ADDENDUM
NO. 1

July 16, 2020

Additions & Renovations to Lawrence North High School
7802 Hague Road
Indianapolis, IN 46256

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and Drawings dated July 6, 2020, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-1, Phasing Plan and attached Schmidt Associates Addendum No. 1, dated July 16, 2020 consisting of 96 pages and Drawing Sheet: E-609.

BUILDING TOURS

Building Tours will be conducted on:

Monday July 20, 2020 at 10:00 AM, 1:00 PM and 3:00 PM
Tuesday July 21, 2020 at 10:00 AM, 1:00 PM and 3:00 PM
Wednesday July 22, 2020 at 10:00 AM and 1:00 PM

(Contact Austen Baumgartner - abaumgartner@skillman.com – 317-779-5800 to schedule building tours)

VIRTUAL ONLINE BUILDING TOUR

A Virtual Online Building Tour is available For Reference Only at:

Website address: https://lnhs.iv.navvis.com/
Username: bidders
Password: schmidtppi2020

A. **SPECIFICATION SECTION 01 32 00 SCHEDULES AND REPORTS**

1. Insert the attached Phasing Plans.

ADDENDUM NO. 1
JULY 16, 2020

PREPARED BY SCHMIDT ASSOCIATES FOR:
LAWRENCE NORTH HIGH SCHOOL RENOVATION
LAWRENCE TOWNSHIP, M.S.D. OF

This Addendum consists of 96 Addendum pages and 1 attachment page totaling 97 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 08 – OPENINGS

A. **Section 087100 "DOOR HARDWARE"**

1. INSERT Text HARDWARE GROUP NO. 38A as follows:

Hardware Group No. 38A

Provide each opening with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	SET	AUTO FLUSH BOLT	FB31P/FB41P (AS REQ'D)	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080BDC 17B	626	SCH
1	EA	PERMANENT CORE	COREMAX (BY ALLOWANCE)	626	BES
1	EA	COORDINATOR	COR X FL (MB AS REQ'D)	628	IVE
2	EA	SURFACE CLOSER	4040XP REG OR EDA AS REQ	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	SMOKE GASKET	488SBK PSA	BK	ZER
1	EA	SMOKE GASKET (MEETING STILE)	8042SBK PSA	BK	ZER

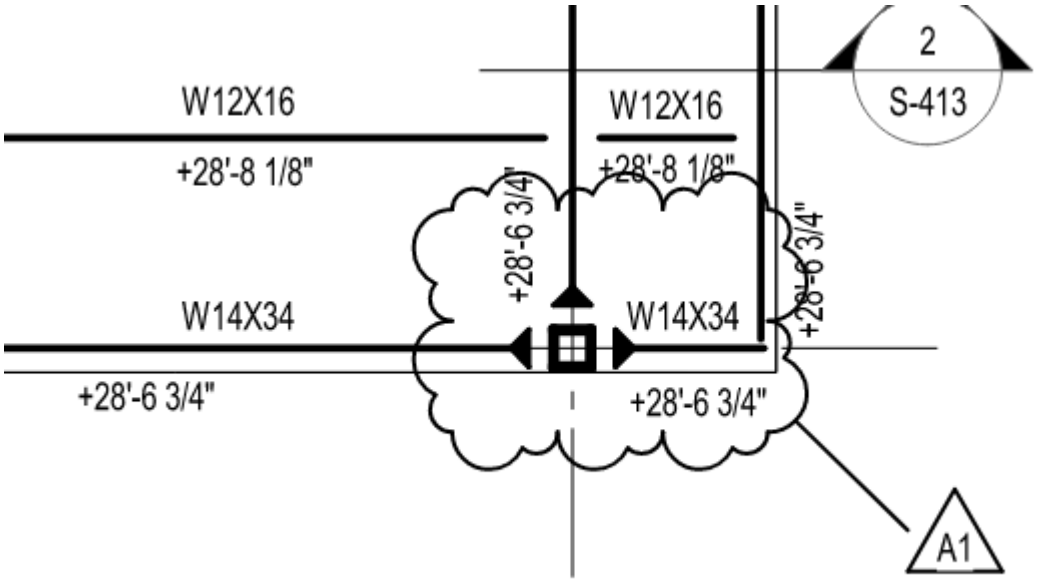
PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

3.1 S-SERIES DRAWINGS

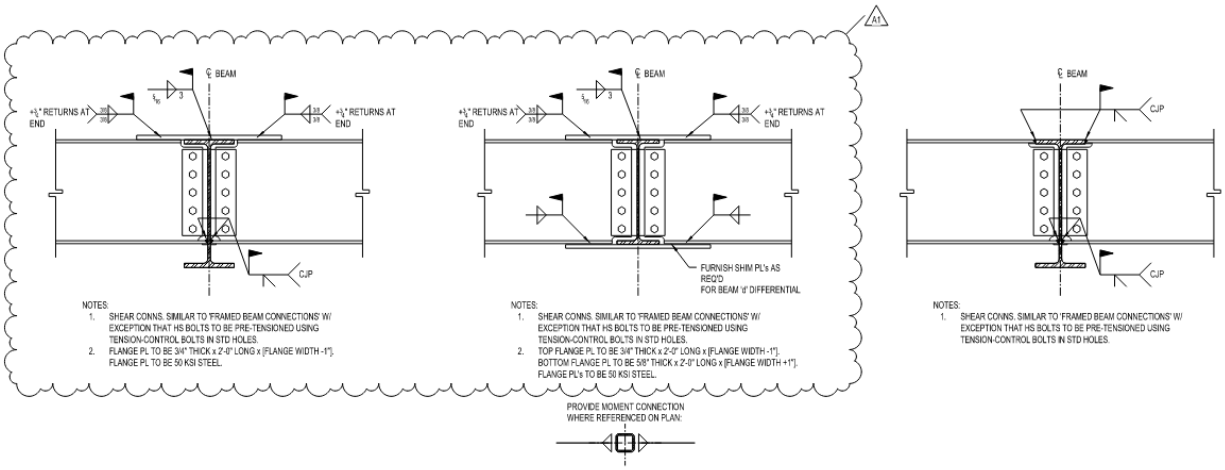
A. **Drawing Number SF1AL**

1. In 1/SF1AL, modify the connection at column AC-A3, as shown below:



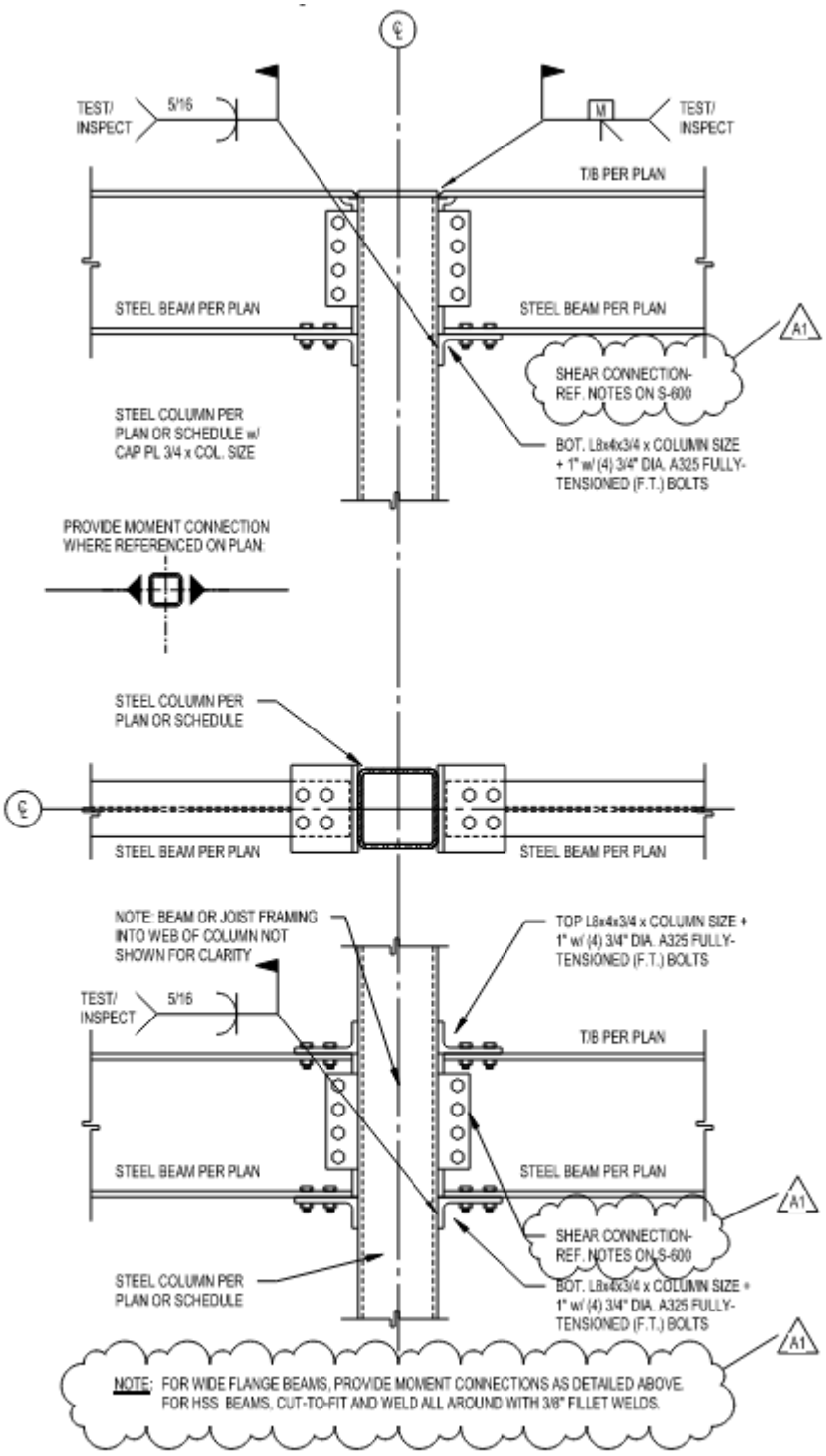
B. **Drawing Number S-501**

1. In Detail 16/S-501, modify the detail as shown below:



17 TYPICAL BEAM-TO-BEAM MOMENT CONNECTIONS
3/4" = 1'-0"

2. In Detail 18/S-501, modify the detail as shown below:



18 TYPICAL BEAM-TO-COLUMN MOMENT CONNECTIONS
3/4" = 1'-0"

3.2 A-SERIES DRAWINGS

A. Reflected Ceiling Plan Notes

1. DELETE Note 10 in its entirety and replace with the following:

   "10. 090123.99 – PAINT ALL EXPOSED STRUCTURE, DUCTWORK, PIPING, CONDUIT, ETC., ABOVE, COLOR: FLAT WHITE."

2. DELETE Note 28 in its entirety and replace with the following:

   "28. 090123.99 – PAINT ALL EXPOSED STRUCTURE, DUCTWORK, PIPING, CONDUIT, ETC., ABOVE, COLOR: FLAT BLACK."

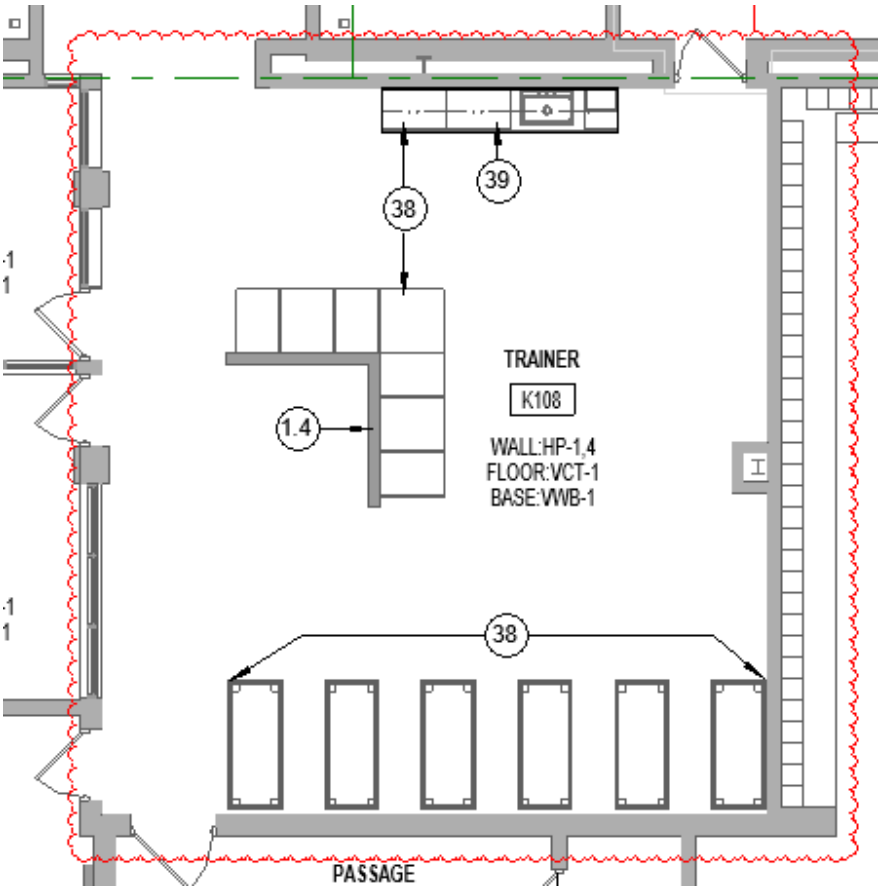
3.3 I-SERIES DRAWINGS

A. Drawing Number IN1H1

1. ADD Notes 38 & 39 to Drawing as follows:

   "#38 - EXISTING CASEWORK (& FREESTANDING TRAINING TABLES) TO BE SALVAGED AND REINSTALLED IN CURRENT CONFIGURATION. VERIFY EXACT PLACEMENT IN FIELD PRIOR TO DEMOLITION OF EXISTING FINISHES."

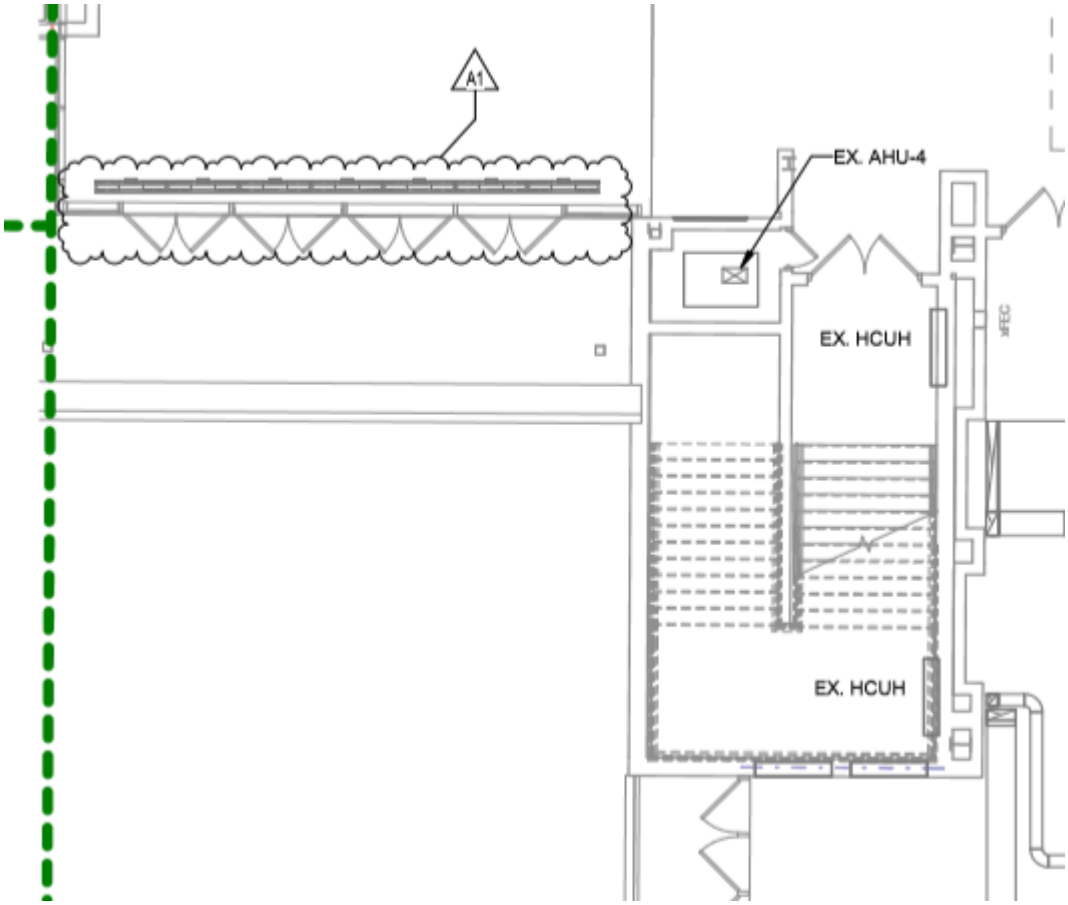
   "#39 - 12 32 00 - PROVIDE NEW COUNTERTOP W/ 4" BACKSPLASH TO BE PL-2. VERIFY OVERALL DIMENSIONS IN FIELD TO MATCH EXISTING CASEWORK CONFIGURATION."



