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DRAWING ISSUE

08.25.2023 PRICING SET
 01.04.2024 PERMIT SET
 03.22.2024 BID SET

#	DATE	DESCRIPTION
A	04/02/2024	Addendum A

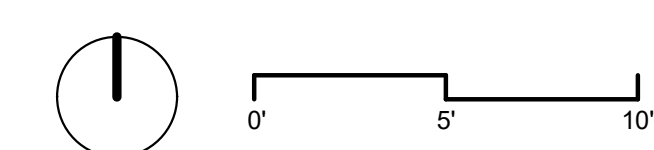
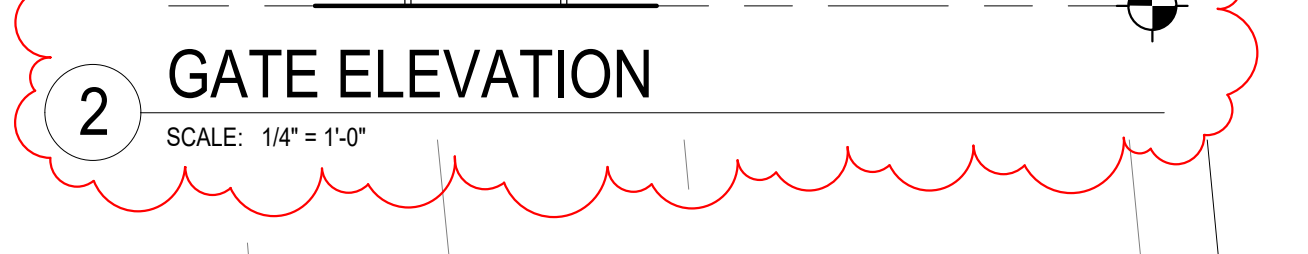
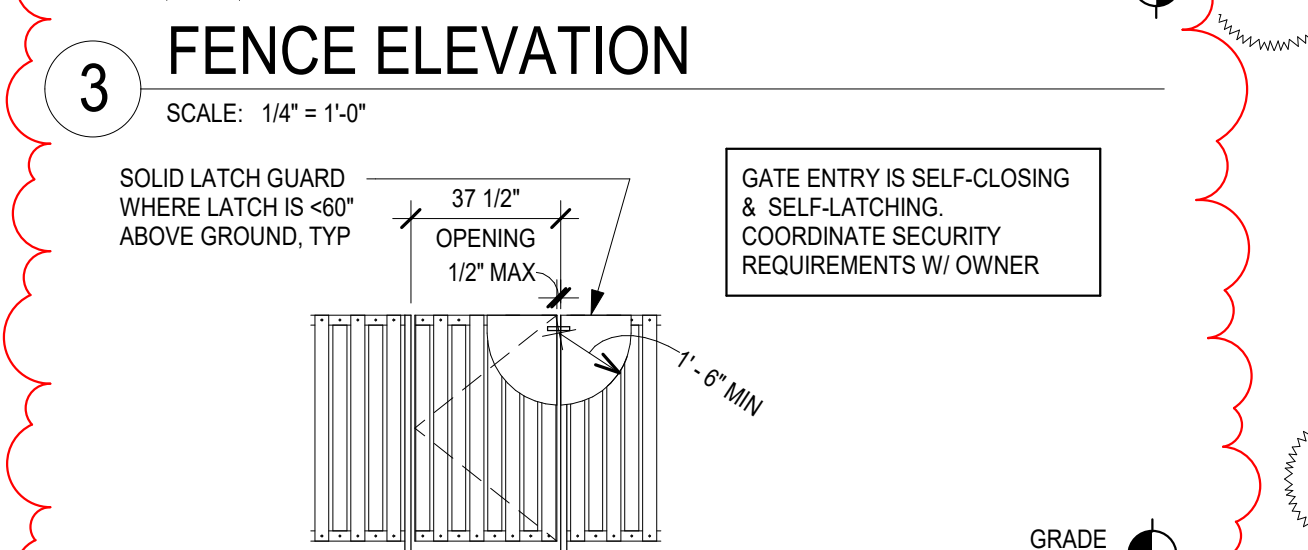
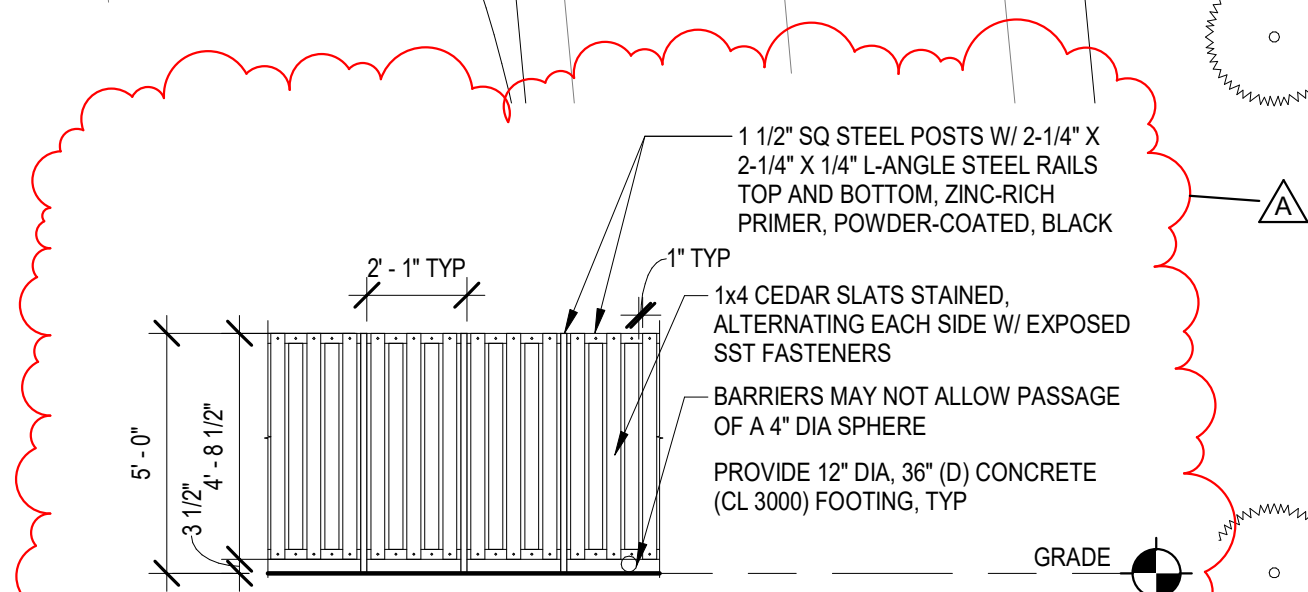
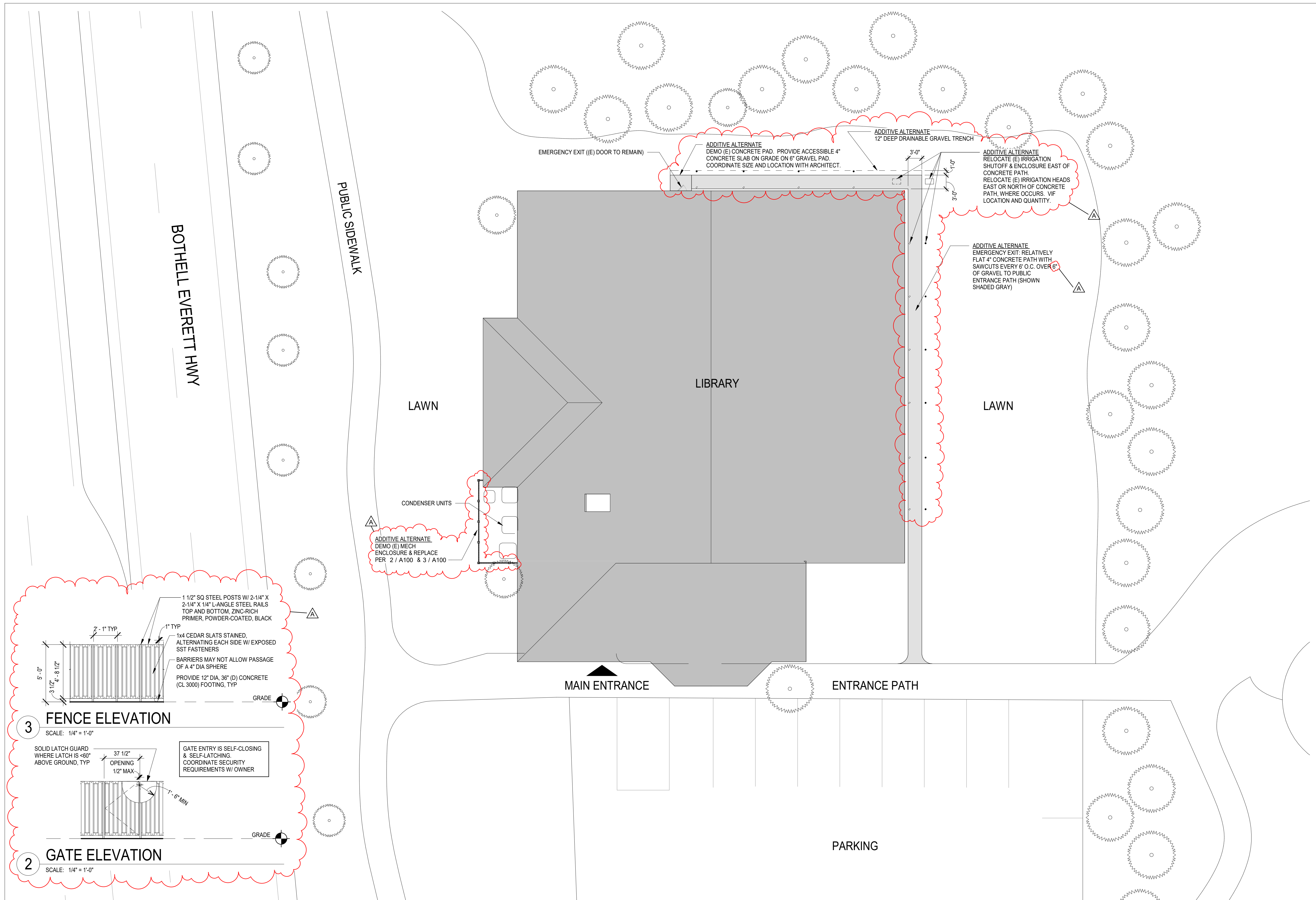
SHEET TITLE

