

ADDENDUM NO. 1

**Drawings:**

1. Revised drawings are as follows:
  - M1-0
  - M4-0
  - M5-0
  - E1-0

END OF ADDENDUM NO. 1

SJ/jr

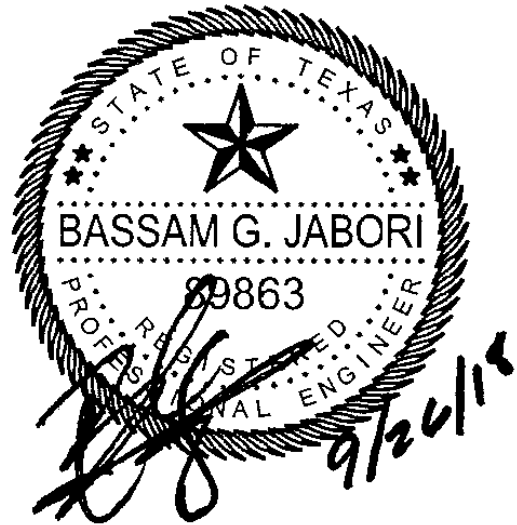
Attachments:

- 1) Revised Drawings: M1-0, M4-0, M5-0, E1-0



30555 TOMBALL PKWY,  
TOMBALL, TX 77375

**REPLACEMENT OF  
AHU-16 AND  
ASSOCIATED (14) VAV  
BOXES**



DESIGNED: AAR  
CHECKED: SJ  
SCALE: As Indicated

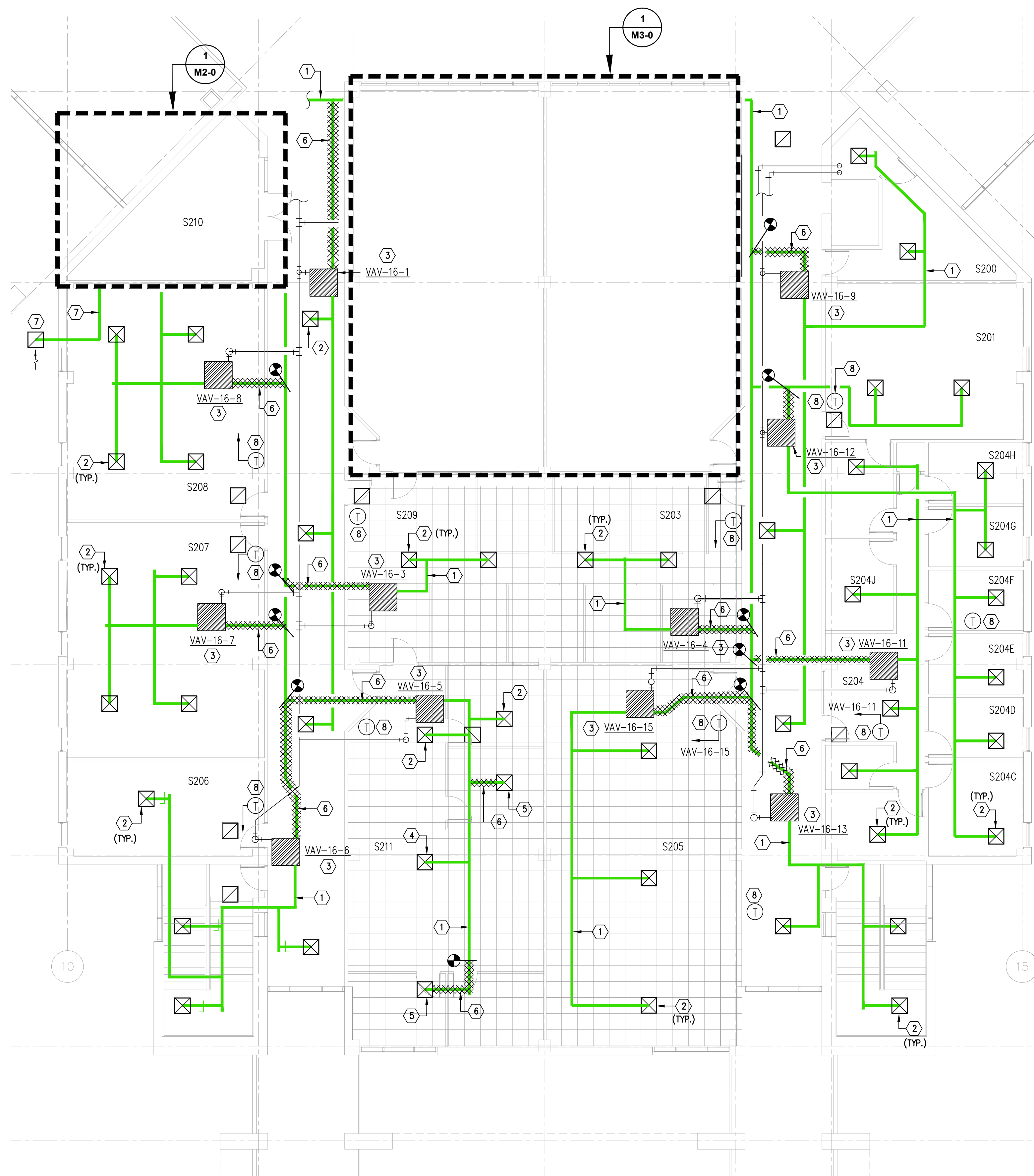
ISSUE: SEPTEMBER 07, 2016

ADDENDUM #1 09-26-2016

SHEET TITLE:

