

PANEL 'LSA'				VOLTAGE : 120/240V BUS : 100A				PHASE : 1 WIRE : 3			
DESCRIPTION		LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION				
EXIT SIGNS — ACCOMMODATION		150	15	1 — 2	15	340	NTG LTG/EMER LTG — ACCOMM.				
				3 — 4			SPARE				
				5 — 6							
				7 — 8							
				9 — 10							
				11 — 12							
HTG. : 0kW		LTG. : 0.5kW		MTR. : 0kW		MISC. : 0kW		TOTAL : 0.5kW			

PANEL 'LSO'				VOLTAGE : 120/240V BUS : 100A				PHASE : 1 WIRE : 3			
DESCRIPTION		LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION				
EXIT SIGNS — OFFICE		250	15	1 ————— 2	15	376	NTG LTG/EMER LTG — OFFICE				
CO. PANEL		500	15	3 ————— 4							
				5 ————— 6							
				7 ————— 8							
				9 ————— 10							
				11 ————— 12							
HTG. : 0KW		LTG. : 0.6KW		MTR. : 0KW		MISC. : 0.5KW		TOTAL : 1.1KW			

PANEL 'LSG'				VOLTAGE : 120/240V BUS : 100A				PHASE : 1 WIRE : 3			
DESCRIPTION		LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION				
EXIT SIGNS — GARAGE		50	15	1 — 2	15	104	NTG LTG/EMER LTG — GARAGE				
				3 — 4							
				5 — 6							
				7 — 8							
				9 — 10							
				11 — 12							
HTG. : 0KW		LTG. : 0.2KW		MTR. : 0KW		MISC. : 0KW		TOTAL : 0.2KW			

LOAD SUMMARY (PANEL LSA)	Demand Factor	Connected Load	Demand Load
Heating	0.75	.00 kW	.00 kW
Lighting	1.00	.49 kW	.49 kW
Refrigeration/Mo	0.75	.00 kW	.00 kW
Miscellaneous	0.50	.00 kW	.00 kW
TOTAL LOAD		.49 kW	.49 kW
Current (I _c) at 240 V		2.04 Amps	2.04 Amps
x Spare Capacity 25%		2.55 Amps	2.55 Amps

LOAD SUMMARY (PANEL LSO)	Demand Factor	Connected Load	Demand Load
Heating	0.75	.00 kW	.00 kW
Lighting	1.00	.63 kW	.63 kW
Refrigeration/Mo	0.75	.00 kW	.00 kW
Miscellaneous	0.50	.50 kW	.25 kW
TOTAL LOAD		1.13 kW	.88 kW
Current (I _c) at 240 V		4.69 Amps	3.65 Amps
x Spare Capacity 25%		5.86 Amps	4.56 Amps

LOAD SUMMARY (PANEL LSG)	Demand Factor	Connected Load	Demand Load
Heating	0.75	.00 kW	.00 kW
Lighting	1.00	.15 kW	.15 kW
Refrigeration/Mo	0.75	.00 kW	.00 kW
Miscellaneous	0.50	.00 kW	.00 kW
TOTAL LOAD		.15 kW	.15 kW
Current (I _c) at 240 V		.64 Amps	.64 Amps
x Spare Capacity 25%		.8 Amps	.8 Amps

LOAD SUMMARY (PANEL A)	Demand Factor	Connected Load	Demand Load
Heating	0.75	15.35 kW	11.51 kW
Lighting	1.00	.76 kW	.76 kW
Refrigeration/Motor	0.75	.00 kW	.00 kW
Miscellaneous	0.50	29.45 kW	14.73 kW
TOTAL LOAD		45.56 kW	27.00 kW
Current (I _c) at 240 V		189.83 Amps	112.49 Amps
I _c = I _c x Spare Capacity 25%		237.29 Amps	140.61 Amps

LOAD SUMMARY (PANEL O)	Demand Factor	Connected Load	Demand Load
Heating	0.75	17.50 kW	13.13 kW
Lighting	1.00	1.35 kW	1.35 kW
Refrigeration/Motor	0.75	.00 kW	.00 kW
Miscellaneous	0.50	19.88 kW	9.94 kW
TOTAL LOAD		38.73 kW	24.41 kW
Current (I _c) at 240 V		161.37 Amps	101.73 Amps
I _c = I _c x Spare Capacity 25%		201.71 Amps	127.16 Amps

