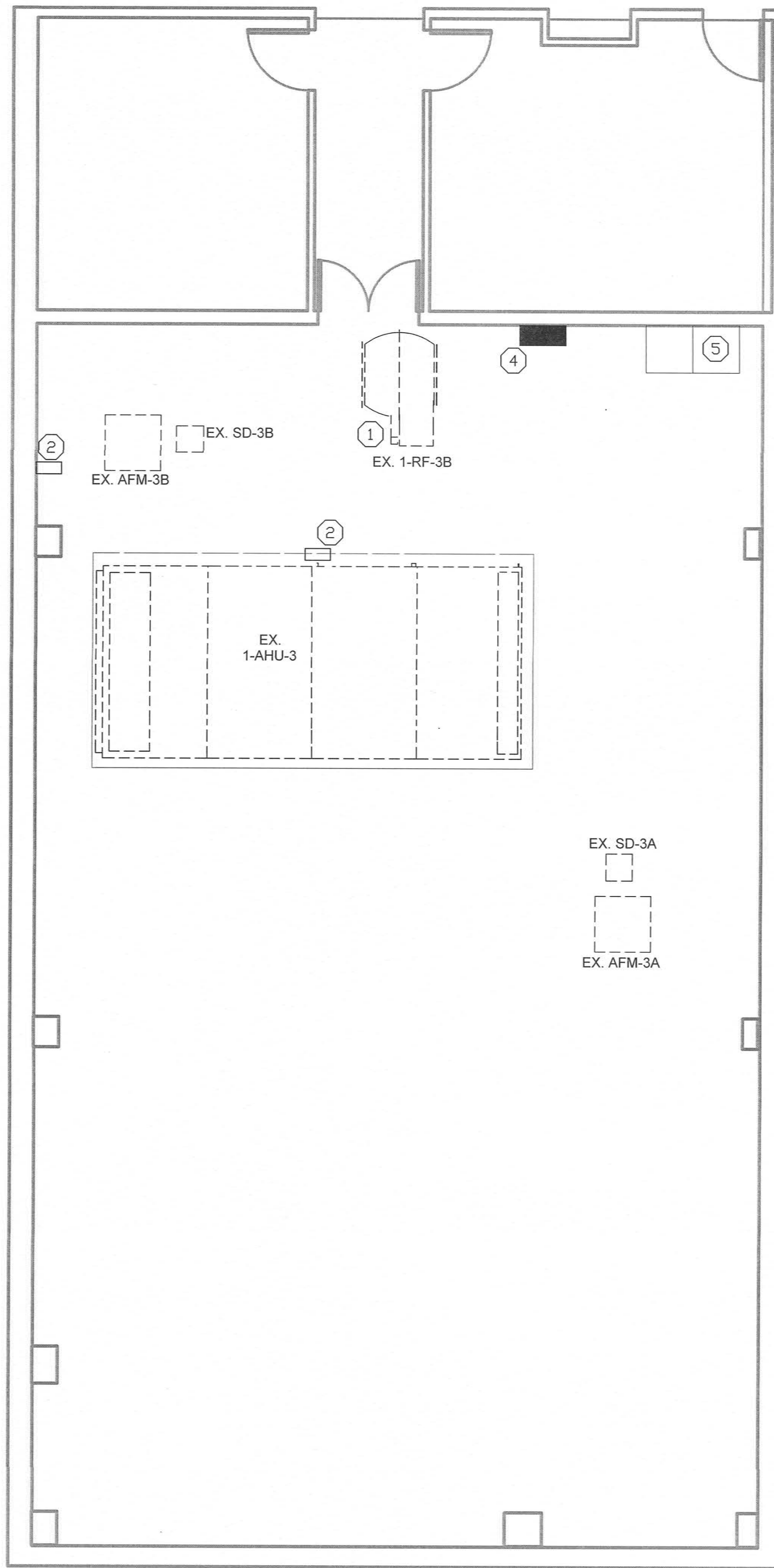
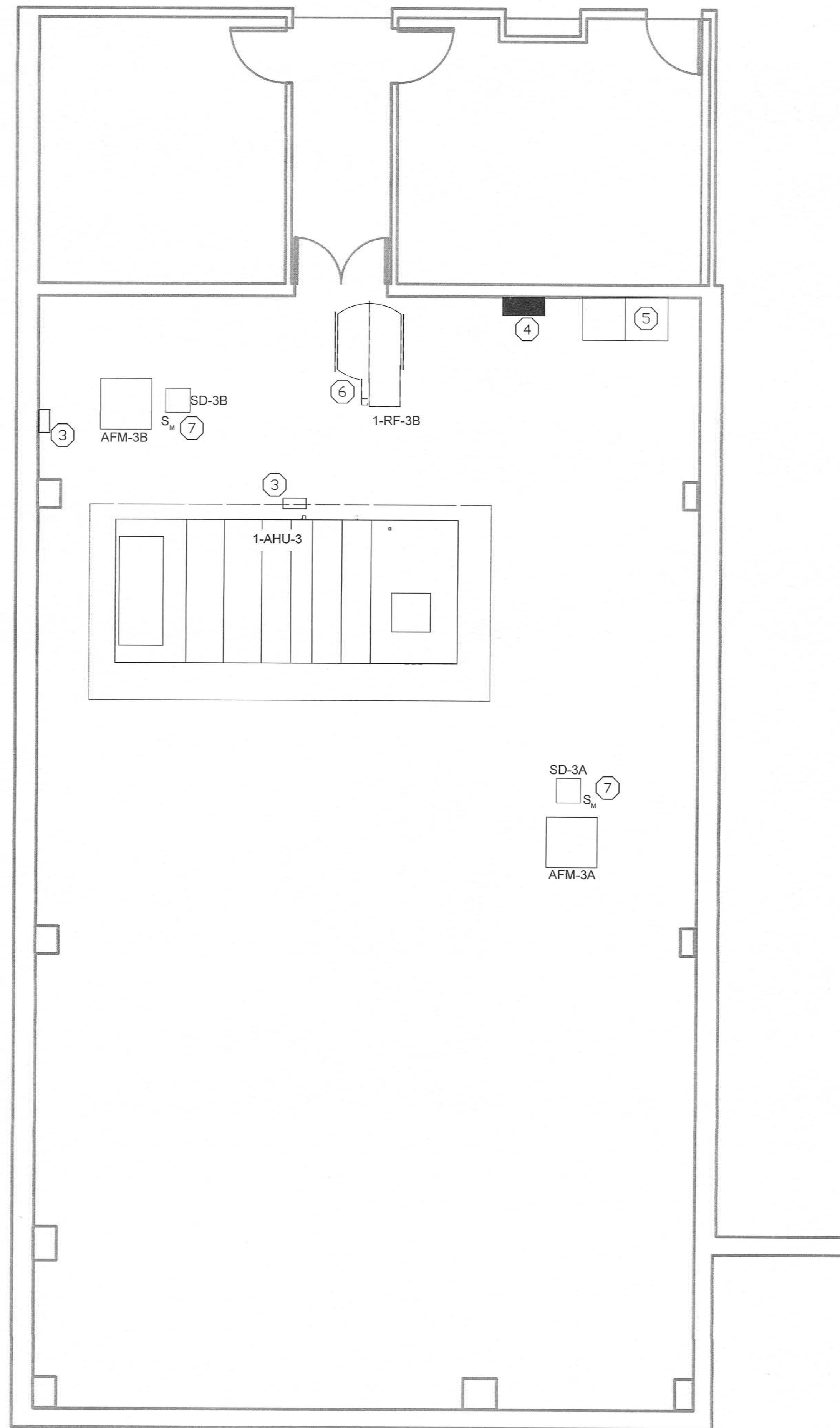


