

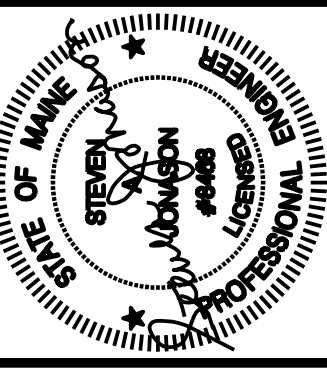
PANEL HP (ELEC RM GROUND FLR) SECTION 1 120/208 3PH 4W 800 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	ELEVATOR POWER	20	1	10	1.00	10	2	LIGHTING	20	1	15	1.00	15
3	ELEVATOR CAB LIGHTS	20	1	5	1.00	5	4	LIGHTING	20	1	15	1.00	15
5	ELEV PIT LIGHT AND RECEPT	20	1	2	0.50	1	6	LIGHTING	20	1	15	1.00	15
7	ELEV SUMP PUMP CONTROL PANEL	20	1	15	1.00	15	8	ELEV PIT LIGHT AND RECEPT	20	1	4	0.50	2
9	KING A LIGHTS	20	1	12	0.70	8	10	KING B LIGHTS	20	1	12	0.70	8
11	KING A RECEPTS	20	1	9	0.50	5	12	KING B RECEPTS	20	1	9	0.50	5
13	KING A RECEPTS	20	1	9	0.50	5	14	KING B RECEPTS	20	1	8	0.50	4
15	KING A FRIDGE	20	1	12	1.00	12	16	KING B FRIDGE	20	1	12	1.00	12
17	KING A BATHROOM	20	1	2	0.50	1	18	KING B BATHROOM	20	1	2	0.50	1
19	QUEEN C LIGHTS	20	1	12	0.70	8	20	KING D ACCESSIBLE LIGHTS	20	1	12	0.70	8
21	QUEEN C RECEPTS	20	1	11	0.50	5	22	KING D ACCESSIBLE RECEPTS	20	1	11	0.50	5
23	QUEEN C FRIDGE	20	1	12	1.00	12	24	KING D ACCESSIBLE FRIDGE	20	1	12	1.00	12
25	QUEEN C BATHROOM	20	1	2	0.50	1	26	KING D ACCESSIBLE BATHROOM	20	1	2	0.50	1
27	LOWER LOBBY RECEPTS	20	1	8	0.50	4	28	ELEC RM AND EXT RECEPTS	30	1	3	0.50	2
29	F A C P	20	1	5	1.00	5	30	MECH RM RECEPTS	20	1	5	0.50	2
31	IT CLOSET RECEPTS	20	1			0	32	WASHER (MECH RM)	20	1	12	0.70	8
33	T B B	20	1			0	34						
35				22	0.70	15	36	DRYER (MECH RM)	30	2	22	0.70	15
37	CU-A	30	2			0	38						0
39	CU-B	30	2	22	0.70	15	40	ELEVATOR SHUNT TRIP	250	3			0
41						0	42						0

PROVIDE WITH FEED THRU LUGS FOR SECTION 2

PANEL HP (ELECT RM GROPUND FLR) SECTION 2 120/208 3PH 4W 800 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
43	KING E LIGHTS	20	1	12	0.70	8	44	KING F LIGHTS	20	1	12	0.70	8
45	KING E RECEPTS	20	1	9	0.50	5	46	KING F RECEPTS	20	1	12	0.50	6
47	KING E RECEPTS	20	1	9	0.50	5	48	KING F FRIDGE	20	1	12	1.00	12
49	KING E FRIDGE	20	1	12	1.00	12	50	KING F BATHROOM	20	1	2	0.50	1
51	KING E BATHROOM	20	1	3	0.50	2	52	QUEEN G LIGHTS	20	1	12	0.70	8
53	FIRST FLOOR LIGHTING (COMMON)	20	1	15	1.00	15	54	QUEEN G RECEPTS	20	1	14	0.50	7
55	FIRST FLOOR COMMON AREA RECEPTS	20	1	12	0.50	6	56	QUEEN G FRIDGE	20	1	12	1.00	12
57	RECEPTION RECEPTS	20	1		0.50	0	58	QUEEN G BATHROOM	20	1	2	0.50	1
59	FIRST FLOOR LOBBY: FLOOR MTD RECEPTS	20	1	3	0.50	2	60	SPARE	20	1			0
61	SPARE	20	1			0	62	SPARE	20	1			0
63				22	0.70	15	64				22	0.70	15
65	CU-C	30	2			0	66	CU-D	30	2			0
67				22	0.70	15	68	CU-F	30	2	22	0.70	15
69	CU-E	30	2			0	70						0
71						0	72	CU-G	30	2	22	0.70	15
73	PANEL KP FEEDER (SHUNT TRIP)	400	3	0	0.00	0	74						0
75				0	0.00	0	76	AUTO DOOR OPERATOR GROUND FLR	20	1	5	0.50	3
77	SPACE					0	78	EXTERIOR BUILDING MOUNTED LIGHT	20	1	15	0.70	11
79				212	0.99	210	80				26	0.68	17
81	PANEL PP FEEDER	225	3	212	0.99	210	82	PANEL BP FEEDER	225	3	26	0.68	17
83				212	0.99	210	84				26	0.68	17

PANEL BP (MECH RM GROUND FLR) SECTION 1 120/208 3PH 4W 225 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	BOILER ROOM LIGHTS	20	1	2	0.50	1	2	BOILER ROOM RECEPTS	20	1	5	0.50	2
3	BOILER	20	1			0	4	WATER HEATER	20	1			0
5	CIRC PUMP (BOILER ROOM)	20	1			0	6	CIRC PUMP	20	1			0
7		30	2			0	8		30	2			0
9	CU-A1					0	10	CU-B1					0
11		30	2			0	12	CU-B2	30	2			0
13	CU-A2					0	14						0
15	ERV-2	20	1			0	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	30	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38				48	0.70	34
39				22	0.70	15	40	RTU-1	40	3			0
41	ERV-1	30	2			0	42						0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker



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Revisions:	Date:	By:
4/06/17-FINAL REVISIONS		

Scale: As Noted
PANEL SCHEDULES 1

E3.1