

ADDENDUM NO. 1

**EDGEMONT SCHOOL DISTRICT
GREENVILLE & SEELY PLACE SCHOOLS
HVAC UPGRADES AND CAFETERIA RENOVATIONS**

The attention of Bidders submitting proposals for work on the HVAC Upgrades and Cafeteria Renovations at Greenville ES and Seely Place ES is called to the following Addendum to the Contract Forms and Specifications.

The items set forth herein, whether of omission, addition, substitution or clarification are to be included in and form a part of the proposal submitted. This Addendum is hereby included in and made a part of the Contract Documents, dated January 6, 2023, whether or not attached thereto. All requirements of the original project specifications and drawings shall remain in force except as amended by this addendum.

This Addendum contains changes to the requirements of the Contract Documents. Such changes shall be incorporated into the contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever or any portion of a drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the Specifications shall govern all work described in this Addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., described by the Specifications or drawings for similar items of work shall apply to the work described in this Addendum.

**FULLER AND D'ANGELO, P.C..
ARCHITECTS AND PLANNERS
45 KNOLLWOOD ROAD
ELMSFORD, NEW YORK 10523**

DATE: January 24, 2023

This Addendum consists of three (3) Pages, Sketch SK-A1.0, revised drawings GVES M200, GVES E101, SPES MD100, SPES M100, SPES M101, SPES M102, SPES M103, SPES M104, SPES M200, SPES M203, SPES M300, SPES M400, SPES ER100, SPES ER104, SPES E100, SPES E103, and SPES E104.

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE SPECIFICATIONS:

SECTION 01 1000 - SUMMARY OF CONTRACTS

01 1000-7, 1.14 C. **DELETE** in its entirety.

SECTION 08 1613 - FIBERGLASS DOORS AND ALUMINUM FRAMES

08 1613-9, 2.7 A.1.a **REVISE** "Door Pushbars: SL-150." to read "Exit Device: see section 08 7100.".

08 1613-9, 2.7 A.1.f **ADD** "Door Pull: SL-86.".

SECTION 07 5010 - MODIFICATIONS TO EXISTING ROOFING

07 5010-7, 3.8 E.4 **DELETE** in its entirety.

SECTION 31 2316 - EXCAVATION

31 2316-5, 2.1 **REVISE** "Classified Excavation" to read "Unclassified Excavation".

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE DRAWINGS:

DRAWING SPES A103 – ROOF AND ATTIC PLAN

ADD partial framing plan as show on Sketch SK-A1.0 attached to this addendum.

DRAWING SPES A151 – SEELY PLACE ELEMENTARY SCHOOL ROOF PLAN

ADD note "Duct Enclosure. See similar detail 1&2 A627" to duct riser on RTU-3.

DRAWING SPES S2 – SEELY PLACE ELEMENTARY SCHOOL SECTIONS

REVISE section references "SPES S430" to read "SPES S2".

DRAWING GVES M200 – MECHANICAL DRAWINGS

Rooftop Unit Installation Detail, **REVISE** ductwork note as shown on drawing attached to this addendum.

DRAWING GVES E101 – FIRST FLOOR ELECTRICAL PLAN

Details 1 & 2, **REVISE** notes as per drawing attached to this addendum.

DRAWING SPES MD100 – MECHANICAL DEMO PLAN LOWER LEVEL

Detail 1, **ADD** removal note as shown on drawing attached to this addendum.

DRAWING SPES M100 – LOWER LEVEL MECHANICAL PLAN

Detail 1, **ADD** Key Notes as shown on drawing attached to this addendum.

DRAWING SPES M101 – FIRST FLOOR MECHANICAL PLAN

Detail 1, **ADD** Key Note #2 as shown on drawing attached to this addendum.

DRAWING SPES M102 – SECOND FLOOR MECHANICAL PLAN

Detail 1, **ADD** notes as shown on drawing attached to this addendum.

DRAWING SPES M103 – ATTIC MECHANICAL PLAN

Detail 1, **ADD** notes as shown on drawing attached to this addendum.

DRAWING SPES M104 – ROOF MECHANICAL PLAN

Detail 1 & 2, **ADD** notes as shown on drawing attached to this addendum.

DRAWING SPES M200 – MECHANICAL PIPING & CONTROLS PLAN

ADD strainer and valves as shown on drawing attached to this addendum.

DRAWING SPES M203 – MECHANICAL DETAILS

ADD note to RTU Return Ductwork Detail as shown on drawing attached to this addendum.

DRAWING SPES M300 – MECHANICAL SCHEDULES

REVISE schedules as shown on drawing attached to this addendum.

DRAWING SPES M400 – MECHANICAL PIPING DIAGRAMS

ADD inlet and outlet pipe sizes as shown on drawing attached to this addendum.

DRAWING SPES ER100 – BASEMENT ELECTRICAL REMOVALS PLAN

ADD removals and notes as shown on drawing attached to this addendum.

DRAWING SPES ER104 – ROOF ELECTRICAL REMOVALS PLAN

REVISE removal note R1 as shown on drawing attached to this addendum.

DRAWING SPES E100 – BASEMENT AND SUB-BASEMENT ELECTRICAL PLAN

REVISE general note #2 as shown on drawing attached to this addendum.

DRAWING SPES E103 – ATTIC ELECTRICAL PLAN

ADD Detail 2, Disconnect Unistrut Rack Detail as shown on drawing attached to this addendum.

DRAWING SPES E104 – ROOF ELECTRICAL PLAN

ADD note as shown on drawing attached to this addendum.

DRAWING SPES P001 – PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES & DETAILS

Plumbing Equipment Schedule **ADD** “MSB-1 Mop Service Basin: Fiat Products Molded Stone Mop Service Basin model #MSB 3624 w/ the following options; Service Faucet (830-AA), Hose & Hose Bracket (832-AA), Mop Hangar (889-CC), Alternate Strainer (1453-BB), 3” Quick Drain Connector (QDC-3XH) + (QDC-3SN), Silicone Sealant (833-AA).

DRAWING SPES P100 – BASEMENT PLUMBING PLANS

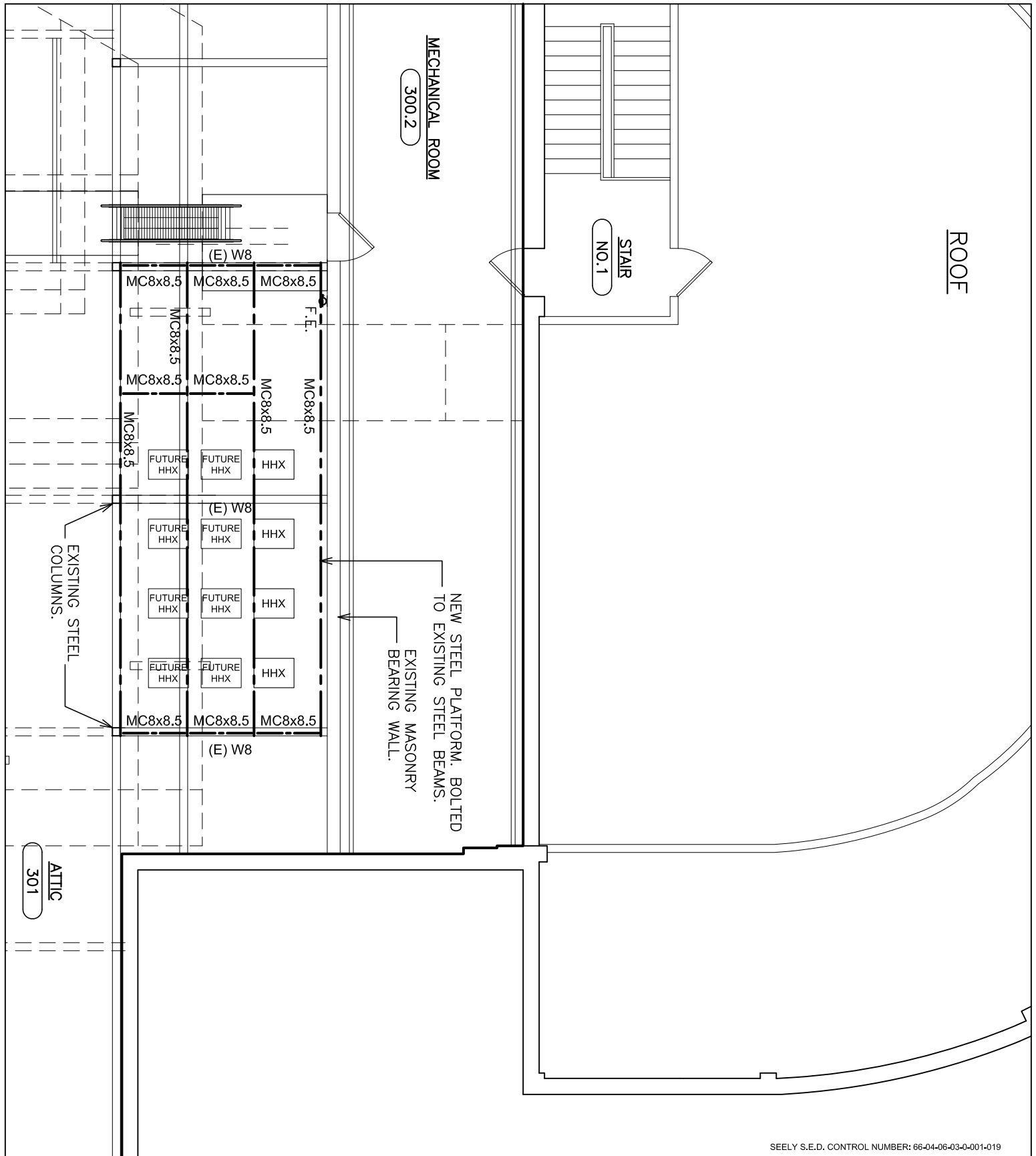
Detail 2, **REVISE** fixture in Janitor’s Closet from FS-1 to MSB-1.

END OF ADDENDUM

The following attachments are being provided for informational purposes:

Bidder RFI Responses (In the event of a discrepancy between these responses and the contract documents, the contract documents shall prevail unless modified by addendum.)

Bid RFI-#001 dated 1/20/23 (1 page).



SEELY S.E.D. CONTROL NUMBER: 66-04-06-03-0-001-019

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ARCHITECTS
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NOTE:
ALL INFORMATION ON
ORIGINAL CONTRACT
DOCUMENT SHALL PERTAIN
UNLESS SPECIFICALLY
CHANGED BY THIS
DRAWING.

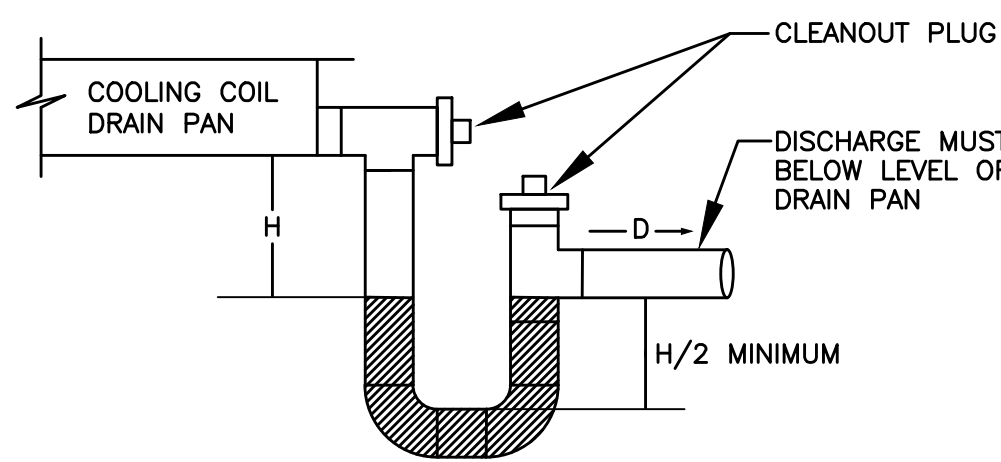
JOB NAME:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE:
SEELY PLACE ELEMENTARY SCHOOL
ATTIC DUNNAGE PLAN

01-19-2023 BID ADDENDUM #1
DATE ISSUED TO

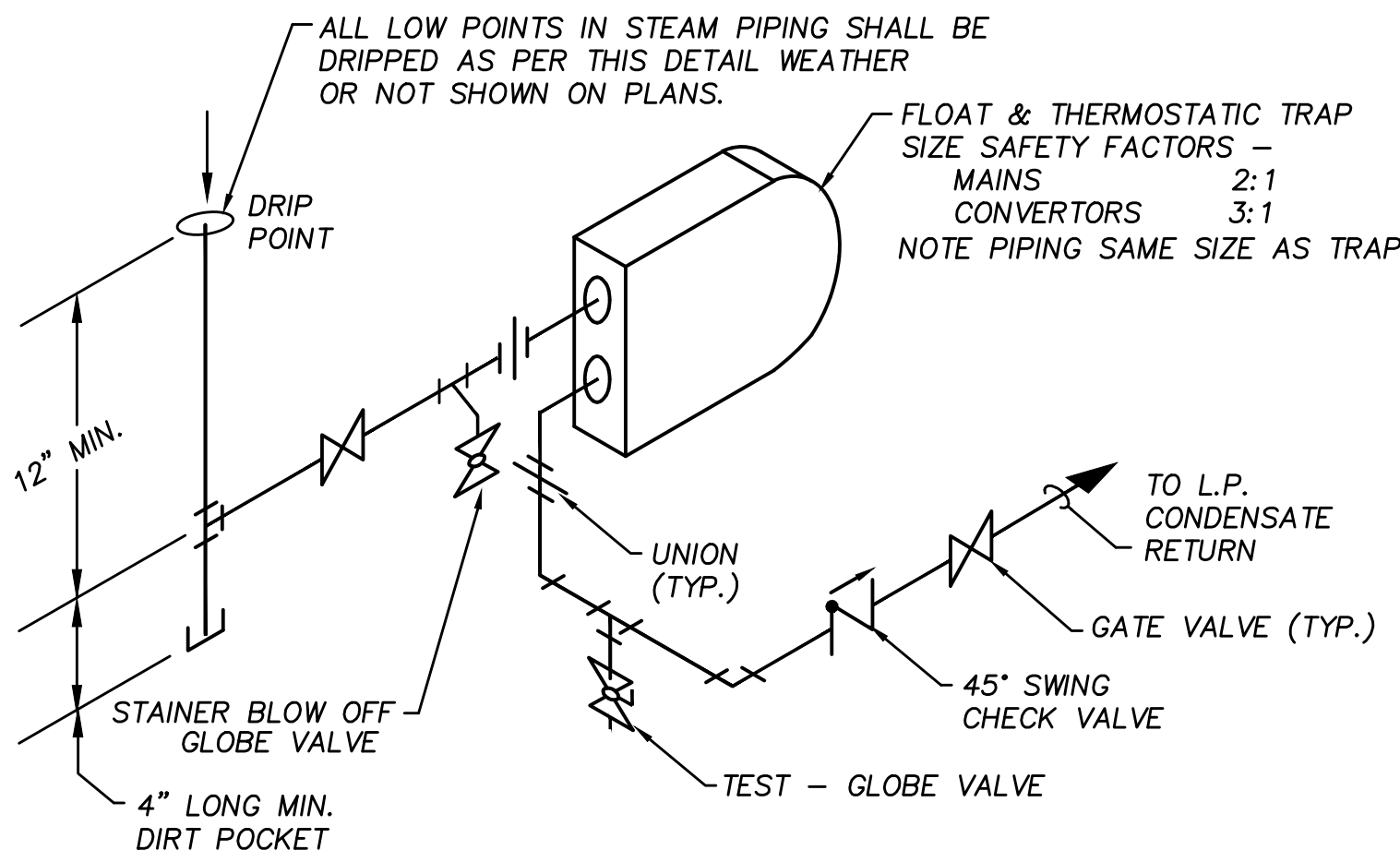
SCALE: AS NOTED

FILE NO. 21434.01
DRAWING NO. SK-A1.0

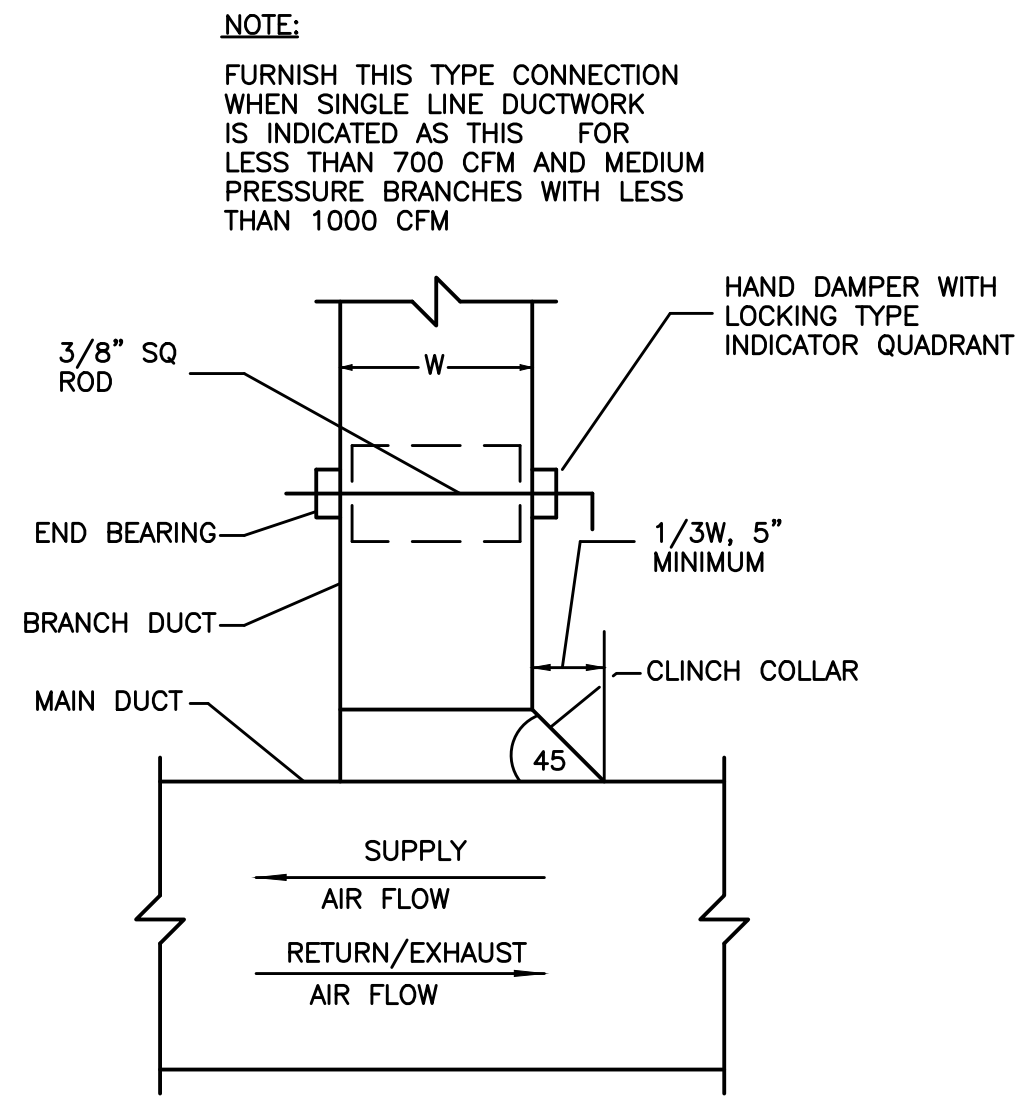


CONDENSATE TRAP DETAIL
DRAW-THRU UNIT
NO SCALE

- NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP.
 2. PITCH DRAIN FOR PROPER RUN-OFF.
 3. MANUALLY PRIME FILL TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL.
 4. SUPPORT LENGTHY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.
 5. FOR PIPING ON ROOF, ROUTE CONDENSATE PIPING TO WITHIN 5FT OF ROOF DRAIN.

