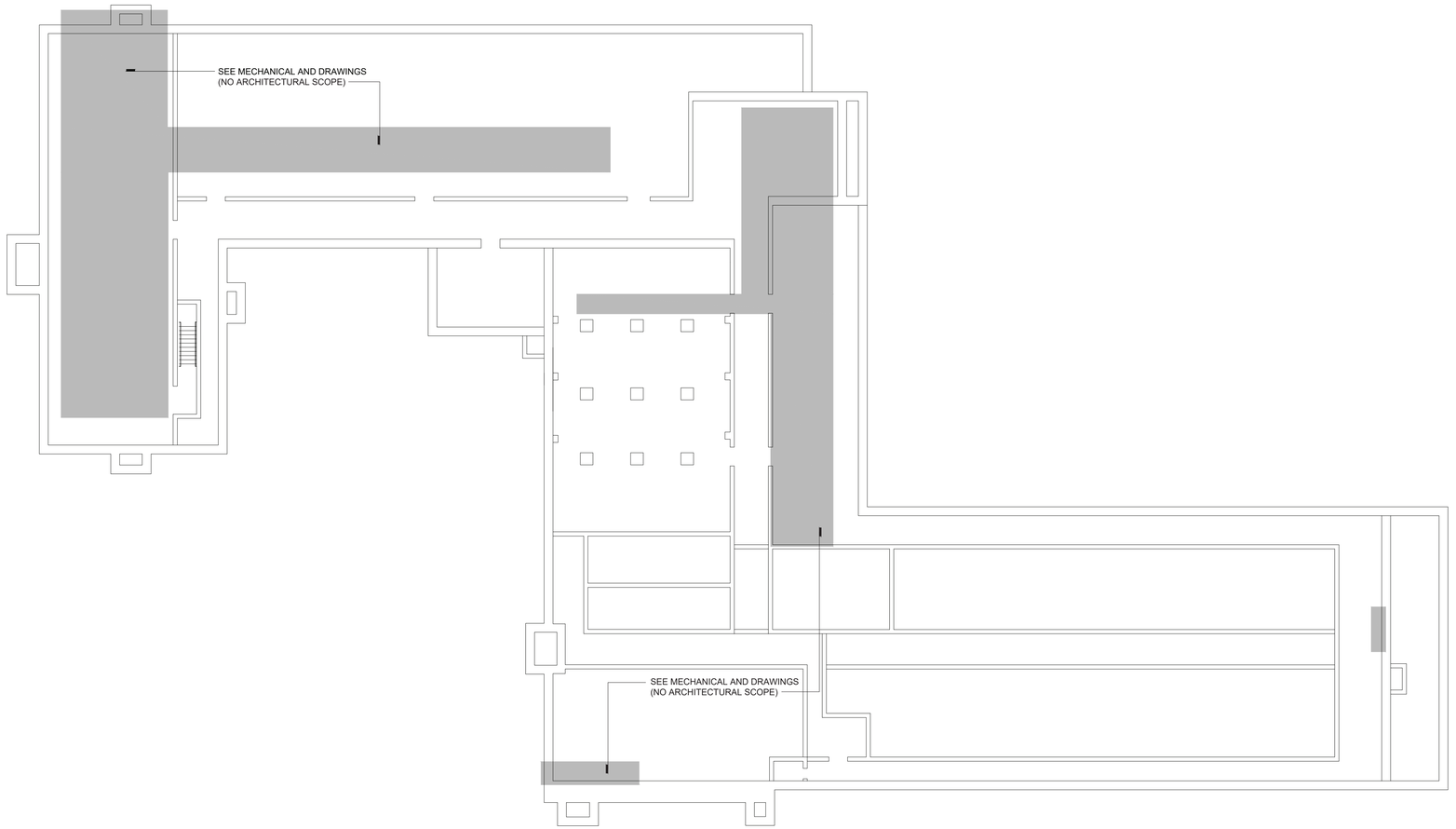

1 W-A.100 Woodside Elementary - Basement Floor Plan

SCALE: NTS

LEGEND

- EXISTING WALL CONST. TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- AREA OF WORK (SEE ELECTRICAL & MECHANICAL 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 MAT'LS, 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 MAT'LS, 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

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2 REMOVE WALL CONST. AS REQUIRED FOR INSTALLATION OF NEW UNIT VENT AND LOUVER. SEE MECHANICAL DRAWINGS.

3 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.

4 REMOVE AND SALVAGE EXISTING WINDOW SASH AS REQUIRED FOR INSTALLATION OF NEW UNIT VENT. SEE MECHANICAL DRAWINGS.

5 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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G3. CLEAN PATCH & REPAIR EXISTING WALLS AS REQ'D TO RESTORE TO LIKE NEW CONDITION. FINISH SURFACES TO BE SMOOTH AND FLUSH WITH ADJACENT SURFACES AND READY TO RECEIVE PAINT.

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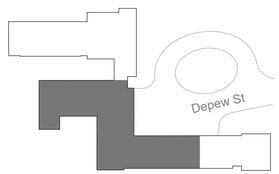
4 PAINT ENTIRE WALL BELOW WINDOW UNITS TO MATCH EXISTING ROOM COLOR AND FINISH.



WOODSIDE KEY PLAN

HAMLIN DESIGN GROUP

Architect:
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Woodside Elementary
612 Depew St.,
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DRAWN BY: TG

ISSUE: 03/19/2021

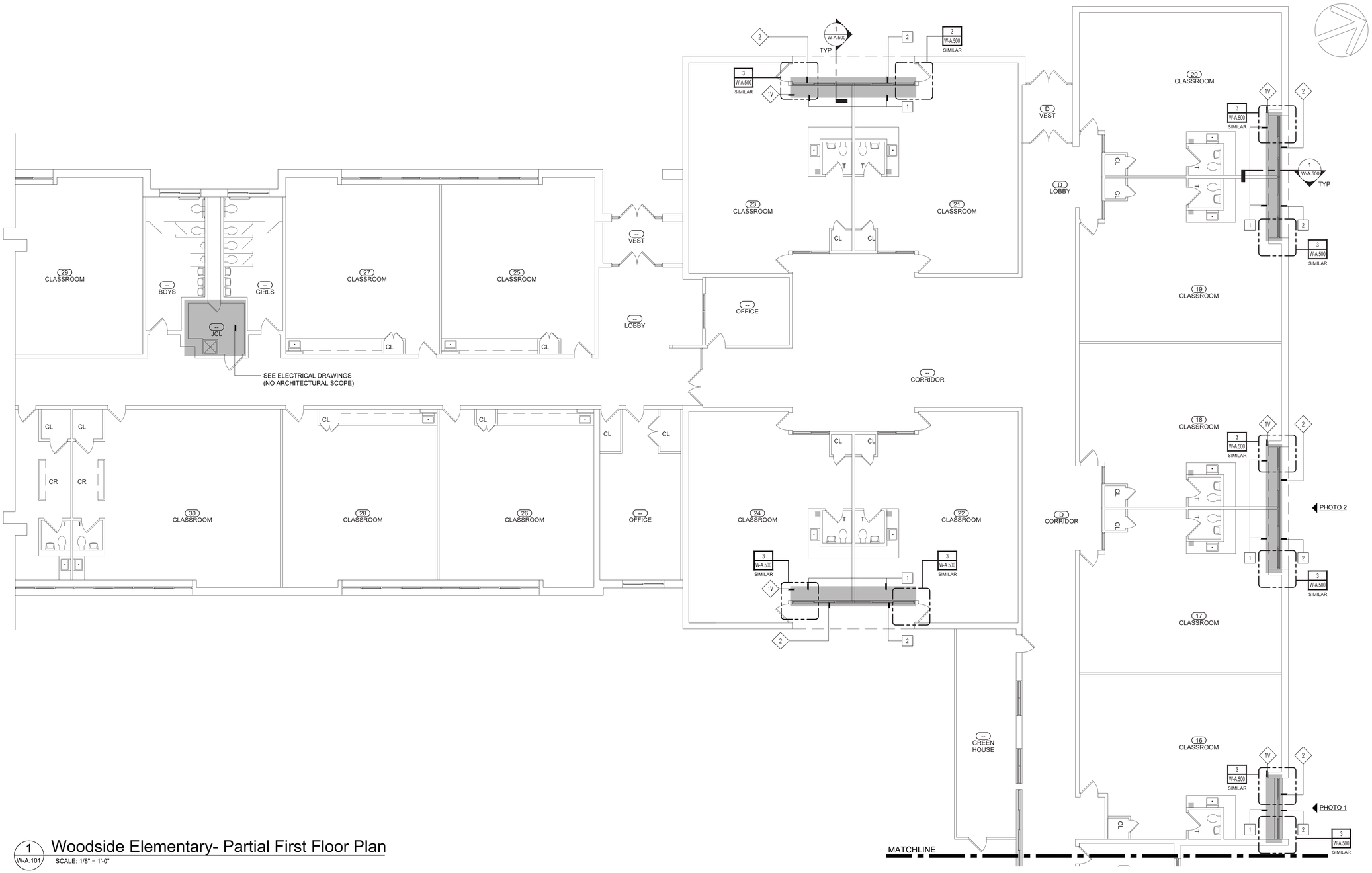
REGISTERED ARCHITECT SHAWN W. HAMLIN STATE OF NEW YORK

DESCRIPTION
Basement Plan

W-A.100.00

(ALTERNATE NO. 1)

FILE LOCATION: /Users/TimG/Desktop/Enter_copied/PRJ/PRJ_203 PCSD Woodside ES/03 Design/04 Construction Docs/01 Plot Sheets/W-A.100.00.dwg
USER: TimG
PLOT DATE: 3/18/2021



1 W-A.101 Woodside Elementary- Partial First Floor Plan

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

LEGEND

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

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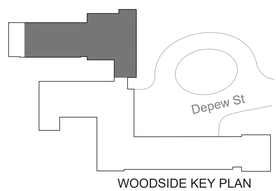

WOODSIDE KEY PLAN

FILE LOCATION: /Volumes/hdglogin.com/enter/PRJ/PRJ_203 PCSD Woodside ES/03 Design/04 Construction Docs/01 Plot Sheets/W-A.101.00.dwg USER: TimG PLOT DATE: 3/16/2021

