

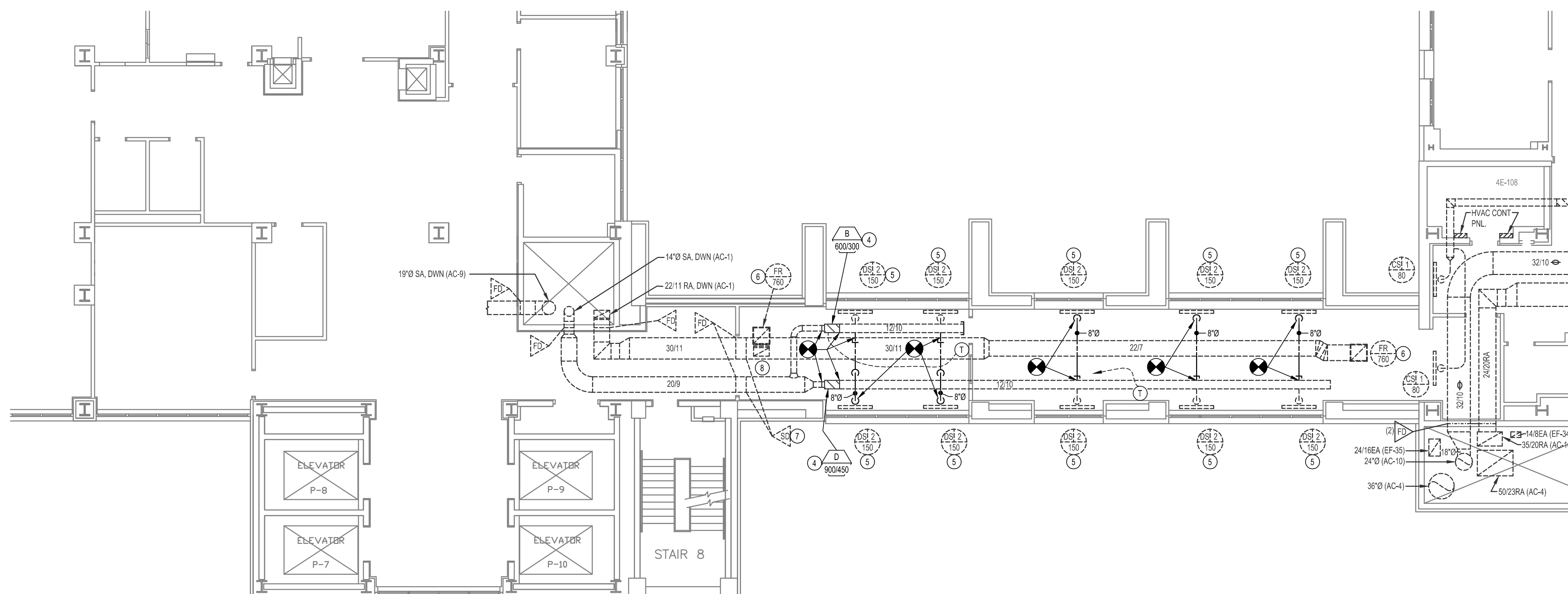
**KEYED NOTES:**

1. REMOVE EXISTING TERMINAL AIR BOX, CONTROLS AND TSTAT. REMOVE PNEUMATIC CONTROL TUBING BACK TO MAIN AND CAP. INSTALL NEW TERMINAL AIR BOX, CONTROLS AND TSTAT. REWORK DUCTWORK AND INSTALL TRANSITIONS AS REQ'D TO INSTALL NEW TERMINAL AIR BOX.
2. REMOVE INDICATED PORTION OF 12\"/>
3. DISCONNECT LINEAR DIFFUSER, REMOVE DUCTWORK BACK TO MAIN. REFER TO HVAC PLAN FOR RECONNECTION.
4. PROVIDE NEW CONTROL WIRING FROM TERMINAL AIR BOX BACK TO EXISTING CONTROL PANEL IN EQUIPMENT ROOM. FIELD VERIFY LOCATION AND POINT CAPACITY. INTEGRATE NEW TERMINAL AIR BOX ONTO EXISTING BMS. PROVIDE GRAPHICS AT OPERATORS WORKSTATION INDICATING SPACE TEMPERATURE SETPOINT, SPACE TEMPERATURE, AIRFLOW, ENTERING AIR TEMPERATURE AND LEAVING AIR TEMPERATURE. PROVIDE NEW 120V CIRCUIT FROM EXISTING ELECTRICAL PANEL IN EQUIPMENT ROOM TO POWER NEW TERMINAL AIR BOX. FIELD VERIFY ELECTRICAL PANEL LOCATION.
5. REBALANCE EXISTING LINEAR DIFFUSERS TO INDICATED CFM. PROVIDE BALANCING DAMPERS AT MAIN TAP AS REQ'D TO BALANCE SYSTEM.
6. REBALANCE EXISTING RETURN GRILLES TO INDICATED CFM. PROVIDE BALANCING DAMPERS AT MAIN TAP AS REQ'D TO BALANCE SYSTEM.
7. FIELD VERIFY SMOKE DAMPER POSITION AND CONDITION OF LINKAGE. IF LINKAGE IS DISCONNECTED, SECURE DAMPER IN OPEN POSITION AND MARK OPEN/CLOSED POSITION ON DUCT.
8. REWORK CEILING GRID AT ACCESS DOORS TO FIRE DAMPERS AND SMOKE DAMPERS TO ALLOW DOORS TO BE OPENED/CLOSED FOR MAINTENANCE. REMOVE SECTION(S) OF GRID AS REQUIRED. PROVIDE ACCESS PANEL(S) AS REQUIRED. ACCESS PANEL COLOR SHALL MATCH CEILING TILE COLOR.