SITE PLAN

SHEET NO.

A100

Drawn SL
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AIR HANDLING UNIT SCHEDULE

EQUIP. NO	LOCATION	SERVICE	BASIS OF DESIGN		SUPPLY AIR (CFM)	MIN OUTSIDE AIR (CFM)	SUPPLY AIR FAN				COOLING COIL						OPERATING WEIGHT (LBS)	REMARKS				
			MANUFACTURER	SERIES			QTY	EXT SP (N WG)	MOTOR (BHP) EACH	RPM	DRIVE	COOLING LOAD		EAT		LAT						
												TOTAL (MBH)	SENSIBLE (MBH)	DB (DEG F)	WB (DEG F)	DB (DEG F)			WB (DEG F)	MCA	MOCP	V/PH/Hz
AHU-01	MAIN SPACE	MAIN SPACE	CARRIER	FV4C	2000	600	1	0.9	0.75	1050	DIRECT	54.4	49.3	80	67	59.4	58	10	15	208/1/60	210	1,2,3
AHU-02	MAIN SPACE	MAIN SPACE	CARRIER	FV4C	2000	600	1	0.9	0.75	1050	DIRECT	54.4	49.3	80	67	59.4	58	10	15	208/1/60	210	1,2,3
AHU-03	MECH ROOM	MAIN SPACE	CARRIER	FV4C	1900	-	1	0.9	0.75	1050	DIRECT	54.4	49.3	80	67	59.4	58	10	15	208/1/60	210	2,3
AHU-04	MECH ROOM	STAFF	CARRIER	FV4C	600	250	1	0.9	0.5	VAR.	DIRECT	21.2	15.9	80	67	56.2	55	4	15	208/1/60	210	2,3

REMARKS:
 1. PROVIDE CONDENSATE PUMP. BASIS OF DESIGN: SAURERMANN SI-33
 2. PROVIDE VARIABLE FREQUENCY DRIVES
 3. PROVIDE (BACNET IP)(LON WORKS) CONTROL INTERFACE

ELECTRIC UNIT HEATER SCHEDULE

EQUIP. NO	LOCATION	BASIS OF DESIGN		TYPE	FAN AIRFLOW (CFM)	ELECTRICAL			OPERATING WEIGHT (LBS)	REMARKS
		MANUFACTURER	SERIES			W	MCA	V		
UH-01	RESTROOM 104	KING	PAW1215	FAN	75	250	2.1	120	9.5	1
UH-02	RESTROOM 103	KING	PAW1215	FAN	75	250	2.1	120	9.5	1
UH-03	RESTROOM 102	KING	PAW1215	FAN	75	250	2.1	120	9.5	1
UH-04	RESTROOM 114	KING	PAW1215	FAN	75	250	2.1	120	9.5	1

REMARKS:
 1. PROVIDE WITH INTEGRAL THERMOSTAT.

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

EQUIP. NO	LOCATION	SERVICE	BASIS OF DESIGN		COOLING CAPACITY			HEATING CAPACITY			ELECTRICAL DATA					OPERATING WEIGHT (LBS)	REMARKS
			MANUFACTURER	SERIES	TOTAL COOLING LOAD (MBH)	OA DESIGN TEMP (DEG F)	EER	TOTAL HEATING LOAD (MBH)	OA DESIGN TEMP (DEG F)	COP/ HSPF	CONDENSER FAN MOTOR (FLA)	COMPRESSOR (KW)	MCA	MOCP	V/PH/Hz		
HP-1	EXTERIOR	MAIN AREA	CARRIER	25TPA760A003	60	86	12	52	47	3.5	1.5	4.67	35.1	60	208/1/60	295	1,2
HP-2	EXTERIOR	MAIN AREA	CARRIER	25TPA760A003	60	86	12	52	47	3.5	1.5	4.67	35.1	60	208/1/60	295	1,2
HP-3	EXTERIOR	MAIN AREA	CARRIER	25TPA760A003	56	86	12	52	47	3.5	1.5	4.67	35.1	60	208/1/60	295	1
HP-4	EXTERIOR	STAFF	CARRIER	25TPA724A003	16.4	86	12.5	14.6	47	3.9	0.6	2.13	16.2	25	208/1/60	230	1

REMARKS:
 1. PROVIDE MOUNTING PAD 2" ABOVE FINISHED GRADE AND 4" LARGER THAN FOOTPRINT OF EQUIPMENT ON ALL SIDES.
 2. PROVIDE LONG LINE ACCESSORIES.

EXHAUST FAN SCHEDULE

EQUIP. NO.	LOCATION	BASIS OF DESIGN		TYPE	VOLUME	STATIC PRESSURE	DRIVE TYPE	FAN RPM	MOTOR			VFD YES/NO	OPERATING WEIGHT (LBS)	REMARKS
		MANUFACTURER	SERIES						CFM	INCHES W.G.	WATTS			
EF-01	RESTROOM 104	PANASONIC	WHISPERSENSE	FV-051VQC1	80	0.25	ECM	-	10.8	1172	120/1/60	NO	9.3	1,2,3
EF-02	RESTROOM 103	PANASONIC	WHISPERSENSE	FV-051VQC1	80	0.25	ECM	-	10.8	1172	120/1/60	NO	9.3	1,2,3
EF-03	RESTROOM 102	PANASONIC	WHISPERSENSE	FV-051VQC1	80	0.25	ECM	-	10.8	1172	120/1/60	NO	9.3	1,2,3
EF-04	RESTROOM 114	PANASONIC	WHISPERSENSE	FV-051VQC1	80	0.25	ECM	-	10.8	1172	120/1/60	NO	9.3	1,2,3

REMARKS:
 1. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS
 2. ELECTRICAL TO PROVIDE DISCONNECT SWITCH.
 3. PROVIDE FV-WCD01-W WHISPERCONTROL TIMER SWITCH.

