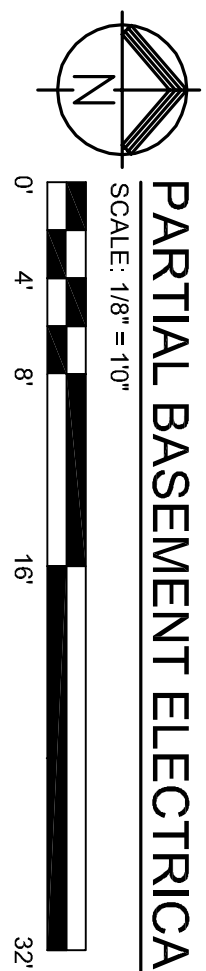


CODED NOTES:

- ① REFER TO POWER DISTRIBUTION ONE-LINE DIAGRAM FOR ADDITIONAL WORK IN EXISTING SWITCHBOARD USS-EC3.
- ② PANELBOARD DP22.
- ③ ROUTE CONDUITS TO CHILLERS, PUMPS AND FLUID COOLERS THROUGH EXISTING CHILLER/PUMP ROOM.
- ④ PROVIDE NEW SURFACE MOUNTED STEEL RACKWAY (WIREMOLD #64000 SERIES OR SIMILAR) WITH (2) CHANNELS (TOP = POWER, BOTTOM = VOICE/DATA) WITH DUNDER MOUNTED 9" COMPONENTS (TELBOS, COUPLERS, ENDOCHS, ETC.) NECESSARY FOR A COMPLETE INSTALLATION.
- ⑤ EXISTING PANEL, 725WZ, 100A, 208/120V-3-4W. PROVIDE UPDATED TYPED PANELBOARD SCHEDULE.
- ⑥ EXISTING TELEFON BOARD TP*, INCLUDING THE FOLLOWING TERMINATION BOARDS:
 - A. EXISTING (340) PAIR, 110 PITCH PACE FOR TERMINATION OF VOICE OUTLET CABLES.
 - B. EXISTING (48) PORT CATE PATCH PANEL FOR TERMINATION OF DATA OUTLET CABLES.
- ⑦ NEW POWER DISTRIBUTION PANEL, DP253, 800A, 480/277V-3-4W, MOUNT DP253 ON STIFF CHANNEL SUPPORT PANEL. PROVIDE (2) NEW WALKWAY TO DP253. REFER TO POWER DISTRIBUTION ONE-LINE DIAGRAM AND PANEL SCHEDULES ON SUBSEQUENT DRAWINGS FOR ADDITIONAL REQUIREMENTS.

EQUIPMENT CONNECTION SCHEDULE						
EQUIPMENT	LOAD	WOLVES-PI	COMPRESSOR	FED FROM	EXPOSED SURF	NOTES
NO.	NO./WTR			BRK		
POH-1	322MCA	460V-3ø	INTERGRAL	500A-3P	(2)2.5"ø x 1 #1/065	2.3
POH-2	322MCA	460V-3ø	INTERGRAL	500A-3P	(2)2.5"ø x 1 #250KVA & 1 #1/065	2.5
P-1A	25HP	460V-3ø	VSD	60A-3P	1"ø-3 #8 & 1 #8EG	1.2
P-1B	25HP	460V-3ø	VSD	60A-3P	1"ø-3 #8 & 1 #8EG	1.2
P-2A	15HP	460V-3ø	VSD	40A-3P	1"ø-3 #8 & 1 #8EG	1.2
P-2B	15HP	460V-3ø	VSD	40A-3P	1"ø-3 #8 & 1 #8EG	1.2
FC-1	27.3MCA	460V-3ø	VSD	40A-3P	1"ø-3 #8 & 1 #8EG	2.5.4
FC-2	27.3MCA	460V-3ø	VSD	40A-3P	1"ø-3 #8 & 1 #8EG	2.5.4

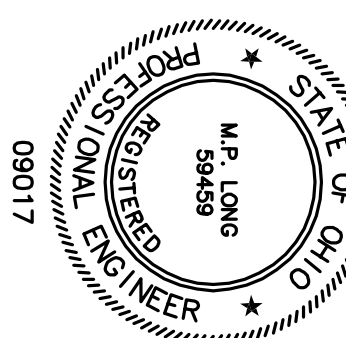
1. CONTRACTOR SHALL PROVIDE VARIABLE SPEED MOTOR CONTROLLER (VSD) MOUNTED ON EQUIPMENT STEEL SUPPORT SYSTEM (UNSTEEL OR SILLAGE) SEPARATE FROM MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
2. PROVIDE LIQUID TIGHT FEMALE NEMA CONDUIT FOR FINAL CONNECTION (NOT TO EXCEED 6'-0" WITHOUT APPROVAL FROM C.O.I.R.) TO ALL MOTORS.
3. CONNECT TO SINGLE POINT POWER CONNECTOR IN CONTROLLER. PROVIDE NEMA 4 NON-PISTED SWITCH FOR LOCAL DISCONNECT.
4. REFER TO DRAWING 5-E-3 FOR EQUIPMENT LOCATED ON ROOF.

[illegible]

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Drawing Title ENERGY CENTER BASEMENT ELECTRICAL PLAN		Project Title ENERGY CENTER CONSERVATION UPGRADES		Project Number VAG204-D-0386	
Approved: Project Director		Location VAMC - WADE PARK		Building Number 1	
		Drawing Number 5-E2		Dwg. of	
Date 05-24-11		Checked MPL	Drawn TWM	Department of Veterans Affairs	