GENERAL NOTES

1. ALL PANELS SHOWN 84 CIRCUIT SHALL CONSIST OF THE FOLLOWING: FIRST SECTION WITH 42 POLES, MAIN BREAKER AND FEED THROUGH LUGS; SECOND SECTION WITH 42 POLES AND MAIN LUGS ONLY OF SAME AMPACITY OF FIRST SECTION.

Branch Panel: 1N-PL23

Location: LER L001E1 **Supply From:** 1N-DL2 **Mounting:** Surface **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10,000 **Mains Type:** Copper **Mains Rating:** 225 A **MCB Rating:** 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle B-011 OPEN LAB-2 L030-2	20 A	1	360 W	500 W					1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	2
3	Receptacle B-011 OPEN LAB-1 L030-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	4
5	Receptacle B-011 OPEN LAB-1 L030-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	6
7	Receptacle B-011 OPEN LAB-1 L030-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	8
9	Receptacle B-011 OPEN LAB-1 L030-1	20 A	1			500 W	360 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	10
11	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	12
13	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-011 OPEN LAB-1 L030-1	14
15	Receptacle B-001 OPEN LAB-1 L040-1	20 A	2			90 W	90 W			2	20 A	Receptacle B-001 OPEN LAB-1 L040-1	16
17	--	--	--					90 W	90 W	--	--	--	18
19	Receptacle B-014-1 L033-1	20 A	1	500 W	540 W					1	20 A	Receptacle Room L035-1, L034-2, L040-1	20
21	Receptacle B-016-2 L034-2	20 A	2			180 W	180 W			2	20 A	Receptacle B-016-1 L034-1	22
23	--	--	--					0 W	0 W	--	--	--	24
25	Receptacle B-008-1 L035-1	20 A	2	180 W	180 W					2	20 A	Receptacle B-008-1 L035-1	26
27	--	--	--			0 W	0 W			--	--	--	28
29	Receptacle B-008-1 L035-1	20 A	2					180 W	360 W	1	20 A	Receptacle B-008-1 L035-1	30
31	--	--	--	0 W	90 W					2	20 A	Receptacle B-008-1 L035-1	32
33	Receptacle B-011 OPEN LAB-2 L030-2	20 A	1			360 W	90 W			--	--	--	34
35	Receptacle B-011 OPEN LAB-2 L030-2	20 A	2					90 W	0 W	--	--	Space	36
37	--	--	--	90 W	0 W					--	--	Space	38
39	Receptacle B-014-1 L033-1	20 A	1			500 W	0 W			1	20 A	Spare	40
41	Receptacle B-014-1 L033-1	20 A	1					500 W	0 W	1	20 A	Spare	42
43	Receptacle B-014-1 L033-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-016-1 L034-1	44
45	Receptacle B-016-1 L034-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-016-1 L034-1	46
47	Receptacle B-016-1 L034-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-016-1 L034-1	48
49	Receptacle B-016-1 L034-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-016-1 L034-1	50
51	Receptacle B-008-1 L035-1	20 A	1			500 W	0 W			--	--	Space	52
53	Receptacle B-008-1 L035-1	20 A	1					500 W	0 W	--	--	Space	54
55	Receptacle B-008-1 L035-1	20 A	1	500 W	0 W					--	--	Space	56
57	Receptacle B-014-1 L033-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-014-1 L033-1	58
59	Receptacle B-014-1 L033-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-014-1 L033-1	60
61	Receptacle B-008-1 L035-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-008-1 L035-1	62
63	Receptacle B-008-1 L035-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-008-1 L035-1	64
65	Spare	20 A	1					0 W	0 W	1	20 A	Spare	66
67	Spare	20 A	1	0 W	0 W					1	20 A	Spare	68
69	Space	--	--			0 W	0 W			1	20 A	Spare	70
71	Space	--	--					0 W	0 W	1	20 A	Spare	72
73	Space	--	--	0 W	0 W					1	20 A	Spare	74
75	Space	--	--			0 W	0 W			1	20 A	Spare	76
77	Space	--	--					0 W	0 W	1	20 A	Spare	78
79	Space	--	--	0 W	0 W					1	20 A	Spare	80
81	Space	--	--			0 W	0 W			1	20 A	Spare	82
83	Space	--	--					0 W	0 W	1	20 A	Spare	84
			Total Load:	7940 W		6850 W		5810 W					
			Total Amps:	68 A		58 A		48 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	20600 W	74.27%	15300 W		
				Total Conn. Load:	20600 W
				Total Est. Demand:	15300 W
				Total Conn. Current:	57 A
				Total Est. Demand Current:	42 A

