

PANEL	L1											LOCATION:		REFER TO DRAWING	
VOLTAGE:		347/600V/3Ø/4W		225A MAINS				MOUNTING:		SURFACE		POWER:		NORMAL/GENERATOR	
DESCRIPTION		LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION				
					A	B	C								
EXTERIOR LIGHTING		1840	15	1	3680			37	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	2		3680		38	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	3			3680	39	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	4	3680			40	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	5			3680	41	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	6				3680	42	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	7	3680			43	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	8			3680	44	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	9				3680	45	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	10	3680			46	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	11			3680	47	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	12				3680	48	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	13	3680			49	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	14			3680	50	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	15				3680	51	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	16	3680			52	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	17			3680	53	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	18				3680	54	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	19	3680			55	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	20			3680	56	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	21				3680	57	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	22	3680			58	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	23			3680	59	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	24				3680	60	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	25	3680			61	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	26			3680	62	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	27				3680	63	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	28	3680			64	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	29			3680	65	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	30				3680	66	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	31	3680			67	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	32			3680	68	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	33				3680	69	15	1840	EXTERIOR LIGHTING			
EXTERIOR LIGHTING		1840	15	34	3680			70	15	1840	EXTERIOR LIGHTING				
EXTERIOR LIGHTING		1840	15	35			1840	71							
EXTERIOR LIGHTING		1840	15	36				1840	72						
TOTAL					44160	42320	42320								
LIGHTING PARKING RECREATION ELECTRIC	128.80	ELECTRIC WATER HEATING AIR CONDITIONING ELEVATOR MOTORS	MOTORS					ELECTRIC RAMP HEATING		128.80					
			MISCELLANEOUS LOADS					LAUNDRY EQUIPMENT							
			ELECTRIC BOILER					KITCHEN EQUIPMENT							

PANEL	L2						LOCATION:	REFER TO DRAWING		
VOLTAGE:	347/600V/3Ø/4W	225A MAINS					MOUNTING:	SURFACE		
							POWER:	NORMAL/GENERATOR		
DESCRIPTION	LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION
				A	B	C				
EXTERIOR LIGHTING	1840	15	1	3680			37	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	2		3680		38	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	3			3680	39	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	4	3680			40	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	5		3680		41	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	6			3680	42	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	7	3680			43	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	8		3680		44	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	9			3680	45	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	10	3680			46	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	11		3680		47	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	12			3680	48	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	13	3680			49	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	14		3680		50	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	15			3680	51	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	16	3680			52	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	17		3680		53	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	18			3680	54	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	19	3680			55	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	20		3680		56	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	21			3680	57	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	22	3680			58	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	23		3680		59	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	24			3680	60	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	25	2840			61	15	1000	CANOPY LIGHTING
EXTERIOR LIGHTING	1840	15	26		2840		62	15	1000	CANOPY LIGHTING
EXTERIOR LIGHTING	1840	15	27			2840	63	15	1000	CANOPY LIGHTING
EXTERIOR LIGHTING	1840	15	28	2440			64	15	600	PIL BOOTH LIGHTING
EXTERIOR LIGHTING	1840	15	29		3680		65	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	30			3680	66	15	1840	EXTERIOR LIGHTING
EXTERIOR LIGHTING	1840	15	31	1840			67			
EXTERIOR LIGHTING	1840	15	32		1840		68			
EXTERIOR LIGHTING	1840	15	33			1840	69			
EXTERIOR LIGHTING	1840	15	34	1840			70			
EXTERIOR LIGHTING	1840	15	35		1840		71			
EXTERIOR LIGHTING	1840	15	36			1840	72			
TOTAL				38400	39640	39640				
LIGHTING		117.68	ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING		TOTAL (kVA)	
PARKING RECEPTACLES			AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT			
ELECTRIC HEATING			ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		117.68	

