

PROJECT INFORMATION

Project Number
R24.15543.00

Client Name

EC3

Project Name

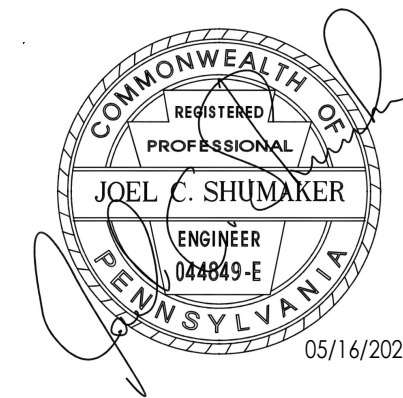
WEST CAMPUS RENOVATIONS
(HEALTH LAB)

Project Address
2403 W 8TH STREET
ERIE, PA 16505

PROJECT ISSUE & REVISION SCHEDULE

Issue Description
1 05/16/2025 BID ADD 04

PROFESSIONAL STAMPS



SHEET INFORMATION

Sheet
25.04.04
Project Status
PERMIT SUBMISSION / BID DOCUMENTS
Drawn By
MPS
Checked By
LES
Drawing Title
PANEL SCHEDULES
Drawing Number

PANEL M-LAB													
LOCATION: AV CLOSET H121				VOLTAGE: 120/208 Wye				A.I.C. RATING: 22,000					
SUPPLY FROM:				PHASES: 3				MAINS TYPE: MLO					
MOUNTING: SURFACE				WIRES: 4				MAINS RATING: 100 A					
ENCLOSURE: NEMA 1													
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	VAV-08	20 A	2	625	1560		625	1560		2	20 A	VAV-01	2
3													4
5	VAV-02	15 A	2	625	1250		625	1250		2	20 A	VAV-03	6
7													8
9	VAV-04	15 A	2			625	625			2	15 A	VAV-05	10
11								625	625				12
13	VAV-06	20 A	2	1250	625		1250	625		2	15 A	VAV-07	14
15													16
17	VAV-09	15 A	2					936	30	2	15 A	EF-1	18
19				936	30								20
21	SPARE	20 A	1			0	0			1	20 A	SPARE	22
23	SPARE	20 A	1					0	0	1	20 A	SPARE	24
25	SPARE	20 A	1	0	0					1	20 A	SPARE	26
27	SPARE	20 A	1			0	0			1	20 A	SPARE	28
29	SPARE	20 A	1					0	0	1	20 A	SPARE	30
31	SPARE	20 A	1	0	0					1	20 A	SPARE	32
33	SPARE	20 A	1			0	0			1	20 A	SPARE	34
35	SPARE	20 A	1					0	0	1	20 A	SPARE	36
37	SPARE	20 A	1	0	0					1	20 A	SPARE	38
39	SPARE	20 A	1			0	0			1	20 A	SPARE	40
41	SPARE	20 A	1					0	0	1	20 A	SPARE	42
TOTAL LOAD:				6901 VA		5310 VA		4091 VA					
TOTAL AMPS:				59 A		46 A		34 A					
LEGEND:													
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS					
MECHANICAL EQUIPMENT		16302 VA		100.00%		16302 VA							
								TOTAL CONNECTED LOAD: 16302 VA					
								TOTAL ESTIMATED DEMAND: 16302 VA					
								TOTAL CONNECTED: 45 A					
								TOTAL ESTIMATED DEMAND: 45 A					
NOTES:													

PANEL 1HA													
LOCATION: JAN C13				VOLTAGE: 480/277 Wye				A.I.C. RATING: 22,000					
SUPPLY FROM: MDP				PHASES: 3				MAINS TYPE: MLO					
MOUNTING: SURFACE				WIRES: 4				MAINS RATING: 100 A					
ENCLOSURE: NEMA 1													
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1				2079	2079								1
3	DH-1	15 A	3			2079	2079			3	15 A	DH-2	2
5								2079	2079				4
7				747	2079								6
9	ERV-1	15 A	3			747	2079			3	15 A	DH-3	8
11								747	2079				10
13													12
15	DH-4	15 A	3	2079	747					3	15 A	ERV-2	14
17						2079	747						16
19								2079	747				18
21				2079	2079								20
23	DH-5	15 A	3			2079	2079			3	15 A	DH-6	22
25								2079	2079				24
27				747	497								26
29	ERV-3	15 A	3			747	497			3	20 A	EF-2	28
31								747	497				30
33	SPARE	20 A	3	0	0					3	20 A	SPARE	32
35						0	0						34
37								0	0				36
39	SPARE	20 A	3	0	0	0	0			3	20 A	SPARE	38
41								0	0				40
				TOTAL LOAD:		15211 VA		15211 VA		15211 VA			
				TOTAL AMPS:		55 A		55 A		55 A			
LEGEND:													
LOAD CLASSIFICATION				CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS			
MECHANICAL EQUIPMENT				45634 VA		100.00%		45634 VA					
										TOTAL CONNECTED LOAD: 45634 VA			
										TOTAL ESTIMATED DEMAND: 45634 VA			
										TOTAL CONNECTED: 55 A			
										TOTAL ESTIMATED DEMAND: 55 A			
NOTES:													