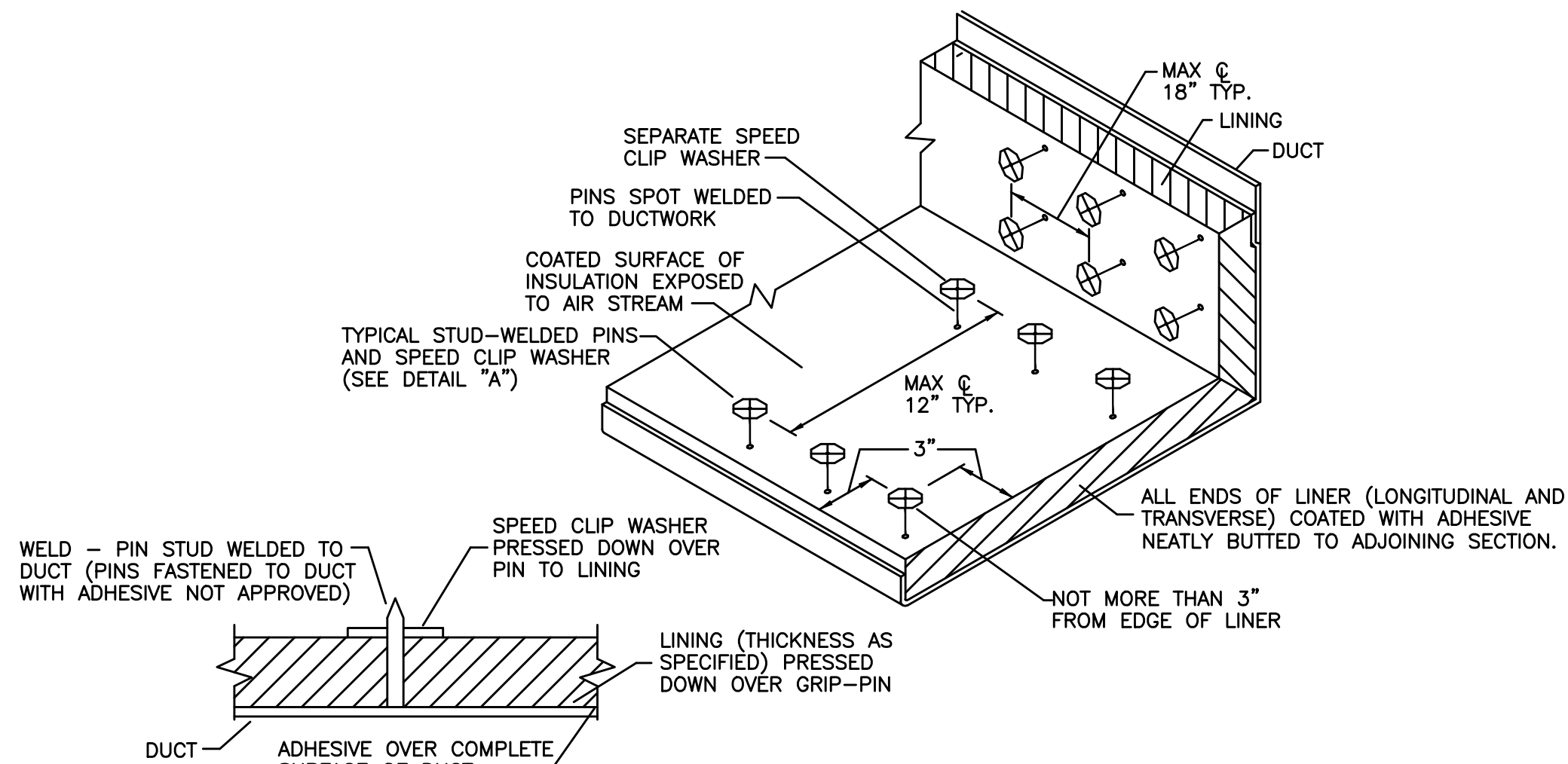


LOW PRESSURE STEAM MAIN DRIP DETAIL
N.T.S.



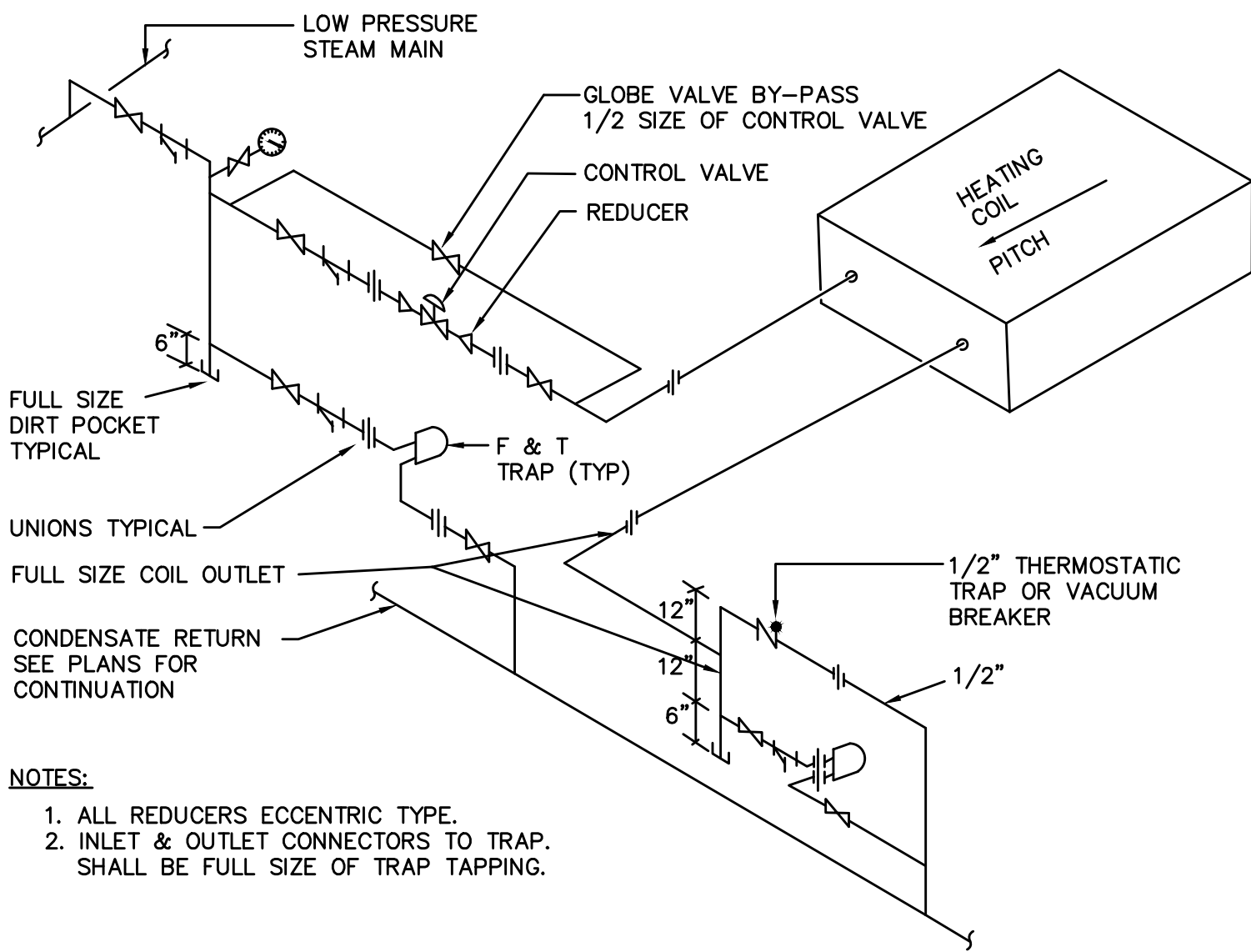
RECTANGULAR DUCT TAP
NO SCALE

NOTE:
FURNISH THIS TYPE CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS THIS FOR LESS THAN 700 CFM AND MEDIUM PRESSURE BRANCHES WITH LESS THAN 1000 CFM



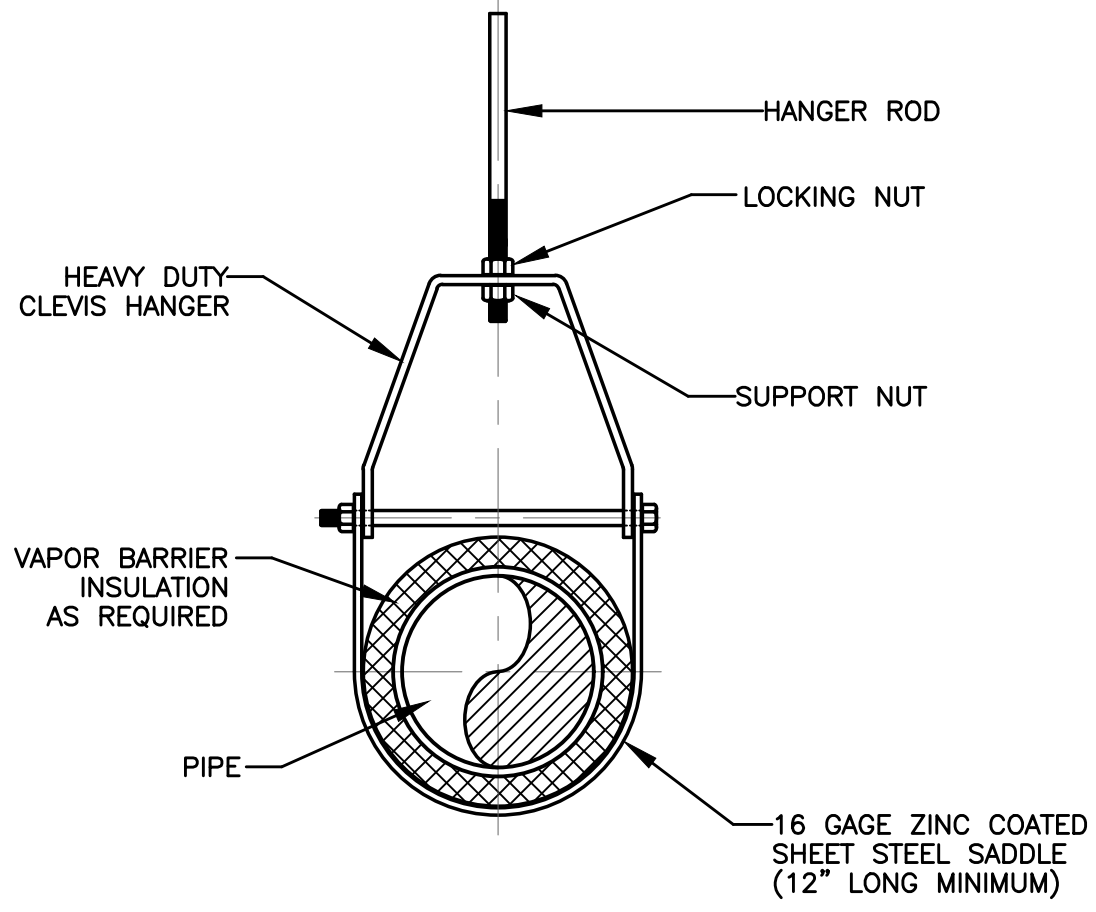
DETAIL 'A'
SOUND LINING INSTALLATION DETAIL
NO SCALE

- NOTES:
1. ALL DUCTS SHOWN TO BE ACOUSTICALLY UNED SHALL BE LINED WITH 1" THICK 3 LB. DENSITY INSULATION UNLESS OTHERWISE NOTED.



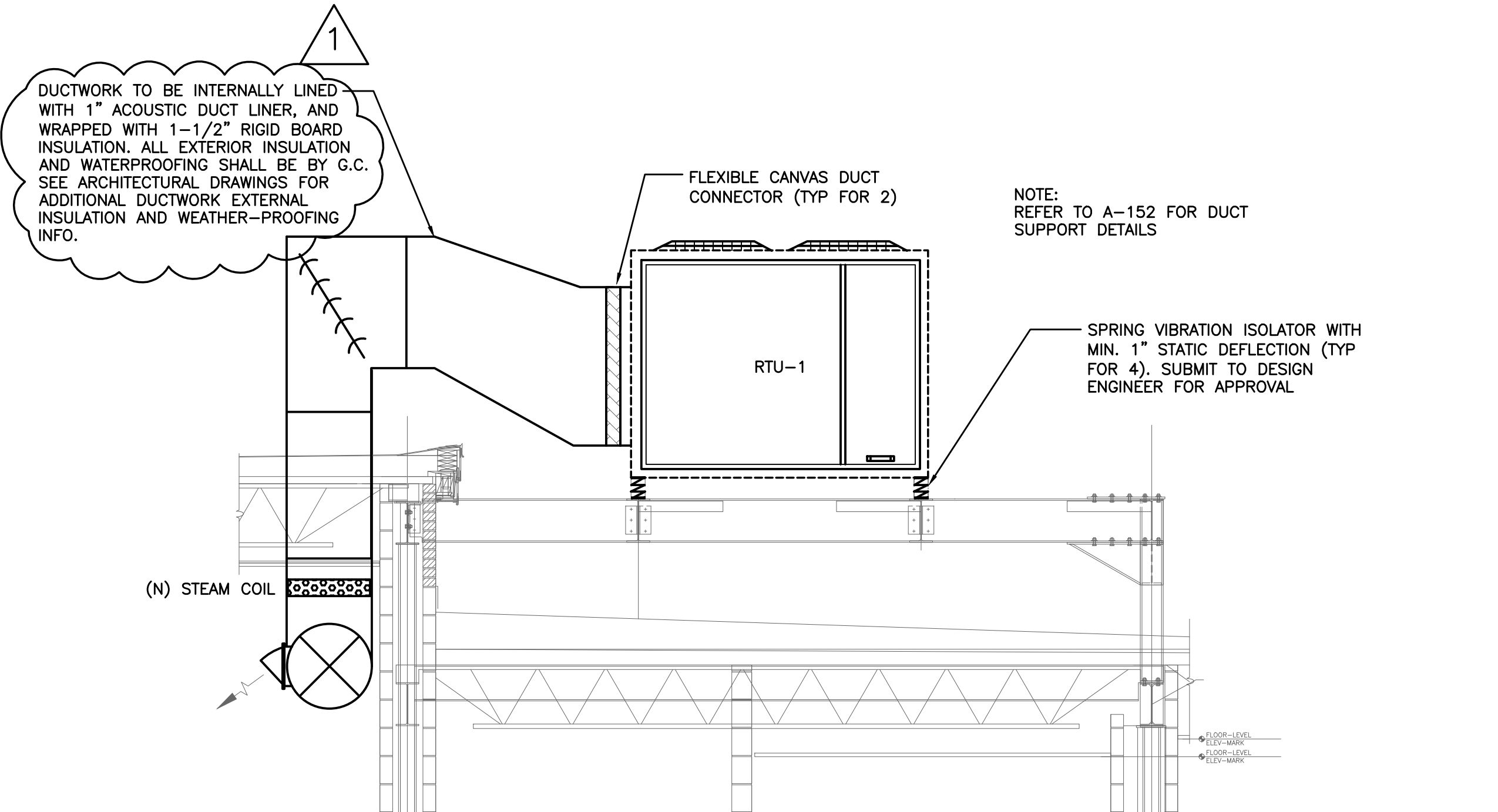
HORIZONTAL STEAM HEATING COIL PIPING
N.T.S.

- NOTES:
1. ALL REDUCERS ECCENTRIC TYPE.
 2. INLET & OUTLET CONNECTORS TO TRAP, SHALL BE FULL SIZE OF TRAP TAPPING.