**MECHANICAL FLOOR  
PLAN**

**M1-0**



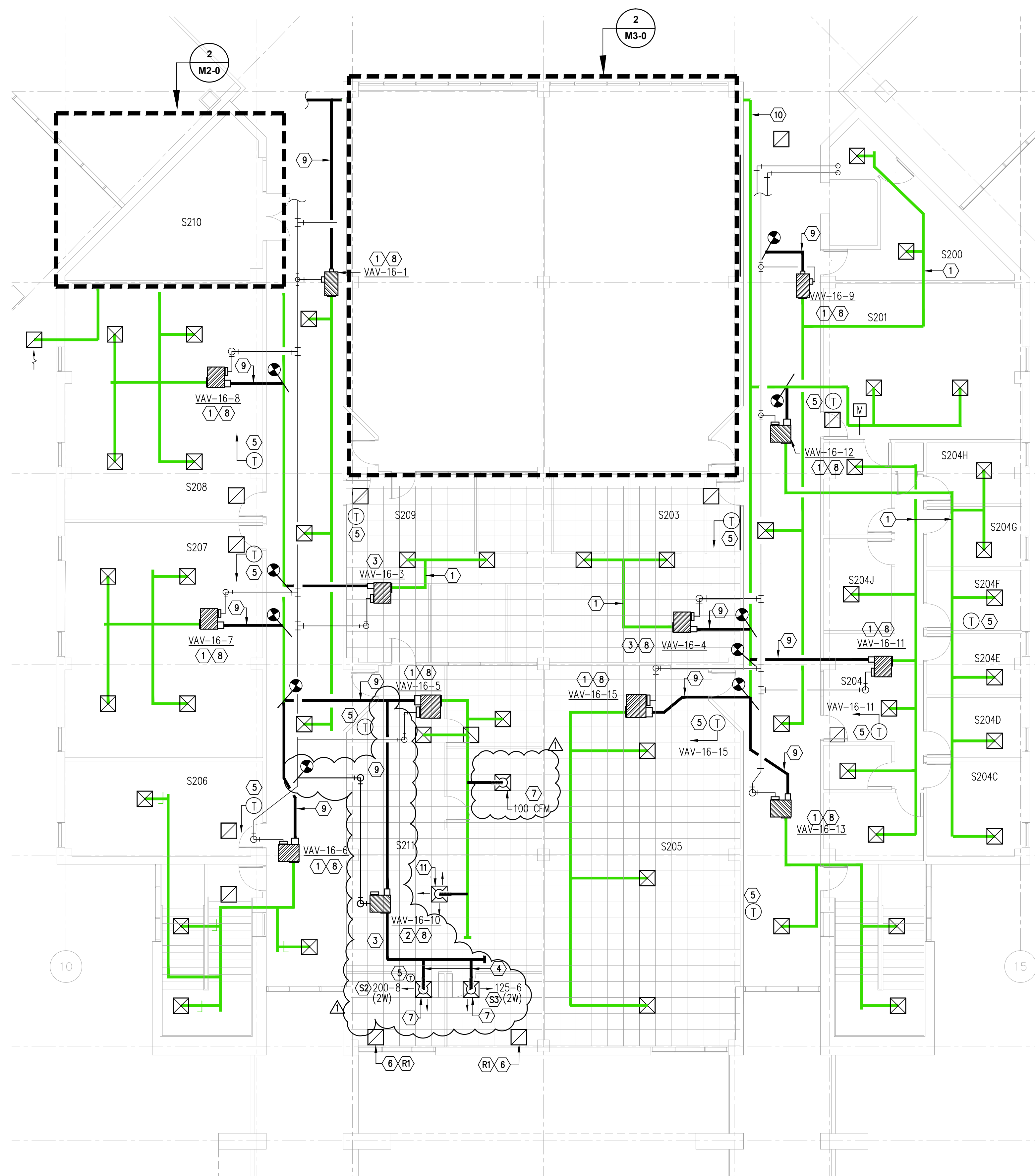
**1 MECHANICAL DEMOLITION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**DEMOLITION KEYED NOTES:**

- 1 RETAIN THE EXISTING DUCTWORK "AS IS".
- 2 RETAIN THE EXISTING AIR DISTRIBUTION DEVICE "AS IS".
- 3 DISCONNECT EXISTING-FAN-POWERED VAV BOX FROM THE SUPPLY AIR DUCTWORK AND HYDRONIC HEATING PIPING CONNECTIONS. REMOVE AND DISPOSE OF THE VAV BOX AS INDICATED. RETAIN EXISTING POWER FOR USE WITH NEW VAV BOX.
- 4 RETAIN THE EXISTING AIR DISTRIBUTION DEVICE "AS IS". RELOCATE THE EXISTING CEILING DIFFUSER TO AS INDICATED IN KEYED NOTE 11 ON DRAWING 2/M1-0.
- 5 REMOVE AND DISPOSE OF THE EXISTING CEILING SUPPLY AIR DIFFUSER AS INDICATED. REMOVE BRANCH SUPPLY FLEXIBLE DUCTWORK BACK TO THE MAIN SUPPLY AIR DUCTWORK. PROVIDE NEW BRANCH RUN-OUT DUCTWORK AS INDICATED IN RENOVATION KEYED NOTE 4 ON SHEET 2/M1-0.
- 6 REMOVE AND DISPOSE OF THE EXISTING SUPPLY AIR DUCTWORK AS INDICATED.
- 7 RETAIN THE EXISTING OUTSIDE AIR INTAKE GRILLE SERVING AHU-16. CLEAN AND REMOVE DEBRIS FROM GRILLE FOR USE WITH NEW AHU.
- 8 REMOVE AND DISPOSE OF THE EXISTING WALL-MOUNTED THERMOSTAT/TEMPERATURE SENSOR. RETAIN EXISTING WIRING FOR USE WITH NEW CONTROLS.

**GENERAL NOTES:**

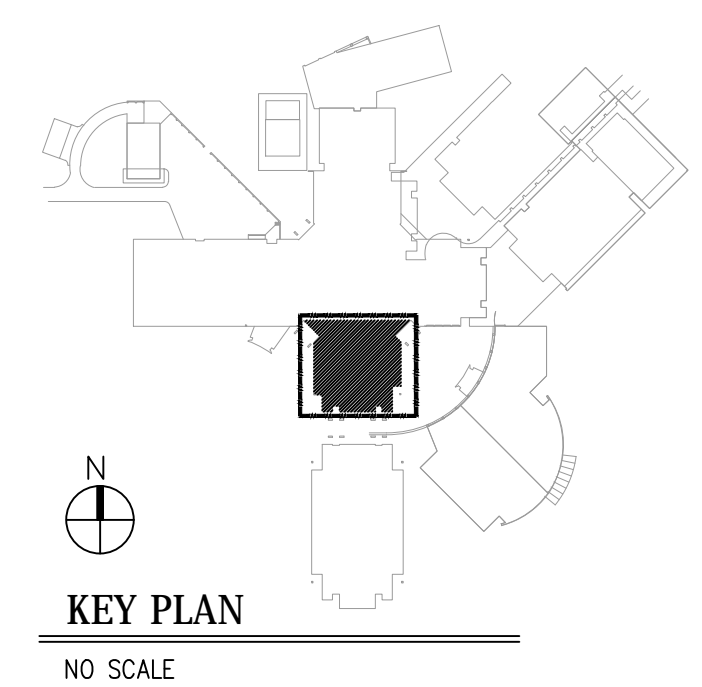
- 1- REMOVAL AND REINSTALLATION OF THE CEILING IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE ANY DAMAGED CEILING TILES WITH NEW. ANY DAMAGES ARISING FROM WALL PENETRATIONS OR BREAKAGE REQUIRED TO ACCOMPLISH THE WORK AT HAND SHALL BE RESTORED BACK TO ORIGINAL CONDITION.
- 2- RE-ROUTE EXISTING DUCTWORK AS NECESSARY TO ACCOMMODATE THE NEW DUCTWORK TIE-IN.



