

Remarks	Power: 120/208 V 3 Ø 4 W				PANEL LP.1				SYM. IC.: 18000 A									
	# OF CKTS.: 42				LOCATION ELECTRICAL ROOM E102				MAINS: 225 A									
	INCOMING: PANEL DP.1								MAIN BKR: N/A A									
	Designation		CKT #	Watts	BKR	PHASE			BKR	Watts	CKT#	Designation						
	MALE WR / FEMALE WR LIGHTING		1	528	15	X	a	b	c	15	467	2	MECH. RM / ELEC. RM / FAMILY WR / CORRIDOR LIGHTING					
	LOBBY / TICKET AREA / SAFE STORAGE AREA LIGHTING		3	1024	15	X				15	112	4	EXHIBIT HALL LIGHTING					
	MULTI-PURPOSE RM / ADMIN. OFFICE / MEETING RM LTG.		5	1099	15		X			15	722	6	STAFF KITCHEN / CORRIDOR LIGHTING					
1	EXHIBIT HALL EMERGENCY LIGHTING		7	72	15	X				15	174	8	LOBBY EMERGENCY LIGHTING		1			
	EXIT SIGNS		9	30	15		X			15		10	LIGHTING CONTROLS					
	SPARE		11		15			X		15		12	LIGHTING CONTROLS					
	SPARE		13		15	X				15		14	SPARE					
	SPARE		15		15			X		15		16	SPARE					
	SPARE		17		15				X	15		18	SPARE					
	SPARE		19		20	X				20		20	SPARE					
	SPARE		21		20		X			20		22	SPARE					
	SPARE		23		20			X		20		24	SPARE					
	SPARE		25		20	X				20		26	SPARE					
	SPARE		27		20			X		20		28	SPARE					
	-		29						X			30	-					
	-		31			X						32	-					
	-		33					X				34	-					
	-		35						X			36	-					
	-		37			X						38	-					
	-		39					X				40	-					
	-		41						X			42	-					
FEEDER:						SOURCE:												
Remarks:	1		BREAKER TO SUPPLY LIGHTING LOADS VIA EMERGENCY LIGHTING INVERTER.										Phase A Total		1239	W	10.3	A
													Phase B Total		1166	W	9.7	A
													Phase C Total		1821	W	15.2	A
													TOTAL		4226	W	11.7	A