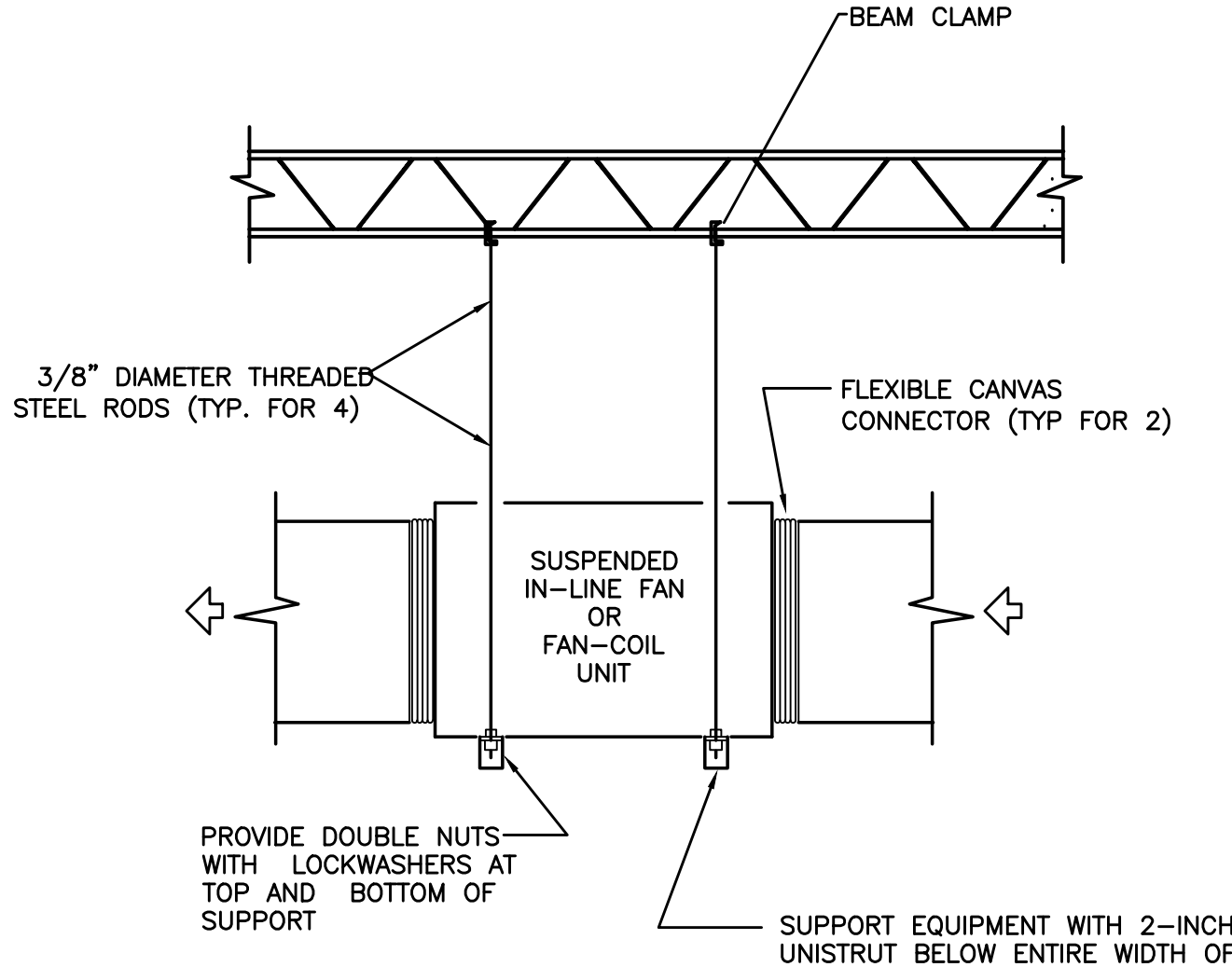
HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA.	6" THRU 12"	7/8" DIA.

CLEVIS HANGER
HORIZONTAL RUNS

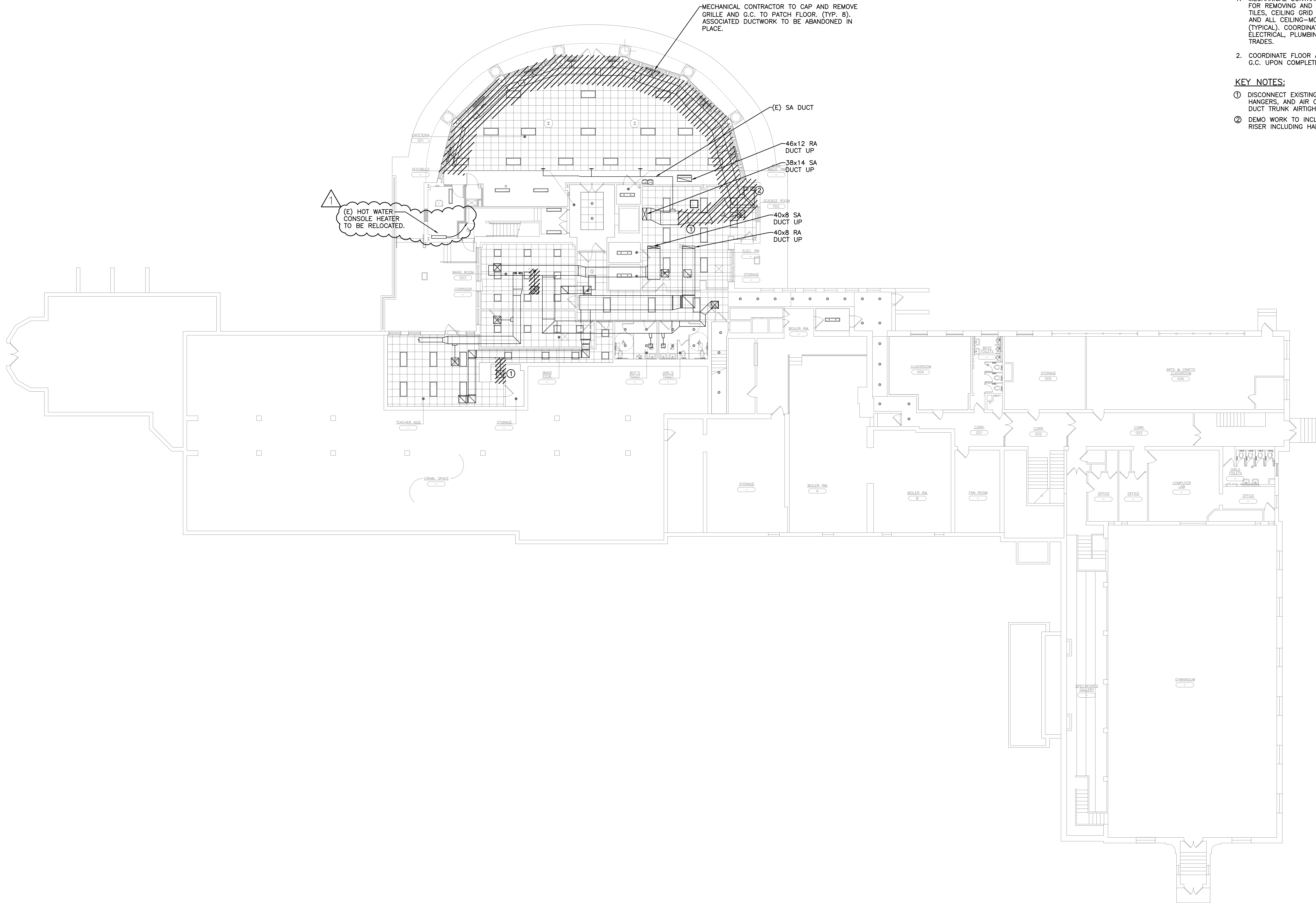


ROOFTOP UNIT INSTALLATION DETAIL
NO SCALE

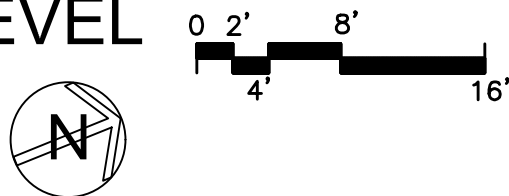
NOTE:
REFER TO A-152 FOR DUCT SUPPORT DETAILS



INLINE FAN SUPPORT DETAIL
TYPICAL FOR CEILING-MOUNTED FAN-COIL UNITS AND EXHAUST FANS
NO SCALE



SEELY ELEMENTARY SCHOOL
MECHANICAL DEMO PLAN - LOWER LEVEL
1 SCALE: 3/32" = 1'-0"



NOTES:

- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND RE-INSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.
- COORDINATE FLOOR AND WALL PATCHING WITH G.C. UPON COMPLETION OF DEMO WORK.

KEY NOTES:

- DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.
- DEMO WORK TO INCLUDE EXISTING DUCTWORK RISER INCLUDING HANGERS.

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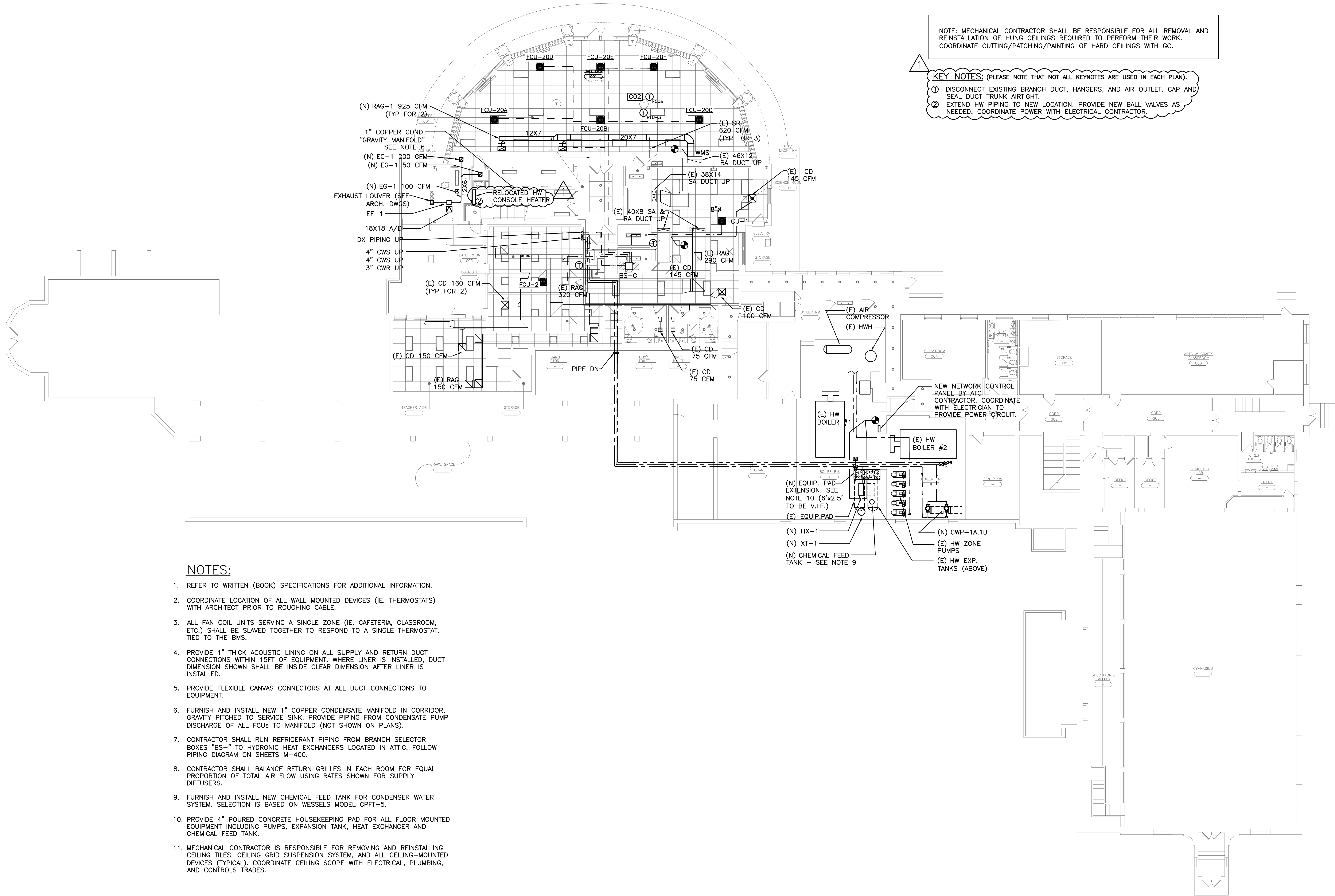
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT: EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE:
MECHANICAL DEMO PLAN
LOWER LEVEL

1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO. SPES MD100
SCALE: AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

PLOT DATE: January 24, 2023 -- 10:46am

FILE: N:\Edgemont School District\Seely Place Elementary Phase 1\ACAD\Mechanical\SPES_M001_200_BID Addendum 1.dwg

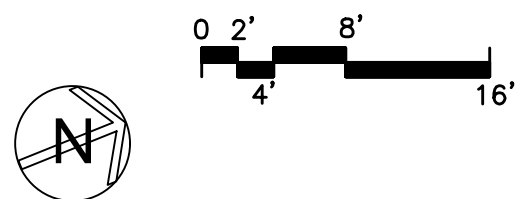


NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COORDINATE LOCATION OF ALL WALL MOUNTED DEVICES (IE. THERMOSTATS) WITH ARCHITECT PRIOR TO ROUGHING CABLE.
3. ALL FAN COIL UNITS SERVING A SINGLE ZONE (IE. CAFETERIA, CLASSROOM, ETC.) SHALL BE SLAVED TOGETHER TO RESPOND TO A SINGLE THERMOSTAT. TIED TO THE BMS.
4. PROVIDE 1" THICK ACOUSTIC LINING ON ALL SUPPLY AND RETURN DUCT CONNECTIONS WITHIN 15FT OF EQUIPMENT. WHERE LINER IS INSTALLED, DUCT DIMENSION SHOWN SHALL BE INSIDE CLEAR DIMENSION AFTER LINER IS INSTALLED.
5. PROVIDE FLEXIBLE CANVAS CONNECTORS AT ALL DUCT CONNECTIONS TO EQUIPMENT.
6. FURNISH AND INSTALL NEW 1" COPPER CONDENSATE MANIFOLD IN CORRIDOR, GRAVITY PITCHED TO SERVICE SINK. PROVIDE PIPING FROM CONDENSATE PUMP DISCHARGE OF ALL FCUs TO MANIFOLD (NOT SHOWN ON PLANS).
7. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS-" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M-400.
8. CONTRACTOR SHALL BALANCE RETURN GRILLES IN EACH ROOM FOR EQUAL PROPORTION OF TOTAL AIR FLOW USING RATES SHOWN FOR SUPPLY DIFFUSERS.
9. FURNISH AND INSTALL NEW CHEMICAL FEED TANK FOR CONDENSER WATER SYSTEM. SELECTION IS BASED ON WESSELS MODEL CPFT-5.
10. PROVIDE 4" POURED CONCRETE HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED EQUIPMENT INCLUDING PUMPS, EXPANSION TANK, HEAT EXCHANGER AND CHEMICAL FEED TANK.
11. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.

SEELY ELEMENTARY SCHOOL
MECHANICAL PLAN - LOWER LEVEL

1 SCALE: 3/32" = 1'-0"



NOTE: MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL AND REINSTALLATION OF HUNG CEILINGS REQUIRED TO PERFORM THEIR WORK. COORDINATE CUTTING/PATCHING/PAINTING OF HARD CEILINGS WITH GC.

KEY NOTES: (PLEASE NOTE THAT NOT ALL KEYNOTES ARE USED IN EACH PLAN).

- 1 DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.
- 2 EXTEND HW PIPING TO NEW LOCATION. PROVIDE NEW BALL VALVES AS NEEDED. COORDINATE POWER WITH ELECTRICAL CONTRACTOR.

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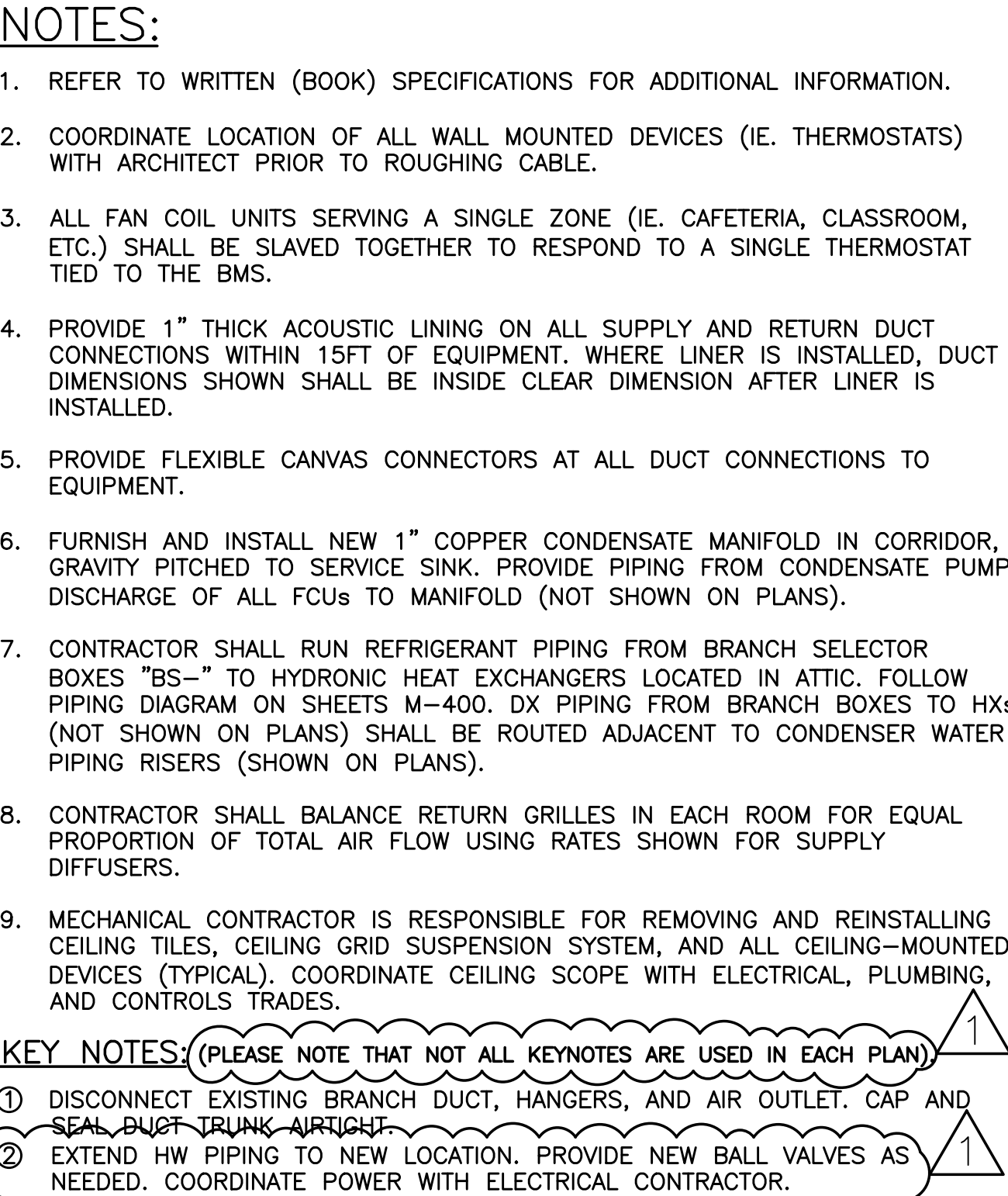
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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE:
LOWER LEVEL MECHANICAL PLAN