3.4 M-SERIES DRAWINGS

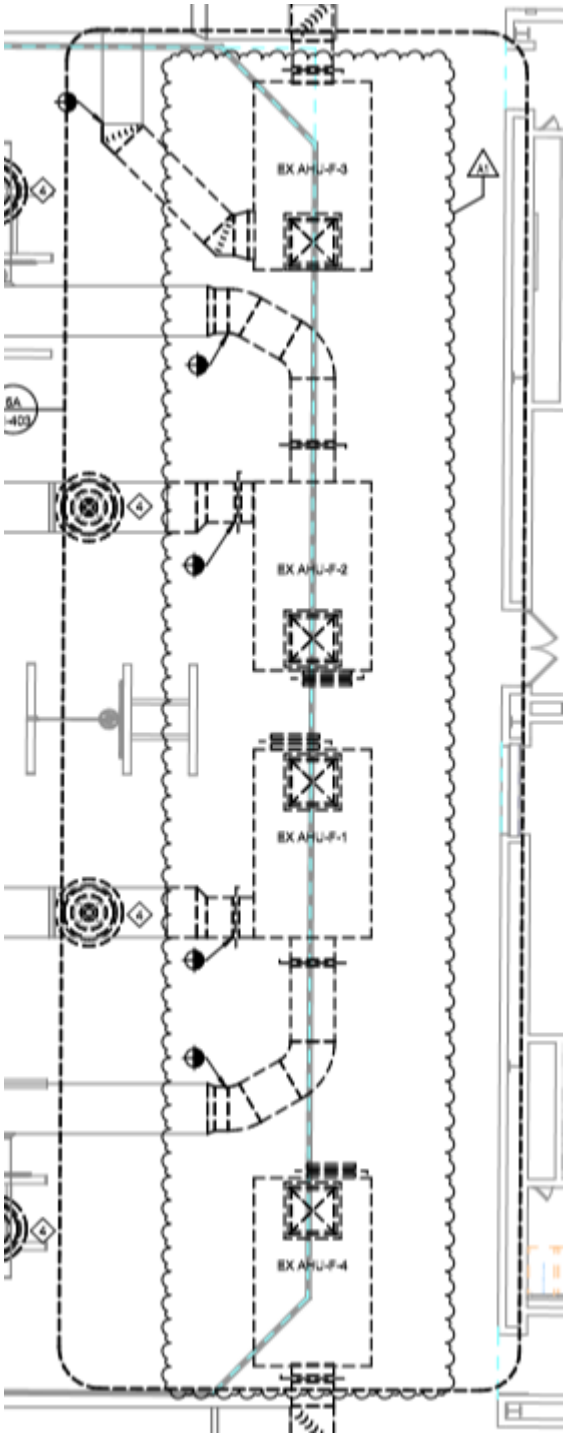
A. **Drawing Number MDH1H1**

1. MODIFY drawing to remove existing grilles as follows:



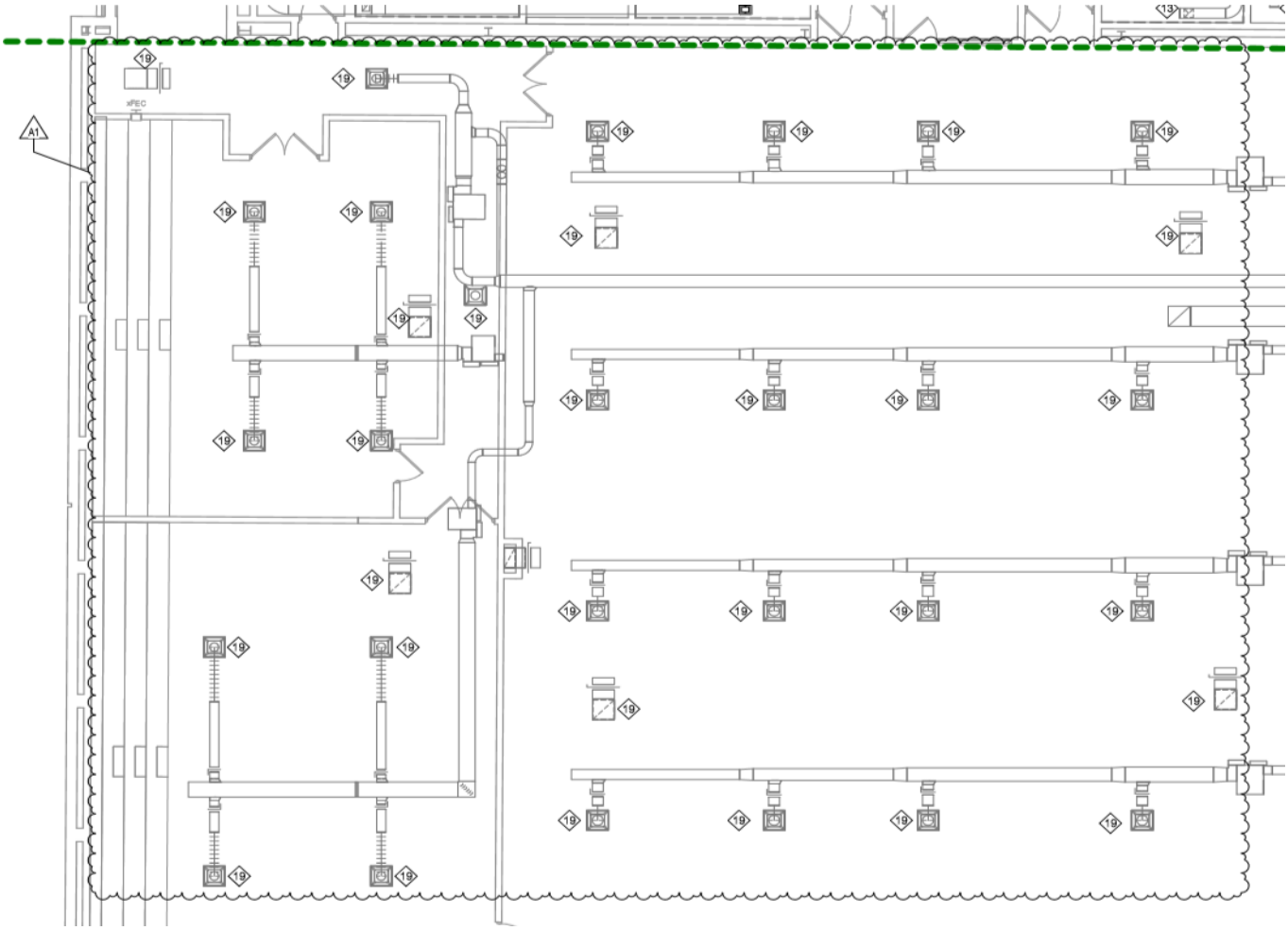
B. **Drawing Number MDH1H2**

1. MODIFY drawing to remove existing ductwork, AHU's and intake vents as follows:



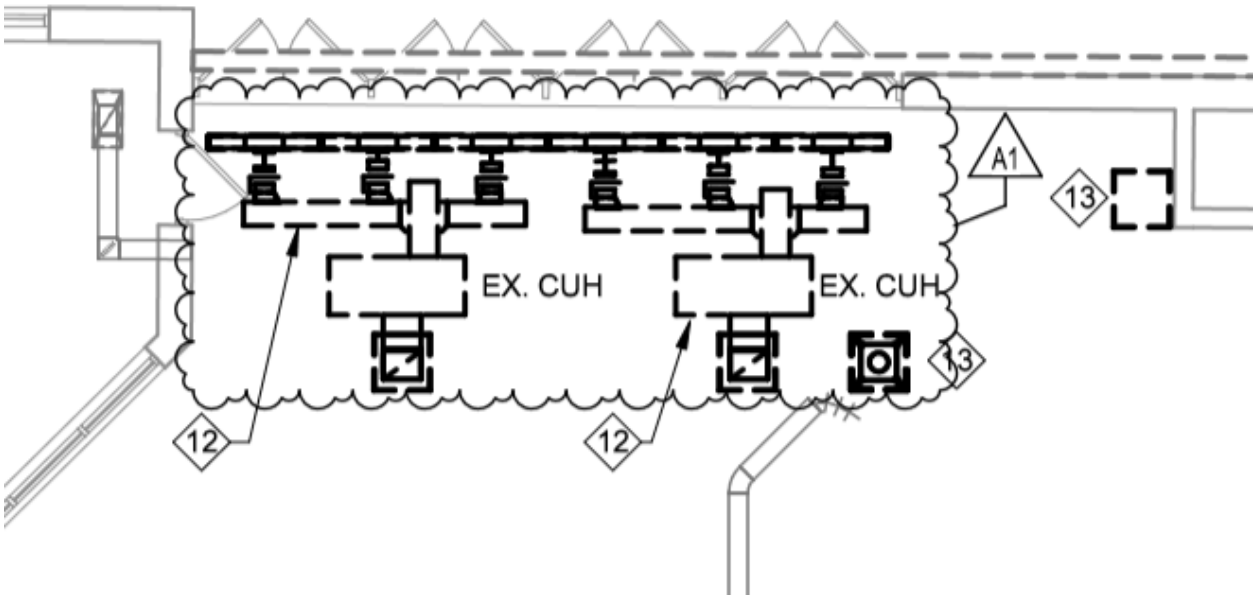
C. **Drawing Number MDH1J1**

1. MODIFY drawing to remove existing diffuser or grille. Clean and protect for placement in new ceiling grid as follows:



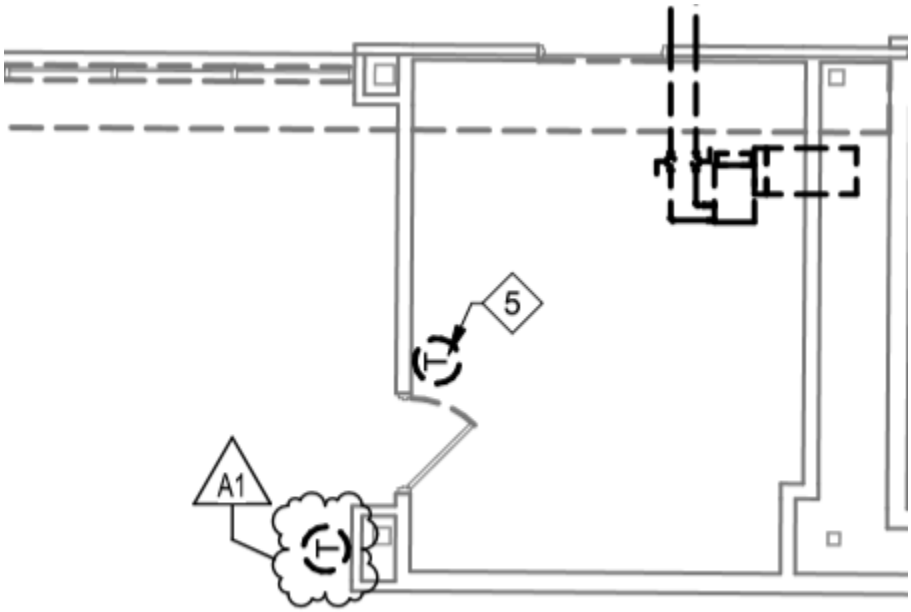
D. **Drawing Number MDH1K1**

1. MODIFY drawing to remove existing CUH, associated ductwork, and diffusers as follows:



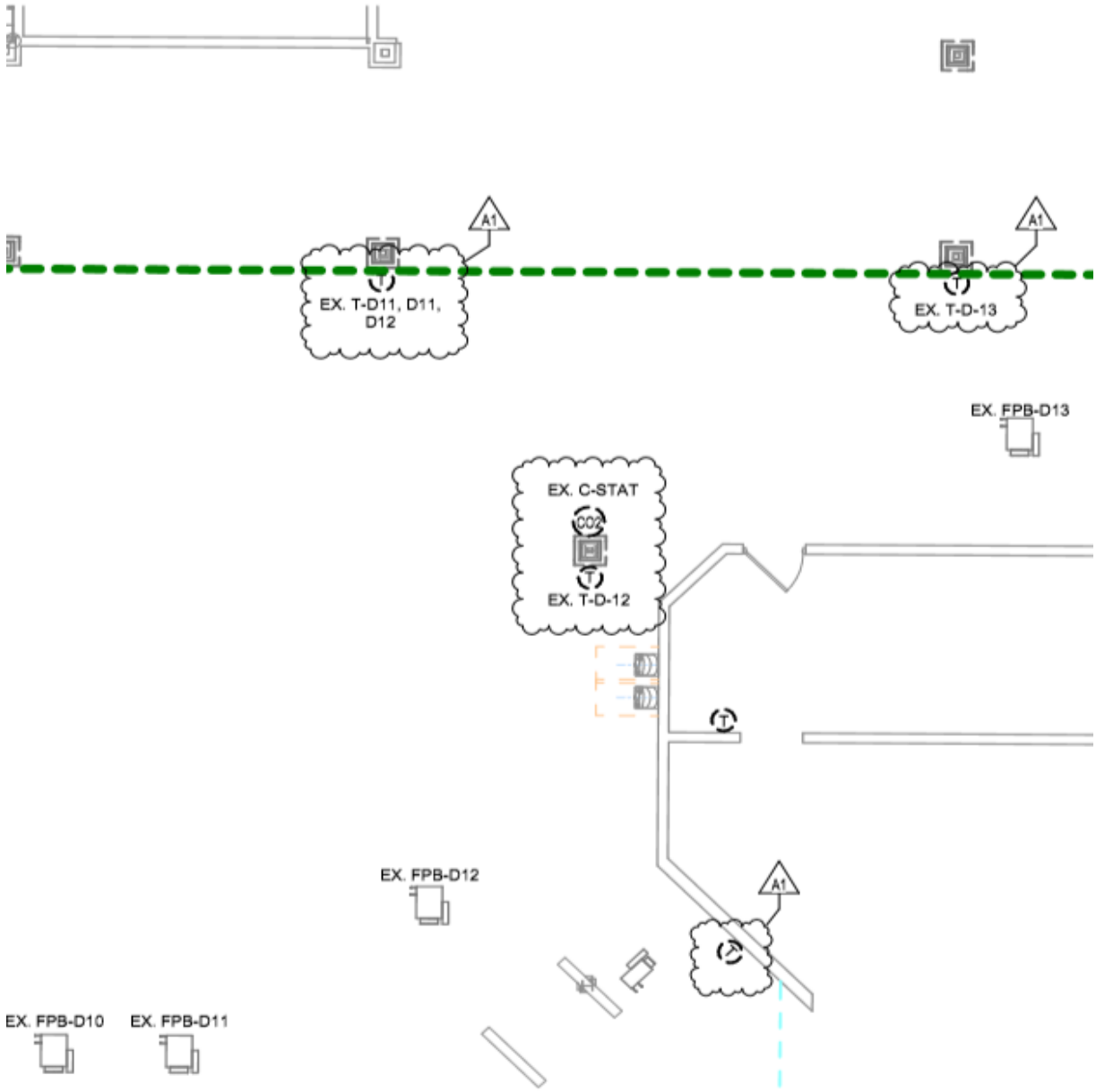
E. **Drawing Number MDP1C1**

1. MODIFY drawing to remove existing thermostat as follows:



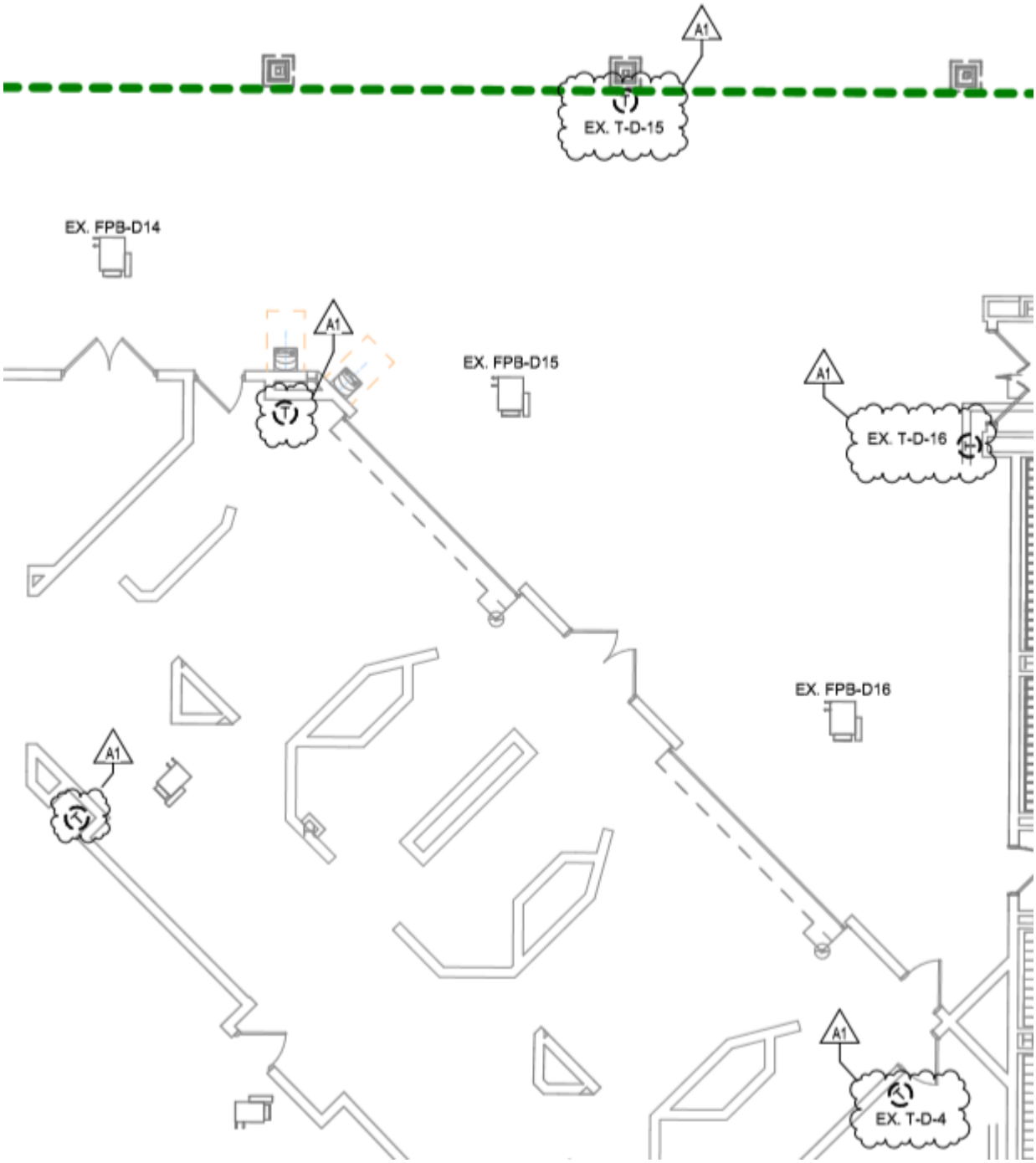
F. **Drawing Number MDP1D1**

1. MODIFY drawing to remove existing thermostat as follows:



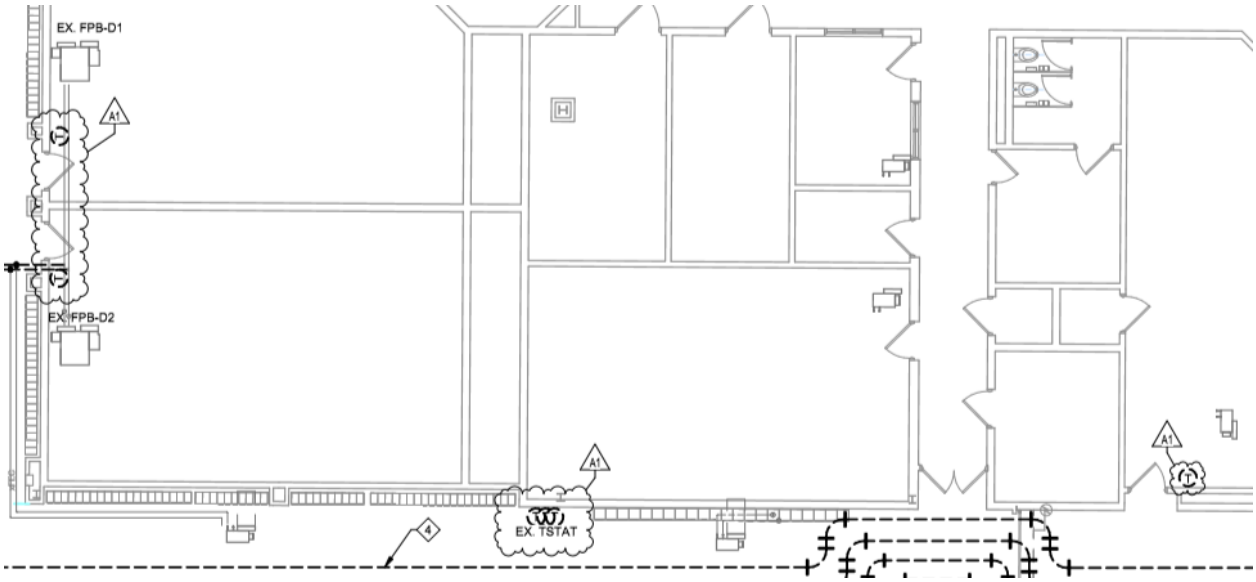
G. **Drawing Number MDP1D1**

1. MODIFY drawing to remove existing thermostat as follows.



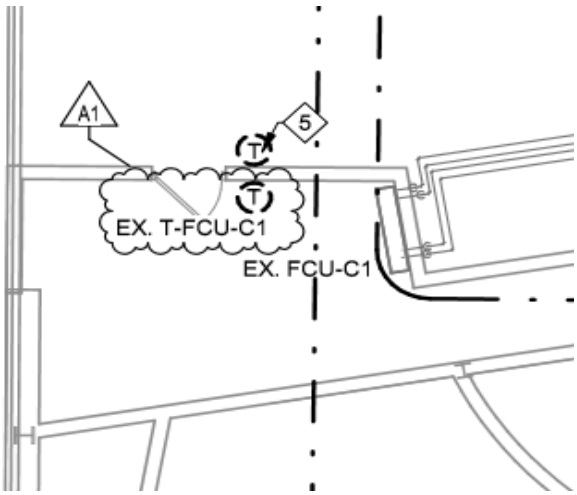
H. **Drawing Number MDP1D1**

1. MODIFY drawing to remove existing thermostat as follows:



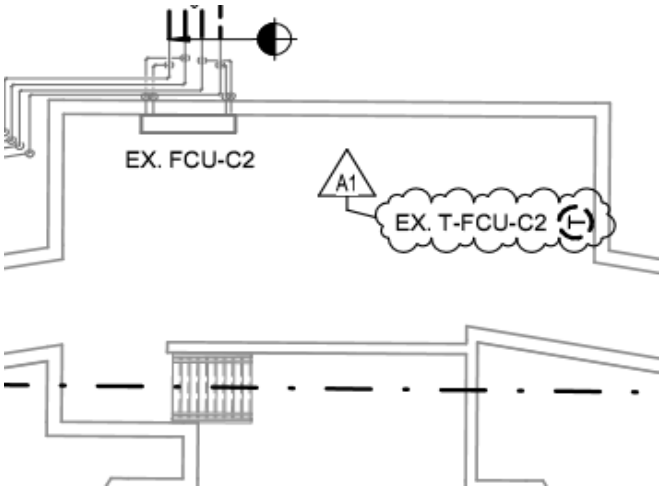
I. **Drawing Number MDP1D2**

1. MODIFY drawing to remove existing thermostat as follows:



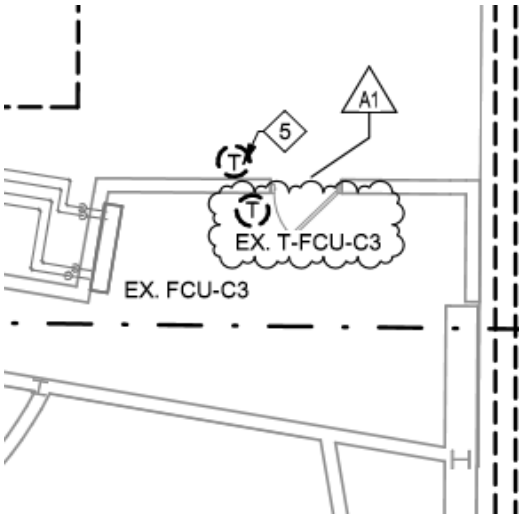
J. **Drawing Number MDP1D2**

1. MODIFY drawing to remove existing thermostat as follows:



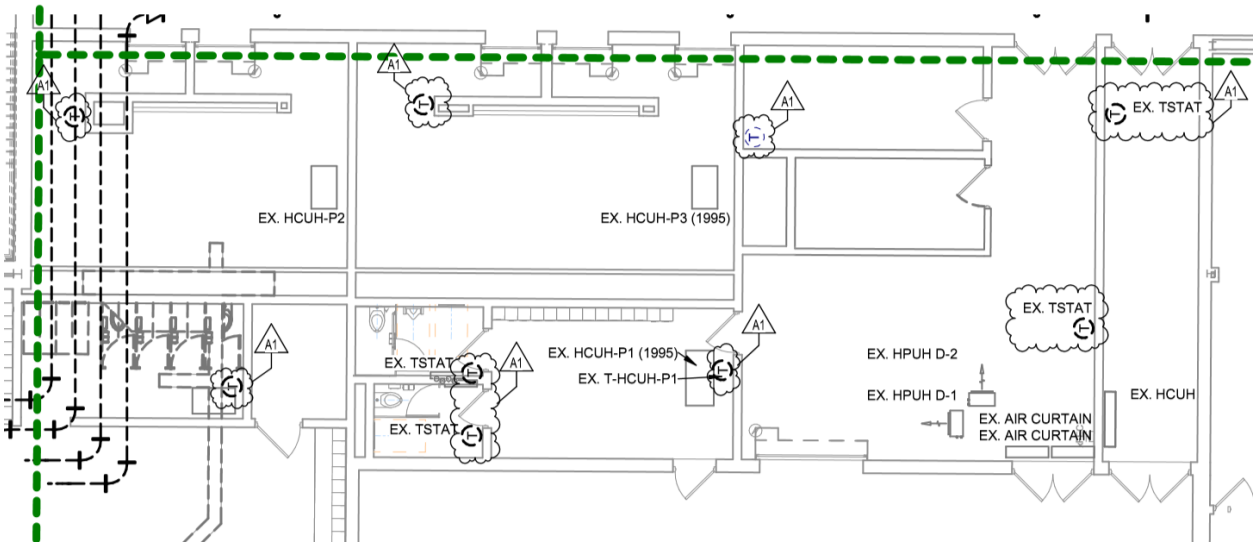
K. **Drawing Number MDP1D2**

1. MODIFY drawing to remove existing thermostat as follows:



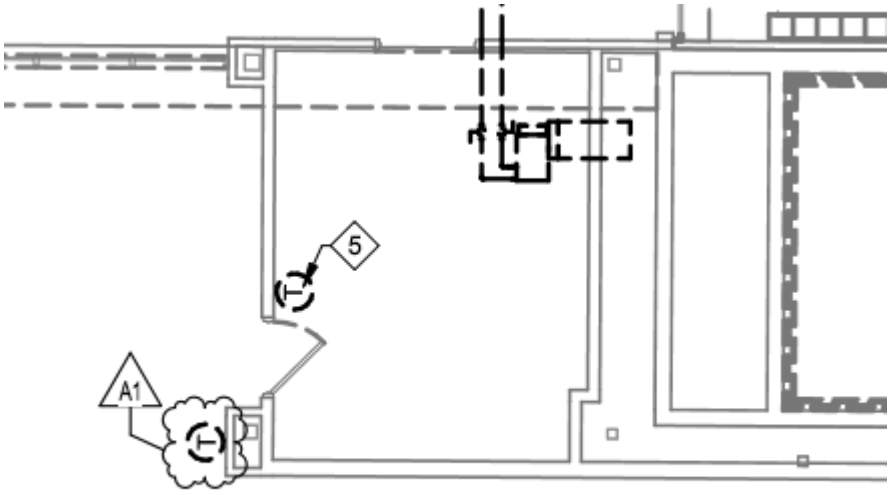
L. **Drawing Number MDP1E1**

1. MODIFY drawing to remove existing thermostat as follows:



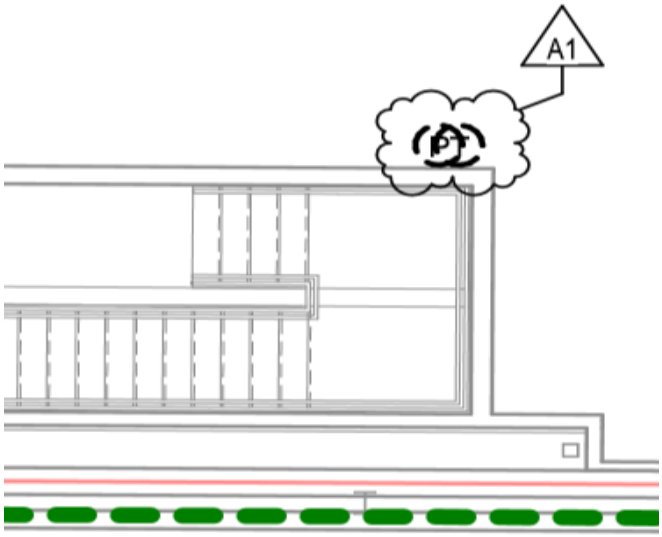
M. **Drawing Number MDP1G1**

1. MODIFY drawing to remove existing thermostat as follows:



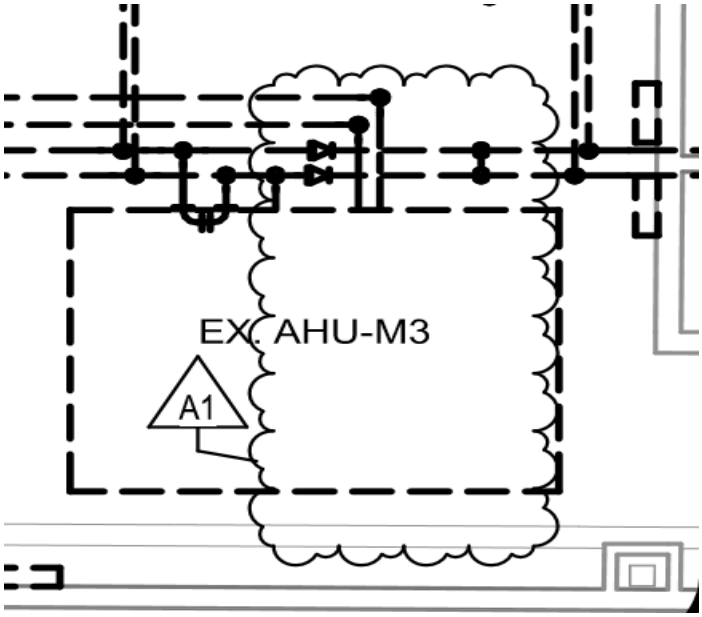
N. **Drawing Number MDP1G2**

1. MODIFY drawing to remove existing thermostat as follows:



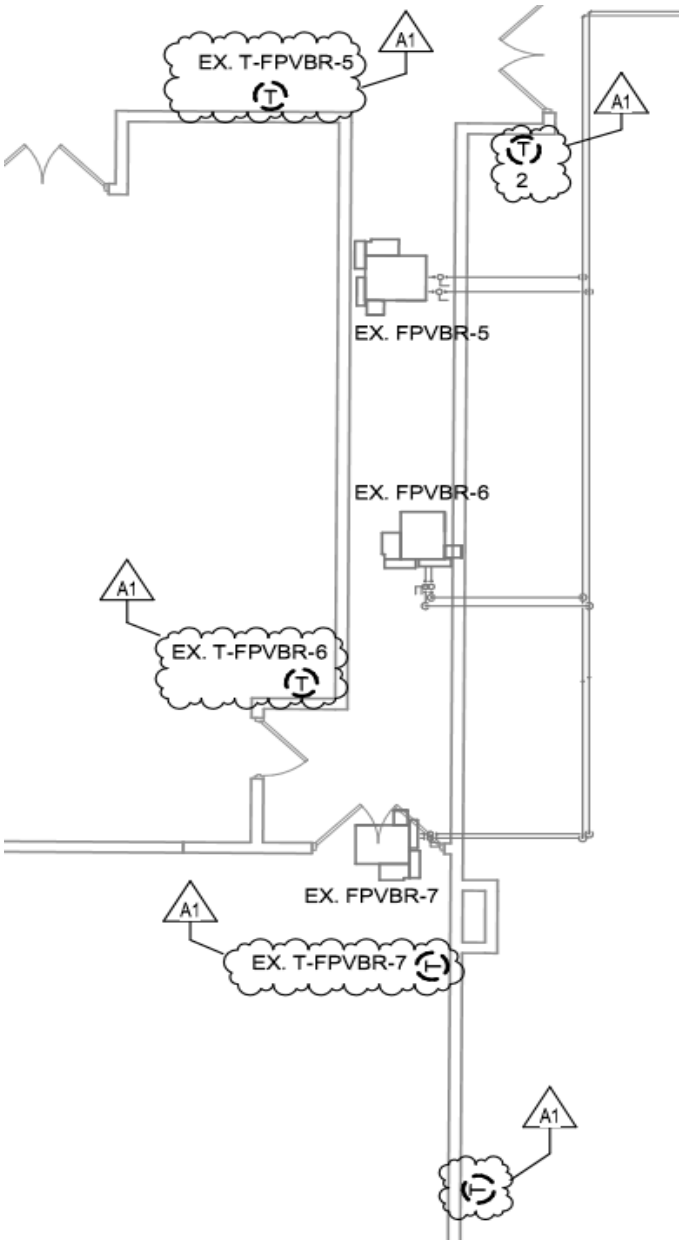
O. **Drawing Number MDP1G2**

1. MODIFY drawing to remove existing piping as follows:



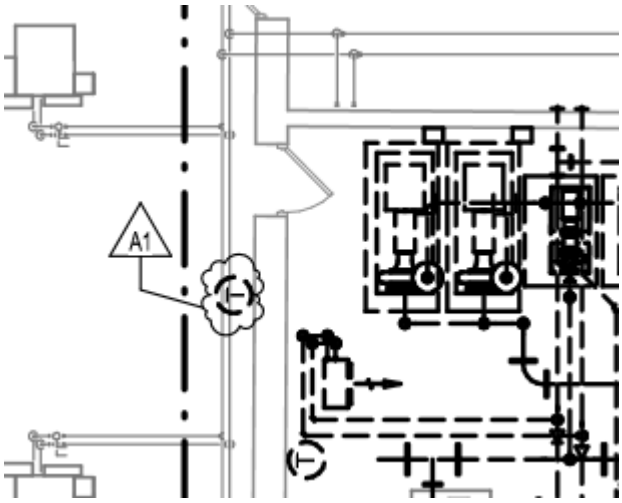
P. **Drawing Number MDP1J1**

1. MODIFY drawing to remove existing thermostat as follows:



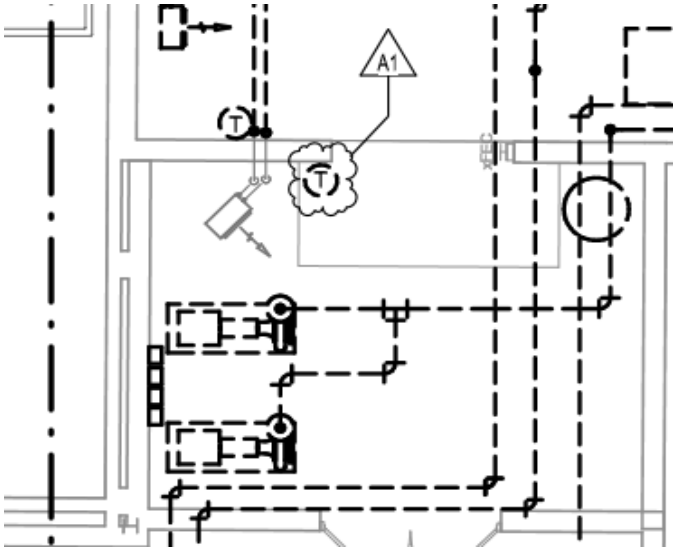
Q. **Drawing Number MDP1J1**

1. MODIFY drawing to remove existing thermostat as follows:



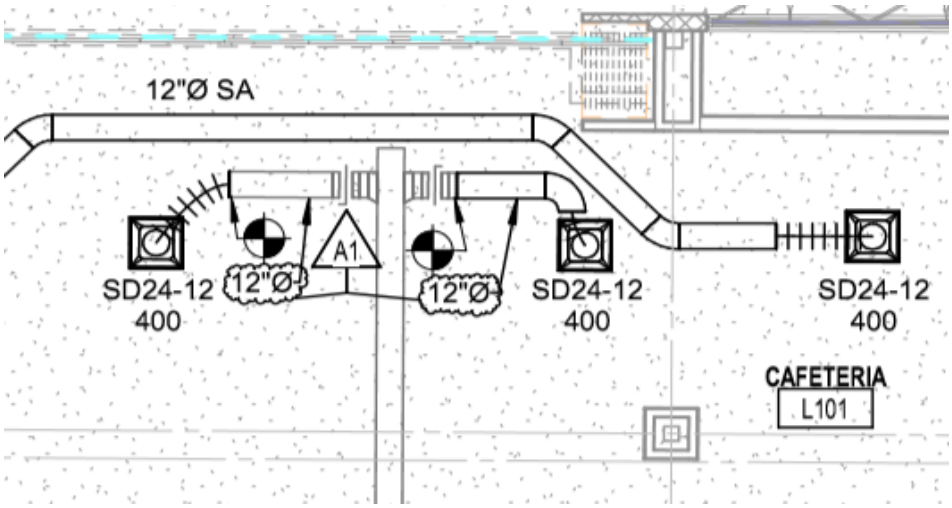
R. **Drawing Number MDP1J1**

1. MODIFY drawing to remove existing thermostat as follows:



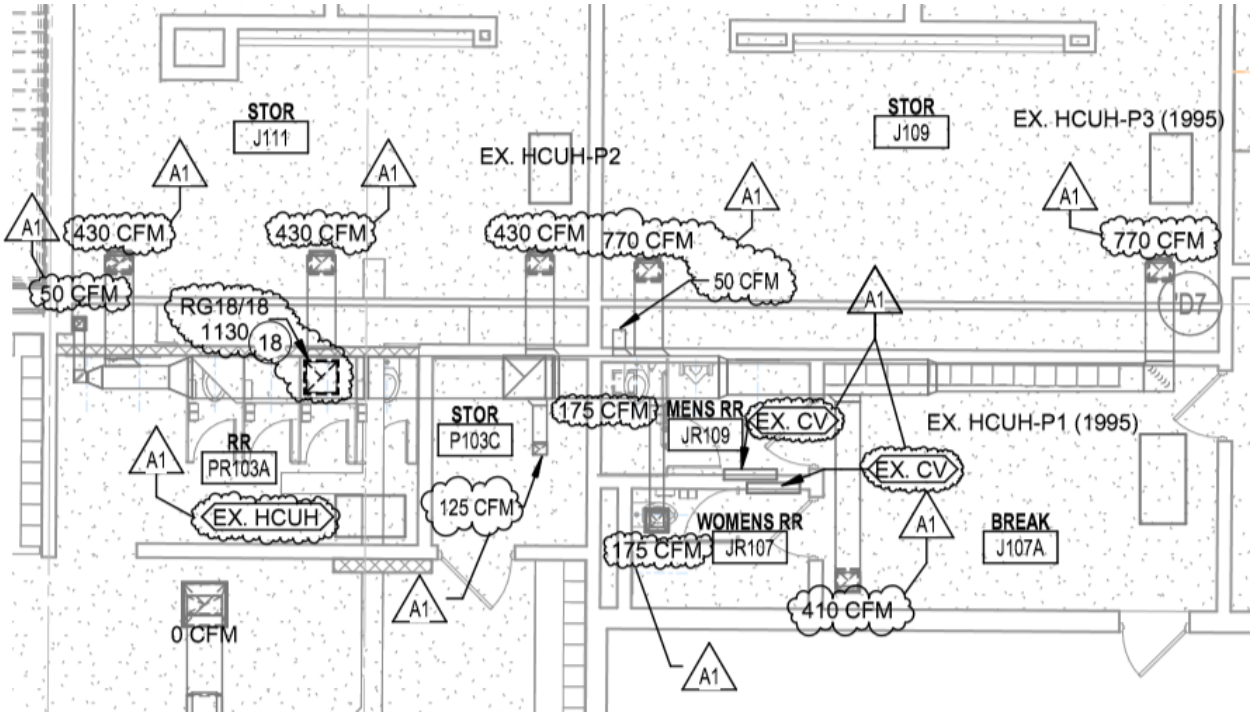
S. **Drawing Number MH1C1**

1. MODIFY drawing to add the following duct sizes as follows:



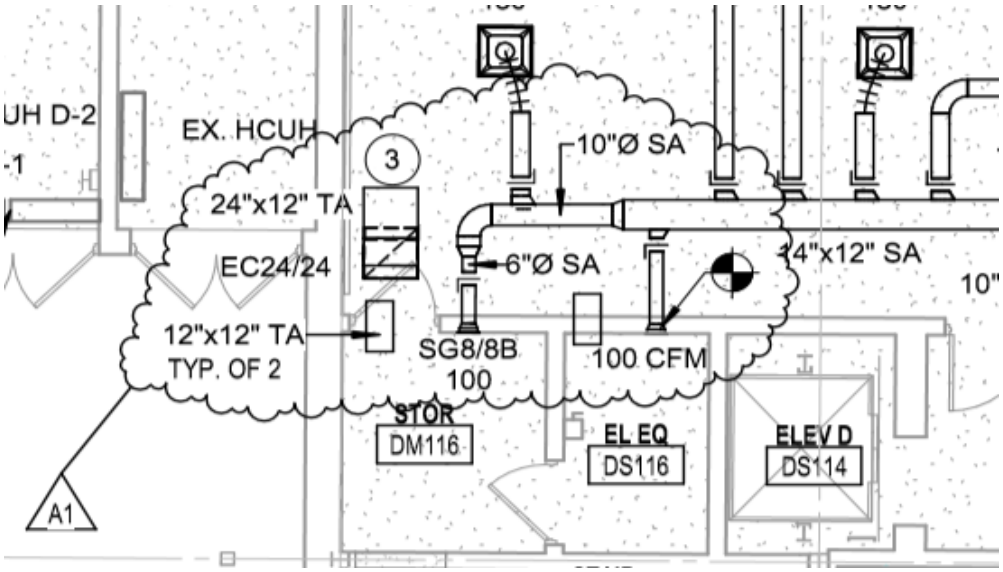
T. **Drawing Number MH1E1**

1. MODIFY drawing to add the following CFM's as follows:



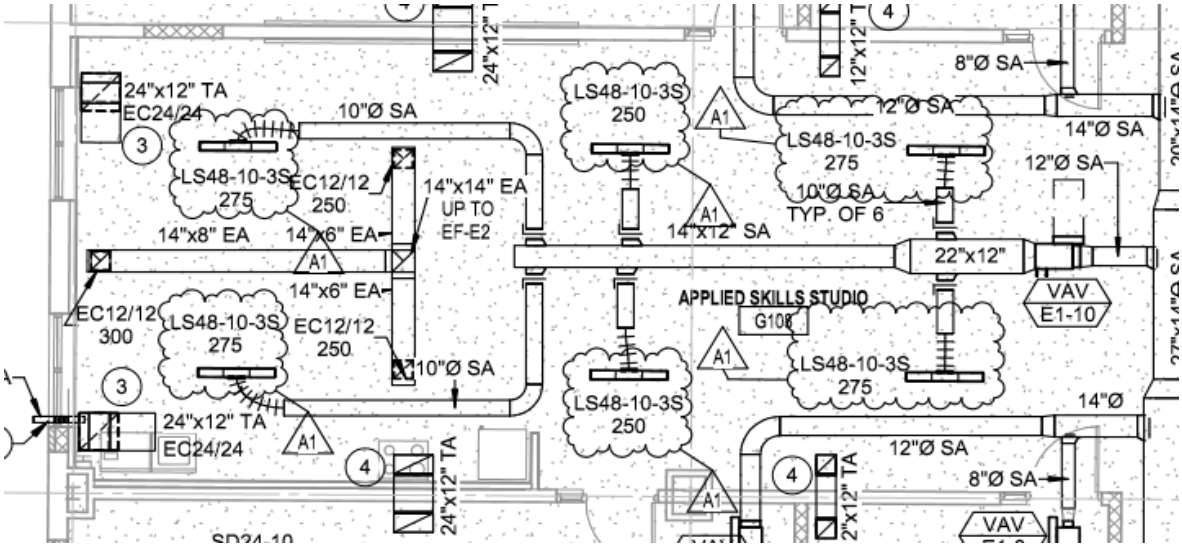
U. **Drawing Number MH1E1**

1. MODIFY drawing to add the following duct size changes duct modifications as follows:



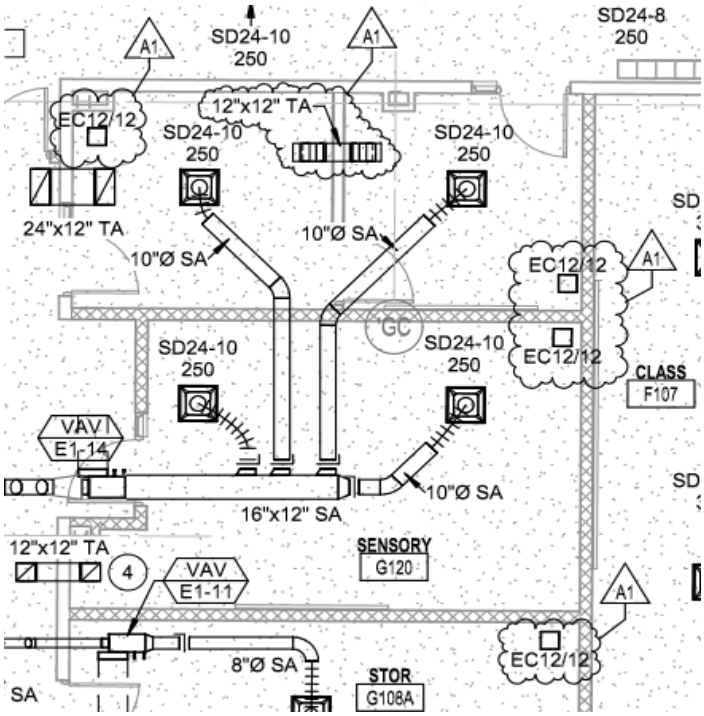
V. **Drawing Number MH1E1**

1. MODIFY drawing to add the following diffusers and duct modifications as follows:



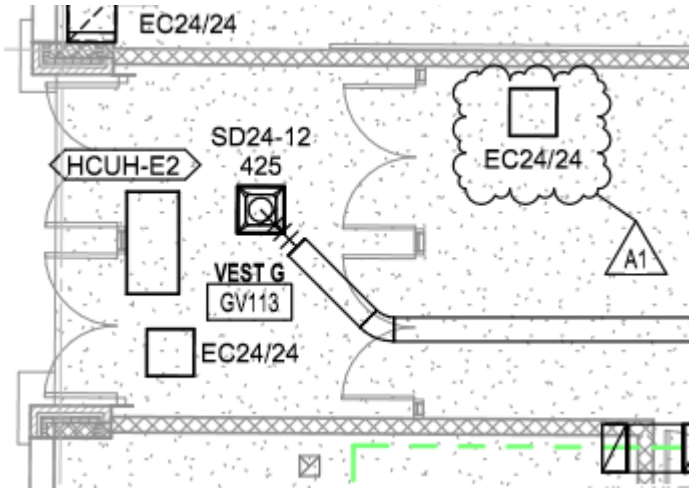
W. **Drawing Number MH1E1**

1. MODIFY drawing to add the following eggcrate grilles and duct modifications as follows:



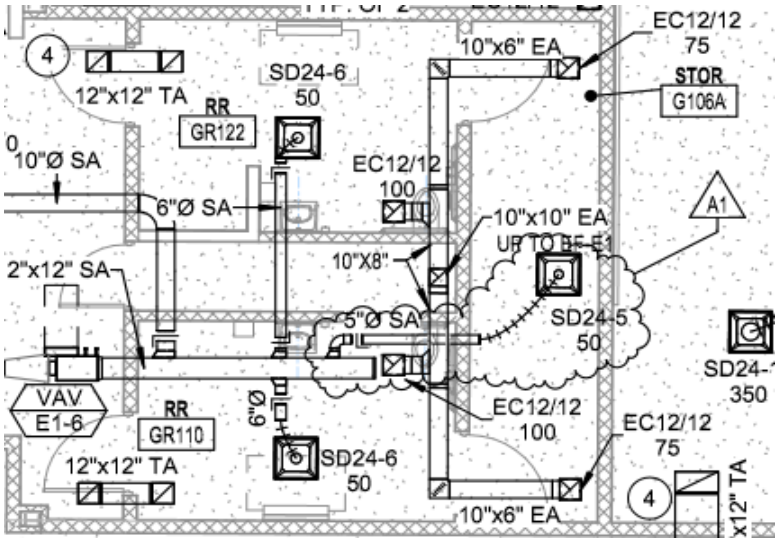
X. **Drawing Number MH1E1**

1. MODIFY drawing to add the following eggcrate grille as follows:



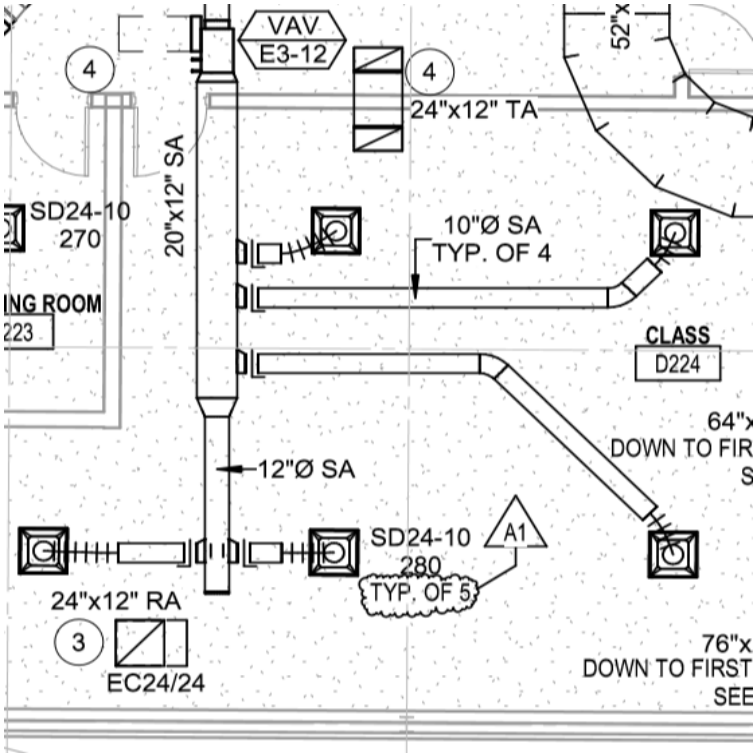
Y. **Drawing Number MH1E1**

1. MODIFY drawing as follows:



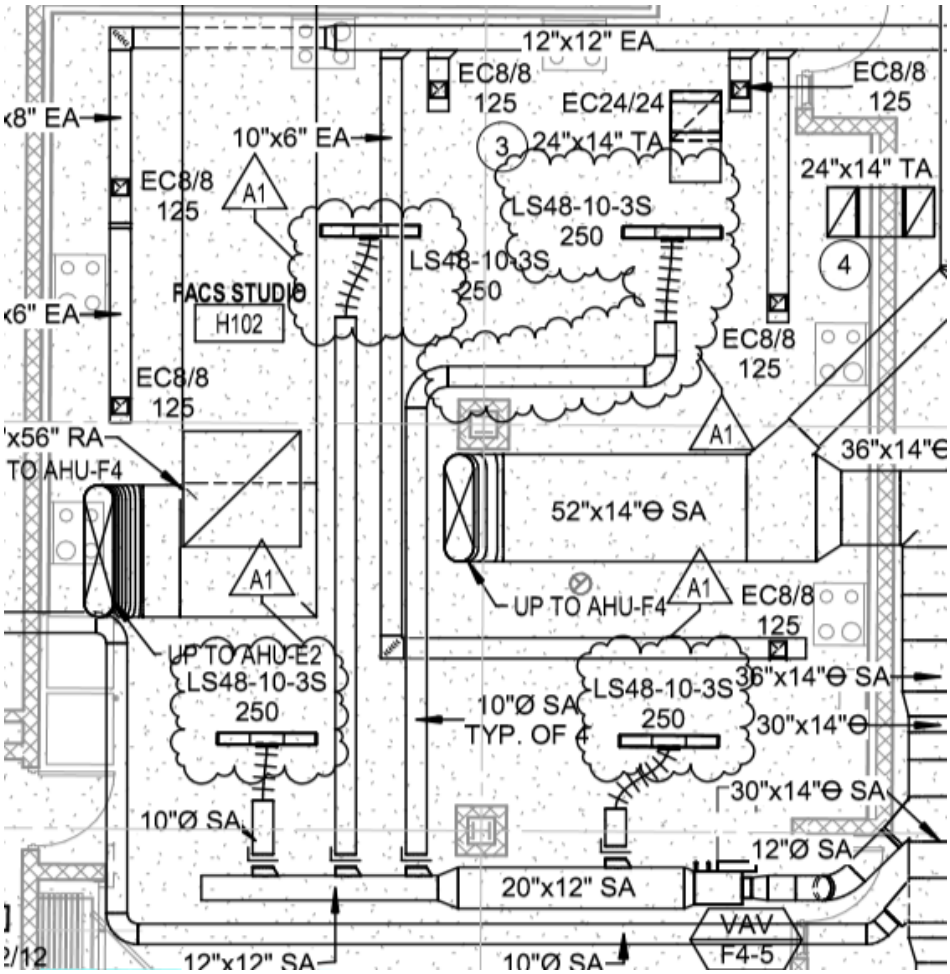
Z. **Drawing Number MH1E2**

1. MODIFY drawing as follows:



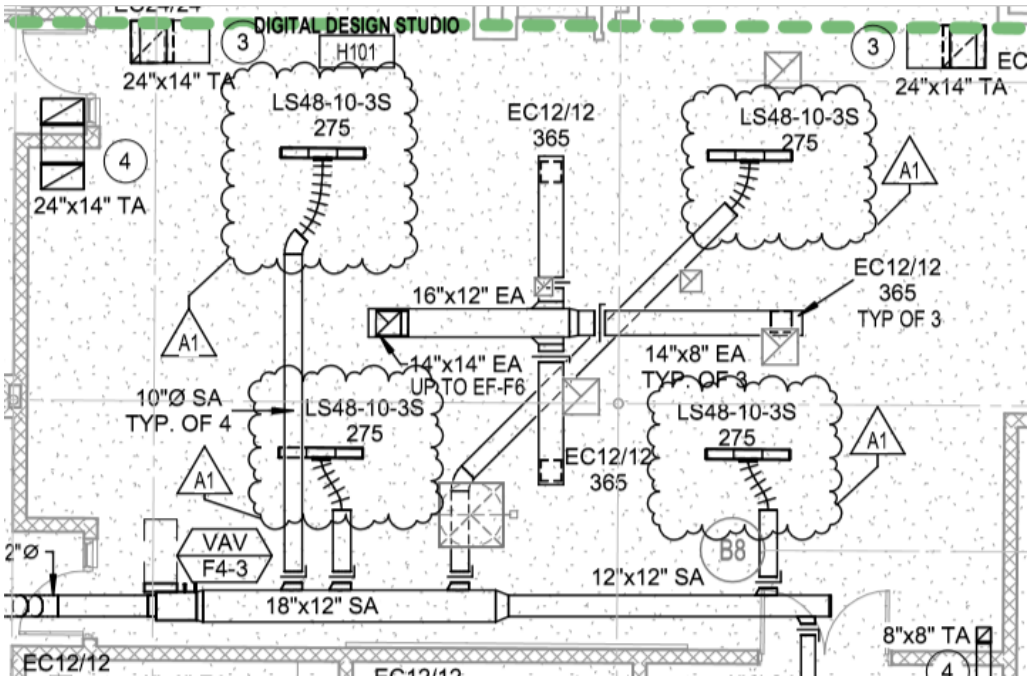
AA. **Drawing Number MH1F1**

1. MODIFY drawing to add the following CFM's and duct modifications as follows:



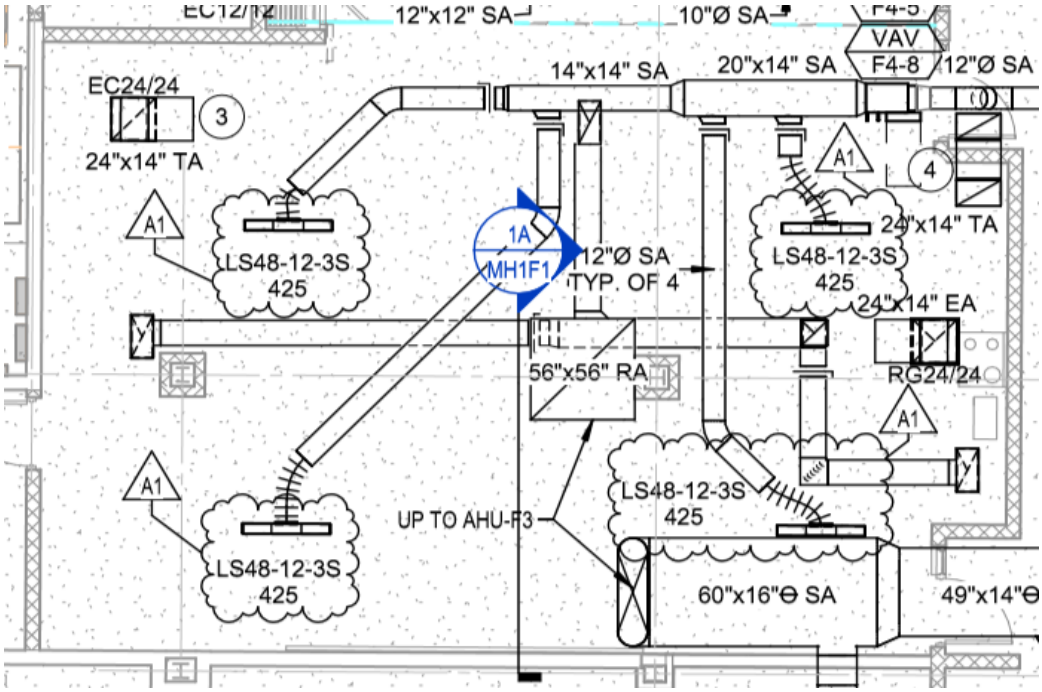
BB. **Drawing Number MH1F1**

1. MODIFY drawing to add the following CFM's and duct modifications as follows:



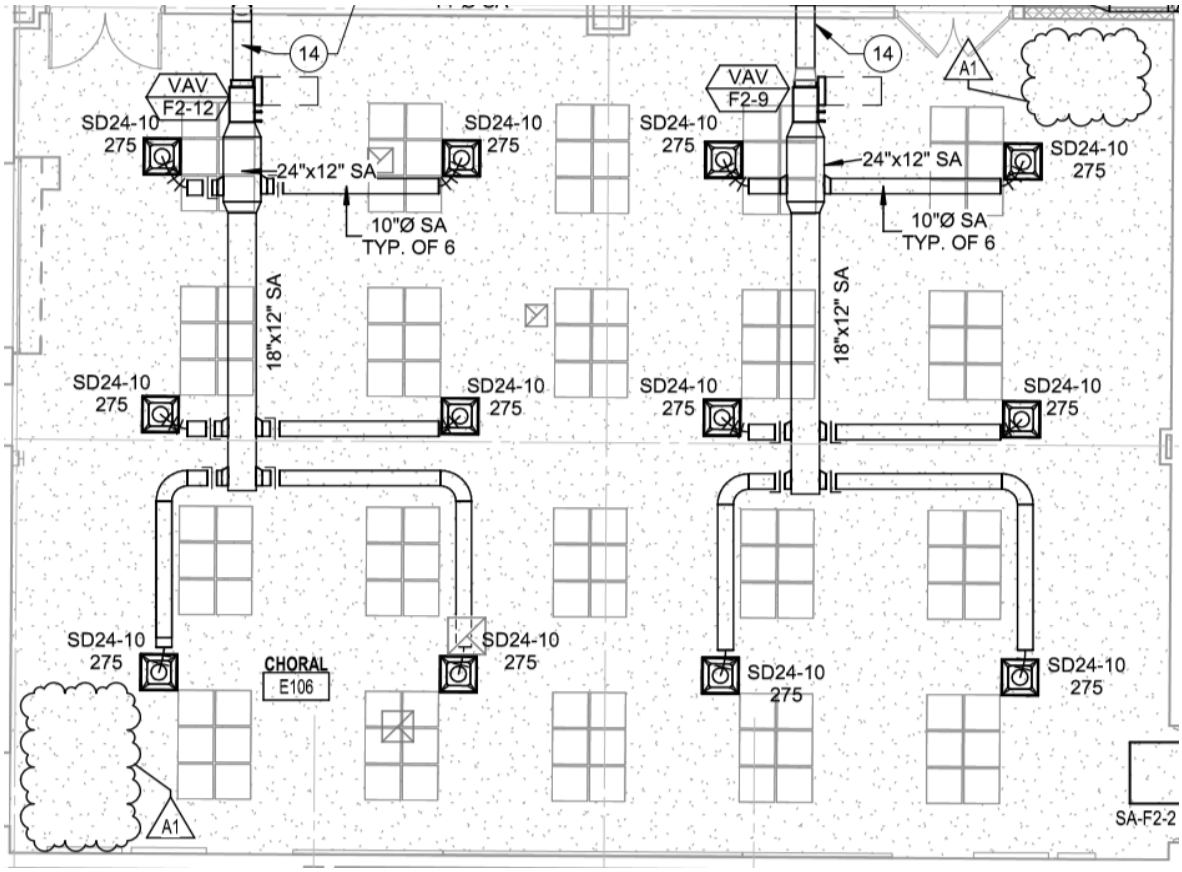
CC. **Drawing Number MH1F1**

1. MODIFY drawing to add the following CFM's and duct modifications as follows:



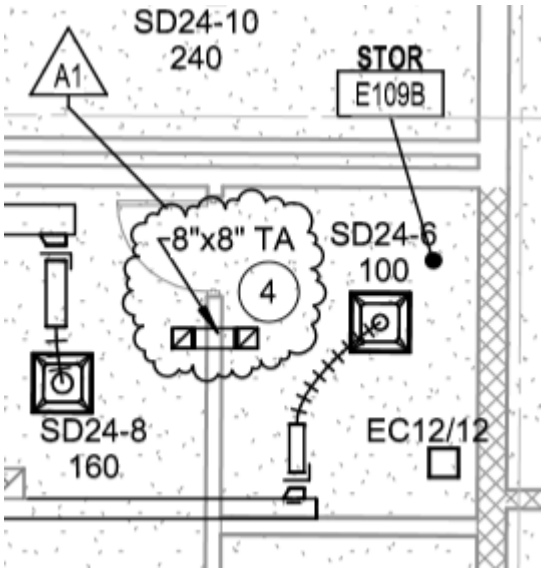
DD. **Drawing Number MH1F1**

1. MODIFY drawing to delete return air grilles as follows:



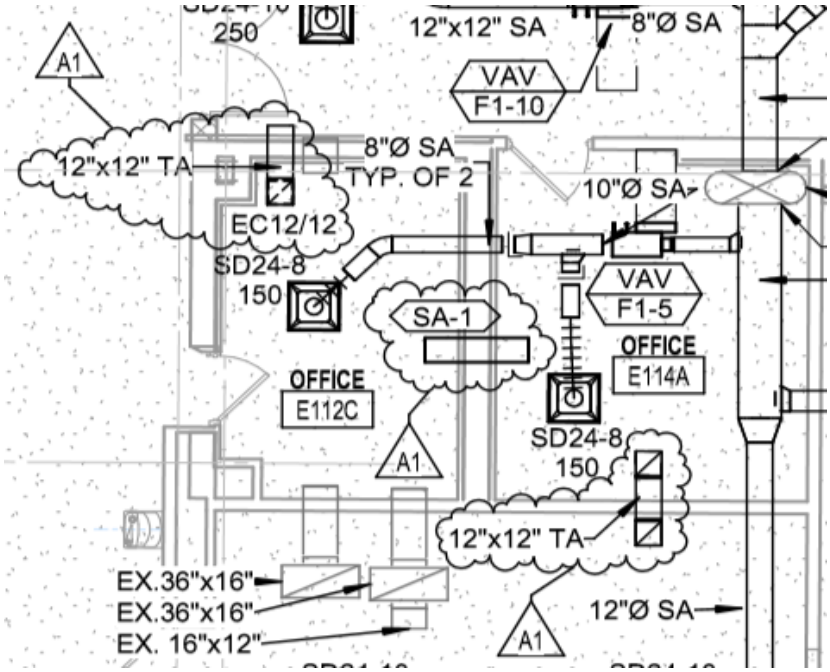
EE. **Drawing Number MH1F1**

1. MODIFY drawing to add jumper ducts as follows:



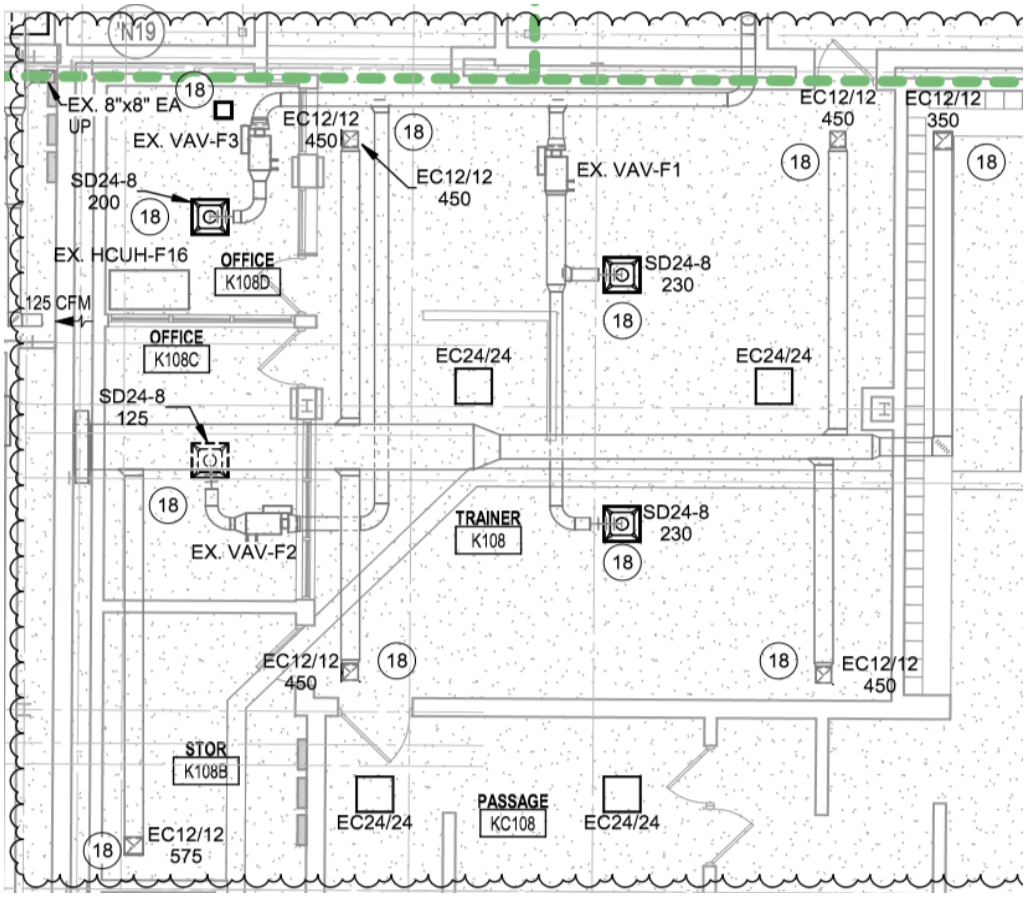
FF. **Drawing Number MH1F1**

1. MODIFY drawing to add jumper ducts and sound attenuator as follows:



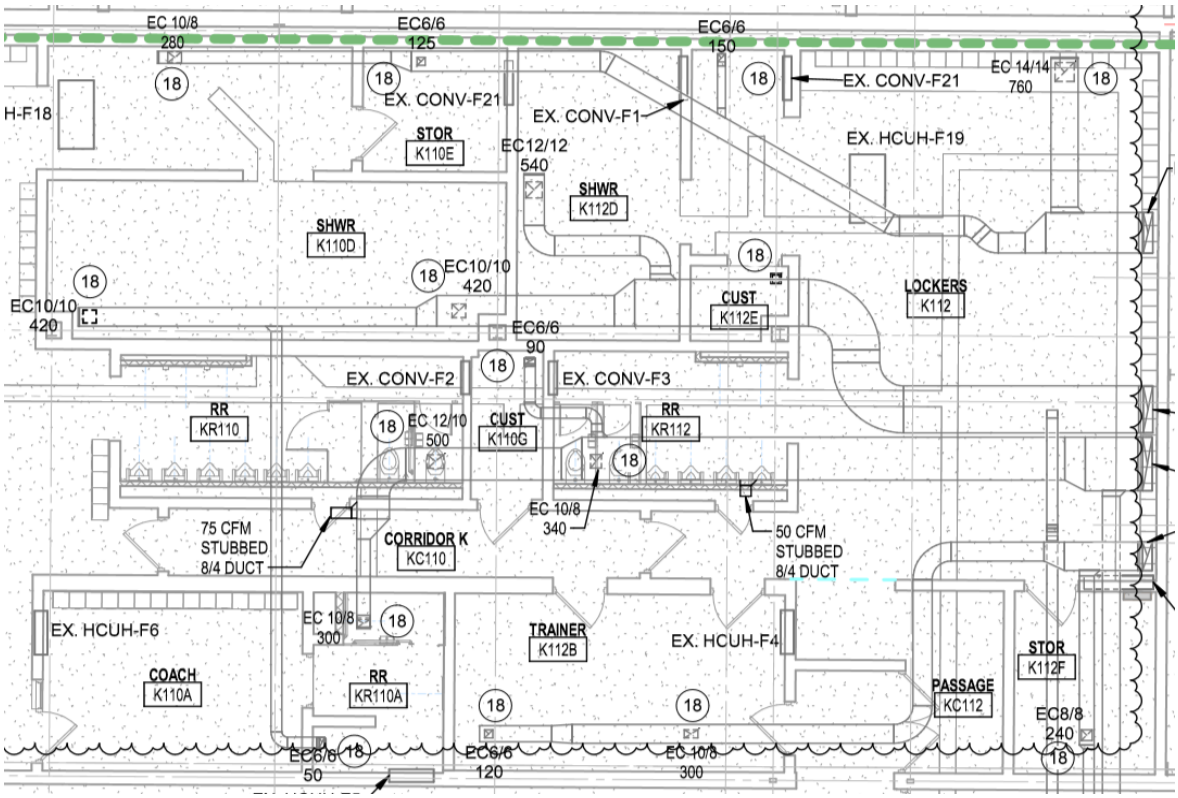
GG. **Drawing Number MH1H1**

1. MODIFY drawing to show existing duct to be reconnected to new diffusers as follows:



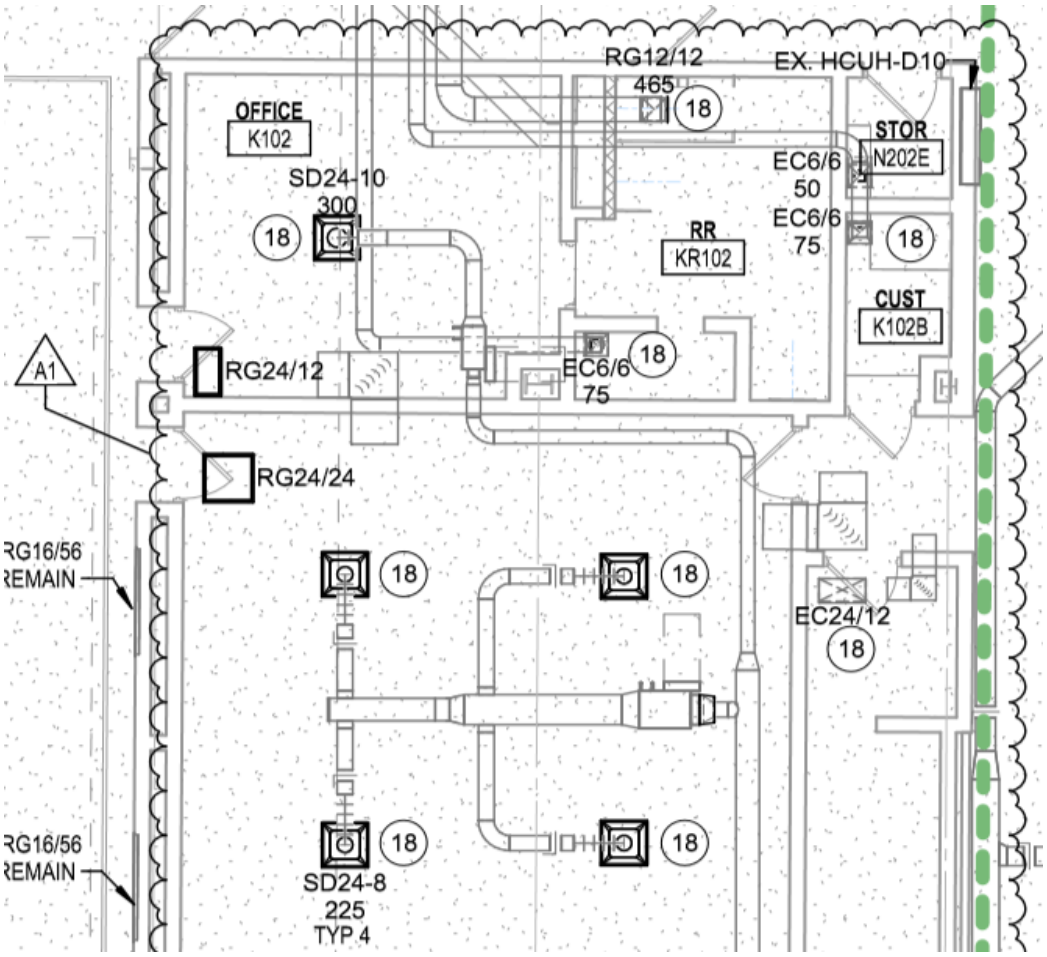
HH. **Drawing Number MH1H1**

1. MODIFY drawing to show existing duct to be reconnected to new diffusers as follows:



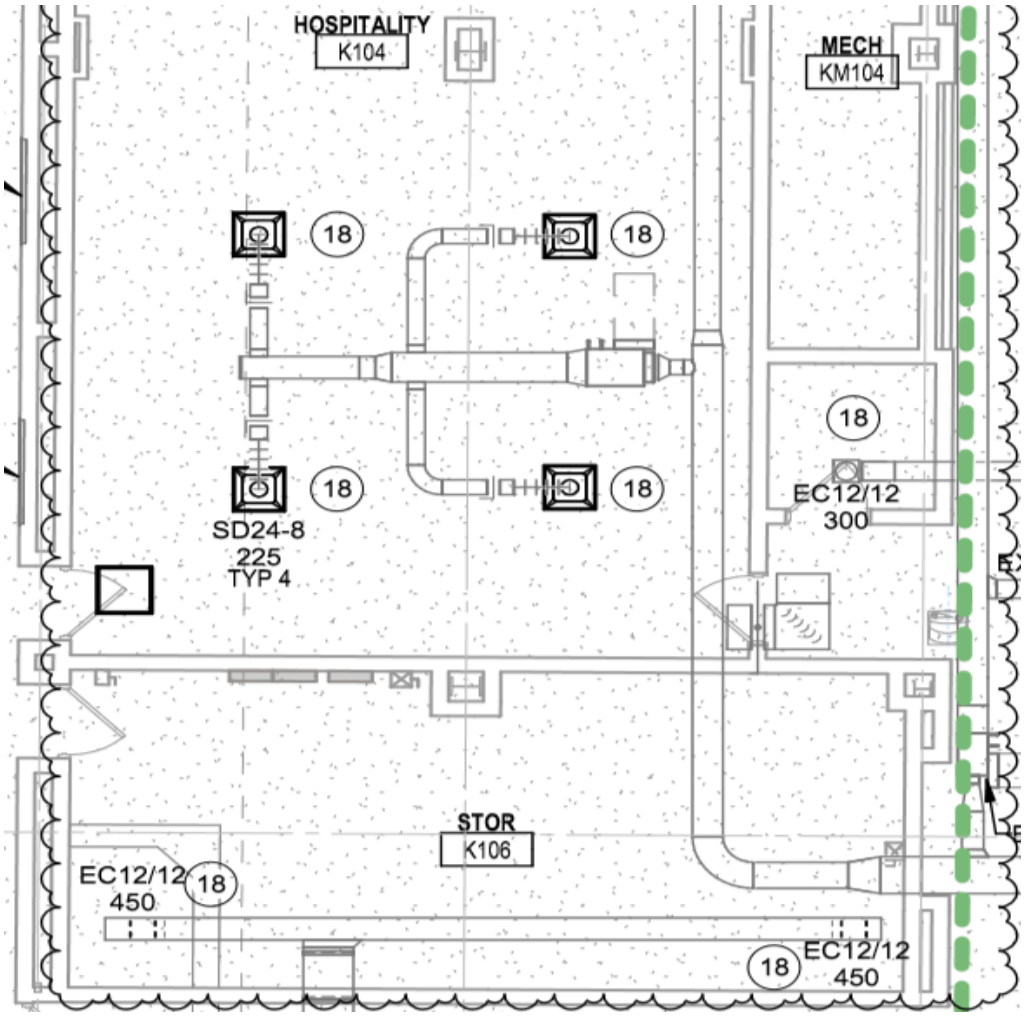
II. **Drawing Number MH1H1**

1. MODIFY drawing to show existing duct to be reconnected to new diffusers & new return air grilles as follows:



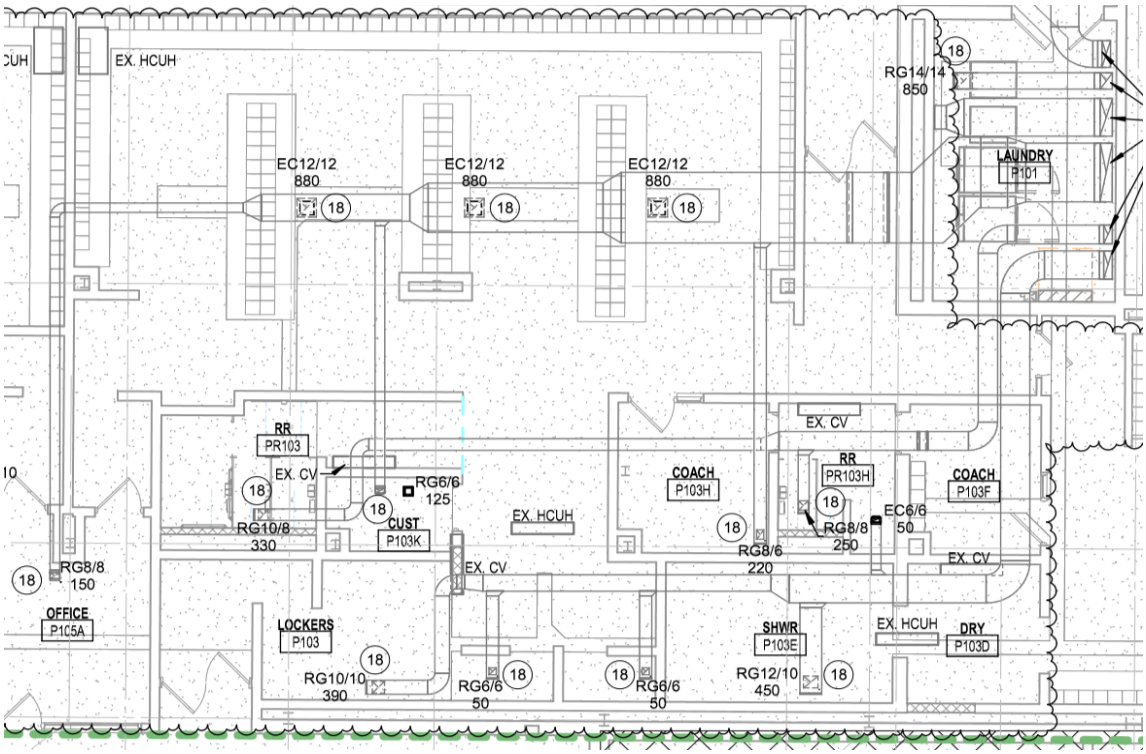
JJ. **Drawing Number MH1H1**

1. MODIFY drawing to show existing duct to be reconnected to new diffusers & new return air grilles as follows:



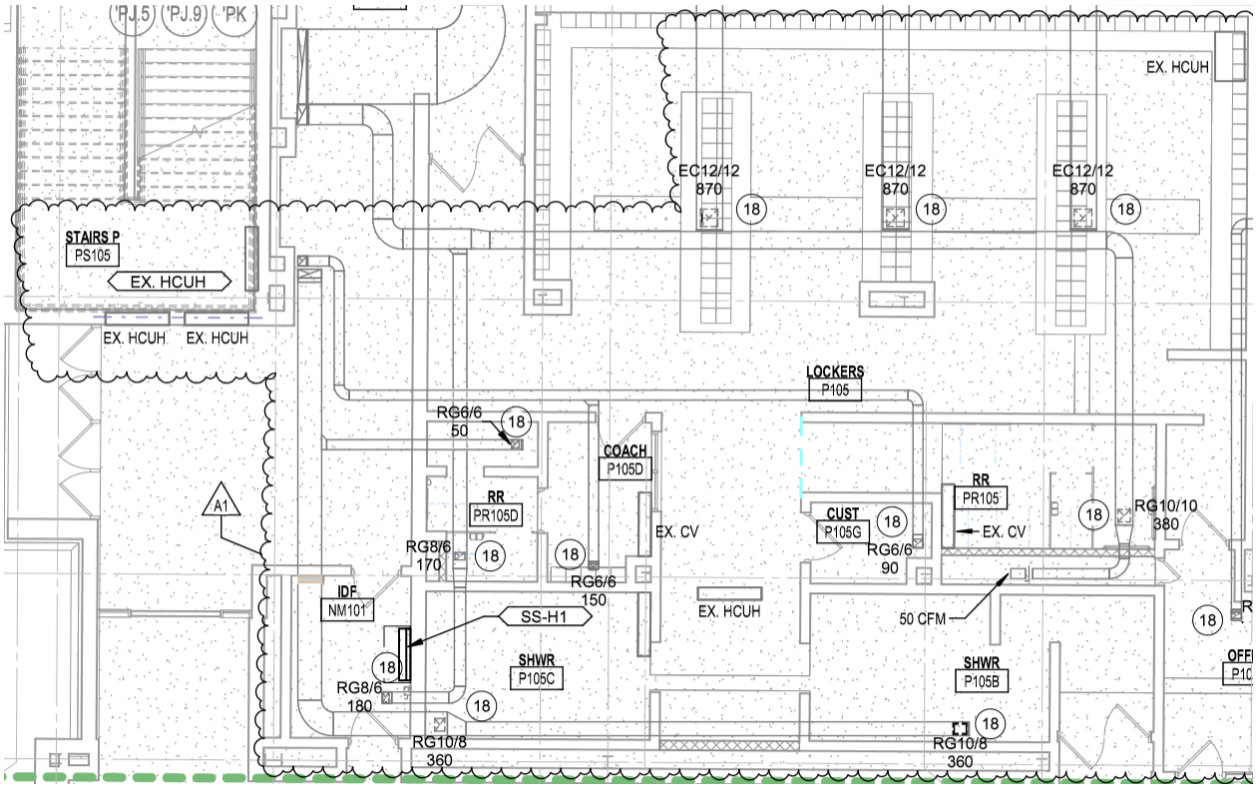
KK. **Drawing Number MH1H1**

1. MODIFY drawing to show existing ductwork to be reconnected to new diffusers & grilles as follows:



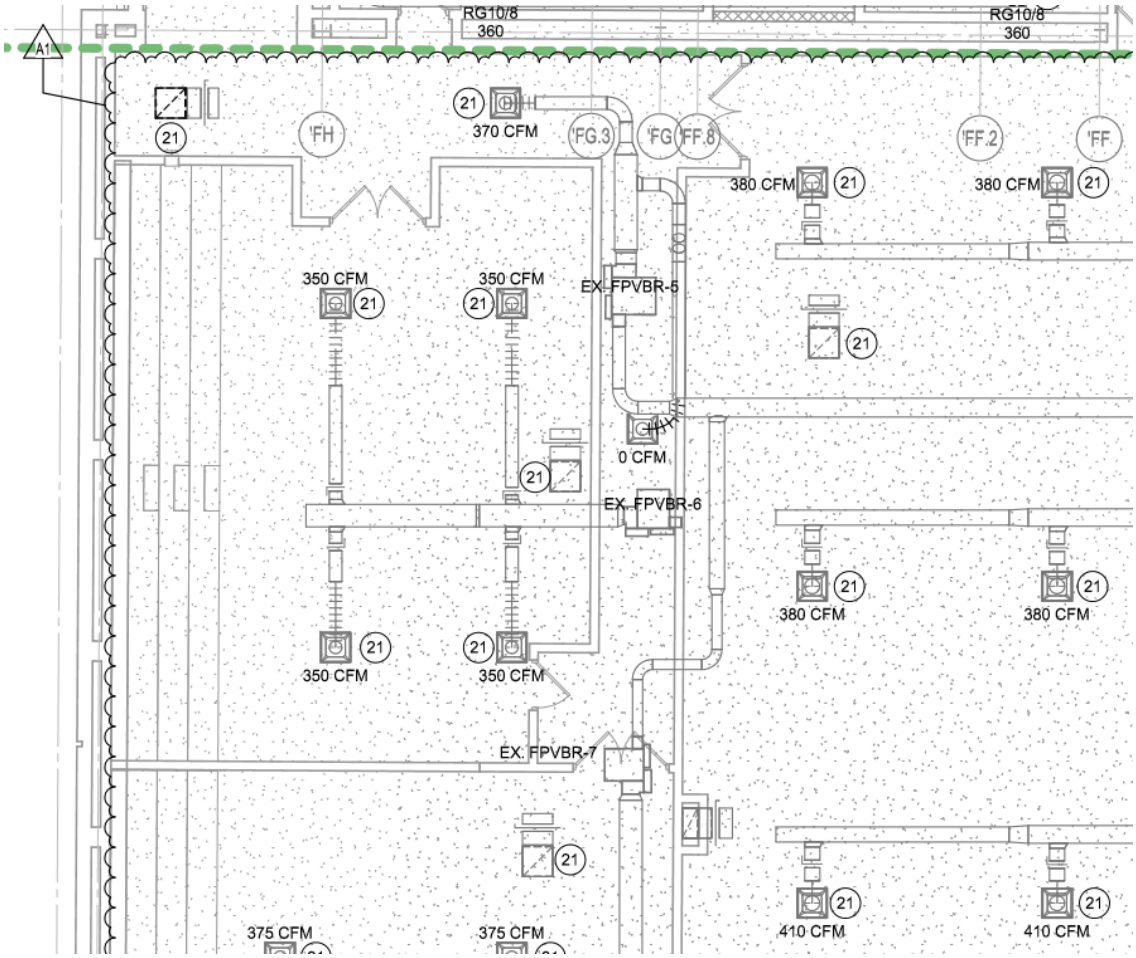
LL. **Drawing Number MH1H1**

1. MODIFY drawing to show existing ductwork to be reconnected to new diffusers & grilles as follows:



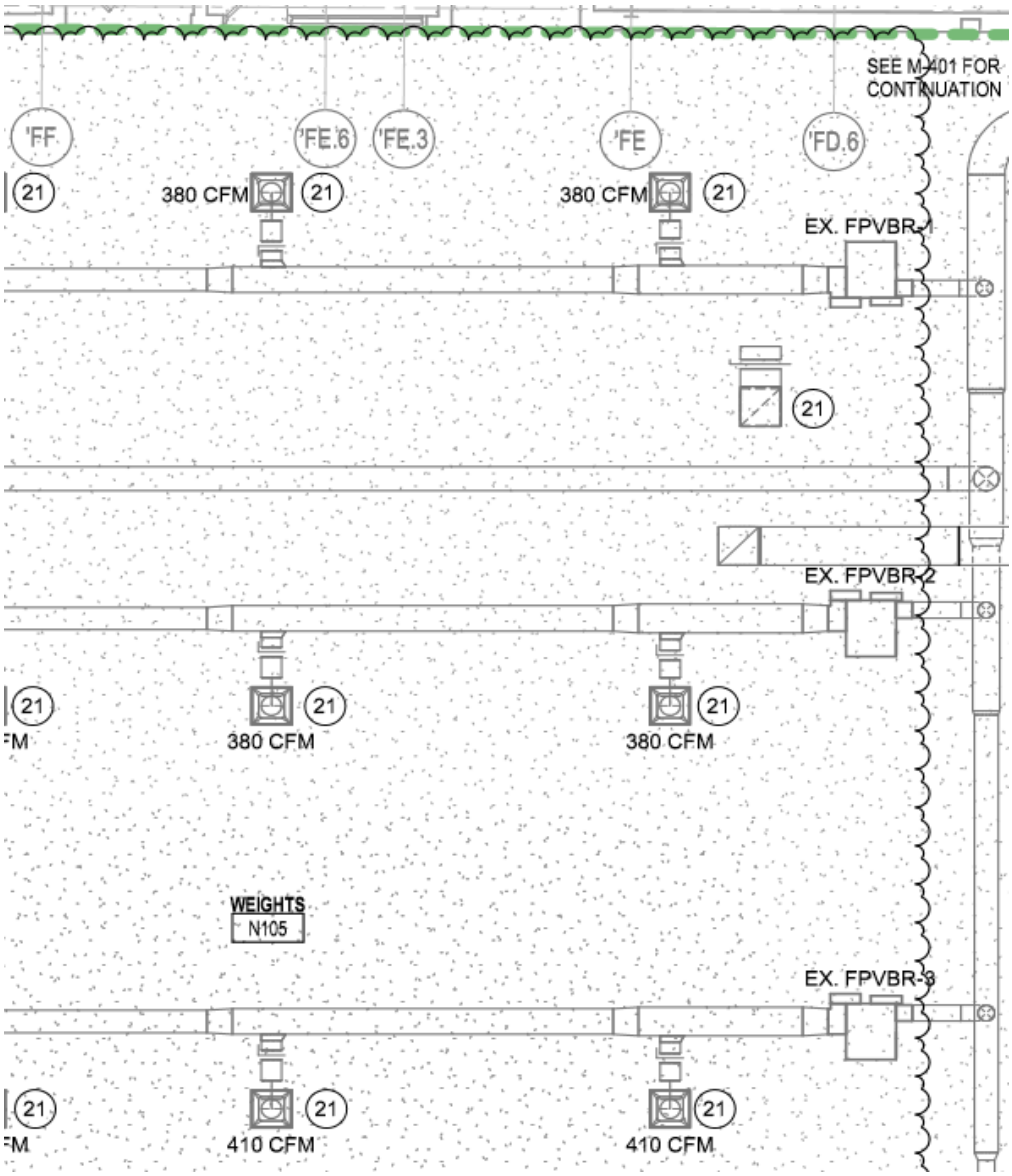
MM. **Drawing Number MH1J1**

1. MODIFY drawing to show existing diffusers & grilles to be cleaned and reinstalled in new ceiling grid as follows:



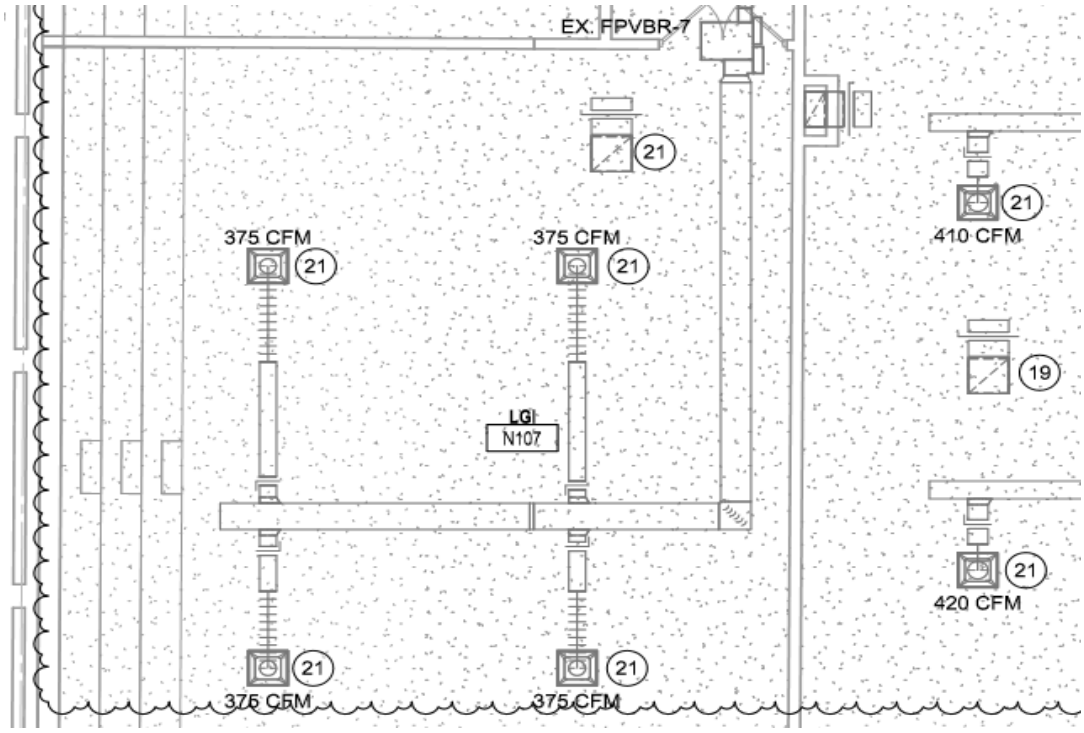
NN. **Drawing Number MH1J1**

1. MODIFY drawing to show existing diffusers & grilles to be cleaned and reinstalled in new ceiling grid as follows:



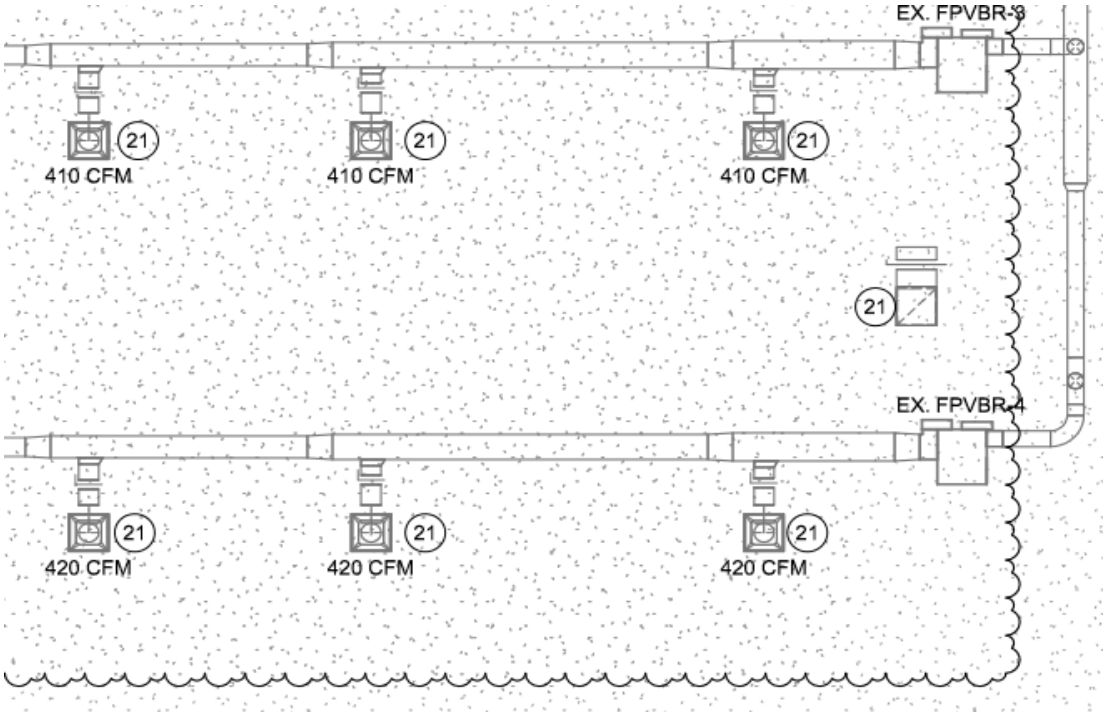
OO. **Drawing Number MH1J1**

1. MODIFY drawing to show existing diffusers & grilles to be cleaned and reinstalled in new ceiling grid as follows:



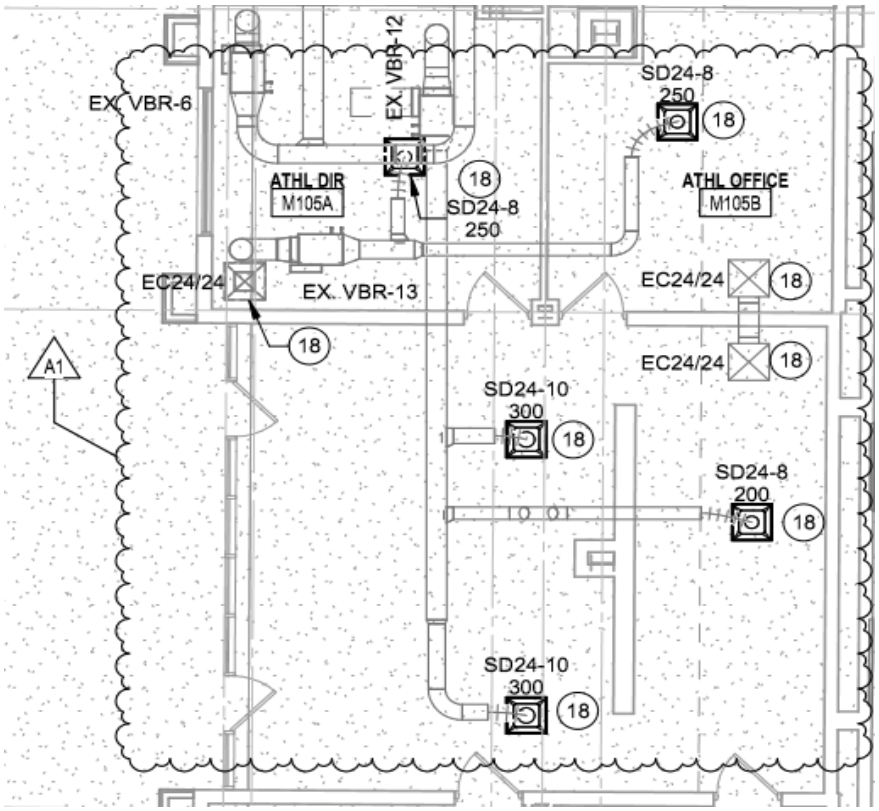
PP. **Drawing Number MH1J1**

1. MODIFY drawing to show existing diffusers & grilles to be cleaned and reinstalled in new ceiling grid as follows:



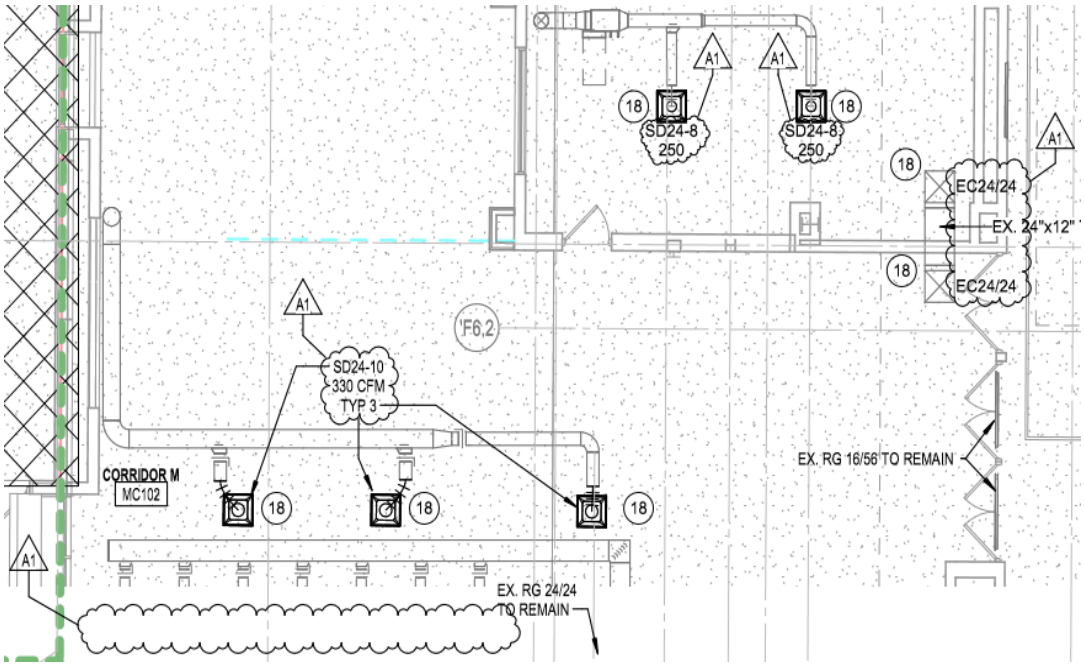
QQ. **Drawing Number MH1J1**

1. MODIFY drawing to show existing ductwork to be reconnected to new diffusers as follows:



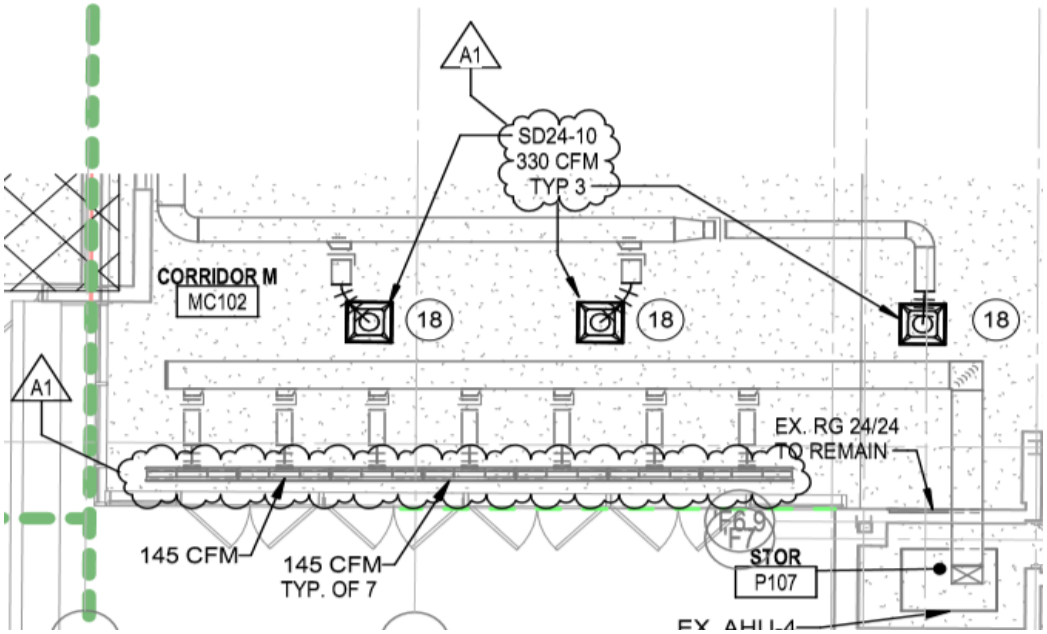
RR. **Drawing Number MH1J1**

1. MODIFY drawing to show existing ductwork to be reconnected to new diffusers as follows:



SS. **Drawing Number MH1J1**

1. MODIFY drawing to show existing ductwork to be reconnected to new diffusers and CFM adjustments as follows:

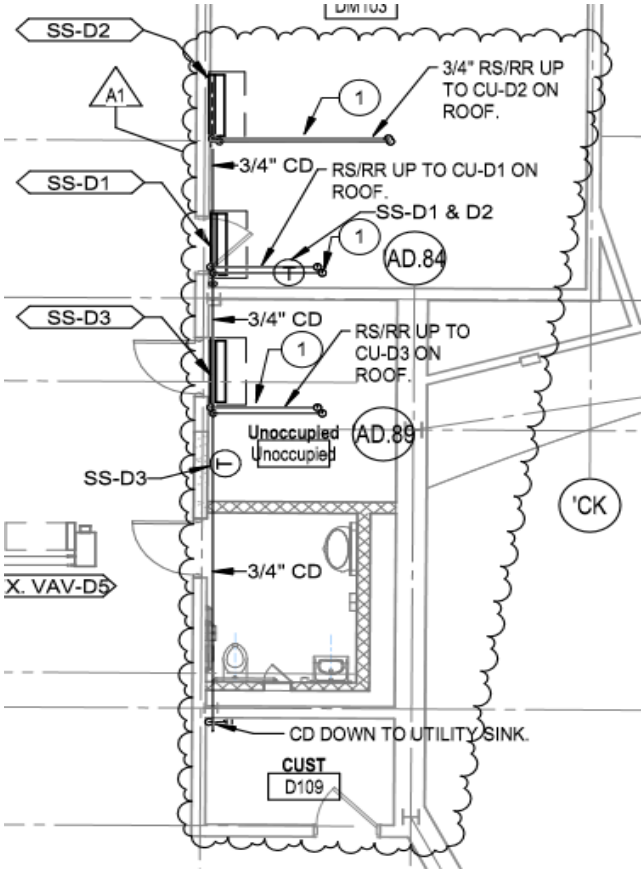


TT. **Drawing Number MP1AB**

1. MODIFY drawing to show CO2 sensor location as follows:

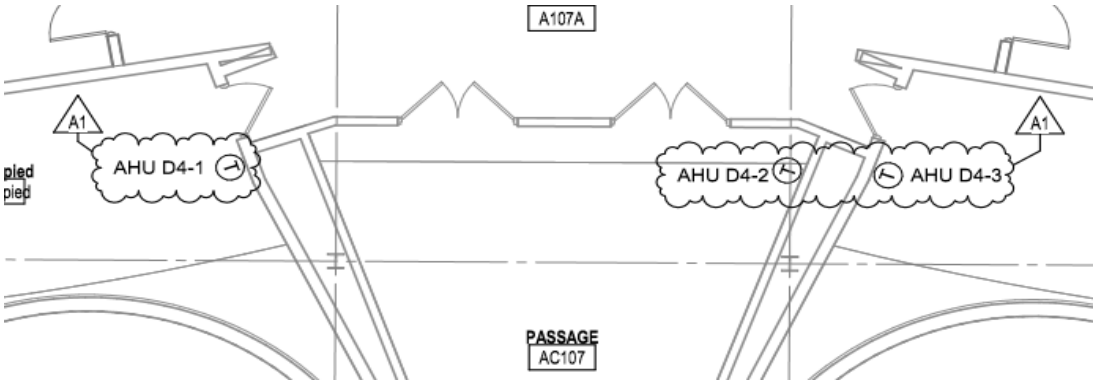
UU. **Drawing Number MP1D1**

1. MODIFY drawing to show condensate drain routing as follows:



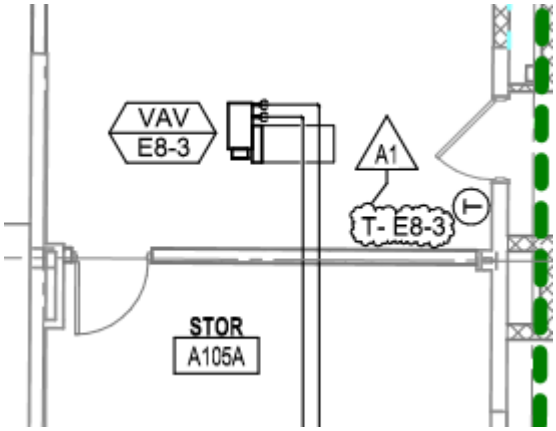
VV. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



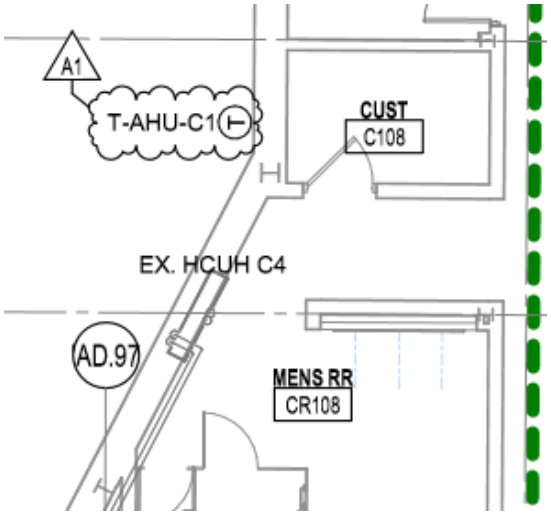
WW. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



