

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

ES-602

PANELBOARD SCHEDULES

A

B

C

D

E

F

Branch Panel: GH-1

Location: ELEC 106
Supply From: GMD5
Mounting: Surface
Enclosure: Type 1

Volts: 277/480
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Level 1 Lighting	20 A	1	1898	2819			1	20 A Level 1 Lighting	2
3	Level 2 Lighting	20 A	1		2701 730 VA			1	20 A Level 4 Pole Lighting South	4
5	Level 3 Lighting	20 A	1			2117 730 VA		1	20 A Level 4 POLE LIGHTING	6
7	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	8
9	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	10
11	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	12
13	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	14
15	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	16
17	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	18
19	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	20
21	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	22
23	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	24
25	Space	--	--	0 VA	0 VA			--	Space	26
27	Space	--	--		0 VA 0 VA			--	Space	28
29	Space	--	--			0 VA 0 VA		--	Space	30
Total Load:				4717 VA	3431 VA	2847 VA				
Total Amps:				17 A	13 A	10 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	10995 VA	100.00%	10995 VA	
				Total Conn. Load: 10995 VA
				Total Est. Demand: 10995 VA
				Total Conn. Current: 13 A
				Total Est. Demand Current: 13 A

Notes:

Branch Panel: LP-1

Location: ELEC 106
Supply From: TLP-1
Mounting: Surface
Enclosure: Type 2

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Car Charging Pedestal	45 A	2	3600	3600			2	45 A Car Charging Pedestal	2
3	--	--	--		3600 3600			--	--	4
5	Car Charging Pedestal	45 A	2			3600 3600		2	45 A Car Charging Pedestal	6
7	--	--	--	3600 3600				--	--	8
9	Car Charging Pedestal	45 A	2		3600 3600			2	45 A Car Charging Pedestal	10
11	--	--	--			3600 3600		--	--	12
13	Space	--	--	0 VA	3600			2	45 A Car Charging Pedestal	14
15	Car Charging Pedestal	45 A	2		3600 3600			--	--	16
17	--	--	--			3600 3600		2	45 A Car Charging Pedestal	18
19	Space	--	--	0 VA	3600			--	--	20
21	Space	--	--		0 VA 3600			2	45 A Car Charging Pedestal	22
23	Space	--	--			0 VA 3600		--	--	24
25	Space	--	--	0 VA	0 VA			--	Space	26
27	Space	--	--		0 VA 0 VA			--	Space	28
29	Space	--	--			0 VA 0 VA		--	Space	30
Total Load:				21600 VA	25200 VA	25200 VA				
Total Amps:				180 A	215 A	215 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	72000 VA	56.94%	41000 VA	
				Total Conn. Load: 72000 VA
				Total Est. Demand: 41000 VA
				Total Conn. Current: 200 A
				Total Est. Demand Current: 114 A

Notes:

Branch Panel: LLGH1-1

Location: ELEC 106
Supply From: TLLGH-1
Mounting: Surface
Enclosure: Type 1

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Level 1 Door Operator Motor	20 A	1	1000	500 VA			1	20 A Level 2 Door Operator Motor	2
3	Level 3 Door Operator Motor	20 A	1		500 VA 0 VA			--	--	4
5	Level 4 Door Operator Motor	20 A	1			500 VA 0 VA		1	20 A Spare	6
7	Space	--	--	0 VA	0 VA			1	20 A Spare	8
9	Space	--	--		0 VA 0 VA			1	20 A Spare	10
11	Space	--	--			0 VA 0 VA		1	20 A Spare	12
13	Space	--	--	0 VA	0 VA			--	--	14
15	Space	--	--		0 VA 0 VA			--	--	16
17	Space	--	--			0 VA 0 VA		--	--	18
19	Space	--	--	0 VA	0 VA			--	--	20
21	Space	--	--		0 VA 0 VA			--	--	22
23	Space	--	--			0 VA 0 VA		--	--	24
25	Space	--	--	0 VA	0 VA			--	Space	26
27	Space	--	--		0 VA 0 VA			--	Space	28
29	Space	--	--			0 VA 0 VA		--	Space	30
Total Load:				1500 VA	500 VA	500 VA				
Total Amps:				13 A	4 A	4 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	2500 VA	100.00%	2500 VA	
				Total Conn. Load: 2500 VA
				Total Est. Demand: 2500 VA
				Total Conn. Current: 7 A
				Total Est. Demand Current: 7 A

Notes:

THE MANUFACTURER SHALL PROVIDE BREAKER SELECTION TO ASSURE A SELECTIVE COORDINATION SYSTEM BETWEEN BRANCH DEVICE AND UPSTREAM OVERCURRENT FEEDER DEVICE.
THE CALCULATED SHORT CIRCUIT CURRENT IS 1550.53A BASED ON THE ASSUMPTION NOTED IN THE SHEET.