1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES M100
SCALE AS NOTED	FILE NO. 21434.01
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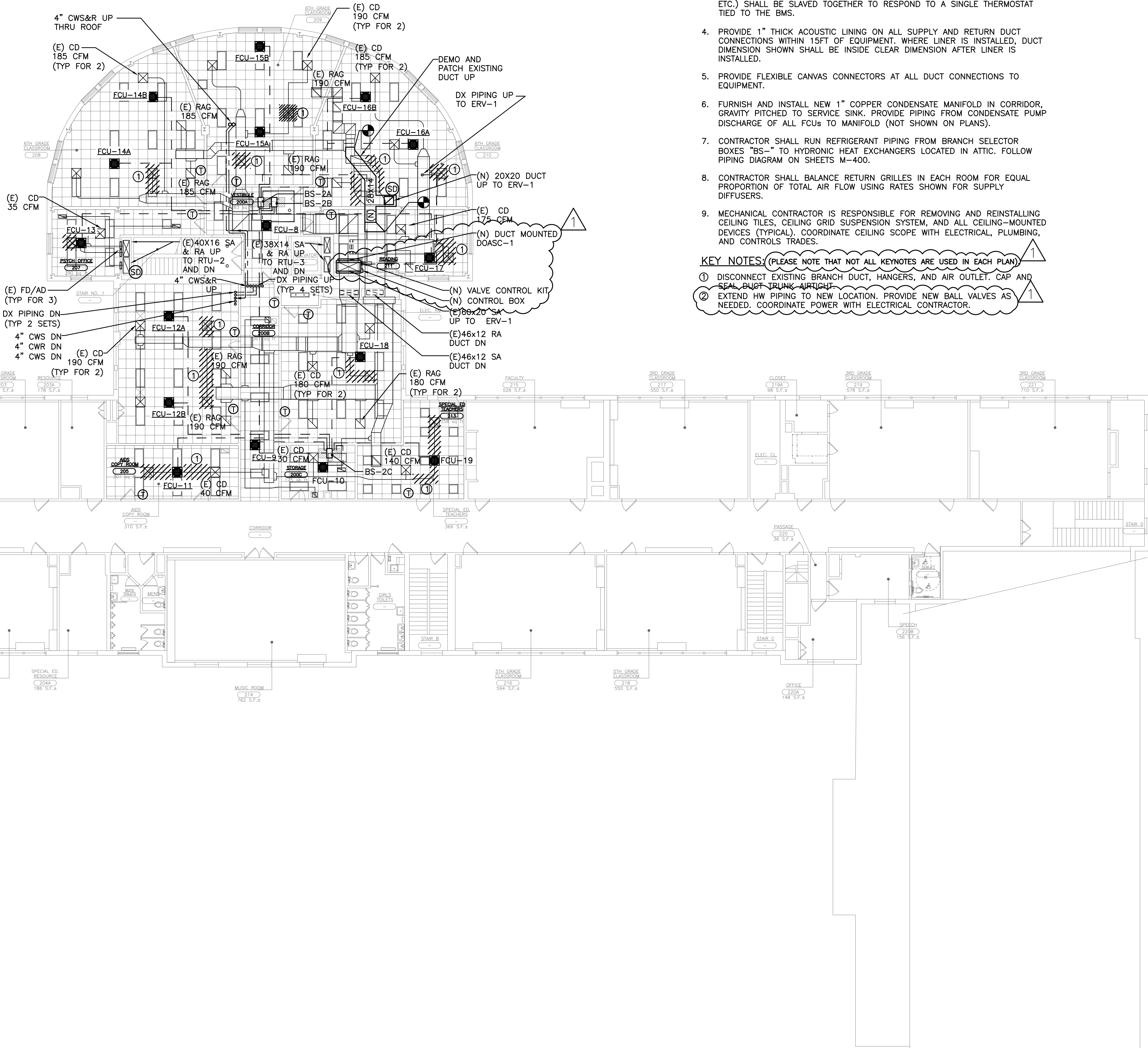
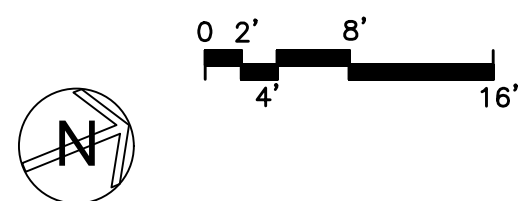
S.E.D. CONTROL NUMBER:
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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE EDMONT SCHOOL DISTRICT GREENVILLE ELEMENTARY SCHOOL CAFETERIA RENOVATION AND RELATED WORK SEELY PLACE ELEMENTARY SCHOOL PHASE 1 - HVAC & CAFETERIA	DRAWING TITLE FIRST FLOOR MECHANICAL PLAN
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1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES M101
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.0

SEELY ELEMENTARY SCHOOL
MECHANICAL DEMO AND NEW WORK PLAN - SECOND FLOOR

1 SCALE: 3/32" = 1'-0"



NOTES:

- REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- COORDINATE LOCATION OF ALL WALL MOUNTED DEVICES (IE. THERMOSTATS) WITH ARCHITECT PRIOR TO ROUGHING CABLE.
- ALL FAN COIL UNITS SERVING A SINGLE ZONE (IE. CAFETERIA, CLASSROOM, ETC.) SHALL BE SLAVED TOGETHER TO RESPOND TO A SINGLE THERMOSTAT TIED TO THE BMS.
- PROVIDE 1" THICK ACOUSTIC LINING ON ALL SUPPLY AND RETURN DUCT CONNECTIONS WITHIN 15FT OF EQUIPMENT. WHERE LINER IS INSTALLED, DUCT DIMENSION SHOWN SHALL BE INSIDE CLEAR DIMENSION AFTER LINER IS INSTALLED.
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KEY NOTES: (PLEASE NOTE THAT NOT ALL KEYNOTES ARE USED IN EACH PLAN)

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- EXTEND HW PIPING TO NEW LOCATION. PROVIDE NEW BALL VALVES AS NEEDED. COORDINATE POWER WITH ELECTRICAL CONTRACTOR.

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S.E.D. CONTROL NUMBER:
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SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT: SEELY PLACE ELEMENTARY SCHOOL
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE
SECOND FLOOR MECHANICAL PLAN

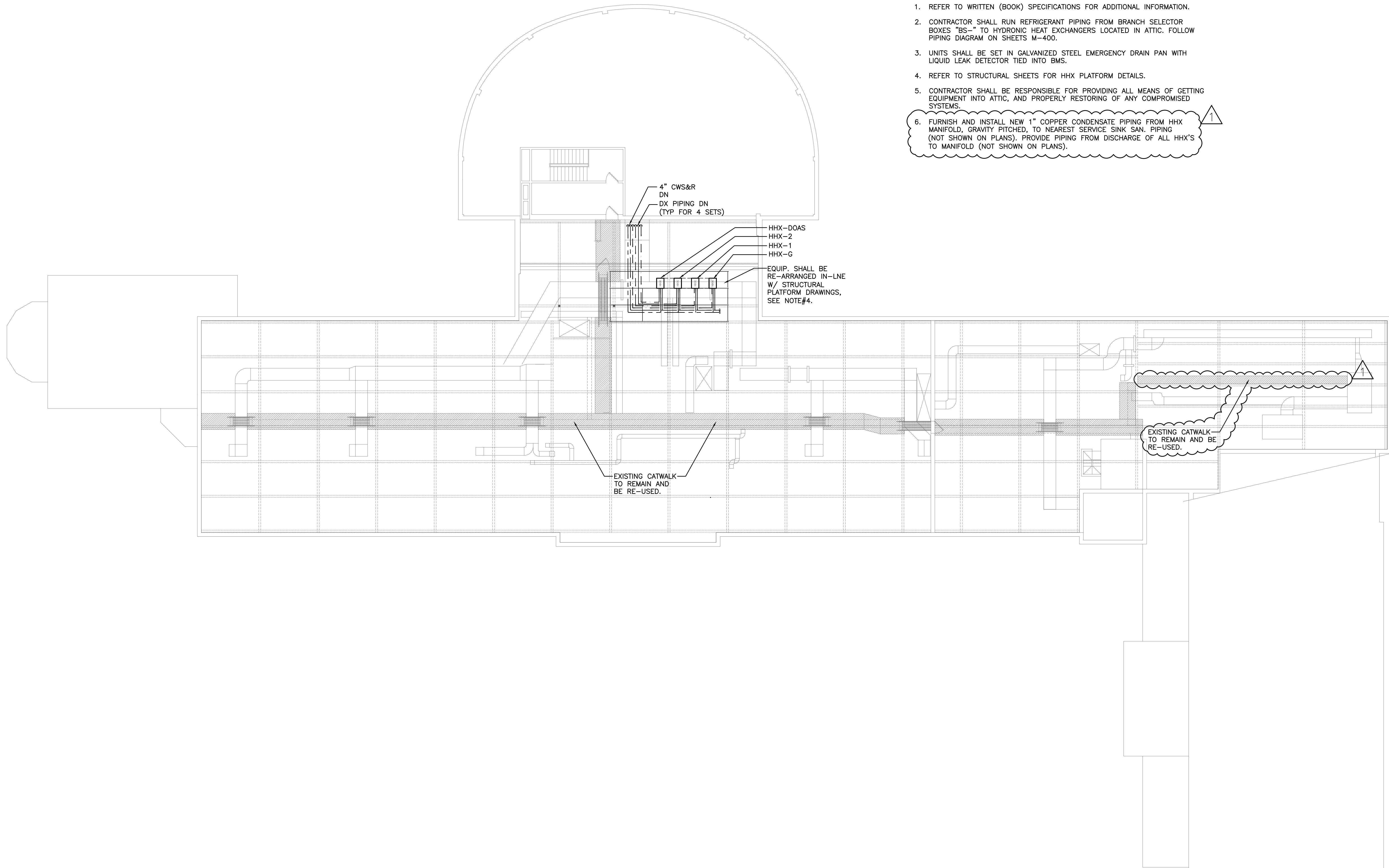
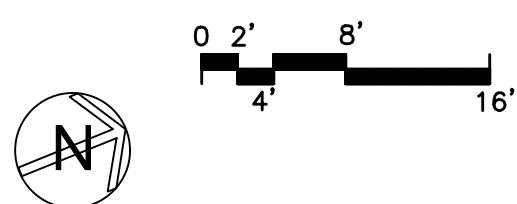
1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES M102
SCALE AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

PLOT DATE: January 24, 2023 -- 10:54am

FILE: N:\Edgemont School District\Seely Place Elementary Phase 1\ACAD\Mechanical\SPES_M001_200_BID Addendum 1.dwg

SEELY ELEMENTARY SCHOOL
MECHANICAL PLAN - ATTIC

1 SCALE: 3/32" = 1'-0"



NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS-" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M-400.
3. UNITS SHALL BE SET IN GALVANIZED STEEL EMERGENCY DRAIN PAN WITH LIQUID LEAK DETECTOR TIED INTO BMS.
4. REFER TO STRUCTURAL SHEETS FOR HHX PLATFORM DETAILS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEANS OF GETTING EQUIPMENT INTO ATTIC, AND PROPERLY RESTORING OF ANY COMPROMISED SYSTEMS.
6. FURNISH AND INSTALL NEW 1" COPPER CONDENSATE PIPING FROM HHX MANIFOLD, GRAVITY PITCHED, TO NEAREST SERVICE SINK SAN. PIPING (NOT SHOWN ON PLANS). PROVIDE PIPING FROM DISCHARGE OF ALL HHX'S TO MANIFOLD (NOT SHOWN ON PLANS).

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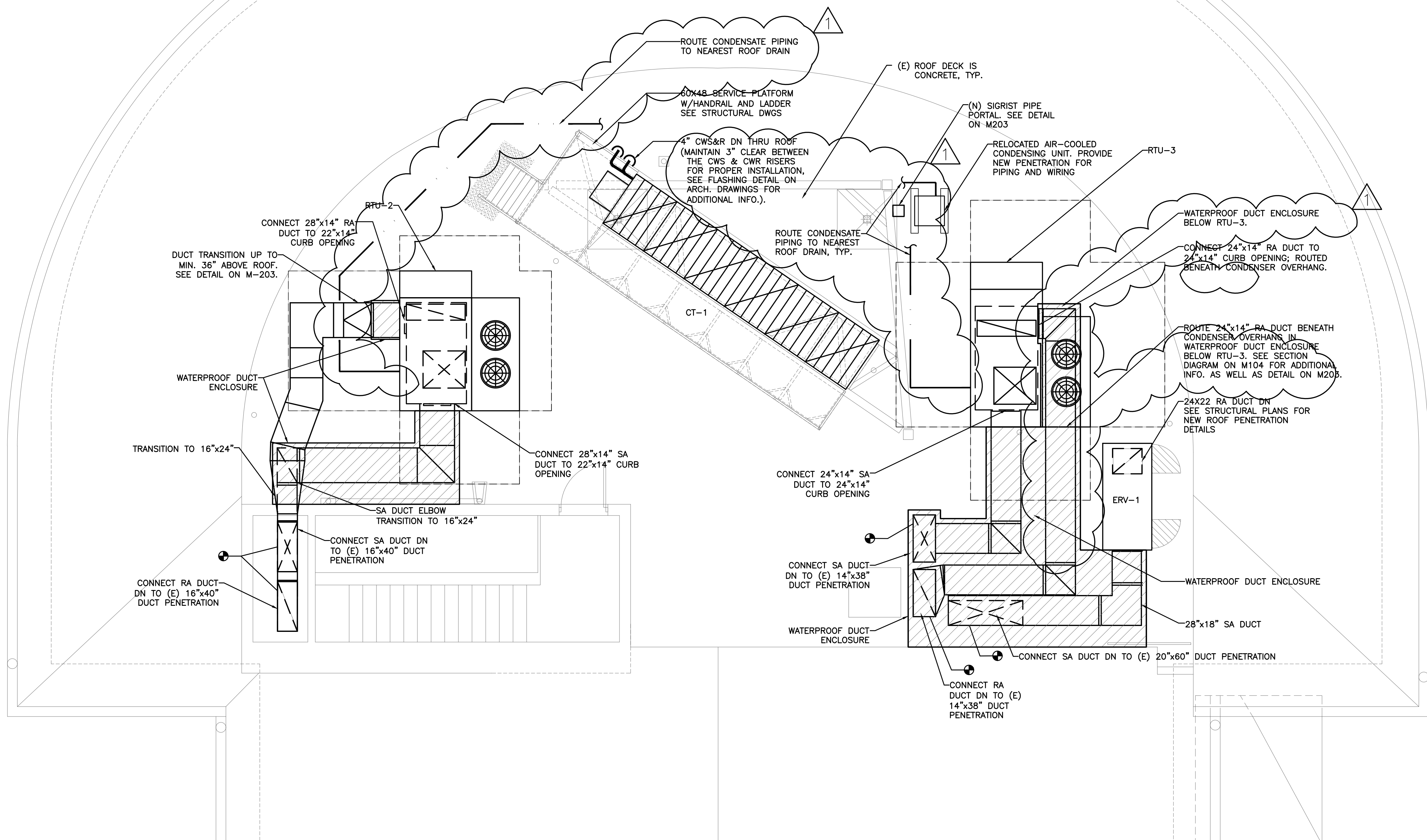
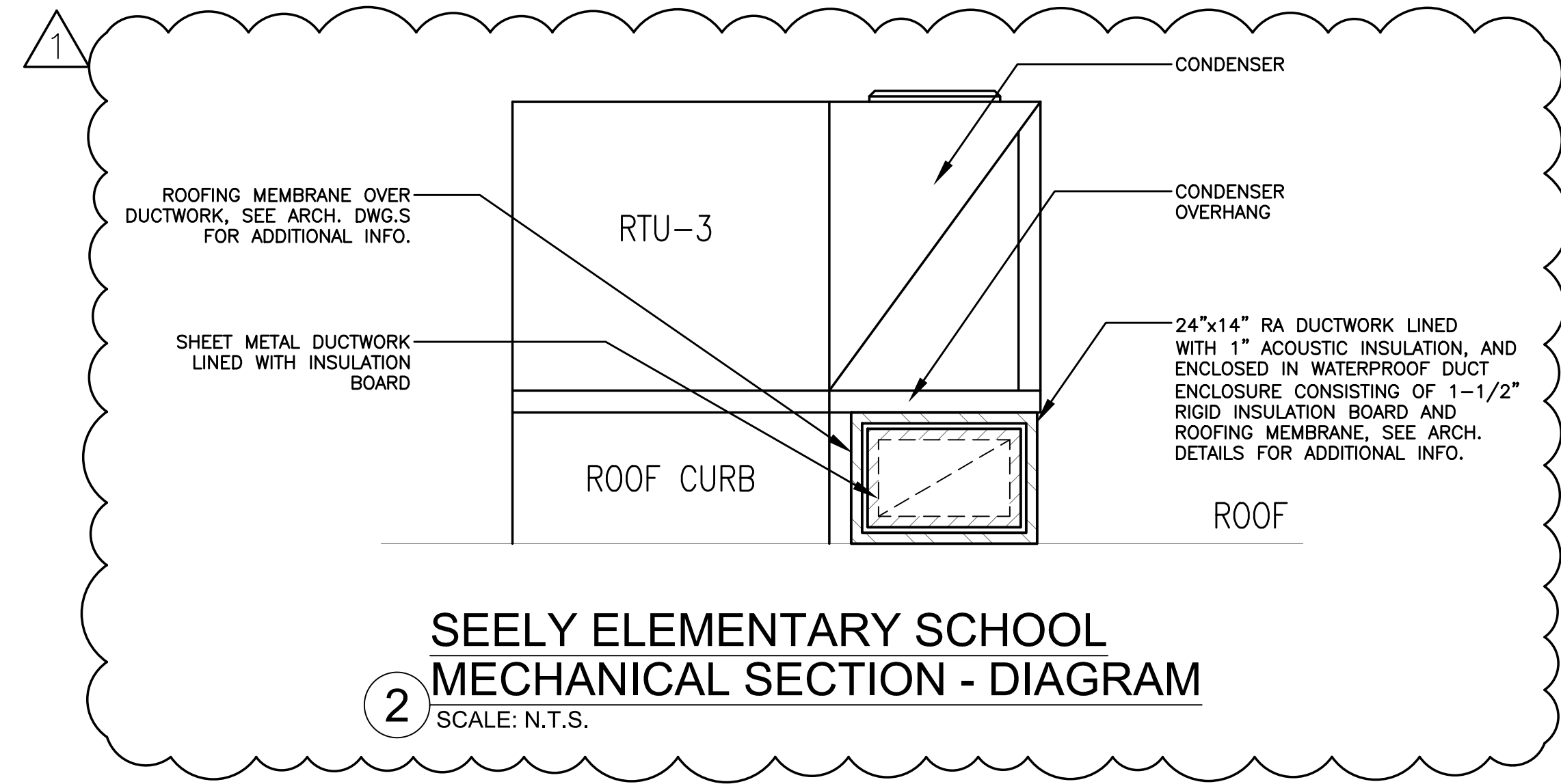
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE:
ATTIC MECHANICAL PLAN

1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO. SPES M103
SCALE: AS NOTED	FILE NO. 21434.01
DRAWN BY: LFG	

NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES TO ALL EQUIPMENT ON ROOF. DO NOT OBSTRUCT CLEARANCE WITH DUCTWORK OR OTHER OBJECTS.
3. ROOF PENETRATIONS FOR CW PIPING, GAS PIPING, ELECTRICAL POWER AND CONTROL WIRING SHALL BE MADE USING "SIGRIST PIPE CHASE HOUSINGS" AS MANUFACTURED BY ALTA PRODUCTS. SEE DETAIL ON DRAWING M203. PROVIDE SUBMITTAL FOR ENGINEERING REVIEW WITH HOUSING CONFIGURED FOR EACH INDIVIDUAL ROOF PENETRATION.
4. EXISTING ROOF DECK SHALL BE CONSIDERED CONCRETE UNLESS OTHERWISE NOTED.



