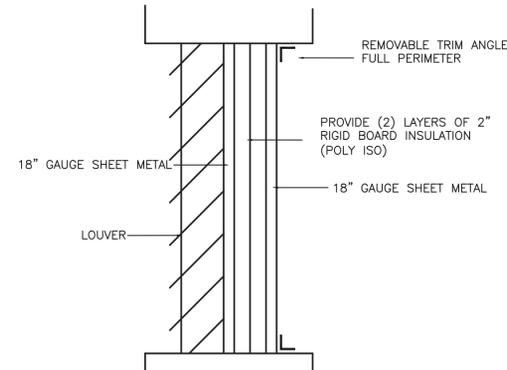


3 DOWNBLAST EXHAUST FAN DIAGRAM
SCALE: NONE



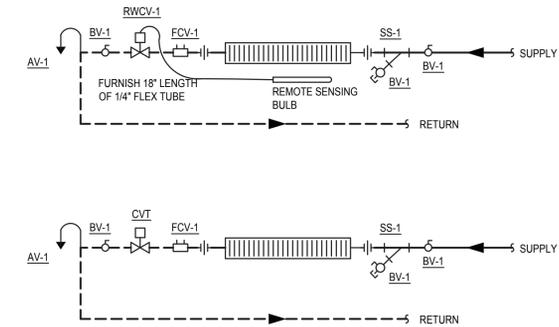
4 TYPICAL FIN TUBE PIPING DIAGRAM
SCALE: NONE

NOTES:
1. REFER TO PIPING DETAIL FOR FIN SPECIALTIES.
2. RUN ALL PIPING AND FIN UNDER FIN COVER.



5 LOUVER AND INSULATION DETAIL
SCALE: NONE

BLANK OFF INACTIVE LOUVER AS SHOWN.



6 TYPICAL FIN TUBE PIPING DIAGRAM (HW)
SCALE: NONE

NOTES:
1. FIN TUBE MFR. TO FURNISH ACCESS DOORS AT ALL VALVE LOCATIONS.
2. WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM, FURNISH OTHER TYPE CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM.
3. FCV SIZED TO MATCH FLOW.



Architect:
Hamlin Design Group
915 Broadway, Suite 101A
Albany, New York 12207
Tel: 518.724.5159
Fax: 518.320.8633
Web: hamlindesigngroup.com

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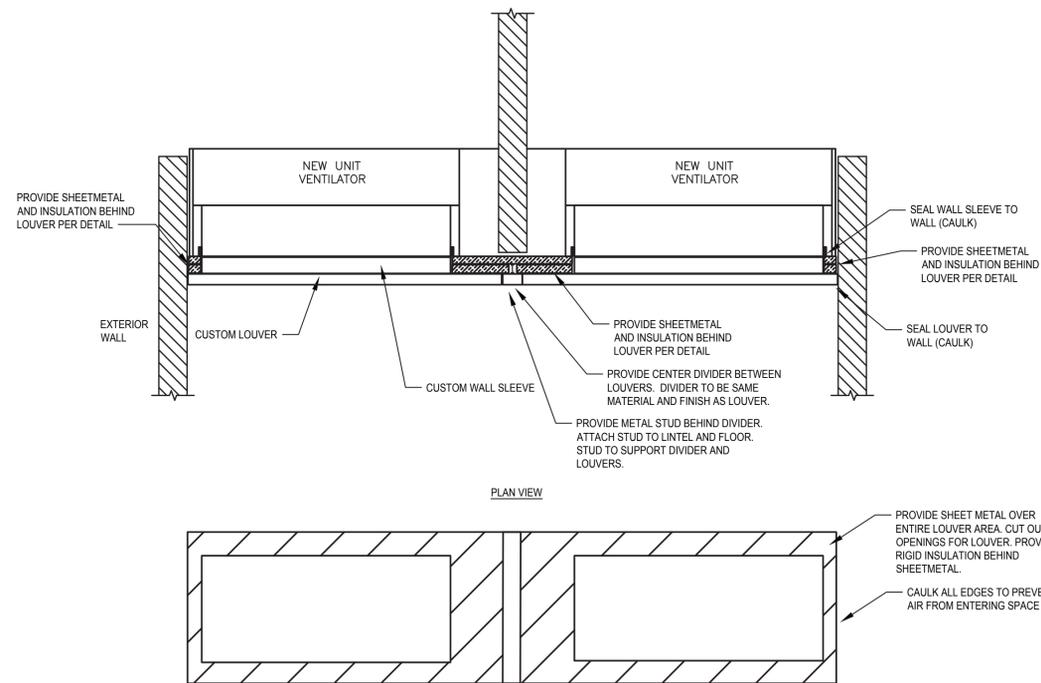
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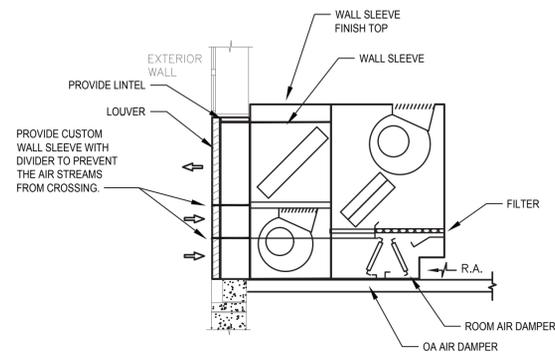


