Branch Panel: UPS1-1

Location: ELECTRICAL 133
Supply From: UPS
Mounting: Surface
Enclosure: Type 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AIC
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Feeder Size	Trip	Poles	A		B		C		Poles	Trip	Feeder Size	Circuit Description	CKT
1					360 VA						1	15 A		MF 1 (2) RM. 125	2
3							360 VA				1	15 A		MF 2/3 (2) RM. 125	4
5									360 VA		1	15 A		MF 1 (1) RM. 125	6
7					360 VA						1	15 A		MF 2/3 (1) RM. 125	8
9	RECEPTACLE WORK STATIONS	2#12 + 1#12G - 3/4"C	15 A	1		720 VA	360 VA				1	15 A		POWER INDICATION SYSTEM RM.125	10
11	RECEPTACLE FINAL FILLING 130	2#12 + 1#12G - 3/4"C	15 A	1				180 VA	360 VA		1	15 A		CHROM SKID RM. 127	12
13					360 VA						1	15 A		VF PLATE & FRAME RM. 127	14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				Total Load:	1080 VA		1440 VA		900 VA						
				Total Amps:	9 A		12 A		8 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	2520 VA	100.00%	2520 VA		
Receptacle	900 VA	100.00%	900 VA	**Total Conn. Load:**	3420 VA
				Total Est. Demand:	3420 VA
				Total Conn. Current:	9 A
				Total Est. Demand Current:	9 A

Notes:

Branch Panel: UPS1-2

Location: ELECTRICAL ROOM 215
Supply From: UPS
Mounting: Surface
Enclosure: Type 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 KIC
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Feeder Size	Trip	Poles	A		B		C		Poles	Trip	Feeder Size	Circuit Description	CKT
1	CP-AHU-1	2#12 + 1#12G - 3/4"C	20 A	1	500 VA										2
3	CP-AHU-2	2#12 + 1#12G - 3/4"C	20 A	1			500 VA								4
5	CP-AHU-3	2#12 + 1#12G - 3/4"C	20 A	1					500 VA						6
7	CP-AHU-4	2#12 + 1#12G - 3/4"C	20 A	1	500 VA										8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				Total Load:	1000 VA		500 VA		500 VA						
				Total Amps:	8 A		4 A		4 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Branch Panel: LP1

Location: ELECTRICAL ROOM 215
Supply From: MSB
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42,000 AIC
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Feeder Size	Trip	Poles	A		B		C		Poles	Trip	Feeder Size	Circuit Description	CKT
1	LIGHTING - RMS 101, 102, 103	2#12 + 1#12G - 3/4"C	20 A	1	659 VA	2030 VA					1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - RMS	2
3	LIGHTING - RMS 107, 108, 109,	2#12 + 1#12G - 3/4"C	20 A	1			1669 VA	2683 VA			1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - DWELLING UNIT ROOM...	4
5	LIGHTING - OPEN 11O, CORR.121	2#12 + 1#12G - 3/4"C	20 A	1					1288 VA	1969 VA	1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - DWELLING UNIT SPACE...	6
7	EXIT SIGNS	2#12 + 1#12G - 3/4"C	20 A	1	74 VA	864 VA					1	20 A	2#12 + 1#12G - 3/4"C	MECHANICAL 112	8
9	LIGHTING - LIFT	2#12 + 1#12G - 3/4"C	20 A	1			360 VA	1029 VA			1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - RM 123, 206, 208, 209, 210,...	10
11	OUTDOOR LIGHTING	2#12 + 1#12G - 3/4"C	20 A	1					308 VA	1117 VA	1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - STOR. 207,210, FIN. WALK...	12
13	SPARE		20 A	1	0 VA	1092 VA					1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - OFFICE 201,202,203,...	14
15								706 VA			1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - RM 209, 213, 215	16
17										624 VA	1	20 A	2#12 + 1#12G - 3/4"C	LIGHTING - RO ROOM 113	18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				Total Load:	4719 VA		6447 VA		5306 VA						
				Total Amps:	17 A		24 A		19 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	16448 VA	100.00%	16448 VA		
Other	0 VA	0.00%	0 VA	**Total Conn. Load:**	16808 VA
Receptacle	360 VA	100.00%	360 VA	**Total Est. Demand:**	16808 VA
				Total Conn. Current:	20 A
				Total Est. Demand Current:	20 A

Notes:

Stantec

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Client

ImmuCell

Lot 11 - Second Tee Business Park
1039 Riverside Street
Portland, Maine 04103

Consultants

Revision	By	Appd	DD.MM.YYYY
0 INTERIOR FIT OUT - ISSUED FOR CONSTRUCTION			08/19/2016

Issued	By	Appd	DD.MM.YYYY
PACKAGE C - INTERIOR FIT-OUT			**08.19.2016**
PACKAGE B - SUPERSTRUCTURE & SHELL			08.05.2016
PACKAGE A - FOUNDATIONS & BELOW SLAB			07.22.2016

Permit-Seal

STATE OF MAINE
Gerald Lipkowitz Jr.
14271
LICENSED PROFESSIONAL ENGINEER
8/19/2016

Client/Project
IMMUCELL

Lot 11 - Second Tee Business Park
1039 Riverside Street
Portland, Maine 04103

Title
PANEL SCHEDULES (3 OF 3)

Project No. 191504176
Scale

Revision 0
Drawing No. **E-804-C**

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ORIGINAL SHEET - ANSI E (34"x44")