**SEELY ELEMENTARY SCHOOL
MECHANICAL PLAN - ROOF**

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

0 2' 8' 16'



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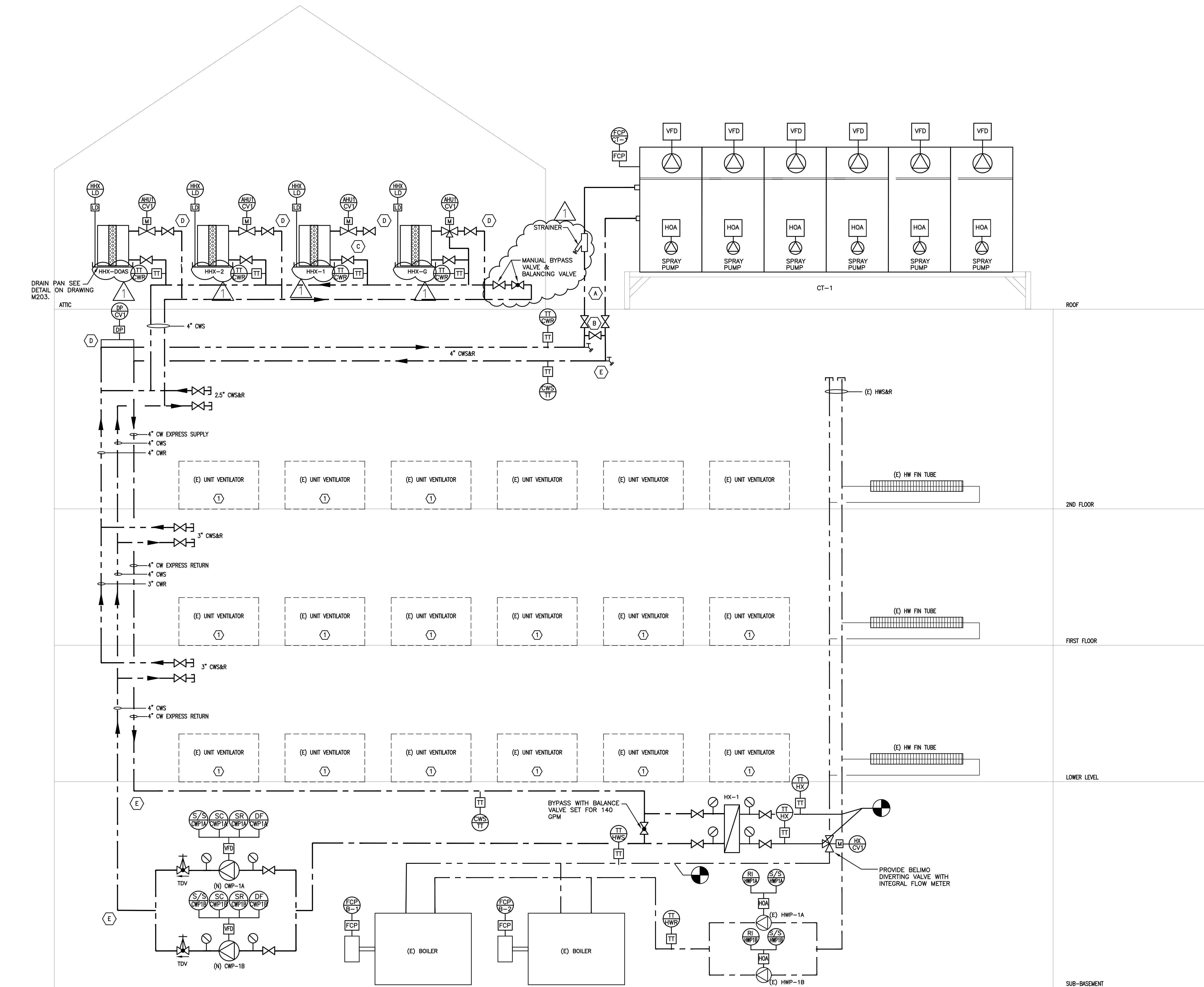
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT: EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE: ROOF MECHANICAL PLAN

1-08-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO. SPES M104
SCALE: AS NOTED	FILE NO. 21434.01
DRAWN BY: LFG	

PLOT DATE: January 24, 2023 - 10:55am

FILE: N:\Edgemont School District\Seely Place Elementary Phase 1\ACAD\Mechanical\SPES_M001_200_BID Addendum 1.dwg



CONDENSER WATER PIPING & CONTROL SCHEMATIC
NOT TO SCALE

- KEY NOTES:**
- (A) CW PIPING SHALL TRANSITION FROM SCHED 40 STEEL TO POLYPROPYLENE DIRECTLY BELOW THE ROOF. ALL PIPING ABOVE ROOF LINE SHALL BE POLYPROPYLENE WITH HEAT FUSION JOINTS. PIPING SELECTION IS BASED ON AQUATHERM PP-R.
 - (B) PROVIDE MANUAL BYPASS VALVE BELOW ROOF, DIRECTLY BELOW COOLING TOWER.
 - (C) AT EACH HYDRONIC HEAT EXCHANGER PROVIDE (2) ISOLATION VALVES, (1) MOTORIZED CONTROL VALVE AND (1) AUTOMATIC BALANCE VALVE.
 - (D) PROVIDE AUTOMATIC AIR VENTS AT TOP OF RISERS
 - (E) PROVIDE MANUAL DRAINS AT BOTTOM OF RISERS.

GENERAL CONTROL PANEL NOTE:
NETWORK CONTROL PANEL SHALL HAVE 200% CAPACITY TO OFFER SALABILITY IN-ORDER TO ACCOMMODATE FUTURE "PHASE-2" WORK.

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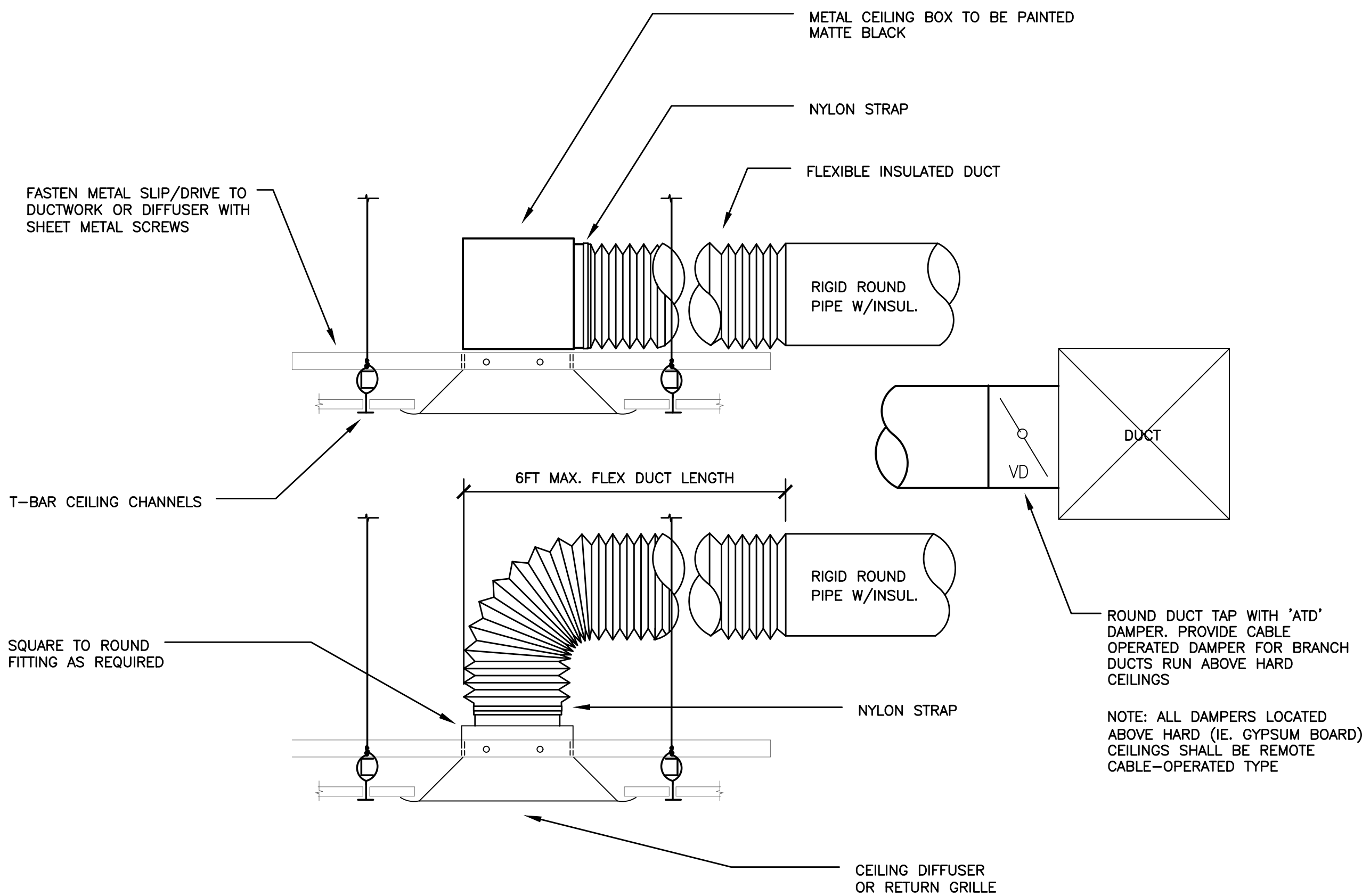
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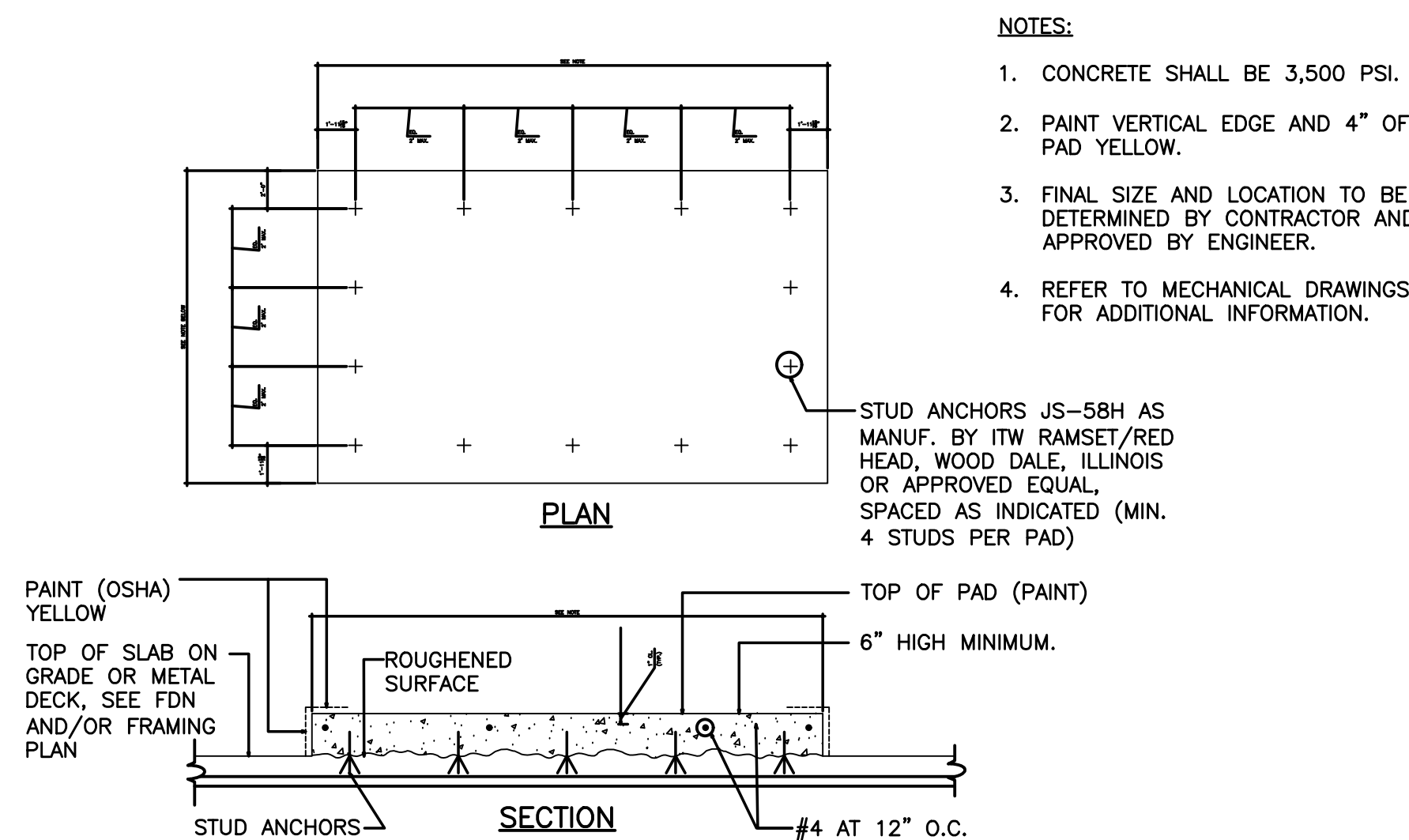
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CRETERIA
DRAWING TITLE:
**MECHANICAL PIPING & CONTROLS
DIAGRAM**

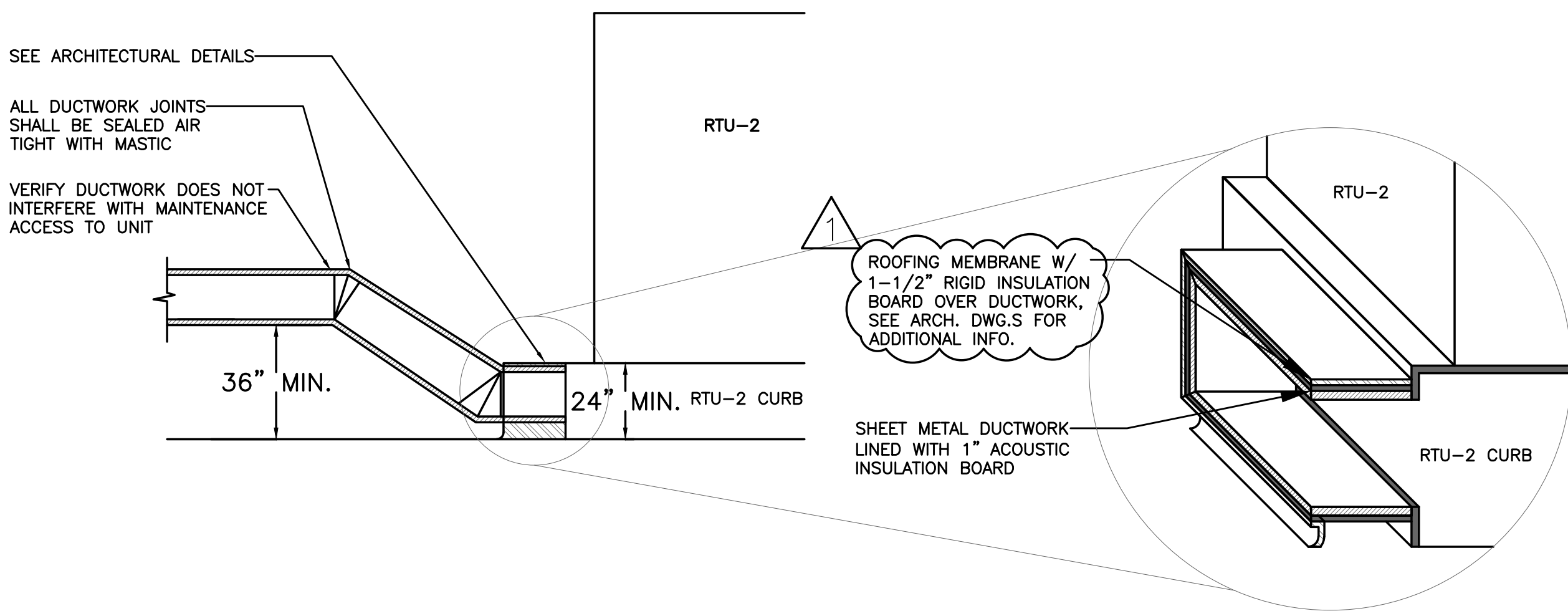
1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO. SPES M200
SCALE: AS NOTED	FILE NO. 21434.01
DRAWN BY: LFG	