PANEL P-LAB											
LOCATION: AV CLOSET H121				VOLTAGE: 120/208 Wye				A.I.C. RATING: 22,000			
SUPPLY FROM:				PHASES: 3				MAINS TYPE: MLO			
MOUNTING: SURFACE				WIRES: 4				MAINS RATING: 200 A			
ENCLOSURE: NEMA 1											
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT	
1	RCPT - EXAM 1 HEAD EQUIP	20 A	1	180	360			1	20 A	RCPT - ANATOMY TV	2
3	RCPT - EXAM 1 HEAD EQUIP	20 A	1		360	360		1	20 A	RCPT - STORAGE	4
5	RCPT - EXAM 2 HEAD EQUIP	20 A	1			180	0	1	20 A	SPARE	6
7	RCPT - EXAM 2 HEAD EQUIP	20 A	1	360	0			1	20 A	SPARE	8
9	RCPT - EXAM 3 HEAD EQUIP	20 A	1		180	0		1	20 A	SPARE	10
11	RCPT - EXAM 3 HEAD EQUIP	20 A	1			360	0	1	20 A	SPARE	12
13	RCPT - EXAM 4 HEAD EQUIP	20 A	1	180	0			1	20 A	SPARE	14
15	RCPT - EXAM 4 HEAD EQUIP	20 A	1		360	0		1	20 A	SPARE	16
17	RCPT - EXAM CONV.	20 A	1			720	360	1	20 A	RCPT - WORKSTATIONS	18
19	RCPT - PROGRAM DIRECTOR	20 A	1	540	360			1	20 A	RCPT - WORKSTATIONS	20
21	RCPT - NURSE STATION	20 A	1		540	540		1	20 A	RCPT - NURSE COUNTER	22
23	RCPT - ER SIM 1 HEAD EQUIP	20 A	1			180	0	1	20 A	SPARE	24
25	RCPT - ER SIM 1 HEAD EQUIP	20 A	1	360	0			1	20 A	SPARE	26
27	RCPT - ER SIM 2 HEAD EQUIP	20 A	1		180	0		1	20 A	SPARE	28
29	RCPT - ER SIM 2 HEAD EQUIP	20 A	1			360	0	1	20 A	SPARE	30
31	RCPT - HEALTH CONV.	20 A	1	1080	540			1	20 A	RCPT - CONTROL COUNTER	32
33	RCPT - CONTROL STATION	20 A	1		360	360		1	20 A	RCPT - EKG 1 TABLE/CONV.	34
35	RCPT - EKG 1 TREADMILL	20 A	1			1200	360	1	20 A	RCPT - EKG 2 TABLE/CONV.	36
37	RCPT - EKG 2 TREADMILL	20 A	1	1200	360			1	20 A	RCPT - EKG 3 TABLE/CONV.	38
39	RCPT - EKG 3 TREADMILL	20 A	1		1200	540		1	20 A	RCPT - PHLEB EXAM 1	40
41	RCPT - PHLEB EXAM 2	20 A	1			540	540	1	20 A	RCPT - PHLEB EXAM 3	42
43	RCPT - PHLEB CHAIR	20 A	1	360	360			1	20 A	RCPT - PHLEB CHAIR	44
45	RCPT - PHLEB CHAIR	20 A	1		360	180		1	20 A	RCPT - PHLEB ISLAND	46
47	RCPT - PHLEB ISLAND	20 A	1			180	180	1	20 A	RCPT - PHLEB ISLAND	48
49	RCPT - PHLEB ISLAND	20 A	1	180	180			1	20 A	RCPT - PHLEB ISLAND	50
51	RCPT - PHLEB ISLAND COMPUTERS	20 A	1		360	180		1	20 A	WASHER	52
53	RCPT - CONTROL STATION	20 A	1			360	2080	2	20 A	DRYER	54
55	RCPT - CONTROL STATION	20 A	1	360	2080						56
57	RCPT - TOILET, HALLWAY, LINEN, CONV. /...	20 A	1		900	540		1	20 A	RCPT - AV, TECH, WORK CONV.	58
59	RCPT - OR SIM SHELL	20 A	1			180	0	1	20 A	SPARE - OR SIM SHELL	60
61	RCPT - HOSPITAL PHARMACY SHELL	20 A	1	180	0			1	20 A	SPARE - HOSPITAL PHARMACY SHELL	62
63	RCPT - RETAIL SHELL	20 A	1		180	0		1	20 A	SPARE - RETAIL SHELL	64
65	RCPT - ANATOMY	20 A	1			360	0	1	20 A	SPARE - IMAGING SHELL	66
67	RCPT - ANATOMY SIMULATION SHELL	20 A	1	180	0			1	20 A	SPARE - ANATOMY SIMULATION SHELL	68
69	RCPT - STERILE COMPOUND SHELL	20 A	1		180	0		1	20 A	SPARE - STERILE COMPOUND SHELL	70
71	RCPT - EMS/AMBULANCE SHELL	20 A	1			180	0	1	20 A	SPARE - EMS/AMBULANCE SHELL	72
73	RCPT - STORAGE	20 A	1	360	360			1	20 A	RCPT - STORAGE	74
75	LTG - TOILET, DIRECTOR, WORKSTATIONS,...	20 A	1		1116	1187		1	20 A	LTG - SOILED, EMS, PHLOBOTOMY, EXAM,...	76
77	LTG - CORRIDOR, CONTROL, NURSES	20 A	1			1114	524	1	20 A	LTG - ER SIM, EXAM	78
79	SPARE	20 A	1	0	0			1	20 A	SPARE	80
81	SPARE	20 A	1		0	0		1	20 A	SPARE	82
83	SPARE	20 A	1			0	0	1	20 A	SPARE	84
TOTAL LOAD:				10120 VA	10162 VA	9958 VA					
TOTAL AMPS:				85 A	85 A	83 A					
LEGEND:											
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS			
LIGHTING		3940 VA		100.00%		3940 VA		TOTAL CONNECTED LOAD: 30240 VA			
RECEPTACLE		26300 VA		69.01%		18150 VA		TOTAL ESTIMATED DEMAND: 22090 VA			
								TOTAL CONNECTED: 84 A			
								TOTAL ESTIMATED DEMAND: 61 A			
NOTES:											