**GENERAL NOTES:**

1. REMOVE AND REINSTALL EXISTING 2X2 LAY-IN CEILING AS REQ'D TO REMOVE/REPLACE EXISTING EQUIPMENT AND INSTALL NEW EQUIPMENT. REPLACE ANY DAMAGED CEILING TILES OR GRID WITH MATERIALS TO MATCH EXISTING CEILING SYSTEM.
2. PATCH AND PAINT ANY WALLS DAMAGED DURING CONSTRUCTION TO MATCH EXISTING WALL COLOR AND TEXTURE.
3. PATCH AND PAINT WALL AROUND TSTATS TO MATCH EXISTING WALL COLOR AND TEXTURE.

**1 LEVEL 4, AREA E: HVAC DEMOLITION PLAN**  
1/8"=1'-0"



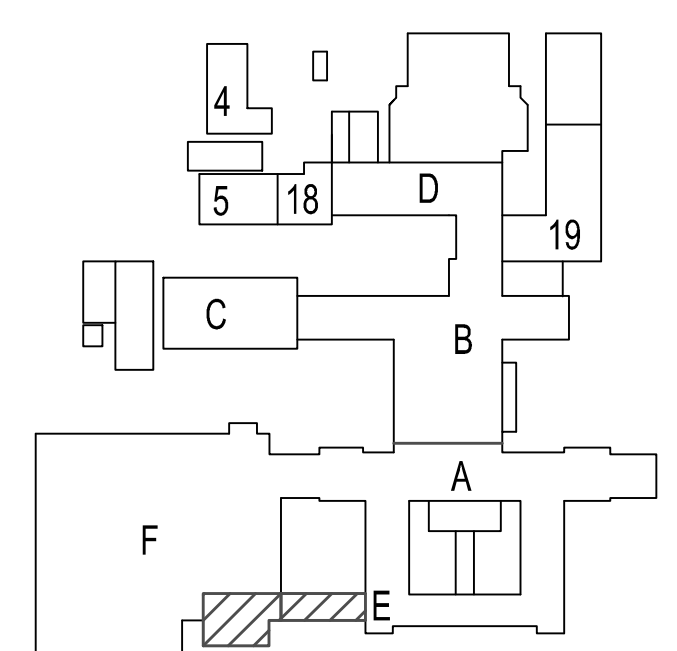
**2 LEVEL 4, AREA E: HVAC PLAN**  
1/8"=1'-0"

**REVISIONS:**

1	3-28-2013

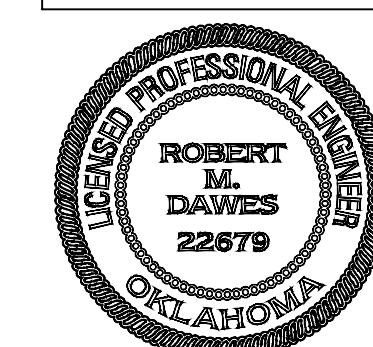
**GENERAL NOTES:**

1. EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. FIELD VERIFY LOCATION, SIZE, ROUTING AND QUANTITY OF ALL EQUIPMENT, PIPING, CONDUIT AND SYSTEMS.
2. SOME EXISTING SYSTEMS AND EQUIPMENT ARE NOT SHOWN FOR CLARITY. FIELD VERIFY EXISTING CONDITIONS.
3. REUSE EXISTING HANGERS AS APPLICABLE. REPAIR/REPLACE/PROVIDE NEW HANGERS AS REQUIRED. REMOVE HANGERS NOT UTILIZED DURING CONSTRUCTION.
4. FIELD VERIFY LOCATION AND ROUTING OF ALL MEDICAL GAS PIPING AND EQUIPMENT. WORK ON THESE SYSTEMS IS NOT INCLUDED IN THE SCOPE OF WORK.



**KEY PLAN**  
NO SCALE

This seal appearing on this document was authorized by Robert M. Dawes, 20079 on 03/05/2013. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.



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OKLAHOMA REGISTERED ENGINEERING FIRM: 5183

Drawing Title  
**LEVEL 4, AREA E: HVAC DEMO & HVAC PLAN**  
Approved: Division Chief  
Approved: Service Director

Project Title  
**CORRECT HVAC DEFICIENCIES IN 5B100 AND BREEZEWAYS**  
Building Number  
**1**  
Checked  
Drawn  
Location  
VA MEDICAL CENTER  
OKLAHOMA CITY, OKLAHOMA

Date  
**MARCH 5, 2013**  
Project No.  
**635-12-313**  
Drawing No.  
**1-M2.00**  
Dwg. 3 of 12

DEPARTMENT of  
VETERANS AFFAIRS