**2 MECHANICAL RENOVATION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**RENOVATION KEYED NOTES:**

- 1 FURNISH AND INSTALL NEW FAN-POWERED VARIABLE AIR VOLUME UNIT COMPLETE WITH HYDRONIC HEATING COIL. COORDINATE LOCATION OF NEW VAV BOX WITH EXISTING CONDITIONS ABOVE THE CEILING. UNIT SHALL BE COMPLETE WITH 120V/1 PHASE AS INDICATED IN THE VAV SCHEDULE. TAP FROM THE EXISTING SA DUCT (FIELD VERIFY DIMENSIONS) AND PROVIDE A NEW INSULATED ROUND GALVANIZED STEEL DUCTWORK COMPLETE WITH HANGERS AND SUPPORTS WITH SIZES AS INDICATED IN THE VAV SCHEDULE ON SHEET M4-0. PROVIDE ALL NECESSARY DISCHARGE DUCTWORK TRANSITION TO CONNECT NEW VAV BOX TO THE EXISTING DUCTWORK. DUCTWORK SHALL BE COMPLETE WITH HEAVY DENSITY 2" THICK FIBERGLASS BOARD INSULATION.
- 2 SAME AS KEYED NOTE 1 ABOVE. HOWEVER, THIS FAN-POWERED BOX WILL BE A NEW INSTALLATION AND NOT A REPLACEMENT COMPARED TO THE REST OF THE VAV BOXES UNDER THIS SCOPE OF WORK. ACCORDINGLY, CONTRACTOR SHALL PROVIDE NEW HANGERS & SUPPORTS FOR THE NEW VAV BOX. RUN NEW HYDRONIC HEATING PIPING ALONG WITH NEW POWER FEEDER AND DISTRIBUTION DUCTWORK AS INDICATED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL WORK.
- 3 FURNISH AND INSTALL NEW GALVANIZED SUPPLY AIR DUCT. DUCTWORK SHALL BE COMPLETE WITH 2" INSULATION WRAP, HANGERS AND SUPPORTS. DUCTWORK SHALL BE ERECTED IN A NEAT AND WORKABLE MANNER AND IN ACCORDANCE WITH SMACNA STANDARDS. ALL DUCTWORK SHALL BE GAUGE 24 OR HEAVIER PRESSURE CLASS.
- 4 FURNISH AND INSTALL A NEW INSULATED ROUND GALVANIZED STEEL SUPPLY DUCT COMPLETE WITH SPIN-IN FITTING AND VOLUME CONTROL DAMPER. PROVIDE A 90° ROUND ELBOW TO CONNECT TO DIFFUSER THRU R-6 INSULATED FLEXIBLE DUCTWORK.
- 5 PROVIDE A NEW THERMOSTAT AND/OR TEMPERATURE SENSOR THAT SHALL CONTROL THE VAV UNIT OPERATION THRU THE EXISTING BACNET DDC SYSTEM.
- 6 PROVIDE NEW EXTRUDED ALUMINUM AIR DISTRIBUTION DEVICE. RETURN AIR GRILLE SHALL BE MODEL 51EC WITH 1/2"x1/2"x1" CORE BY NAILOR OR EQUAL.
- 7 BALANCE THE CAPACITY OF THE AIR DISTRIBUTION DEVICES AS INDICATED AND IN ACCORDANCE WITH TABB GUIDELINES.
- 8 RECONNECT THE NEW VAV BOX TO THE EXISTING HYDRONIC HEATING PIPING DISTRIBUTION SYSTEM. PROVIDE NEW HYDRONIC HEATING WATER SUPPLY AND RETURN SCH. 40 BLACK STEEL/COPPER PIPING CONNECTIONS WITH ALL NECESSARY FITTINGS AND SUPPORTS. PIPING SHALL BE COMPLETE WITH FIBERGLASS INSULATION AS INDICATED. INSULATION SHALL BE 2" THICK. CONTRACTOR SHALL ADHERE TO THE MANUFACTURER'S RECOMMENDED INSTALLATIONS GUIDELINES AND SPECIFICATIONS. PROVIDE NEW ISOLATION VALVES ON THE NEW SUPPLY AND RETURN PIPING.
- 9 MODIFY THE EXISTING DUCTWORK TAP FROM THE EXISTING PRIMARY SUPPLY AIR DUCTWORK AND PROVIDE A NEW INSULATED ROUND GALVANIZED STEEL SUPPLY DUCT COMPLETE WITH SPIN-IN FITTING AND VOLUME CONTROL DAMPER. SIZES SHALL BE AS INDICATED IN THE FAN POWERED VAV BOX SCHEDULE ON SHEET M3-0.
- 10 FIELD VERIFY LOCATION OF THE EXISTING STATIC PRESSURE TRANSMITTER (SPT) AND PROVIDE A NEW DUCT STATIC PRESSURE TRANSMITTER. THE NEW TRANSMITTER SHALL, THRU THE DDC SYSTEM, REGULATE AHU-16 SUPPLY FAN SPEED.
- 11 RELOCATE THE EXISTING CEILING DIFFUSER TO AS INDICATED. PROVIDE ALL NECESSARY ADDITIONAL DUCTWORK AND ACCESSORIES FOR THE RELOCATION WORK.
- 12 PROVIDE A NEW MOTORIZED VOLUME CONTROL DAMPER AS INDICATED. THE NEW MOTORIZED DAMPER OPERATION SHALL BE CONTROLLED FROM THE NEW WALL-MOUNTED TEMPERATURE SENSOR THRU THE DDC SYSTEM. DAMPER SHALL BE NORMALLY CLOSED AND SHALL OPEN ONLY IF SPACE TEMPERATURE EXCEEDS 80 °F.