HAMLIN DESIGN GROUP

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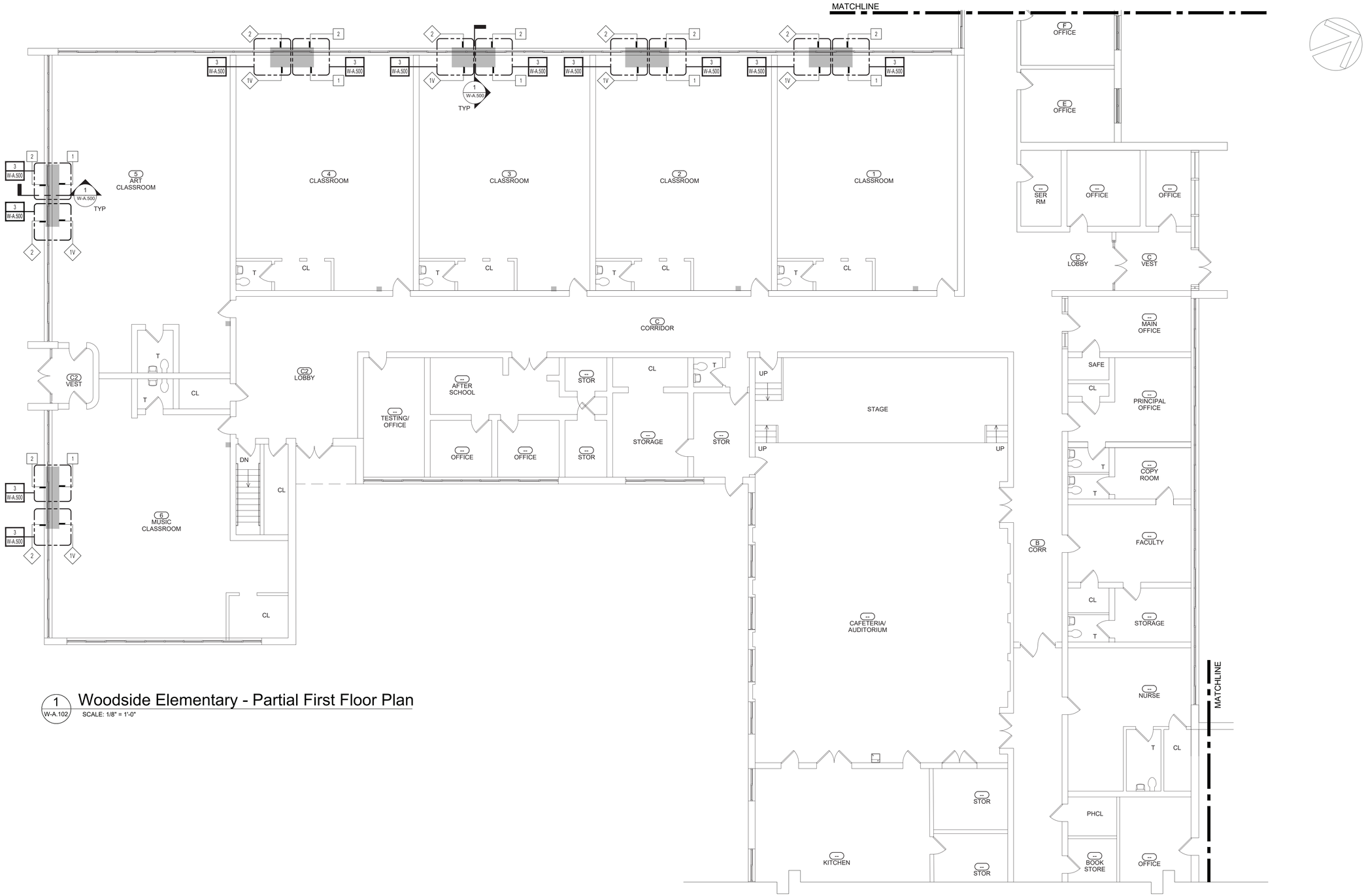
DRAWN BY:
TG

ISSUE: 03/19/2021

REGISTERED ARCHITECT SHAWN W. HAMLIN STATE OF NEW YORK

DESCRIPTION
Partial First Floor Plan

W-A.101.00



1 Woodside Elementary - Partial First Floor Plan

1 W-A.102 SCALE: 1/8" = 1'-0"

LEGEND

- EXISTING WALL CONST. TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
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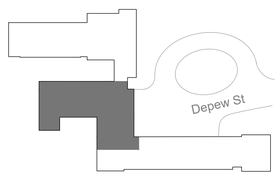

WOODSIDE KEY PLAN

HAMLIN DESIGN GROUP

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DRAWN BY: TG

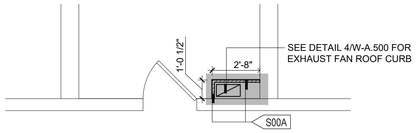
ISSUE: 03/19/2021

REGISTERED ARCHITECT SHAWN W. HAMLIN 026215 STATE OF NEW YORK

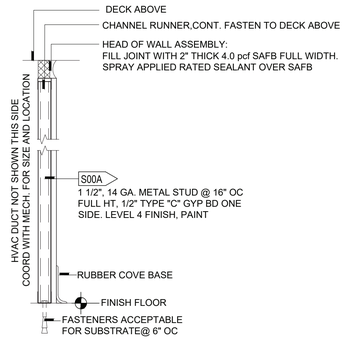
DESCRIPTION
Partial First Floor Plan

W-A.102.00

(ALTERNATE NO. 2)

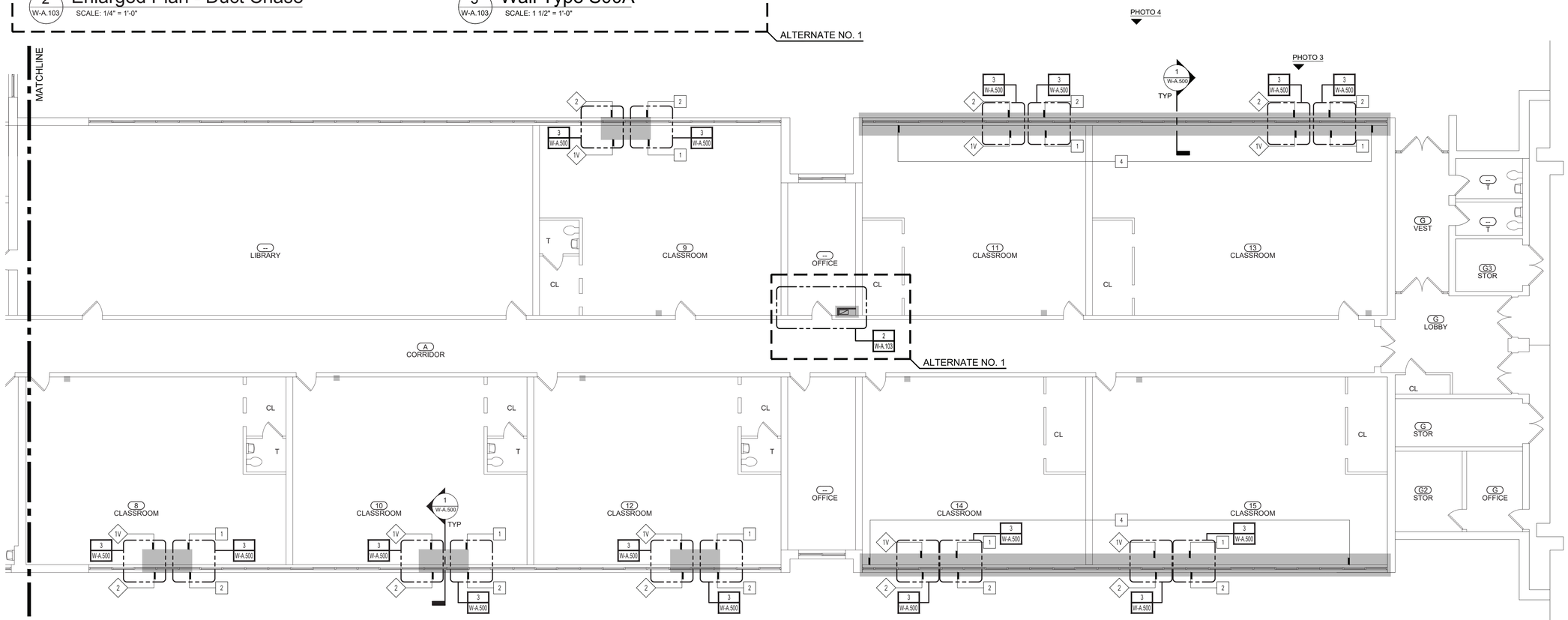


2 W-A.103 — Enlarged Plan - Duct Chase
SCALE: 1/4" = 1'-0"



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

ALTERNATE NO. 1



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

LEGEND

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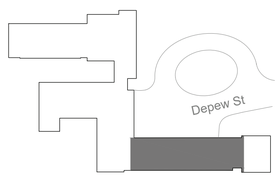

WOODSIDE KEY PLAN

FILE LOCATION: /Users/TimG/Desktop/Enter_copied/PRJ/PRJ_203 PCSD Woodside ES/03 Design/04 Construction Docs/01 Plot Sheets/W-A.103.00.dwg USER: TimG PLOT DATE: 3/18/2021

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DRAWN BY: TG

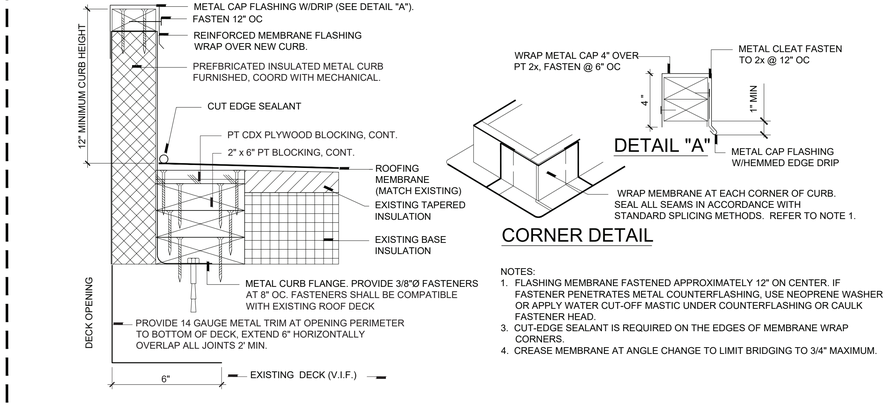
ISSUE: 03/19/2021

REGISTERED ARCHITECT SHAWN W. HAMLIN STATE OF NEW YORK

DESCRIPTION
Partial First Floor Plan

W-A.103.00

(PARTIAL ALTERNATE NO. 1)

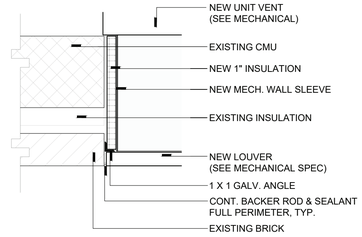


NOTES:
1. FLASHING MEMBRANE FASTENED APPROXIMATELY 12" ON CENTER. IF FASTENER PENETRATES METAL COUNTERFLASHING, USE NEOPRENE WASHER OR APPLY WATER CUT-OFF MASTIC UNDER COUNTERFLASHING OR CAULK FASTENER HEAD.
3. CUT-EDGE SEALANT IS REQUIRED ON THE EDGES OF MEMBRANE WRAP CORNERS.
4. CREASE MEMBRANE AT ANGLE CHANGE TO LIMIT BRIDGING TO 3/4" MAXIMUM.

4 W-A.500 Woodside Elementary - Roof Curb Detail

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

ALTERNATE NO. 1



3 W-A.500 Woodside Elementary - Typical Jamb Detail at Unit Vent

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

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

PHOTO 1

PHOTO 2

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

NEW 108"X28" LOUVER. MATCH COLOR AND PROFILE OF EXISTING (DARK ANODIZED). PROVIDE LINTEL FOR NEW OPENING.

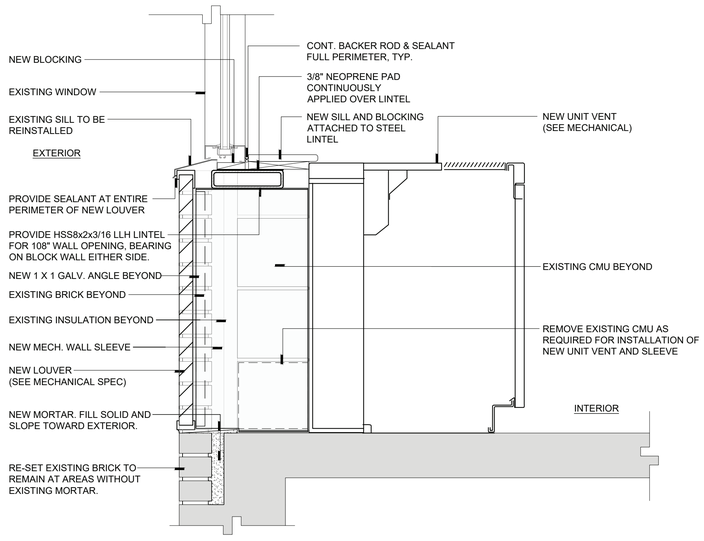
PHOTO 3

PHOTO 4

NEW 108"X28" LOUVER. MATCH COLOR AND PROFILE OF EXISTING (DARK ANODIZED). PROVIDE LINTEL FOR NEW OPENING.