Remarks	Power: 120/208 V 3 Ø 4 W				PANEL MP.2		SYM. IC.: 18000 A										
	# OF CKTS.: 72				LOCATION ELECTRICAL ROOM E102		MAINS: 400 A										
	INCOMING:						MAIN BKR: N/A A										
	Designation			CKT #	Watts	BKR	PHASE			BKR	Watts	CKT#	Designation				
1	MECH. & ELEC. RM SPACE HEATERS			1	1500	20	X			15	60	2	MEETING RM INDOOR UNIT				
1				3	1500	20		X		15	60	4					
	MALE WR. JANITOR RM & FEMALE WR SPACE HEATERS			5	2125	30			X	15	60	6	STAFF RM INDOOR UNIT				
				7	2125	30	X			15	60	8					
1	GIFT SHOP STORAGE & WR SPACE HEATERS			9	1375	20			X	15	1290	10	MECH. RM HRV				
1				11	1375	20			X	15	1290	12					
	GIFT SHOP CEILING FANS			13	76	15	X			15	50	14	STAFF WR FAUCET				
	EXHIBIT HALL CEILING FANS			15	152	15			X	15	1470	16					
1	SAFE/STORAGE/TICKET AREA SPACE HEATERS			17	750	15			X	15	1470	18	EXHIBIT HALL HRV				
1				19	750	15	X			15	1470	20					
	-			21					X	50	4620	22					
	LOBBY HEAT PUMP BC CONTROLLER			23	500	15			X	50	4620	24	MECH. RM COOLING OUTDOOR UNIT 1				
	OFFICE AREA HEAT PUMP BC CONTROLLER			25	500	15	X			50	4620	26					
	STAFF WR TRAP PRIMER			27	100	15			X	60	5360	28	MECH. RM COOLING OUTDOOR UNIT 2				
	JANITOR RM TRAP PRIMER			29	100	15			X	60	5360	30					
	MECHANICAL RM HEAT PUMP BC CONTROLLER			31	500	15	X			60	5360	32					
	MEETING RM DUCT HEATER			33	500	15			X	15	1170	34	STAFF RM DUCT HEATER				
				35	500	15			X	15	1170	36					
				37	500	15	X			15	1170	38					
	SPARE			39		30			X	15	300	40	MALE WR FAUCETS & URINALS				
				41		30			X	15	740	42	LOBBY WATER FOUNTAINS				
	SPARE			43		15	X			15	250	44	FEMALE WR FAUCETS				
				45		15			X	15	50	46	FAMILY WR FAUCET				
	SPARE			47		20			X	15	300	48	JANITOR RM CIRC. PUMP				
				49		20	X			60	5090	50	MECH. RM HEATING OUTDOOR UNIT 1				
	SPARE			51		20			X	60	5090	52					
				53		20			X	60	5090	54	MECH. RM HEATING OUTDOOR UNIT 2				
	SPARE			55		15	X			70	5950	56					
				57		15			X	70	5950	58	SAFE/STORAGE AREA HRV.				
	SPARE			59		15			X	70	5950	60					
				61		30	X			25	1710	62	STAFF RM HRV				
	63		30			X	25	1710	64								
	SPARE			65		30			X	15	1000	66	MECHANICAL CONTROLS				
				67		15	X			15	1000	68					
	SPARE			69		20			X	15		70	MECHANICAL CONTROLS				
	SPARE			71		20			X	15		72	MECHANICAL CONTROLS				
FEEDER:						SOURCE:											
Remarks:	1	HEATING CIRCUITS TO BE METERED. REFER TO MECHANICAL DRAWINGS.										Phase A Total		32741	W	272.8	A
												Phase B Total		30697	W	255.8	A
												Phase C Total		32400	W	270.0	A
												TOTAL		95838	W	266.3	A

Remarks	Power: 120/208 V 3 Ø 4 W				PANEL DP.1		SYM. IC.: 24000 A								
	# OF CKTS.: 42				LOCATION ELECTRICAL ROOM E102		MAINS: 800 A								
	INCOMING: PANEL DP.1								MAIN BKR: 800 A						
	Designation	CKT #	Watts	BKR	PHASE			BKR	Watts	CKT#	Designation				
	GP.1	1	3280	200	X	a	b	c	400	36700	2	MP.1			
		3	2400	200		X			400	34295	4				
		5	3120	200			X		400	32625	6				
	GP.2	7	2180	200	X			200	2080	8	TP.1				
		9	6640	200		X		200	420	10					
		11	5920	200			X	200	480	12					
	LP.1	13	1239	125	X					14	PV.1				
		15	1166	125		X		125		16					
		17	1821	125			X	125		18					
	LP.2	19	675	200		X			1360	20	TPL.1				
		21	0	200		X		200	300	22					
		23	0	200			X	200	0	24					
	MP.2	25	32741	400	X					26	SPD				
		27	30697	400		X				28					
		29	32400	400			X			30					
	SPARE	31		100	X			125		32	SPARE				
		33			100		X	125		34					
		35			100			X	125	36					
	SPARE	37		200	X					38	-				
		39			200		X			40	-				
		41			200			X		42	-				
FEEDER:						SOURCE:									
Remarks:		1	SPD BREAKER TO BE SIZED BY SPD MANUFACTURER.							Phase A Total		80255	W	668.8	A
										Phase B Total		75918	W	632.7	A
										Phase C Total		76366	W	636.4	A
										TOTAL		232539	W	646.2	A