DESCRIPTION
HVAC Details and Diagrams

W-M.601.00



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

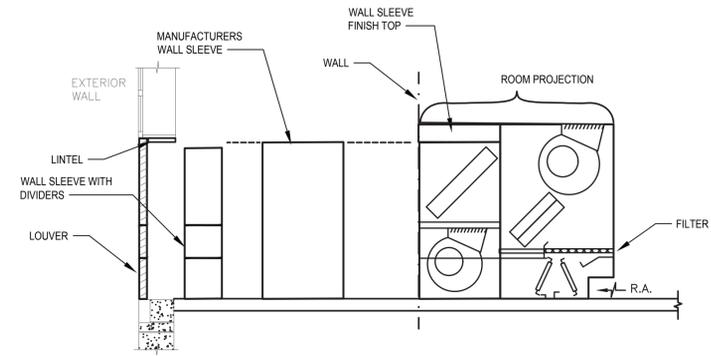


ELEVATION VIEW

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

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 PERMIT 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.



Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
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 Tel: 518.724.5159
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DESCRIPTION
 HVAC Details and Diagrams

W-M.602.00

GENERAL NOTES - REMOVALS

1. AVOID DEAD ENDS OF 24" LONG OR GREATER WHEN REMOVING SANITARY OR STORM WATER PIPING. PROVIDE SUITABLE PLUG OR CAP ON PIPING TO REMAIN. (INFILL OF THE PIPING WITH CONCRETE OR OTHER MATERIALS SHALL NOT BE ACCEPTABLE)
2. REMOVE ALL COLD WATER, HOT WATER, RE-CIRCULATION PIPING, AS INDICATED ON PLANS. REMOVE ALL PIPING BACK TO BRANCH CONNECTION. PROVIDE TEMPORARY OR PERMANENT CAPPED END ON PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED.
3. WHERE PIPING BELOW GRADE IS TO BE REMOVED. PROVIDE SUITABLE SHORING OF TRENCH WALLS AND DE-WATERING EQUIPMENT AS NECESSARY. TRENCHES SHALL BE PROPERLY SHORED AND DE WATERED THROUGHOUT THE REMOVAL PROCESS.
4. WHERE PIPING IS BEING REMOVED THROUGH AND EXISTING WALL, THE CORE-DRILLED HOLE OR SLEEVE SHALL BE SEALED WITH A SUITABLE METHOD OF SEALING.
5. ALL REMOVAL WORK SHALL BE COORDINATED WITH THE WORK OF THE OTHER TRADES.
6. THROUGHOUT THE REMOVAL PROCESS, IT IS OF PARAMOUNT IMPORTANCE THAT ANY AND ALL SYSTEMS SHALL BE MAINTAINED IN PROPER WORKING ORDER FOR AS LONG AS PRACTICAL.
7. THROUGHOUT THE REMOVAL PROCESS ALL AREAS OF WORK SHALL BE KEPT FREE OF DEBRIS AND IN A CLEAN AND ORDERLY STATE.
8. WHERE VENT TERMINALS AND ROOF DRAINS ARE REMOVED, THE ROOF OPENING SHALL BE PATCHED AND REPAIRED SO THE BUILDING ROOF WILL SHED WATER.
9. WHERE PIPING IS REMOVED THROUGH FIRE RATED CONSTRUCTION THE ABANDONED WALL PENETRATIONS SHALL BE SEALED WITH THE APPROPRIATE FIRE RATED SEALING ELEMENTS.
10. WHERE PIPING TO BE REMOVED IS DISCOVERED TO BE IN AN UNSAFE LOCATION OR IS IN A STATE WHICH MAY POSE A HEALTH CARE RISK, THE ARCHITECT AND THE ENGINEER SHALL BE INFORMED IMMEDIATELY. DIRECTION AS TO HOW TO PROCEED SHALL BE DETERMINED ON A CASE BY CASE BASIS.
11. ALL CUTTING AND PATCHING REQUIRED TO SAFELY AND PROPERLY REMOVE PIPING ETC... SHALL BE PERFORMED BY THIS CONTRACTOR, UNLESS SPECIFICALLY CALLED OUT BY OTHERS.
12. ALL NATURAL GAS AND LIQUEFIED PROPANE SHALL BE REMOVED AS INDICATED. THE PIPING SHALL FIRST BE PURGED OF GAS PER THE REQUIREMENTS OF NFPA 54.