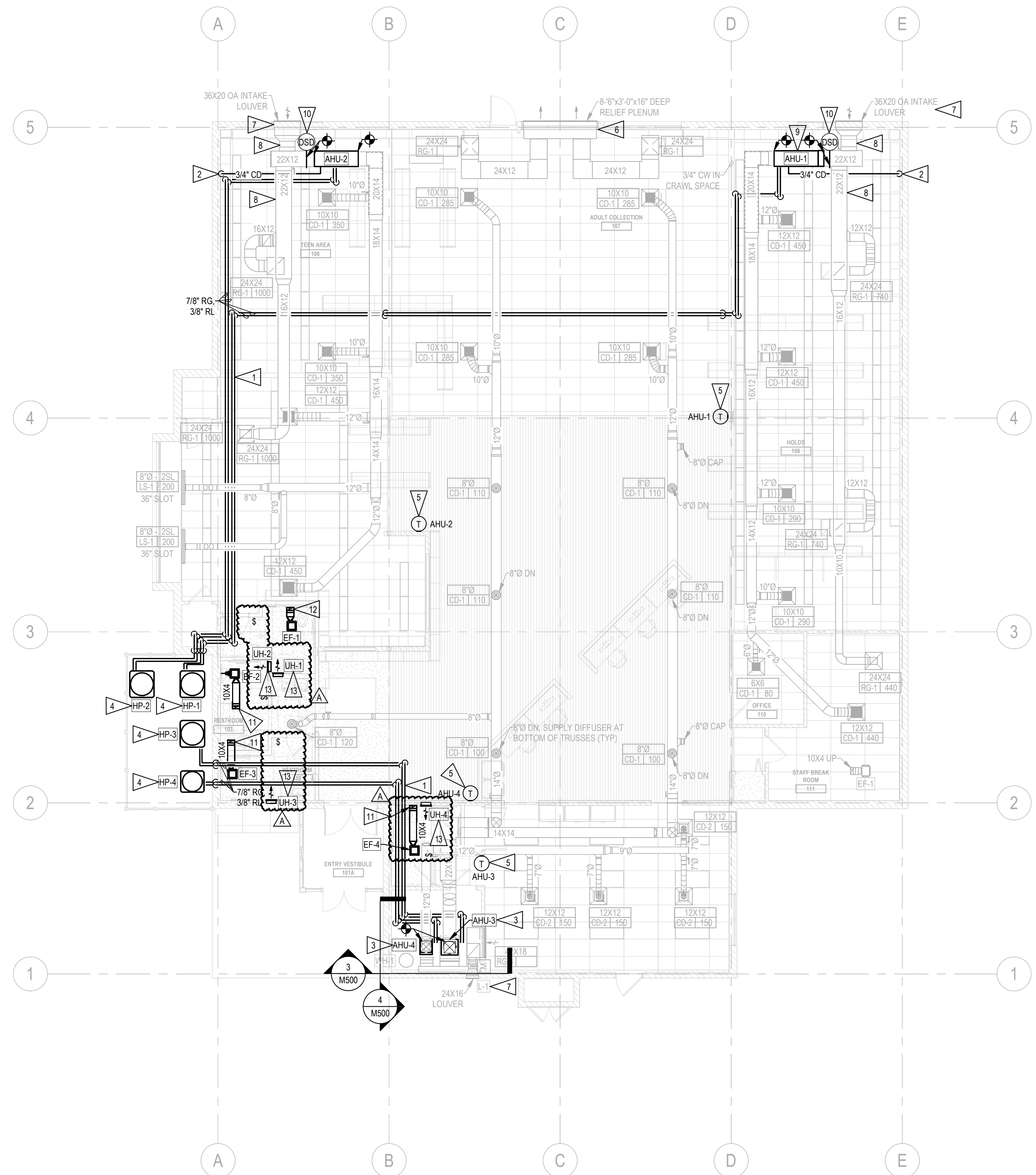
PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	ROUGH-IN CONNECTION IN					REMARKS
		W	V	CW	HW	TW	
FD-1	FLOOR DRAIN	2	1-1/2	--	--	--	ZURN MODEL #Z415B, CAST IRON BODY, 5" DIAMETER ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH 1/2" TRAP PRIMER CONNECTION.
L-1	LAVATORY, UNDERMOUNTED	1-1/4	1-1/4	1/2	1/2	--	KOHLER MODEL K-2882-0, 19-3/4" X 15-5/8" VITREOUS CHINA UNDERMOUNT LAVATORY, MODEL K-8998 P-TRAP. BOBRICK B-8878 COUNTERMOUNTED POLISHED CHROME AUTOMATIC BATTERY POWERED FAUCET, ADA COMPLIANT TOUCH FREE SENSOR.
WC-1	WATER CLOSET, FLOOR MOUNTED FLUSH VALVE TYPE	4	2	1	--	--	TOTO MODEL CT795LN, ELONGATED FLOOR MOUNTED FLUSH VALVE TOILET, CERAMIC, 1.28 GPF HIGH EFFICIENCY, ADA COMPLIANT, FLOOR MOUNTED, BOTTOM OUTLET WITH SIPHON JET FLUSHING ACTION. TOTO TET1LA ECOPOWER8B CHROME PLATED FLUSHOMETER VALVE, 1.28 GPF, DUAL SEAL DIAPHRAGM WITH A CLOG RESISTANT FILTERED BY-PASS, ADA COMPLIANT, HIGH BACK PRESSURE VACUUM BREAKER, ONE PIECE HEX COUPLING NUT, ADJUSTABLE TAIL-PIECE, SPUD COUPLING AND FLANGE FOR TOP SPUD CONNECTION

REMARKS:
 1. COORDINATE MOUNTING HEIGHTS AND HANDING WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS.
 2. MANUFACTURER LISTED IS BASIS OF DESIGN. PROVIDE LISTED OR EQUAL APPROVED BY OWNER.



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1	08.25.2023 PRICING SET
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A	04.02.2024 ADDENDUM A



1 LEVEL 01 - HVAC PLAN

SHEET NOTES

A. PLANS ARE DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ACTUAL REAL CONDITIONS AND COORDINATING WITH OTHER TRADES.

FLAG NOTES #

1. PROVIDE REFRIGERANT PIPING FOLLOWING THE ROUTING OF THE DEMOLISHED REFRIGERANT PIPING.
2. PROVIDE CONDENSATE PIPING FOLLOWING THE ROUTING OF THE DEMOLISHED CONDENSATE PIPING TO THE SAME TERMINATION POINT.
3. PROVIDE CONDENSATE PIPING TO TERMINATE AT THE EXISTING FLOOR DRAIN.
4. PROVIDE HOUSEKEEPING PAD FOR HEAT PUMP UNITS.
5. PROVIDE BELIMO TEMPERATURE SENSOR AND ASSOCIATED WIRING TO DEDICATED AIR HANDLING UNIT.
6. AIR BALANCE AND ADJUST BAROMETRIC DAMPER AND CALIBRATE THE SETTING TO 0.05" SP FOR PROPER BUILDING PRESSURE.
7. AIR BALANCE AND ADJUST VOLUME DAMPER FOR SCHEDULED OSA CFM.
8. PROVIDE MOTORIZED VOLUME DAMPER FOR OSA AND RETURN DUCT TO PROVIDE ECONOMIZER OPERATION.
9. USE EXISTING EQUIPMENT SUPPORT ANCHORS AND RODS FOR THE NEW UNIT. THE NEW UNIT HAS AN OPERATING WEIGHT OF 207 LBS. THE OLD UNIT HAD AN APPROXIMATE OPERATING WEIGHT OF 232 LBS.
10. PROVIDE DUCT SMOKE DETECTOR.
11. UTILIZE EXISTING ROOF CAP.
12. PROVIDE ROOF CAP FOR RESTROOM EXHAUST FAN.
13. COORDINATE WITH ELECTRICAL TO PROVIDE POWER TO ELECTRIC UNIT HEATERS ON THE SAME CIRCUIT.

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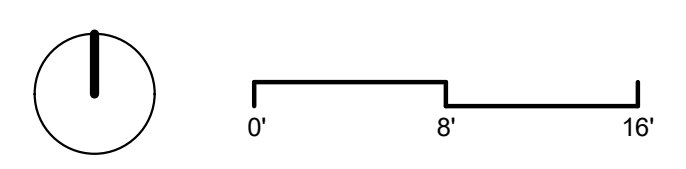
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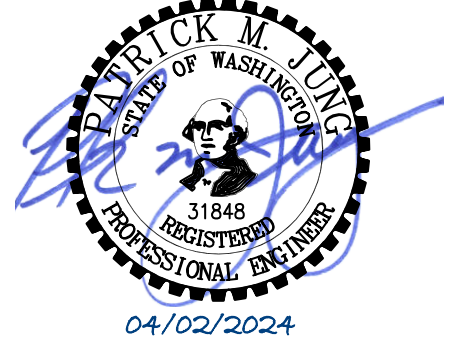
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SHEET TITLE
**LEVEL 1
MECHANICAL HVAC
PLAN**