2 W-A.500 Woodside Elementary - Reference Photos

SCALE: NTS



1 W-A.500 Woodside Elementary - Typical Wall Detail at Unit Vent

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

LINTEL NOTES

1. COORDINATE WALL OPENINGS WITH ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS.
2. FOR OPENINGS NOT OTHERWISE DETAILED OR SCHEDULED, INCLUDING MECHANICAL OPENINGS, MINIMUM LINTELS SHALL BE (FOR EACH 4 INCHES OF MASONRY WIDTH) ONE L3 1/2x3 1/2x5/16 FOR SPANS UP TO 4 FEET; ONE L4x3 1/2x5/16 (LLV) FOR SPANS UP TO 6 FEET; ONE L5x3 1/2x5/16 (LLV) FOR SPANS UP TO 9 FEET. FOR SPANS LESS THAN 2 FEET, PROVIDE A 5/16 INCH PLATE.

   FOR 8-INCH MASONRY WALLS, USE TWO L3 1/2x3 1/2x5/16 (LLV) FOR SPANS UP TO 4 FEET AND A BUILT-UP PLATE SECTION FOR SPANS UP TO 9 FEET. BUILT-UP SECTION SHALL CONSIST OF A HORIZONTAL PLATE 5/16 INCH BY 7 INCHES AND A VERTICAL PLATE 1/2 INCH BY 5 INCHES WELDED TOGETHER WITH 3/16-INCH FILLET WELDS, 3 INCHES LONG AND 6 INCHES ON CENTER ON EACH SIDE OF THE VERTICAL PLATE, TO FORM AN INVERTED TEE.
3. FOR OPENINGS NOT OTHERWISE DETAILED OR SCHEDULED IN 4-INCH-THICK VENEER, INCLUDING MECHANICAL OPENINGS, MINIMUM LINTELS SHALL BE ONE L4x4x5/16 FOR SPANS UP TO 6 FEET AND ONE L6x4x5/16 (LLV) FOR SPANS UP TO 9 FEET. FOR SPANS LESS THAN 2 FEET, PROVIDE A 5/16-INCH PLATE.
4. WELD TOGETHER BACK-TO-BACK LINTELS. MAXIMUM WELD SPACING SHALL NOT EXCEED 18 INCHES ON CENTER.
5. BEAR LINTELS A MINIMUM OF 8 INCHES EACH END UNLESS NOTED OTHERWISE.
6. HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS.

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HDG Project: 203
Woodside Elementary
612 Depew St.,
Peekskill, NY 10566

DRAWN BY: TG

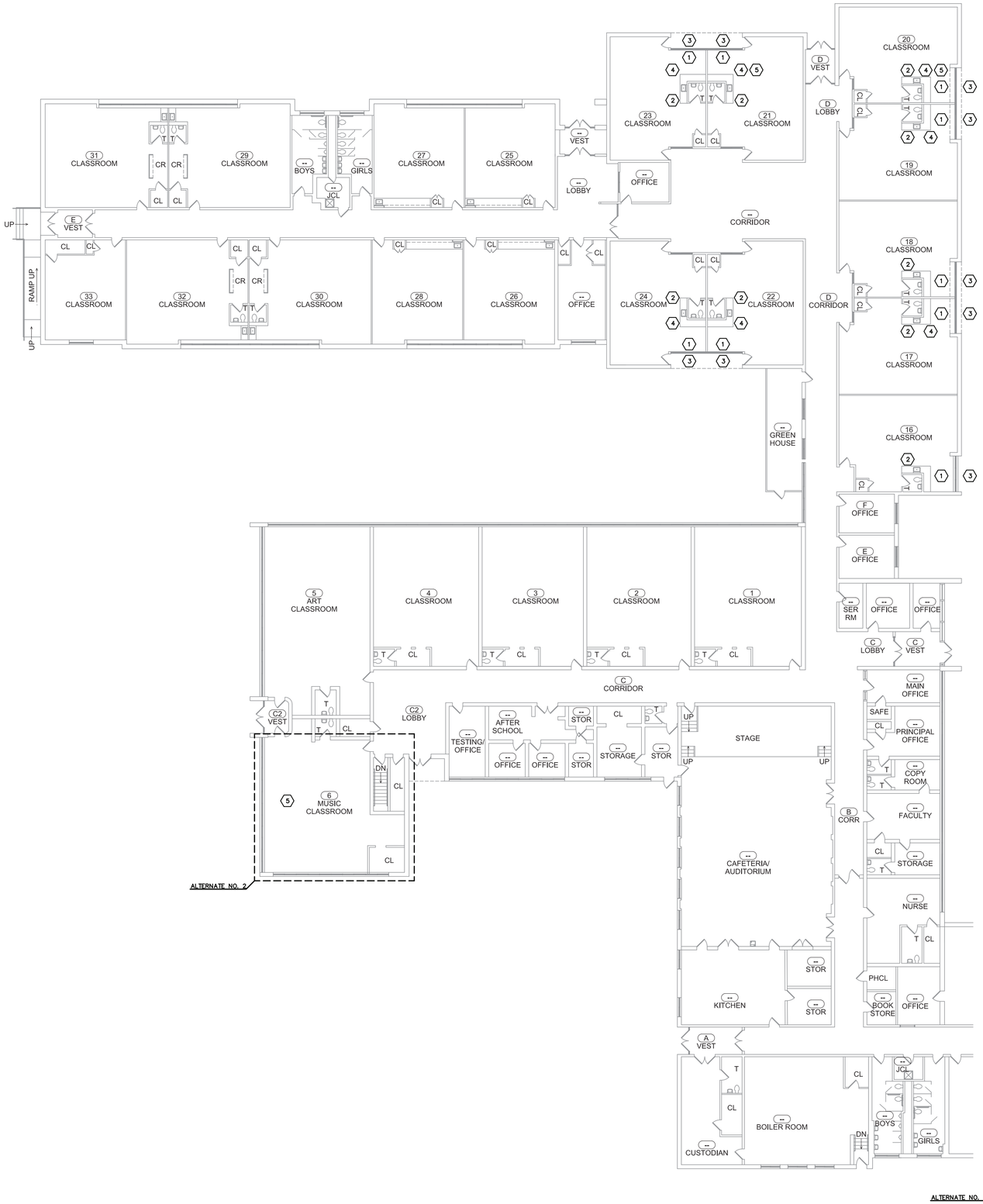
ISSUE: 03/19/2021

REGISTERED ARCHITECT SHAWN W. HAMLIN STATE OF NEW YORK

DESCRIPTION
Details

W-A.500.00

(PARTIAL ALTERNATE NO. 1)



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 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 CONTYRACTOR. INSTALL NEW UNIT VENTILATOR WALL ANCHORS, BACKER PLATES FOR TEMPERATURE SENSORS OR OTHER COMPONENTS IDENTIFIED FOR INSTALLATION ON OR IN DRYWALL AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
12. THE ASBESTOS ABATEMENT CONTRACTOR IS TO NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS PRIOR TO THE START OF WORK.
13. THE ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING THE ASSUMPTIONS AND LIMITATIONS INCLUDED IN THE ENVIRONMENTAL SERVICES REPORT INCLUDED IN THE SPECIFICATION.

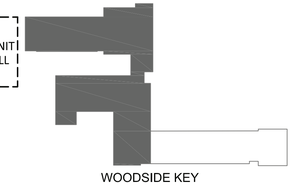
KEYED REMOVAL NOTES

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

ALTERNATE NO. 2

1 WH.101.00 **Woodside Elementary - Partial Existing First Floor Plan**

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



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DRAWN BY: KJ

ISSUE: 03/19/2021

DESCRIPTION
Existing First Floor Hazardous Materials Plan

W-H.101.00

(PARTIAL ALTERNATE NO. 2)

GENERAL REMOVAL NOTES

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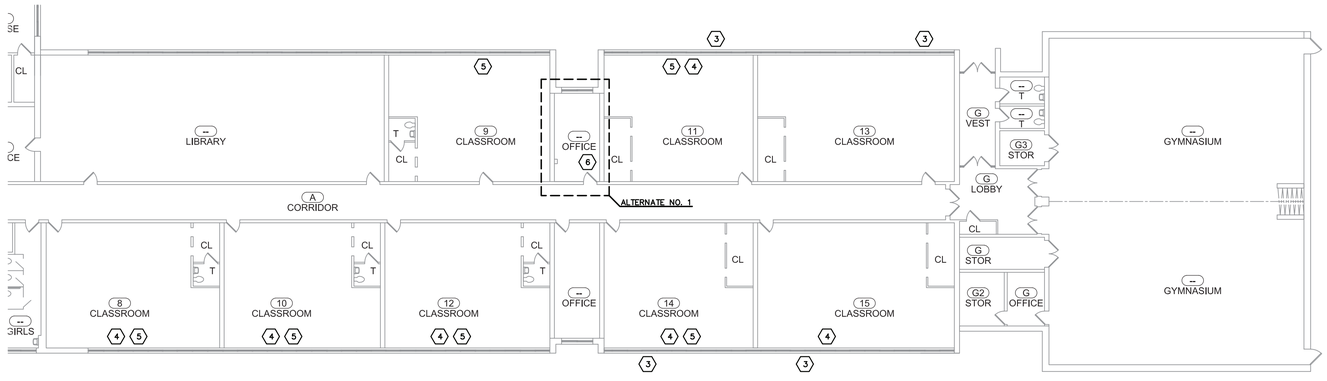
5. ASBESTOS CONTAINING FLOOR TILE MASTIC IS PRESENT IN THIS ROOM. ABATEMENT CONTRACTOR SHALL REMOVE 12X12 FLOOR TILE AND MASTIC AROUND AND UNDER THE UNIT VENTILATOR TO ALLOW FOR THE REPLACEMENT OF THE UNIT VENTILATOR. COORDINATE ALL WORK WITH THE APPROPRIATE CONTRACTORS.

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.

ALTERNATE NO. 1



1 WH.102.00 Woodside Elementary - Partial Existing First Floor Plan

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

WOODSIDE KEY PLAN

HAMLIN DESIGN GROUP

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DRAWN BY: KJ

ISSUE: 03/19/2021

DESCRIPTION
Existing First Floor Hazardous Materials Plan

W-H.102.00

(PARTIAL ALTERNATE NO. 1)

GENERAL NOTES - POWER DISTRIBUTION

A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.

B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.

C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.

D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.

E. DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.

F. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

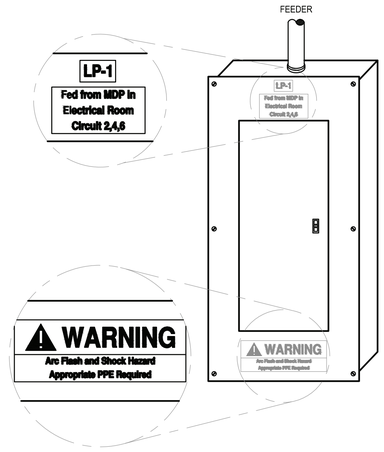
NOTES

A. PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE WHERE THE POWER SUPPLY ORIGINATES PER NEC SECTION 408.4(B).

B. PROVIDE FLASH PROTECTION LABEL PER NEC SECTION 110.16.

C. REFER TO ELECTRICAL IDENTIFICATION SECTION 260195 FOR ADDITIONAL INFORMATION.

D. PROVIDE IDENTIFICATION FOR ALL PANELBOARD INSTALLATIONS.



1 O-E.001.00 **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.

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

	EQUIPMENT						SUPPLY				DISCONNECT			CONTROLS			NOTES
ITEM NO.	NAME	ROOM LOCATION	HP	KW	Ø	VOLTS	PANEL OR CONTROL CENTER	CIRCUIT BREAKER	WIRING FROM PANEL TO CONTROL UNIT	WIRING FROM CONTROL UNIT TO EQUIPMENT	AMPS	FUSE SIZE	NEMA RATING	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	
1	UV-1	CLASSROOM 1	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
2	UV-2	CLASSROOM 2	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
3	UV-3	CLASSROOM 3	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
4	UV-4	CLASSROOM 4	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
5	UV-5	CLASSROOM 5	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
6	UV-6	CLASSROOM 6	-	-	3	208	LP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	4
7	UV-8	CLASSROOM 8	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
8	UV-9	CLASSROOM 9	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
9	UV-10	CLASSROOM 10	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
10	UV-11	CLASSROOM 11	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
11	UV-12	CLASSROOM 12	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2, 7
12	UV-13	CLASSROOM 13	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2, 7
13	UV-14	CLASSROOM 14	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2, 7
14	UV-15	CLASSROOM 15	-	-	3	208	MP-1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2, 7
15	UV-16	CLASSROOM 16	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	-
16	UV-17	CLASSROOM 17	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	-
17	UV-18	CLASSROOM 18	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
18	UV-19	CLASSROOM 19	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
19	UV-20	CLASSROOM 20	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
20	UV-21	CLASSROOM 21	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	1
21	UV-22	CLASSROOM 22	-	-	3	208	PPA	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2
22	UV-23	CLASSROOM 23	-	-	3	208	MP-2	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2
23	UV-24	CLASSROOM 24	-	-	3	208	MD1	40A/3P	(3)-#3, (1)-#10 EGC IN 3/4"C	-	-	-	-	-	-	-	2
24	DHU-1	CRAWL SPACE	-	-	1	208	LP-2	40A/2P	(2)-#3, (1)-#10 EGC IN 3/4"C	(2)-#3, (1)-#10 EGC IN 3/4"C	60	NF	1	-	-	-	5, 6
25	DHU-2	CRAWL SPACE	-	-	1	208	MP-2	40A/2P	(2)-#3, (1)-#10 EGC IN 3/4"C	(2)-#3, (1)-#10 EGC IN 3/4"C	60	NF	1	-	-	-	3, 5
26	EF-1	ROOF	1/4	-	1	120	MP-1	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	-	8

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.
4. ALTERNATE NO. 2.
5. ALTERNATE NO. 1.
6. IN LIEU OF ALTERNATE NO. 2 NOT BEING ACCEPTED CIRCUIT DUH-1 TO MDP. PROVIDE 3-#6, 1-#8 EGC IN 1"C AND 40A, 2-POLE BREAKER.
7. REMOVE & RE-WORK EXISTING 20A, 1-POLE BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE 3-POLE BRANCH CIRCUIT BREAKERS.
8. PROVIDE 15A, 1-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.

POWER

M1	MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
1	NON-FUSED DISCONNECT NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
	FUSED DISCONNECT
ECB	ENCLOSED CIRCUIT BREAKER
	EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
	SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
PNL CKT#	INDICATES HOMERUN TO PANEL PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4"C UNLESS OTHERWISE NOTED

GENERAL

#	REMOVAL NOTE
#	INSTALLATION NOTE
	OFFSET FOR CLARITY

MOUNTING HEIGHTS

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

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	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	AUXILLARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTI MODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPD	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 SURPRESSION
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

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Peekskill Reconstruction

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

Oakside Elementary
200 Decatur Ave.,
Peekskill, NY 10566

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

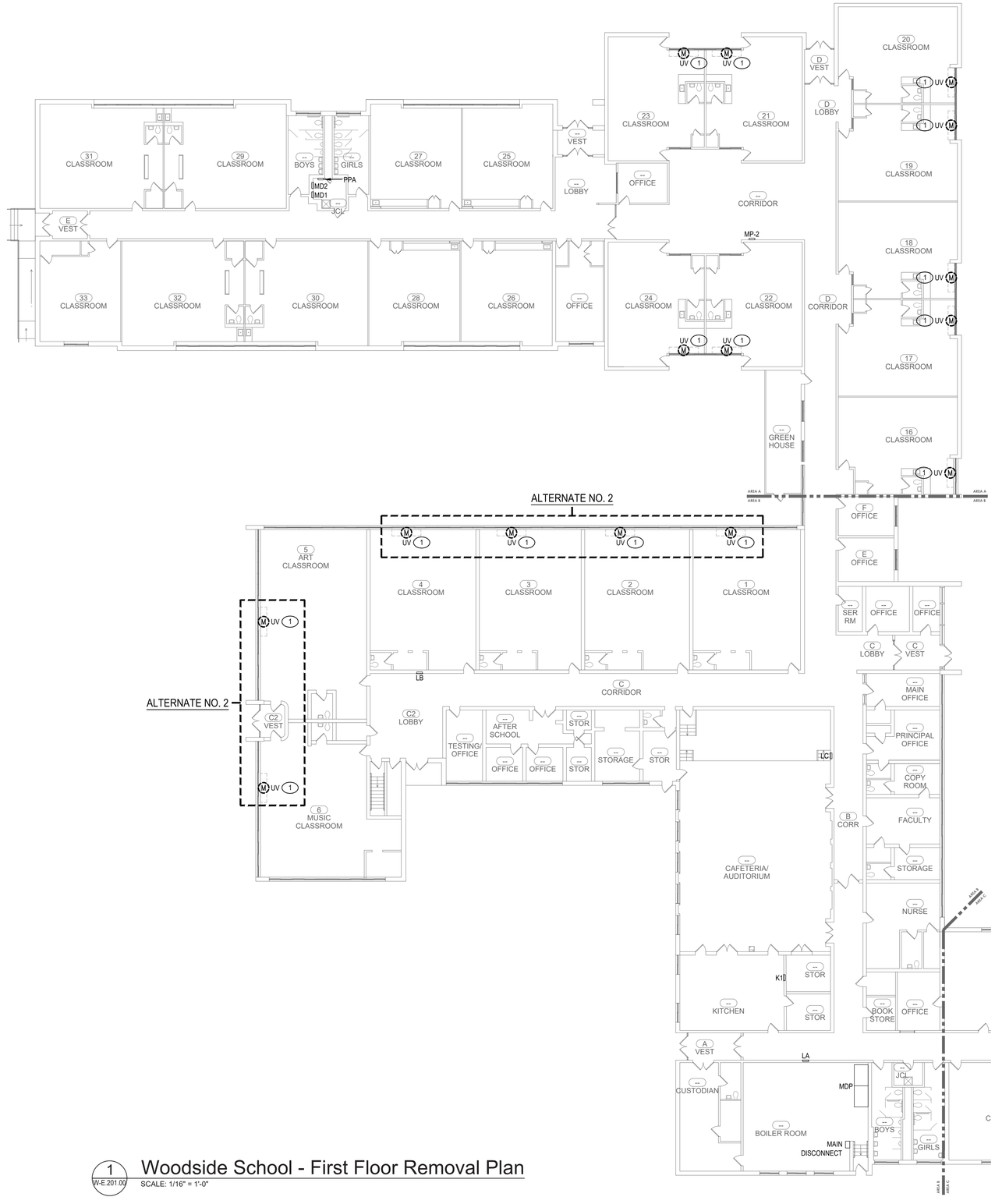
Woodside Elementary
612 Depew St.,
Peekskill, NY 10566

DRAWN BY: SDK
ISSUE: 03/19/2021

STATE OF NEW YORK — SCOTT C. JAMESON — 027892 — PROFESSIONAL ENGINEER

DESCRIPTION
Legend, General Notes, Schedules and Details

W-E.001.00

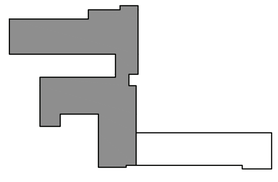


1 W-E.201.00 Woodside School - First Floor Removal Plan

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

REMOVAL NOTES:

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY



KEY PLAN

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Woodside Elementary

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DRAWN BY:
SDK

ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. EMERSON · 087832 · PROFESSIONAL ENGINEER

DESCRIPTION
First Floor Removal Plan

W-E.201.00

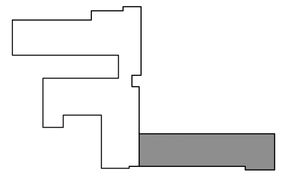
(PARTIAL ALTERNATE NO. 2)

REMOVAL NOTES:

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

1 W-E.202.00 Woodside School - First Floor Removal Plan (con't)

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



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DRAWN BY:
SDK

ISSUE: 03/19/2021

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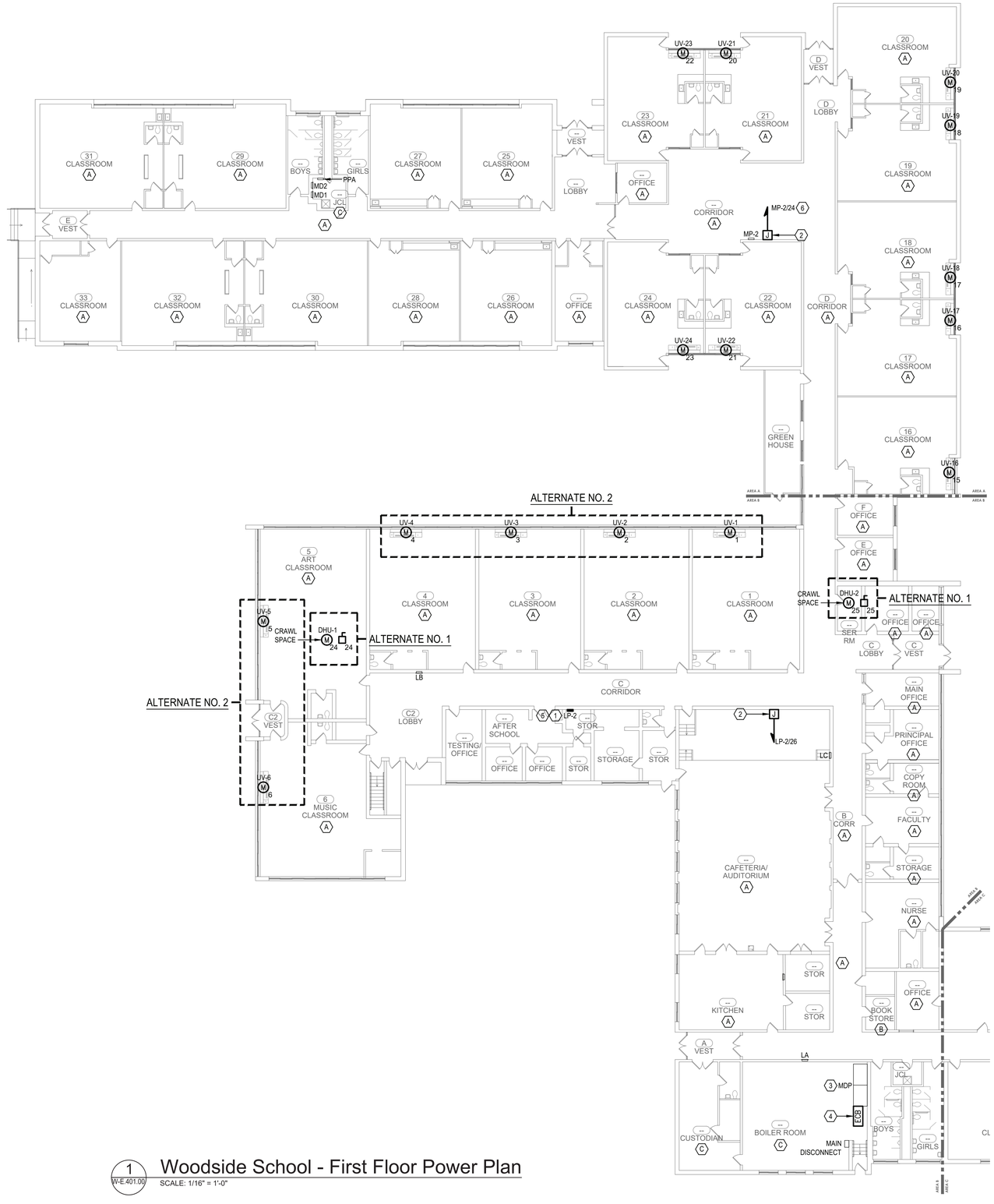
DESCRIPTION
First Floor Removal Plans