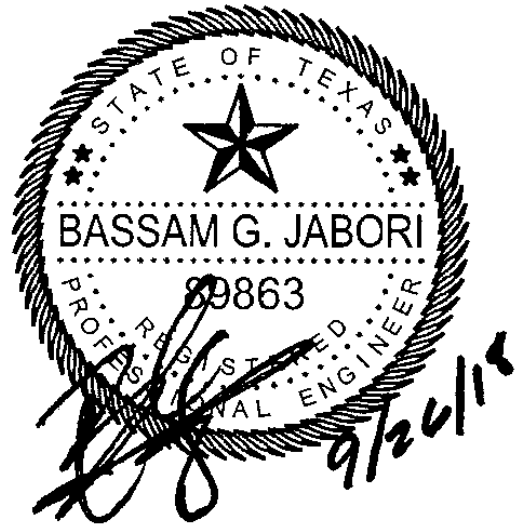






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**MECHANICAL  
SCHEDULES**

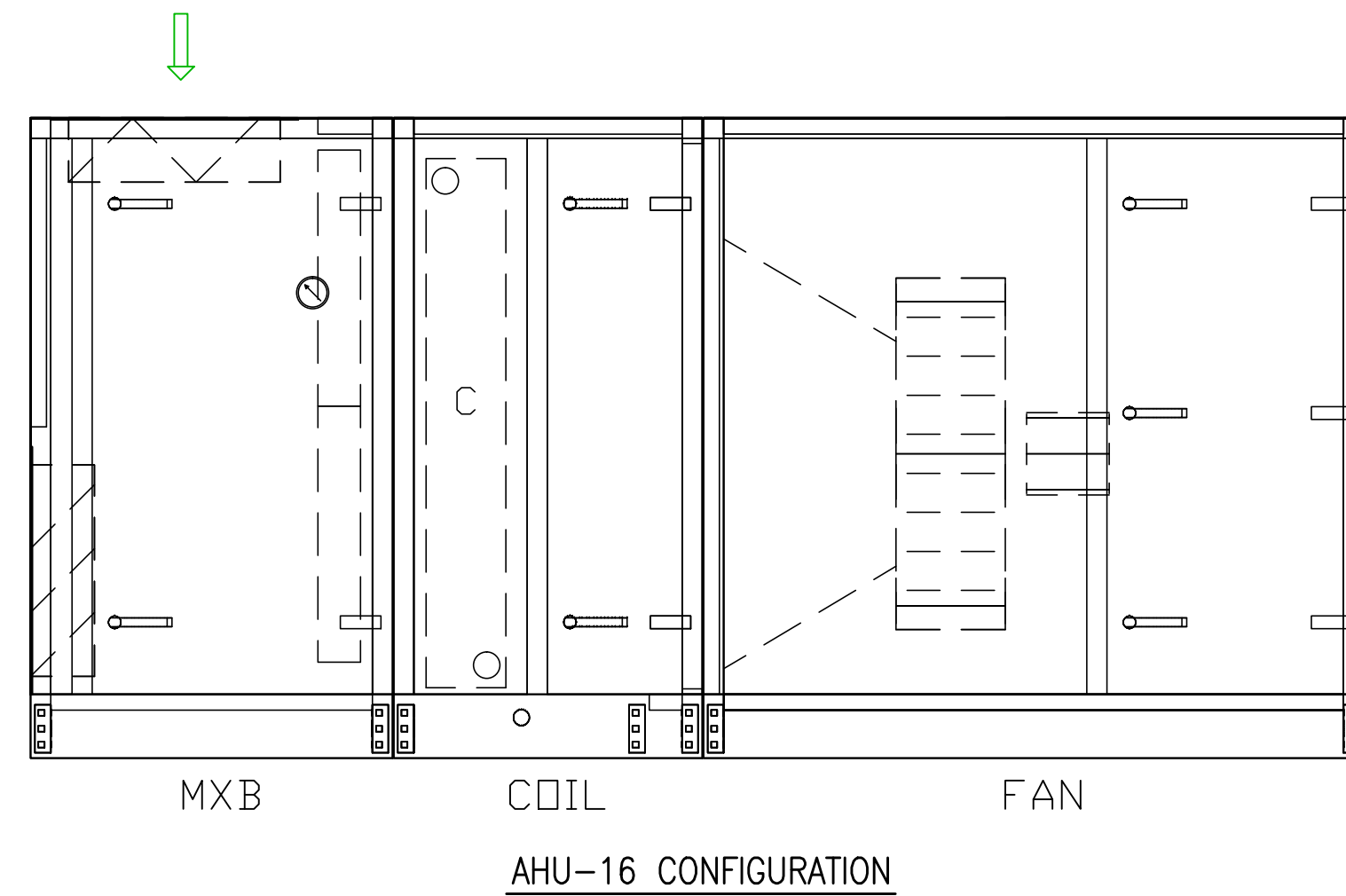
**M4-0**

**AIR HANDLING UNIT SCHEDULE**

UNIT NO.	ROOM NO.	SERVICE	SPEED	FAN SECTION							COOLING COIL											UNIT WEIGHT (LBS)	REMARKS MODEL BASED ON CARRIER HORIZONTAL, TOP DISCHARGE				
				CFM	OUTSIDE AIR CFM	EXT. SP IN. WG.	MTR HP	FAN RPM	POWER V/PH/HZ	MIN FACE AREA SQ. FT.	MIN NO. ROWS	FINS PER INCH (MAX.)	AIR PD IN WG (MAX.)	WATER PD, FT (MAX.)	MAX FACE VEL FPM	CFM THRU COIL	WATER TEMP		GPM	ENT AIR TEMP				LVNG AIR TEMP		CAPACITY (MBH)	
AHU-16	MECH. RM. S210	BLDG. SOUTH 2ND FLOOR	VARIABLE	14000	2000	1.5	15	900	480/3/60	30.5	6	12	0.75	15	500	14000	44	56	88	78	65	52	52	525	387	3915	39MN SIZE 30; R-13 DOUBLE WALL, GALV STEEL HORIZONTAL UNIT

**PROVIDE THE FOLLOWING:**

- ① 6" BASE RAIL, DOUBLE-WALL CONSTRUCTION WITH ACCESS DOORS ON ALL SECTIONS
- ② VFD WITH INVERTER-DUTY PREMIUM EFFICIENCY MOTORS.
- ③ MERV 10 PLEATED V-FILTER TYPE FILTER. PROVIDE ACCESS ON BOTH SIDES.
- ④ PLENUM FAN MODULE ACCESS DOORS SHALL BE ON THE DRIVE SIDE.
- ⑤ STAINLESS STEEL IAQ INSULATED CONDENSATE DRAIN PAN.
- ⑥ STAINLESS STEEL COIL CASING WITH NON-FERROUS HEADER COOLING COILS.



**FAN POWER VAV BOX SCHEDULE**

MARK	INLET SIZE INCHES	CFM		HEATING				FAN MOTOR		MOTOR	MANUFACTURER & MODEL NUMBER
		MAX.	MIN.	CFM	GPM	ROWS	CAP. (MBH)	HP	VOLTS/PHASE/HZ		
VAV-16-1	6	330	330	330	0.7	2	6.5	1/4	120/1/60	-	PRICE MODEL FDC SIZE 10
VAV-16-2	14	2200	1100	2200	2.6	2	26	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 4014
VAV-16-3	8	630	320	630	0.8	2	8	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2008
VAV-16-4	8	630	320	630	0.8	2	8	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2008
VAV-16-5	14	2000	1000	2000	3.0	2	30	1	120/1/60	ECM	PRICE MODEL FDV5 SIZE 4014
VAV-16-6	10	970	490	970	1.2	2	12	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2010
VAV-16-7	8	800	400	800	1.0	2	10	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2010
VAV-16-8	10	1010	510	1010	1.3	2	13	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2010
VAV-16-9	6	330	330	330	0.7	2	6.6	1/4	120/1/60	ECM	PRICE MODEL FDC SIZE 10
VAV-16-10*	6	325	160	325	0.5	2	6	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2006
VAV-16-11	8	620	310	620	0.8	2	8	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2008
VAV-16-12	10	890	450	890	1.1	2	11.5	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2010
VAV-16-13	8	530	270	530	0.7	2	7	1/3	120/1/60	ECM	PRICE MODEL FDV5 SIZE 2008
VAV-16-14	14	2200	1100	2200	2.6	2	26	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 4014
VAV-16-15	14	2360	1180	2360	3.0	2	30	1/2	120/1/60	ECM	PRICE MODEL FDV5 SIZE 4014

ENTERING HEATING WATER TEMPERATURE = 160 F.

