

GENERAL NOTES:

1. ALL WORK PERFORMED SHALL IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCE, AND REGULATIONS OF THE LOCAL AND STATE GOVERNING AUTHORITIES, AND SEPARATE "SITE SAFETY MANUAL".
2. THESE DRAWINGS, BY THEIR NATURE, CAN NOT REVEAL ALL CONDITIONS THAT EXIST ON SITE. SHOULD CONDITIONS FOUND TO VARY SUBSTANTIALLY FROM THE REPORT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
3. REFER TO GENERAL CONSTRUCTION, PLUMBING, AND HVAC DRAWINGS FOR FULL SCOPE OF NEW WORK THAT MAY AFFECT ELECTRICAL CONTRACT INCLUDING BUT NOT LIMITED TO NEW OPENINGS IN SLABS AND EXISTING WALLS. REFER TO DRAWING E001 FOR SYMBOLS AND ABBREVIATIONS.

ELECTRICAL CONNECTIONS SCHEDULE - LEVEL 1

MARK	CONNECTION CHARACTERISTICS				COMMENTS	WIRE SIZE	CONDUIT SIZE	PANEL & CIRCUIT		DETAIL
	AMPS	KW	VOLTS	PH				PANEL	CIRCUIT NUMBER	
1	15.0 A	3.12 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	2.4	VAV-1
2	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	5.7	VAV-2
3	12.0 A	2.50 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	6.8	VAV-3
4	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	9.11	VAV-4
5	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	10.12	VAV-5
6	12.0 A	2.50 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	13.15	VAV-6
7	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	14.16	VAV-7
8	9.0 A	1.87 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	17.19	VAV-8
9	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	10.12	VAV-11
10	24.0 A	4.99 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#10 & 1#10 GRD	3/4"	LV2	13.15	VAV-12
11	6.0 A	0.06 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	18.20	EF-1
12	7.5 A	6.24 kW	480 V	3	PROVIDE WITH FUSED DISC, FUSED AT 10A	3#12 & 1#12 GRD	3/4"	1HA	1.35	DH-1
13	7.5 A	6.24 kW	480 V	3	PROVIDE WITH FUSED DISC, FUSED AT 10A	3#12 & 1#12 GRD	3/4"	1HA	2.46	DH-2
14	2.7 A	2.24 kW	480 V	3	PROVIDE WITH FUSED DISC, FUSED AT 3.5A	3#12 & 1#12 GRD	3/4"	1HA	7.9.11	ERV-1
15	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	M-LAB	1.3	VAV-9
16	6.0 A	1.25 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	LV2	9.11	VAV-10
17	9.0 A	1.87 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	LV2	1.3	EHUH-1
18	9.0 A	1.87 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	LV2	2.4	EHUH-2
19	9.0 A	1.87 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	LV2	5.7	EHUH-3
20	9.0 A	1.87 kW	208 V	1	PROVIDE WITH MANUAL MOTOR STARTER AND OVERLOADS	2#12 & 1#12 GRD	3/4"	LV2	6.8	EHUH-4

ELECTRICAL KEYNOTES

Key Value	Keynote Text
1	EC TO FURNISH AND INSTALL WIRING DEVICES IN HEAD PANEL. SEE ARCHITECTURAL DRAWINGS FOR FINAL ELEVATIONS. EC TO COORDINATE WITH OWNER FOR ANY DATA DEVICES REQUIRED FOR HEAD PANEL. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
2	EC TO CONNECT CIRCUIT TO EMERGENCY PANEL. GEN IN ELECTRIC ROOM AT BASEMENT LEVEL. FURNISH AND INSTALL 20A/1P BREAKER IN PANEL. NEW BREAKER TO MATCH MAKE, MANUFACTURER, AND AIC RATING OF EXISTING PANEL.
3	IN THIS AREA, EC TO RUN CONDUCTORS AND CONDUIT FOR SPARE CIRCUIT TO A JUNCTION BOX IN CEILING SPACE. JUNCTION BOX TO BE MARKED AS SPARE WITH CIRCUIT NUMBER AND PANEL. SEE PANEL SCHEDULE "P-LAB" FOR MORE INFORMATION.
4	IN THIS AREA, EC TO RUN CONDUCTORS AND CONDUIT FOR SPARE CIRCUIT TO A JUNCTION BOX IN CEILING SPACE. JUNCTION BOX TO BE MARKED AS SPARE WITH CIRCUIT NUMBER AND PANEL.
5	UTILIZE EXISTING SPARE IN EXISTING PANEL FOR CIRCUIT.
6	CONNECT TO EXISTING BREAKER IN EXISTING PANEL "LV" MADE SPARE VIA DEMOLITION.
7	EC TO FURNISH AND INSTALL RECEPTACLE (CAT# HUBBELL WBSA2BK OR APPROVED EQUAL) AT EACH COUNTER TOP LOCATION. EC TO USE COLUMN AND WIREMOLD TO RUN ALL POWER AND DATA TO PHELEBOTOMY ISLAND.
8	REINSTALL AND CONNECT EXISTING FIRE ALARM DEVICE SAVED FROM DEMOLITION IN NEW WALL BOX TO EXISTING FIRE ALARM SYSTEM. EXTEND AND MODIFY CONDUIT AND CABLING AS NEEDED.
9	EC TO FURNISH AND INSTALL WIRING DEVICES IN WALL FOR MOVABLE BED HEAD PANEL POWER. SEE ARCHITECTURAL DRAWINGS FOR FINAL ELEVATIONS. EC TO COORDINATE WITH OWNER FOR ANY DATA DEVICES REQUIRED FOR HEAD PANEL. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
10	EC TO REUSE EXISTING BACK BOX AND CONDUIT SAVED FROM DEMOLITION.
11	EC TO RUN SIX STRAND INDOOR RATED, PLENUM RATED, ARMORED, MULTI-MODE OM4 50/125 FIBER LINE FROM OWNER FURNISHED DATA RACK TO EXISTING IT DATA RACK IN BASEMENT NEAR SERVER ROOM 005.

PROJECT INFORMATION

Client Name

EC3

Project Name

WEST CAMPUS RENOVATIONS
(HEALTH LAB)

Project Address

2403 W 8TH STREET
ERIE, PA 16505

PROJECT ISSUE & REVISION SCHEDULE

Rev

1

05/09/2025

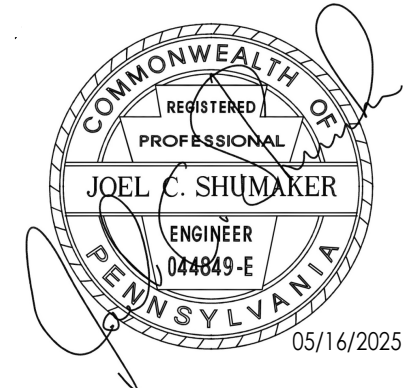
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2

05/16/2025

BD ADD 04

PROFESSIONAL STAMPS



SHEET INFORMATION

Date

25.04.04

Scale

As indicated

Project Status

PERMIT SUBMISSION / BID DOCUMENTS

Drawn By

MPS

Checked By

LES

Drawing Title

LEVEL 1 PLAN - POWER & SYSTEMS

Drawing Number

EP201