GENERAL NOTES - NEW INSTALLATIONS

1. IN ALL AREAS WHERE PATCHING IS REQUIRED, THE CONTRACTOR SHALL PATCH THE SUBSURFACE WHERE THE NEW SURFACE IS TO BE FINISHED BY THE GENERAL CONTRACTOR. THIS SUBSURFACE MUST BE PROVIDED SO THAT IT DOES NOT INHIBIT THE INSTALLATION OF OR AFFECT THE APPEARANCE OF THE NEW FINISH. IF A NEW FINISH WILL NOT BE PROVIDED BY THE GENERAL CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE TO PATCH TO MATCH THE SURROUNDING SURFACE. (UNLESS NOTED BY THE GENERAL CONTRACTORS PLANS)
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO EXISTING SYSTEMS AS NECESSARY FOR CONTINUATION OF OPERATIONS.
3. DO NOT SCALE THESE DRAWING FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
4. THE OWNER SHALL HAVE THE OPTION TO RETAIN ANY FIXTURES, CONTROLS, PIPING, AND ACCESSORIES SCHEDULED TO BE REMOVED.
5. ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE APPROVAL OF THE FACILITY.
6. SHUTDOWN OF SERVICES SHALL BE COORDINATED AND SCHEDULED WITH THE OWNER AND SHALL ONLY OCCUR WITH THE WRITTEN APPROVAL OF THE FACILITY.
7. THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
8. VERIFY LOCATIONS OF NEW WORK REQUIRED FOR CONSTRUCTION WITH EXISTING STRUCTURE AND FIELD CONDITIONS. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
9. COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS.
10. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. (UNLESS NOTED ON THE GENERAL CONTRACT PLANS)
11. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL CONTRACTOR AND THE FIRE PROTECTION CONTRACTOR.
12. DO NOT INSTALL ANY PLUMBING WORK ABOVE ELECTRICAL PANELS. DO NOT INSTALL ANY PLUMBING WORK ABOVE OR THROUGH ELEVATOR EQUIPMENT ROOM, UNLESS SPECIFICALLY SERVING EQUIPMENT ROOM.
13. SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON-RATED WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN FIRE-RATED WALLS AND FLOORS. APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION. MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.

INSULATION SCHEDULE

SERVICE	TEMP °F	MATERIAL	PIPE DIA / THK'S
DOMESTIC COLD WATER	ALL	GLASS FIBER	1" THICK
DOMESTIC HWS & RECIRC	105-140	GLASS FIBER	<1 1/2" 1" THK 1 1/2" < 2" THK
DOMESTIC HWS & RECIRC	141-200	GLASS FIBER	<1 1/2" 1 1/2" THK 1 1/2" < 2" THK
ROOF DRAIN & PIPING	---	GLASS FIBER	1" ALL SIZES
A/C COND PIPING	---	GLASS FIBER	1" ALL SIZES

REMARKS

1. JACKET MATERIAL FINISH SHALL BE AS SPECIFIED FOR ALL EXPOSED AND CONCEALED APPLICATIONS
2. PROVIDE ZESTON (PVC) COVERS FOR ALL EXPOSED PIPE AND PIPE FITTINGS, OTHER THAN MECHANICAL ROOMS.
3. INSTALL COVER SYSTEM FROM FLOOR TO CEILINGS.