PANEL	L3							LOCATION: REFER TO DRAWING				
VOLTAGE:	347/600V/3Ø/4W	400A MAINS						MOUNTING: SURFACE				
								POWER: NORMAL/GENERATOR				
DESCRIPTION		LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION	
					A	B	C					
EXTERIOR LIGHTING		1840	15	1	3680			37	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	2		3680		38	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	3			3680	39	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	4	3680			40	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	5		3680		41	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	6			3680	42	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	7	3680			43	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	8		3680		44	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	9			3680	45	15	1840	EXTERIOR LIGHTING	
EXTERIOR LIGHTING		1840	15	10	1840			46				
EXTERIOR LIGHTING		1840	15	11			1840	47				
EXTERIOR LIGHTING		1840	15	12				1840	48			
EXTERIOR LIGHTING		1840	15	13	1840			49				
EXTERIOR LIGHTING		1840	15	14			1840	50				
EXTERIOR LIGHTING		1840	15	15				1840	51			
EXTERIOR LIGHTING		1840	15	16	1840			52				
EXTERIOR LIGHTING		1840	15	17			1840	53				
EXTERIOR LIGHTING		1840	15	18				1840	54			
EXTERIOR LIGHTING		1840	15	19	1840			55				
EXTERIOR LIGHTING		1840	15	20			1840	56				
EXTERIOR LIGHTING		1840	15	21				1840	57			
EXTERIOR LIGHTING		1840	15	22	1840			58				
EXTERIOR LIGHTING		1840	15	23			1840	59				
EXTERIOR LIGHTING		1840	15	24				1840	60			
EXTERIOR LIGHTING		1840	15	25	1840			61				
EXTERIOR LIGHTING		1840	15	26			1840	62				
EXTERIOR LIGHTING		1840	15	27				1840	63			
EXTERIOR LIGHTING		1840	15	28	1840			64				
EXTERIOR LIGHTING		1840	15	29			1840	65				
EXTERIOR LIGHTING		1840	15	30				1840	66			
EXTERIOR LIGHTING		1840	15	31	1840			67				
EXTERIOR LIGHTING		1840	15	32			1840	68				
EXTERIOR LIGHTING		1840	15	33				1840	69			
EXTERIOR LIGHTING		1840	15	34	1840			70				
EXTERIOR LIGHTING		1840	15	35			1840	71				
EXTERIOR LIGHTING		1840	15	36				1840	72			
TOTAL					27600	27600	27600					
LIGHTING		82.80	ELECTRIC WATER HEATING		MOTORS					ELECTRIC RAMP HEATING		TOTAL (kVA)
PARKING RECEPTACLES			AIR CONDITIONING		MISCELLANEOUS LOADS					LAUNDRY EQUIPMENT		
ELECTRIC HEATING			ELEVATOR MOTORS		ELECTRIC BOILER					KITCHEN EQUIPMENT		
												82.80

PANEL	EP2 (EXISTING)					LOCATION: REFER TO DRAWING					
VOLTAGE:	347/600V/3Ø/4W			225A MAINS			MOUNTING: SURFACE				
						POWER: EMERGENCY					
DESCRIPTION	LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION	
				A	B	C					
EXISTING			1				22				
EXISTING			2				23				
EXISTING			3				24				
EXISTING			4				25				
EXISTING			5				26				
EXISTING			6				27				
EXISTING			7				28				
EXISTING			8				29				
EXISTING			9				30				
EXISTING			10				31				
EXISTING			11				32				
EXISTING			12				33				
EXISTING			13				34				
EXISTING			14				35				
EXISTING			15				36				
			16				37				
			17				38				
			18				39				
			19				40				
			20				41				
			21				42				
			TOTAL								
LIGHTING		ELECTRIC WATER HEATING		MOTORS			ELECTRIC RAMP HEATING				
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS			LAUNDRY EQUIPMENT		TOTAL (kVA)		
ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC LOILS			KITCHEN EQUIPMENT				

