

1

2

3

4

5

6

7

8

9

Three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

A

B

C

D

E

F

No.

Description

Date

DD#1

DD#2

CD#1

CD#2

FINAL SUBMITTAL

Revisions:

07/09/2012

08/13/2012

09/24/2012

11/02/2012

05/07/2013

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Drawing Title

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

Approved: Project Director

Project Title

VA Erie Parking Structure

Location
Erie, PA

Date
9/24/2013

Checked
MSB

Drawn
SRH

Project Number
11159.00

Building Number

Drawing Number
E-612

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

1

2

3

4

5

6

7

8

9

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

DESCRIPTION	LOCATION	VOLTS/PHASE	KVA	HP	FLA	RLA	MCA	MOCP	CONNECTION	CONDUIT / WIRE (AWG)	PANEL	NOTES
ACU-2	102	208V/1PH	-	-	-	-	0.4	15	NSS	2-#10, #10 GND IN 3/4" C.	LP	-
ACU-3	101	208V/1PH	-	-	-	-	1.4	15	NSS	2-#10, #10 GND IN 3/4" C.	LP	-
ACU-4	201	208V/1PH	-	-	-	-	1.4	15	NSS	2-#10, #10 GND IN 3/4" C.	LP	-
ACU-5	105	-	-	-	-	-	-	-	NSS	(REFER TO NOTE #1)	-	1
CU-1	200	480V/3PH	-	-	-	12.8	21	30	NSS	3-#10, #10 GND IN 3/4" C.	HP	-
CU-2	100	208V/1PH	-	-	-	4.6	14.5	15	NSS	2-#10, #10 GND IN 3/4" C.	EP	-
EF-1	204	120V/1PH	-	1/6	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
EF-2	103	120V/1PH	-	1/4	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
EF-3	107	120V/1PH	-	1/4	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
SF-1	102	120V/1PH	-	1/40	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
SF-2	106	120V/1PH	-	1/40	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
SF-3	105	120V/1PH	-	1/40	-	-	-	-	CMS	2-#10, #10 GND IN 3/4" C.	LP	-
SP-1	ELEV PIT	480V/3PH	-	1/2	-	-	-	-	NSS	3-#10, #10 GND IN 3/4" C.	HP	-
UH-1	106	277V/1PH	5.0	-	-	-	-	-	NSS	2-#10, #10 GND IN 3/4" C.	HP	-
UH-2	104	480V/3PH	7.5	-	-	-	-	-	NSS	3-#10, #10 GND IN 3/4" C.	HP	-
UH-3	103	277V/1PH	5.0	-	-	-	-	-	NSS	2-#10, #10 GND IN 3/4" C.	HP	-
UH-4	107	277V/1PH	5.0	-	-	-	-	-	NSS	2-#10, #10 GND IN 3/4" C.	HP	-

MECHANICAL EQUIPMENT CONNECTION NOTES

GENERAL NOTES

KEY NOTES

1. PROVIDE ALL EQUIPMENT IN SCHEDULE UNLESS OTHERWISE NOTED.

2. VERIFY EXACT EQUIPMENT ELECTRICAL LOAD CHARACTERISTICS WITH FINAL APPROVED PRODUCT DATA SHEET SUBMITTALS PRIOR TO ELECTRICAL ROUGH-IN.

3. REFER TO POWER DISTRIBUTION ONE LINE DIAGRAMS FOR ADDITIONAL INFORMATION.

1. MECHANICAL UNIT POWER AND CONTROL WIRING TO BE ROUTED FROM CU-2. PROVIDE WIRE AND CONDUIT AS DIRECTED BY MECHANICAL EQUIPMENT MANUFACTURER.

MECHANICAL EQUIPMENT CONNECTION LEGEND

CMS = COMBINATION MAGNETIC STARTER	JB = JUNCTION BOX, MIN. 4" SQUARE STEEL	SPC = SINGLE POINT CONNECTION
DR = DUPLEX RECEPTACLE	MMS = MANUAL MOTOR STARTER	SR = SINGLE RECEPTACLE
FSS = FUSIBLE SAFETY SWITCH	NSS = NON-FUSIBLE SAFETY SWITCH	VFD = VARIABLE FREQUENCY DRIVE

FINAL SUBMITTAL