PIPING	
	PIPING BEING REMOVED
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
	SANITARY ABOVE FLOOR
	SANITARY BELOW FLOOR
	SANITARY VENT
	STORM ABOVE FLOOR
	STORM BELOW FLOOR
	NATURAL GAS
	LIQUIFIED PETROLEUM GAS
	CONDENSATE DRAIN
	COMPRESSED AIR
	ACID WASTE ABOVE FLOOR
	ACID WASTE BELOW FLOOR
	ACID VENT

DRAINAGE	
	FLOOR DRAIN
	ROOF DRAIN
	FLOOR CLEANOUT
	GRADE CLEANOUT
	VENT THROUGH ROOF
	PIPE CAPPED END
	ELBOW DOWN
	TEE DOWN
	CONNECTION
	BASE CLEANOUT
	END OF LINE CLEANOUT
	RUNNING TRAP
	SUMP PUMP

VALVES	
	BALL VALVE
	GATE VALVE
	OS & Y GATE VALVE
	BALANCING VALVE
	PLUG VALVE
	SOLENOID VALVE
	CHECK VALVE
	BUTTERFLY / WAFER VALVE
	PRESSURE REDUCING VALVE
	GAS TURRET (COUNTER MTD)

FITTINGS	
	SHOCK ARRESTOR
	STRAINER
	FREEZE PROOF WALL HYDRANT
	HOSE BIBB
	HOSE BIBB ANGLED
	PRIMER VALVE
	UNION
	REDUCER
	PRESSURE GAUGE
	AQUASTAT CONTROLLER
	THERMOSTAT

ABBREVIATIONS	
AC	AIR CHAMBER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
BCO	BASE CLEANOUT
BF	BELOW FLOOR
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PROTECTOR
CI	CAST IRON
CLG	CEILING
CO	CLEAN OUT
COND	CONDUCTOR
CT	COUNTER TOP
CW	COLD WATER
CTE	CONNECT TO EXISTING
CI	CAST IRON
CONC	CONCRETE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DPCO	DECK PLATE CLEANOUT
DWG	DRAWING
ECO	END OF LINE CLEANOUT
EWC	ELECTRIC WATER COOLER
EXR	EXISTING TO REMAIN
FAI	FRESH AIR INLET
FCO	FRESH FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
G	GAS
GA	GAUGE
GC	GENERAL CONTRACTOR
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RE-CIRCULATION
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE
LAV	LAVATORY
LDR	LEADER
LPG	LIQUIFIED PETROLEUM GAS
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
OSSY	OUTSIDE SPINDLE & YOKE
O2	OXYGEN
PC	PLUMBING CONTRACTOR
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQ IN
PO	PLUGGED OUTLET
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE ZONE
SA	SHOCK ARRESTOR
SAN	SANITARY
SH	SHOWER
SK	SINK
SS	STAINLESS STEEL
ST	STRAINER
TEMP TYP	TEMPERATURE TYPICAL
UR	URINAL
VA	VALVE
V	VENT
VCT	VITRIFIED CLAY TILE
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WASTE
W&V	WASTE & VENT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WHA	WATER HAMMER ARRESTOR

GENERAL	
	REMOVE / CONNECT TO
	REMOVAL NOTE TAG
	INSTALLATION NOTE TAG
	PIPING BREAK
	EDGE BREAK LINE
	ADA FIXTURE

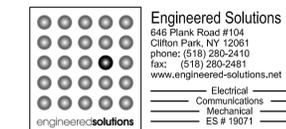


Architect:
Hamlin Design Group
 915 Broadway, Suite 101A
 Albany, New York 12207
 Tel: 518.724.5159
 Fax: 518.320.8633
 Web: hamlindesigngroup.com