PANEL	D1 (EXISTING)				LOCATION: REFER TO DRAWING						
VOLTAGE:	120/208V/3Ø/4W		225A MAINS		MOUNTING: SURFACE						
				POWER: NORMAL							
DESCRIPTION	LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION	
				A	B	C					
EXISTING			1				31			EXISTING	
EXISTING			2				32			EXISTING	
EXISTING			3				33			EXISTING	
EXISTING			4				34			EXISTING	
EXISTING			5				35			EXISTING	
EXISTING			6				36			EXISTING	
EXISTING			7				37			EXISTING	
EXISTING			8				38				
EXISTING			9				39				
EXISTING			10				40				
EXISTING			11				41				
EXISTING			12				42				
EXISTING			13				43				
EXISTING			14				44	15		LIGHTING	
EXISTING			15				45	15		LIGHTING	
EXISTING			16				46	15		LIGHTING	
EXISTING			17				47				
EXISTING			18				48				
EXISTING			19				49				
EXISTING			20				50				
EXISTING			21				51				
EXISTING			22				52				
EXISTING			23				53				
EXISTING			24				54				
EXISTING			25				55				
EXISTING			26				56				
EXISTING			27				57				
EXISTING			28				58				
EXISTING			29				59				
EXISTING			30				60	15		GROUND LEVEL INSPECTION LIGHTING	
			TOTAL								
LIGHTING			ELECTRIC WATER HEATING		MOTORS			ELECTRIC RAMP HEATING			TOTAL (kVA)
PARKING REINFORCEMENT			AIR CONDITIONING		MISCELLANEOUS LOADS			LAUNDRY EQUIPMENT			
ELECTRIC HEATING			ELEVATOR MOTORS		ELECTRIC BOILER			KITCHEN EQUIPMENT			

PANEL		D2						LOCATION: REFER TO DRAWING				
VOLTAGE:		120/208V/3Ø/4W		400A MAINS				MOUNTING: SURFACE				
								POWER: NORMAL				
DESCRIPTION		LOAD	BRKR	CCT	PHASE			CCT	BRKR	LOAD	DESCRIPTION	
					A	B	C					
NO2/CO PANEL		650	15	1	2050			31	20	1400	CU-1A	
REC.		50	15	2		1450		32		1400		
REC.		50	15	3			530	33	15	480	CF-1A	
REC.		50	15	4	530			34	15	480	CF-2A	
REC.		50	15	5		530		35	15	480	CF-3A	
				6			480	36	15	480	CF-4A	
				7	480			37	15	480	CF-5A	
HEAT TRACE		750	20 GFI	8		750		38				
HEAT TRACE		750	20 GFI	9			1440	39	15	690	UH-8A	
HEAT TRACE		750	20 GFI	10	1440			40	15	690	UH-9A	
FFH2		2000		11		2690		41	15	690	UH-10A	
		2000	30	12			2690	42	15	690	UH-11A	
FALSE		2400		13	3090			43	15	690	UH-12A	
		2400	40	14		3090		44	15	690	UH-13A	
				15			4000	45		4000		
				16	4000			46	50	4000	EHC-1A	
				17		4000		47		4000		
ACOMP-1		790		18			2457	48		1667		
		790	20	19	2457			49	20	1667	EHC-2A	
		1080		20		2747		50		1667		
STP-1 / STP-2 CONTROL PANEL		1080		21			4512	51		3432		
		1080	30	22	4512			52	45	3432	EHC-2	
ERV-1A		1924		23		1924		53				
		1924		24			1924	54				
AHU-1A		426		25	426			55				
		426	15	26		426		56				
EF-1A		1100		27			1100	57				
		1100	25	28	1100			58				
				29		3900		59	60	3900	PANEL G2	
				30			3900	60				
		TOTAL			20085	21507	23033					
LIGHTING			ELECTRIC WATER HEATING		MOTORS			9.42	ELECTRIC RAMP HEATING			TOTAL (kVA)
PARKING RECEPTACLES			AIR CONDITIONING		2.80	MISCELLANEOUS LOADS			8.65	LAUNDRY EQUIPMENT		
ELECTRIC HEATING		43.76	ELEVATOR MOTORS			ELECTRIC BOILER				KITCHEN EQUIPMENT		64.63