

LUMINATO – PORTLAND, MAINE

SECTION 26 06 20.16

PANELBOARD SCHEDULES

PART 1 – GENERAL – Not Used

PART 2 – PRODUCTS:

PANELBOARD AND LOAD CENTER SCHEDULE

SEE ATTACHED

PART 3 – EXECUTION – Not Used

END OF SECTION

VOLTS: 120/208 AMPS 225
MOUNT: SURFACE PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: HP1 SECTION 1
LOCATION: 1ST FLOOR ELEC. RM.

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	BASEMENT LIGHTS	208	L	1	351			2	L	143	EXTERIOR BLDG. LIGHTS	1	20
20	1	BASEMENT GARAGE LIGHTS	768	L	3		1018		4	R	250	ELEV. PIT LIGHT/RECEPT.	1	20
20	1	1ST FLOOR LIGHTS	478	L	5			978	6	S	500	SPARE	1	20
20	1	1ST FLOOR GARAGE LIGHTS	432	L	7	932			8	S	500	SPARE	1	20
20	1	2ND & 3RD FLOOR LIGHTS	158	L	9		1358		10	R	1200	BASEMENT RECEPTACLES	1	20
20	1	EXTERIOR RECEPTACLES	1000	R	11			2200	12	R	1200	BASEMENT RECEPTACLES	1	20
20	1	2ND FL. LOCAL DETECTORS	400	O	13	1000			14	R	600	BASEMENT RECEPTACLES	1	20
20	1	4TH FLOOR RECEPTACLES	800	R	15		1400		16	R	600	BASEMENT RECEPTACLES	1	20
20	1	5TH & 6TH FL. RECEPTACLES	1200	R	17			2400	18	R	1200	1ST FLOOR RECEPTACLES	1	20
20	1	ROOF DECK RECEPTACLES	1000	R	19	2600			20	O	1600	FITNESS RM. EQUIPMENT	1	20
20	2	EF-1	1500	M	21		3100		22	O	1600	FITNESS RM. EQUIPMENT	1	20
20	2	EF-1	1500	M	23			3100	24	O	1600	FITNESS RM. EQUIPMENT	1	20
20	1	ERV-1	1080	M	25	2680			26	O	1600	FITNESS RM. EQUIPMENT	1	20
20	1	ERV-2	1080	M	27		2680		28	O	1600	FITNESS RM. EQUIPMENT	1	20
20	2	EF-2	1500	M	29			2300	30	R	800	2ND FLOOR RECEPTACLES	1	20
20	2	EF-2	1500	M	31	2000			32	S	500	SPARE	1	20
20	1	SPARE	500	S	33		1300		34	R	800	2ND FLOOR RECEPTACLES	1	20
20	1	SPARE	500	S	35			1000	36	S	500	SPARE	1	20
150	3	PANEL HP1 SECTION 2	18157		37	18757			38	R	600	3RD FLOOR RECEPTACLES	1	20
150	3	PANEL HP1 SECTION 2	19115		39		20115		40	R	1000	3RD FLOOR RECEPTACLES	1	20
100	3	PANEL HP1 SECTION 2	18697		41			19197	42	S	500	SPARE	1	20

PHASE TOTALS 28320 30970 31175

CONNECTED VOLT-AMPERES= 90465
CONNECTED AMPERES= 251
DEMAND VOLT-AMPERES= 61174
DEMAND AMPERES= 170

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **Luminato**
PROJ. NO: 15-0044
DATE: 06/17/16
STATUS: Bid Documents

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 225
MOUNT: SURFACE PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: HP1 SECTION 2
LOCATION: 1ST FLOOR ELEC. RM.