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

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:
 DAR

ISSUE: 02/01/2021

DESCRIPTION
 Symbols, Abbreviations & Notes

W-P.001.00



HAMLIN



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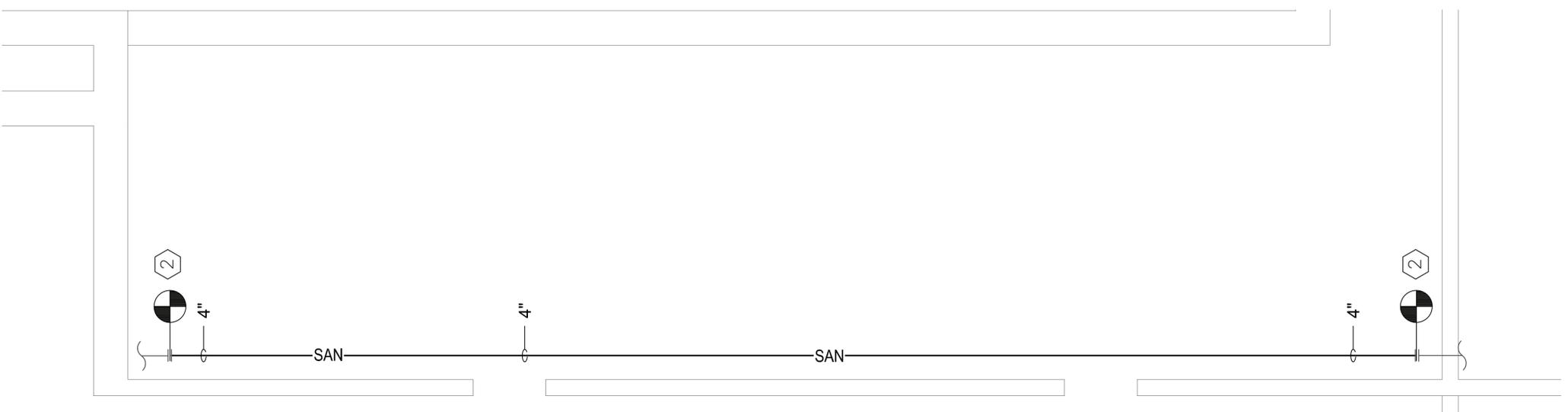
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ISSUE: 02/01/2021

- REMOVAL NOTES:** ○
1. REMOVE THE 3" WATER SERVICE ENTRANCE, FROM THE FLANGE ON TOP OF THE MAIN SHUT OFF VALVE. REMOVE THE OLD ASSEMBLY INCLUDING THE WATER METER.
 2. REMOVE THE 4" SANITARY IN THE CRAWL SPACE TO THE EXTENTS SHOWN.

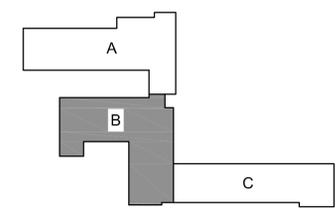


1 Removal Plan
W-P.302.00 SCALE: 1/4" = 1'-0"

- DRAWING NOTES:** ⬡
1. PROVIDE FOR NEW 3" WATER SERVICE AS SHOWN. PROVIDE NEW WATER METER AND DOUBLE CHECK VALVE BACKFLOW PREVENTOR. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 2. PROVIDE NEW 4" C.I. SANITARY DRAIN AS SHOWN.



2 New Plumbing Plan
W-P.302.00 SCALE: 1/4" = 1'-0"



KEY PLAN

DESCRIPTION
Removal & New Plumbing Plan

W-P.302.00



Architect:
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 915 Broadway, Suite 101A
 Albany, New York 12207
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 Fax: 518.320.8633
 Web: hamlindesigngroup.com

Hazardous Material Consultant:



MEP Engineer:

Engineered Solutions
 648 Plank Road #104
 Clifton Park, NY 12061
 phone: (518) 280-2410
 fax: (518) 280-2481
 www.engineered-solutions.net

Electrical
 Communications
 Mechanical
 ES # 19071

Client:



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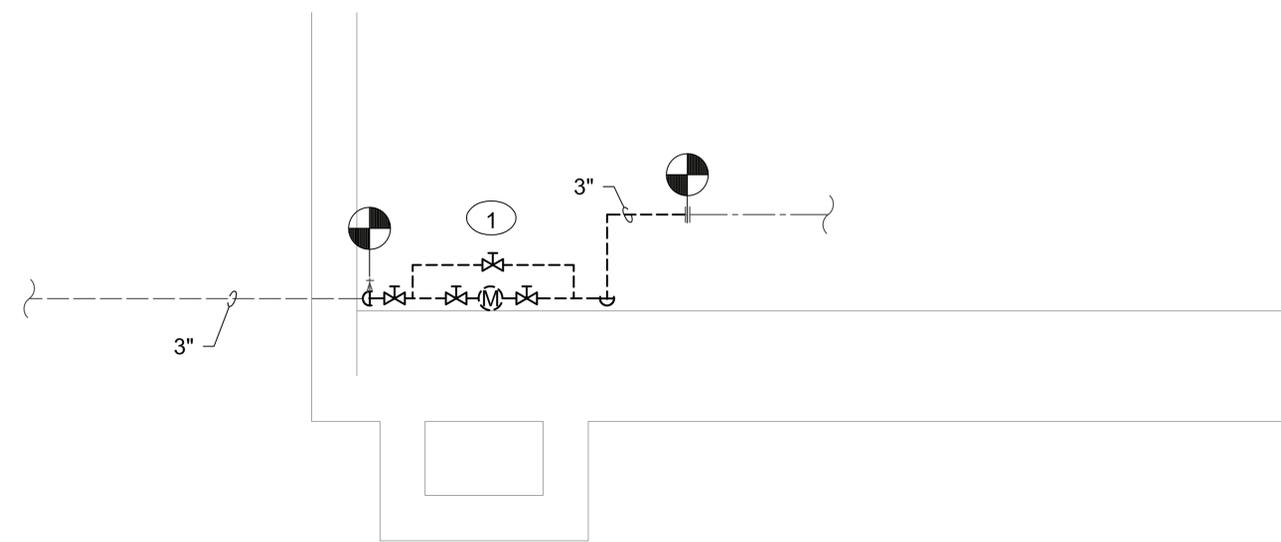
ISSUE: 02/01/2021

REMOVAL NOTES: ○

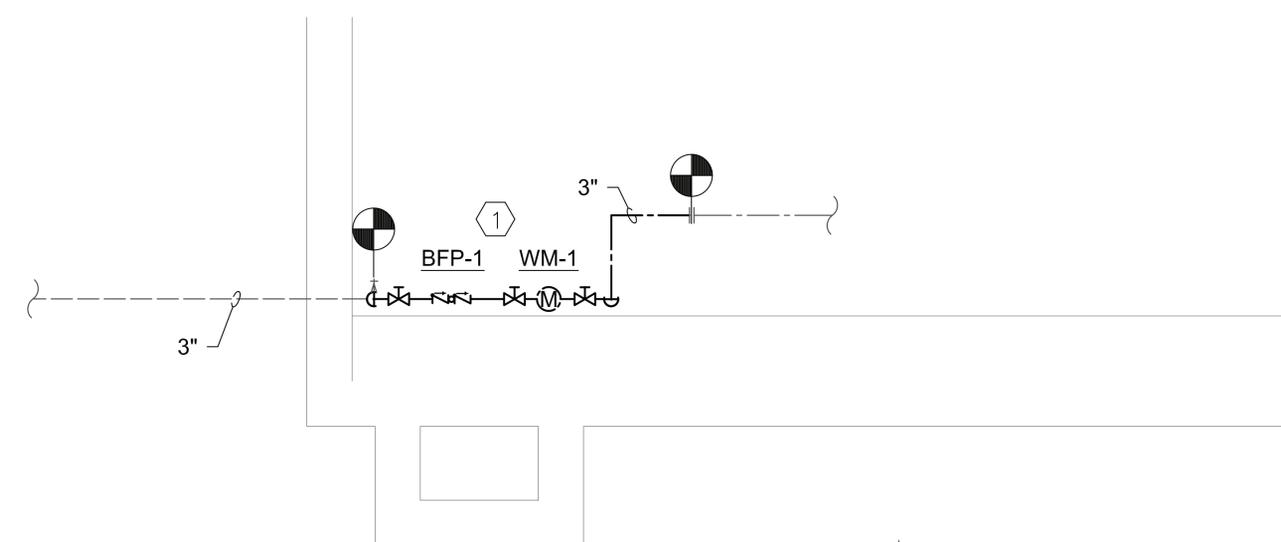
1. REMOVE THE 3" WATER SERVICE ENTRANCE, FROM THE FLANGE ON TOP OF THE MAIN SHUT OFF VALVE. REMOVE THE OLD ASSEMBLY INCLUDING THE WATER METER.

