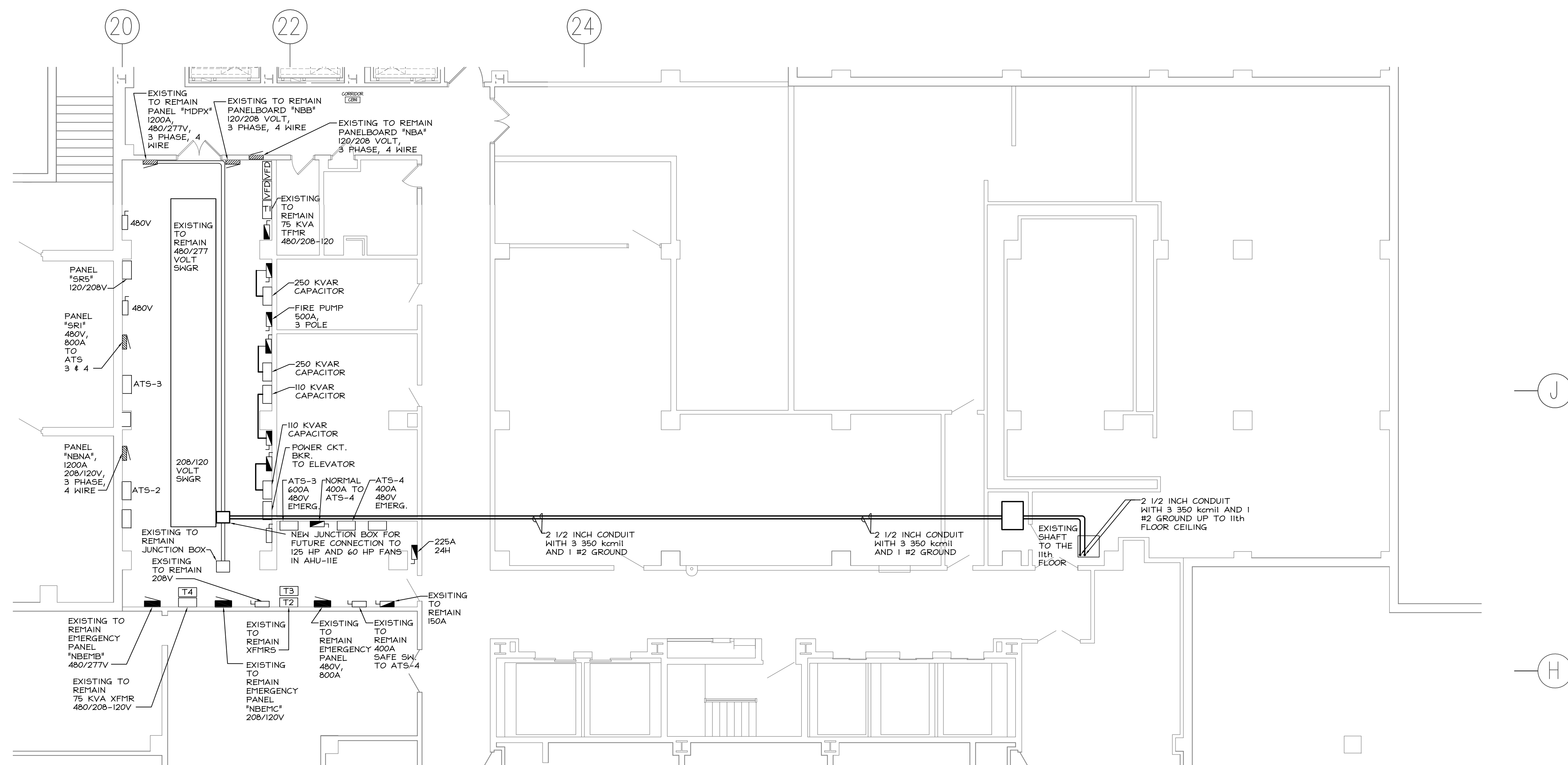


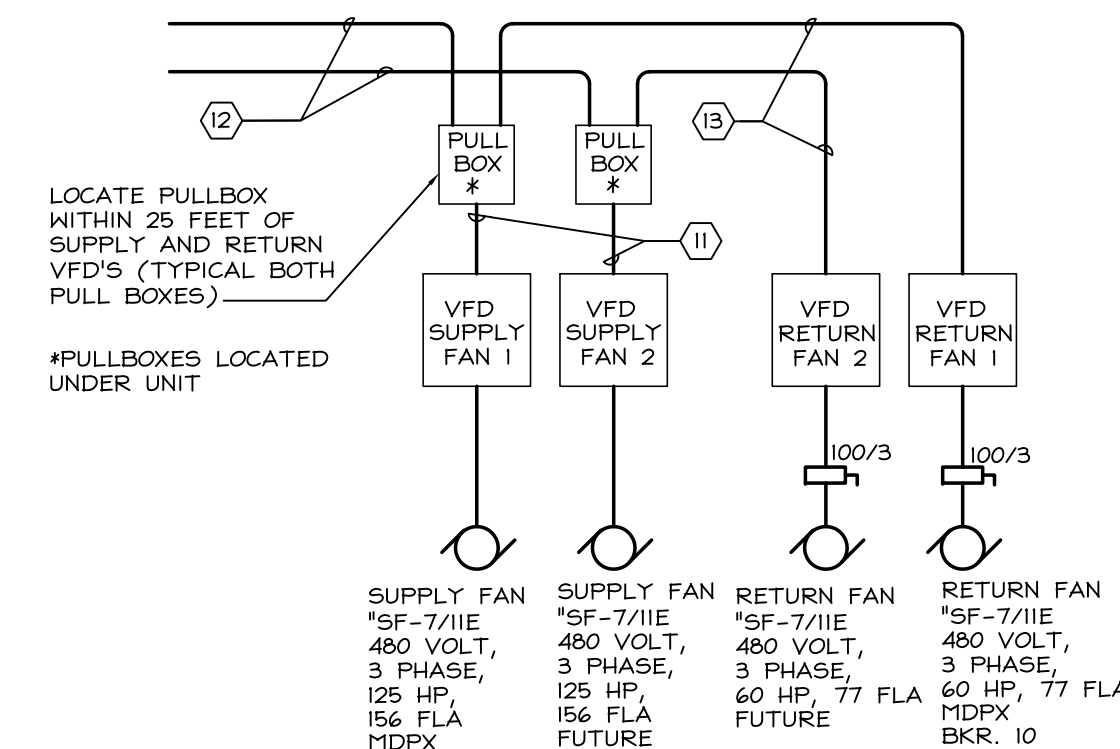
1 PARTIAL ROOF PLAN - ELECTRICAL NEW WORK  
SCALE: 1/8" = 1'-0"



