

NORMAL/BRANCH CIRCUIT CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING SEE "GENERAL WIRING NOTES" FOR DETAILS.

NORMAL/EMERGENCY BRANCH CIRCUIT CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING SEE "GENERAL WIRING NOTES" FOR DETAILS.

JUNCTION BOX OR PULLBOX, "J" FOR JUNCTION BOX AND "PB" FOR PULLBOX. ALL BOXES SHALL BE A FLUSH MOUNT WITH THE FINISHED FLOOR. WHEN JUNCTION BOX IS SHOWN FOR SPECIFIC EQUIPMENT, EXTEND FEEDLINE CONDUIT AND WIRING AND CONNECT TO EQUIPMENT SERVED OR PROVIDE PROPER TYPE RECEPTACLE FOR CONNECTION, AS REQUIRED.

SINGLE POLE TIGHTLY SWITCHED, 20 AMPERE, 120/277 VOLT, SPECIFICATION GRADE, MOUNTED 4 FEET 0 INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. HOSPITAL GRADE, HUBBELL CATALOG NO. 8300.

DUPLEX RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEHA 5-20P, MOUNTED FOOT 6 INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. HOSPITAL GRADE, HUBBELL CATALOG NO. 8300.

GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEHA 5-20P, MOUNTED 3 FOOT 4 INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. HOSPITAL GRADE, HUBBELL CATALOG NO. GF-8300.

PANELBOARD, MOUNTED 6 FEET 6 INCHES ABOVE FINISHED FLOOR TO TOP OF CABINET UNLESS OTHERWISE NOTED. SEE "PANELBOARD SCHEDULE" FOR NUMBER AND SIZE OF OVERCURRENT DEVICES.

NORMAL/EMERGENCY PANELBOARD, MOUNTED 6 FEET 6 INCHES ABOVE FINISHED FLOOR TO TOP OF CABINET UNLESS OTHERWISE NOTED. SEE "PANELBOARD SCHEDULE" FOR NUMBER AND SIZE OF OVERCURRENT DEVICES.

ENCLOSED CIRCUIT BREAKER, "100/3" DENOTES 100 AMPERE, 3 POLE NEPA 1 ENCLOSURE UNLESS OTHERWISE NOTED.

NON-FUSIBLE SAFETY SWITCH, SIZE AND CIRCUIT NUMBER AS SHOWN ON THE DRAWINGS. INDIVIDUALLY MOUNTED ABOVE FINISHED FLOOR, "100/3" DENOTES 100 AMPERE, 3 POLE, "3M" DENOTES NEHA 3K ENCLOSURE. (NOTATIONS TYPICAL).

VARIABLE FREQUENCY DRIVE, CIRCUIT NUMBER AS SHOWN ON THE DRAWINGS INDIVIDUALLY MOUNTED. FURNISHED BY THE MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.

MOTOR, SIZE AND CIRCUIT NUMBER AS SHOWN ON THE DRAWINGS.

GROUND CONDUCTOR CONNECTED TO AIR TERMINAL OR EQUIPMENT STRUCTURE FOR LIGHTNING PROTECTION SYSTEM.

AIR TERMINAL FOR LIGHTNING PROTECTION SYSTEM.

NOTE NUMBER REFERENCE, DENOTES "SEE NUMBERED NOTE ! THIS DRAWING".

[illegible]

① PROVIDE 3 350 kcmil AND 1 #2 GRD. IN 2 1/2" CONDUIT.
② SPARE BREAKER POSITIONS SCHEDULED FOR OTHER PROJECTS

EXISTING ELECTRICAL EQUIPMENT AND WIRING TO REMAIN.
NEW ELECTRICAL EQUIPMENT AND WIRING.



REVISIONS:		DATE		<div><div>VAPHS · UD University Drive Pittsburgh, PA 15240</div></div>		<div><div>A full service design/build construction company 436 Butler St. Pittsburgh, PA 15229 Ph: (412) 781-0119 Fax: (412) 781-2165</div></div>				DRAWING TITLE		PROJECT TITLE		DATE		DEPARTMENT OF VETERANS AFFAIRS					
RECORD DRAWINGS		12/15/08										SYMBOLS, DETAILS AND SINGLE LINE DIAGRAM		DESIGN BUILD - REPLACE AHU 11E,10E, 9E, 8E & 7E			11/12/07				
												SCALE: AS NOTED		DRAWING NO. E-1							
										PROJECT NO. 646-06-112		CONTRACT NO. V244C-0017			DESIGNED BY: RPD		DRAWN BY: WB		CHECKED BY: LJL		
										BUILDING NO. 1		JOB NO. XXXXX TUBE NO. XXXXX			LOCATION VAMC UNIVERSITY DR. PITTSBURGH, PA						