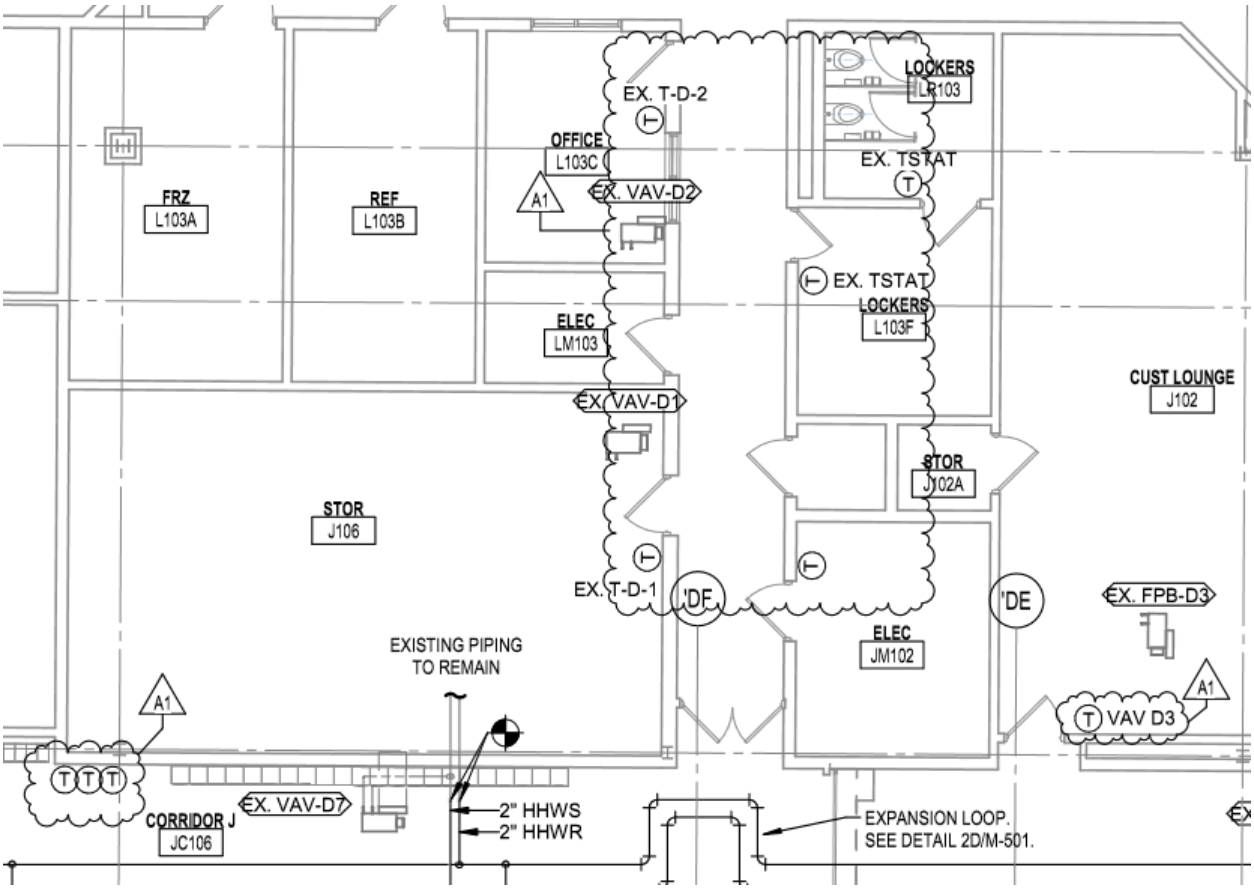
XX. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



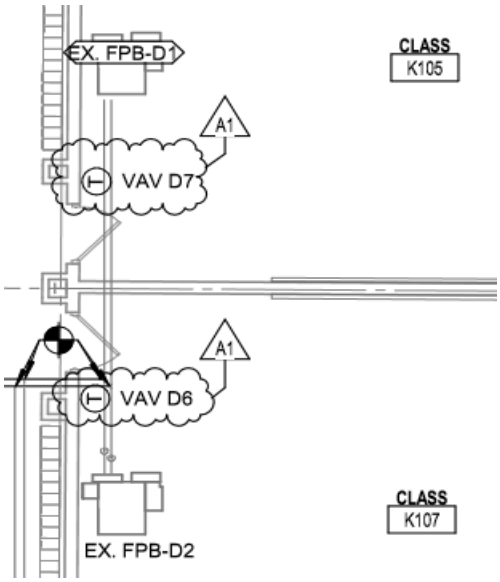
YY. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



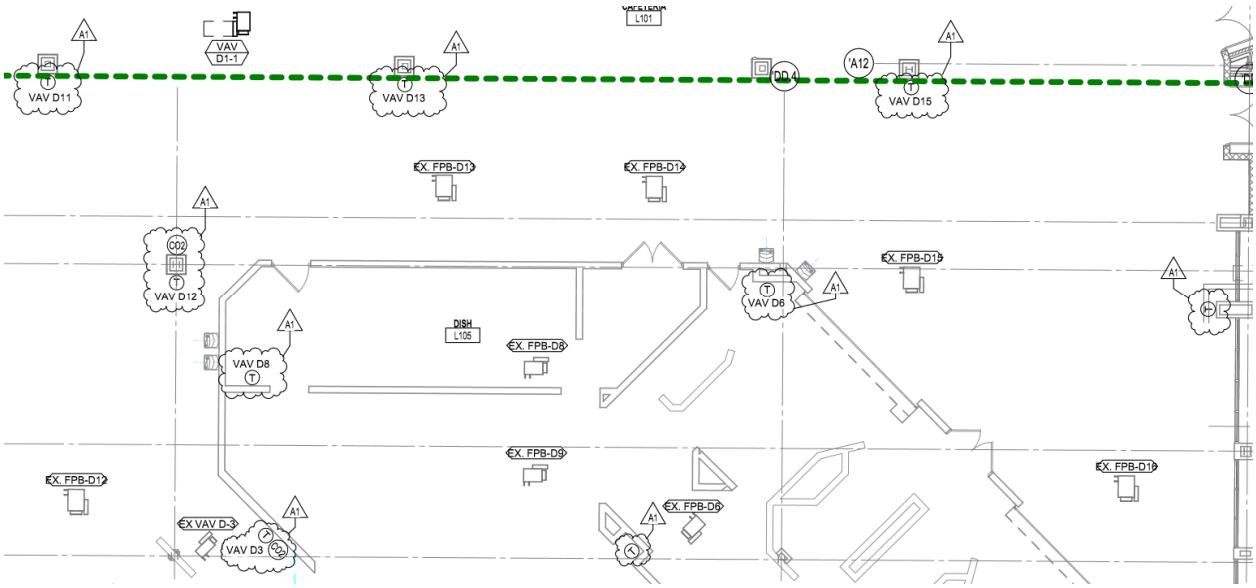
ZZ. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



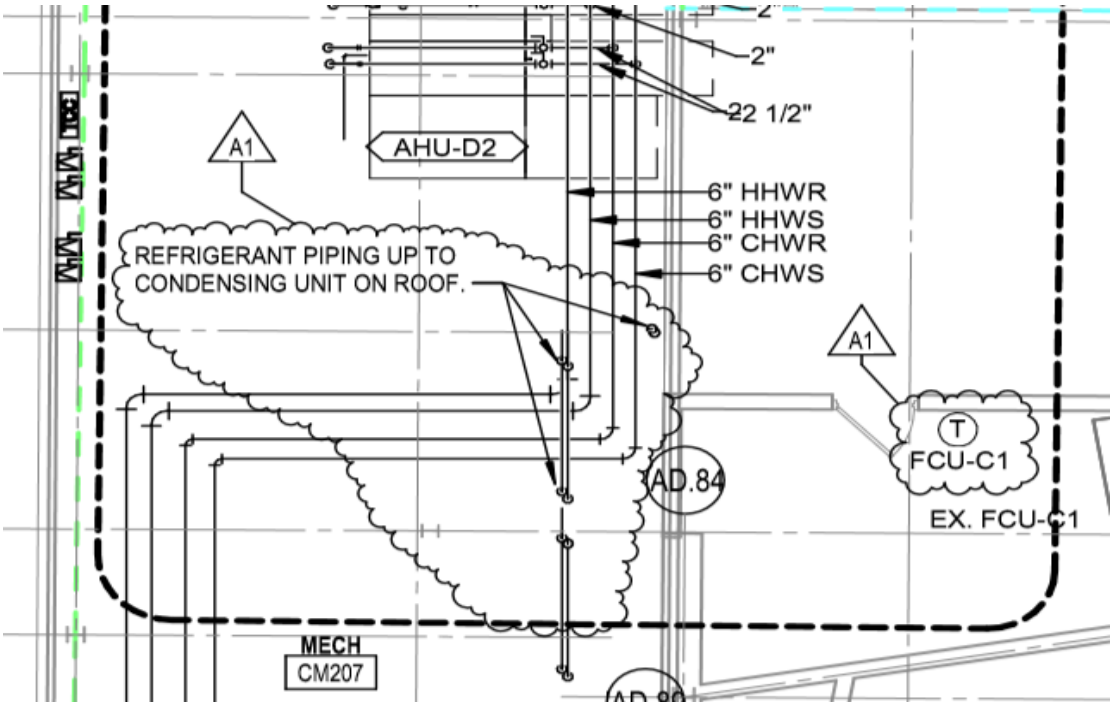
AAA. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats & CO2 sensor as follows:



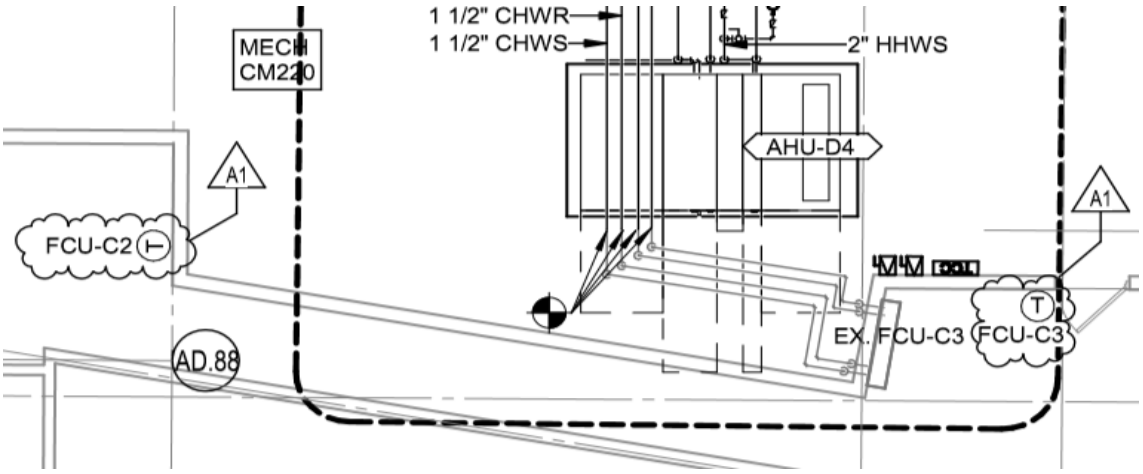
BBB. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats & routing of refrigerant piping as follows:



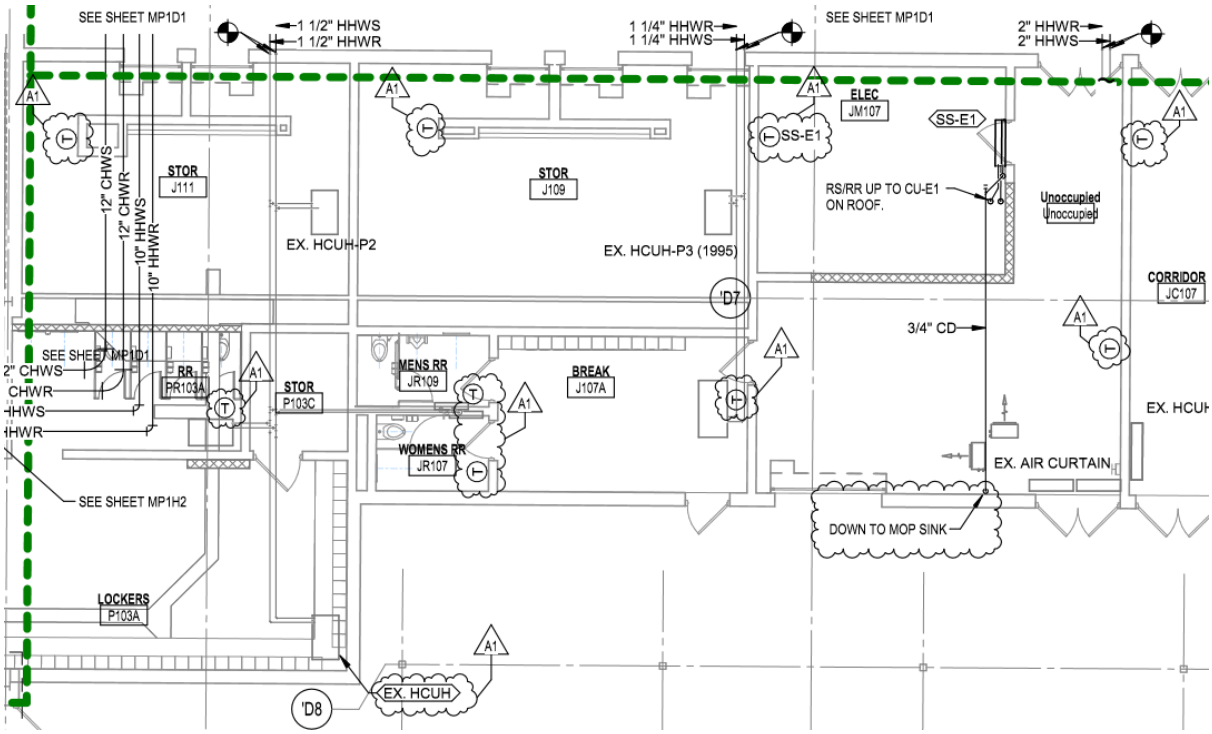
CCC. **Drawing Number MP1D1**

1. MODIFY drawing to show location of new thermostats as follows:



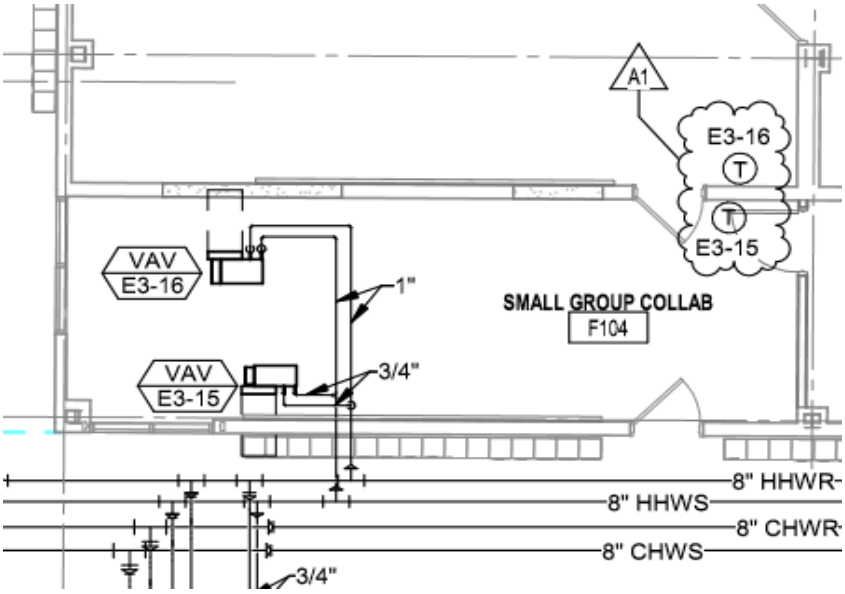
DDD. **Drawing Number MP1E1**

1. MODIFY drawing to show location of new thermostats as follows:



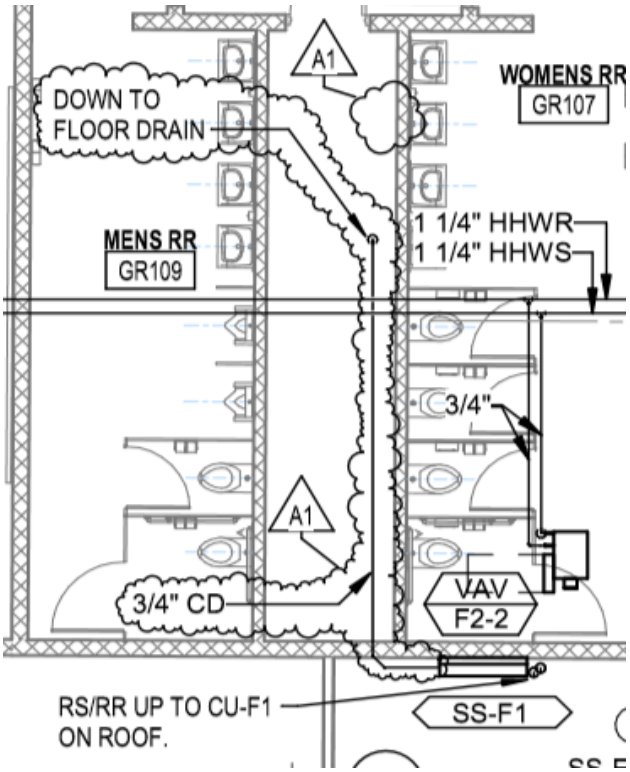
EEE. **Drawing Number MP1E1**

1. MODIFY drawing to show location of new thermostats as follows:



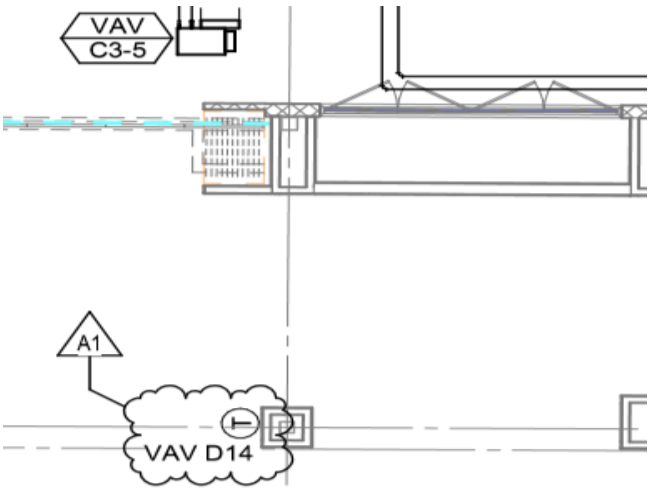
FFF. **Drawing Number MP1E2**

1. MODIFY drawing to show routing of new condensate drain as follows:



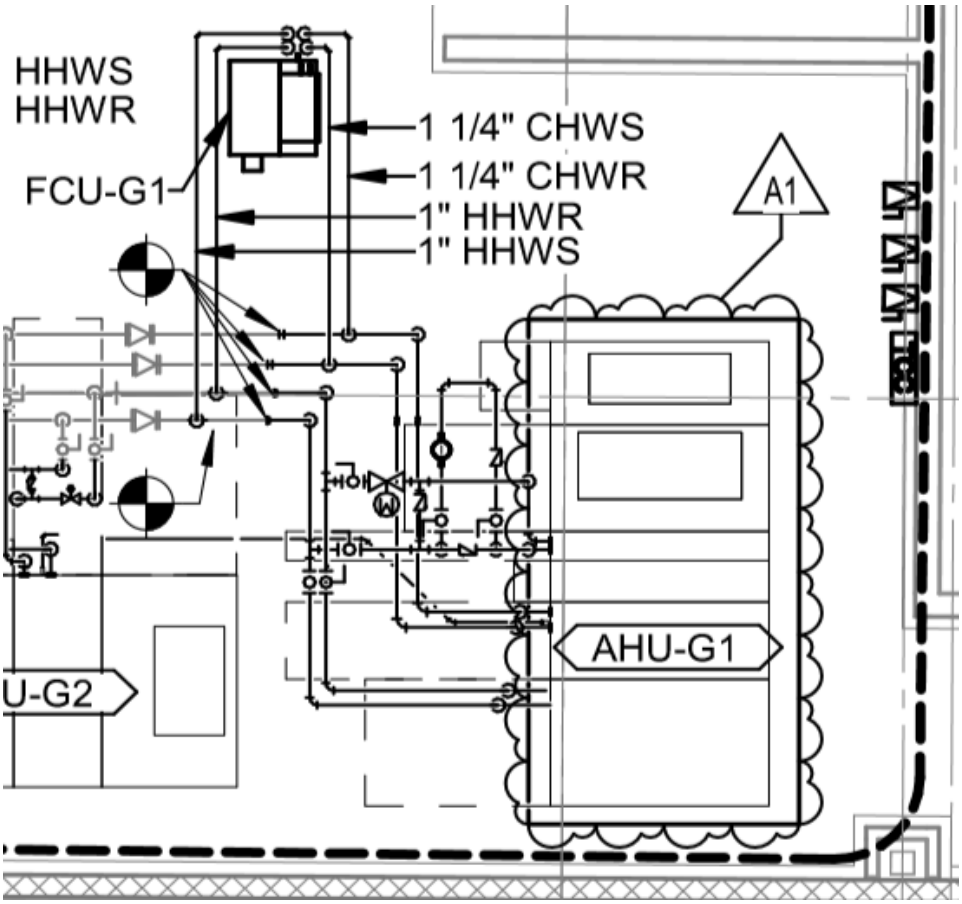
GGG. **Drawing Number MP1G1**

1. MODIFY drawing to show location of new thermostat as follows:



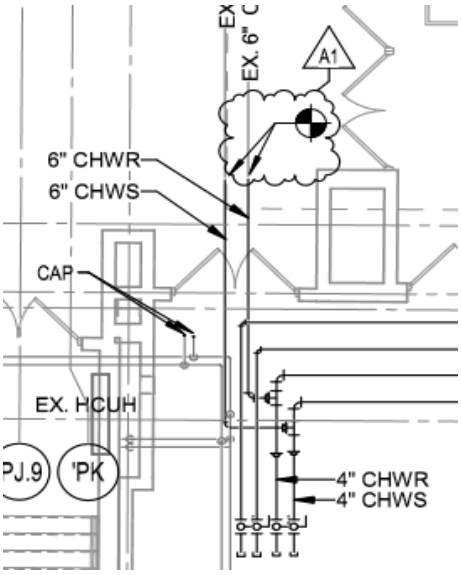
HHH. **Drawing Number MP1G2**

1. MODIFY drawing to show pipe routing as follows:



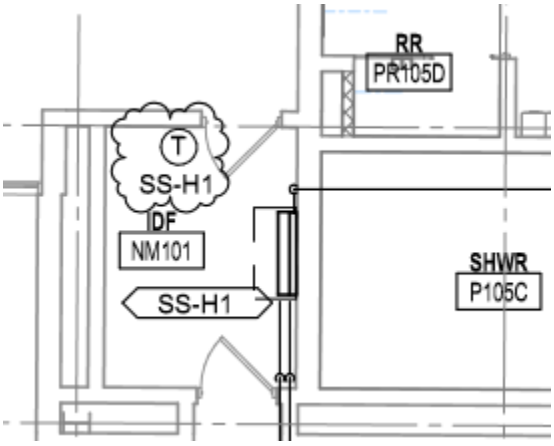
III. **Drawing Number MP1H1**

1. MODIFY drawing to show connection of new pipe to existing as follows:



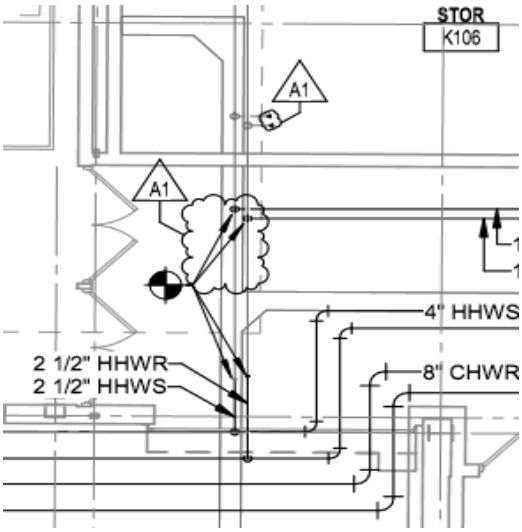
JJJ. **Drawing Number MP1H1**

1. MODIFY drawing to show location of new thermostat as follows:



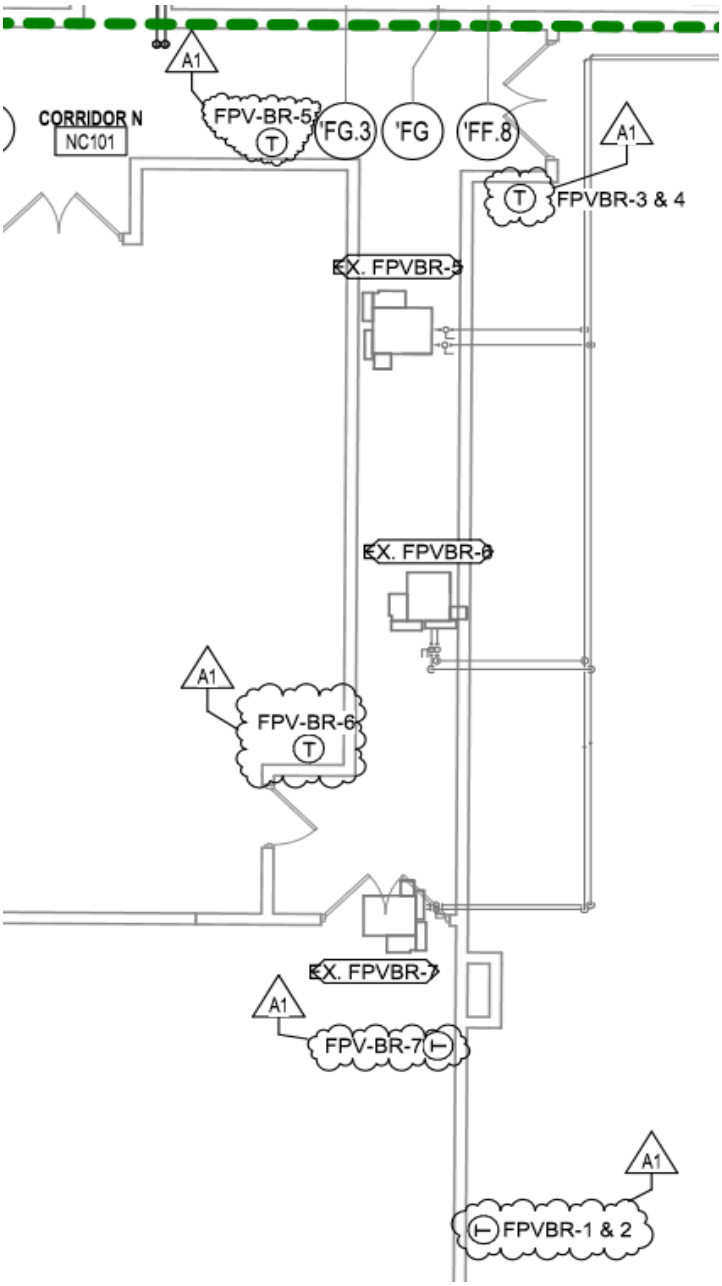
KKK. **Drawing Number MP1H1**

1. MODIFY drawing to show connection of new pipe to existing as follows:



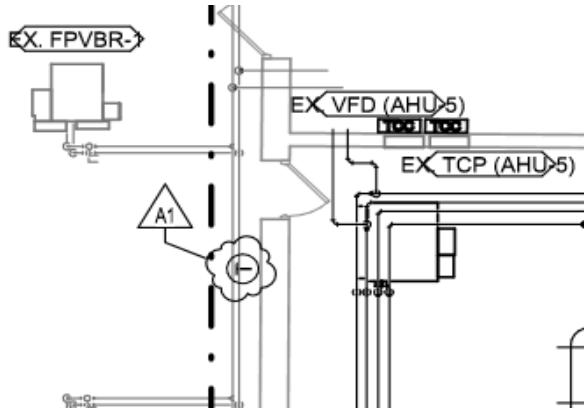
LLL. **Drawing Number MP1J1**

1. MODIFY drawing to show location of new thermostat as follows:



MMM.**Drawing Number MP1J1**

1. MODIFY drawing to show location of new thermostat as follows:

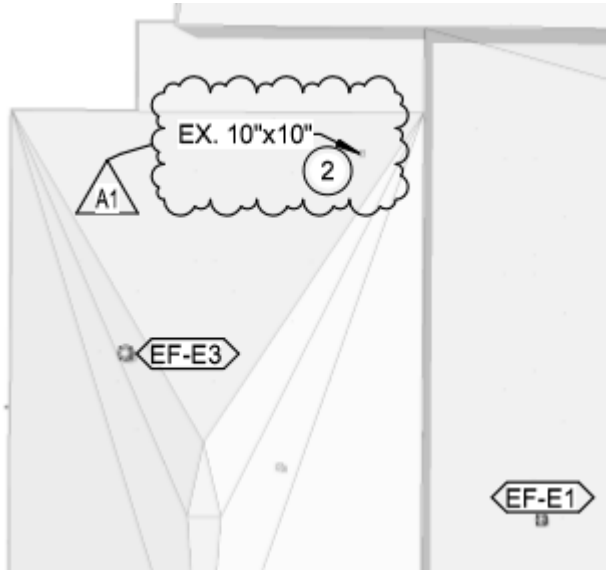


NNN. **ALL MP DRAWINGS**

1. Contractor to provide CO2 sensors for all large space gathering area's including Cafeteria, Senior Dining, Classrooms, Auditorium, Media Center, Gymnasiums, Field House, Wrestling Room and Large Music Area's. CO2 sensors to be mounted next to thermostat as required.