W-E.202.00



1 W-E.401.00 Woodside School - First Floor Power Plan

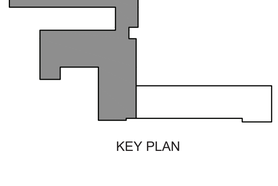
SCALE: 1/16" = 1'-0"

DRAWING NOTES:

1. ALTERNATE NO. 2: COORDINATE FINAL LOCATIONS WITH OWNER PRIOR TO ROUGH-IN OF FEEDERS AND PANELBOARDS.
2. ALTERNATE NO. 2: PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.
3. ALTERNATE NO. 2: EXISTING 208Y/120V, 1,200A MLO, 3-PHASE, 4-WIRE DISTRIBUTION PANELBOARD. PROVIDE BUS TAP AND LUGS FOR PANELBOARD LP2 ENCLOSED CIRCUIT BREAKER (ECB).
4. ALTERNATE NO. 2: PROVIDE 600V, 3-POLE, 225A ENCLOSED CIRCUIT BREAKER AND (4)-#4/0 AWG, (1)-#4 AWG EGC IN 2-1/2"C FROM MDP FOR PANELBOARD LP2.
5. ALTERNATE NO. 2: PROVIDE (4)-#4/0 AWG, (1)-#4 AWG EGC IN 2-1/2"C FROM ECB FOR PANELBOARD LP-2.
6. CONNECT TO SPARE 20A, 1-POLE BRANCH CIRCUIT BREAKER.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



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Client:
Peekskill Schools

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: 66-15-00-01-0-008-017
HDG Project: 203
Woodside Elementary
612 Depew St.,
Peekskill, NY 10566

DRAWN BY: SDK

ISSUE: 03/19/2021

STATE OF NEW YORK SCOTT C. ANDERSON 087892 LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
First Floor Power Plan

W-E.401.00

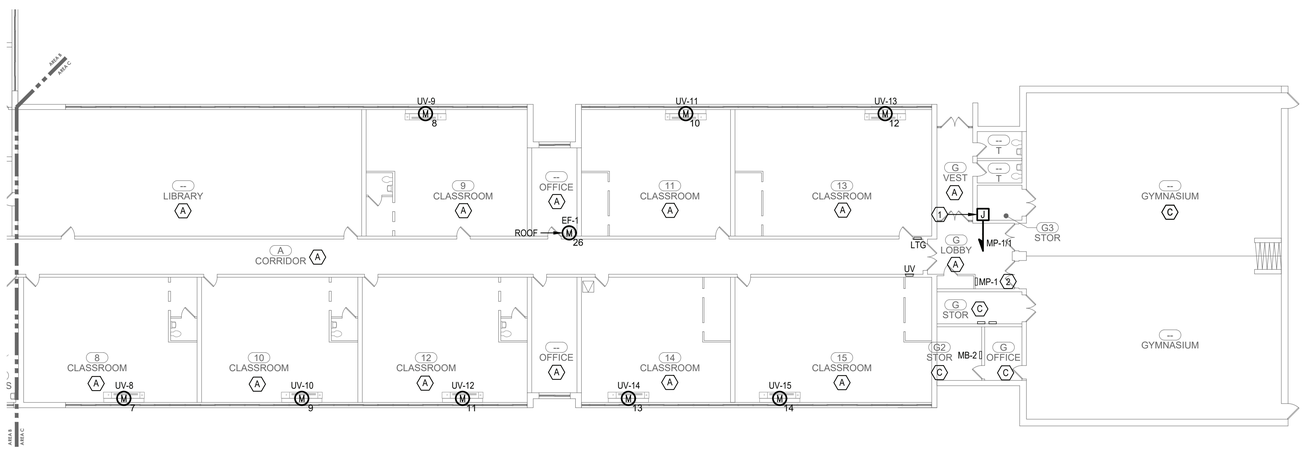
(PARTIAL ALTERNATE NO.1&2)

PANELBOARD SCHEDULE - LP-2 (ALTERNATE NO. 2)

LOCATION - STORAGE	SOURCE - ECB	MOUNTING - SURFACE
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1

SE RATED ☐ FEED-THRU LUGS ☐
HINGED TRIM ☒ SUB FEED LUGS ☐
COMPUTER GRADE ☐ SUB-FEED BREAKER ☐
200% NEUTRAL ☐ ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT
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										

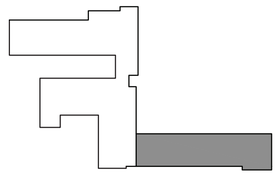


1 W-E.402.00 Woodside School - First Floor Power Plan (con't)
SCALE: 1/16" = 1'-0"

DRAWING NOTES:

1. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.
2. PROVIDE 20A, 1-POLE BRANCH CIRCUIT BREAKER "EATON PRL1A" SERIES.

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



KEY PLAN

HAMLIN DESIGN GROUP

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DRAWN BY:
SDK

ISSUE: 03/19/2021

SCOTT C. SMEDSON — STATE OF NEW YORK — 087832 — LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
First Floor Power Plan and Panelboard Schedules

W-E.402.00

(PARTIAL ALTERNATE NO. 2)

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)	4¼ x ⅜ (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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HAMLIN DESIGN GROUP

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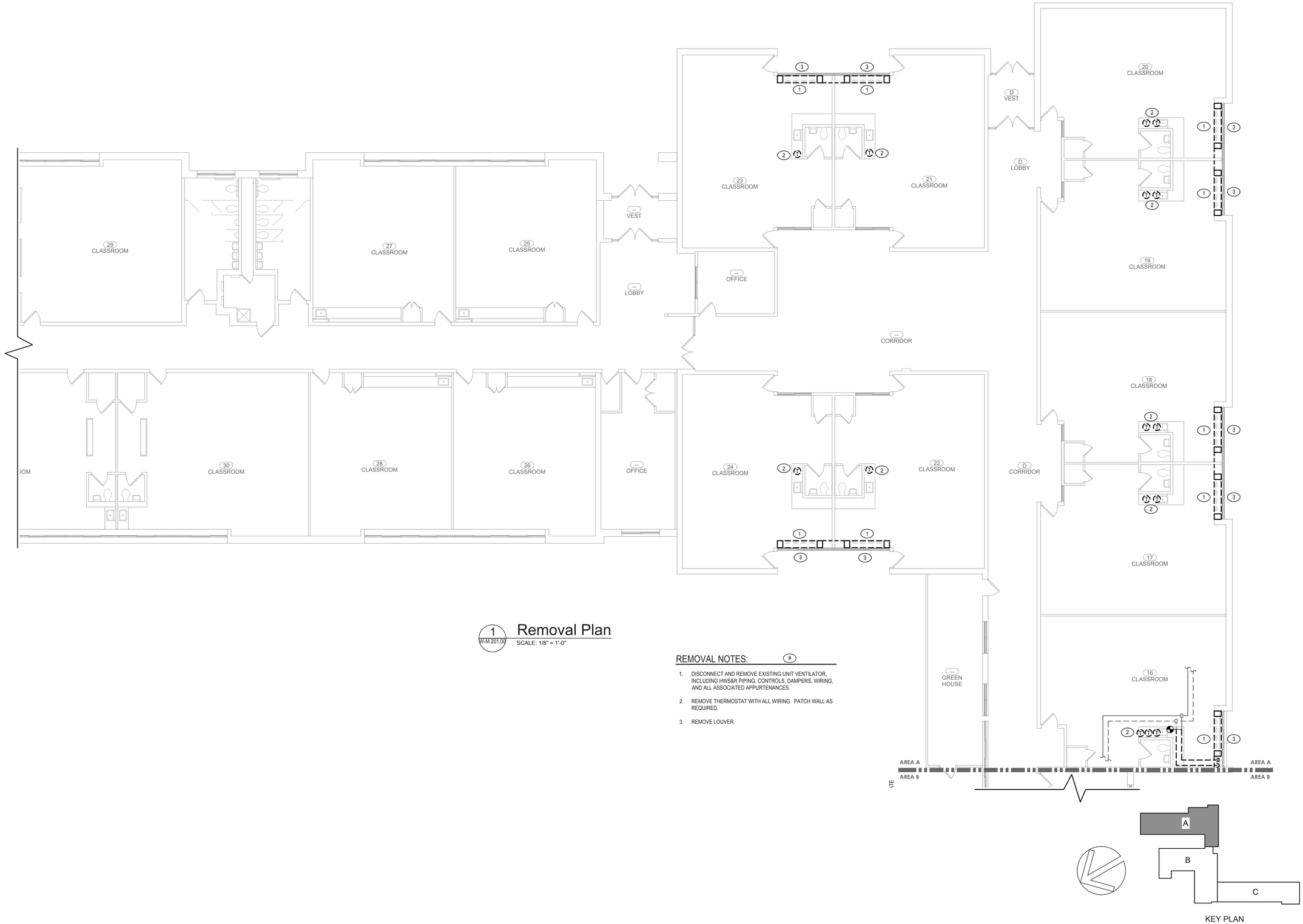
DRAWN BY: MLB

ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. THEISON · 087892 · PROFESSIONAL ENGINEER