SHEET NO.
M201

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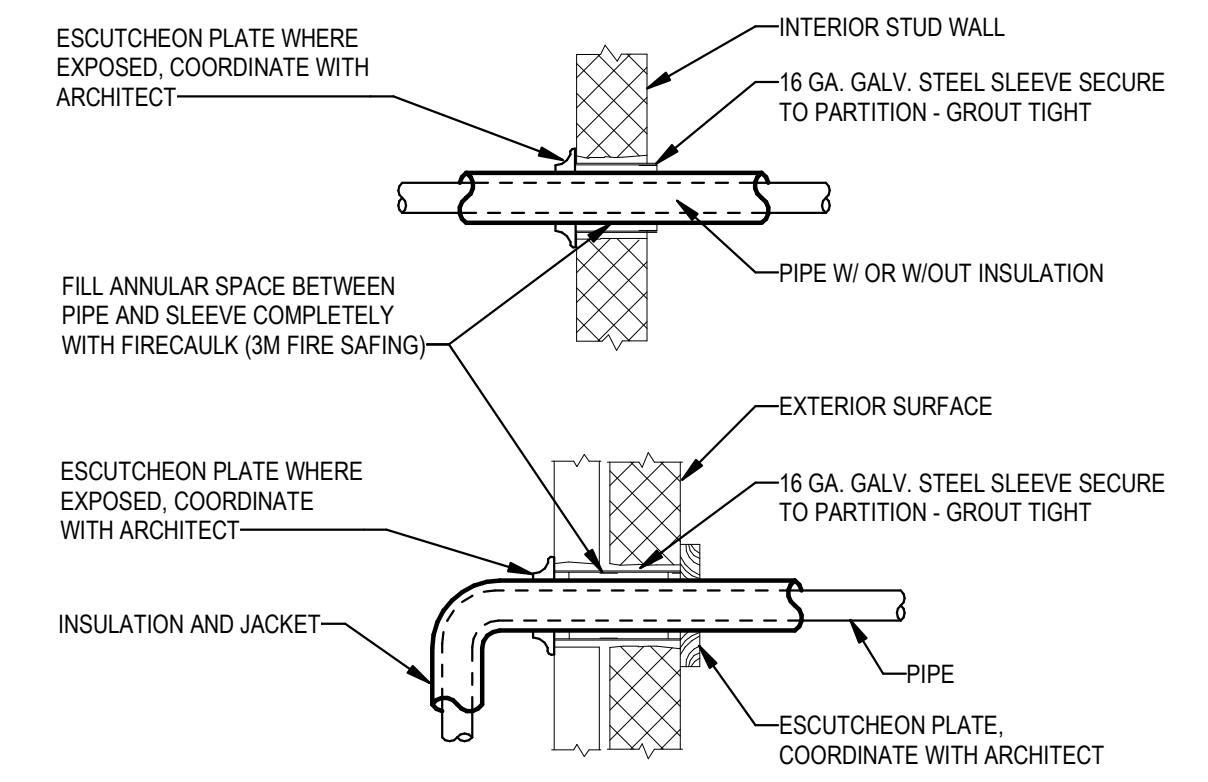
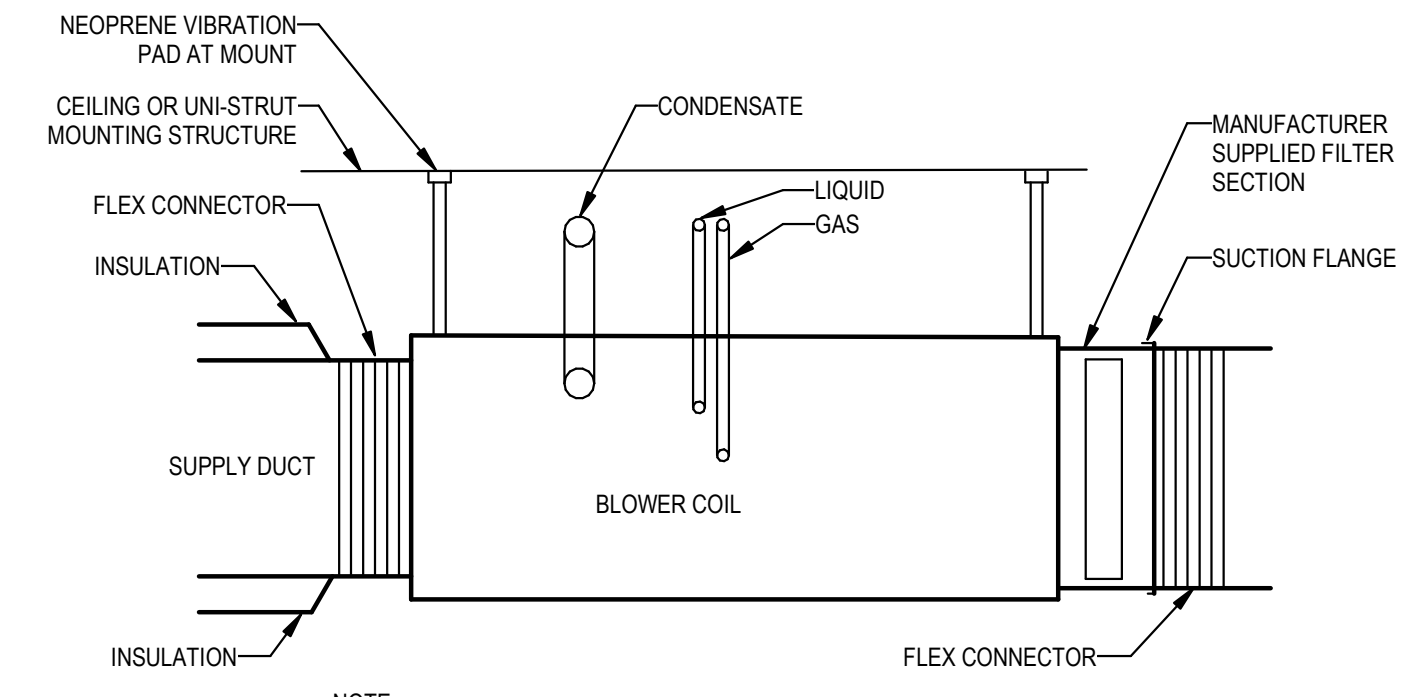
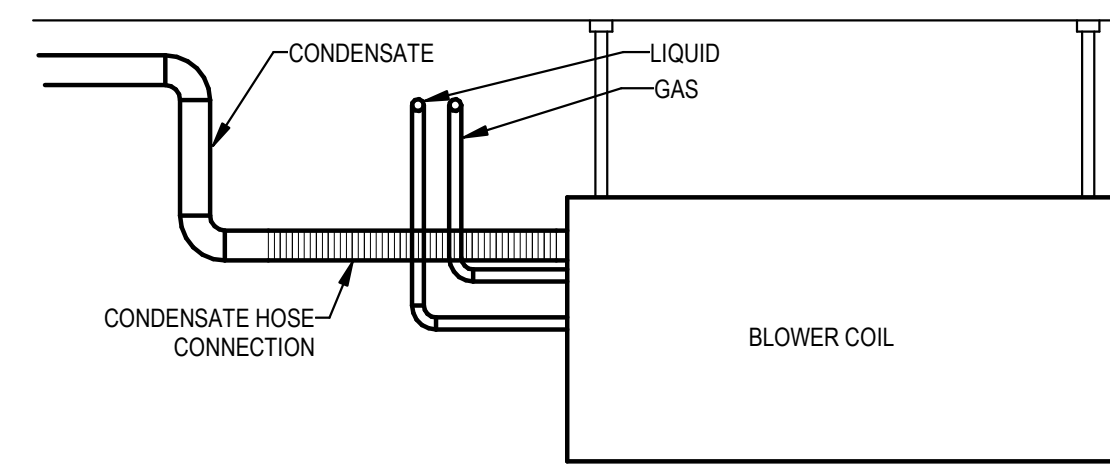
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SHEET TITLE
**MECHANICAL
DETAILS**

SHEET NO.
M700

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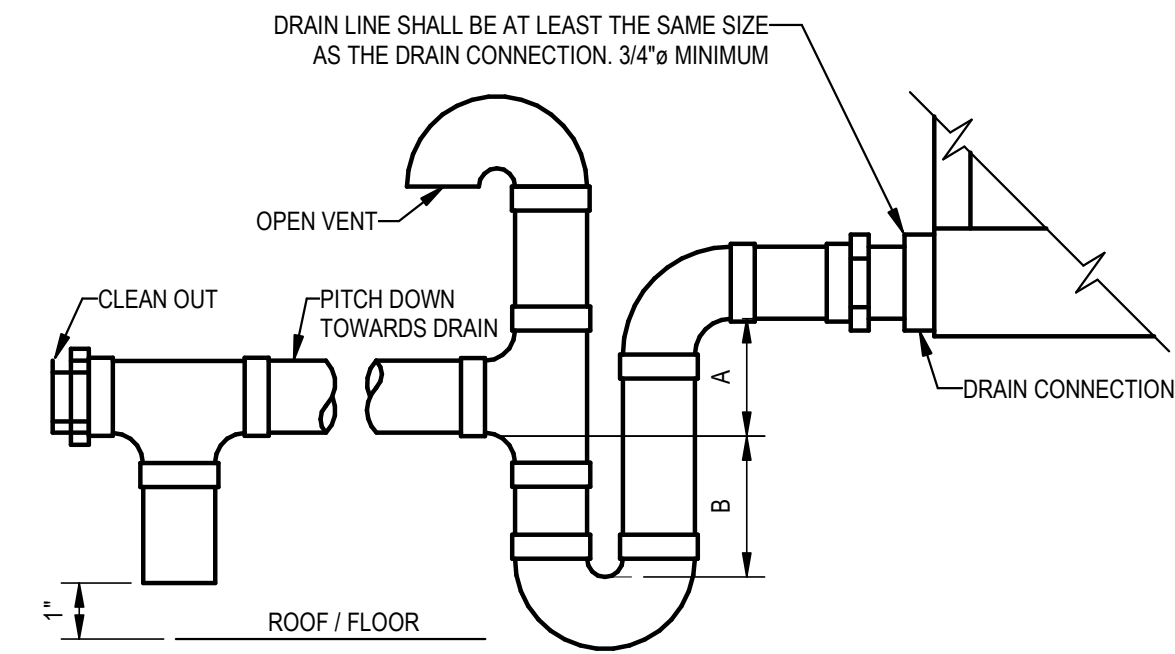