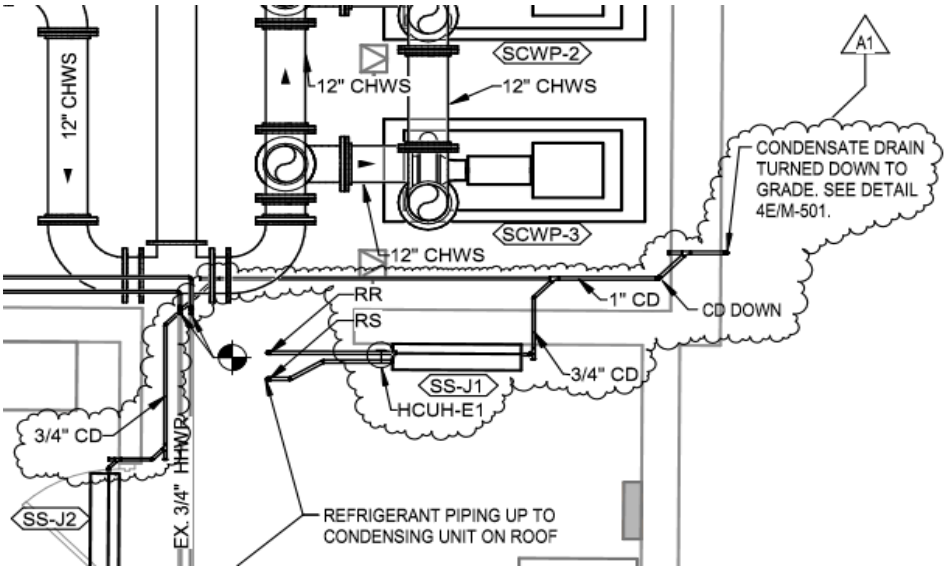
OOO. **Drawing Number MR102**

1. MODIFY drawing to show capping of existing roof curb as follows:



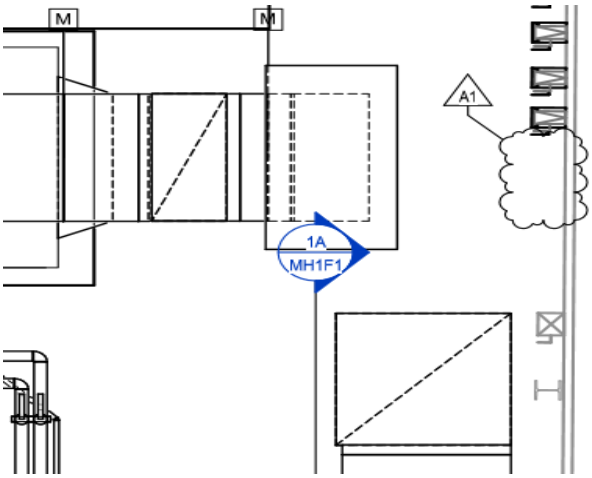
PPP. **Drawing Number M-401**

1. MODIFY drawing to show routing of new condensate piping as follows:



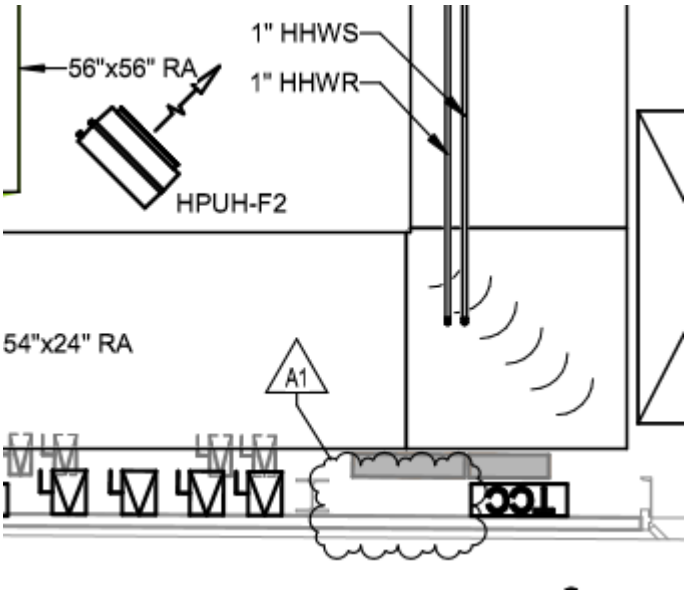
QQQ. **Drawing Number M-402**

1. MODIFY drawing to show deletion of VFD's as follows:



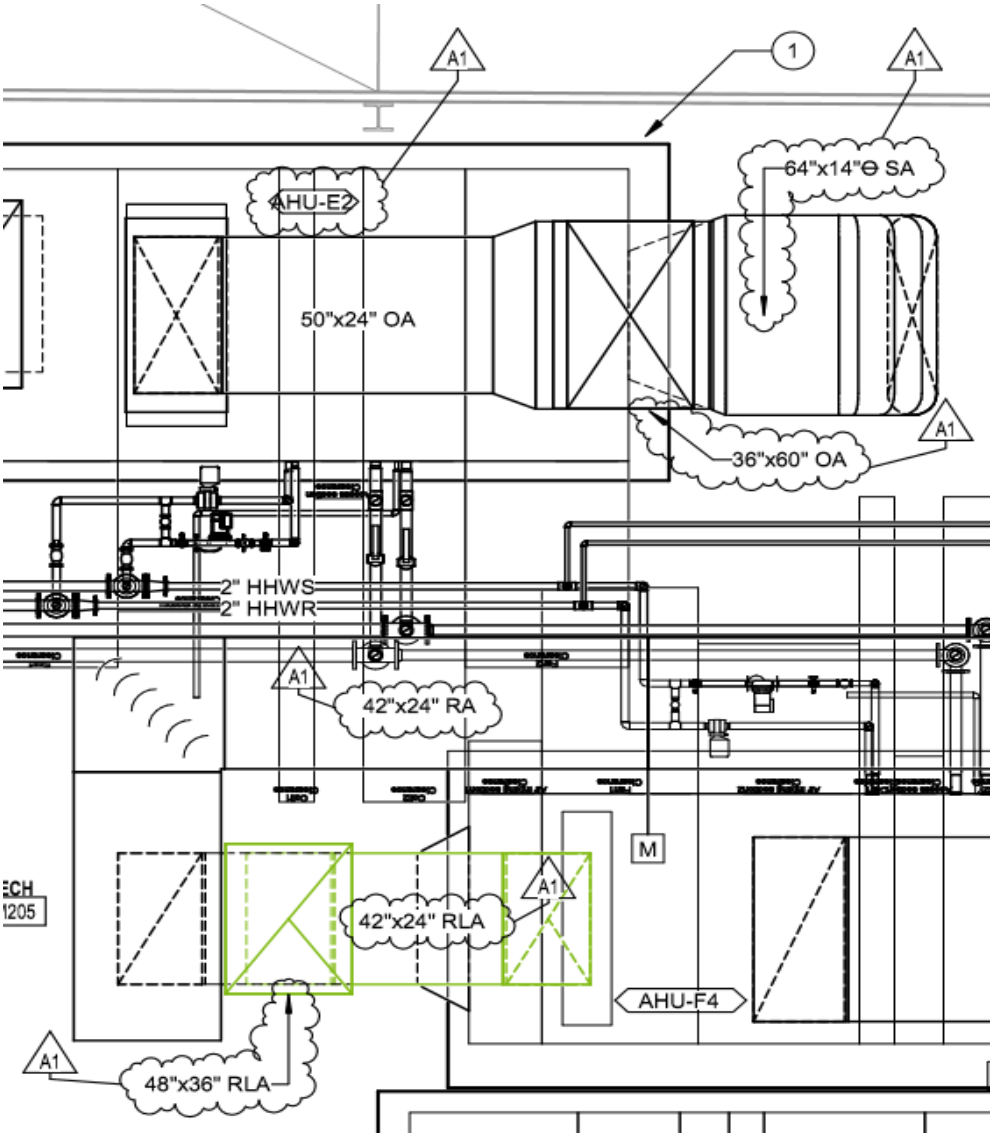
RRR. **Drawing Number M-402**

1. MODIFY drawing to show deletion of VFD's as follows:



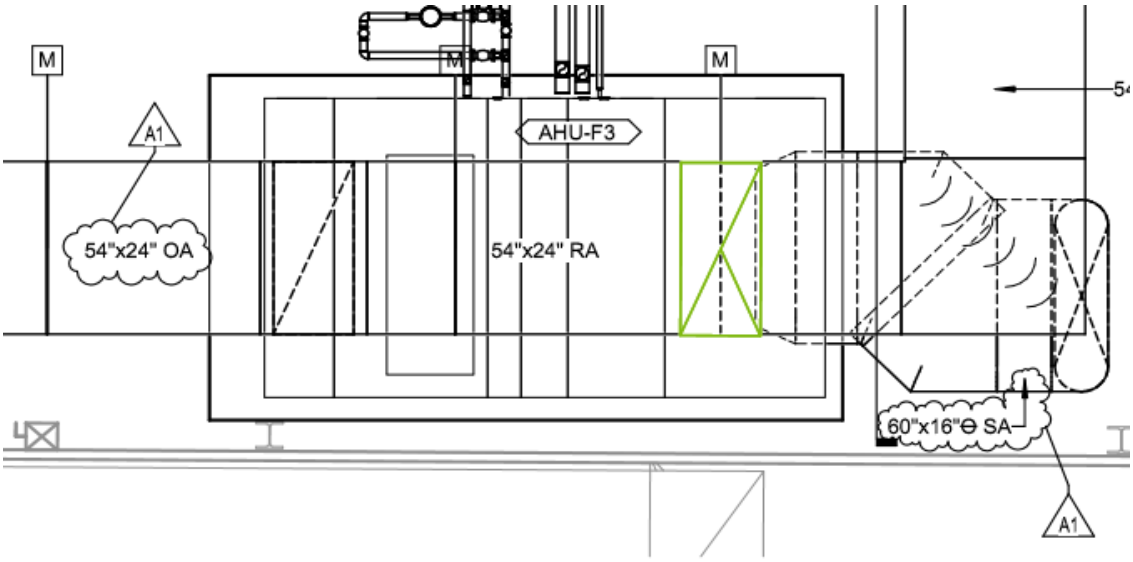
SSS. **Drawing Number M-402**

1. MODIFY drawing to show duct routing & sizes as follows:



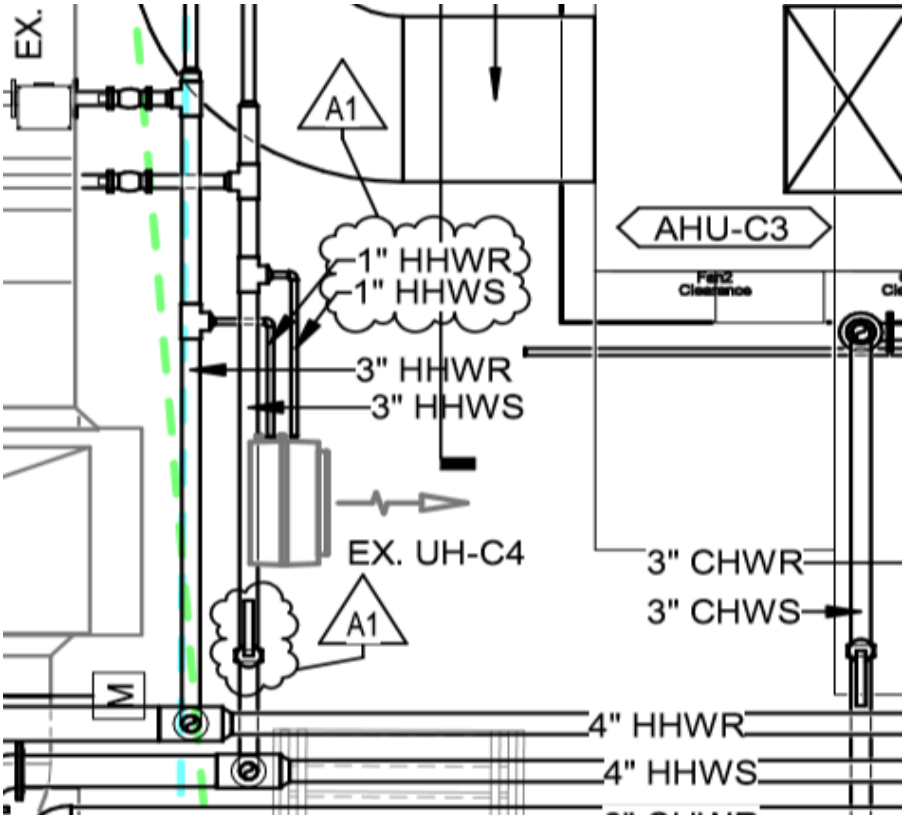
TTT. **Drawing Number M-402**

1. MODIFY drawing to show piping size and modifications as follows:



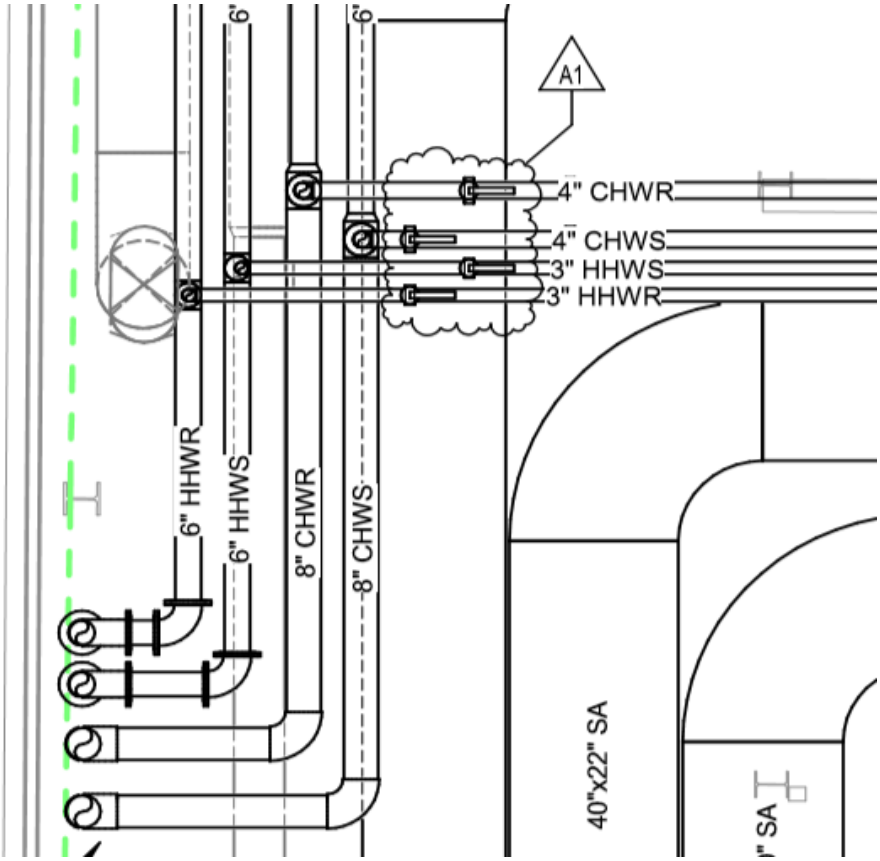
UUU. **Drawing Number M-404**

1. MODIFY drawing to show duct routing & size as follows:



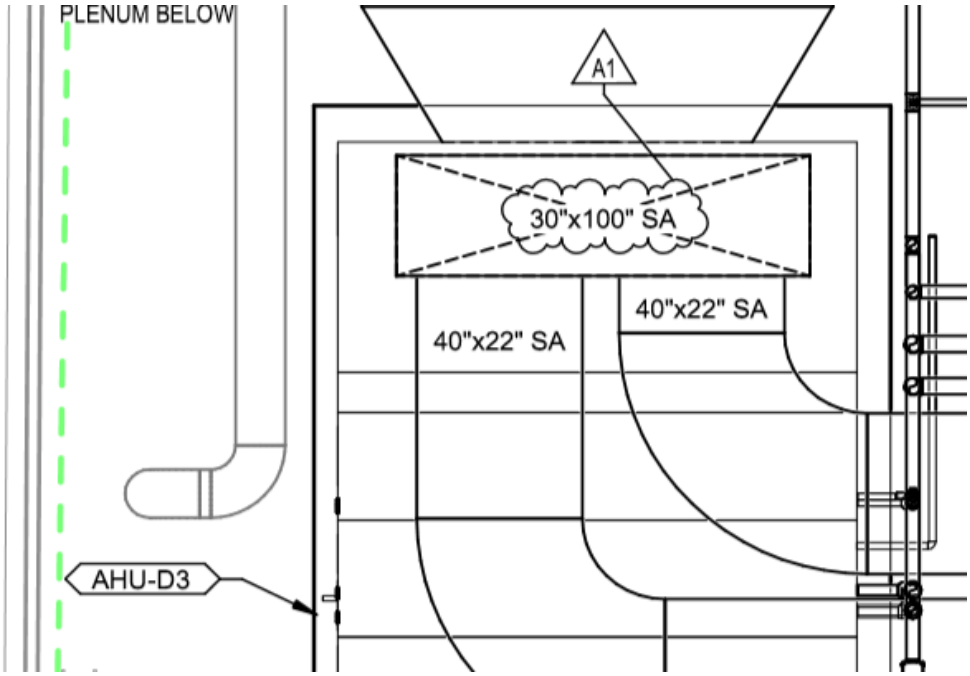
VVV. **Drawing Number M-404**

1. MODIFY drawing to show shut off valve location as follows:



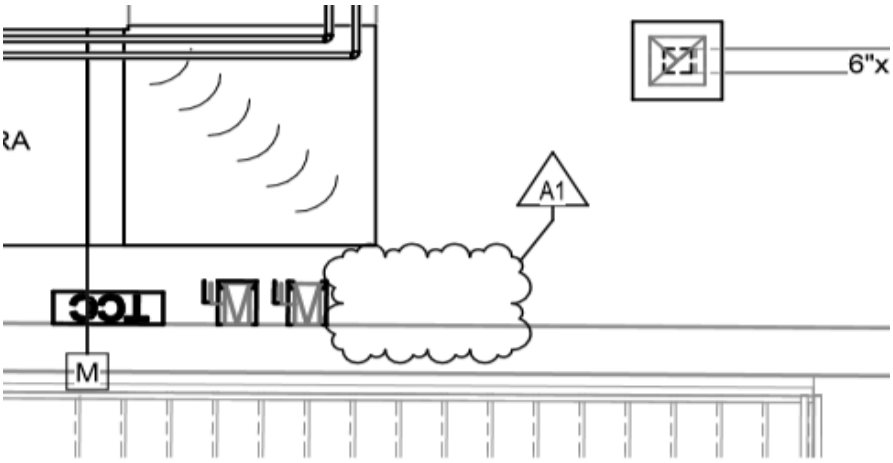
WWW. **Drawing Number M-404**

1. MODIFY drawing to show duct size as follows:



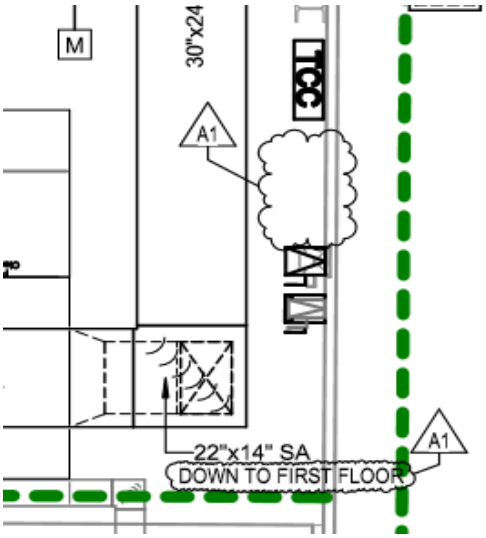
XXX. **Drawing Number M-404**

1. MODIFY drawing to show deletion of VFD as follows:



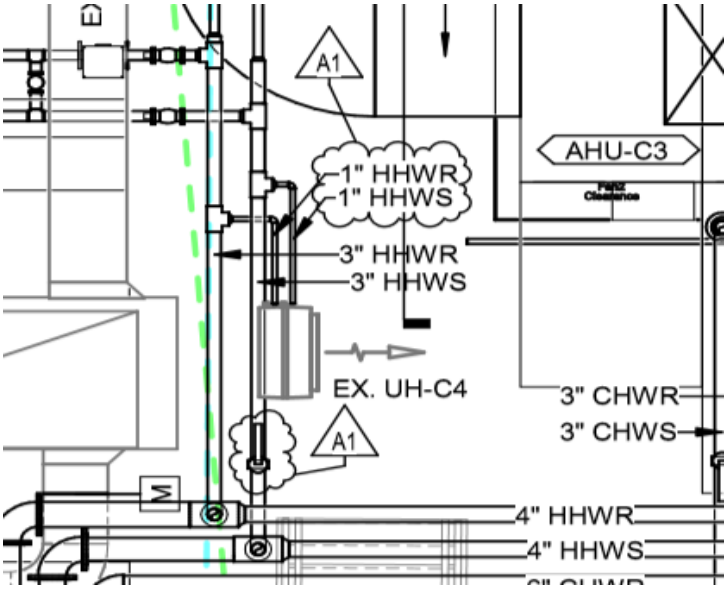
YYY. **Drawing Number M-404**

1. MODIFY drawing to show deletion of VFD as follows:



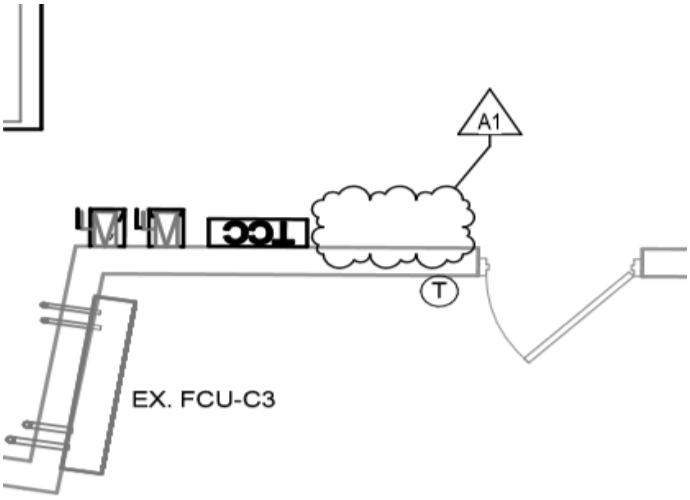
ZZZ. **Drawing Number M-407**

1. MODIFY drawing to show pipe size and modification as follows:



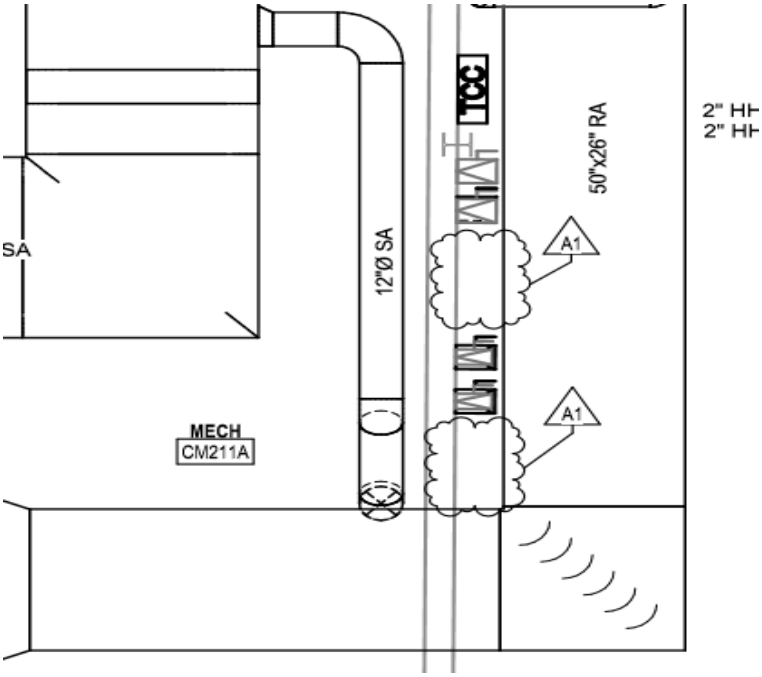
AAAA. **Drawing Number M-407**

1. MODIFY drawing to show deletion of VFD as follows:



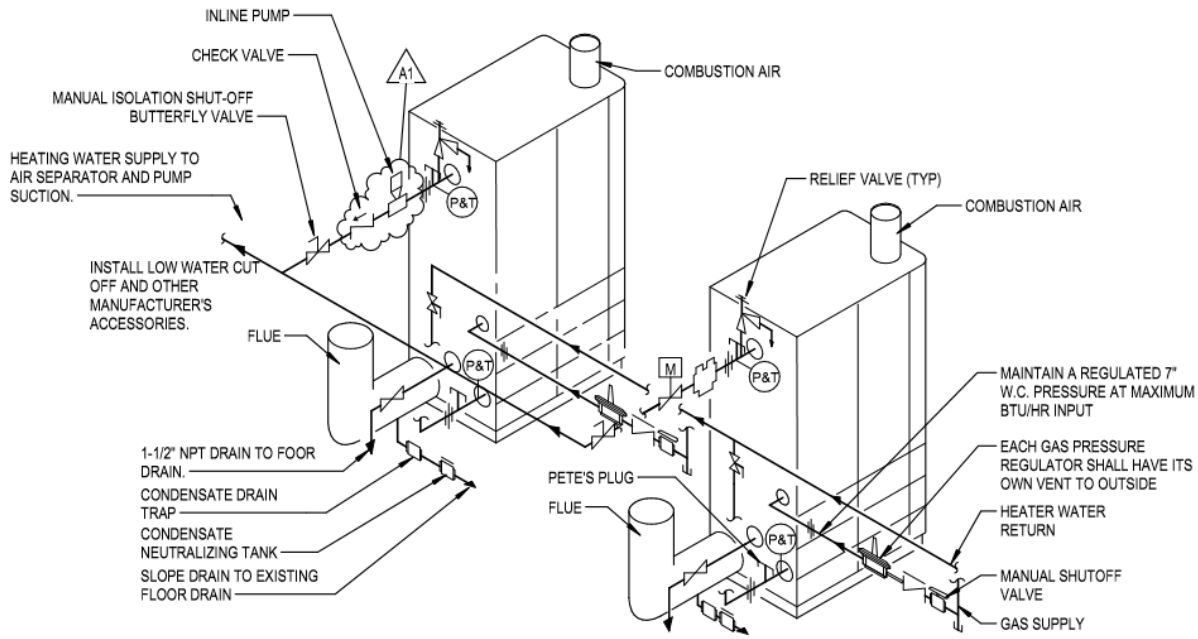
BBBB. **Drawing Number M-408**

1. MODIFY drawing to show deletion of VFD as follows:



CCCC. **Drawing Number M-501**

1. MODIFY detail to addition of boiler circulation pump as follows. Typical of all new & existing boilers:



5C NEW AND EXISTING BOILER PIPING DETAIL TYPICAL OF 7 BOILERS
NOT TO SCALE

DDDD. **Drawing Number M-602**

1. MODIFY Exhaust Fan Schedule as follows:

	IDENTITY DATA		
MARK	**MANUFACTURER**	**MODEL**	**SERVES**
DB-1	TJERNLUND	LB2	DRYER BOOSTER
EF-C1	LOREN COOK	70C15DH	CONFERENCE RESTROOM
EF-D1	LOREN COOK	150C10D	RESTROOMS
EF-D2	LOREN COOK	90C15DH	LT CAFE
EF-D3	LOREN COOK	90C15DH	MISC.
EF-E1	LOREN COOK	90C15DH	RESTROOMS
EF-E2	LOREN COOK	120C13D	RESTROOMS A1
EF-E3	LOREN COOK	120C13D	APPLIED SKILLS STUDIO
EF-F1	LOREN COOK	135C10D	ART STUDIO
EF-F2	LOREN COOK	120C13D	KILN STORAGE

A1

EEEE. **Drawing Number M-602**

1. MODIFY Expansion Tank Schedule as follows:

EXPANSION TANK SCHEDULE

IDENTITY DATA					ACCEPTANCE VOLUME (GAL)	OPERATING TEMPERATURE		MAXIMUM OPERATING PRESSURE		NOTES
MARK	MANUFACTURER	MODEL	WEIGHT	SYSTEM SERVED		MIN (F)	MAX (F)	VALVE (PSI)	TANK (PSI)	
ET-CHW-1	GRUNDFOS	GNLA	1,000	CHILLED WATER	370	45	80	30	150	1-4
ET-CHW-2	GRUNDFOS	GNLA	1,000	CHILLED WATER	370	45	80	30	150	1-4
ET-CHW-3	GRUNDFOS	GNLA	1,000	CHILLED WATER	370	45	80	30	150	1-4
ET-CHW-4	GRUNDFOS	GNLA	1,000	CHILLED WATER	370	45	80	30	150	1-4
ET-HHW-5	GRUNDFOS	GNLA	1,445	HEATING WATER	660	70	180	30	150	1-4
ET-HHW-6	GRUNDFOS	GNLA	1,445	HEATING WATER	660	70	180	30	150	1-4
ET-HHW-7	GRUNDFOS	GNLA	1,445	HEATING WATER	660	70	180	30	150	1-4

FFFF. **Drawing Number M-603**

1. MODIFY VAV Box with Hot Water Reheat Schedule as follows:

C2-7: Max Cooling 3,480 CFM

E1-6: Max Cooling 500 CFM

E2-8: Max Cooling 950 CFM

E3-11: Max Cooling 1,905 CFM

E3-12: Max Cooling 1,400 CFM

E3-13: Max Cooling 1,340 CFM

E3-15: Max Cooling 800 CFM

E8-4: Max Cooling 670 CFM

E8-5: Max Cooling 1,120 CFM

F1-5: Max Cooling 300 CFM

F1-7: Max Cooling 450 CFM

F1-8: Max Cooling 1,000 CFM

F1-9: Max Cooling 1,125 CFM

F1-10: Max Cooling 650 CFM

F1-11: Max Cooling 800 CFM

F1-13: Max Cooling 600 CFM

F2-4: Max Cooling 1,650 CFM

F3-5: Max Cooling 1,300 CFM

F3-6: Max Cooling 375 CFM

F3-7: Max Cooling 1,750 CFM

F3-9: Max Cooling 1,300 CFM

VAV	F4-8	PRICE	SDV5	14"	1,700
VAV	F4-9	PRICE	SDV5	12"	1,020
VAV	G2-1	PRICE	SDV5	12"	1,140
VAV	G2-2	PRICE	SDV5	6"	480
VAV	G2-3	PRICE	SDV5	12"	1,140
VAV	G2-4	PRICE	SDV5	12"	1,140

A1

GGGG. **Drawing Number M-604**

1. MODIFY Diffusers, Registers, and Grilles Schedule as follows:

HDRG20/36	HEAVY DUTY GYM GRILLES	PRICE	98
HDRG36/48	HEAVY DUTY GYM GRILLES	PRICE	A1 6145H-HD
LBG48/6	LOUVER FACE GRILLE SUPPLY	PRICE	LBP
LS48-6-2S	LINEAR SLOT DIFFUSER	PRICE	SB-2 SLOT
LS48-7-2S	LINEAR SLOT DIFFUSER	PRICE	SB75-2 SLOT
LS48-10-3S	LINEAR SLOT DIFFUSER	PRICE	SB-3 Slot
LS48-12-3S	LINEAR SLOT DIFFUSER	PRICE	SB-3 Slot

SD24-12 (R)	SQUARE CONE DIFFUSER	PRICE	SCDA	12"	24"	24"	S
SDG10	SPRIAL DUCT GRILLE	PRICE	SDGE		8"	24"	
SDG12	SPRIAL DUCT GRILLE	PRICE	SDGE		8"	24"	
SDG14	SPRIAL DUCT GRILLE	PRICE	SDGE		8"	24"	

A1

HHHH. **Drawing Number M-701**

1. MODIFY 1A VAV BOX WITH REHAT1 Detail as follows:

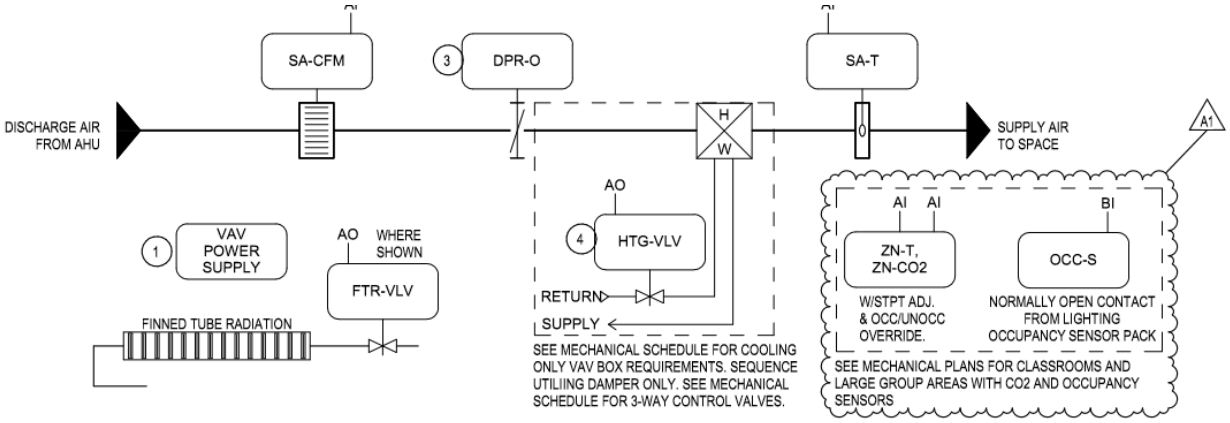
	Hardware Points				Software Points						
Point Name	AI	TRI	BI	BO	AV	BV	Flag	Sched	Trend	Alarm	Show On Graphic
Airflow (SA-CFM)	x								x		x
Discharge Air Temp (DA-T)	x								x		x
Zone Setpoint Adjust	x										x
Zone Temp (ZN-T)	x								x		x
Zone Carbon Dioxide (ZN-CO2)	x								x		x
Reheating Valve (HTG-O)		x							x		x
Zone Damper (DPR-O)		x							x		x
Occupancy Sensor (OCC-S)			x						x		x
Finned Tube (FTR-O) (WHERE SHOWN)				x					x		x
Airflow Setpoint					x				x		x
Cooling Setpoint					x				x		x
DAT Heating Stpt Limit					x						
Heating Setpoint					x				x		x
Heating Mode						x			x		x
Unoccupied Heating Stpt					x						x
Unoccupied Cooling Stpt					x						x
Unoccupied Low Limit					x		x				
High Discharge Air Temp						x				x	
High Zone Temp						x				x	
Low Discharge Air Temp						x				x	
Low Zone Temp						x				x	
Local Override Allowed						x			x		x
Occupied						x		x	x		x

A1

A1

IIII. **Drawing Number M-701**

1. MODIFY 1A VAV BOX WITH REHAT1 Detail as follows:



VAV BOX WITH REHEAT SEQUENCE OF OPERATION

DISCHARGE AIR TEMPERATURE SENSOR: TCC SHALL PROVIDE A SUPPLY AIR TEMPERATURE SENSOR (SA-T) FOR MONITORING PURPOSES AND TO LIMIT THE DISCHARGE AT 95F (ADJ).

OCCUPIED MODE: WHEN THE ZONE TEMPERATURE (ZN-T) IS BETWEEN THE HEATING AND COOLING SETPOINTS, THE PRIMARY AIR DAMPER (DPR-O) WILL BE AT THE MINIMUM CFM (SA-CFM) AND THE REHEAT VALVE (RH-VLV) SHALL BE FULLY CLOSED. ON A RISE IN ZONE TEMPERATURE ABOVE THE COOLING SETPOINT OF 72F (ADJ), THE PRIMARY AIR DAMPER SHALL INCREASE THE CFM AND THE REHEAT VALVE SHALL REMAIN FULLY CLOSED. ON A DROP IN TEMPERATURE BELOW THE HEATING SETPOINT OF 70F (ADJ), THE REHEAT VALVE SHALL MODULATE OPEN AND THE PRIMARY AIR DAMPER SHALL MAINTAIN MINIMUM CFM. SPACE SENSORS SHALL HAVE SETPOINT ADJUSTMENT AND UNOCCUPIED CYCLE OVERRIDE (SOFTWARE SELECTABLE AS DETERMINED BY THE OWNER).

UNOCCUPIED (NIGHT SETBACK) MODE: WHEN IN THE UNOCCUPIED MODE, THE VAV BOX SEQUENCE SHALL BE THE SAME AS THE ABOVE OCCUPIED SEQUENCE. UNOCCUPIED HEATING SETPOINT SHALL BE 65F (ADJ) AND THE COOLING SETPOINT SHALL BE 82F (ADJ). WHEN ANY TWO VAV BOXES REACH EITHER THEIR HEATING OR COOLING SETPOINT, THE AIR HANDLING UNIT SHALL START AND RUN TO MAINTAIN THE UNOCCUPIED SETPOINT. PROVIDE DIFFERENTIAL TO PREVENT SHORT CYCLING OF AHU.

A1

MINIMUM VENTILATION ON CARBON DIOXIDE (CO2) CONCENTRATION: CO2 SENSORS SHALL BE PROVIDED IN CLASSROOM SPACES AND LARGE GROUP AREAS AS INDICATED ON THE MECHANICAL PLANS.

WHEN IN THE OCCUPIED MODE, THE CONTROLLER SHALL MEASURE THE ZONE CO2 CONCENTRATION AND RESET THE MINIMUM DAMPER POSITION ON RISING CO2 CONCENTRATIONS, OVERRIDING NORMAL DAMPER OPERATION TO MAINTAIN A CO2 MAXIMUM SETPOINT OF NOT MORE THAN 1000 PPM (ADJ.). VAV BOX CONTROLLER SHALL BE WIRED TO A LIGHTING OCCUPANCY AUX CONTACT WITHIN THE SPACE. UPON SCHEDULED UNOCCUPIED AND SENSING VACANCY WITHIN THE ZONE, THE ASSOCIATED VAV BOX SHALL BE CONTROLLED TO UNOCCUPIED MODE.

ALARMS SHALL BE PROVIDED AS FOLLOWS:

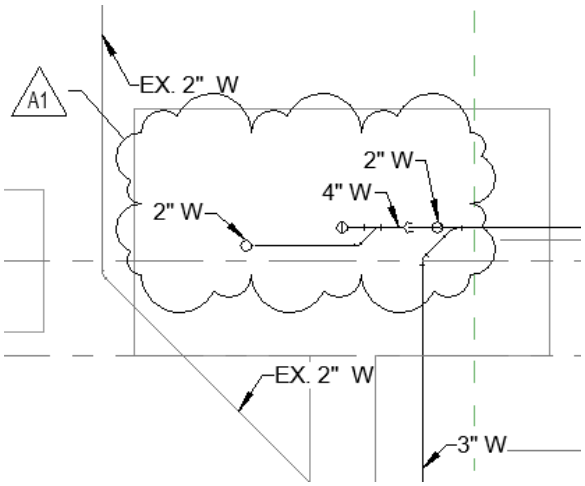
- HIGH ZONE CARBON DIOXIDE CONCENTRATION: IF THE ZONE CO2 CONCENTRATION IS GREATER THAN 1100 PPM (ADJ.).

FIN TUBE RADIATION: MODULATE HOT WATER VALVE BASED ON OUTDOOR AIR TEMPERATURE. DISABLE OPERATION WHEN OUTSIDE AIR TEMPERATURE IS ABOVE 65F (ADJ). TCC SHALL DEDICATE A LOCAL CONTROLLER OR UTILIZE LOCAL FREE I/O.

3.5 P-SERIES DRAWINGS

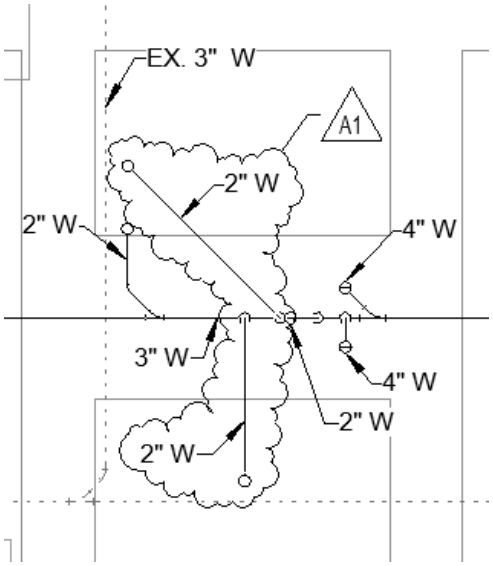
A. **Drawing Number PF1E0**

1. MODIFY Drawing to show floor drain waste piping as follows:



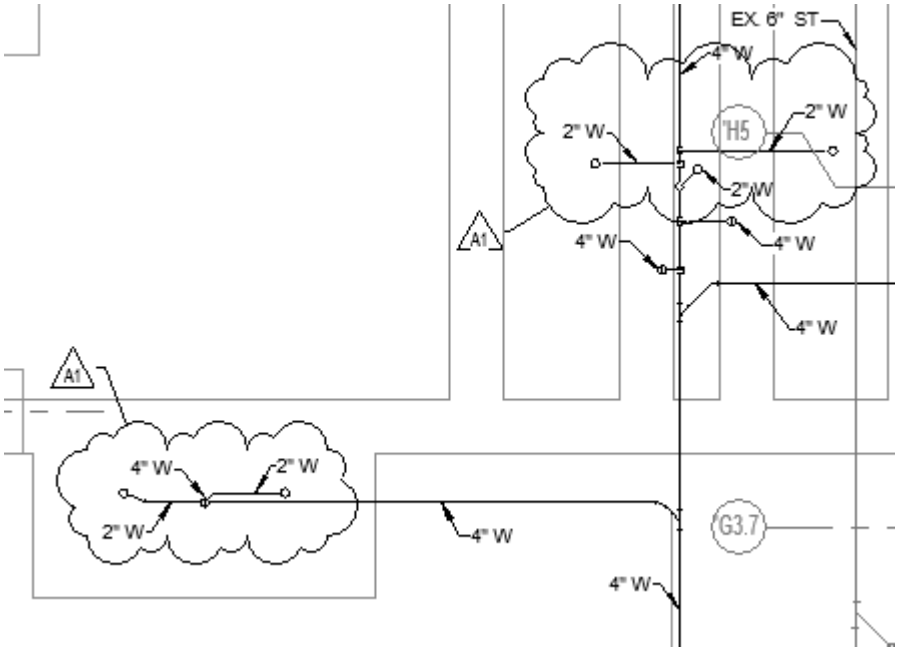
B. **Drawing Number PF1E0**

1. MODIFY Drawing to show floor drain waste piping as follows:



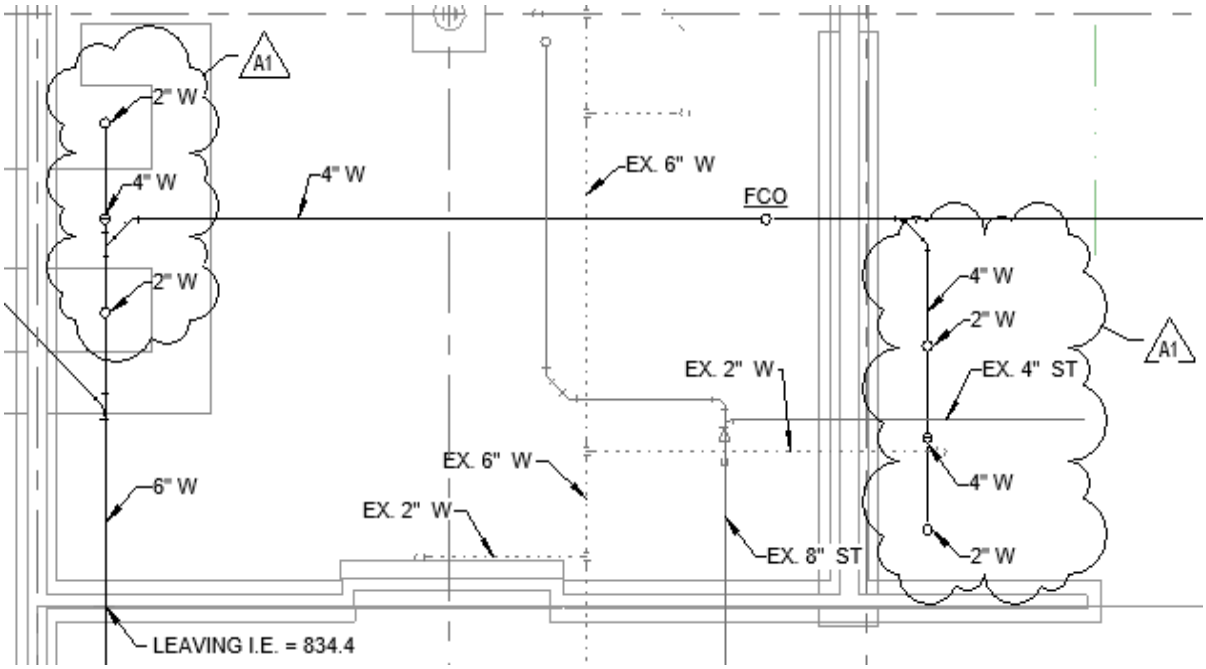
C. **Drawing Number PF1F0**

1. MODIFY Drawing to show floor drain waste piping as follows:



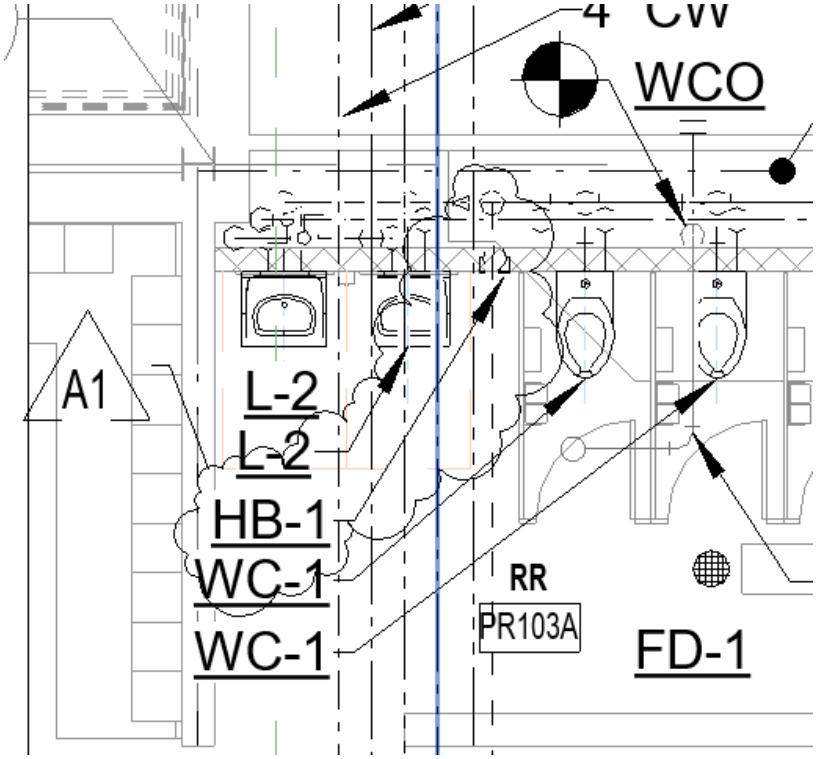
D. **Drawing Number PF1F0**

1. MODIFY Drawing to show floor drain waste piping as follows:



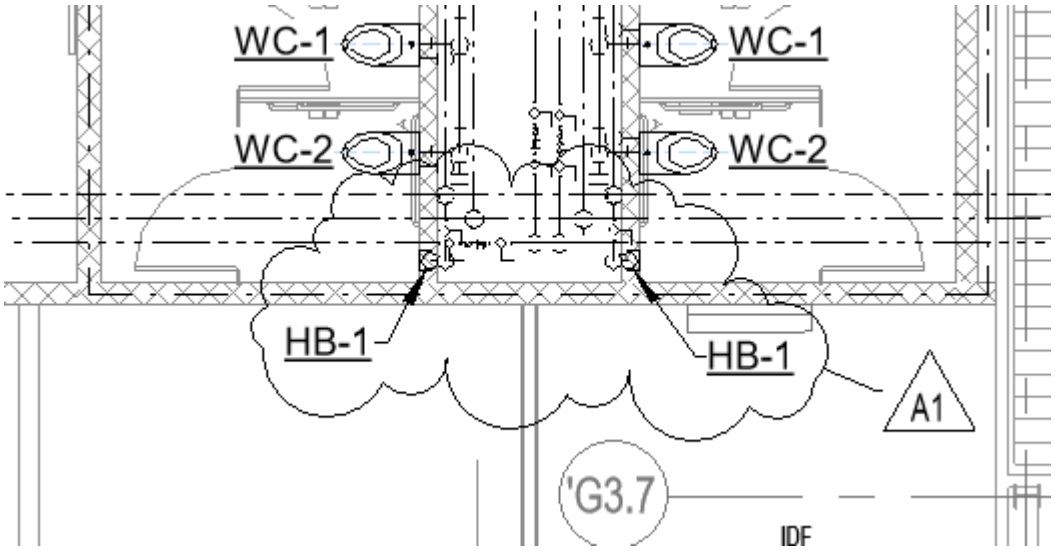
E. **Drawing Number PP1E1**

1. MODIFY Drawing to show HB-1 and piping as follows:



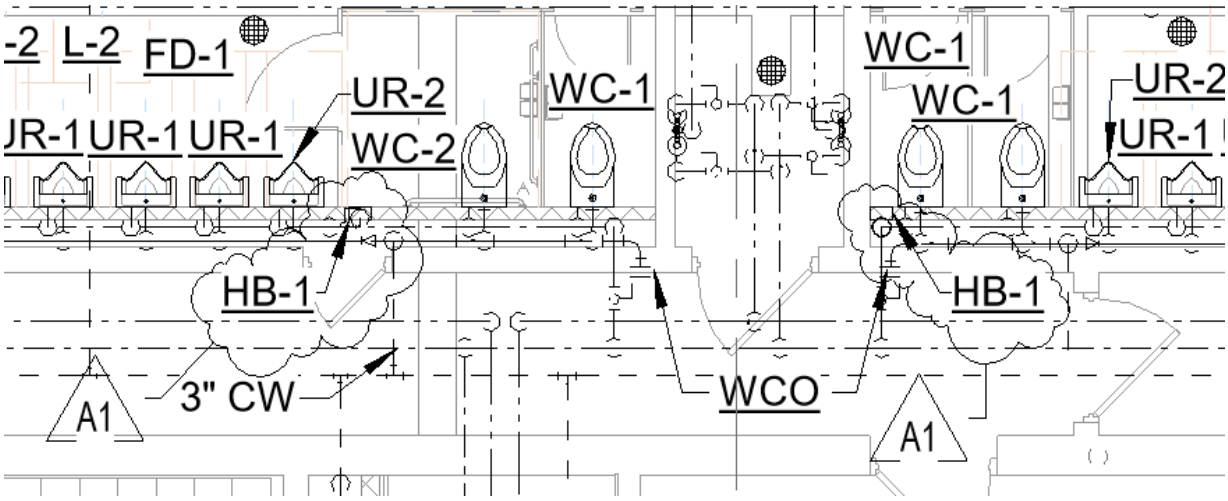
F. **Drawing Number PP1F1**

1. MODIFY Drawing to show HB-1 and piping as follows:



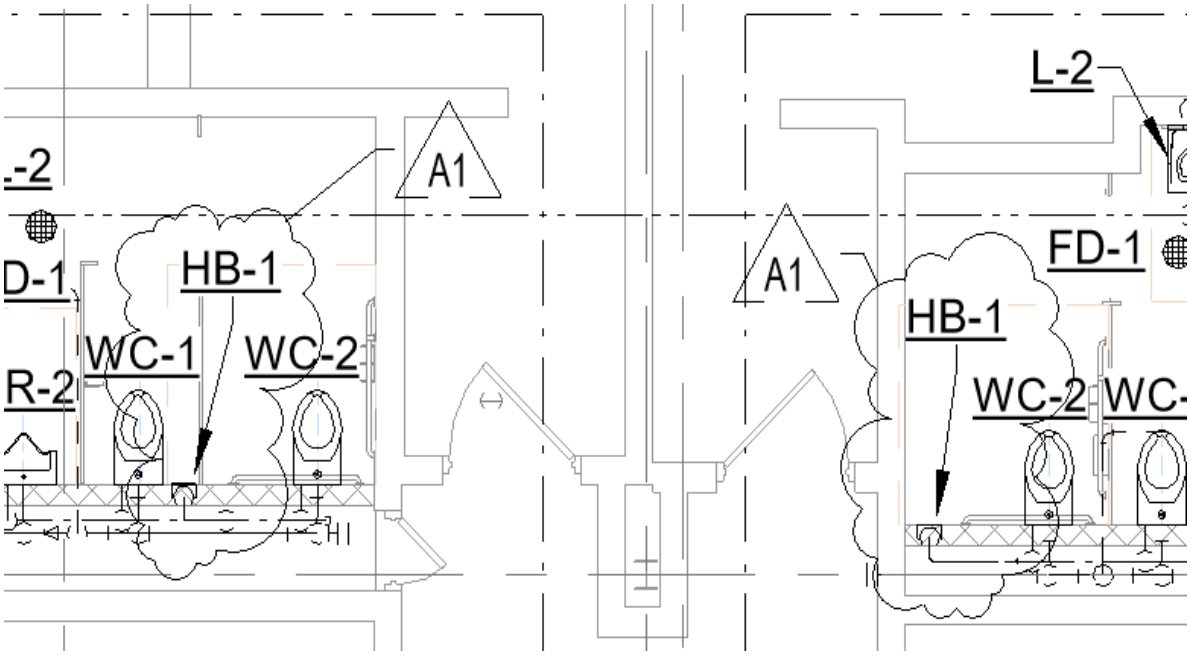
G. **Drawing Number PP1H1**

1. MODIFY Drawing to show HB-1 and piping as follows:



H. **Drawing Number PP1H1**

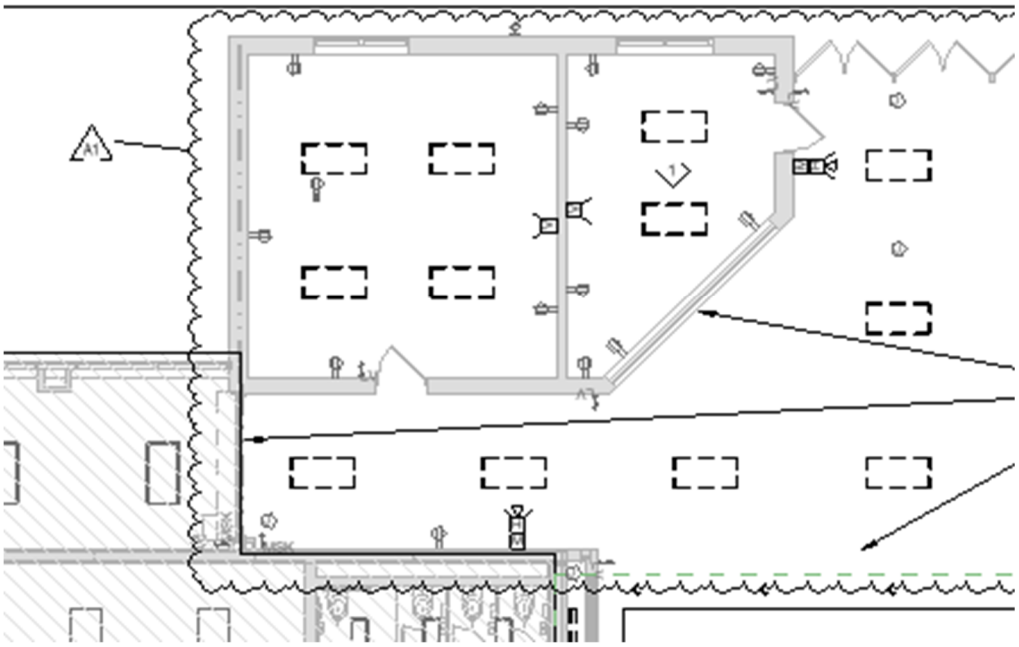
1. MODIFY Drawing to show HB-1 and piping as follows:

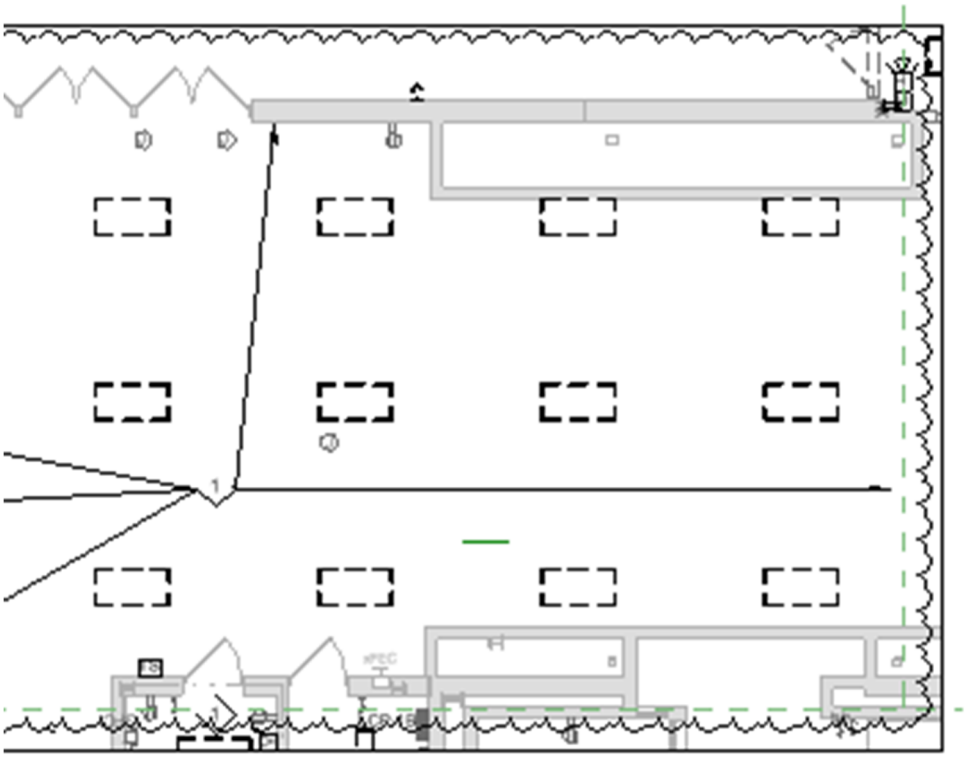


E-SERIES DRAWINGS

I. **Drawing Number ED1K1.**

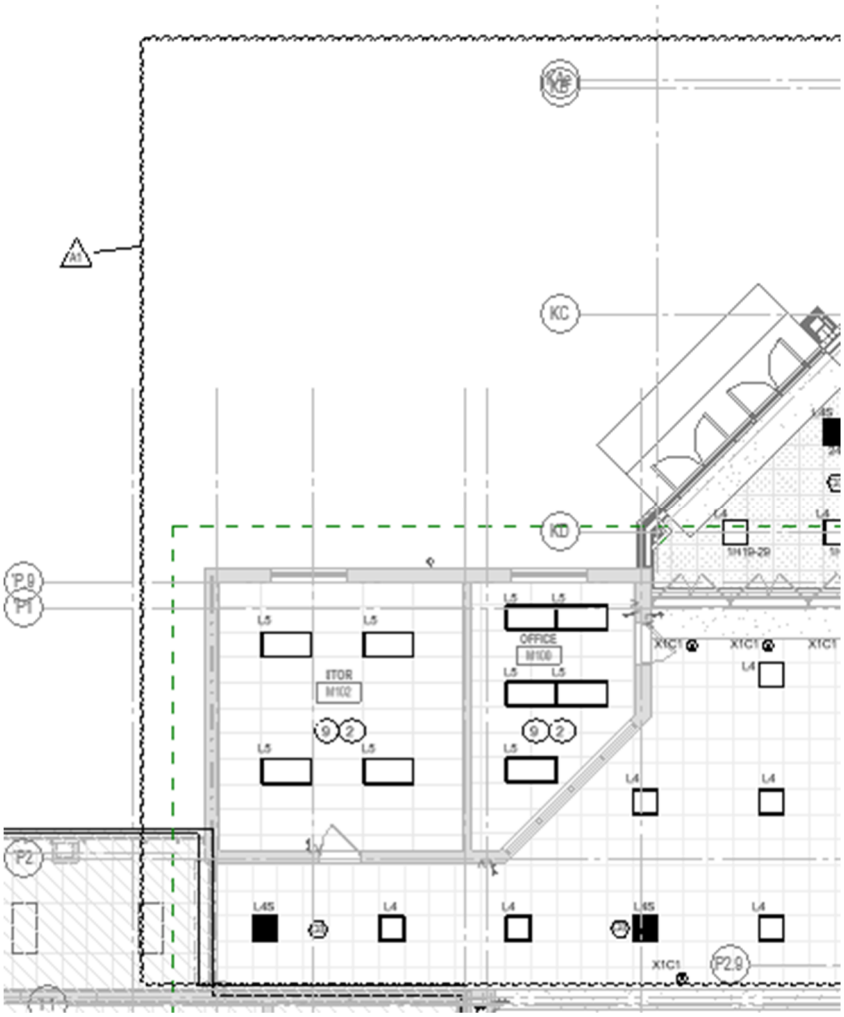
1. ADD Partial Plan to Unit K as follows:

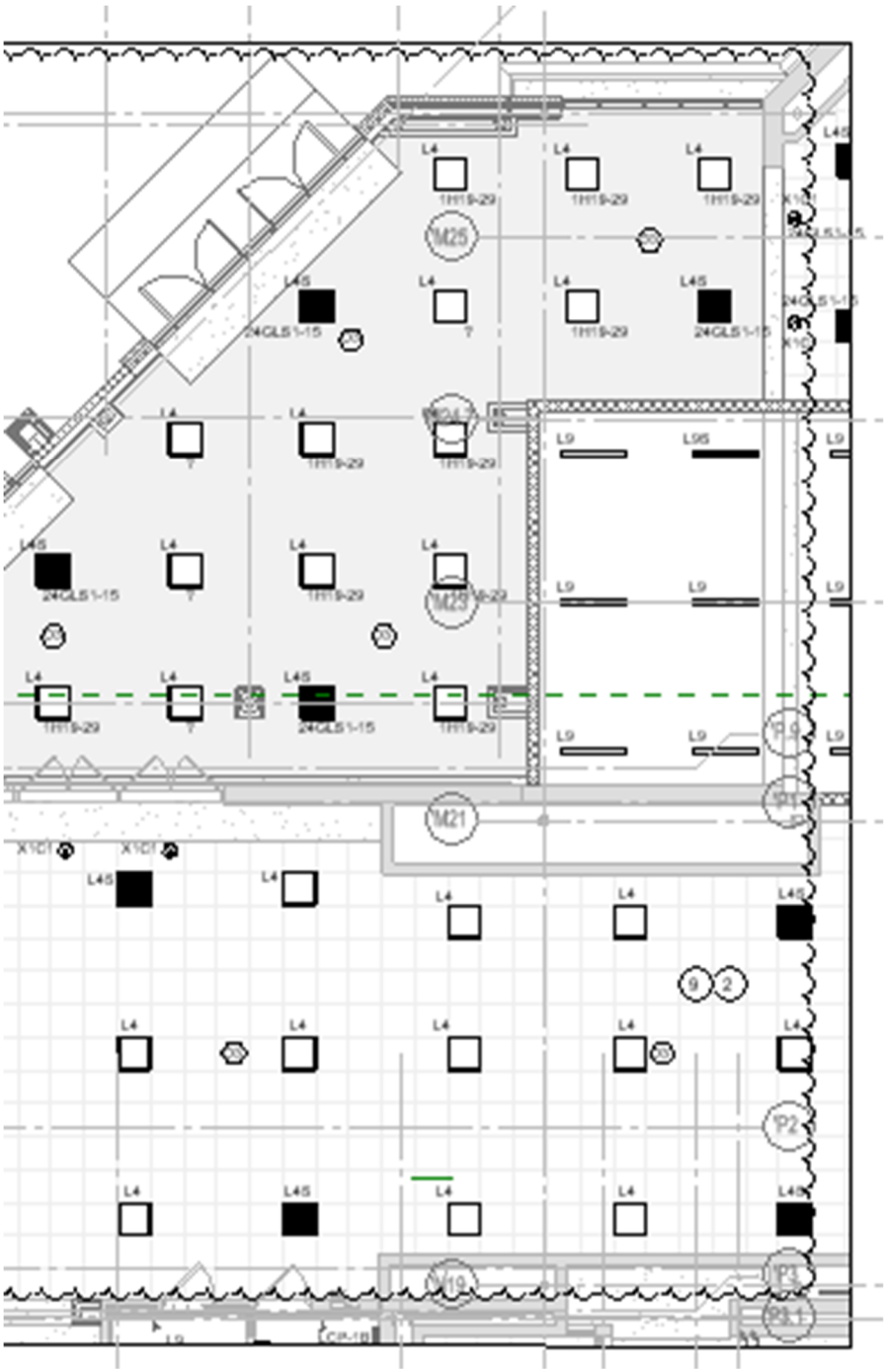




J. **Drawing Number EL1K1.**

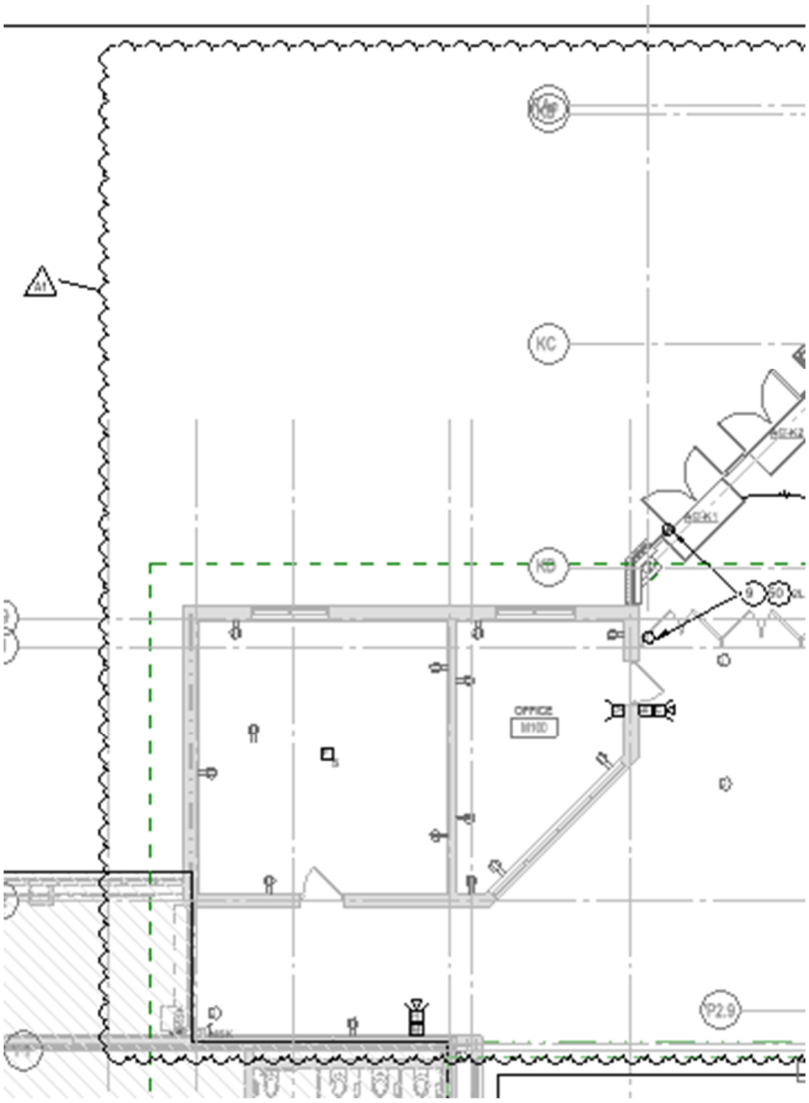
1. ADD Partial Plan to Unit K as follows:

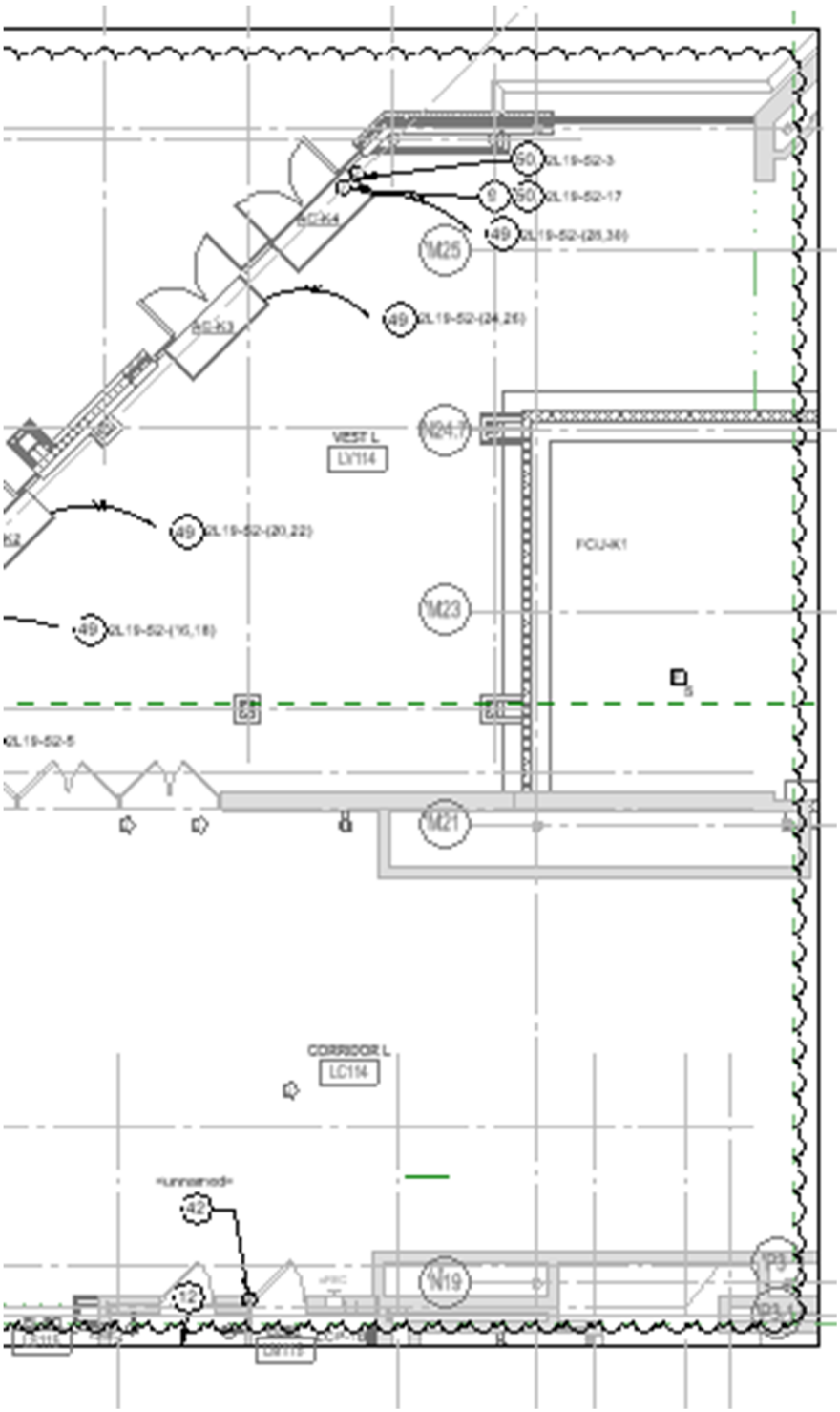



L4
L4S
L9
L9S
24GLS1-15
1H19-29
M25
M23
M21
P1
P2
P3
X101

K. **Drawing Number EP1K1.**

1. ADD Partial Plan to Unit K as follows:




50
XL19-52-3
50
XL19-52-17
49
XL19-52-(26,34)
M25
49
XL19-52-(24,26)
VEST L
LY114
N24.7
49
XL19-52-(20,22)
FCU-K1
M23
49
XL19-52-(16,18)
XL19-52-5
M21
CORRIDOR L
LC114
<unnamed>
42
12
N19

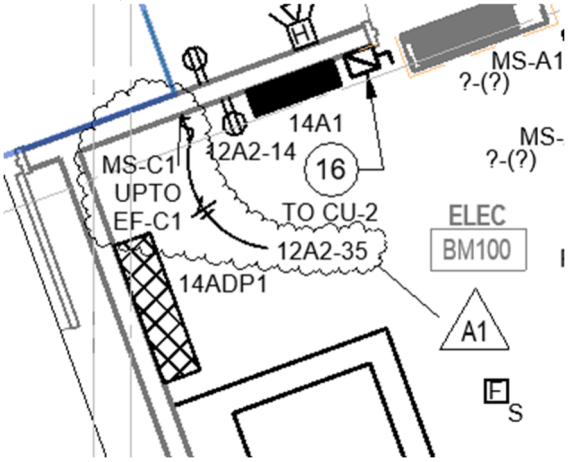
L. **POWER PLAN NOTES.**

1. ADD note 67 as follows: “Provide (1) ¾” under slab conduit for power and (1) 1-1/2” under slab conduit for data. Stub conduits into casework wall cavity.”

2. Delete note 39.

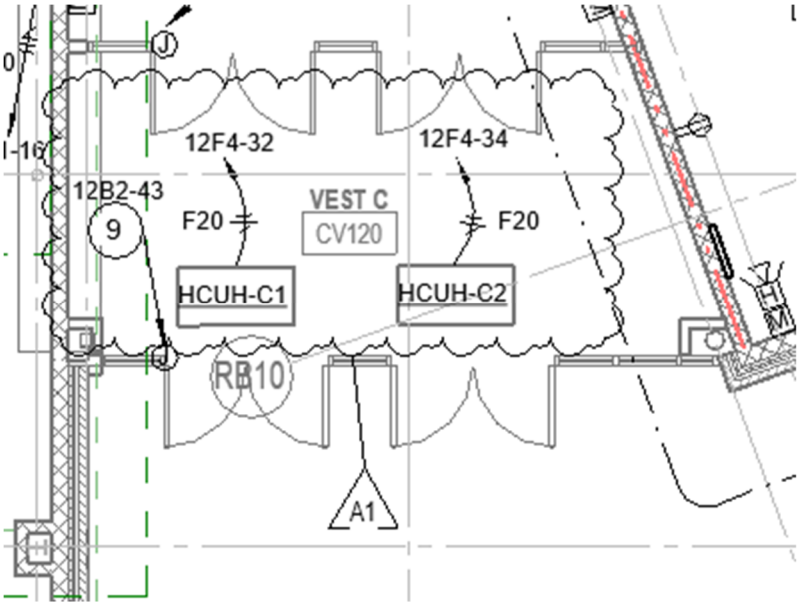
M. **Drawing Number EP1A1.**

1. In BM100, add motor starter as follows:



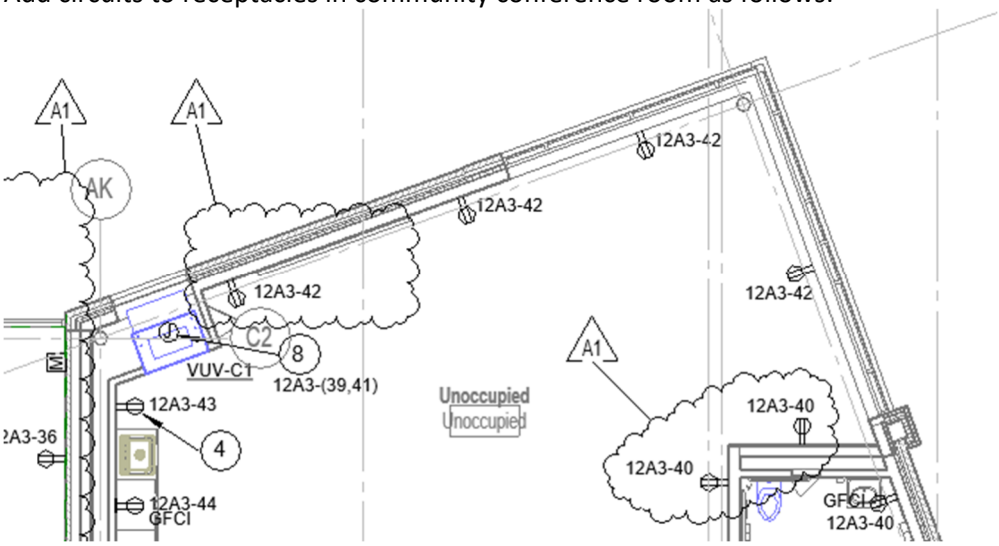
N. **Drawing Number EP1B1.**

1. Connect air curtains in Vest CV120 as follows:

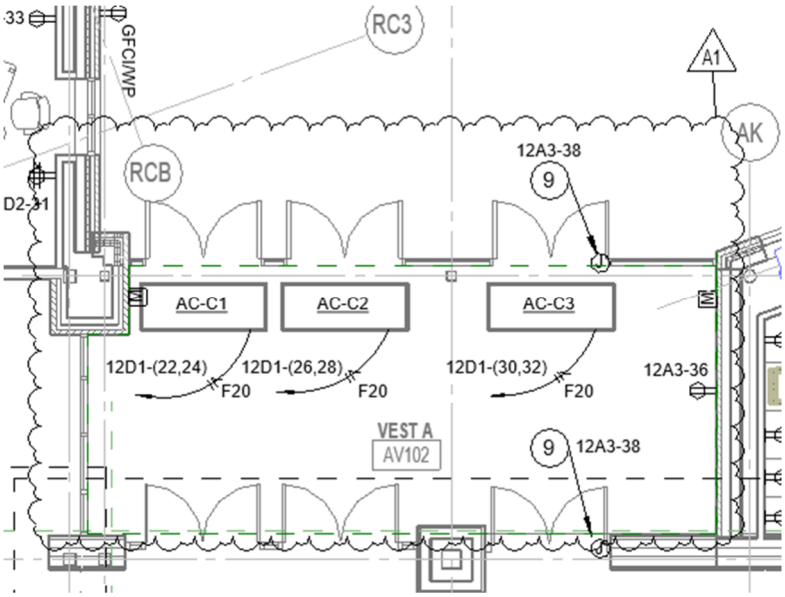


O. **Drawing Number EP1C1.**

1. Add circuits to receptacles in community conference room as follows:



2. Circuit air curtains in Vest AV102 as follows:

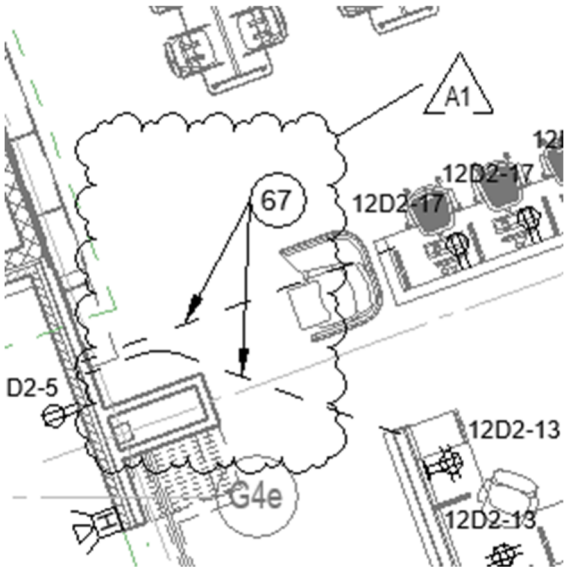


3. In Class A102, delete floating junction box.

4. In Media Center A106:

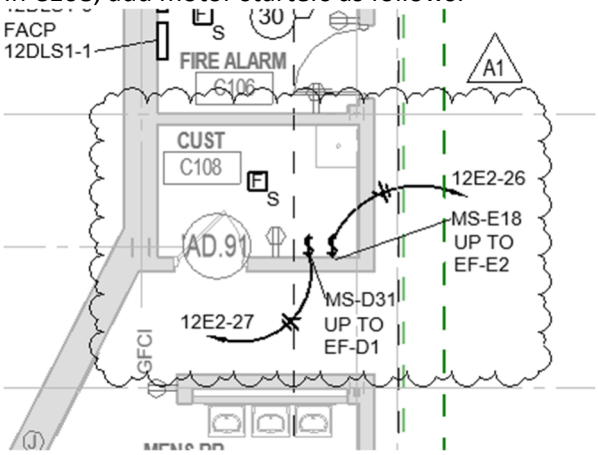
   a. Delete junction box over folding door.

   b. Add plan note as follows:

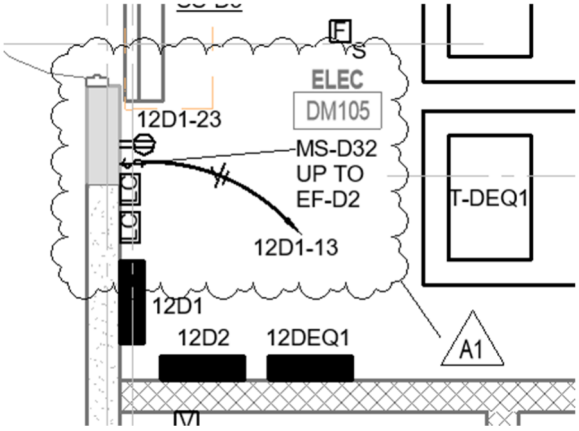


P. **Drawing Number EP1D1.**

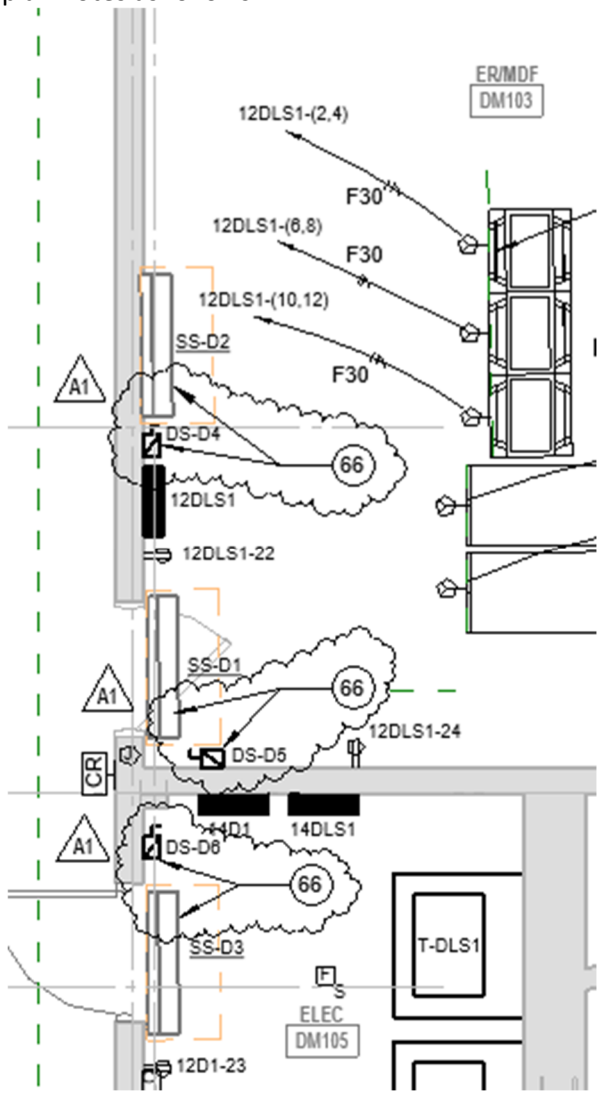
1. In C108, add motor starters as follows:



2. On 5E / DM105 ELEC/DM103 ER/MDF ENLARGED POWER PLAN, add motor starter as follows:

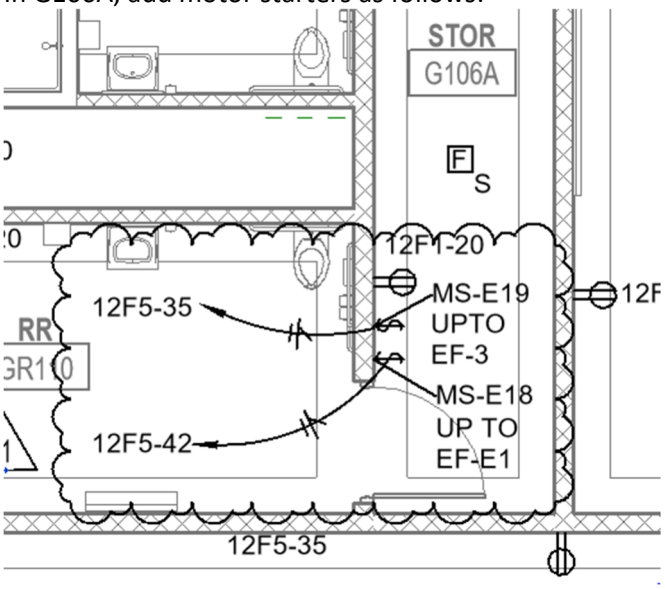


3. In DM103 and DM105, at SS-D1, SS-D2, and SS-D3, add fused disconnect switches and plan notes as follows:

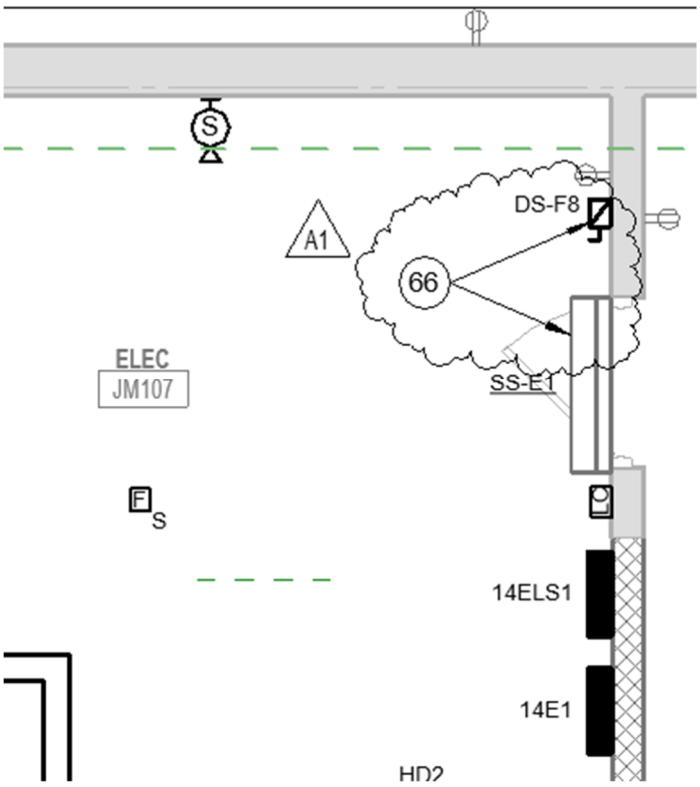


Q. **Drawing Number EP1E1.**

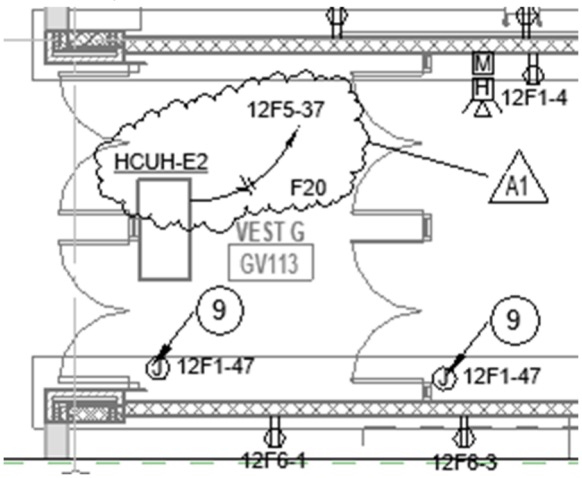
1. In G106A, add motor starters as follows:



2. On JM107 ELEC – ENLARGED POWER PLAN, at SS-E1, add fused disconnect switch and plan note as follows:

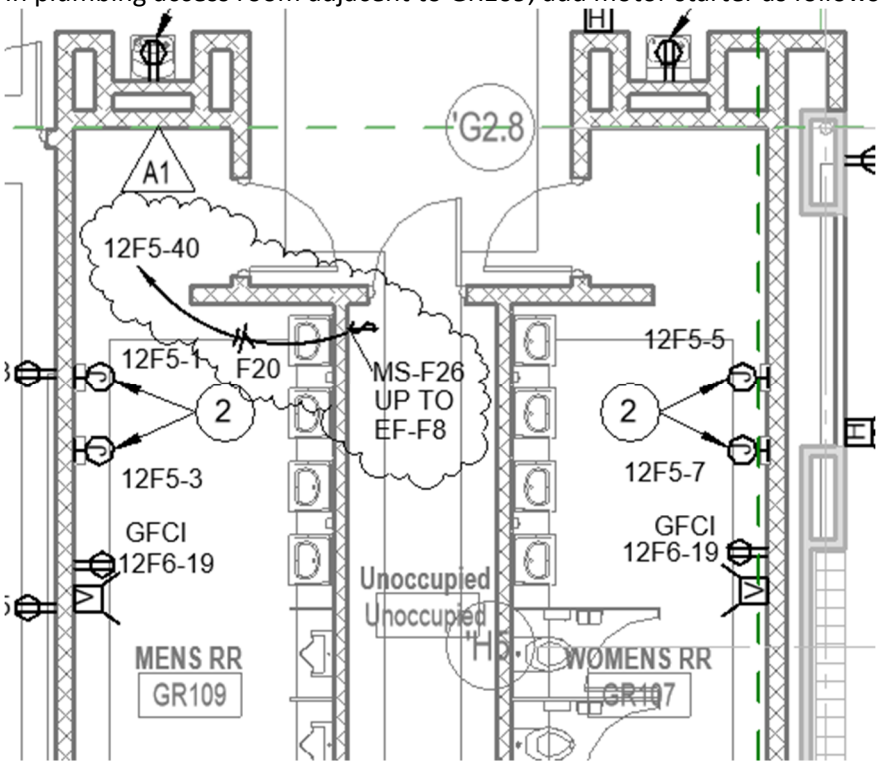


3. In GV113, circuit HCUH-E2 as follows:

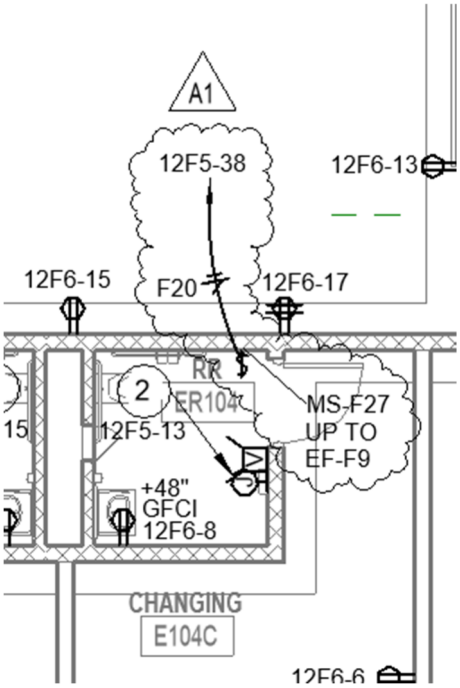


R. **Drawing Number EP1F1.**

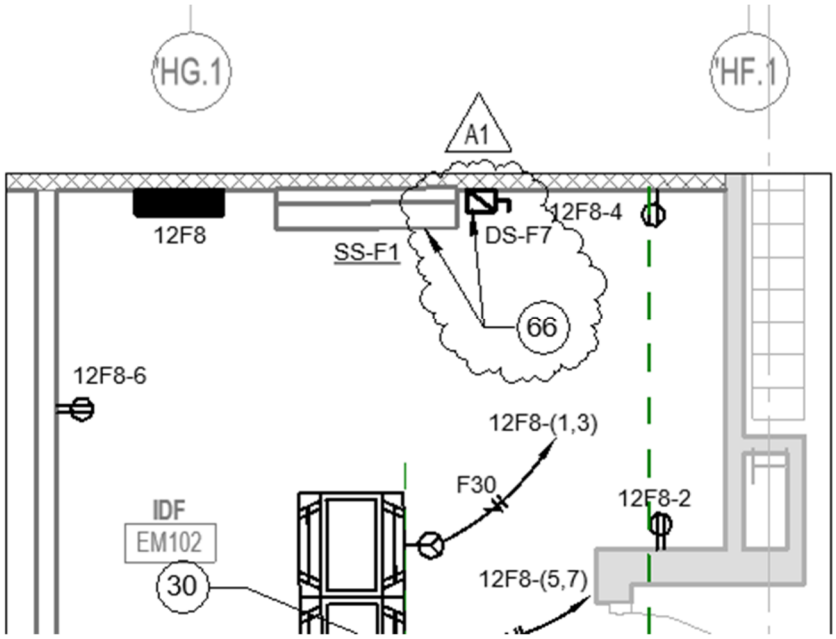
1. In plumbing access room adjacent to GR109, add motor starter as follows:



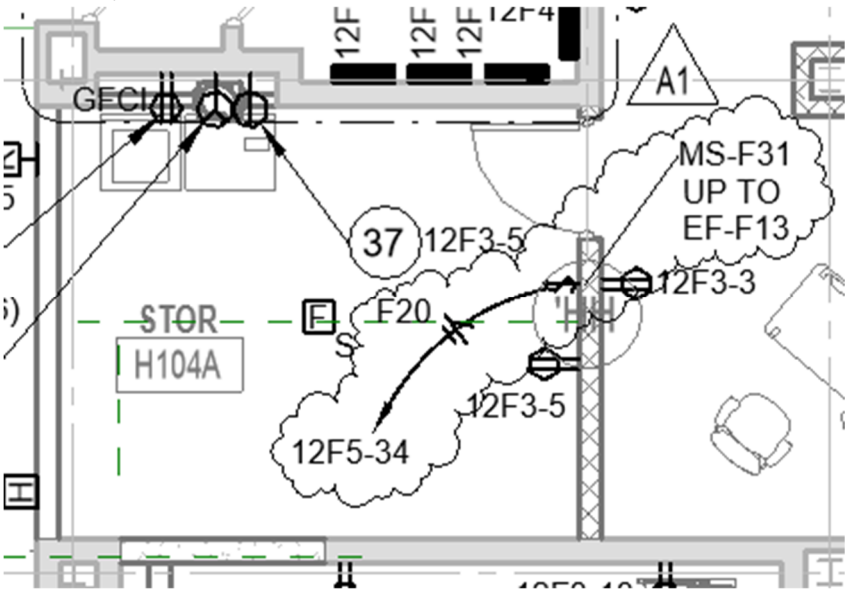
2. In ER104, add motor starter as follows:



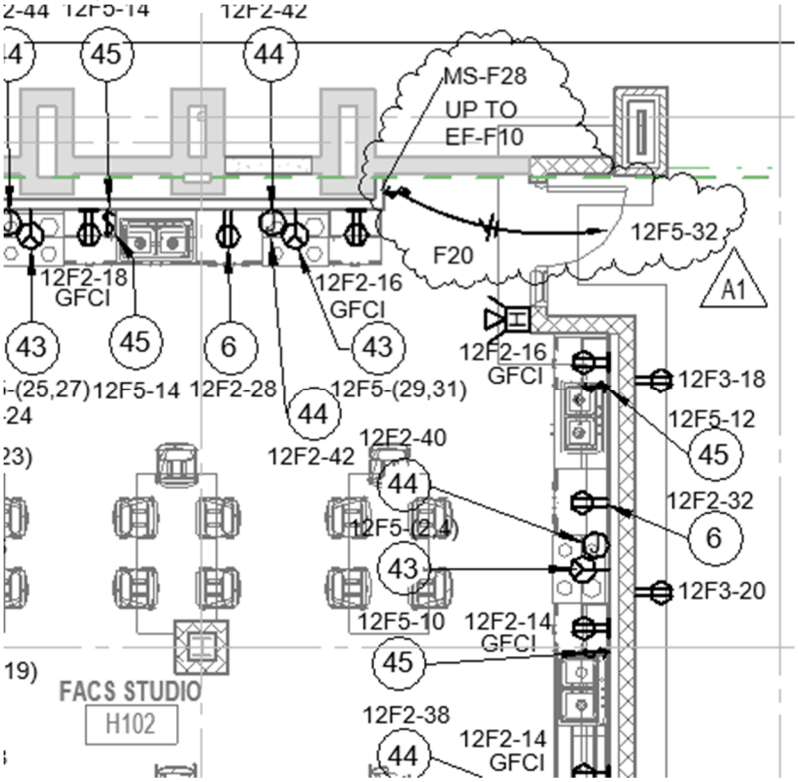
3. On EM102 IDF – ENLARGED POWER PLAN, at SS-F1, add fused disconnect switch and plan note as follows:



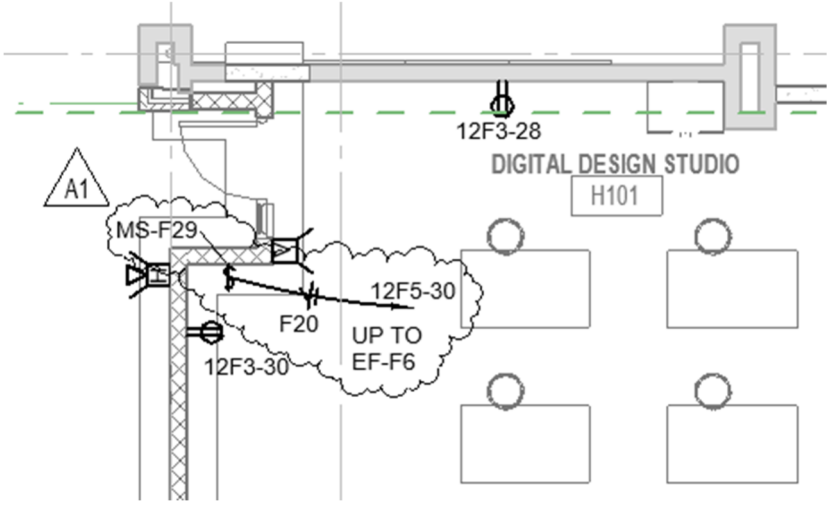
4. In H104A, add motor starter as follows:



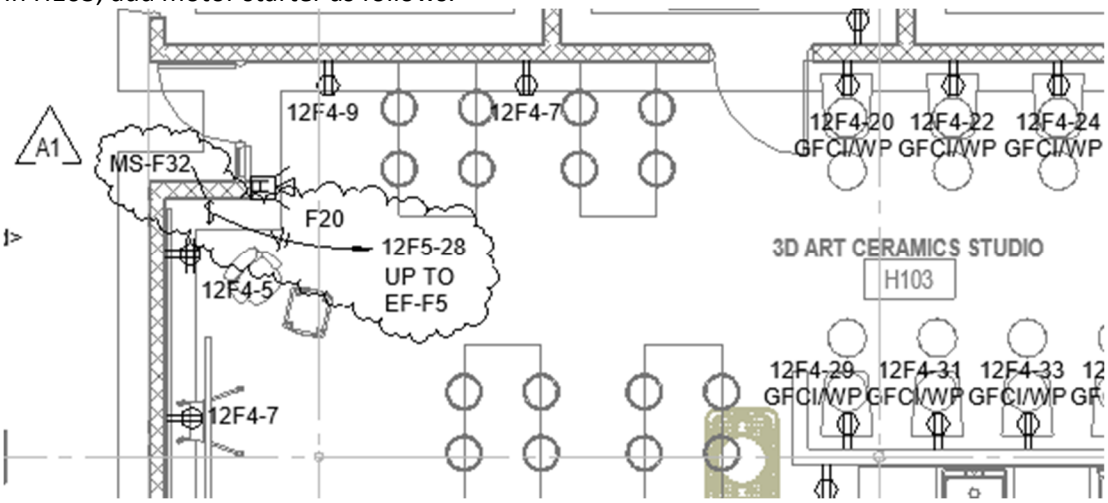
5. In H102, add motor starter as follows:



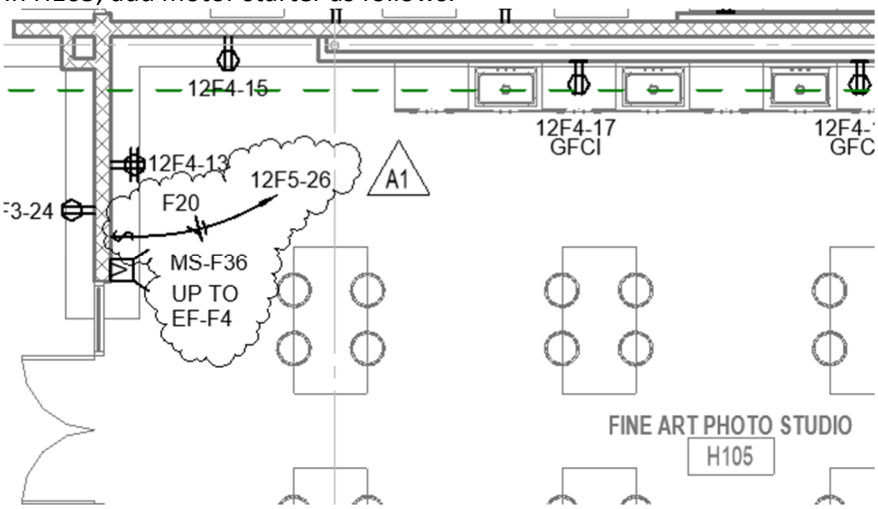
6. In H101, add motor starter as follows:



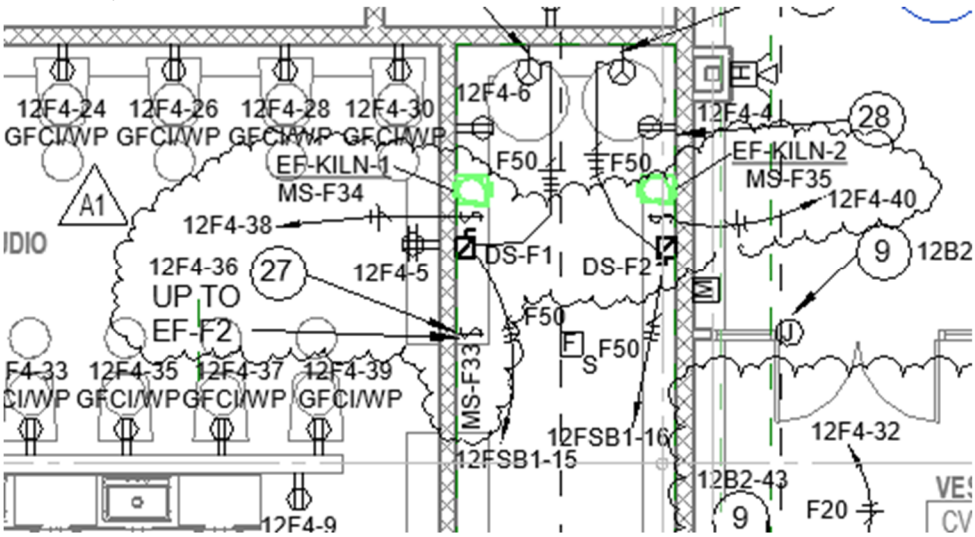
7. In H103, add motor starter as follows:



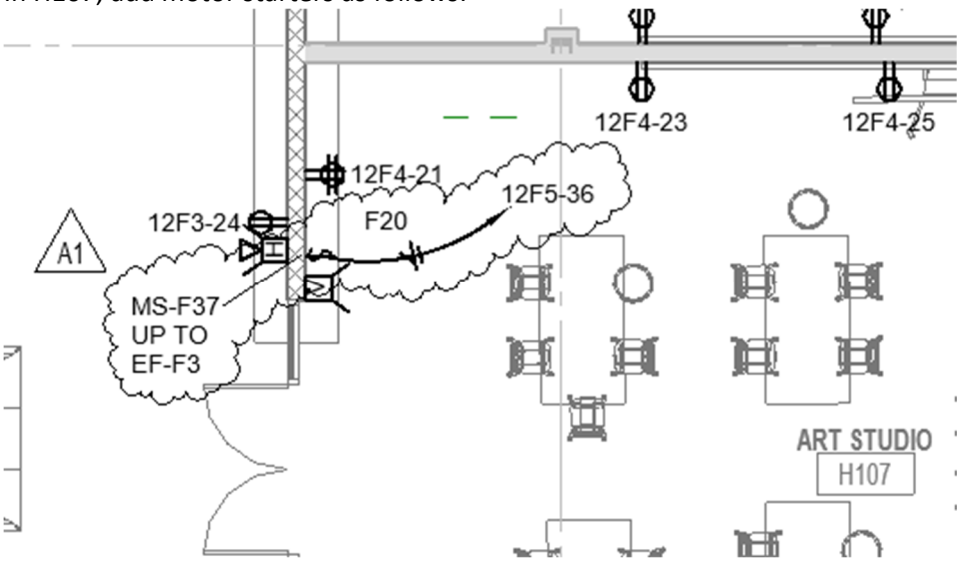
8. In H105, add motor starter as follows:



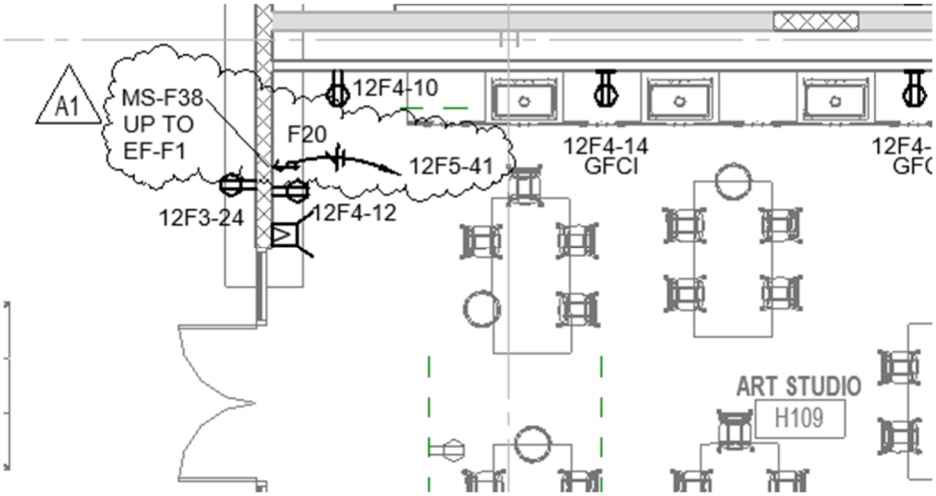
9. In H103B, add motor starters as follows:



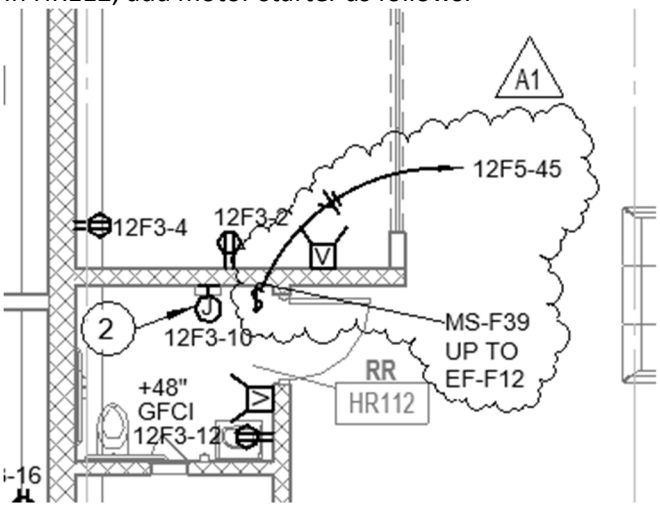
10. In H107, add motor starters as follows:



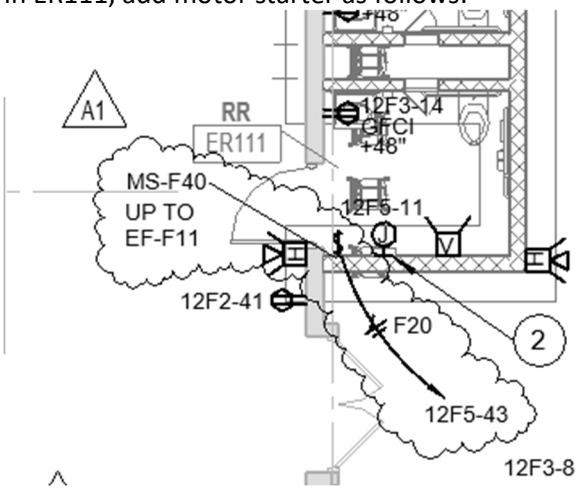
11. In H109, add motor starter as follows:



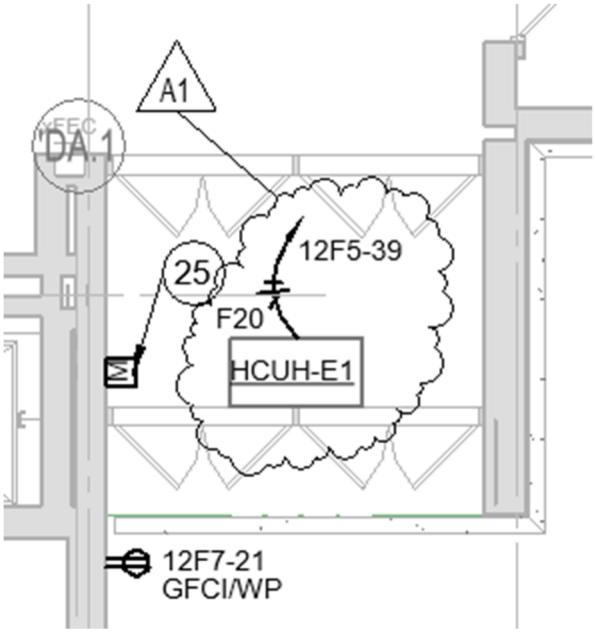
12. In HR112, add motor starter as follows:



13. In ER111, add motor starter as follows:

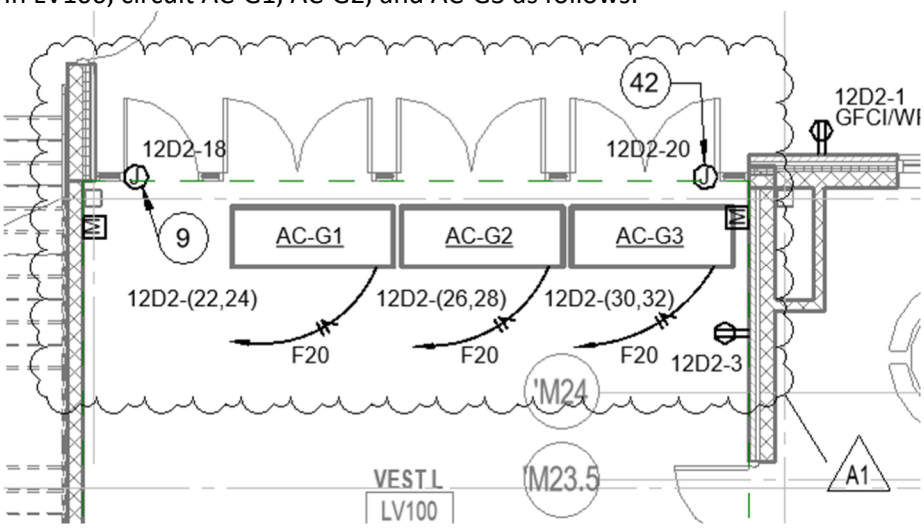


14. In Unit F Vestibule, circuit HCUH-E as follows:



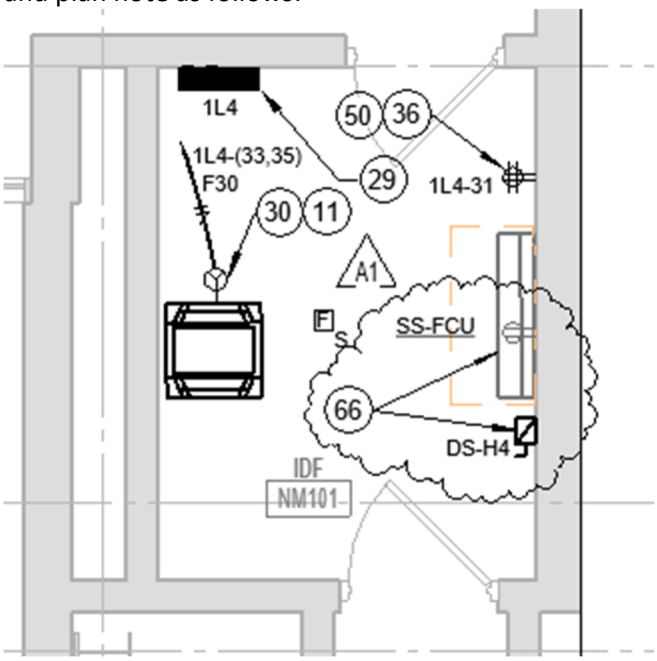
S. **Drawing Number EP1G1.**

1. In LV100, circuit AC-G1, AC-G2, and AC-G3 as follows:



T. **Drawing Number EP1H1.**

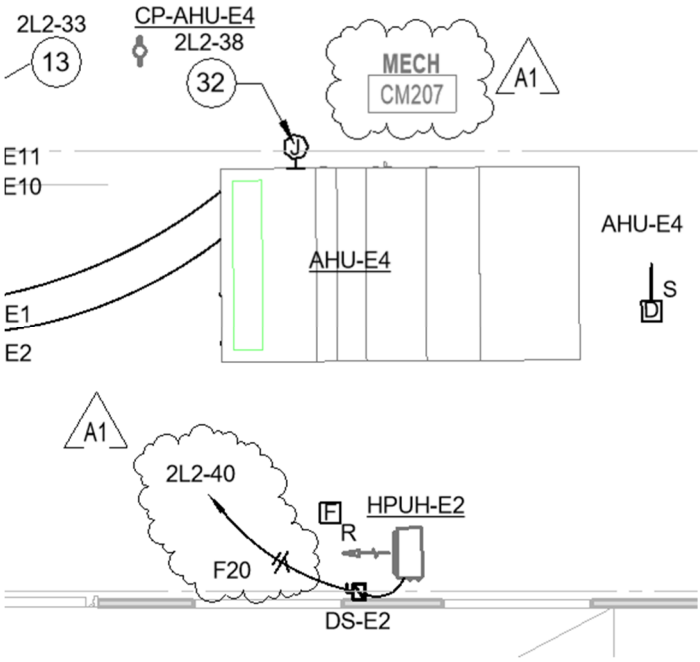
1. On NM101 IDF – ENLARGED POWER PLAN, at SS-FCU, add fused disconnect switch and plan note as follows:



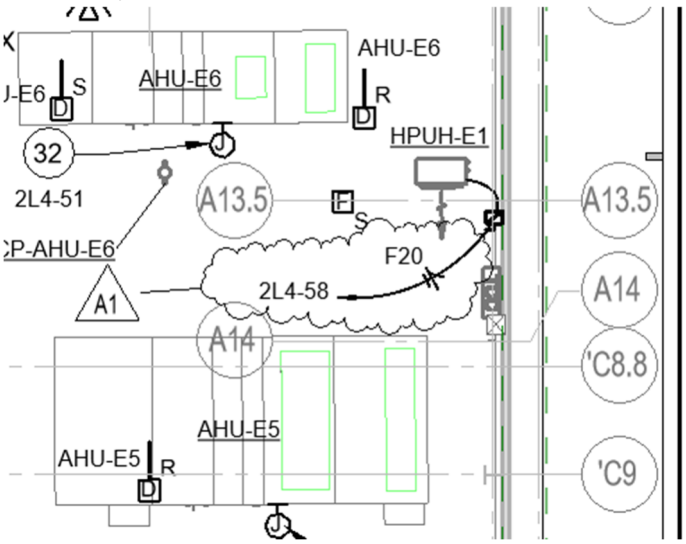
U. **Drawing Number EP1E2**.

1. Add room name and number for MECH CM207, MECH CM211A, MECH CM214.

2. In CM207, add fused disconnect switch and circuit HPUH-E2 as follows:

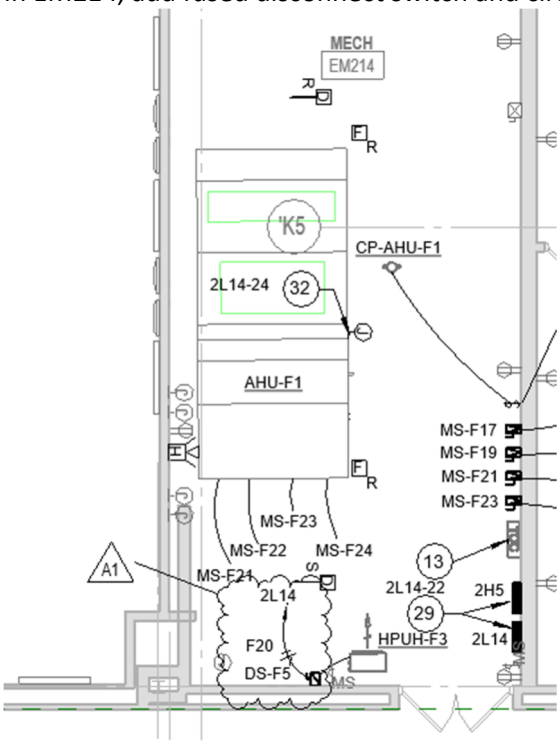


3. In CM214, add fused disconnect switch and circuit HPUH-E1 as follows:

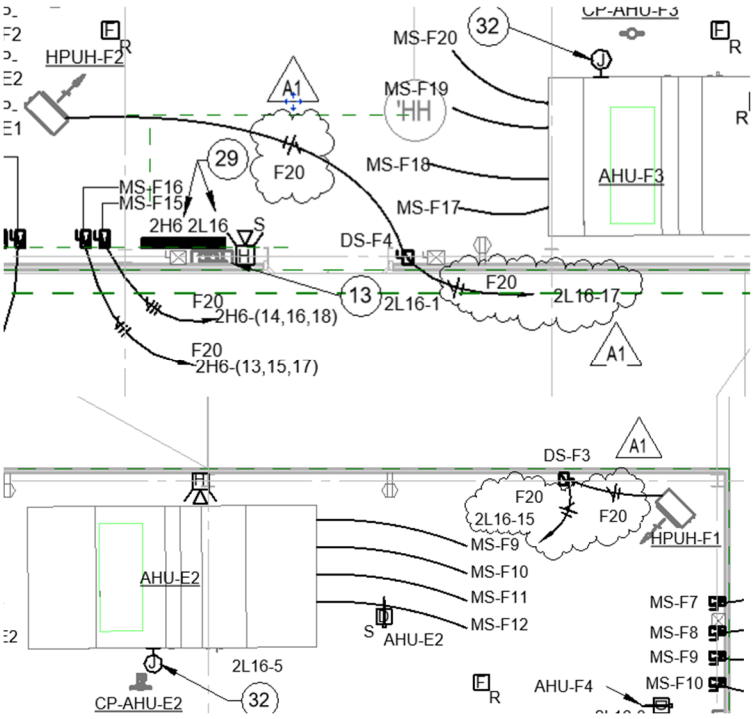


V. **Drawing Number EP1F2.**

1. In EM214, add fused disconnect switch and circuit HPUH-F3 as follows:

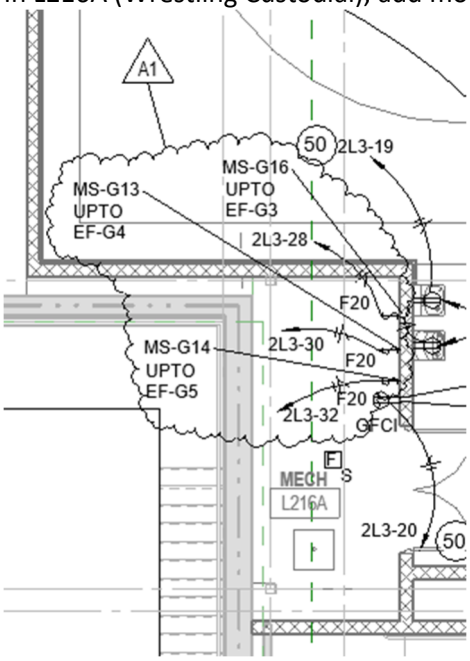


2. In Unit F Mechanical Penthouse, add fused disconnect switches and circuit HPUH-F1 and HPUH-F2 as follows:

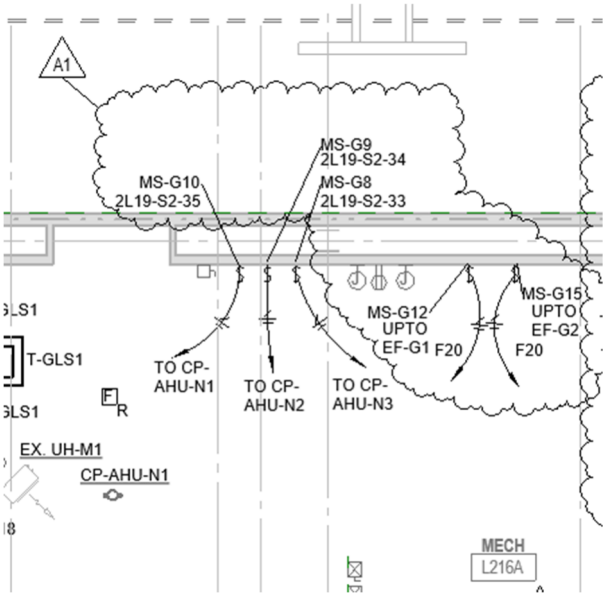


W. **Drawing Number EP1G2.**

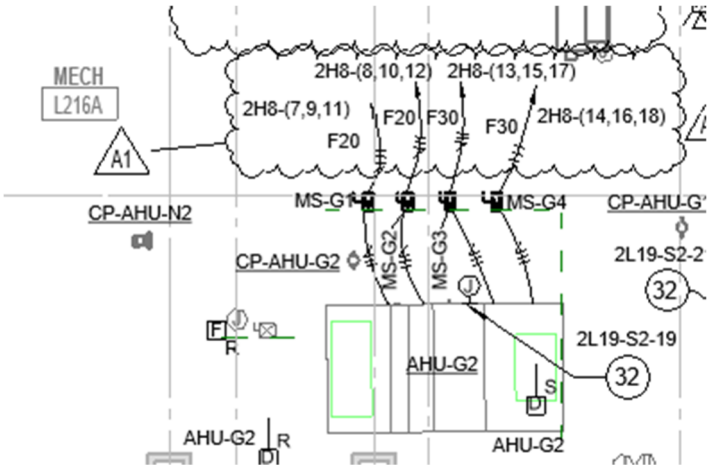
1. In L216A (Wrestling Custodial), add motor starters as follows:



2. In L216A (Mechanical Room), add motor starters as follows:



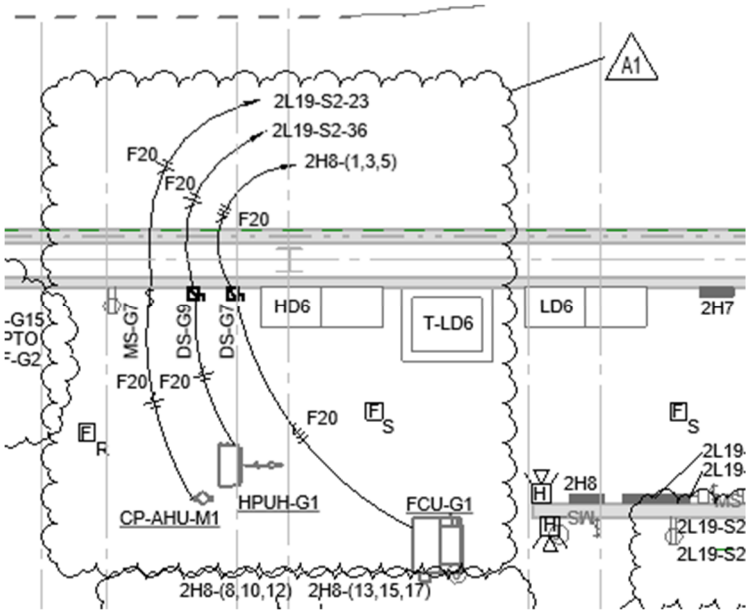
3. In L216A (Mechanical Room), change MS-G1, MS-G2, MS-G3, and MS-G4 circuits as follows:



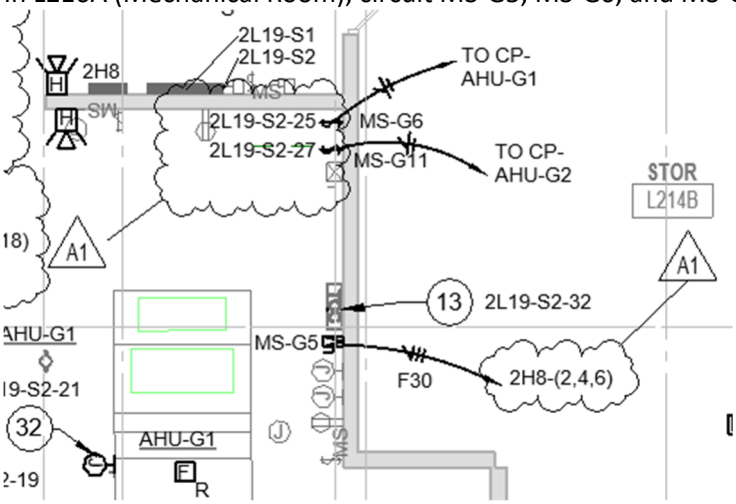
4. In L216A (Mechanical Room):

   a. Circuit MS-G7, MS-G2, MS-G3, and MS-G4 circuits as follows:

   b. Add fused disconnect switches as follows:

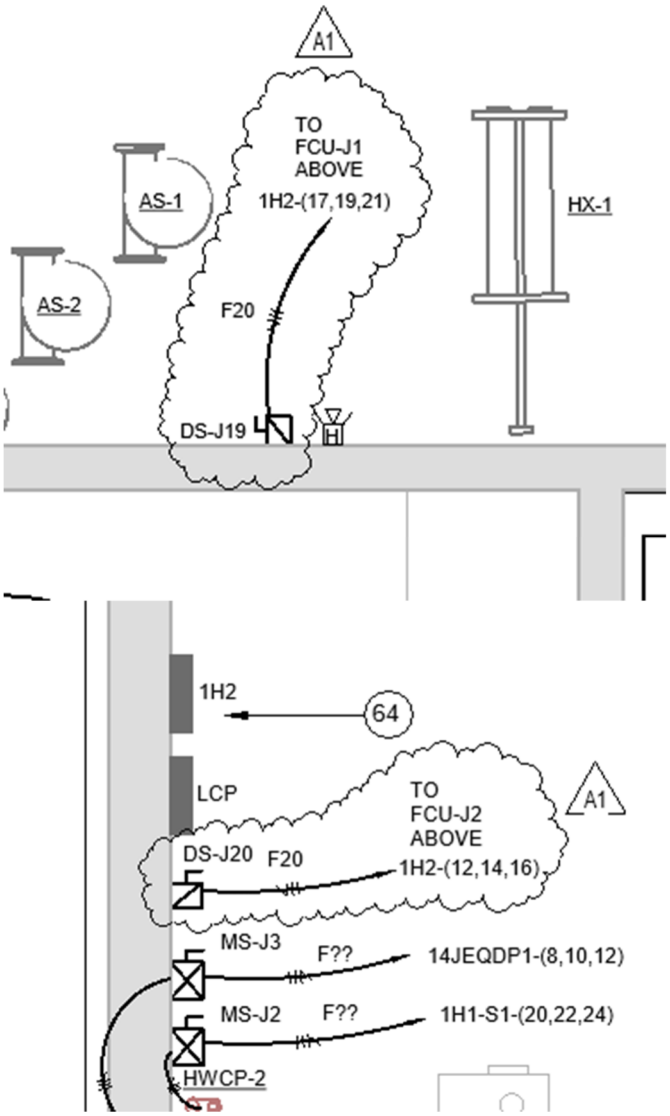


5. In L216A (Mechanical Room), circuit MS-G5, MS-G6, and MS-G11 as follows:



X. **Drawing Number E-401.**

1. On 1A Main Elec/Mech – Enlarged Power Plan, add fused disconnects and circuits for FCU-J1 and FCU-J2 as follows:



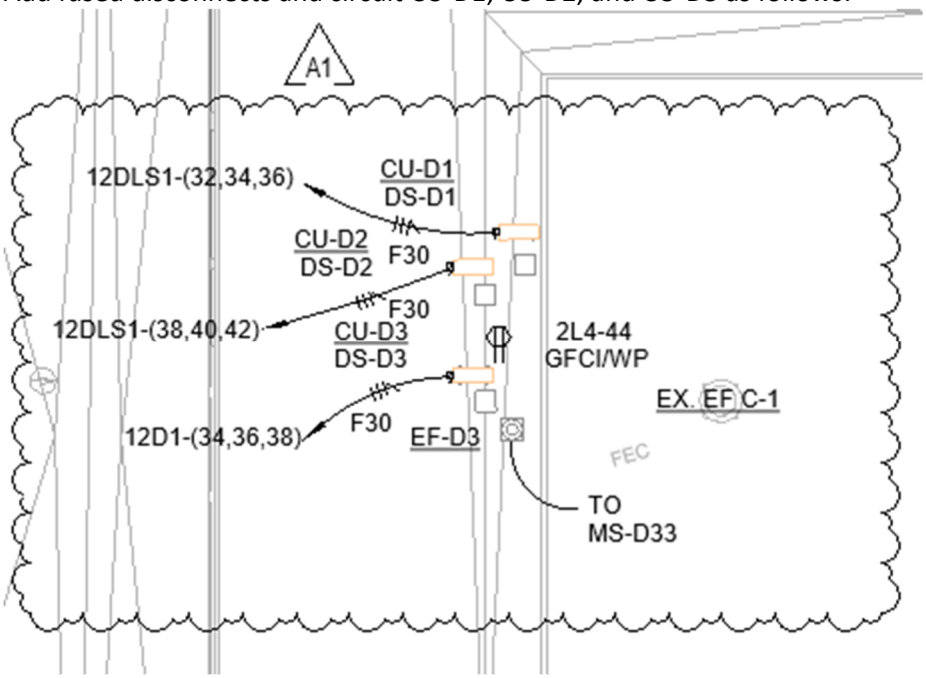
Y. **Drawing Number ER101.**

1. At EF-C1, change label MS-?? to MS-C1.
2. At EF-2, change label MS-?? to MS-A3.
3. At EF-1, change label MS-?? to MS-B1.
4. At EF-E2, change label MS-?? to MS-E18.
5. At EF-D1, change label MS-?? to MS-D31.

6. At EF-D2, change label MS-?? to MS-D32.

7. At EF-D3, change label MS-?? to MS-D33.

8. Add fused disconnects and circuit CU-D1, CU-D2, and CU-D3 as follows:



Z. **Drawing Number ER102.**

1. At EF-E1, change label MS-?? to MS-E18.

2. At EF-F8, change label MS-?? to MS-F26.

3. At EF-F9, change label MS-?? to MS-F27.

4. At EF-F1, change label MS-?? to MS-F38.

5. At EF-F3, change label MS-?? to MS-F37.

6. At EF-F4, change label MS-?? to MS-F36.

7. At EF-F11, change label MS-?? to MS-F40.

8. At EF-F12, change label MS-?? to MS-F39.

9. At EF-3, change label MS-?? to MS-B3.

10. At EF-4, change label MS-?? to MS-B4.

11. At EF-5, change label MS-?? to MS-B5.

12. At EF-6, change label MS-?? to MS-B2.

13. At RC-KILN-1, change label MS-?? to MS-F34.

14. At RC-KILN-2, change label MS-?? to MS-F35.

15. At EF-F2, change label MS-?? to MS-F33.

16. At EF-F5, change label MS-?? to MS-F32.

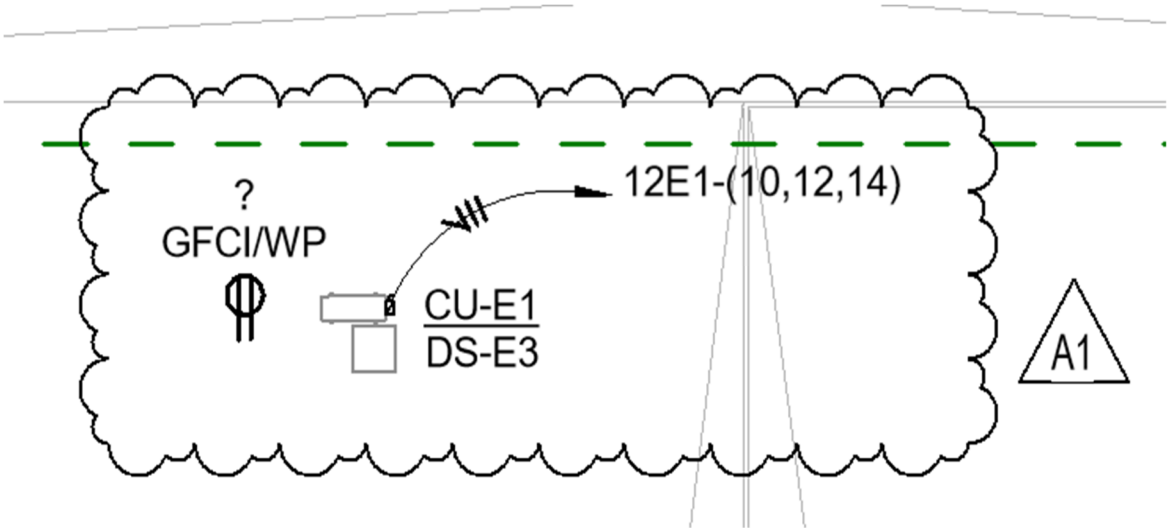
17. At EF-F6, change label MS-?? to MS-F29.

18. At EF-F7, change label MS-?? to MS-F30.

19. At EF-F10, change label MS-?? to MS-F28.

20. At EF-F13, change label MS-?? to MS-F31.

21. Add fused disconnect and circuit CU-E1 as follows:



AA. **Drawing Number ER103.**

1. At EF-G3, change label MS-?? to MS-G16.

2. At EF-G2, change label MS-?? to MS-G15.

3. At EF-G1, change label MS-?? to MS-G12.

4. At EF-G4, change label MS-?? to MS-G13.

5. At EF-G5, change label MS-?? to MS-G14

BB. **Drawing Number E-608**

1. In the Lighting Fixtures Schedule, modify the following:

   a. "Type L39 – Change Holophane PHS to Lithonia JHBL."