DESCRIPTION
HVAC Schedules

W-M.002.00



1 W-M.201.00 **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 LOUVER.

KEY PLAN

HAMLIN DESIGN GROUP

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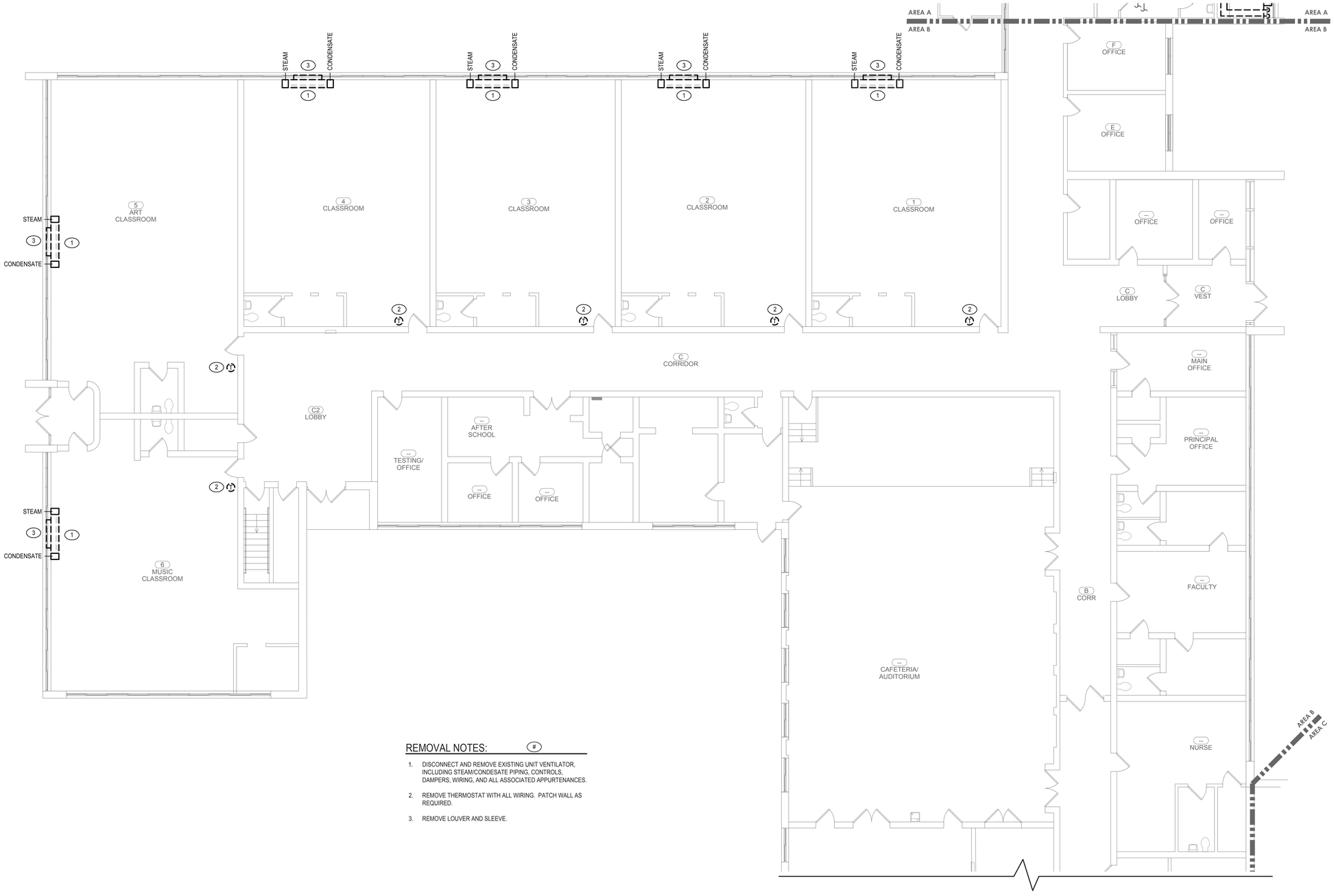
DRAWN BY:
MLB

ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. EMERSON · 087832 · LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
Removal Plan - Area A

W-M.201.00

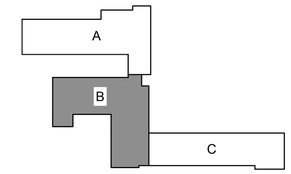


REMOVAL NOTES: (#)

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING STEAM/CONDESATE PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. REMOVE LOUVER AND SLEEVE.

1 / W-M.202.00 — Removal Plan
SCALE: 1/8" = 1'-0"

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE NO. 2



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DRAWN BY: MLB
ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. EMERSON · 087832 · PROFESSIONAL ENGINEER

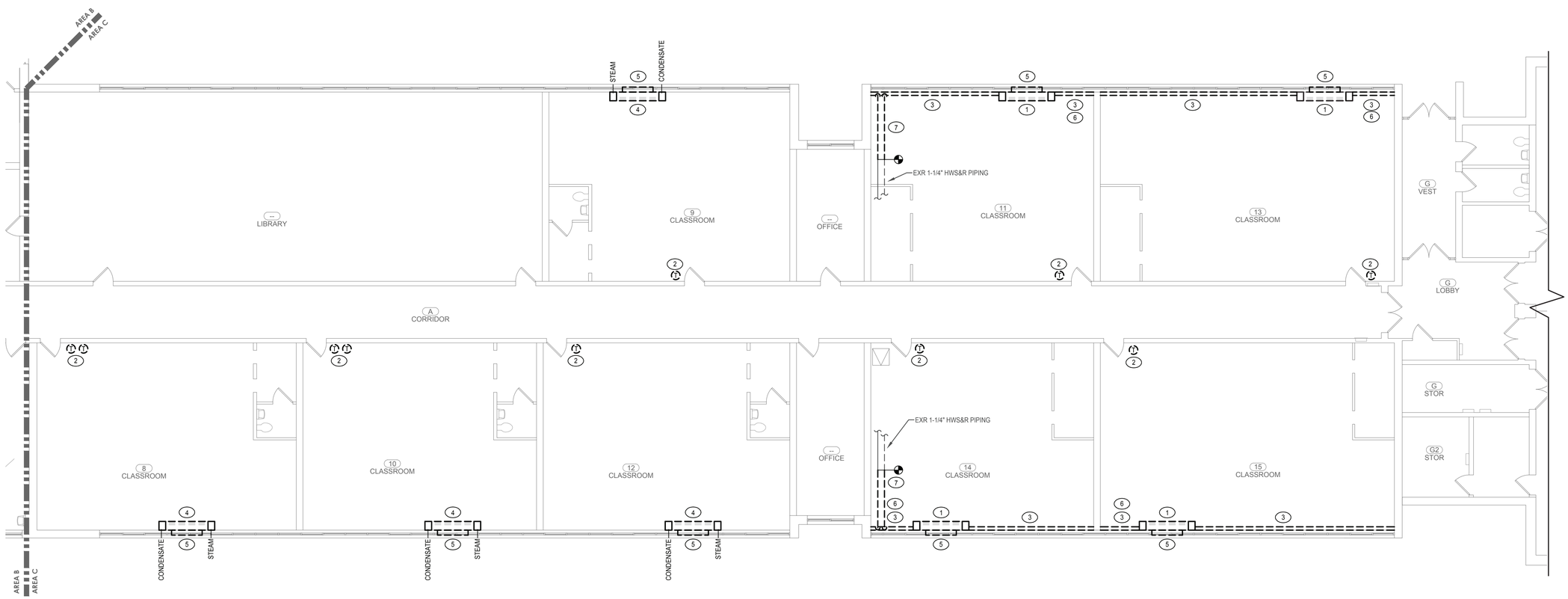
DESCRIPTION
Removal Plan - Area B

W-M.202.00

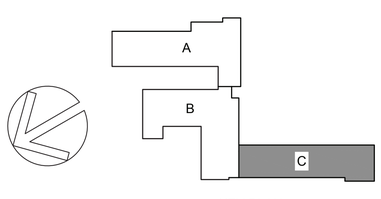
(ALTERNATE NO. 2)

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 CONDESATE 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.



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



KEY PLAN

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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: 66-15-00-01-0-008-017
HDG Project: 203
Woodside Elementary
612 Depew St.,
Peekskill, NY 10566

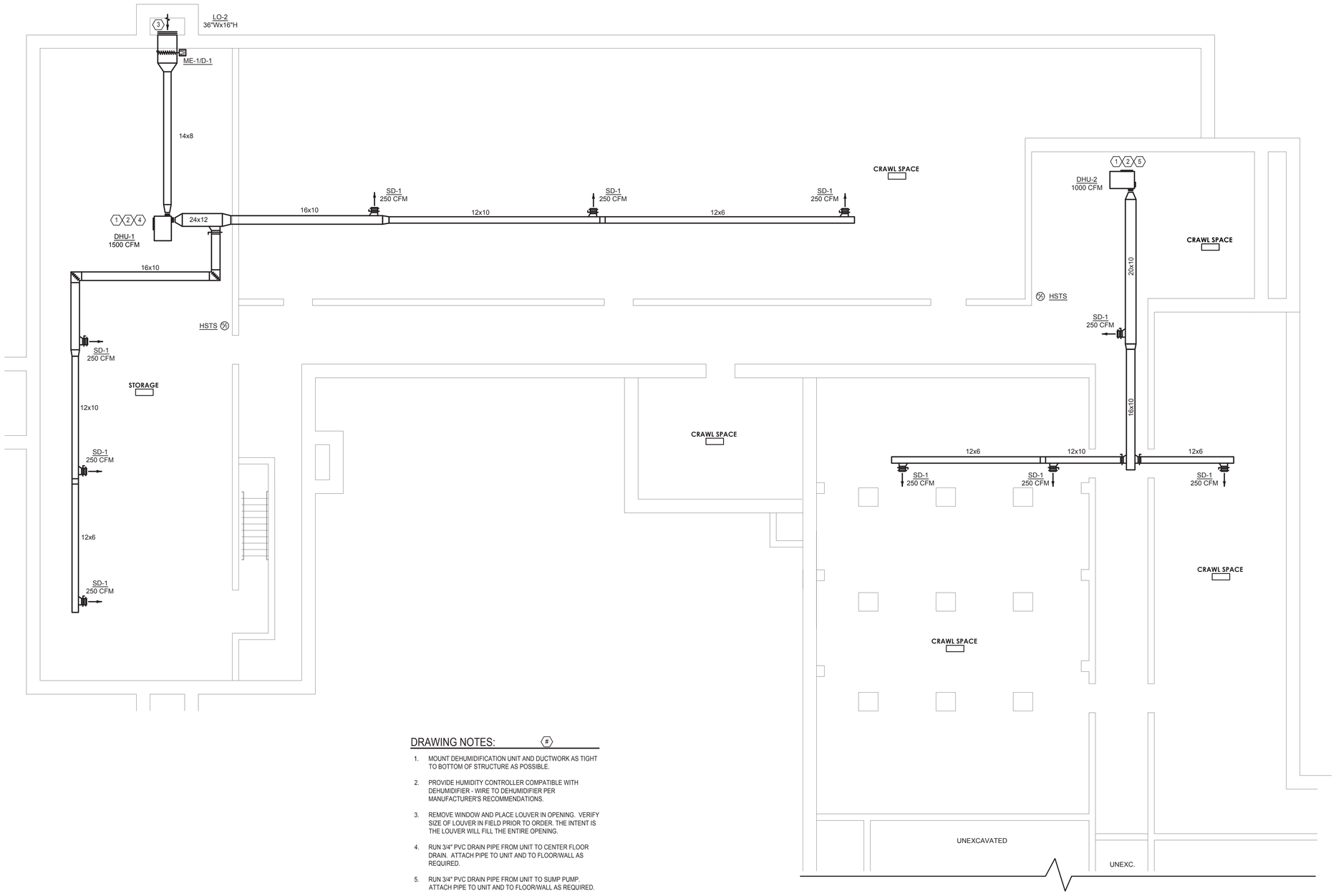
DRAWN BY: MLB

ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. THEISEN · 087892 · PROFESSIONAL ENGINEER

DESCRIPTION
Removal Plan - Area C

W-M.203.00

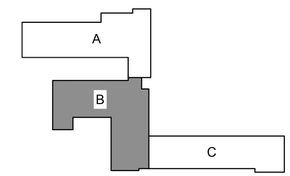


DRAWING NOTES:

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

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE NO. 1



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HDG Project: 203

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DRAWN BY: MLB

ISSUE: 03/19/2021

STATE OF NEW YORK · SCOTT C. JAMESON · 087892 · PROFESSIONAL ENGINEER

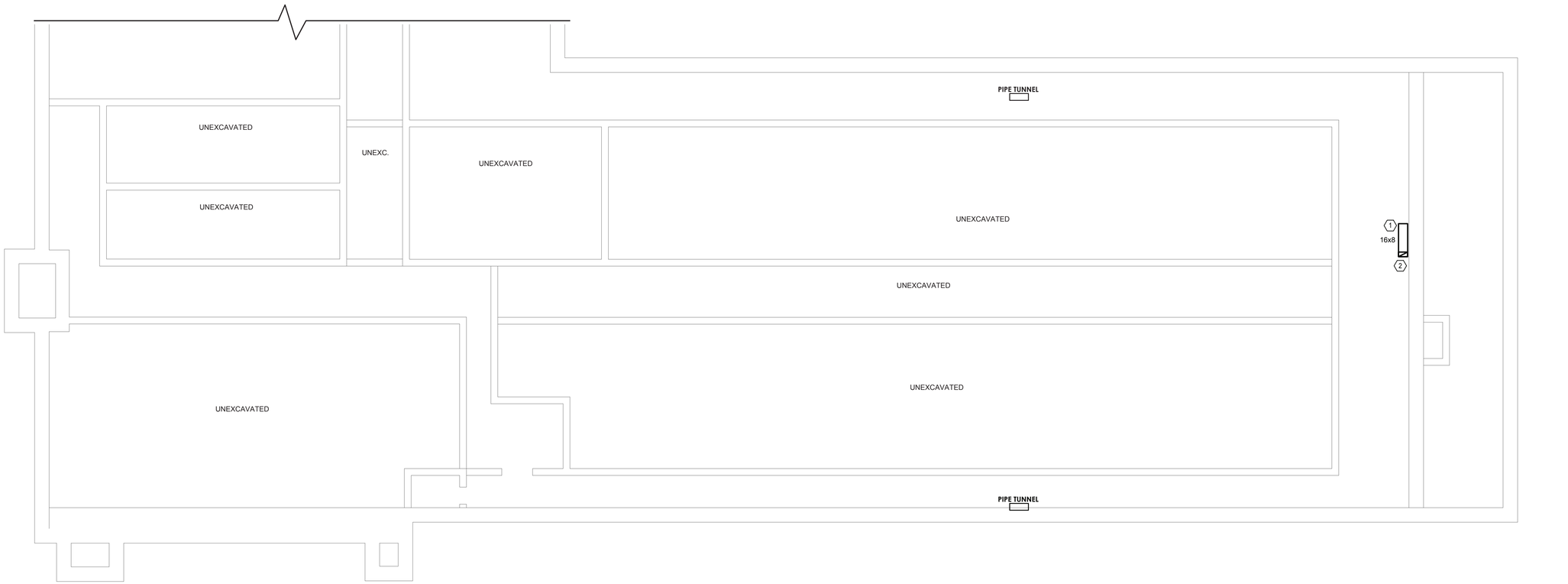
DESCRIPTION
Basement HVAC Plan - Area B

W-M.401.00

(ALTERNATE NO. 1)

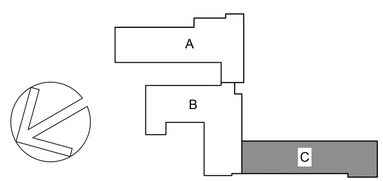
DRAWING NOTES: (#)

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.



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

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE NO. 1



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DRAWN BY:
MLB

ISSUE: 03/19/2021

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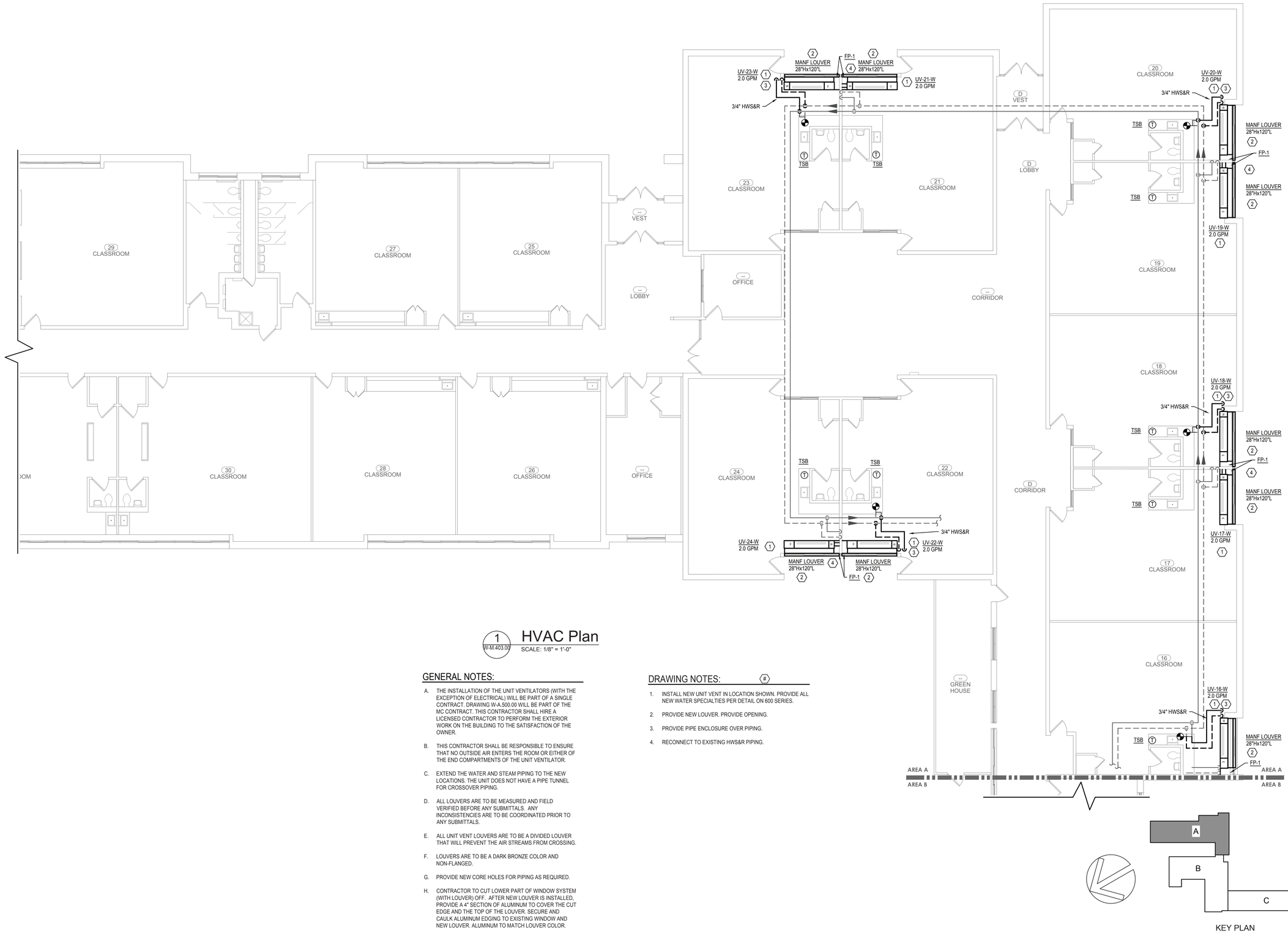
DESCRIPTION
Basement HVAC Plan - Area C

W-M.402.00

(ALTERNATE NO. 1)



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 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 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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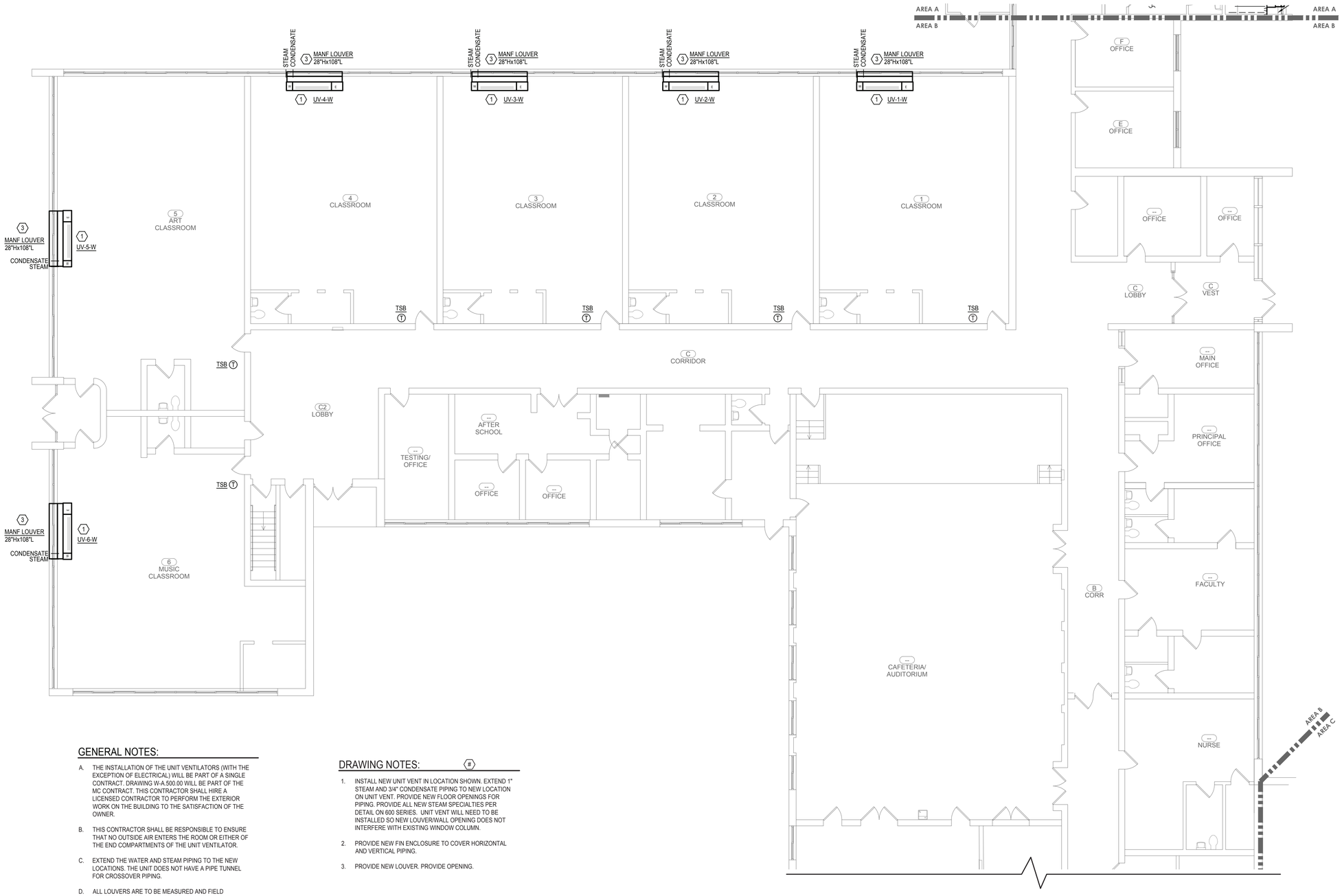
DRAWN BY: MLB

ISSUE: 03/19/2021

STATE OF NEW YORK — TODD C. EMERSON — 078932 — LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
First Floor HVAC Plan - Area A

W-M.403.00



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.

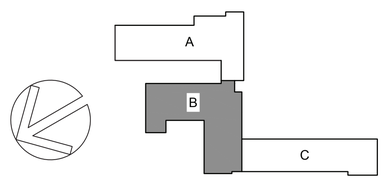
DRAWING NOTES: (#)

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 / W-M.404.00 HVAC Plan

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

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE NO. 2



KEY PLAN

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DRAWN BY: MLB

ISSUE: 03/19/2021

STATE OF NEW YORK — SCOTT C. EMERSON — 078932 — LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
First Floor HVAC Plan - Area B

W-M.404.00

(ALTERNATE NO. 2)

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.