- GENERAL
 - THE SPLIT SYSTEM HEAT PUMP CONSISTS OF AN AIR HANDLING UNIT (AHU) AND AN OUTDOOR HEAT PUMP (HP), INTERLOCKED WITH THEIR RESPECTIVE FAN COIL UNITS.
- OCCUPANCY SPACE CONDITIONING
 - THE HP IS TO ADJUST THE HEATING OR COOLING AS REQUIRED TO MAINTAIN THE SPACE TEMPERATURE SETPOINT.
 - THE AHU SUPPLY FAN IS TO BE ON, AND RUN EVEN IF COOLING OR HEATING IS NOT REQUIRED TO MAINTAIN CONTINUOUS VENTILATION.
 - A FIVE DEGREE DEADBAND MUST BE PROGRAMMED BETWEEN COOLING AND HEATING SETPOINTS PER ENERGY CODE.
 - WHEN OUTSIDE AIR CONDITIONS ARE IDEAL, THE ECONOMIZER SHALL UTILIZE THE MIXED AIR TEMPERATURE CONTROL TO DELIVER MIXED AIR TEMPERATURE EQUAL TO SUPPLY AIR TEMPERATURE WITHOUT ANY HEATING OR COOLING STAGES ENABLED (AHU-1 & 2 ONLY).
- UNOCCUPIED SPACE CONDITIONING
 - THE SPACE TEMPERATURE SETPOINT WILL REMAIN THE SAME BUT, THE DEADBAND WILL BE INCREASED TO 85 DEGREES F COOLING AND 55 DEGREES F HEATING, OR PER ENERGY CODE.
 - THE PROGRAMMABLE BELIMO TEMPERATURE SENSOR, SHALL BE CAPABLE OF OCCUPANCY OVERRIDE TO ENABLE THE HP TO OPERATE IN UNOCCUPIED MODE BY PRESSING A BUTTON ON THE TEMPERATURE SENSOR. A PRE-SET OVERRIDE TIME PERIOD OF 2 HOURS (ADJUSTABLE) WILL RUN THE HP AS THOUGH IT WERE WITHIN THE OCCUPIED PERIOD UNTIL THE END OF THE OVERRIDE PERIOD WHEN THE HP WILL SHUT DOWN. RE-PRESSING THE BUTTON WILL CREATE A SECOND OVERRIDE PERIOD.
- OPTIMUM START
 - OPTIMUM START PREDICTS THE CLOSEST TIME THAT THE UNIT CAN BE ENABLED AND HEATING OR COOLING OPERATED SO THAT ROOM TEMPERATURE SETPOINT IS REACHED AT THE START OF THE OCCUPIED PERIOD, AND IS BASED ON THE PREVIOUS FIVE DAYS LOGS. MORNING WARMUP AND COOL DOWN ARE THE HEATING AND COOLING ELEMENTS OF OPTIMUM START.
 - MORNING WARMUP / COOL DOWN
 - IN WARMUP, CLOSE THE FRESH AIR DAMPER, ENABLE THE AHU SUPPLY FAN, AND ACTIVATE THE MAXIMUM HEATING. OPERATE UNDER THESE SETTINGS UNTIL THE ROOM TEMPERATURE IS EQUAL TO THE ROOM TEMPERATURE SETPOINT.
 - IN COOL DOWN, OPEN THE FRESH AIR DAMPER 100% AND ENABLE THE AHU SUPPLY FAN. THE HP SHALL OPERATE IN COOLING ONLY MODE. OPERATE UNDER THESE CONDITIONS UNTIL THE ROOM TEMPERATURE OF THE SPACE SERVED BY THIS RTU IS EQUAL TO THE ROOM TEMPERATURE SETPOINT.
- OPTIMUM STOP
 - NEAR THE END OF THE OCCUPIED PERIOD INITIATE OPTIMUM STOP BY DISABLING HEATING OR COOLING OPERATION AT THE EARLIEST POSSIBLE TIME FROM THE END OF THE OCCUPIED PERIOD (MAXIMUM TIME LAPSE) FOR THAT DAY SO THAT AT THE END OF THE OCCUPIED PERIOD, THE ROOM TEMPERATURE IS WITHIN THE DEADBAND. OPTIMUM STOP INITIATION TIME IS BASED ON A PREDICTION FROM THE OPTIMUM STOP TREND LOG.
 - THE OPTIMUM STOP TREND LOG RECORDS THE BEGINNING TIME THAT THE UNIT HEATING OR COOLING WAS DISABLED, THE BEGINNING OUTSIDE AIR TEMPERATURE, THE BEGINNING ROOM TEMPERATURE, AND THE TIME LAPSE ENCOUNTERED UNTIL THE ROOM TEMPERATURE DEADBAND UPPER OR LOWER LIMIT WAS MET AT THE END OF THE OCCUPIED PERIOD.
- FAN STATUS
 - READ FAN STATUS VIA A CURRENT TRANSDUCER.
 - AT ANY TIME WHEN THE CURRENT READING EXCEEDS 110% (ADJUSTABLE) OF THE FULL LOAD AMPS (FLA) SHUTDOWN THE FAN AND CREATE AN 'OVER CURRENT' ALARM AT THE UNIT CONTROLLER.
 - AT ANY TIME WHEN THE CURRENT READING FALLS BELOW THE FAN MOTOR OPERATIONAL THRESHOLD, CREATE A 'BROKEN BELT' ALARM AT THE UNIT CONTROLLER.
- ROOM DIFFERENTIAL STATIC PRESSURE CONTROL
 - THE ROOM DIFFERENTIAL STATIC PRESSURE SETPOINT SHALL BE 0.05 IN. WC. SET AT THE BAROMETRIC RELIEF DAMPER.
- EMERGENCY SHUTDOWN, FIRE ALARM
 - IF THE FIRE ALARM SYSTEM SIGNALS A GENERAL ALARM, THE AHU SHALL SHUTDOWN.
 - IF THE RETURN AIR DUCT MOUNTED SMOKE DETECTOR SIGNALS A FIRE ALARM, AUXILIARY CONTACTS SHALL INDICATE THE DETECTOR ALARM TO THE HVAC CONTROLS AND A HARD WIRED INTERLOCK TO THE UNIT FAN MCC SHALL DISABLE POWER TO THE AHU FAN.

- NOTES:
- SIMILAR FOR NON-INSULATED PIPE AND CONDUIT.
 - SIMILAR FOR MASONRY OR CONCRETE WALL EXCEPT CORE DRILL OR CAST IN PLACE.
 - APPLIES FOR PLUMBING, HVAC, AND FIRE PROTECTION.

1 FAN COIL DETAIL
NTS

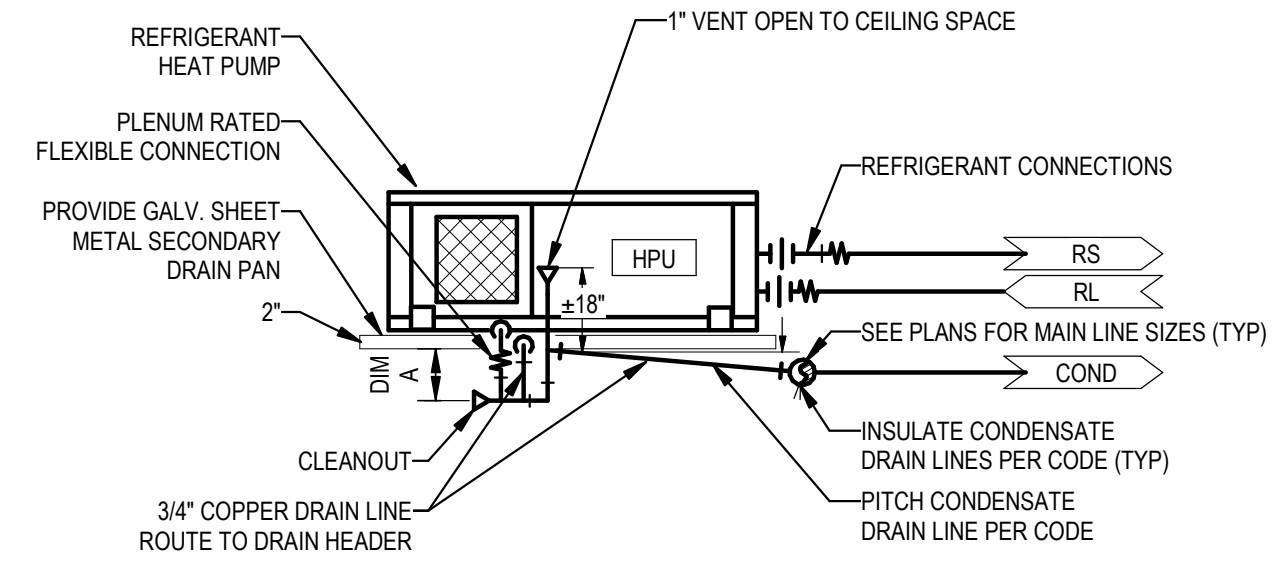
2 PIPE PENETRATION THRU WALLS DETAIL
NTS



