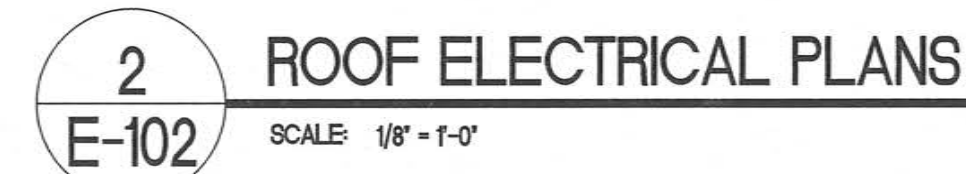




KEYNOTES

- ① EXISTING FAN TO REMAIN.
- ② EXISTING 115V, 3HP FAN TO BE REMOVED. REFER TO DETAIL 2 FOR ADDITIONAL WORK.
- ③ EXISTING 600V RATED, 60 AMP FUSIBLE DISCONNECT SWITCH TO SERVE NEW AHU-14. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS.
- ④ EXISTING 600V RATED, 60A RETURN AIR FUSIBLE DISCONNECT SWITCH TO BE DISCONNECTED FROM UNIT AND RETAINED TO SERVE NEW UNIT.
- ⑤ RECONNECT EXISTING 120 VOLT POWER TO NEW EXHAUST FAN WHICH PREVIOUSLY SERVED EXHAUST FAN. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS. COORDINATE PHASING OF EXHAUST FAN CHANGES WITH MECHANICAL CONTRACTOR.
- ⑥ EXISTING 600V RATED, 60A SUPPLY AIR FUSIBLE DISCONNECT SWITCH TO BE DISCONNECTED FROM UNIT AND RETAINED TO SERVE NEW UNIT.
- ⑦ EXISTING 600V RATED, 100A FUSIBLE DISCONNECT SWITCH SERVING EXISTING CHILLER TO BE DISCONNECTED AND REUSED TO CIRCUIT TO NEW CHILLER WHEN INSTALLED. MAKE ALL FINAL CONNECTIONS TO NEW CHILLER WHEN INSTALLED.
- ⑧ CONNECT CONTROL POWER FOR NEW VAV , CIRCUIT TO CONTROL POWER FROM ADJACENT EXHAUST FAN AS SHOWN.
- ⑨ CIRCUIT EMERGENCY 120V CONTROL POWER FROM LINE SIDE OF NEAREST VAV BOX 120V CONTROLS. CIRCUIT TO ROOM PRESSURE SENSOR AS INDICATED. COORDINATE WITH THE MECHANICAL CONTRACTOR.
- ⑩ CIRCUIT 120V POWER TO A NEW 1 POLE/20 AMP BREAKER LOCATED IN PANEL C21R, SPACE 31, LOCATED IN ROOM 2319 ON FLOOR BELOW. CIRCUIT WITH 2-12 AWG, 1-12 AWG EG IN 3/4" CONDUIT.
- ⑪ CIRCUIT GFI WEATHER PROOF RECEPTACLE FOR HEAT TRACE TO NEW 1 POLE/20 AMP BREAKER LOCATED IN PANEL C21R SPACE 28, LOCATED IN ROOM 2319 ON FLOOR BELOW. CIRCUIT WITH 2-12 AWG, 1-12 AWG EG IN 3/4" CONDUIT.
- ⑫ CONTRACTOR TO TRACE AND IDENTIFY CIRCUITS POWERING EXHAUST FANS (INDICATED TO ORIGINATE IN PANEL MER2 ON EXISTING PLANS), AND LABEL EACH FAN WITH THE CORRESPONDING CIRCUIT NUMBER, USING ENGRAVED PHENOLIC LABELS.
- ⑬ UTILIZE EXISTING GFI RECEPTACLE AT THIS LOCATION AS AN EXISTING ROOF PENETRATION. TO PULL TWO ADDITIONAL CIRCUITS TO ROOF. FROM EXISTING PANEL C21R. RECEPTACLE OUTLET BOX IS TO BE REMOVED AND CONVERTED TO A WEATHER-PROOF JUNCTION BOX. WITH A NEW WEATHER-PROOF GFI RECEPTACLE LOCATED ON TOP OF THE JUNCTION BOX TO REPLACE THE ONE REMOVED. FROM THE NEW JUNCTION BOX, EXTEND TWO ADDITIONAL CIRCUITS TO LOCATIONS INDICATED IN NOTES 8 & 11 ABOVE. UTILIZE EXISTING WIRES AS PULL WIRDS. TO PULL IN A TOTAL OF THREE CIRCUITS (ONE REPLACEMENT CIRCUIT FOR THE WIRING BEING REMOVED, AND TWO ADDITIONAL CIRCUITS FROM PANEL C21R). MAINTAIN CIRCUIT CONTINUITY TO THE EXISTING CIRCUIT.



100% CONSTRUCTION DOCUMENTS

<div>Amended Per Owner's Comments No Rev Clouds</div> <div>10/17/2014</div>		CONSULTANTS:		<div></div>		PROJECT MANAGER:		Project Number 2013121		Scale 1/8" = 1'-0"		Drawing Title ELECTRICAL PLANS AHU-14		Project Title REPLACE AIR HANDLING UNITS 3, 14, & 34		VA Project Number 246-13-C-0106		<div>Office of Facilities Management</div> <div> Department of Veterans Affairs</div>	
		<div></div>				Approved: Project Director		Location 2300 RAMSEY STREET, FAYETTEVILLE, NC 28301		Building Number 1 AND 3		Drawing Number E-102		Dwg. 17 of 18					
								Date 08/28/2014		Checked JKM		Drawn JKM							