Branch Panel: L-1

Location: ELEC 106
Supply From: TL-1
Mounting: Surface
Enclosure: Type 2

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RECPT LEVEL 2	20 A	1	540 VA	540 VA			1	20 A RECPT LOBBY 101	2
3	RECPT LEVEL 3	20 A	1		540 VA 540 VA			1	20 A RECPT LEVEL 3	4
5	EF-1	20 A	1			1100 1730		1	20 A CP-1	6
7	FCU-3	20 A	1	1100	1080			1	20 A RECPT PARKING RAMP LEVEL 1	8
9	FCU-1	20 A	1		865 VA 1100			1	20 A FCU-2	10
11	SP-1 RM MECH	20 A	1			180 VA 180 VA		1	20 A RECPT RM 106	12
13	RECPT RM 104	20 A	1	180 VA 180 VA				1	20 A RECPT RM 105	14
15	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	16
17	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	18
19	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	20
21	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	22
23	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	24
25	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	26
27	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	28
29	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	30
Total Load:				3620 VA	3045 VA	3190 VA				
Total Amps:				30 A	25 A	27 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	5895 VA	100.00%	5895 VA	
Other	0 VA	0.00%	0 VA	Total Conn. Load: 5895 VA
Power	3960 VA	100.00%	3960 VA	Total Est. Demand: 9855 VA
				Total Conn. Current: 27 A
				Total Est. Demand Current: 27 A

Notes:

Branch Panel: LHGH1-1

Location: ELEC 106
Supply From: LH1B2
Mounting: Surface
Enclosure: Type 1

Volts: 277/480
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Level 1 Lighting	20 A	1	1250	1242			1	20 A Canopy Lighting	2
3	Level 2 Lighting	20 A	1		1185 1898			1	20 A Level 4 N. Lighting	4
5	Level 3 Lighting	20 A	1			1112 0 VA		1	20 A Spare	6
7	Lighting	20 A	1	662 VA	0 VA			1	20 A Spare	8
9	Open Stair Lighting	20 A	1		321 VA 0 VA			1	20 A Spare	10
11	Level 4 S. Lighting	20 A	1			1606 0 VA		1	20 A Spare	12
13	Space	--	--	0 VA	0 VA			--	Space	14
15	Space	--	--		0 VA 0 VA			--	Space	16
17	Space	--	--			0 VA 0 VA		--	Space	18
19	Space	--	--	0 VA	0 VA			--	Space	20
21	Space	--	--		0 VA 0 VA			--	Space	22
23	Space	--	--			0 VA 0 VA		--	Space	24
25	Space	--	--	0 VA	0 VA			--	Space	26
27	Space	--	--		0 VA 0 VA			--	Space	28
29	Space	--	--			0 VA 0 VA		--	Space	30
Total Load:				3154 VA	3404 VA	2718 VA				
Total Amps:				12 A	13 A	10 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	9275 VA	100.00%	9275 VA	
				Total Conn. Load: 9275 VA
				Total Est. Demand: 9275 VA
				Total Conn. Current: 11 A
				Total Est. Demand Current: 11 A

Notes:

THE MANUFACTURER SHALL PROVIDE BREAKER SELECTION TO ASSURE A SELECTIVE COORDINATION SYSTEM BETWEEN BRANCH DEVICE AND UPSTREAM OVERCURRENT FEEDER DEVICE.
THE CALCULATED SHORT CIRCUIT CURRENT IS 4996.48A BASED ON THE ASSUMPTION NOTED ON THE SHEET.

Branch Panel: CELEV

Location: ELEV. EQUIP RM 103
Supply From: TCLEV
Mounting: Surface
Enclosure: Type 2

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 14,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Elevator Pit Recpt	20 A	1	360 VA	360 VA			1	20 A ELEVATOR PIT RECPT	2
3	Spare	20 A	1		0 VA 312 VA			1	20 A Elevator Pit Lighting	4
5	Spare	20 A	1			0 VA 219 VA		1	20 A Elevator Equipment Recpt, Light	6
7	Spare	20 A	1	0 VA	0 VA			--	--	8
9	Spare	20 A	1		0 VA 0 VA			--	--	10
11	Spare	20 A	1			0 VA 0 VA		--	--	12
13	Spare	20 A	1	0 VA	0 VA			--	--	14
15	Spare	20 A	1		0 VA 0 VA			--	--	16
17	Spare	20 A	1			0 VA 0 VA		--	--	18
19	Spare	20 A	1	0 VA	0 VA			--	--	20
21	Spare	20 A	1		0 VA 0 VA			--	--	22
23	Space	--	--		0 VA 0 VA			--	Space	24
25	Space	--	--	0 VA	0 VA			--	Space	26
27	Space	--	--		0 VA 0 VA			--	Space	28
29	Space	--	--			0 VA 0 VA		--	Space	30
Total Load:				720 VA	312 VA	219 VA				
Total Amps:				6 A	3 A	2 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	900 VA	100.00%	900 VA		
Lighting	351 VA	100.00%	351 VA		
				Total Conn. Load:	1251 VA
				Total Est. Demand:	1251 VA
				Total Conn. Current:	3 A
				Total Est. Demand Current:	3 A