\* VAV IS A NEW INSTALLATION AND A NOT REPLACEMENT

**PROVIDE THE FOLLOWING:**

- ① 1" FOIL-FACED LINER
- ② ULTRA-LOW NOISE CONSTRUCTION WITH ECM MOTOR
- ③ NC LEVEL SHOULD NOT EXCEED 35
- ④ CAMLOCKS ON FAN ACCESS DOOR.
- ⑤ HANGER BRACKETS.

**AIR DEVICE SCHEDULE**

TAG	SERVICE	MANUFACTURER & MODEL	NECK SIZE	CFM	FINISH	MATERIAL	NOTES
S1	SUPPLY	NAILOR MODEL 6200	12"	500	WHITE	ALUM	1, 2, 3
S2	SUPPLY	NAILOR MODEL 6200	9"	200	WHITE	ALUM	1, 2, 3
S3	SUPPLY	NAILOR MODEL 6200	6"	150	WHITE	ALUM	1, 2, 3
R1	RETURN	NAILOR MODEL 51EC	12"	N/A	WHITE	ALUM	1, 4

**NOTES:**

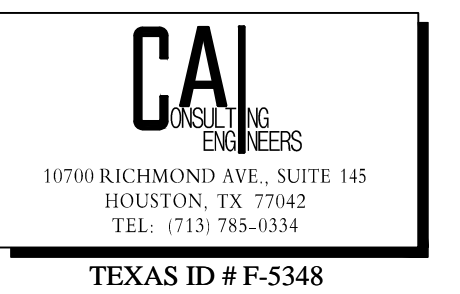
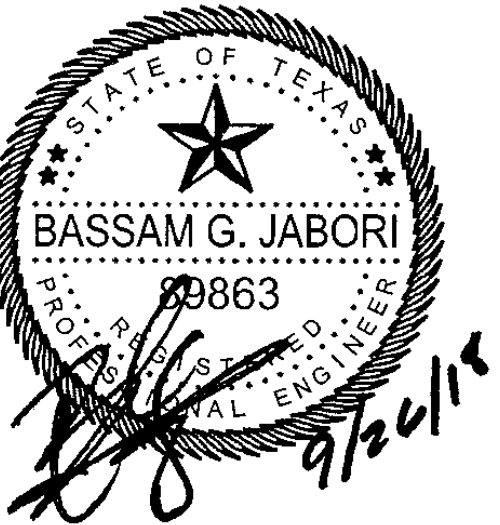
- 1. PROVIDE LAY-IN MOUNTING FRAME
- 2. PROVIDE OPPOSED BLADE DAMPER
- 3. PROVIDE BACK PANEL INSULATION
- 4. EGG CRATE CORE SIZE SHALL BE 1/2" x 1/2" x 1".





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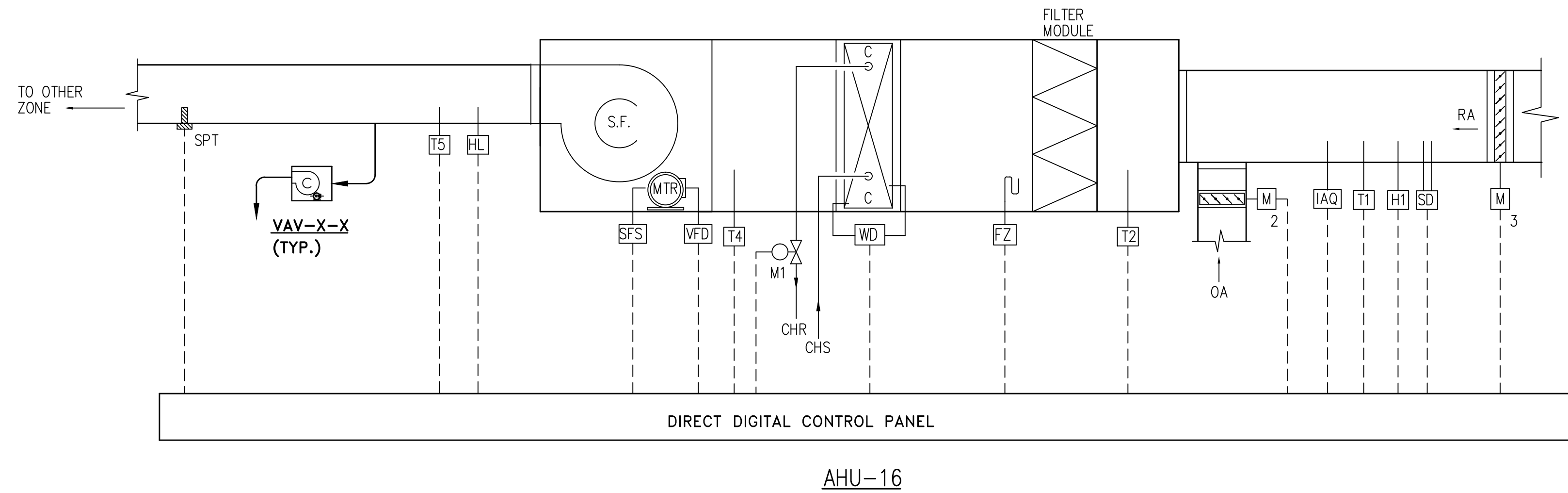
**SYSTEM DESCRIPTION**

FURNISH AND INSTALL NEW DDC CONTROLLERS INCLUDING CONDUIT, POWER SUPPLY, WIRING AND ACCESSORIES. TIE-IN INTO THE EXISTING BACNET DDC SYSTEM. THE UNIT CONTROLLERS SHALL BE CAPABLE OF OPERATING IN A STAND-ALONE MODE AND BE CAPABLE OF COMMUNICATING WITH THE BUILDING'S MAIN ENERGY MANAGEMENT SYSTEM. THE NEW DDC SYSTEM SHALL BE INSTALLED BY A SINGLE CONTROL MANUFACTURER.