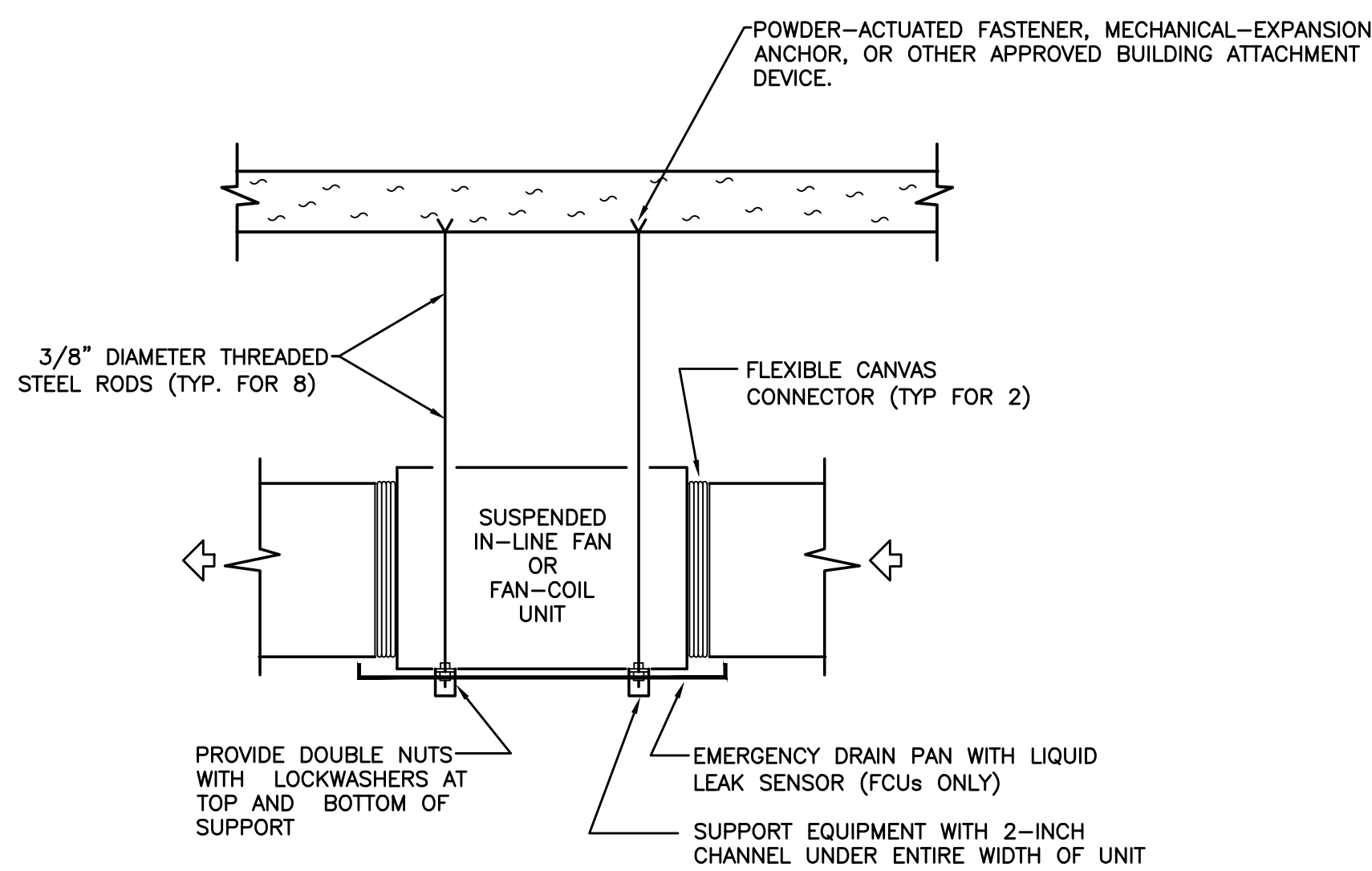
BRANCH DUCT DETAIL
NOT TO SCALE



CONCRETE EQUIPMENT PAD
NO SCALE



RTU-2 RETURN DUCTWORK DETAIL
NO SCALE



SUSPENDED EQUIPMENT DETAIL
TYPICAL FOR CEILING-MOUNTED FAN-COIL UNITS
AND EXHAUST FANS
NO SCALE

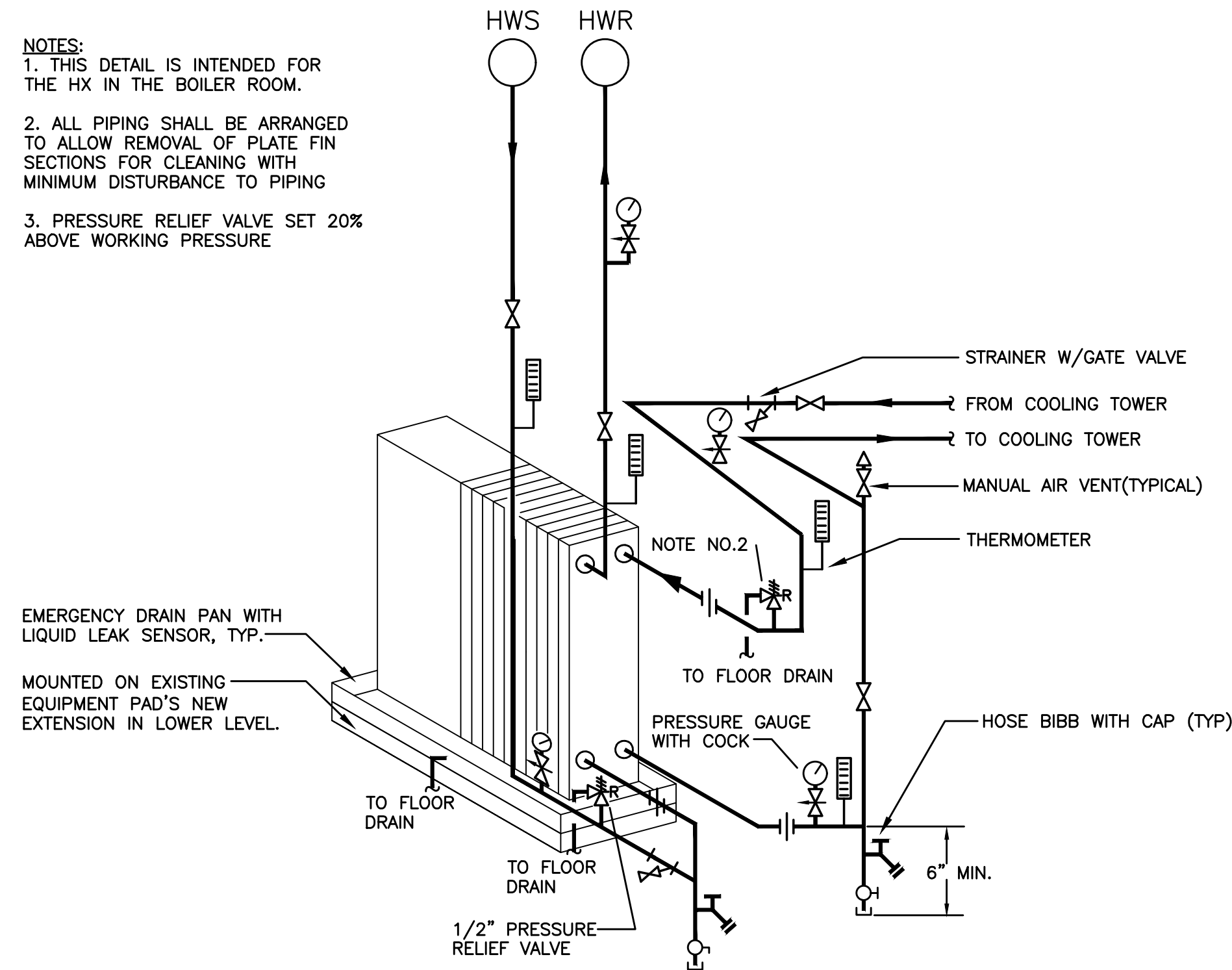
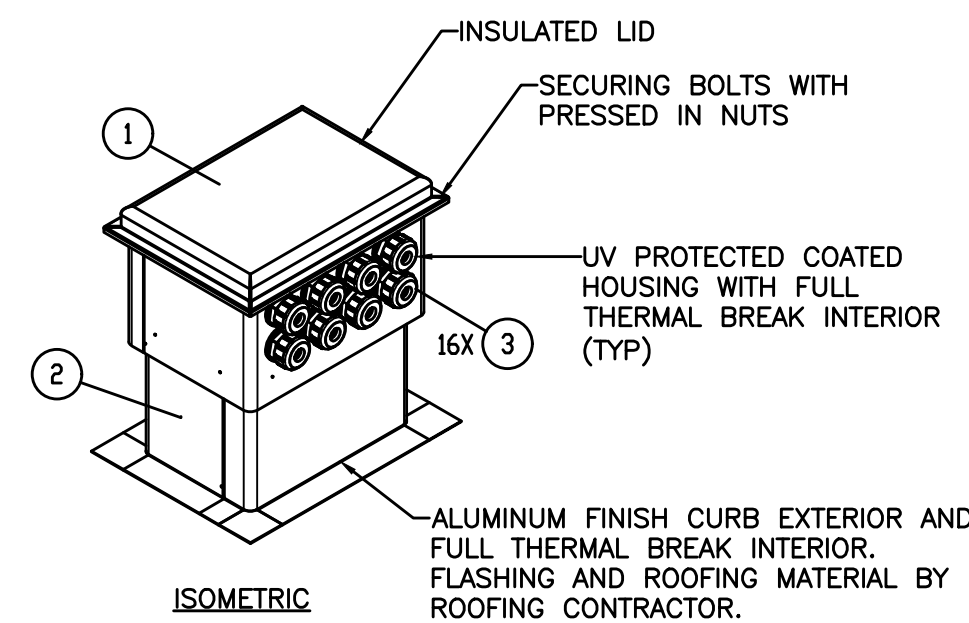


PLATE FRAME HEAT EXCHANGER PIPING (HX-1)
NO SCALE



PIPE PORTAL DETAIL
NO SCALE

ITEM NO.	NOMENCLATURE	PART NUMBER	QTY.
1	MEDIUM HOUSING	AL-201412	1
2	MEDIUM CURB 14" TALL	AL-1014C	1
3	SIGRIST EXIT SEAL	N/A	16

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT: EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CATERIA
DRAWING TITLE: MECHANICAL DETAILS

1-24-2023 ADDENDUM #1
1-06-2023 BID
DATE ISSUED TO
SHEET SIZE: 30"x42"
SCALE: AS NOTED
DRAWN BY: LFG
FILE NO.: 21434.01

NEW HYDRONIC-TO-REFRIGERANT HEAT EXCHANGER SCHEDULE (PHASE I)															
TAG	MAKE	MODEL	COOLING		HEATING		FLUID	FLOW RATE (GPM)	ELECTRICAL			UNIT WEIGHT (LBS)	NOTES	ASSOC. BRANCH BOX(S)	BRANCH BOX MODEL
			CAPACITY (MBH)	EWI/LWT (F)	CAPACITY (MBH)	EWI/LWT (F)			VOLTAGE/ PHASE	MCA (A)	MFS (A)				
HHX-G	DAIKIN	RWE0120TATJA-HR	117.7	85.0/94.3	160.8	68.0/58.6	WATER	30.0	208/3	36.5	45.0	423.3	1,2,3	BS-G	BSF60S4TVJ
HHX-I	DAIKIN	RWE096TATJA-HR	100.1	85.0/94.7	136.2	68.0/57.8	WATER	24.0	208/3	28.8	35.0	418.9	1,2,3	BS-1, BS-2A	BSF4Q54TVJ, BSF60S4TVJ
HHX-2	DAIKIN	RWE096TATJA-HR	98.1	85.0/94.3	134.5	68.0/58.0	WATER	24.0	208/3	28.8	35.0	418.9	1,2,3	BS-2B, BS-2C	BSF4Q54TVJ, BSF60S4TVJ
HHX-DOAS	DAIKIN	RWE0144TATJA	144.6	85.0/94.6	167.1	68.0/60.1	WATER	36.0	208/3	44.6	60.0	423.3	1,2,3	DOAS-1	EKEXV400-US
NOTES: 1. ALL EQUIPMENT SHALL OPERATE WITH R-410A REFRIGERANT. 2. ALL EQUIPMENT SHALL BE FURNISHED WITH BACNET CARDS FOR INTEGRATION INTO BAS. COORDINATE WITH ATC CONTRACTOR. 3. PROVIDE GALVANIZED STEEL EMERGENCY DRAIN PAN BELOW EACH UNIT WITH LIQUID LEAK DETECTOR. GENERAL PHASE NOTE: PHASE-I: INFO ABOVE IS BASED ON A 3 GPM/TON. PHASE-II: HHX'S ABOVE SHALL BE RE-CALIBRATED TO 2 GPM/TON.															

ENERGY RECOVERY VENTILATOR SCHEDULE														
TAG	LOCATION	MFG/R / MODEL	CFM	ESP (N. WC)	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	OUTSIDE AIR		SUPPLY AIR		ELECTRICAL			WEIGHT
							WINTER DB/WB (F)	SUMMER DB/WB (F)	WINTER DB/WB (F)	SUMMER DB/WB (F)	VOLT	MCA	MOCP	
ERV--1	ROOF	OXYGEN8/C400U	4245	1.5	204.0	233.1	12.7/12.6	86.5/72.1	50.3/40.0	79.0/67.5	208V--3ø	27.33	35	1225
NOTES: 1. UNIT SHALL BE FURNISHED WITH BACNET CARD FOR INTEGRATION INTO BAS. COORDIANTE WITH ATC CONTRACTOR. 2. CONTRACTOR SHALL PROVIDE SMOKE DETECTOR IN RA DUCT AS INDICATED ON PLANS. 3. CONTRACTOR TO PROVIDE NEW HORIZONTAL OUTLET VIBRATION ISOLATION CURBS BY CAMBRIEPOPERT. 4. UNIT SHALL BE FURNISHED WITH LOW LEAKAGE MOTORIZED EXHAUST AND OUTDOOR AIR DAMPERS. 5. UNIT SHALL FEATURE ECM BLOWERS. 6. PROVIDE FACTORY DISCONNECT SWITCH.														

NEW EXPANSION TANK SCHEDULE	
UNIT NUMBER	XT--
SERVICE	CONDENSER
MANUFACTURER	B&O
MODEL	D--6C
TYPE	DIAPHR
CAPACITY (GAL.)	33.0
ACCEPTANCE VOLUME (GAL.)	11.3
WEIGHT (LBS)	110
FIELD CHARGE (PSI)	26
NOTES: 1. COORDINATE WITH GENERAL CONTRACTOR TO PRO	

AIR OUTLET SCHEDULE					
TAG	MFG	MODEL	AIRFLOW (CFM)	SIZE	NOTES
CD-1	TITUS	OMNI	SEE DWGS	24X24	1
RAG-1	TITUS	350RL	SEE DWGS	24X12	1
RAG-2	TITUS	350RL	SEE DWGS	24X24	1
EG-1	TITUS	50FF	SEE DWGS	12X12	1
NOTES: 1. ALL AIR OUTLETS SHALL BE WHITE UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS.					

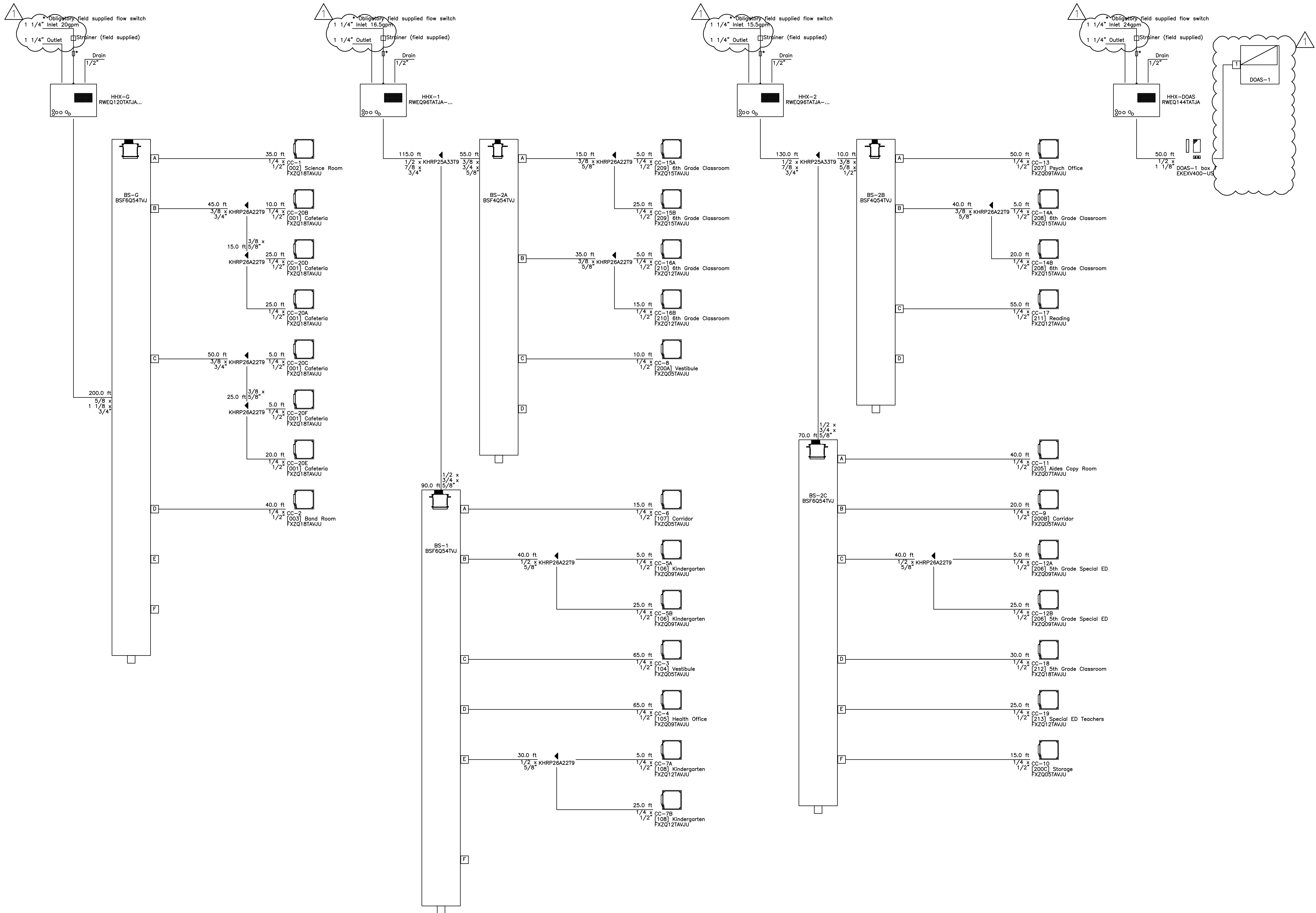
EXTERIOR LOUVER SCHEDULE	
TAG	EL-1
PRODUCT TYPE	DRAINABLE LOUVER
MANUFACTURER	AIRLOITE
MODEL	K6744
AREA (N. X IN.)	12 X 12
DEPTH (IN.)	4
FREE AREA (%)	56

NOTES:

1. LOUVER SHALL BE FURNISHED WITH INSECT SCREEN.
2. PROVIDE KYNAR FINISH & REFER TO ARCHITECTURAL PLANS FOR COLOR.
3. LOUVER BY GENERAL CONTRACTOR.

BRANCH DUCT SCHEDULE	
AIR FLOW (CFM)	ROUND DUCT SIZE (IN.)
0 -105	6
106-160	7
161-230	8
231-320	9
321-420	10
421-685	12
686-1025	14
1026-1450	16
1451-2000	18

NOTES:
 1. WHETHER OR NOT INDICATED ON PLANS,
 CONTRACTOR SHALL FURNISH AND INSTALL MANUAL
 VOLUME DAMPERS IN ALL SUPPLY AND RETURN
 BRANCH DUCTS.