UNIT TYPE	A	A
DRAW THRU	2" PLUS X	X + 1"
BLOW THRU	1"	2X

WHERE X = STATIC PRESSURE INSIDE OF DRAIN CONNECTION

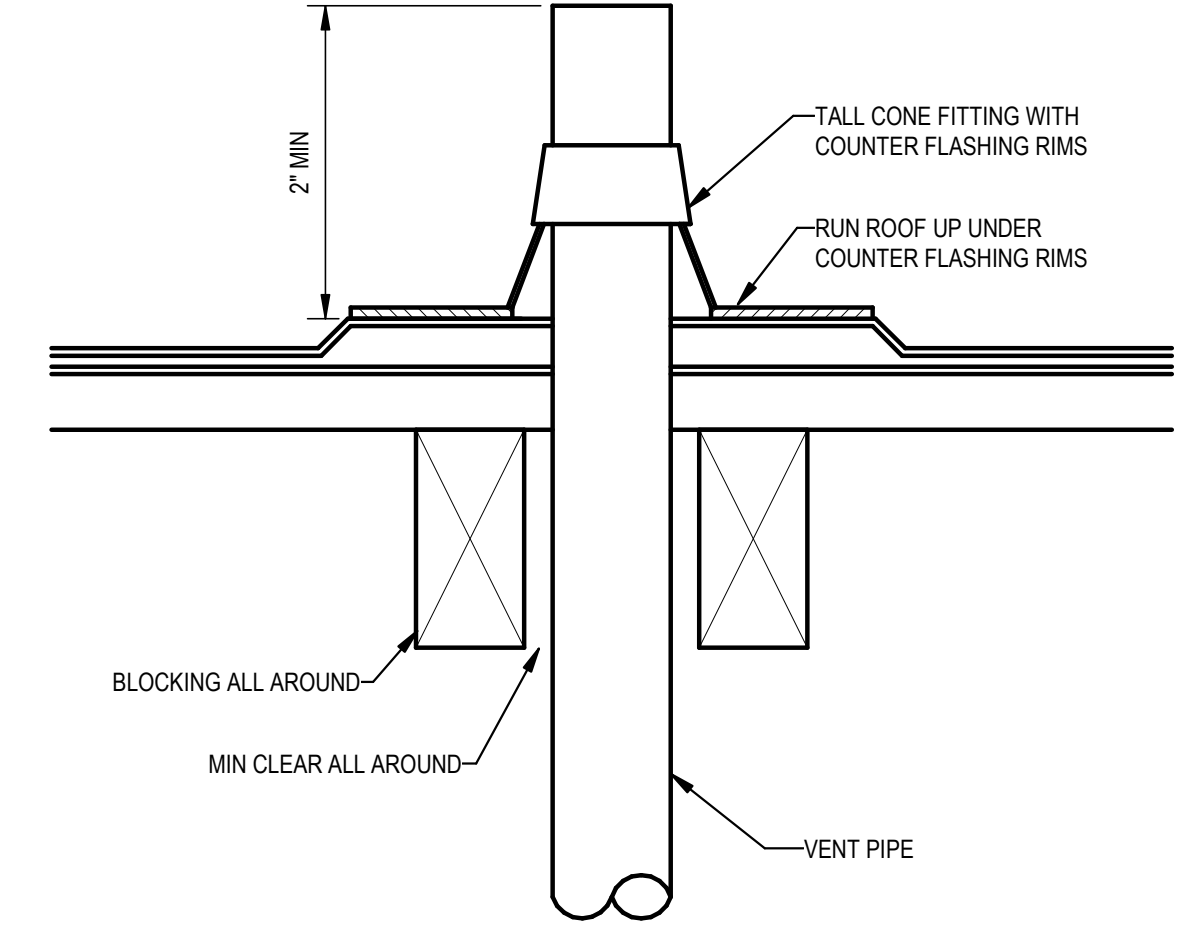
3 AIR HANDLING UNIT DRAIN TRAP DETAIL
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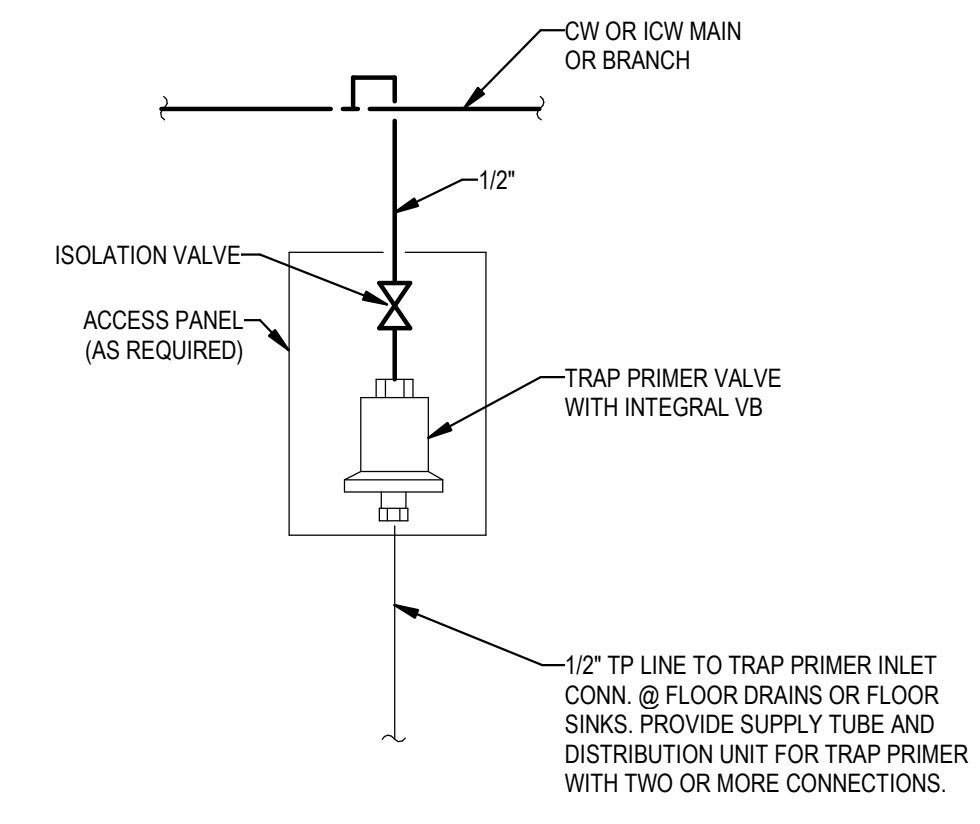
- NOTES:
- PITCH CONDENSATE DRAIN LINE A MINIMUM OF 1 INCH HEIGHT PER 10 FEET OF RUN. TRAP PIPING DIMENSIONS AT HEAT PUMPS SHOULD BE PER THE FOLLOWING TABLE:

UNIT SIZE RANGE	"A" DIMENSION
009 TO 012	3/4"
015 TO 030	1"
036 TO 042	1-1/4"
048 TO 060	1-3/4"
096 TO 120	2"