Notes: 200% Neutral

Branch Panel: 1N-PL24

Location: LER L001E1 **Supply From:** 1N-DL2 **Mounting:** Surface **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10,000 **Mains Type:** Copper **Mains Rating:** 225 A **MCB Rating:** 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle LER L001	20 A	1	540 W	540 W					1	20 A	Receptacle Room L001, L001E1	2
3	Receptacle LER L001	20 A	1			540 W	300 W			1	20 A	CUH-179	4
5	Receptacle LER L001	20 A	2					90 W	90 W	2	20 A	Receptacle LER L001	6
7	--	--	--	90 W	90 W					--	--	--	8
9	Receptacle LER L001	20 A	2			90 W	300 W			1	20 A	CUH-C105	10
11	--	--	--					90 W	1012	1	20 A	CUH-179B	12
13	Motor CORRIDOR-1 C105-1	20 A	1	691 W	5400					1	20 A	Receptacle LER L001	14
15	UH-200A	20 A	1			900 W	2080			3	20 A	Receptacle IDF /IT 191	16
17	Receptacle LER L001	20 A	2					90 W	2080	--	--	--	18
19	--	--	--	90 W	2080					--	--	--	20
21	Receptacle Room 191, 193	20 A	1			360 W	90 W			2	20 A	Receptacle LER L001	22
23	Receptacle Room 178A-2, 178B-2	20 A	1					540 W	90 W	--	--	--	24
25	Receptacle SWING LAB-2 L004E-2	20 A	1	360 W	90 W					2	20 A	Receptacle LER L001	26
27	Spare	20 A	1			0 W	90 W			--	--	--	28
29	Spare	20 A	1					0 W	540 W	1	20 A	Receptacle Room L001, 193-2, L004E-1, 193	30
31	Spare	20 A	1	0 W	360 W					1	20 A	Receptacle Room 179-2, 179-1	32
33	Spare	20 A	1			0 W	0 W			--	--	Space	34
35	Space	--	--					0 W	0 W	--	--	Space	36
37	Space	--	--	0 W	0 W					--	--	Space	38
39	Space	--	--			0 W	0 W			--	--	Space	40
41	Space	--	--					0 W	0 W	--	--	Space	42
			Total Load:	10331 W		4750 W		4622 W					
			Total Amps:	86 A		40 A		39 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	2303 W	110.99%	2556 W		
Receptacle	17400 W	78.74%	13700 W	**Total Conn. Load:**	19703 W
				Total Est. Demand:	16256 W
				Total Conn. Current:	55 A
				Total Est. Demand Current:	45 A

Notes:

Branch Panel: 1N-PL25

Location: LER L001E1 **Supply From:** 1N-DL2 **Mounting:** Surface **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10,000 **Mains Type:** Copper **Mains Rating:** 225 A **MCB Rating:** 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	360 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	2
3	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	4
5	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	6
7	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	8
9	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-007-1 L036-1	10
11	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	12
13	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	14
15	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	16
17	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	18
19	Receptacle B-003-1 L037-1	20 A	1	540 W	500 W					1	20 A	Receptacle B-007-1 L036-1	20
21	Receptacle B-007-1 L036-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-007-1 L036-1	22
23	Receptacle Room L037-1, L036-1	20 A	1					540 W	1080	1	20 A	Receptacle Room L036-1, L037-1	24
25	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	360 W	90 W					2	20 A	Receptacle B-003-1 L037-1	26
27	Receptacle B-003-1 L037-1	20 A	2			90 W	90 W			--	--	--	28
29	--	--	--					90 W	90 W	2	20 A	Receptacle B-001 OPEN LAB-1 L040-1	30
31	Receptacle B-001 OPEN LAB-1 L040-1	20 A	2	2080	90 W					--	--	--	32
33	--	--	--			2080	500 W			1	20 A	Receptacle B-007-1 L036-1	34
35	Receptacle B-007-1 L036-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-007-1 L036-1	36
37	Receptacle B-003-1 L037-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-003-1 L037-1	38
39	Receptacle B-003-1 L037-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-003-1 L037-1	40
41	Receptacle B-003-1 L037-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-003-1 L037-1	42
43	Receptacle B-003-1 L037-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-003-1 L037-1	44
45	Receptacle B-003-1 L037-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-003-1 L037-1	46
47	Receptacle B-003-1 L037-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-007-1 L036-1	48
49	Receptacle B-007-1 L036-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-007-1 L036-1	50
51	Receptacle B-007-1 L036-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-007-1 L036-1	52
53	Receptacle B-007-1 L036-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-007-1 L036-1	54
55	Receptacle B-007-1 L036-1	20 A	1	500 W	0 W					1	20 A	Spare	56
57	Receptacle B-007-1 L036-1	20 A	1			500 W	0 W			1	20 A	Spare	58
59	Space	--	--					0 W	0 W	--	--	Space	60
61	Space	--	--	0 W	0 W					--	--	Space	62
63	Space	--	--			0 W	0 W			--	--	Space	64
65	Space	--	--					0 W	0 W	--	--	Space	66
67	Space	--	--	0 W	0 W					--	--	Space	68
69	Space	--	--			0 W	0 W			--	--	Space	70
71	Space	--	--					0 W	0 W	--	--	Space	72
73	Space	--	--	0 W	0 W					--	--	Space	74
75	Space	--	--			0 W	0 W			--	--	Space	76
77	Space	--	--					0 W	0 W	--	--	Space	78
79	Space	--	--	0 W	0 W					--	--	Space	80
81	Space	--	--			0 W	0 W			--	--	Space	82
83	Space	--	--					0 W	0 W	--	--	Space	84
			Total Load:	10020 W		10260 W		8800 W					
			Total Amps:	85 A		87 A		73 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	29080 W	67.19%	19540 W		
				Total Conn. Load:	29080 W
				Total Est. Demand:	19540 W
				Total Conn. Current:	81 A
				Total Est. Demand Current:	54 A

Notes:

Branch Panel: 1N-PL26

Location: LER L001E1 **Supply From:** 1N-DL2 **Mounting:** Surface **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10,000 **Mains Type:** Copper **Mains Rating:** 225 A **MCB Rating:** 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	360 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	2
3	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	4
5	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	6
7	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	8
9	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	360 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	10
11	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	12
13	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	500 W	500 W					1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	14
15	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1			500 W	500 W			1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	16
17	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1					500 W	500 W	1	20 A	Receptacle B-001 OPEN LAB-1 L040-1	18
19	Receptacle B-002-1 L038-1	20 A	1	720 W	540 W					1	20 A	Receptacle B-002-1 L038-1	20
21	Receptacle B-006-1 L041-1	20 A	1			180 W	360 W			1	20 A	Receptacle B-002-1 L038-1	22
23	Receptacle B-006-1 L041-1	20 A	1					540 W	1800	1	20 A	Receptacle B-002-1 L038-1	24
25	Receptacle B-001 OPEN LAB-1 L040-1	20 A	1	360 W	360 W					1	20 A	Receptacle B-005-1 L039-1	26
27	Receptacle B-005-1 L039-1	20 A	1			1800	360 W			1	20 A	Receptacle B-002-1 L038-1	28
29	Receptacle LER-1 L001-1	20 A	2					90 W	0 W	--	--	Space	30
31	--	--	--	90 W	0 W					--	--	Space	32
33	Receptacle LER-1 L001-1	20 A	2			90 W	90 W			2	20 A	Receptacle B-002-1 L038-1	34
35	--	--	--					90 W	90 W	--	--	--	36
37	Receptacle B-002-1 L038-1	20 A	2	90 W	90 W					2	20 A	Receptacle B-001 OPEN LAB-1 L040-1	38
39	--	--	--			90 W	90 W			--	--	--	40
41	Space	--	--					0 W	0 W	--	--	Space	42
43	Space	--	--	0 W	0 W					--	--	Space	44
45	Space	--	--			0 W	0 W			--	--	Space	46
47	Space	--	--					0 W	0 W	--	--	Space	48
49	Receptacle LER-1 L001-1	20 A	1	720 W	360 W					1	20 A	Receptacle LER-1 L001-1	50
51	Receptacle B-006-1 L041-1	20 A	1			500 W	90 W			2	20 A	Receptacle B-001 OPEN LAB-2 L040-2	52
53	Receptacle LER-1 L001-1	20 A	1					180 W	90 W	--	--	--	54
55	Receptacle B-005-1 L039-1	20 A	1	500 W	90 W					2	20 A	Receptacle B-001 OPEN LAB-2 L040-2	56
57	Receptacle B-006-1 L041-1	20 A	1			500 W	90 W			--	--	--	58
59	Receptacle B-005-1 L039-1	20 A	1					500 W	0 W	1	20 A	Spare	60
61	Spare	20 A	1	0 W	0 W					1	20 A	Spare	62
63	Spare	20 A	1			0 W	0 W			1	20 A	Spare	64
65	Spare	20 A	1					0 W	0 W	1	20 A	Spare	66
67	Spare	20 A	1	0 W	0 W					1	20 A	Spare	68
69	Spare	20 A	1			0 W	0 W			1	20 A	Spare	70
71	Spare	20 A	1					0 W	0 W	1	20 A	Spare	72
73	Space	--	--	0 W	0 W					--	--	Space	74
75	Space	--	--			0 W	0 W			--	--	Space	76
77	Space	--	--					0 W	0 W	--	--	Space	78
79	Space	--	--	0 W	0 W					--	--	Space	80
81	Space	--	--			0 W	0 W			--	--	Space	82
83	Space	--	--					0 W	0 W	--	--	Space	84
			Total Load:	6780 W		7100 W		6380 W					
			Total Amps:	57 A		60 A		53 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	20260 W	74.68%	15130 W		
				Total Conn. Load:	20260 W
				Total Est. Demand:	15130 W
				Total Conn. Current:	56 A
				Total Est. Demand Current:	42 A