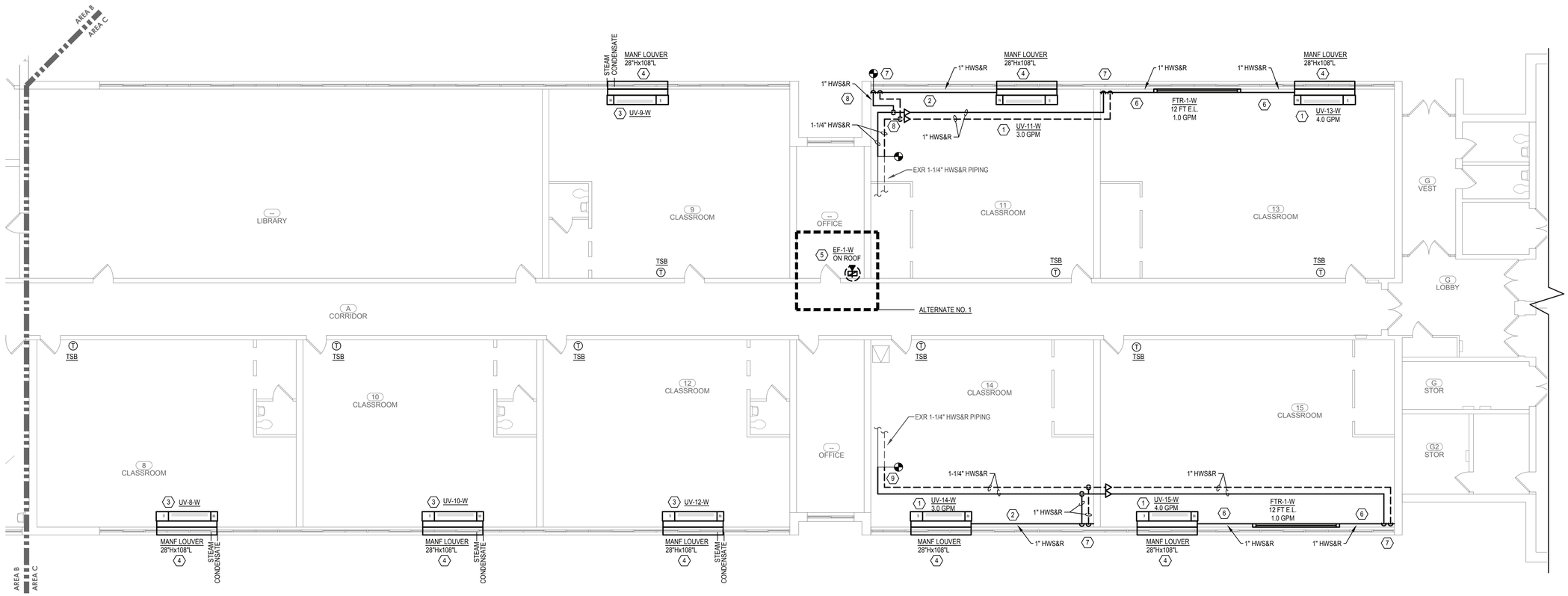
F. LOUVERS ARE TO BE A DARK BRONZE COLOR AND NON-FLANGED.

G. PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

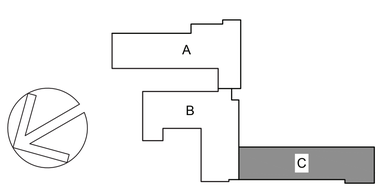
H. CONTRACTOR TO CUT WINDOW SIL FLUSH WITH EXISTING WALL. THIS WOULD BE FOR ALL ROOMS THIS AREA.

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 16x8 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 W-M.405.00 **HVAC Plan**
SCALE: 1/8" = 1'-0"



KEY PLAN

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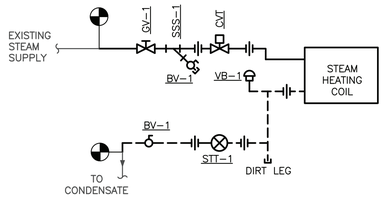
DRAWN BY: MLB

ISSUE: 03/19/2021

DESCRIPTION
First Floor HVAC Plan - Area C

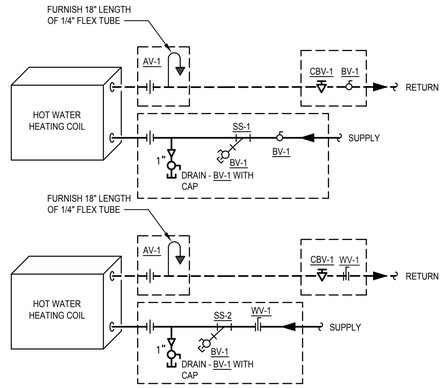
W-M.405.00

(PARTIAL ALTERNATE NO. 1)



1 STEAM UV HEATING COIL DIAGRAM

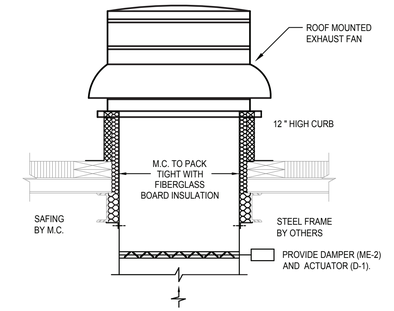
SCALE : NONE



2 TYPICAL UV COIL PIPING DIAGRAM

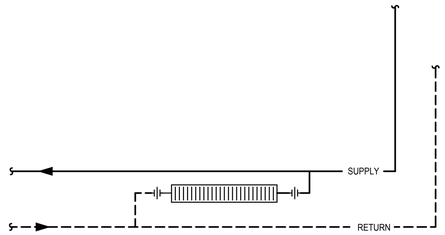
SCALE : NONE

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

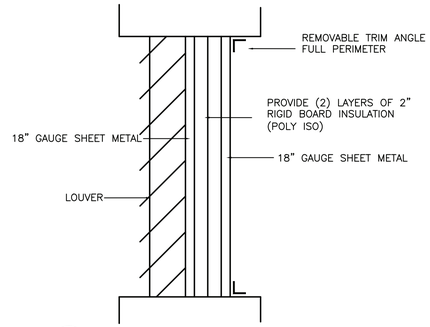
SCALE : NONE



4 TYPICAL FIN TUBE PIPING DIAGRAM

SCALE : NONE

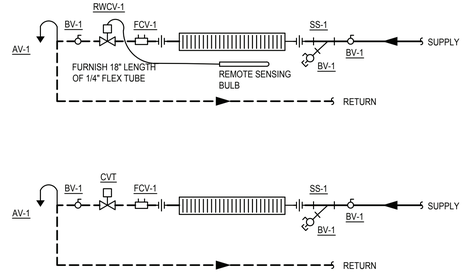
NOTES:
1. REFER TO PIPING DETAIL FOR FIN SPECIALTIES.
2. RUN ALL PIPING AND FIN UNDER FIN COVER.



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.

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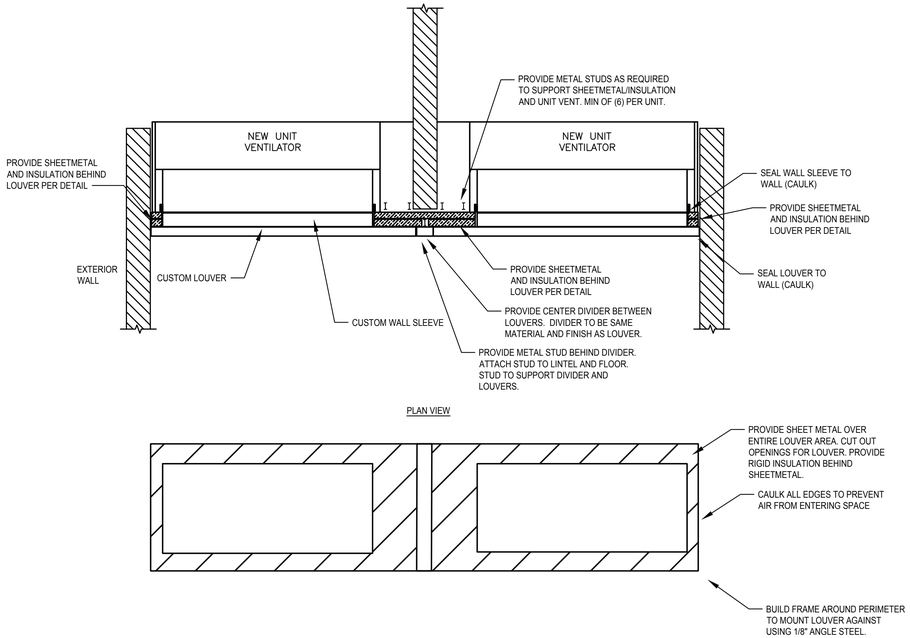
DRAWN BY: MLB

ISSUE: 03/19/2021

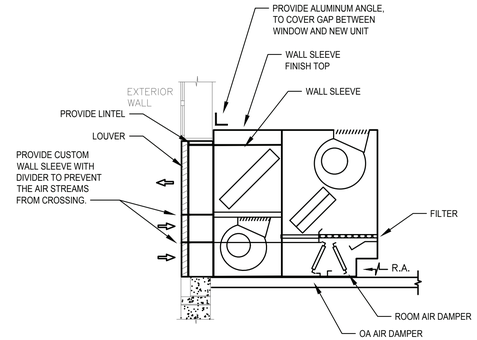
STATE OF NEW YORK — SCOTT C. EMERSON — 077832 — LICENSED PROFESSIONAL ENGINEER

DESCRIPTION
HVAC Details and Diagrams

W-M.601.00



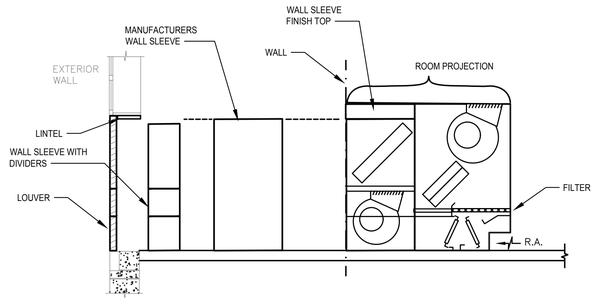
FOR ROOMS: 16, 17, 18, 19, 20, 21, 22, 23, 24



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

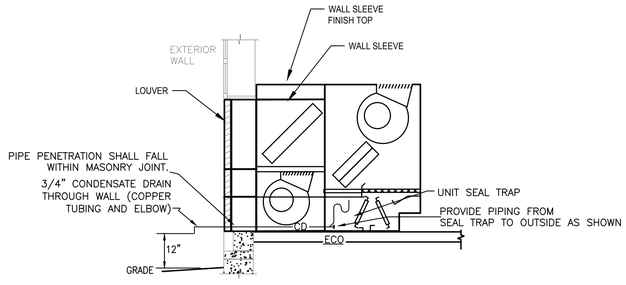
SCALE : NONE

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 PREVENT ANY OUTSIDE AIR FROM ENTERING THE UNIT OR THE ROOM.
5. THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE LOUVER
6. THIS CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO WATER ENTERS BUILDING AROUND NEW LOUVER. CAULK AS REQUIRED. IF JOINT IS LARGER THAN 1/4" CONTRACTOR SHALL PROVIDE A METAL BACKING MATERIAL BETWEEN LOUVER AND WALL AND THEN CAULK WEATHERTIGHT.
7. INSTALL PER MANUFACTURERS INSTRUCTIONS.

NOTE:

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



2 UV CONDENSATE DRAINAGE PIPING DIAGRAM

SCALE : NONE

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

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Peekskill Reconstruction

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HDG Project: 201
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SED Project: 66-15-00-01-0-008-017
HDG Project: 203
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DRAWN BY: MLB

ISSUE: 03/19/2021

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DESCRIPTION
HVAC Details and Diagrams

W-M.602.00