2 PARTIAL BASEMENT FLOORPLAN - ELECTRICAL NEW WORK  
SCALE: 1/8" = 1'-0"

#### NUMBERED NOTES:



1. NON FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE, FURNISHED WITH THE AIR HANDLING UNIT, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR.
2. ROUTE CONDUIT INSIDE MECHANICAL PIPING ON ROOF. PROVIDE SUPPORTS AND HARDWARE REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION.
3. JUNCTION BOX WITH TWO 120 VOLT CIRCUITS FOR CONNECTION TO AIR HANDLING UNIT LIGHTING AND RECEPTACLE CIRCUIT. VERIFY LOCATION OF CONDUIT. PANEL LOCATED ELEVENTH FLOOR.
4. PROVIDE LIGHTNING PROTECTION ON NEW AIR HANDLING UNIT AND GROUND SUPPORT PLATFORM TO MEET APPLICABLE CODE REQUIREMENTS.
5. REMOVE PORTIONS OF EXISTING LIGHTNING PROTECTION CABLE, AIR TERMINALS, ETC. AS REQUIRED TO INSTALL SUPPORTS FOR NEW ROOF TOP AIR HANDLING UNIT. INSTALL NEW GROUND CONDUCTORS, AIR TERMINALS, ETC. REQUIRED TO RECERTIFY EXISTING LIGHTNING PROTECTION SYSTEM.
6. DUCT DETECTOR FURNISHED BY GENERAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR, WIRED TO FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR UNDER THE SUPERVISION OF THE SYSTEM MANUFACTURER (SIMPLEX).
7. VARIABLE FREQUENCY DRIVE, FURNISHED BY THE MECHANICAL CONTRACTOR, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR. COORDINATE LOCATION WITH THE MECHANICAL CONTRACTOR BEFORE INSTALLATION. (SEE DETAIL 14')
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY UNISTRUT, HARDWARE, ETC., AS REQUIRED FOR A COMPLETE INSTALLATION OF DISCONNECT SWITCHES OR VFD'S NEAR ASSOCIATED UNIT. COORDINATE WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION.
9. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT CONNECTION TO THE UNIT. RATING SHALL BE THE SAME AS THE FEEDER CIRCUIT.
10. JUNCTION BOX WITH 120 VOLT CIRCUIT FOR CONNECTION TO "ATC" CONTROL PANEL FOR MECHANICAL EQUIPMENT. VERIFY PANEL LOCATION WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION.
11. PROVIDE 3 #4/0 AND 1 #5 GROUND IN 2-INCH EMT CONDUIT.
12. PROVIDE 3- 350 kcmil AND 1 #2 GROUND IN 2 1/2 INCH CONDUIT. PROVIDE ALL WIRING REQUIRED FOR THE EQUIPMENT OPERATION.
13. PROVIDE 3 #1/0 AND 1 #6 GROUND IN 1 1/2-INCH EMT CONDUIT.



DETAIL 14'  
SCALE: NONE

#### KEY PLAN

NOT TO SCALE

<b>REVISIONS:</b> RECORD DRAWINGS	<b>DATE:</b> 12/15/08	 <b>VAPHs - UD</b> University Drive Pittsburgh, PA 15240		 A full service design/build construction company 436 Butler St. Pittsburgh, PA 15222 Ph: (412) 781-0119 Fax: (412) 781-2100	<b>DRAWING TITLE:</b> PARTIAL ROOF PLAN AND BASEMENT PLAN - ELECTRICAL NEW WORK	<b>PROJECT TITLE:</b> DESIGN BUILD - REPLACE AHU 11E, 10E, 9E, 8E & 7E	<b>DESIGNED BY:</b> RPD	<b>DATE:</b> 11/12/07 <b>SCALE:</b> AS NOTED <b>DRAWING NO.:</b> E-2	<b>DEPARTMENT OF VETERANS AFFAIRS</b>
<b>PROJECT NO.:</b> 646-06-112	<b>CONTRACT NO.:</b> V244C-0017	<b>DESIGNED BY:</b> RPD	<b>DRAWN BY:</b> WB	<b>CHECKED BY:</b> LJL	<b>LOCATION:</b> VAMC UNIVERSITY DR. PITTSBURGH, PA	<b>FILE NO.:</b> 07058	<b>DATE:</b> 11/12/07 <b>SCALE:</b> AS NOTED <b>DRAWING NO.:</b> E-2	<b>DEPARTMENT OF VETERANS AFFAIRS</b>	<b>DEPARTMENT OF VETERANS AFFAIRS</b>