LOAD SUMMARY (PANEL G)	Demand Factor	Connected Load	Demand Load
Heating	0.75	.55 kW	.41 kW
Lighting	1.00	.36 kW	.36 kW
Refrigeration/Mo	0.75	.00 kW	.00 kW
Miscellaneous	0.50	2.20 kW	1.10 kW
TOTAL LOAD		3.11 kW	1.87 kW
Current (I _c) at 240 V		12.96 Amps	7.8 Amps
x Spare Capacity 25%		16.2 Amps	9.75 Amps

PANEL 'A'			VOLTAGE : 120/240V BUS : 150A			PHASE : 1 WIRE : 3		
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION		
LTG -- INTERIOR ACCOMM.	534	15	1	2	60	10k	GENERATOR ENCLOSURE	
LTG -- EXTERIOR ACCOMM.	36	15	3	4	2P			
TWH-1, TWH-2, TWH-3	300	15	5	6	15			

PANEL 'O'			VOLTAGE : 120/240V BUS : 150A					PHASE : 1 WIRE : 3	
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION			
LTG - INTERIOR OFFICE/EF-1	1068	15	1	2	15	600	RECEPT - CHANGE/DRYING RM		
LTG - EXTERIOR OFFICE	72	15	3	4	15	400	RECEPT - WASHROOM		
THE-4 - TWH-5	200	15	5	6	15	1400	RECEPT - CORRIDOR		
RECEPT - MECH & ELEC RM	800	15	7	8	15	200	RECEPT - PRINTER/COPIER		
SP-2	1000	15	9	10	15	500	RECEPT - TV OIC OFFICE		
RECEPT - ENG. OFFICE	1000	15	11	12	15	500	RECEPT - TV OIC OFFICE		
F-2	1200	15	13	14	15	400	RECEPT - OIC OFFICE		
RECEPT - IT RM	400	15	15	16	15	100	HRV-2		
TELEPHONE BACKBOARD	1000	15	17	18	15	400	RECEPT - RECEPTION		
RECEPT - EXTERIOR OFFICE	400	15	19	20	15	500	DOOR OPERATOR		
RECEPT - GEAR STORAGE	200	15	21	22	15	1200	RECEPT - MEETING ROOM		
EUH-5	2000	15	23	24	15	500	RECEPT - TV MEETING ROOM		
		2P	25	26	15	500	PROJECTOR		
EUH-6	2000	15	27	28	15	500	FLOOR RECEPT - MEETING RM		
		2P	29	30	15	200	RECEPT - KITCH. COUNTERTOP		
EUH-7	2000	15	31	32	15	200	RECEPT - KITCH. COUNTERTOP		
		2P	33	34	15	600	RECEPT - KITCH. COUNTERTOP		
EUH-8	2000	15	35	36	15	500	FRIDGE		
		2P	37	38	15	1000	MICROWAVE		
CU-2	5500	30	39	40	15	750	DISHWASHER		
		2P	41	42	20	1500	EBBH-2/EBBH-3/EBBH-4		
LTG - CRAW SPACE	190	15	43	44	20	1550	BOOT DRYER		
RECEPT - COUNTERTOP	500	15	45	46	15	1000	RECEPT - LIFT		
LTG - LIFT HOISTWAY PIT	200	15	47	48	15	1000	RECEPT - LIFT HOISTWAY PIT		
LIFT AUXILIARY ITMES	1000	15	49	50					
			51	52					
			53	54					
			55	56					
			57	58					
			59	60					
HTG. : 17.5KW	LTG. : 1.3KW	MTR. : 0KW			MISC. : 19.9KW		TOTAL : 38.7KW		

PANEL 'G'			VOLTAGE : 120/240V BUS : 100A				PHASE : 1 WIRE : 3	
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION		
GUH-1	550	15	1	2	15	188	LTG - INTERIOR GARAGE	
O/H DOOR GARAGE	1000	15	3	4	15	18	LTG - EXTERIOR GARAGE	
EXIT SIGNS - GARAGE	50	15	5	6	15	104	NTG LTG/EMER LTG - GARAGE	
RECEPT - GARAGE	1200	15	7	8				
			9	10				
			11	12				
HTG. : 0.6KW	LTG. : 0.4KW		MTR. : 0KW		MISC. : 2.2KW		TOTAL : 3.1KW	