Notes: 200% Neutral

Branch Panel: 1N-PL27

Location: LER L001E1 **Supply From:** 1N-DL2 **Mounting:** Surface **Enclosure:** Type 1
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10,000 **Mains Type:** Copper **Mains Rating:** 225 A **MCB Rating:** 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle OPEN LAB LE001	20 A	1	360 W	500 W					1	20 A	Receptacle	2
3	Receptacle	20 A	1			500 W	500 W			1	20 A	Receptacle	4
5	Receptacle	20 A	1					500 W	500 W	1	20 A	Receptacle	6
7	Receptacle	20 A	1	500 W	500 W					1	20 A	Receptacle	8
9	Receptacle	20 A	1			500 W	500 W			1	20 A	Receptacle	10
11	Receptacle	20 A	1					500 W	500 W	1	20 A	Receptacle	12
13	Receptacle	20 A	1	500 W	540 W					1	20 A	Receptacle SWING LAB-1 L002E-1	14
15	Receptacle SWING LAB-1 L002E-1	20 A	1			720 W	360 W			1	20 A	Receptacle SWING LAB-1 L002E-1	16
17	Receptacle	20 A	1					500 W	500 W	1	20 A	Receptacle	18
19	Receptacle SWING LAB-1 L003E-1	20 A	1	720 W	500 W					1	20 A	Receptacle	20
21	Receptacle Room L002E-1, L003E-1, LE001	20 A	1			360 W	360 W			1	20 A	Receptacle OPEN LAB LE001	22
23	Receptacle LER L001E1	20 A	1					180 W	180 W	1	20 A	Receptacle OPEN LAB LE001	24
25	Receptacle OPEN LAB LE001	20 A	2	90 W	0 W					--	--	Space	26
27	--	--	--			90 W	0 W			--	--	Space	28
29	Space	--	--					0 W	0 W	--	--	Space	30
31	Spare	0 A	1	0 W	90 W					2	20 A	Receptacle LER L001E1	32
33	Receptacle	20 A	1			500 W	90 W			--	--	--	34
35	Space	--	--					0 W	0 W	--	--	Space	36
37	Receptacle	20 A	1	500 W	500 W					1	20 A	Receptacle	38
39	Receptacle LER L001E1	20 A	1			360 W	500 W			1	20 A	Receptacle	40
41	Receptacle	20 A	1					500 W	0 W	--	--	Space	42
43	Receptacle	20 A	1	500 W	90 W					2	20 A	Receptacle SWING LAB-1 L003E-1	44
45	Receptacle	20 A	1			500 W	90 W			--	--	--	46
47	Receptacle SWING LAB-1 L003E-1	20 A	1					540 W	90 W	2	20 A	Receptacle SWING LAB-1 L003E-1	48
49	Receptacle LER L001E1	20 A	1	180 W	90 W					--	--	--	50
51	Receptacle LER L001E1	20 A	2			90 W	90 W			2	20 A	Receptacle LER L001E1	52
53	--	--	--					90 W	90 W	--	--	--	54
55	Receptacle B-001 OPEN LAB-3 L040-3	20 A	1	360 W	500 W					1	20 A	Receptacle	56
57	Receptacle	20 A	1			500 W	500 W			1	20 A	Receptacle	58
59	Receptacle	20 A	1					500 W	0 W	--	--	Space	60
61	Space	--	--	0 W	500 W					1	20 A	Receptacle	62
63	Receptacle	20 A	1			500 W	500 W			1	20 A	Receptacle	64
65	Receptacle	20 A	1					500 W	0 W	1	20 A	Spare	66
67	Spare	20 A	1	0 W	0 W					--	--	Space	68
69	Spare	20 A	1			0 W	0 W			--	--	Space	70
71	Spare	20 A	1					0 W	0 W	--	--	Space	72
73	Spare	20 A	1	0 W	0 W					--	--	Space	74
75	Space	--	--			0 W	0 W			--	--	Space	76
77	Space	--	--					0 W	0 W	--	--	Space	78
79	Space	--	--	0 W	0 W					--	--	Space	80
81	Space	--	--			0 W	0 W			--	--	Space	82
83	Space	--	--					0 W	0 W	--	--	Space	84
			Total Load:	7520 W		8110 W		5670 W					
			Total Amps:	65 A		70 A		47 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	21300 W	73.47%	15650 W		
				Total Conn. Load:	21300 W
				Total Est. Demand:	15650 W
				Total Conn. Current:	59 A
				Total Est. Demand Current:	43 A

Notes: 200% Neutral

SMITHGROUP
architecture engineering interiors planning
SMITHGROUP, INC
35 EAST WACKER
SUITE 2200
CHICAGO, IL 60601
T 312.641.0770
F 312.641.6728
www.smithgroup.com

JJR landscape architecture planning urban design civil engineering environmental science
JJR, LLC
35 EAST WACKER DRIVE
SUITE 2200
CHICAGO, ILLINOIS 60601
312.641.0510 T
312.641.0668 F
www.jjr-us.com

Affiliated Engineers
Affiliated Engineers, Inc.
5802 Research Park Boulevard
Madison, Wisconsin 53719
Tel 608.238.2616 Fax 608.238.2614

Thornton Tomasetti
Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago IL 60611-7622
T 312.596.2000 F 312.596.2001

TERRA ENGINEERING LTD.
225 West Ohio Street, 4th Floor
Chicago, Illinois 60654
T:(312)467-0123 F:(312) 467-0220

SEALS AND SIGNATURES

RONALD M. PARSLEY 062-048521 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

REV. NO.	DESCRIPTION	BY	APVD	DATE
	ISSUED FOR CONSTRUCTION			*07/03/12*

Argonne NATIONAL LABORATORY

FMS
Facilities Management Services

PROJECT TITLE: ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY

PROJECT NO: 08541-00

DRAWING TITLE:

POWER PANEL SCHEDULES

DESIGNED: DLW	A/E CADD FILE: E7.0.5	FACILITY NO(S)
DRAWN: DLW	A/E DWG. NO.: E7.0.5	
CHECKED: BRB	CAD NO:	
PROJECT MANAGER: ANL - JESSE ADAMS, DATE - 04/26/11	DWG STATE / BIND ORDER	
FACILITY DOCUMENT NUMBER: J446-101-W- E7.0.5		REV. NO.

Plot Date: 6/29/2012 1:18:29 PM