ELECTRICAL LEGEND

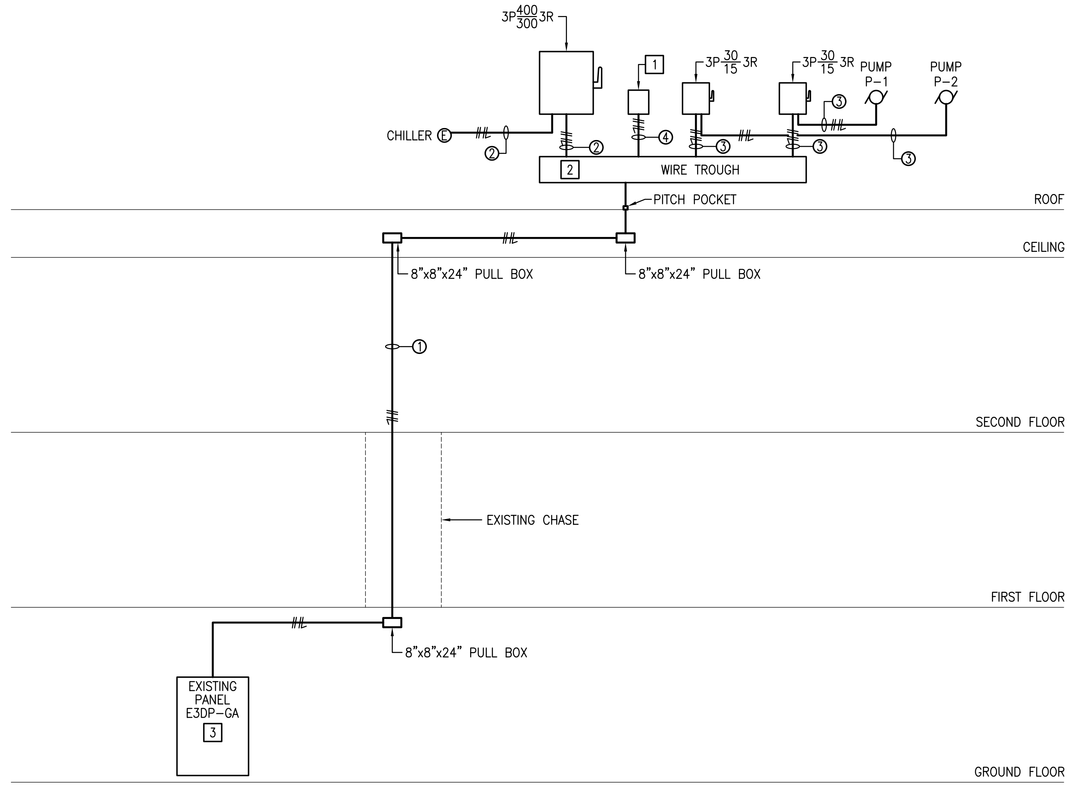
	PANELBOARD, 208/120 VOLT, 3 PHASE, 4 WIRE, SOLID NEUTRAL.
	PANELBOARD 480/277 VOLT, 3 PHASE, 4 WIRE, SOLID NEUTRAL.
#E	BRANCH CIRCUITS CONDUCTORS IN CONDUIT, RUN CONCEALED IN WALLS UNDERGROUND AND ABOVE CEILING EXCEPT IN EXPOSED CONSTRUCTION AREAS. TICK MARKS INDICATE NUMBER OF PHASE AND NEUTRAL CONDUCTORS IF OTHER THAN TWO. GROUND CONDUCTOR IS INDICATED AS (7). REFER TO PANELBOARD SCHEDULES FOR CONDUCTOR SIZES.
H-1	HOMERUN TO PANELBOARD, PANELBOARD AND CIRCUIT DESIGNATION AS INDICATED.
	WIRING AND CONDUIT TURNED UP.
	MOTOR CONNECTION.
3P 60/40 3R	DISCONNECT SWITCH, 240 OR 600 VOLTS AS REQUIRED, AMPS AND POLES, FUSING AS NOTED. 3P = NUMBER OF POLES, 60 = SWITCH AMPERE RATING, 40 = FUSE AMPERE RATING (NF = NON-FUSED), 3R = ENCLOSURE NEMA RATING IF OTHER THAN NEMA 1.

NOTES THIS SHEET

1. PROVIDE A 1.5 kVA TRANSFORMER RATED 480 VOLT, 1 PHASE PRIMARY, 120 VOLT, 1 PHASE SECONDARY AND A DUPLEX GFI RECEPTACLE RATED 120 VOLT, 1 PHASE IN A NEMA 3R ENCLOSURE. PROVIDE PRIMARY AND SECONDARY OVERCURRENT PROTECTION OF THE TRANSFORMER.
2. SUPPORT WIRE TROUGH, DISCONNECT SWITCHES AND TRANSFORMER ENCLOSURE FROM CHILLER STRUCTURAL SUPPORT. PROVIDE HARDWIRE AS REQUIRED.
3. PROVIDE A 400 AMP, 3 POLE, 480 VOLT CUTLER HAMMER #KT3400T CIRCUIT BREAKER IN EXISTING CUTLER HAMMER PRL4 PANELBOARD. REARRANGE EXISTING CIRCUIT BREAKERS AS REQUIRED AND PROVIDE ALL NECESSARY MOUNTING HARDWARE. RETYPE PANEL DIRECTORY TO REFLECT CHANGES.

FEEDER SCHEDULE

FEEDER NUMBER	CONDUIT NO.	CONDUIT SIZE	CONDUCTOR QUANTITIES & SIZES PER CONDUIT	NOTES
1	1	3"	THREE 500 kcmil, (1)-#2 GND	
2	1	2-1/2"	(3)-#4/0, (1)-#2 GND	
3	1	1/2"	(3)-#12, (1)-#12 GND	
4	1	1/2"	(2)-#12, (1)-#12 GND	



PARTIAL POWER RISER DIAGRAM
NO SCALE

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CHILLER FOR O.R. SUITE AIR-HANDLING UNIT

WILMINGTON, DE

APPROVED BY PROJECT ENGINEER	APPROVED BY CHIEF ENGINEER/ FACILITIES MANAGER
APPROVED BY VISION 4 SAFETY OFFICER	APPROVED BY INFECTION CONTROL OFFICER
	APPROVED BY CHIEF OF STAFF
	APPROVED BY CENTER DIRECTOR

NO.	REVISIONS	DATE

DRAWING TITLE
ELECTRICAL RISER DIAGRAM & DETAILS

DWG.	PROJECT NO.	DATE
E101	**460-06-01**	**4/20/06**

CONSTRUCTION MANAGEMENT
Department of Veterans Affairs