DRAWING NOTES: ⬡

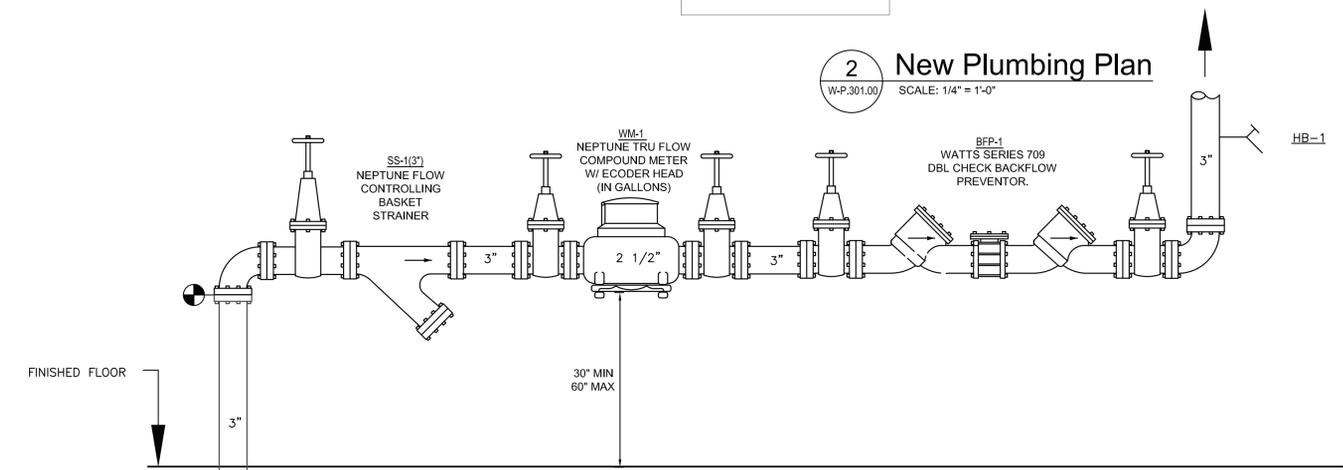
1. PROVIDE FOR NEW 3" WATER SERVICE AS SHOWN. PROVIDE NEW WATER METER AND DOUBLE CHECK VALVE BACKFLOW PREVENTOR. REFER TO DETAILS THIS SHEET. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



1 Removal Plan
 W-P.301.00 SCALE: 1/4" = 1'-0"

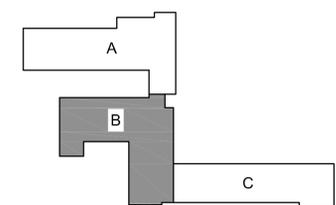


2 New Plumbing Plan
 W-P.301.00 SCALE: 1/4" = 1'-0"



3 WATER SERVICE PIPING DIAGRAM
 M-P.301.00 SCALE: NONE

1. PROVIDE SUPPORT FOR PIPING ON WALL MAINTAIN MIN CLEARANCE OF 8" BEHIND BACK FLOW PREVENTOR BFP-1
2. ALL MATERIALS UPSTREAM OF THE WATER METER & BACKFLOW PREVENTOR SHALL BE DUCTILE IRON, COPPER, OR BRASS
3. THE FOLLOWING CLEARANCES SHALL BE MAINTAINED FOR THE WATER METER AND BACKFLOW PREVENTOR, 30" CLEAR IN FRONT, 8" FROM THE BACK WALL & 12" ABOVE



KEY PLAN

DESCRIPTION
 Removal & New Plumbing Plan

W-P.301.00