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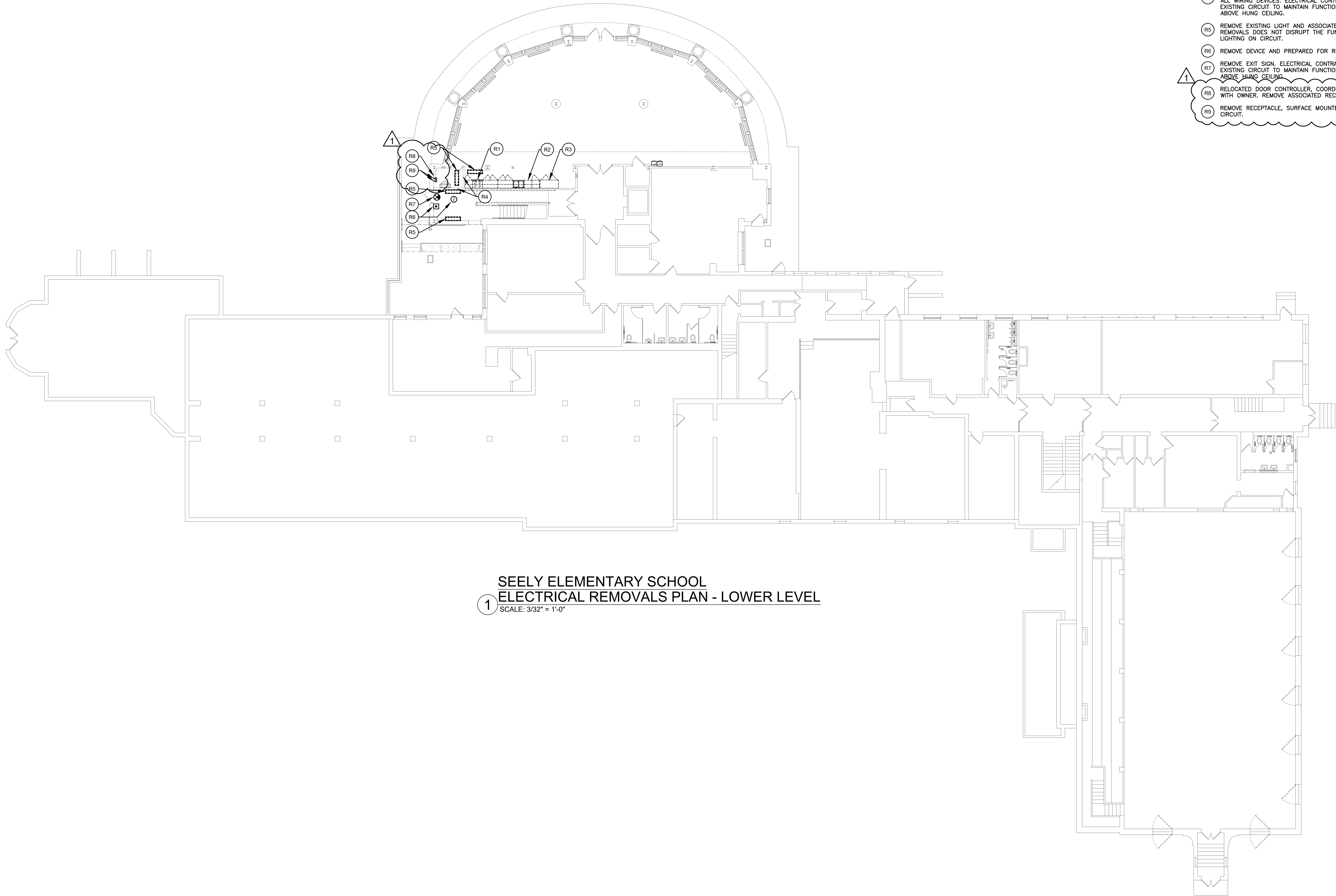
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA
DRAWING TITLE:
MECHANICAL PIPING DIAGRAMS

1-24-2023	ADDENDUM #1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO. SPES M400
SCALE: AS NOTED	FILE NO. 21434.01
DRAWN BY: LFG	

PLOT DATE: January 24, 2023 -- 11:08am

FILE: N:\Edgemont School District\Seely Place Elementary Phase 1\ACAD\Electrical\SPES_Removals.dwg



SEELY ELEMENTARY SCHOOL
ELECTRICAL REMOVALS PLAN - LOWER LEVEL
1 SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. DASHED WALLS ARE REMOVED BY GC.

REMOVAL NOTES:

- (R1) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR ELECTRIC RANGE BACK TO PANEL.
- (R2) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR DISHWASHER BACK TO PANEL.
- (R3) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR FOOD SERVICE EQUIPMENT BACK TO PANEL.
- (R4) WALLS REMOVED BY GC. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING DEVICES. ELECTRICAL CONTRACTOR SHALL REWIRE THE EXISTING CIRCUIT TO MAINTAIN FUNCTIONALITY. PLACE ALL SPLICES ABOVE HUNG CEILING.
- (R5) REMOVE EXISTING LIGHT AND ASSOCIATED CONTROL DEVICES. ENSURE REMOVALS DOES NOT DISRUPT THE FUNCTIONALITY OF THE REMAINING LIGHTING ON CIRCUIT.
- (R6) REMOVE DEVICE AND PREPARED FOR RELOCATION PER FA100.
- (R7) REMOVE EXIT SIGN. ELECTRICAL CONTRACTOR SHALL REWIRE THE EXISTING CIRCUIT TO MAINTAIN FUNCTIONALITY. PLACE ALL SPLICES ABOVE HUNG CEILING.
- (R8) RELOCATED DOOR CONTROLLER, COORDINATE NEW LOCATION IN FIELD WITH OWNER. REMOVE ASSOCIATED RECEPTACLE AND CIRCUIT.
- (R9) REMOVE RECEPTACLE, SURFACE MOUNTED RACEWAY, AND ASSOCIATED CIRCUIT.

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
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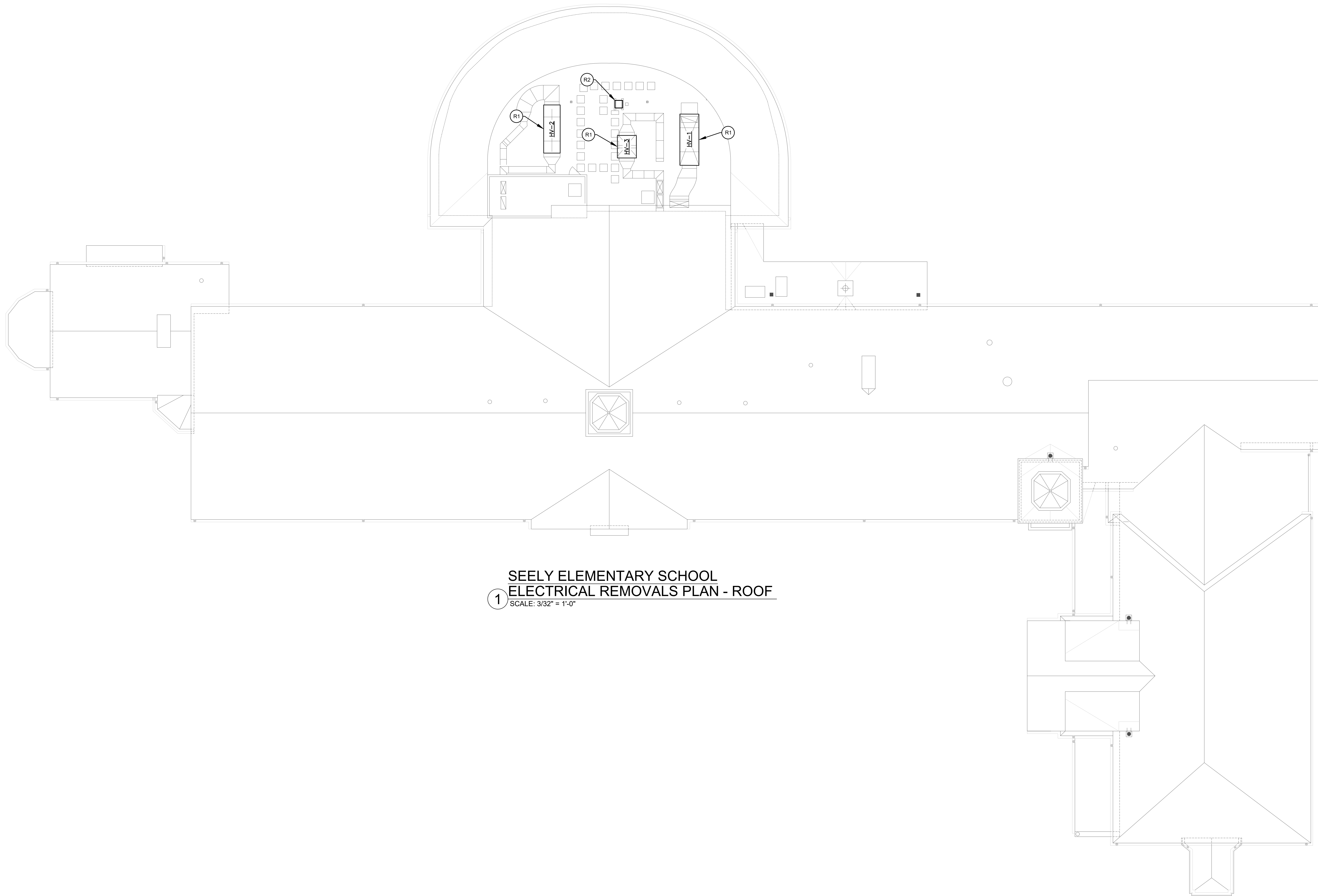
PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CATERIA

DRAWING TITLE:
BASEMENT ELECTRICAL
REMOVALS PLAN

1-24-2023	ADDENDUM 1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES ER100
SCALE AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

- 1 REMOVAL NOTES:
- R1 ELECTRICAL CONTRACTOR SHALL REMOVE UNIT, DISCONNECT AND CIRCUIT BACK TO PANEL "HVAC-1". REMOVE ANY ASSOCIATED DUCT SMOKE DETECTORS AND CONTROL REALYS.
- R2 ELECTRICAL CONTRACTOR SHALL ASSIST MECHANICAL CONTRACTOR IN MOVING EXISTING CONDENSING UNIT. MOVE, DISCONNECT AND CIRCUIT. RE-CIRCUIT FROM INTERIOR THROUGH NEW PIPE PORTAL, PROVIDE WIRING AND CONDUIT AS NEEDED.

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1 SEELY ELEMENTARY SCHOOL
ELECTRICAL REMOVALS PLAN - ROOF
SCALE: 3/32" = 1'-0"

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SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CHILLER
DRAWING TITLE:
ROOF ELECTRICAL REMOVALS
PLAN

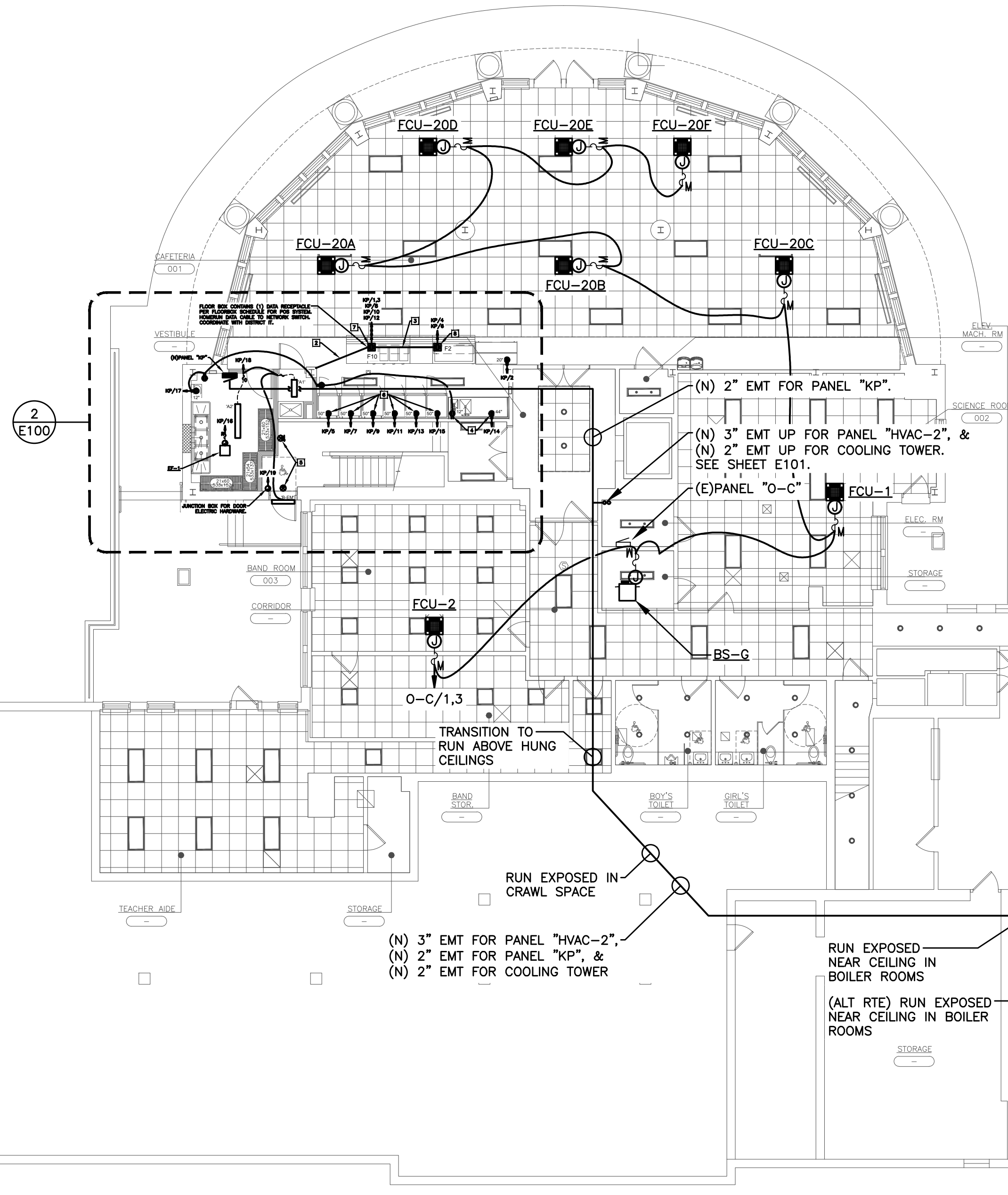
1-24-2023	ADDENDUM 1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES ER104
SCALE AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. SLAB TRENCHING BY ELECTRICAL CONTRACTOR. RESTORE SLAB ONCE FLOOR BOX & CONDUIT INSTALLATION IS COMPLETE. REFER TO SLAB PATCH DETAIL 2 ON SHEET E001.

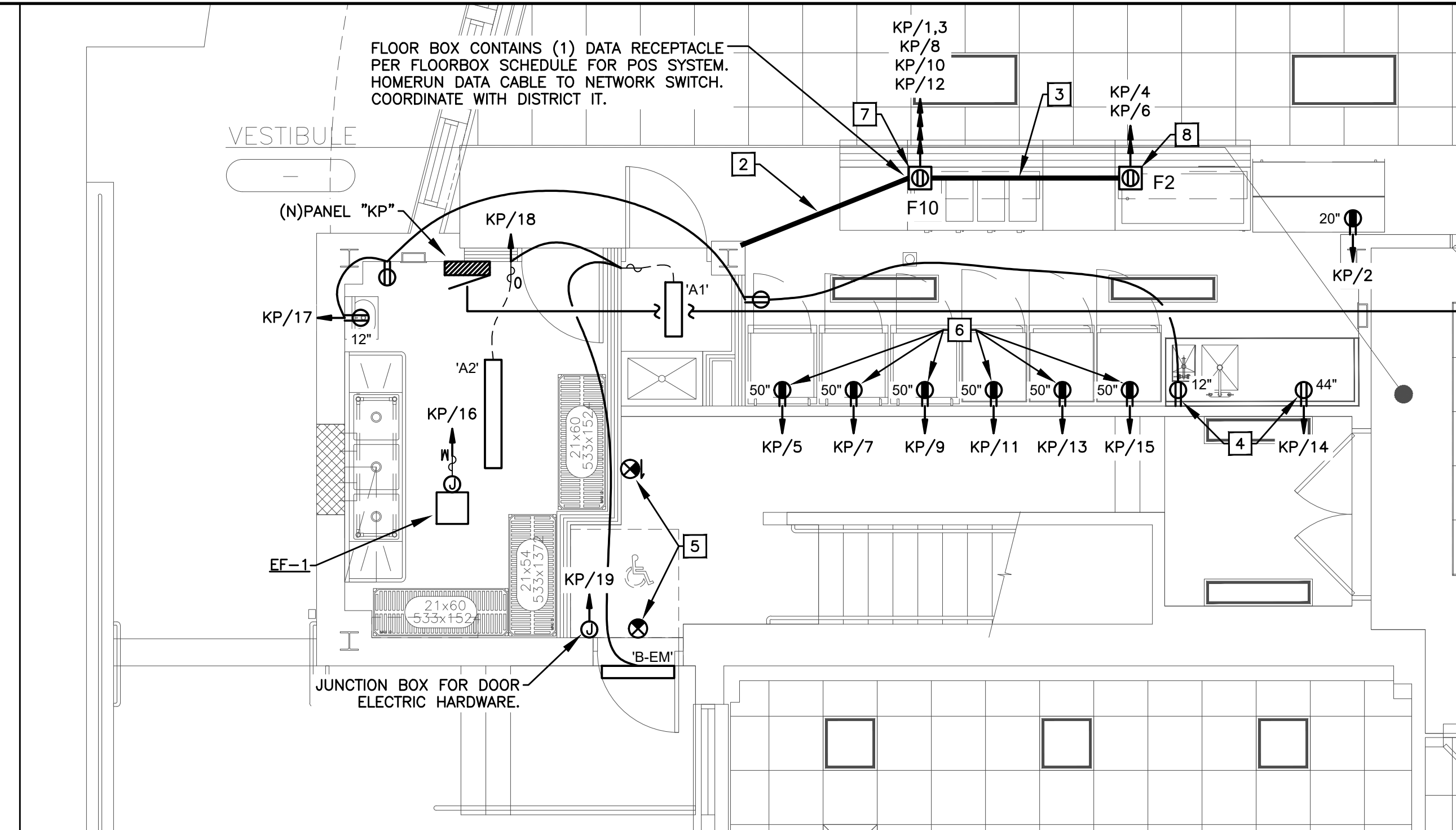
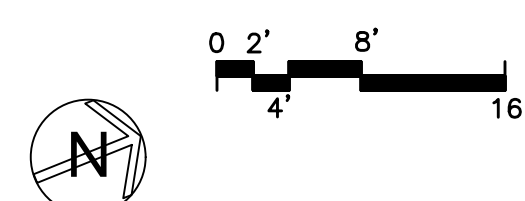
CODED NOTES:

- 1 DISCONNECT SWITCH, VARIABLE FREQUENCY DRIVE, OR MOTOR STARTER FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR.
- 2 CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
(1) 1" FOR DATA
(6) 1/2" FOR POWER BRANCH CIRCUITS
- 3 CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
(2) 1/2" FOR POWER BRANCH CIRCUITS
- 4 WALL FURRED OUT BY GC FOR ELECTRICAL AND PLUMBING.
- 5 NEW EXIT SIGNS, CIRCUIT TO EXISTING EXIT SIGN CIRCUIT.
- 6 CONTRACTOR SHALL USE WIREMOLD ON EXISTING WALL.
- 7 POWER & DATA FLOORBOX "F10". REFER TO FLOORBOX SCHEDULE ON SHEET SPES E001, FOR REQUIRED FLOORBOX, COVER, DEVICE PLATES, AND WIRING DEVICES.
- 8 POWER FLOORBOX "F2". REFER TO FLOORBOX SCHEDULE ON SHEET SPES E001 FOR REQUIRED FLOORBOX, COVER, DEVICE PLATES, AND WIRING DEVICES.