one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



2 FIRST FLOOR ELECTRICAL DEMOLITION PLANS
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR ELECTRICAL PLANS
SCALE: 1/8" = 1'-0"

KEY NOTES

- 1 DISCONNECT POWER FROM EXISTING RETURN FAN AND PROTECT FOR REUSE FOR NEW UNIT.
- 2 EXISTING VFD. DISCONNECT EXISTING POWER FROM EXISTING UNIT AND PROTECT FOR REUSE WITH NEW AHU.
- 3 RECIRCUIT NEW VFD TO EXISTING CIRCUIT PREVIOUSLY SERVING AHU. MAKE ALL FINAL ELECTRICAL CONNECTIONS.
- 4 EXISTING SQUARE D NQOB 120/208V 100A MCB PANEL '1ER' TO REMAIN.
- 5 EXISTING MCC MC1, FED FROM ROOM EB-4 PANEL MS BREAKER 8, TO REMAIN. SQUARE D MODEL 4 CONTROL CENTER. 600A HORIZONTAL BUS, 300A VERTICAL BUS, 600V AC RATED. TO REMAIN.
- 6 RECIRCUIT NEW RETURN FAN TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT. MAKE ALL FINAL ELECTRICAL CONNECTIONS.
- 7 PROVIDE MOTOR-RATED SWITCH AND NEW 120V CIRCUIT CIRCUITED TO NEW 1P-20A BREAKER IN EXISTING PANEL 'ERT1'-25 TO SERVE NEW AIR FLOW MONITOR STATION AND NEW SMOKE CONTROL DAMPER. 2-12 AWG CU, 12 AWG EG, 3/4" EMT. COORDINATE SWITCH LOCATION WITH MECHANICAL CONTRACTOR.
- 8 CONTRACTOR SHALL PROVIDE TEMPORARY POWER CONNECTION TO TEMPORARY HVAC UNIT LOCATED ON ROOF. WHILE NEW AHU IS BEING INSTALLED. EXISTING POWER PREVIOUSLY SERVING AHU BEING DEMOLISHED SHALL BE EXTENDED TO NEW LOCATION. PROVIDE ALL NECESSARY NEMA 3R DISCONNECTS, CONDUCTORS AND CONDUIT TO EXTEND CIRCUITS TO THIS LOCATION. COORDINATE CLOSELY WITH THE MECHANICAL CONTRACTOR. PROVIDE ONE WEATHERPROOF GFI RATED SERVICE RECEPTACLE LOCATED AT THE TEMPORARY UNIT. CIRCUITED TO NEAREST GENERAL PURPOSE RECEPTACLE CIRCUIT IN ROOM WITH 2-12AWG, 1-12 AWG EG IN 3/4" CONDUIT. WHEN TEMPORARY HVAC UNIT IS REMOVED, REMOVE ALL TEMPORARY CONNECTIONS AND CONNECT POWER TO NEW AHU AS INDICATED.

100% CONSTRUCTION DOCUMENTS

CONSULTANTS:		PROJECT MANAGER:		Project Number 2013121	Scale 1/8" = 1'-0"	Drawing Title ELECTRICAL PLANS AHU-3	Project Title REPLACE AIR HANDLING UNITS 3, 14, & 34	VA Project Number 246-13-C-0106	Office of Facilities Management Department of Veterans Affairs
						Approved: Project Director	Location 2300 RAMSEY STREET, FAYETTEVILLE, NC 28301	Building Number 1 AND 3	
Amended Per Owner's Comments No Rev Clouds 10/17/2014						Date 08/28/2014	Checked JKM	Drawn JKM	
Revisions		Date						Dwg. 16 of 18	