CC. **Drawing Number E-609.**

1. Replace Sheet in its entirety per the attached

DD. **Drawing Number E-611.**

1. On panel 2L3, add circuits as follows:

				2.00	0.54	1	20 A	RECEPT	L214	24		--
1.44	0.18					1	20 A	RECEPT	K2	26	A1	--
		1.44	0.70			1	20 A	EF-G3	L216A	28		--
				1.44	0.70	1	20 A	EF-G4	L216A	30		--
0.00	0.70					1	20 A	EF-G5	L216A	32		--
		0.00	0.00			1	20 A		SPARE	34		--
				0.00	0.00	1	20 A		SPARE	36	--	--
0.00	0.00					1	20 A		SPARE	38	--	--

EE. **Drawing Number E-612.**

1. On panel 12E1, add circuits as follows:

0.18			1	20 A	RECEPT	DS116	4			
	0.72	0.18	1	20 A	RECEPT	EXTERIOR	6		A1	
			1	20 A	EWC	R103A	8			
3.24			3	30 A	CU-E1	JM107	10			
	0.36	3.24	--	--	--	--	12	--		
			--	--	--	--	14	--		
0.00			1	20 A		SPARE	16	--		

2. On panel 1L6, add circuits as follows:

A1	–	37	EXISTING	EXIST	20 A	1	0.00	0.00				
	–	39	EXISTING	EXIST	20 A	1			0.00	0.00		
		41	D109	EF-D3	20 A	1					0.70	0.00
	–	43	SPARE		20 A	1	0.00	0.00				
	–	45	SPARE		20 A	1			0.00	0.00		

3. On panel 2L2, add circuits as follows:

1.20			1	20 A	LIGHTING	CM207	34		
	1.20	1.20	1	20 A	LIGHTING	CM207	36	A1	
			1	20 A	LIGHTING	CM207	38		
0.67			1	20 A	HPUH-E2	CM207	40		N
	0.53	0.08	1	20 A		SPARE	42		

4. On panel 12E2, add circuits as follows:

4	1.44					1	20 A	RECEPT	C120	20		
		1.44	1.44			1	20 A	RECEPT	C120	22		
				1.18	1.18	1	20 A	LIGHTING	C120	24		
2	0.70					1	20 A	EF-E2	CC114	26		
		0.70	0.00			1	20 A		SPARE	28		
				0.00	0.00	1	20 A		SPARE	30		

	23	C118	LIGHTING	20 A	1					
	25	RC Room C120A, C118A, C112		20 A	1	0.72	0.70			
	27	C108	EF-D1	20 A	1			0.70	0.6	
--	29	SPARE		20 A	1					

FF. **Drawing Number E-613.**

1. On panel 12D1, add circuits as follows:

		9	A AC106	RECEPT	20 A	1					
G		11	CC114	EWC	20 A	1					
		13	A109	EF-D2	20 A	1	0.70	1			
--		15	SPARE		20 A	1					

0	1.20			1	20 A	RECEPT	J100	16	G		
		0.72	0.00	1	20 A		SPARE	18	--		
				1	20 A		AC106	20			
2	0.89			2	20 A	AC-C1	AV102	22			
		0.36	0.89	--	--	--	--	24	--		
				2	20 A	AC-C2	AV102	26			
0	0.89			--	--	--	--	28	--		
		0.00	0.89	2	20 A	AC-C3	AV102	30			
				--	--	--	--	32	--		
0	2.80			3	30 A	CU-D3	DM105	34			
		0.54	2.80	--	--	--	--	36	--		
				--	--	--	--	38	--		
0	0.00			1	20 A		SPARE	40	--		

2. On panel 12D2, add circuits as follows:

		0.72	0.54			1	20 A	RECEPT	L101	16	
				0.72	1.00	1	20 A	DOOR HW	LV100	18	
	0.50					1	20 A	DOOR HW	LV100	20	
		0.36	0.89			2	20 A	AC-G1	LV100	22	
				0.90	0.89	--	--	--	--	24	--
	0.89					2	20 A	AC-G2	LV100	26	
		0.72	0.89			--	--	--	--	28	--
				0.72	0.89	2	20 A	AC-G3	LV100	30	
	0.89					--	--	--	--	32	--
		1.08	0.00			1	20 A		SPARE	34	

GG. **Drawing Number E-614.**

1. On panel 12F4, add circuits as follows:

	0.36	1.20			1	20 A	POTT...	H103	28		A1
			1.20	1.20	1	20 A	POTT...	H103	30		
0.36					1	20 A	HCUH-C1	CV120	32		
	1.20	0.36			1	20 A	HCUH-C2	CV120	34		
			1.20	0.70	1	20 A	EF-F2	H103B	36		
0.70					1	20 A	EF-KILN-1	H103B	38		
	1.20	0.70			1	20 A	EF-KILN-2	H103B	40		
			0.00	0.00	1	20 A		SPARE	42		

2. On panel 12F5, add circuits and spares as follows:

	4.00	0.60			2	20 A	RECEPT	BAND TOWER PARKING LOT...	22		A1
			4.00	0.60	--	--	--	--	24	--	--
0.70					1	20 A	EF-F4	H105	26		
	4.00	0.70			1	20 A	EF-F5	H103	28		
			4.00	0.70	1	20 A	EF-F5	H101	30		
0.70					1	20 A	EF-F10	H102	32		
	0.36	0.70			1	20 A	EF-F13	H104A	34		
			0.70	0.70	1	20 A	EF-F3	H107	36		
0.70					1	20 A	EF-F9	ER104	38		
	0.36	0.70			1	20 A	EF-F8	E104AA	40		
			0.70	0.70	1	20 A	EF-E1	G106A	42		
0.00					1	20 A		SPARE	44	--	
	0.70	0.00			1	20 A		SPARE	46	--	
			0.00	0.00	1	20 A		SPARE	48	--	
0.00					1	20 A		SPARE	50	--	
	0.00	0.00			1	20 A		SPARE	52	--	--
			0.00	0.00	1	20 A		SPARE	54	--	--
16 kVA	22.12 kVA		23.08 kVA								

--	31	--	--	--	--	4.00	0.70				
	33	ROOF UNIT E	RECEPT	20 A	1			0.36	0.70		
	35	G108	EF-F3	20 A	1					0.70	0
	37	GV113	HCUH-E2	20 A	1	0.36	0.70				
	39	VEST. UNIT F	HCUH-E1	20 A	1			0.36	0.70		
	41	H109	EF-F1	20 A	1					0.70	0
	43	ER111	EF-F11	20 A	1	0.70	0.00				
	45	HR112	EF-F12	20 A	1			0.70	0.00		
--	47	SPARE		20 A	1					0.00	0
--	49	SPARE		20 A	1	0.00	0.00				
--	51	SPARE		20 A	1			0.00	0.00		
--	53	SPARE		20 A	1					0.00	0
				TOTAL LOAD:		29.16 kVA		22.12 kVA		23.08 k	
				TOTAL AMPS:		245 A		184 A		199 A	

3. On panel 12F6, change circuits as follows:

0.72					1	20 A	RECEPT	E106A	14		
	0.72	0.90			1	20 A	RECEPT	E102	16		A1
			0.72	0.00	1	20 A		SPARE	18	—	
0.72					1	20 A	RECEPT	E104	20		
	1.00	0.90			1	20 A	RECEPT	E104	22		
			0.90	0.36	1	20 A	RECEPT	E108E	24		A1
0.00					1	20 A		SPARE	26	—	
	0.90	0.00			1	20 A		SPARE	28	—	
			0.54	0.00	1	20 A		SPARE	30	—	
0.00					1	20 A		SPARE	32	—	
	0.18	0.36			1	20 A	RECEPT	E104	34		
			0.00	0.36	1	20 A	RECEPT	E106	36		

HH. **Drawing Number E-615.**

1. On panel 12F8, add circuits as follows:

	2.00	0.18	1	20 A	RECEPT	L222	6		
			1	20 A	RECEPT	L222	8		A1
2.80			3	30 A	CU-F1	EM102	10		
	2.00	2.80	--	--	--	--	12	--	
			--	--	--	--	14	--	
0.00			1	20 A		SPARE	16		

2. On panel 2L14, add circuits as follows:

	0.00	1.20	1	20 A	LIGHTING	EM214	24		
			1	20 A	CP F1	EM214	26		A1
0.67			1	20 A	HPUH-F3	EM214	28		
	0.00	0.00	1	20 A		SPARE	30		

3. On panel 2L16, add circuits as follows:

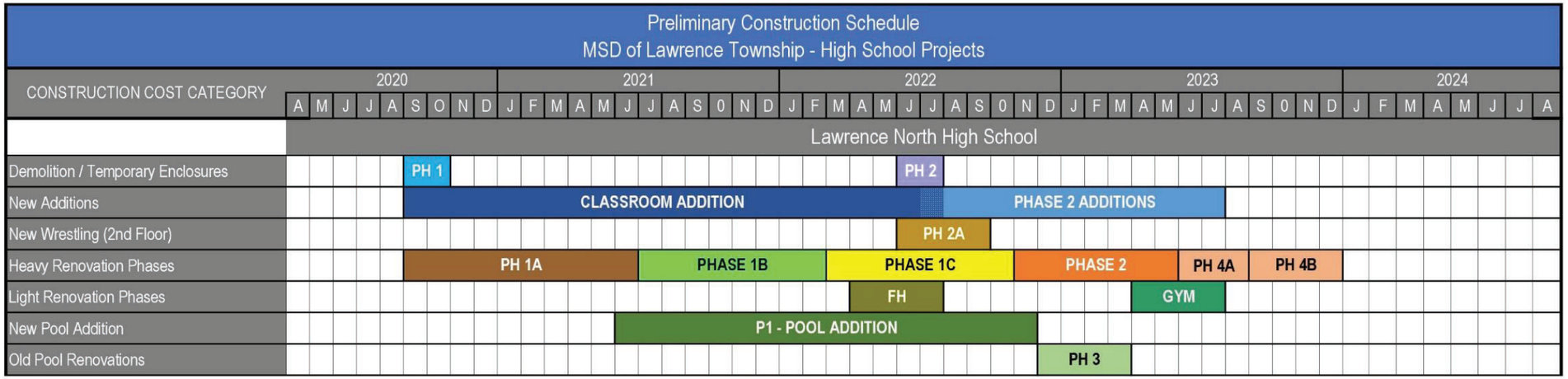
11	MECH RM UNIT F	CP F2	20 A	1					0.70	0.
13	MECH RM UNIT F	CP F4	20 A	1	0.63	0.00				
15	MECH RM UNIT F	HPUH-F1	20 A	1			0.67	0.00		
17	MECH RM UNIT F	HPUH-F2	20 A	1					0.67	0.
19	SPARE		20 A	1	0.00	0.00				
21	SPARE		20 A	1			0.00	0.00		

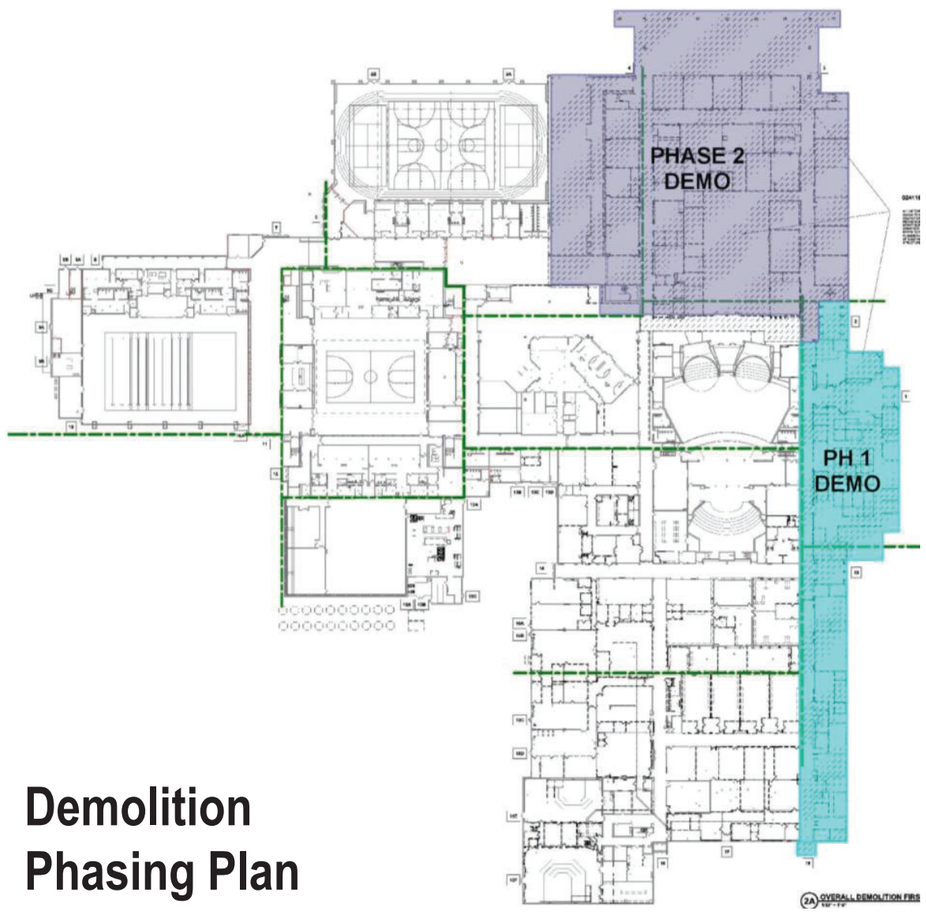
II. **Drawing Number E-616.**

1. On panel 12DLS1, add circuits as follows:

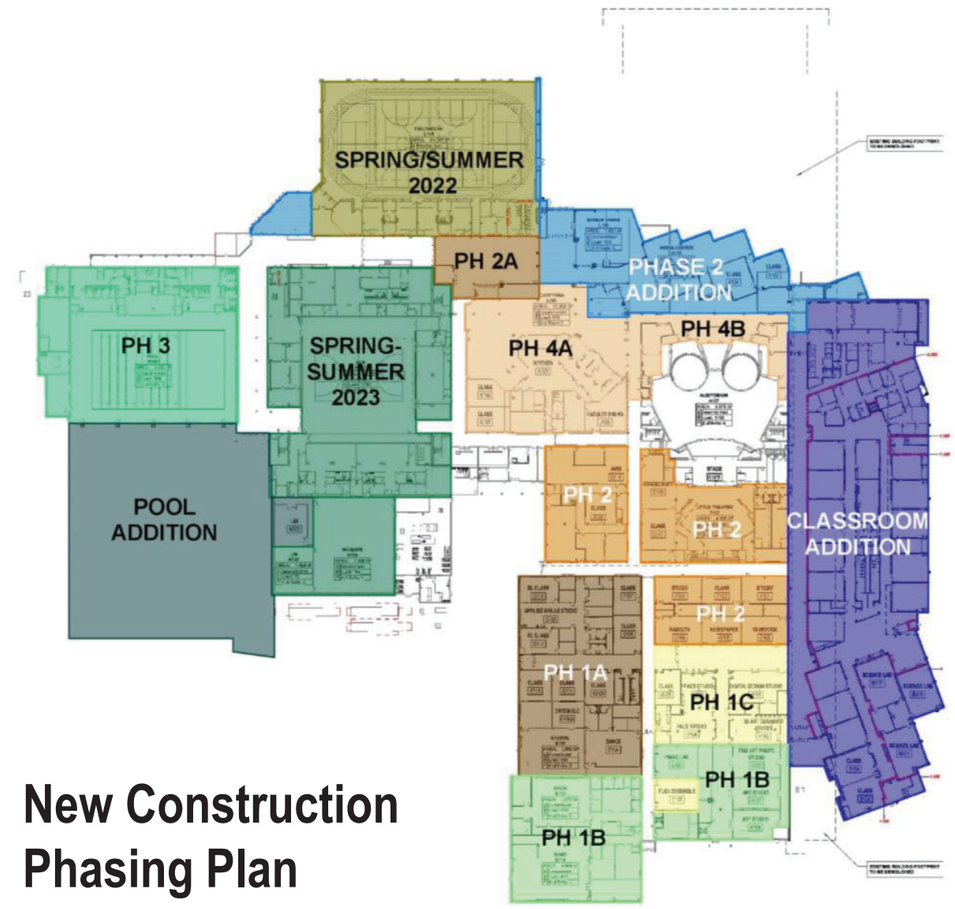
2.70					3	100 A	PANEL	12ALS1	26	—	
	0.00	1.00			—	—	—	—	28	—	—
			0.00	0.50					30		—
2.11					3	30 A	CU-D1	DM103	32		
	0.00	2.11			—	—	—	—	34	—	—
			0.00	2.11	—	—	—	—	36	—	—
2.11					3	30 A	CU-D2	DM103	38		—
	0.00	2.11			—	—	—	—	40	—	—
			0.00	2.11	—	—	—	—	42	—	—
0.00					1	20 A		SPARE	44		
	0.00	0.00			1	20 A		SPARE	46		

END OF ADDENDUM 1

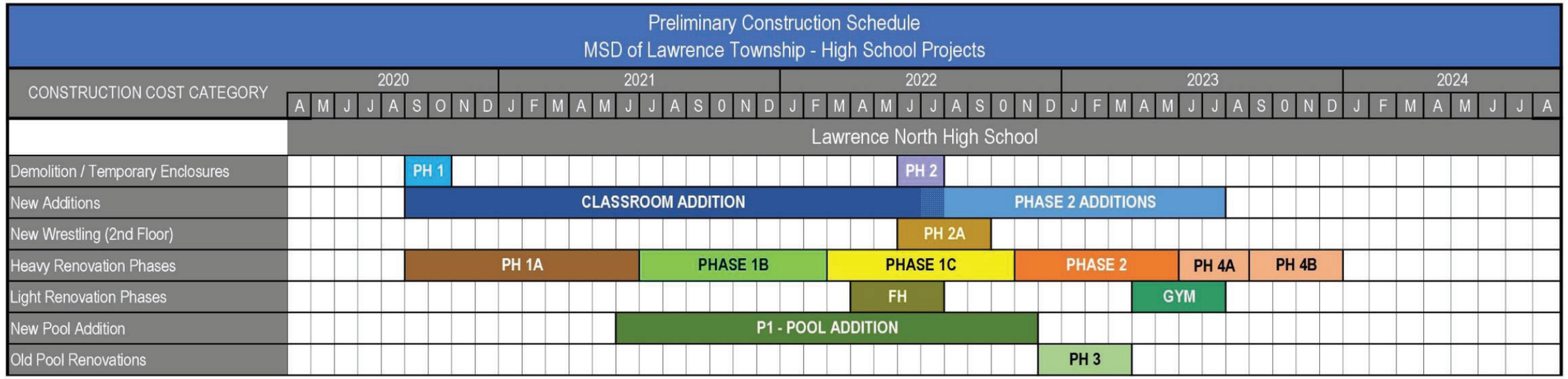


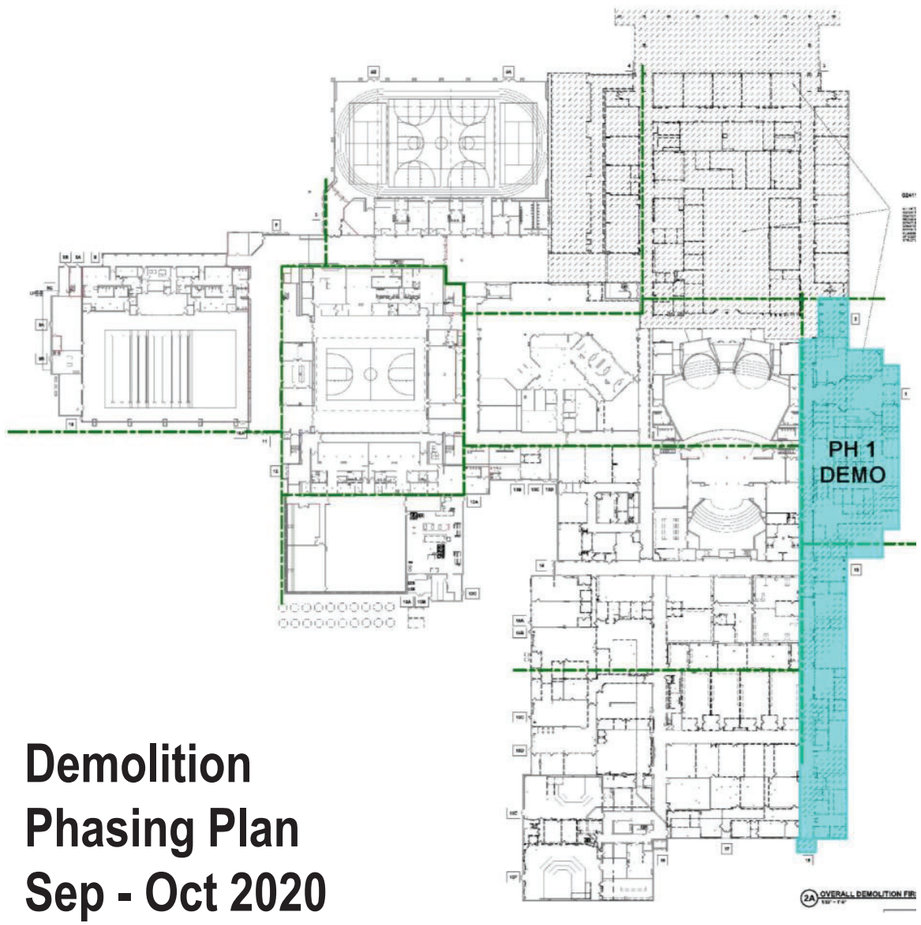


Demolition Phasing Plan

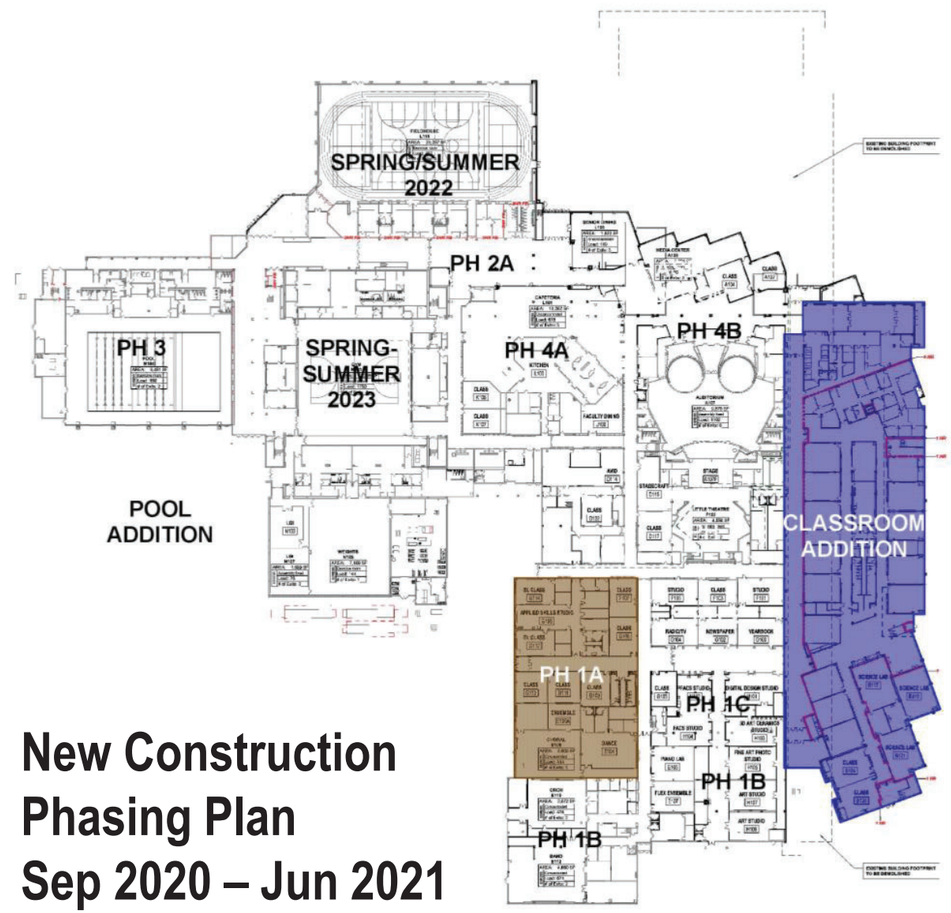


New Construction Phasing Plan

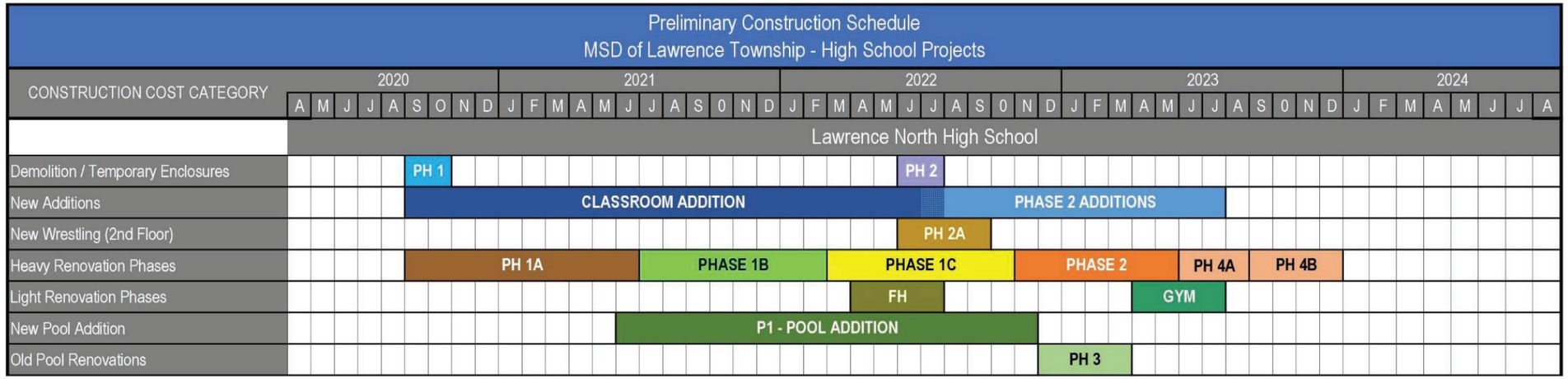


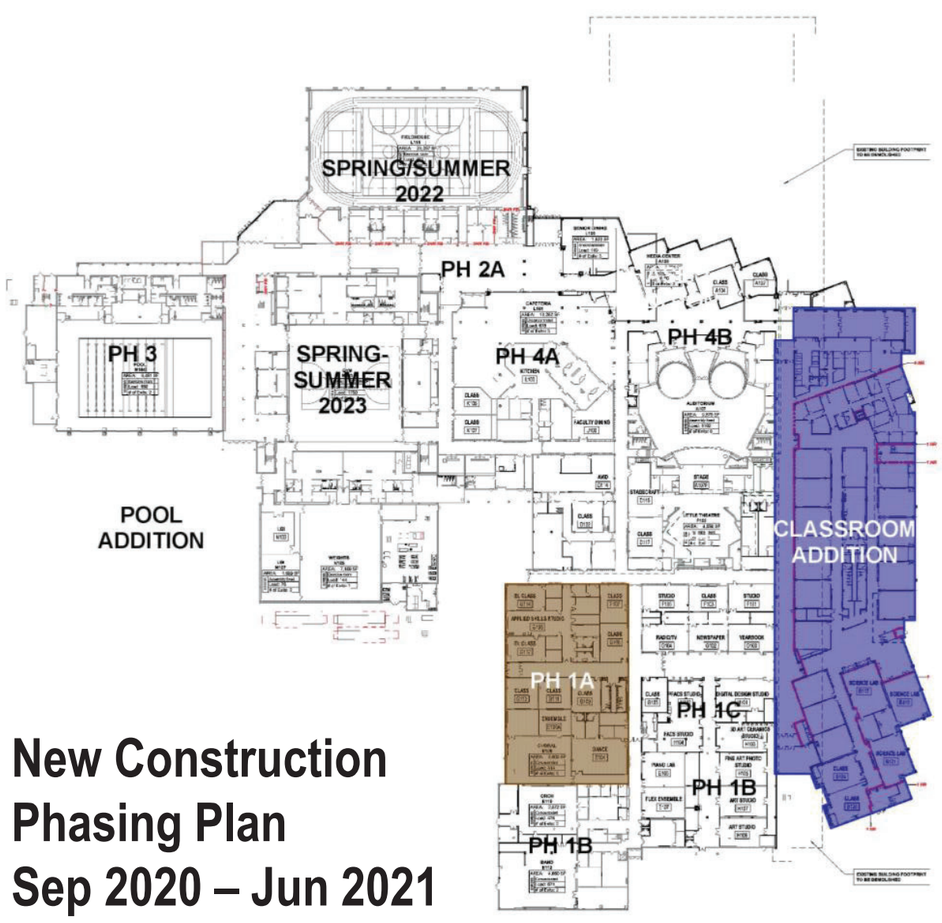


Demolition Phasing Plan Sep - Oct 2020

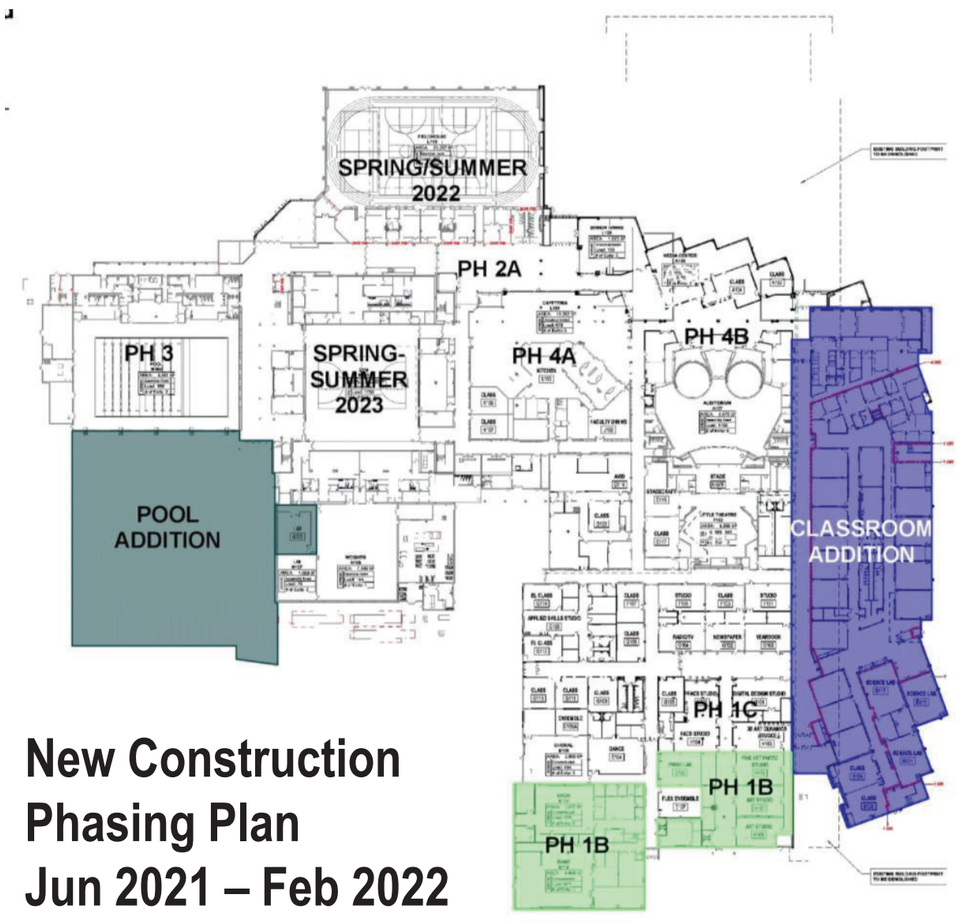


New Construction Phasing Plan Sep 2020 – Jun 2021





New Construction Phasing Plan
Sep 2020 – Jun 2021



New Construction Phasing Plan
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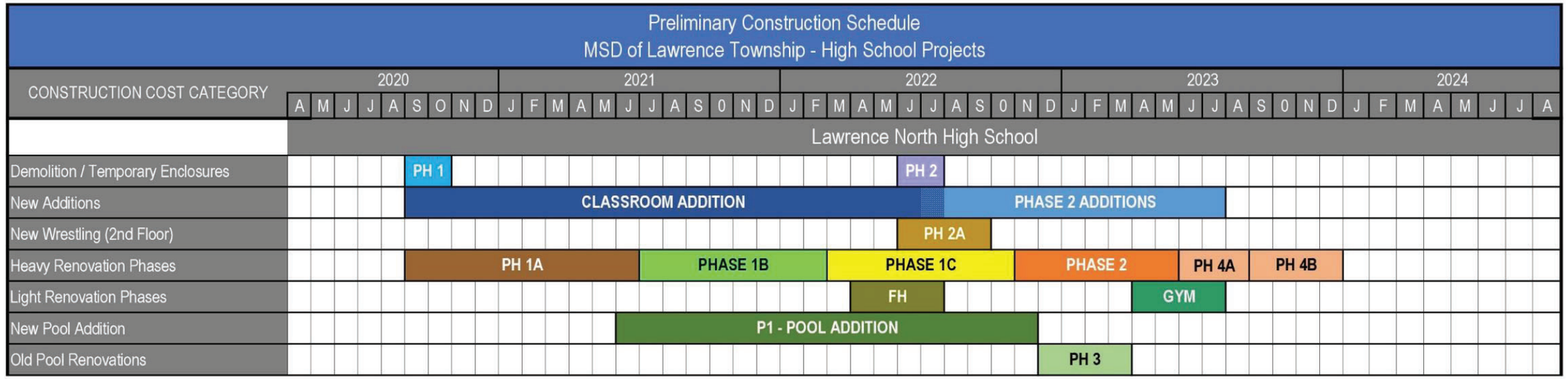
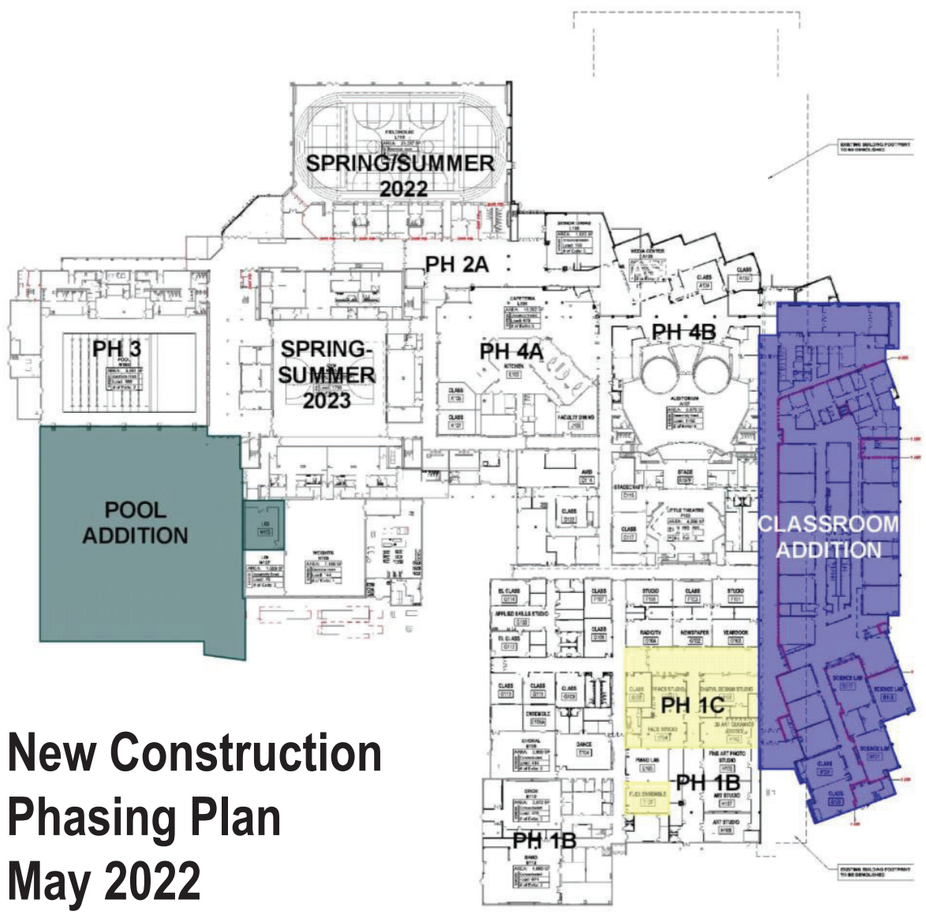
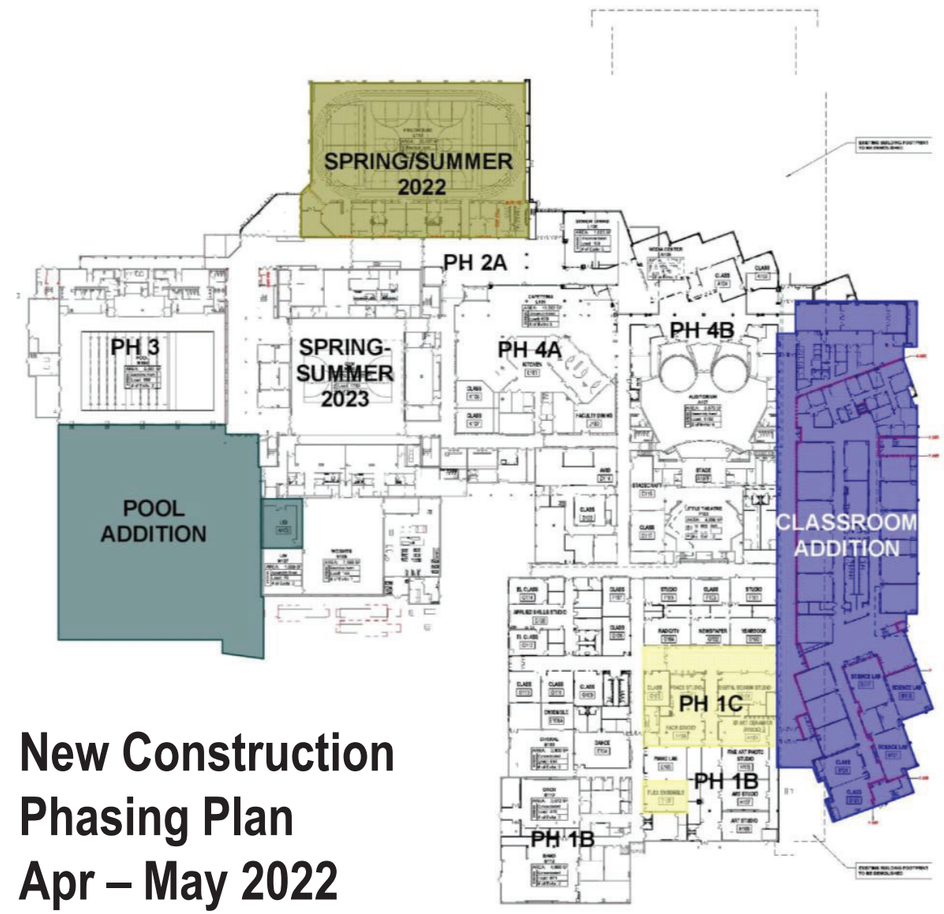




New Construction Phasing Plan May 2022



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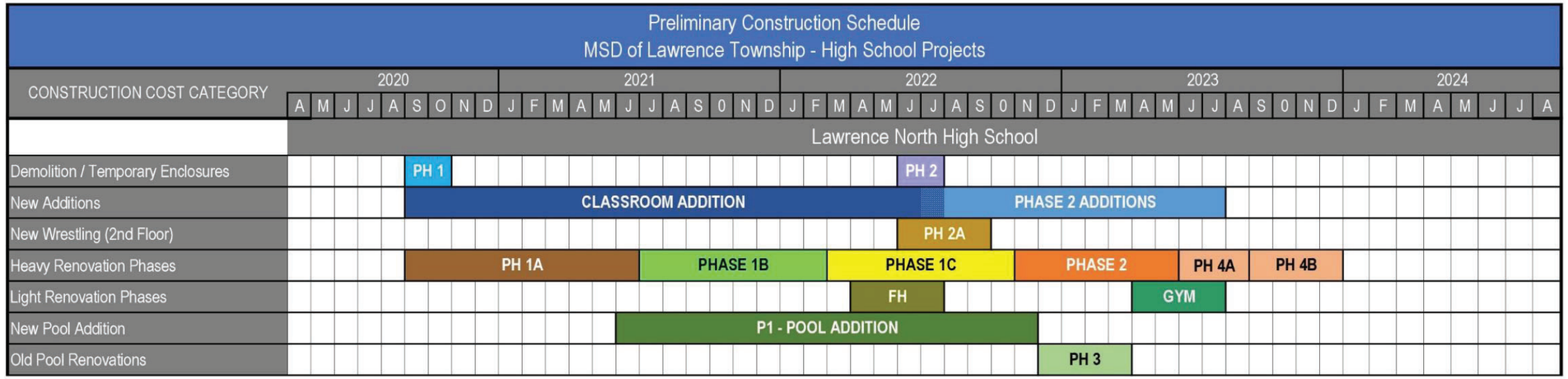
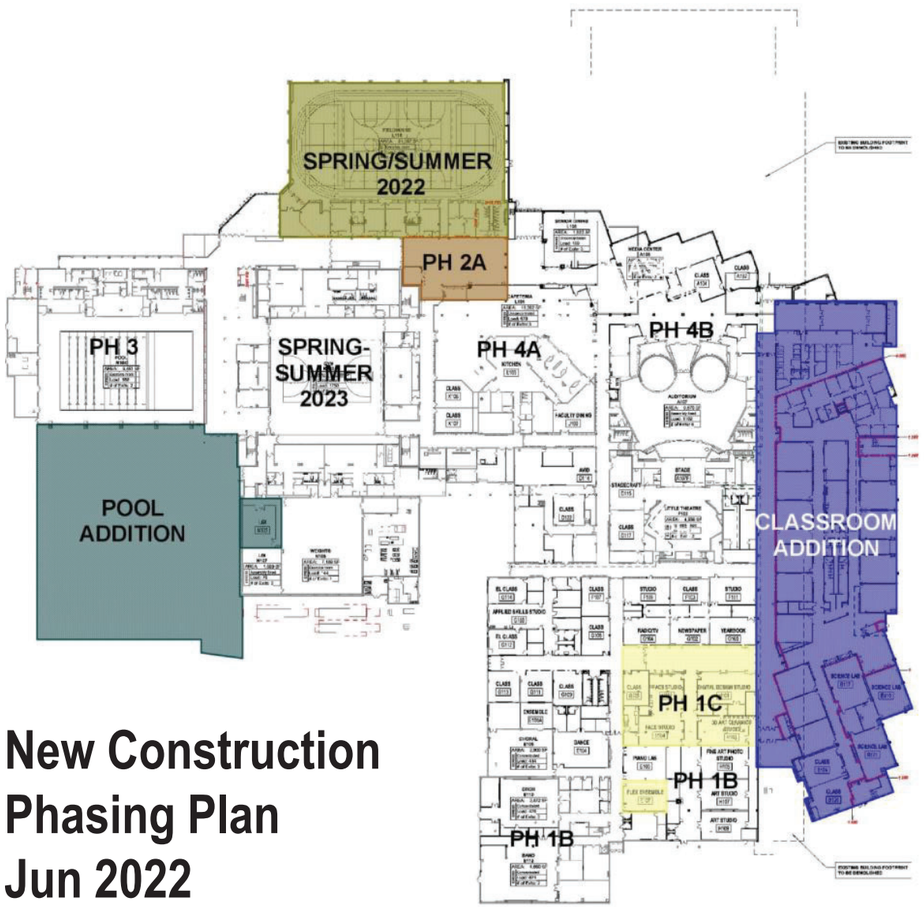
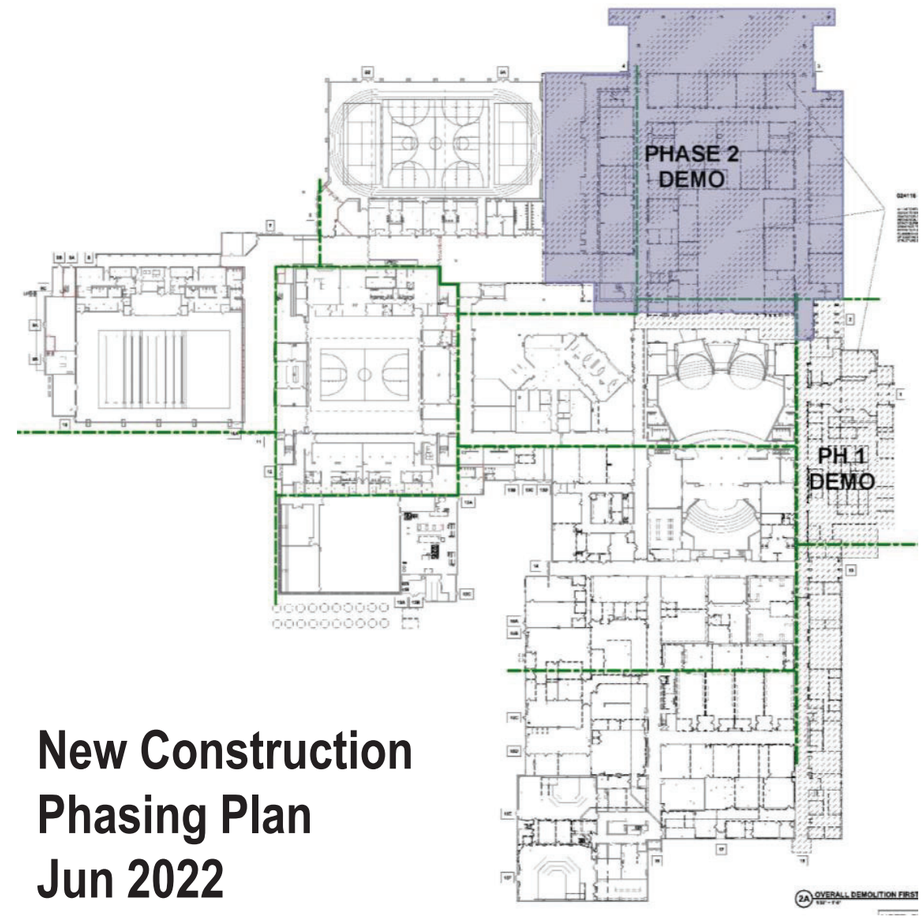




New Construction Phasing Plan Jun 2022



New Construction Phasing Plan Jun 2022