**SEQUENCE OF OPERATION AHU-16**

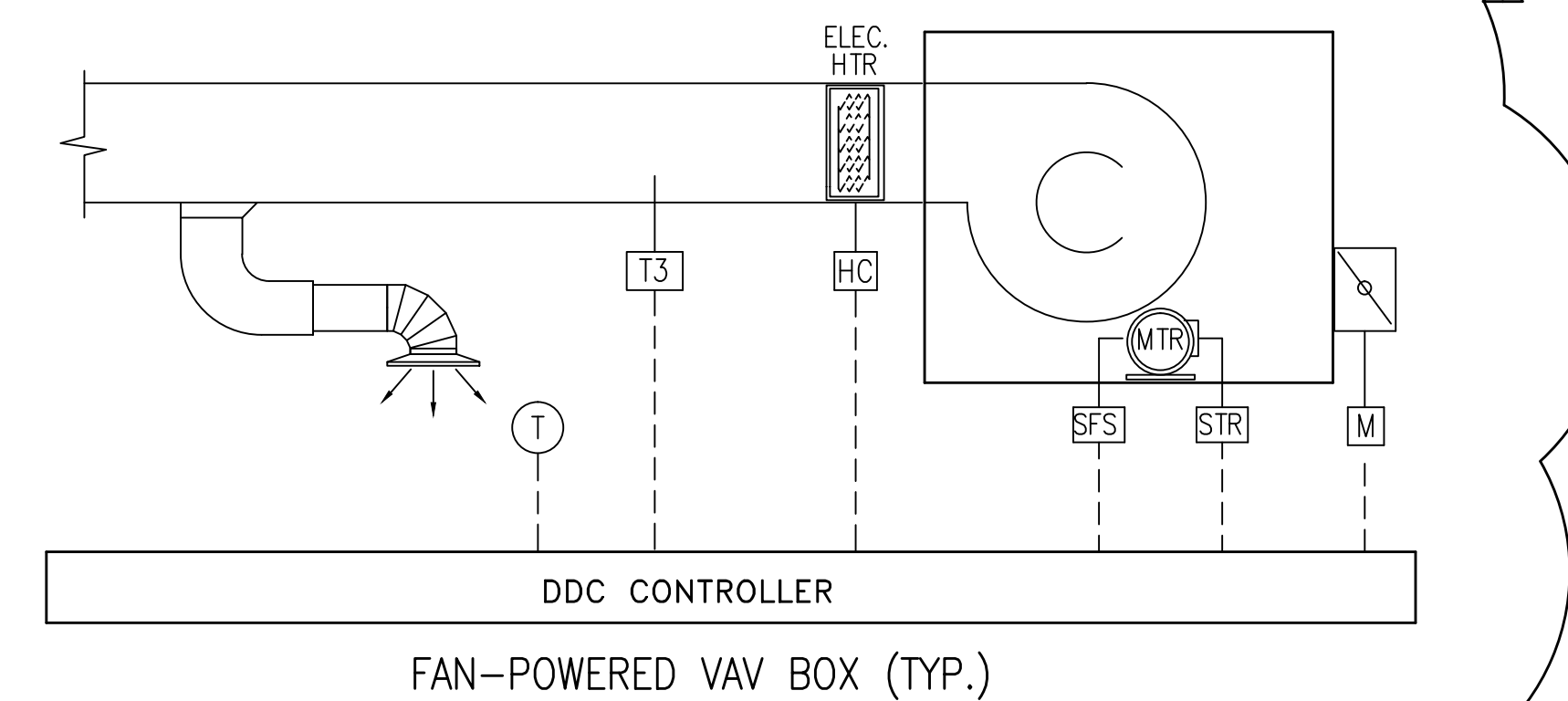
1. THE AIR HANDLING UNIT SHALL BE PROVIDED WITH A STAND-ALONE DEDICATED BACNET NATIVE DIRECT DIGITAL CONTROL (DDC) PANEL. THE DDC PANEL SHALL ALSO BE CAPABLE OF CONTROLLING ALL THE UNIT'S START-UP AND OPERATION. THE DDC PANEL SHALL ALSO BE CAPABLE OF COMMUNICATING WITH THE MAIN BUILDING DDC CONTROL SYSTEM (EMS) TO DELIVER OPTIMUM OPERATION, ENERGY SAVINGS, AND ALARM STATUS REPORTING.
2. THE AIR HANDLING UNIT SHALL BE PROVIDED WITH A NEW VARIABLE FREQUENCY DRIVE (VFD). THE VFD SHALL BE MOUNTED AND LOCATED AS CLOSE AS POSSIBLE TO THE SUPPLY FAN MOTOR. THE VFD SHALL REGULATE THE SUPPLY FAN SPEED IN RESPONSE TO A NEW (FIELD VERIFY LOCATION) DUCT MOUNTED STATIC PRESSURE TRANSMITTER "SPT" SIGNAL.
3. AN ADDRESSABLE TYPE SMOKE DETECTOR SHALL BE PROVIDED "SD" IN THE SUPPLY AIR DUCT. THIS DETECTOR SHALL BE HARD WIRED TO THE FAN MOTOR STARTER/VFD AND SHALL DE-ENERGIZE THE UNIT OPERATION UPON SENSING PRODUCTS OF COMBUSTION. SMOKE DETECTOR SHALL BE CONNECTED TO THE EXISTING FACP. ALL ALARM CONDITIONS SHALL BE REPORTED TO THE CENTRAL DDC SYSTEM AND FIRE ALARM SYSTEM.
4. A SUPPLY FAN STATUS CURRENT SWITCH "SFS" SHALL CONFIRM THE SUPPLY FAN OPERATION. THIS SWITCH SHALL TRIGGER A LOCAL AUDIBLE ALARM SIGNALS IN CASE OF NO AIR FLOW CONDITIONS. A HI-LIMIT PRESSURE SWITCH SHALL DE-ENERGIZE THE SUPPLY FAN IN CASE DUCTWORK PRESSURE THRESHOLD SET POINT IS REACHED. ALL ALARM CONDITIONS SHALL BE REPORTED TO THE CENTRAL DDC SYSTEM.
5. A FREEZESTAT "FZ" SHALL CLOSE THE OUTSIDE AIR DAMPER "M2", OPEN DAMPER "M3" TO ITS FULL OPEN POSITION, AND TURN ON THE SUPPLY FAN IF FREEZE CONDITIONS ARE DETECTED.
6. A HIGH LIMIT "HL" PRESSURE SWITCH SHALL DE-ENERGIZE THE SUPPLY FAN IN THE EVENT THE SUPPLY AIR DUCTWORK PRESSURE EXCEEDS THE SPECIFIED 2 IN. SETPOINT.
7. A SUPPLY AIR TEMPERATURE SENSOR "TS" SHALL MODULATE THE COOLING COIL AUTOMATIC TEMPERATURE CONTROL VALVE ACTUATOR "M1" THROUGH AN ADJUSTABLE PID LOOP. THE VALVE SHALL MAINTAIN THE SET POINT TEMPERATURE IN THE AHU'S SCHEDULE. THE FLOW RATE THROUGH THE CHILLED WATER FLOW CONTROL VALVE SHALL BE REPORTED TO THE MAIN DDC SYSTEM.
8. A HUMIDITY SENSOR/TRANSMITTER "HI" SHALL SENSE THE RETURN AIR RELATIVE HUMIDITY VALUE AND SHALL OVERRIDE SENSOR "TS" SET POINT AND OPENS "M1" TO ITS FULL FLOW IN CASE RELATIVE HUMIDITY LEVELS EXCEED 60% (COOLING SEASON).
9. SUPPLY AIR TEMPERATURE SENSOR "TS" SETPOINT SHALL BE RE-SETTED UPWARD THROUGH THE MIXED AIR TEMPERATURE SENSOR "T1" IN THE EVENT OF REACHING THE MINIMUM SUPPLY AIR FLOW (30% OF MAXIMUM SCHEDULED FLOW RATE) AND RETURN AIR TEMPERATURE IS BELOW SETPOINT (74F).
10. THE OUTSIDE AIR DAMPER SHALL MODULATE THE OUTSIDE AIR FLOW IN RESPONSE TO SIGNAL FROM INDOOR AIR QUALITY CARBON DIOXIDE SENSOR "IAQ". IF THE IAQ SET POINT IS SATISFIED, THE MINIMUM OUTDOOR CFM (50% OF SCHEDULED VALUES) SHALL BE DELIVERED. VFD SHALL MODULATE TO MAINTAIN SETPOINT UP TO MAXIMUM SCHEDULED OUTDOOR AIR CFM IN THE AIR HANDLING UNITS SCHEDULE. "M2" SHALL CLOSE WHEN A/C UNIT IS DE-ENERGIZED. DAMPER "M3" SHALL MODULATE TO A PARTIALLY CLOSED POSITION IN THE EVENT DAMPER "M2" IS FULLY OPEN AND THE "IAQ" SENSOR SET POINT IS NOT SATISFIED.
11. AN ELECTRONIC WATER DETECTOR SENSOR/SWITCH MOUNTED IN THE COOLING COIL DRAIN PAN SHALL SHUT THE UNIT OFF IN CASE OF CONDENSATE OVERFLOW AND SHALL TRIGGER AN ALARM SIGNAL TO THE OPERATOR. SENSOR SHALL HAVE GOLD PLATED PROBES.
12. ALL THE UNITS OPERATIONAL PARAMETERS REQUIRED FOR THE SAFE AND EFFICIENT OPERATION OF THE AIR CONDITIONING UNIT SHALL BE COORDINATED AND COMMUNICATED TO THE CONTROLS EQUIPMENT MANUFACTURER/CONTRACTOR.