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	2	CU-C1	1115	M	43	2230			44	M	1115	CU-LOBBY	2	20
20	2	CU-C1	1115	M	45		2230		46	M	1115	CU-LOBBY	2	20
20	2	ERV-3	1080	M	47			2752	48	M	1672	CU-1	2	30
20	2	ERV-4	1080	M	49	2752			50	M	1672	CU-1	2	30
20	2	ERV-5	1080	M	51		2195		52	M	1115	CU-C2	2	20
20	1	SPARE	500	S	53			1615	54	M	1115	CU-C2	2	20
20	1	SPARE	500	S	55	900			56	R	400	ELEC. RM. RECEPTACLES	1	20
20	1	SPARE	500	S	57		4340		58	O	3840	CHARGING STATION XFMR	2	50
20	1	SPARE	500	S	59			4340	60	O	3840	CHARGING STATION XFMR	2	50
125	3	ATS-1	5203		61	5703			62	S	500	SPARE	1	20
125	3	ATS-1	4203		63		4703		64	S	500	SPARE	1	20
125	3	ATS-1	4203		65			4703	66	S	500	SPARE	1	20
20	1	SPARE	500	S	67	1000			68	S	500	SPARE	1	20
20	1	SPARE	500	S	69		1000		70	S	500	SPARE	1	20
20	1	SPARE	500	S	71			1000	72	S	500	SPARE	1	20
20	1	SPARE	500	S	73	1000			74	S	500	SPARE	1	20
20	1	SPARE	500	S	75		1000		76	S	500	SPARE	1	20
20	1	SPARE	500	S	77			1000	78	S	500	SPARE	1	20
70	3	ATS-2	4072		79	4572			80	S	500	SPARE	1	20
70	3	ATS-2	3147		81		3647		82	S	500	SPARE	1	20
70	3	ATS-2	2787		83			3287	84	S	500	SPARE	1	20

PHASE TOTALS 18157 19115 18697

CONNECTED VOLT-AMPERES= 55968
CONNECTED AMPERES= 155
DEMAND VOLT-AMPERES= 40384
DEMAND AMPERES= 112

CIRCUIT TYPE CODES DEMAND FACTOR
L LIGHTS 1.0
M MOTORS 0.8
R RECEPTACLES 0.5
H HEAT 1.0
O OTHER 0.5
S SPARE 0.5

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VOLTS: 120/208 AMPS 225
MOUNT: SURFACE PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: EP1
LOCATION: 1ST FLOOR ELEC. ROOM

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	ELEVATOR SUMP PUMP	500	M	1	1300			2	O	800	FIRE ALARM BOOSTERS	1	20
20	1	2ND FL. LOCAL DETECTORS	400	O	3		1200		4	O	800	FIRE ALARM BOOSTERS	1	20
30	1	EH-1	2000	H	5			3000	6	O	1000	FIRE ALARM PANEL	1	20
30	1	EH-2	2000	H	7	2800			8	O	800	CO SENSORS	1	20
20	1	EH-4	1000	H	9		1800		10	O	800	CO SENSORS	1	20
30	1	EH-6	2000	H	11			2000	12	M		OVERHEAD GARAGE DOOR	1	20
30	1	EH-3	2000	H	13	2000			14	M		OVERHEAD GARAGE DOOR	1	20
30	1	EH-4	1000	H	15		1500		16	O	500	DOOR INTERCOM PANEL	1	20
20	1	ELEVATOR DAMPER	100	M	17			500	18	R	400	TELCOM RECEPTACLE	1	20
100	3	PANEL EP2	5203		19	5703			20	O	500	LIGHTING CONTROL PANEL	1	20
100	3	PANEL EP2	4203		21		5703		22	H	1500	GEN. BLOCK HEATER	1	20
100	3	PANEL EP2	4203		23			4703	24	S	500	SPARE	1	20
20	1	SPARE	500	S	25				26	S	500	SPARE	1	20
20	1	SPARE	500	S	27				28	S	500	SPARE	1	20
20	1	SPARE	500	S	29				30	S	500	SPARE	1	20

PHASE TOTALS 11803 11203 11203

CONNECTED VOLT-AMPERES= 34209
CONNECTED AMPERES= 95
DEMAND VOLT-AMPERES= 27067
DEMAND AMPERES= 75

		CIRCUIT TYPE CODES	DEMAND FACTOR
L	LIGHTS		1.0
M	MOTORS		0.8
R	RECEPTACLES		0.5
H	HEAT		1.0
O	OTHER		0.5
S	SPARE		0.5

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