4 HEAT PUMP DRAIN PIPING DETAIL
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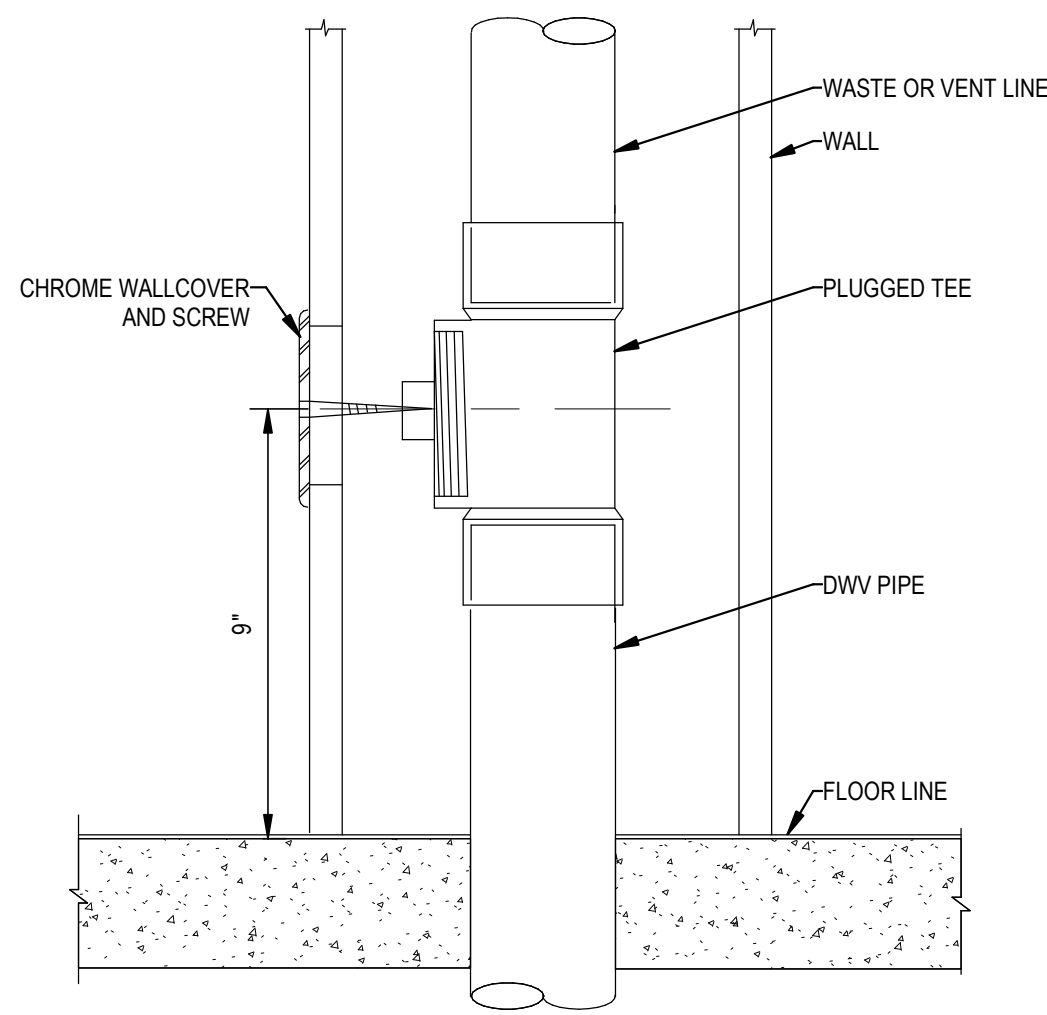


6 VENT THROUGH ROOF DETAIL
12" = 1'-0"

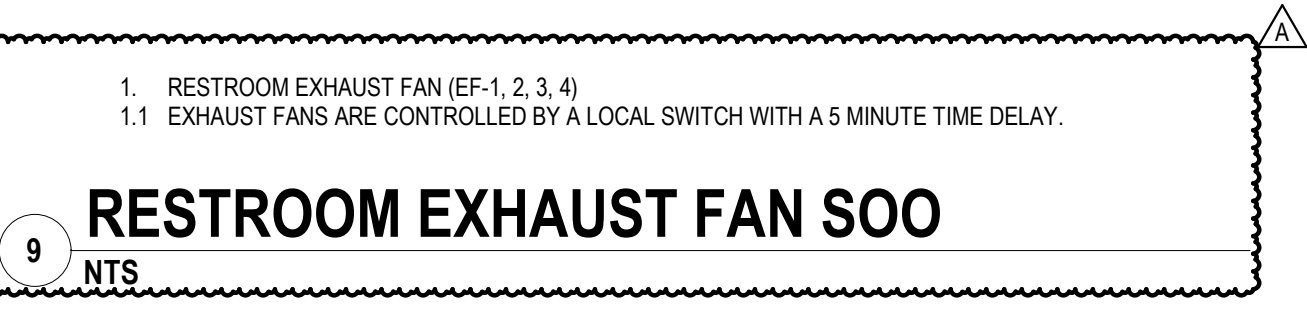


1/2" TP LINE TO TRAP PRIMER INLET CONN @ FLOOR DRAINS OR FLOOR SINKS. PROVIDE SUPPLY TUBE AND DISTRIBUTION UNIT FOR TRAP PRIMER WITH TWO OR MORE CONNECTIONS.

7 TRAP PRIMER DETAIL
12" = 1'-0"



8 WALL CLEANOUT DETAIL
12" = 1'-0"



1. RESTROOM EXHAUST FAN (EF-1, 2, 3, 4)
1.1 EXHAUST FANS ARE CONTROLLED BY A LOCAL SWITCH WITH A 5 MINUTE TIME DELAY.

9 RESTROOM EXHAUST FAN SOO
NTS

LUMINAIRE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MOUNTING	LOCATION	LIGHT SOURCE	INPUT WATTS (W)	LUMEN OUTPUT	BALLAST / TRANSFORMER / DRIVER	VOLTAGE	LENS/REFLECTOR/BEAM	HOUSING	TRIM / FLANGE / BAFFLE / FINISH	MANUFACTURER / CATALOG #	REMARKS / ACCESSORIES / OPTIONS
L1	RAY 8" PENDANT	CABLE	THROUGHOUT	LED	40 W	300 LUMENS		120 V	INTERIOR ACRYLIC	STEEL	FINISH: SATIN	BELLINI SKU# 135877	
SD1	SURFACE MOUNTED LED DOWNLIGHT	SURFACE MOUNTED	THROUGHOUT	LED	10 W	710 LUMENS	INTEGRAL UNIV DIMMING	120 V	60 DEG FLOOD	ALUMINUM	FINISH - WHITE	COOPER LIGHTING	

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SCHEDULE NOTES:
 1) NEMA-3R FUSED DISCONNECT SWITCH.
 2) EQUIPMENT WITHIN SIGHT LINE OF PANEL, DISCONNECT AT PANEL.

ABBREVIATION:
FLA: FULL LOAD AMPERES
HP: HORSEPOWER
KVA: KILOVOLT-AMPERES
KW: KILOWATTS
MCA: MINIMUM CIRCUIT AMPACITY
MOCP: MAXIMUM OVERCURRENT PROTECTIVE DEVICE
OFI: OWNER-FURNISHED, OWNER-INSTALLED
W: WATTS
WP: WEATHERPROOF
VA: VOLT-AMPERES

SCHEDULE GENERAL NOTES:
 1) DISCONNECTS ARE SHOWN AS FRAME RATING / FUSE SIZE.
 2) PROVIDE DUCT SMOKE DETECTORS FOR ALL HVAC UNITS SUPPLYING 2,000 CFM OR MORE. COORDINATE WITH FIRE ALARM CONTRACTOR.
 3) ALL 120V, 15A AND 20A RECEPTACLES AND/OR EQUIPMENT CIRCUITS SHALL BE GFCI PROTECTED PER NOTE 2, UNLESS NOTED OTHERWISE.
 4) UNIT HEATERS SHARE ONE BRANCH CIRCUIT

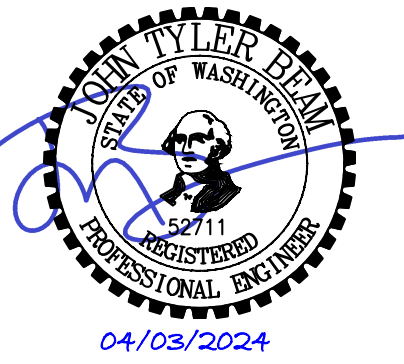
NO.	EQUIPMENT DESCRIPTION	LOCATION	VA	MCA	MOCP	VOLTAGE	PHASES	CONDUIT SIZE	WIRE SIZE	DISC/FUSE/POLES	CIRCUIT NUMBER	NOTES
AHU-01	AIR HANDLING UNIT	MAIN SPACE	1660	10.0	15 A	240	1	3/4"	2#12, 1#12 GND	30/15/2	MDP - 1	1
AHU-02	AIR HANDLING UNIT	MAIN SPACE	1660	10.0	15 A	240	1	3/4"	2#12, 1#12 GND	30/15/2	MDP - 2	1
AHU-03	AIR HANDLING UNIT	MECH ROOM	1660	10.0	15 A	240	1	3/4"	2#12, 1#12 GND		A - 32,34	2
AHU-04	AIR HANDLING UNIT	MECH ROOM	670	4.0	15 A	240	1	3/4"	2#12, 1#12 GND		A - 31,33	2
EF-1	EXHAUST FAN	RESTROOM	50	0.0	20 A	120	1	3/4"	2#12, 1#12 GND	20/1	B - 25	
EF-2	EXHAUST FAN	RESTROOM	50	0.0	20 A	120	1	3/4"	2#12, 1#12 GND	20/1	B - 25	
EF-3	EXHAUST FAN	RESTROOM	50	0.0	20 A	120	1	3/4"	2#12, 1#12 GND	20/1	B - 25	
EF-4	EXHAUST FAN	RESTROOM	50	0.0	20 A	120	1	3/4"	2#12, 1#12 GND	20/1	B - 25	
HP-1	SPLIT SYSTEM HEAT PUMP	EXTERIOR	4670	37.5	60 A	240	1	3/4"	2#4, 1#10 GND	60/60/2	B - 27,29	1
HP-2	SPLIT SYSTEM HEAT PUMP	EXTERIOR	4670	37.5	60 A	240	1	3/4"	2#4, 1#10 GND	60/60/2	B - 28,30	1
HP-3	SPLIT SYSTEM HEAT PUMP	EXTERIOR	4670	37.5	60 A	240	1	3/4"	2#4, 1#10 GND	60/60/2	MDP - 5	1
HP-4	SPLIT SYSTEM HEAT PUMP	EXTERIOR	4670	37.5	60 A	240	1	3/4"	2#4, 1#10 GND	60/60/2	A - 35,37	1
UH-1	UNIT HEATER	RESTROOM 104	250	2.1	20 A	120	1	3/4"	2#12, 1#12 GND		A - 15	4
UH-2	UNIT HEATER	RESTROOM 103	250	2.1	20 A	120	1	3/4"	2#12, 1#12 GND		A - 15	4
UH-3	UNIT HEATER	RESTROOM 102	250	2.1	20 A	120	1	3/4"	2#12, 1#12 GND		A - 15	4
UH-4	UNIT HEATER	STAFF RESTROOM 114	250	2.1	20 A	120	1	3/4"	2#12, 1#12 GND		A - 15	4