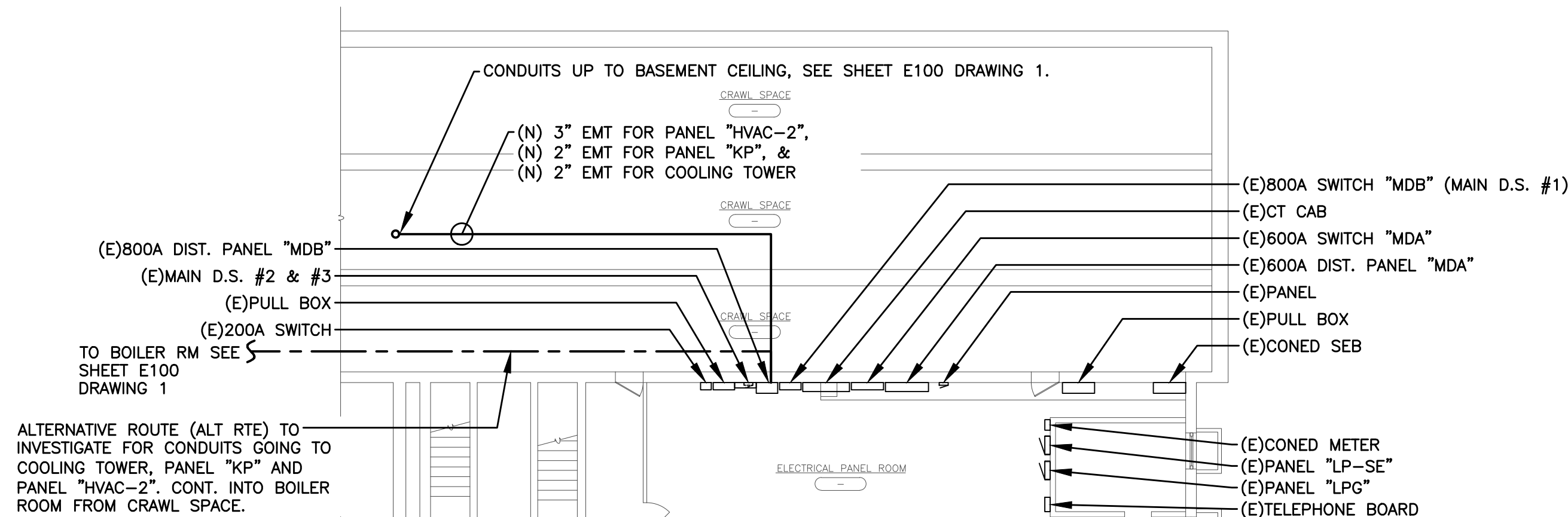
SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - LOWER LEVEL

1 SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL
ENLARGED KITCHEN PLAN - LOWER LEVEL

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



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - SUB BASEMENT

3 SCALE: 3/32" = 1'-0"

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CATERIA

DRAWING TITLE
BASEMENT AND SUB-BASEMENT
ELECTRICAL PLAN

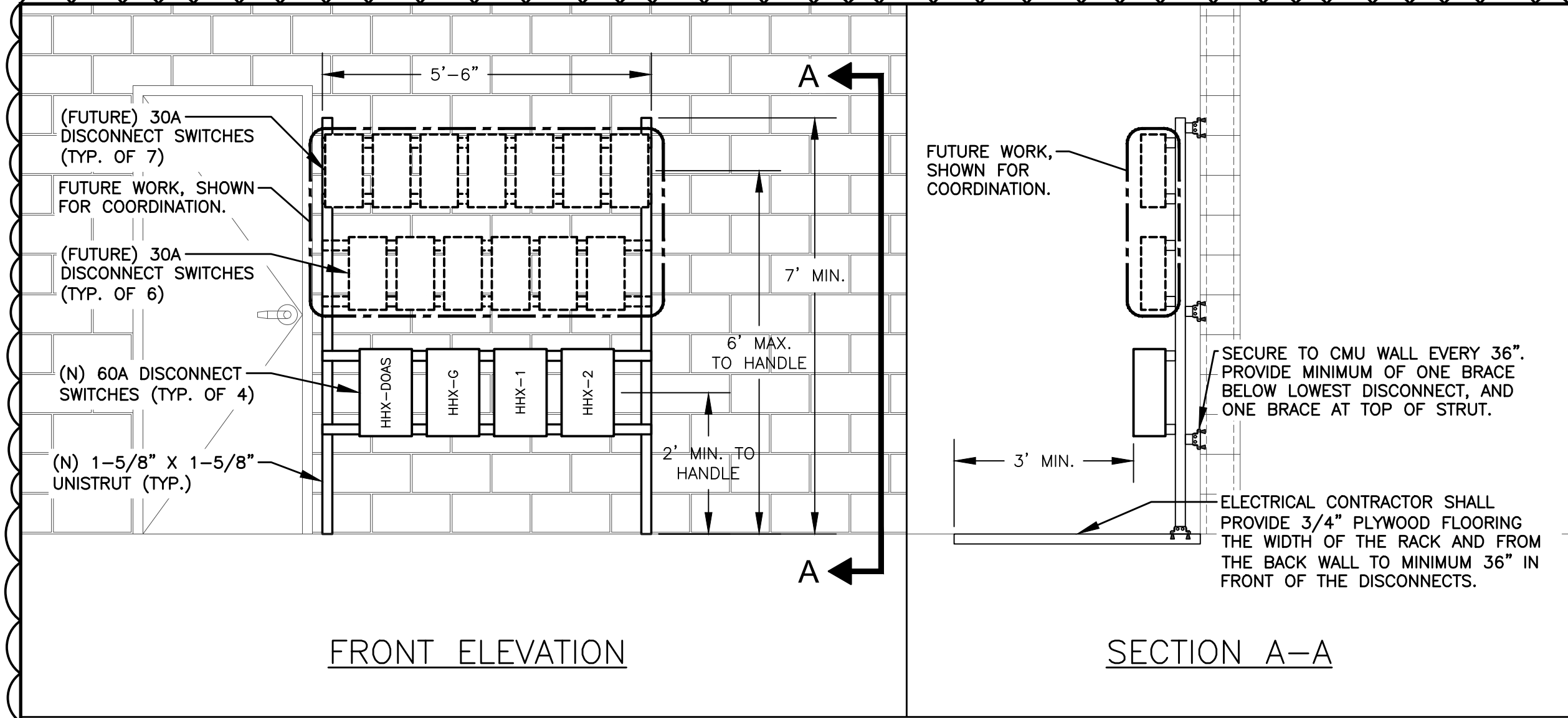
1-24-2023 ADDENDUM 1
1-06-2023 BID
DATE ISSUED TO

SHEET SIZE
30"x42"
SCALE
AS NOTED
DRAWN BY
LFG

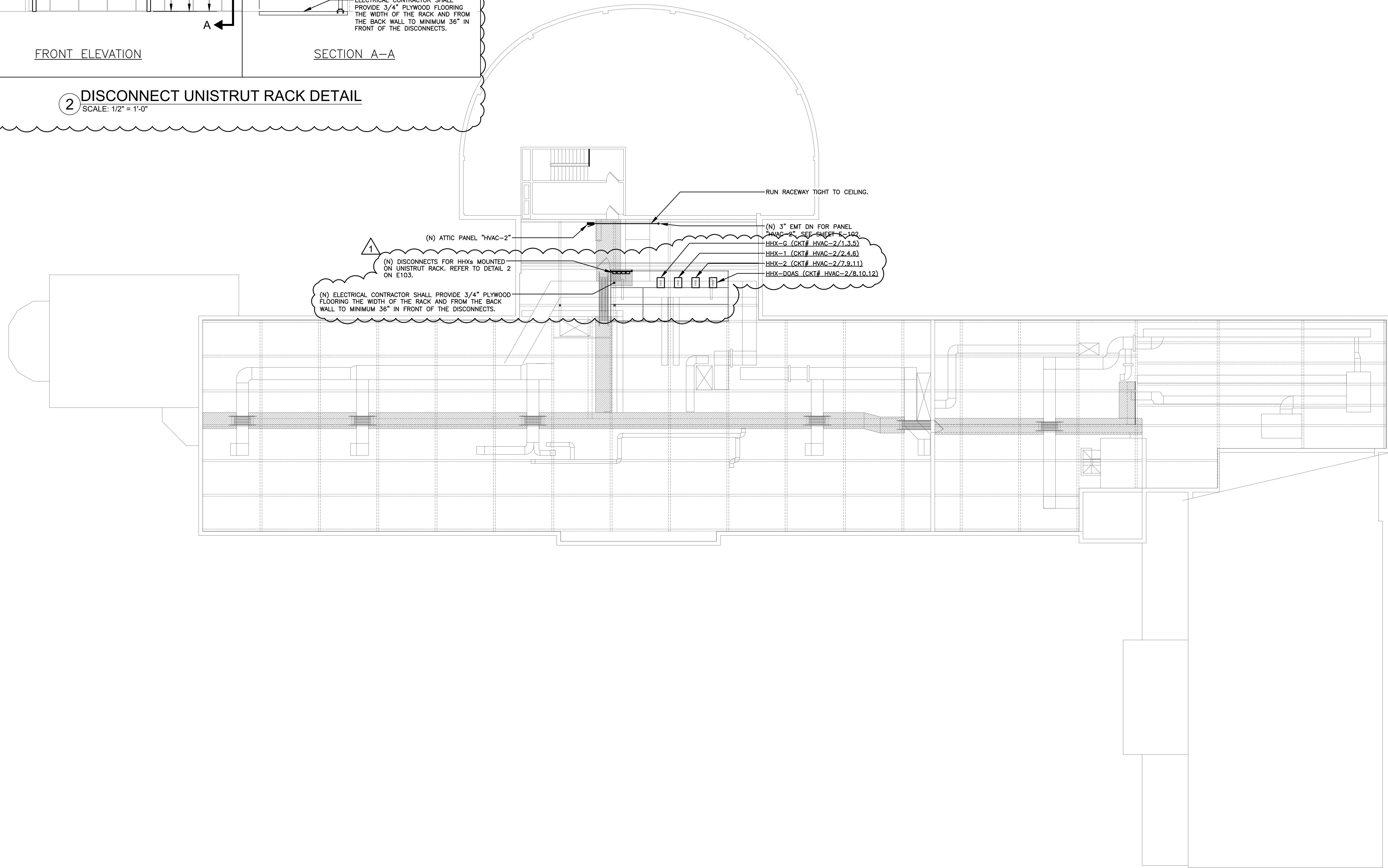
DRAWING NO.
SPES
E100
FILE NO.
21434.01

PLOT DATE: January 24, 2023 -- 11:05am

FILE: \\fjgdc\Codfiles\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg



2 DISCONNECT UNISTRUT RACK DETAIL
SCALE: 1/2" = 1'-0"



1 SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - ATTIC
SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEANS OF GETTING EQUIPMENT INTO ATTIC, PLANKING FOR ACCESS, AND PROPERLY RESTORING OF ANY COMPROMISED SYSTEMS.

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT NAME:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CRETERIA
DRAWING TITLE:
ATTIC ELECTRICAL PLAN

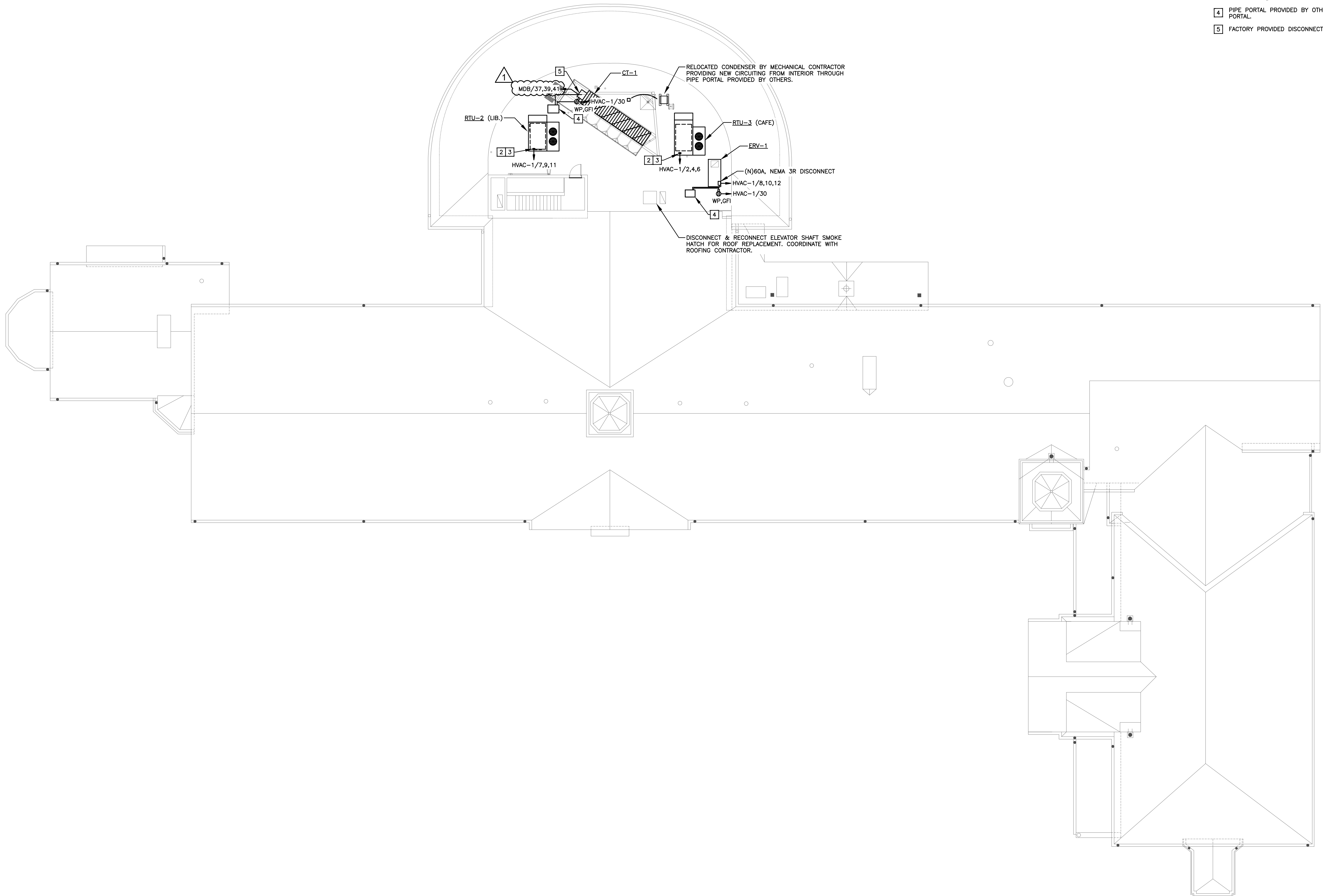
1-24-2023	ADDENDUM 1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES E103
SCALE AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. ALL ROOF PENETRATIONS SHALL BE BY ROOFING CONTRACTOR.
3. ALL CONDUIT EXPOSED ON ROOF SHALL BE RIGID GALVANIZED STEEL U.N.O.. SUPPORT CONDUIT ABOVE ROOF LEVEL PER NEC.

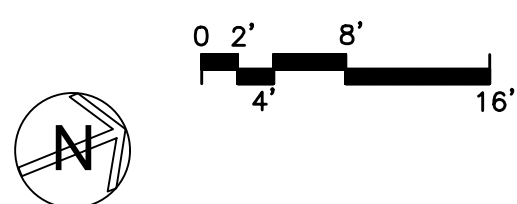
CODED NOTES:

- 1 UNUSED
- 2 CONDUIT UP WITHIN CURB INTO EQUIPMENT. ELECTRICAL CONTRACTOR SHALL WIRE FACTORY FURNISHED NON-FUSED DISCONNECT SWITCH.
- 3 CONTRACTOR SHALL WIRE GFCI RECEPTACLE ON UNIT TO PANEL HVAC-1 CKT#30. ROUTE POWER THROUGH CURB.
- 4 PIPE PORTAL PROVIDED BY OTHERS, ROUTE CONDUIT THROUGH PIPE PORTAL.
- 5 FACTORY PROVIDED DISCONNECT SWITCH.



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - ROOF

1 SCALE: 3/32" = 1'-0"



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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-001-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT: SEELY PLACE ELEMENTARY SCHOOL
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CATERIA
DRAWING TITLE: ROOF ELECTRICAL PLAN

1-24-2023	ADDENDUM 1
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES E104
SCALE AS NOTED	FILE NO. 21434.01
DRAWN BY LFG	

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. _____

F&D RFI NO: **001**
(F&D USE)

NAME OF PROJECT: HVAC Upgrades And Cafeteria Renovations

NAME OF OWNER: Edgemont School District

FACILITY: Greenville & Seely Place Elementary Schools

DATE: **1/20/23**

A/E PROJECT NO: 21434.01

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444;

Fax: 914-592-1717

William Means, RA

WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.13 for additional requirements.

FROM (CO. NAME): allstate electrical contracting

CONTACT NAME: christopher hand Tel: 914-879-1160

SUBJECT: fire alarm vendor

DISCIPLINE/TRADE: electrical

DWG./SPEC. REFERENCE:

QUESTION: Can you provide the name of the schools fire alarm vendor

___ FIELD CONDITION _____

___ DRAWING/SPEC _____

___ DISCREPANCY _____

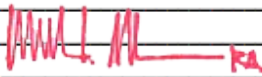
___ OWNER CHANGE _____

___ CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

ANSWER

The current vendor is Open Systems Metro.

ARCHITECT'S SIGNATURE:  RA

DATE: **1/23/2023**

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

END OF SECTION