GENERAL NOTE:  
CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATING THE NEW FIRE ALARM DEVICES WITH THE CAMPUS EXISTING FIRE ALARM SYSTEM.



**SEQUENCE OF OPERATION:**

1. THE VAV BOX SHALL BE PROVIDED WITH A BACNET NATIVE DDC CONTROLLER, AND ITS OPERATION SHALL BE CONTROLLED THRU THE NEW DDC SYSTEM.
2. A SUPPLY FAN STATUS CURRENT SWITCH "SFS" SHALL CONFIRM THE SUPPLY FAN OPERATION. THIS SWITCH SHALL TRIGGER A LOCAL AUDIBLE ALARM SIGNALS IN CASE OF NO AIR FLOW CONDITIONS. ALL ALARM CONDITIONS SHALL BE REPORTED TO THE CENTRAL DDC SYSTEM.
3. A WALL-MOUNTED ZONE TEMPERATURE SENSOR SHALL MODULATE THE AIR VALVE INLET ACTUATOR (M2) TO MAINTAIN SPACE TEMPERATURE. THE ELECTRICAL HEATING CONTACTOR "HC" SHALL ENERGIZE THE HEATING COIL AND SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE IN CASE IT DROPS BELOW SETPOINT.
4. SUPPLY AIR TEMPERATURE SENSOR "TS" SHALL MONITOR THE VAV BOX DISCHARGE TEMPERATURE AND TRIGGER AN ALARM IN CASE DISCHARGE TEMPERATURE IS HIGHER THAN 75F (COOLING) AND LOWER THAN 68F (HEATING).



SHEET TITLE:

CONTROL  
SCHEMATICS

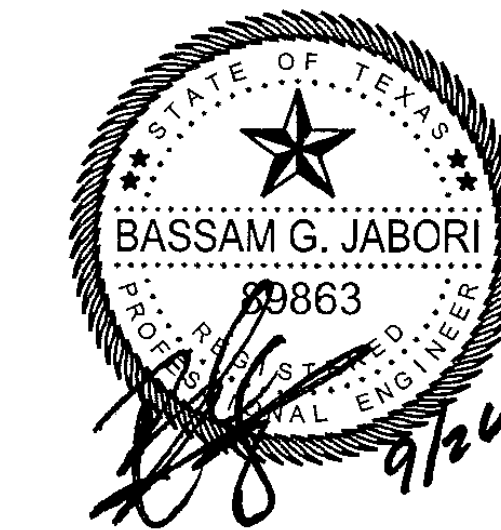
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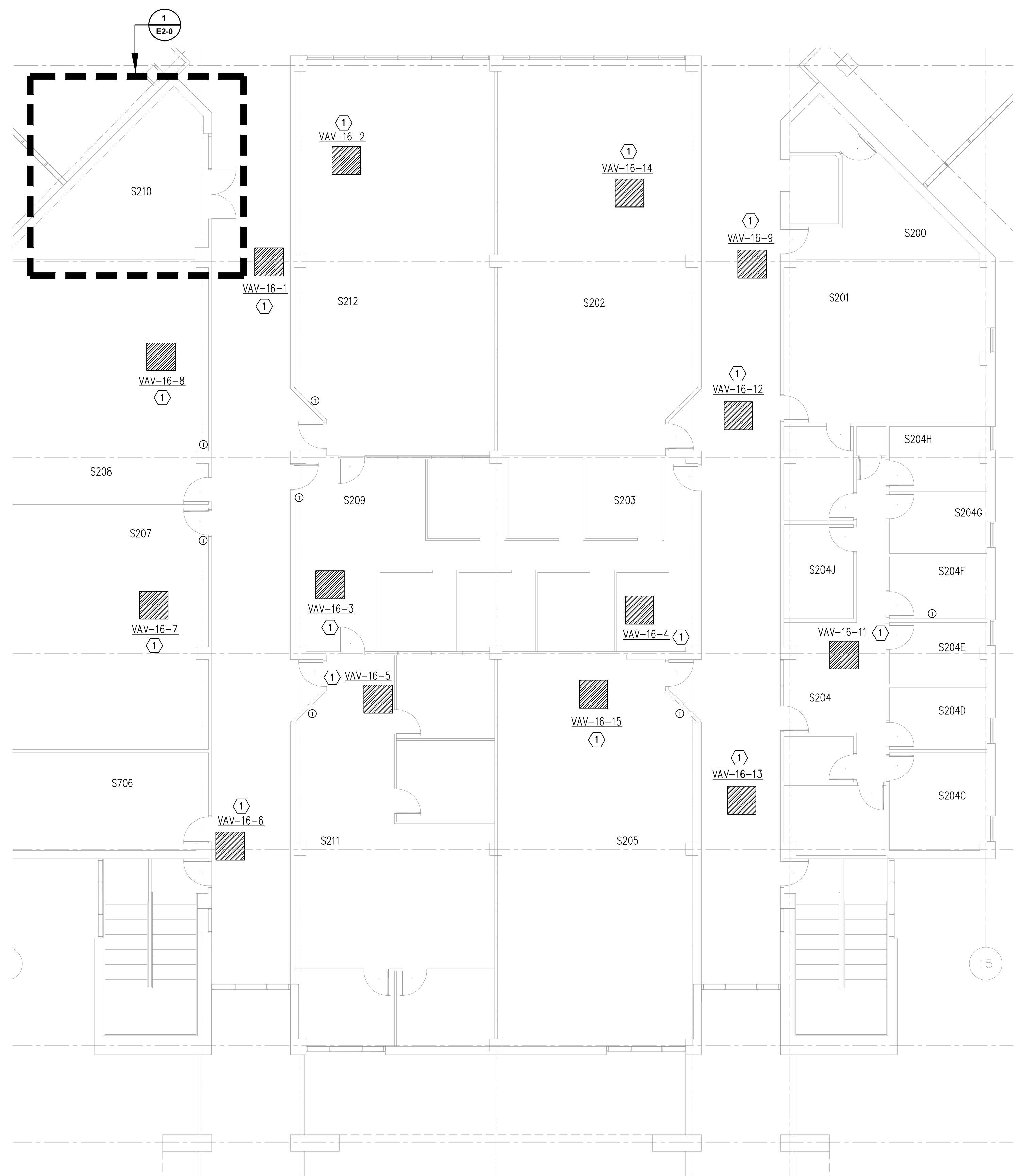
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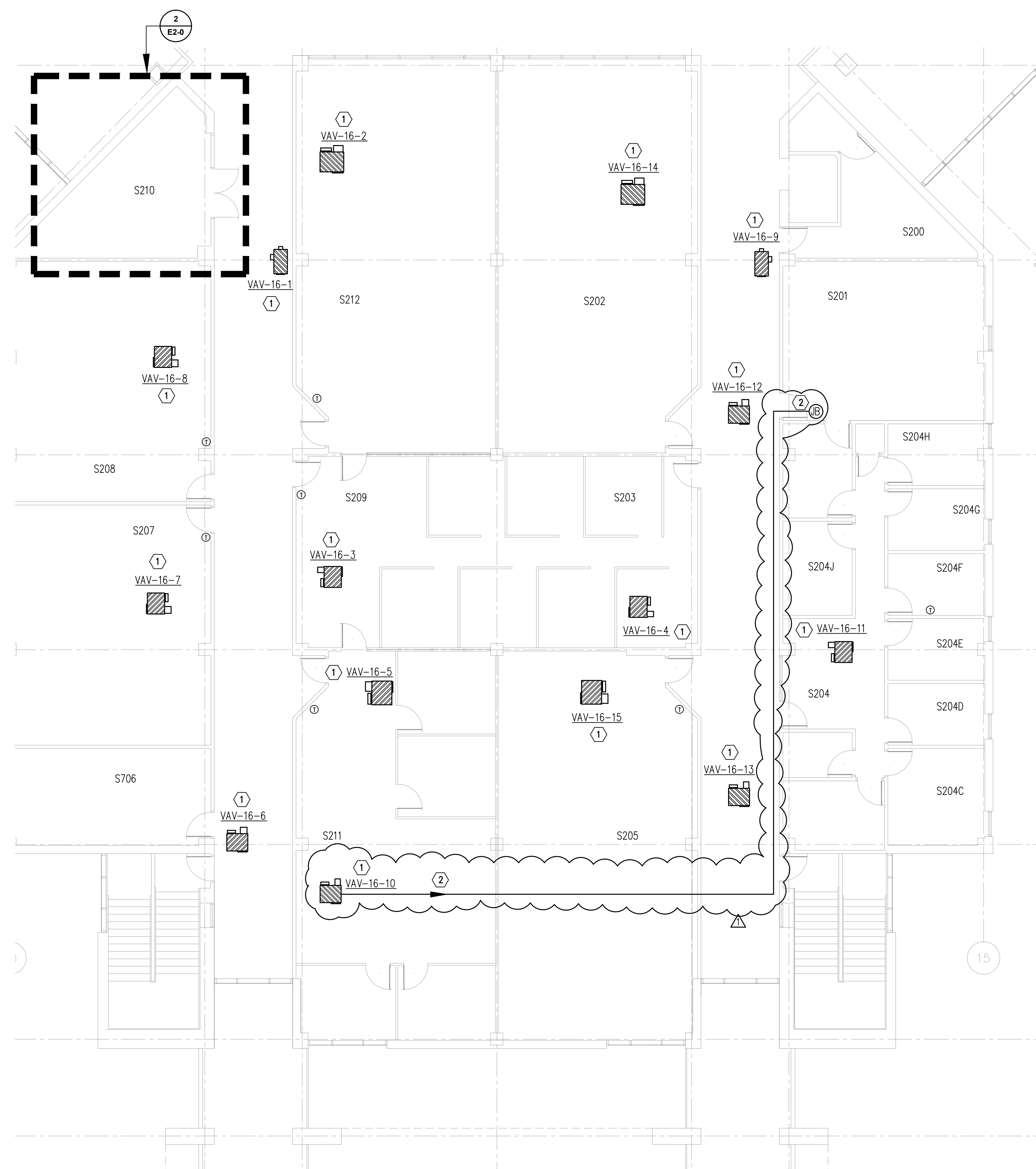
**E1-0**



**1 ELECTRICAL DEMOLITION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**DEMOLITION KEYED NOTES:**

- ① EXISTING FAN-POWERED VAV BOX UNIT SHALL BE REMOVED AND REPLACED WITH NEW UNIT. CONTRACTOR SHALL DISCONNECT EXISTING UNIT BEING REMOVED FROM EXISTING POWER SOURCE. EXISTING WIRING SHALL BE REMOVED AND PULLED BACK TO SOURCE. RETAIN CONDUIT FOR USE WITH NEW CONNECTION. CONTRACTOR SHALL PROVIDE ADDITIONAL CONDUIT, WIRING, JUNCTION BOXES, SUPPORTS, CLAMPS, AND ANY ADDITIONAL ELECTRICAL APPURTENANCES REQUIRED TO ACCOMPLISH RECONNECTION OF THE NEW UNIT.



**2 ELECTRICAL RENOVATION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**RENOVATION KEYED NOTES:**

- ① EXISTING FAN-POWERED VAV BOX UNIT SHALL BE REMOVED AND REPLACED WITH NEW UNIT. CONTRACTOR SHALL DISCONNECT EXISTING UNIT BEING REMOVED FROM EXISTING POWER SOURCE. EXISTING WIRING SHALL BE REMOVED AND PULLED BACK TO SOURCE. RETAIN CONDUIT FOR USE WITH NEW CONNECTION. CONTRACTOR SHALL PROVIDE ADDITIONAL CONDUIT, WIRING, JUNCTION BOXES, SUPPORTS, CLAMPS, AND ANY ADDITIONAL ELECTRICAL APPURTENANCES REQUIRED TO ACCOMPLISH RECONNECTION OF THE NEW UNIT.
- ② UTILIZE THE EXISTING FEEDER THAT WAS SERVING THE REMOVED VAV-16-10 AND RUN A NEW (1) SET OF (2)-12 AWG. (THHN), (2)-12 AWG. EGC., IN A 3/4" RGS CONDUIT AS INDICATED, TO SERVE THE NEW VAV-16-10.