SÄZÄN
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DRAWING ISSUE

#	DATE	DESCRIPTION
1	08.25.2023	PRICING SET
2	12.14.2023	PERMIT SET
3	03.12.2024	BID SET
A	04.02.2024	ADDENDUM A

SHEET TITLE

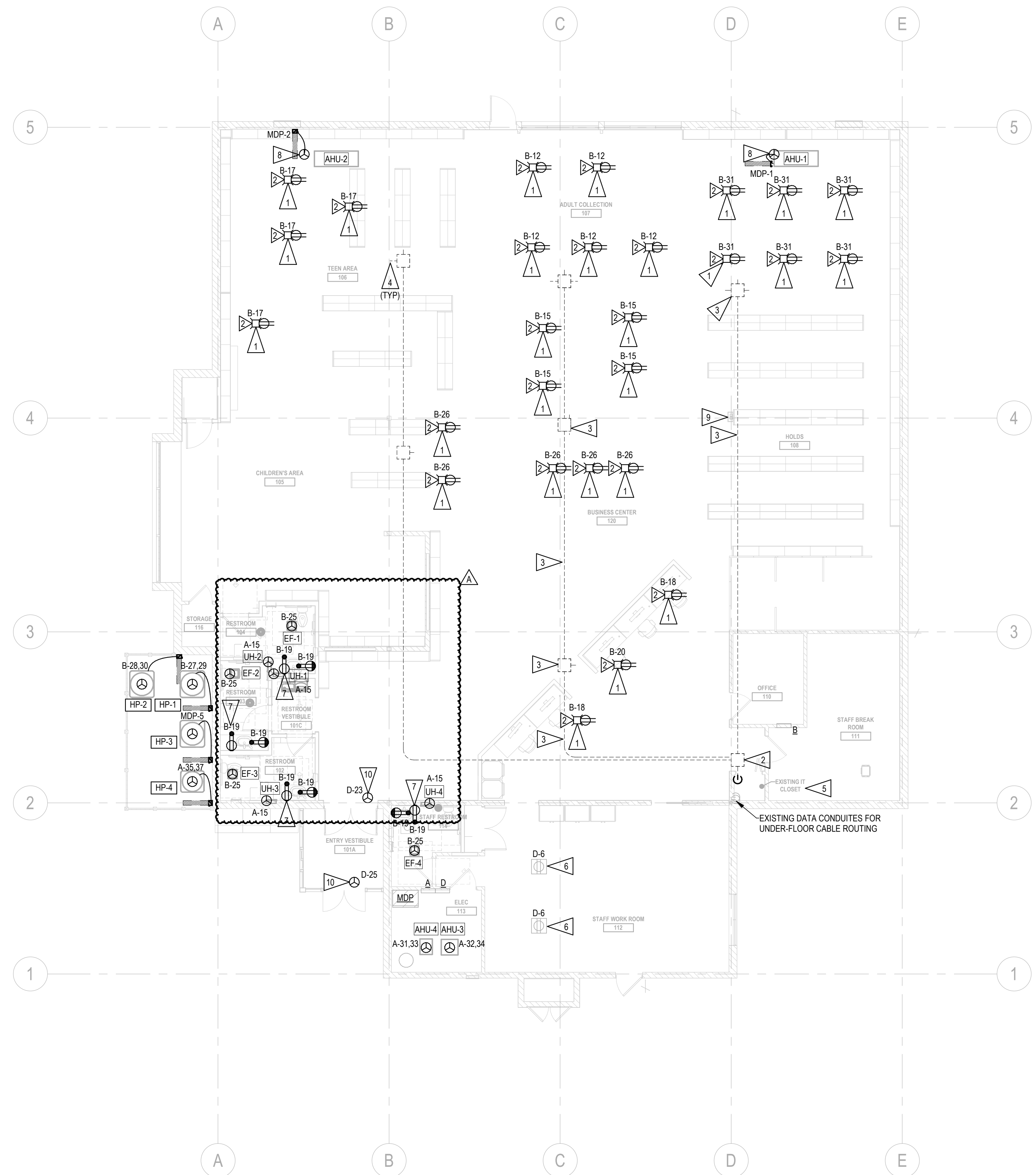
ELECTRICAL SCHEDULES

SHEET NO.

E003

Drawn NH
Checked TB

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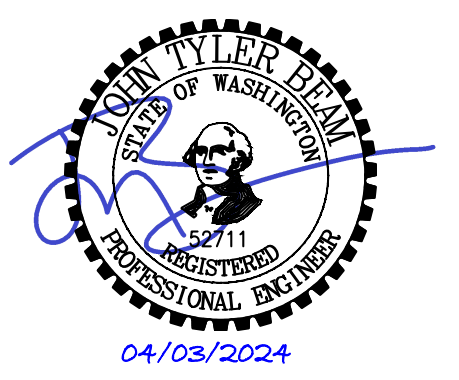


SHEET NOTES

- A. EXISTING POWER AND DATA DEVICES NOT SHOWN ARE EXISTING TO REMAIN. PROVIDE NEW FACEPLATES TO MATCH NEW EQUIPMENT AS REQUIRED. COORDINATE WITH OWNER FOR ALL LOCATIONS.
- B. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES. REVIEW ALL MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND PROVIDE ALL EQUIPMENT NECESSARY FOR COMPLETE, OPERATIONAL SYSTEMS.

FLAG NOTES

- 1. PROVIDE NEW FLOORBOX WITH (1) DUPLEX RECEPTACLE AND (2) CAT6 DATA PORTS. FLOORBOX ASSEMBLY TO BE WIREMOLD CS-880 SERIES WITH THE FOLLOWING (OR APPROVED EQUALS): 880W2 - TWO GANG STEEL FLOOR BOX FOR WOOD FLOORS 827B - TWO GANG BRASS COMBINATION CARPET AND TILE FLANGE 828R - BRASS DUPLEX COVER PLATE 829STC - BRASS COMMUNICATION COVER PLATE
- 2. PROVIDE 12" SQUARE, 4"D JUNCTION BOX FOR DATA CABLES UNDER FLOOR. PROVIDE NEW 3" CONDUIT FROM PULL BOX, UNDER FLOOR WITH PULL STRING TO EXISTING IT CLOSET FOR NEW DATA CABLING.
- 3. 3" CONDUIT UNDER FLOOR FROM PULL BOX AND 6" SQUARE JUNCTION BOX FOR CABLE DISTRIBUTION.
- 4. PROVIDE 12" LONG 2" CONDUIT STUB, WITH PLASTIC BUSHING FOR DATA CABLE DISTRIBUTION TO EACH FLOOR BOX. PROVIDE 1" J-HOOK FROM CONDUIT TO FLOOR BOX TO SUPPORT CABLES.
- 5. COORDINATE WITH SNO-ISLE TO LOCATE ADDITIONAL PATCH PANEL AND NETWORK EQUIPMENT REQUIRED TO ADD ADDITIONAL DATA DROPS TO THE BUILDING. CONSOLIDATE EXISTING DATA DROPS INTO THE MINIMUM REQUIRED PATCH PANELS TO MAKE ROOM FOR ADDITIONAL FUTURE PATCH PANELS IN EQUIPMENT RACK
- 6. REPLACE EXISTING DATA CABLES WITH NEW AND VERIFY EXISTING RECEPTACLES ARE FUNCTIONING. PROVIDE NEW RECEPTACLES AND COVER PLATES IF FOUND TO BE DEFECTIVE OR DAMAGED.
- 7. PROVIDE GFCI DUPLEX UNDER SINK FOR AUTOMATIC SOAP DISPENSER. COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 8. USE EXISTING FEEDERS TO CONNECT NEW AIR HANDLER UNITS.
- 9. PROVIDE NEW DATA DROPS AS NEEDED FOR COMPUTERS. COORDINATE ALL LOCATIONS WITH OWNER.
- 10. PROVIDE ELECTRICAL CONNECTIONS FOR POWER DOOR OPERATORS AND PUSHBUTTONS.



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SHEET TITLE
LEVEL 1 POWER PLAN

SHEET NO.
E201

Drawn NH
Checked TB
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1 LEVEL 01 - POWER PLAN

