

UPPER BALCONY SR.

PANEL: LB4A VOLTAGE: 208 / 120 3Ø 4W CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING
 BUS: 225A R - RECEPTACLES W - ELECT. WATER HTR
 DATE: 4/1/10 5:26 PM MAINS: L.O. MOUNTING: SURFACE FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
 JOB: 09.0394

CIRCUIT NO.	CIRCUIT TYPE	LOAD DESIGNATION	DESCRIPTION (NOTE)	C O N N E C T E D V A								LOAD DESIGNATION	DESCRIPTION	TRIP	FUSE	CIRCUIT CODE	CIRCUIT NO.					
				ØA	ØB	ØC	A	B	C	ØA	ØB							ØC				
1	R	20	1	REC-GRD IRON		540			360			180						20	1	R	2	
3	L	20	1	REC-GRD IRON															20	1	L	4
5	R	20	1	REC-GRD IRON															20	1	R	6
7	L	20	1	REC-GRD IRON															20	1	L	8
9	R	20	1	REC-GRD IRON															20	1	R	10
11	L	20	1	REC-GRD IRON															20	1	L	12
13	R	20	1	REC-GRD IRON															20	1	R	14
15	L	20	1	REC-ROOF		360			720			180							20	1	L	16
17	R	20	1	REC-UPPER BALC															20	1	R	18
19	L	20	1	REC-UPPER BALC															20	1	L	20
21	R	20	1	REC-UPPER BALC															20	1	R	22
23	L	20	1	REC-UPPER BALC															20	1	L	24
25	R	20	1	REC-UPPER BALC															20	1	R	26
27	L	20	1	FC-23, FC-24					700			180							20	1	L	28
29	R	20	1	SPARE															20	1	R	30
31	L	20	1	SPARE															20	1	L	32
33	R	20	1	SPARE															20	1	R	34
35	L	20	1	SPARE															20	1	L	36
37	R	20	1	SPARE															20	1	R	38
39	L	20	1	SPARE															20	1	L	40
41	R	20	1	SPARE															20	1	R	42

PANEL NOTES:
 PHASE TOTALS PH A: 2660 PH B: 1980 PH C: 2500 TOTAL CONNECTED VA 7140
 PANEL CONNECTED KVA 7.1
 PANEL DEMAND KVA 7.3
 PANEL DEMAND AMPS 20.2

NOTICE:
 1. ROUTE ALL CIRCUITS VIA RELAY CABINET RP-2.
 2. FURNISH WITH 200% NEUTRALS.

CALCULATION BY LOAD TYPE:
 LIGHTING 500 VOLTAMPS x 1.25 = 625 VOLTAMPS
 RECEPTACLES - 1ST 10KVA 5,940 VOLTAMPS x 1.00 = 5,940 VOLTAMPS
 RECEPTACLES - BALANCE 0 VOLTAMPS x 0.50 = 0 VOLTAMPS
 LARGEST MOTOR LOAD 0 VOLTAMPS x 1.25 = 0 VOLTAMPS
 BALANCE OF MOTOR LOADS 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 KITCHEN EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC HEATING EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC WATER HEATER 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 AIR CONDITIONING 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 MISC LOADS 700 VOLTAMPS x 1.00 = 700 VOLTAMPS
 TOTAL CALCULATED DEMAND LOAD = 7,265 VOLTAMPS
 20.2 FULL LOAD AMPS

DIMMER ROOM 216

PANEL: LA2TA VOLTAGE: 208 / 120 3Ø 4W CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING
 BUS: 225A R - RECEPTACLES W - ELECT. WATER HTR
 DATE: 4/1/10 3:56 PM MAINS: L.O. MOUNTING: SURFACE FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
 JOB: 09.0394

CIRCUIT NO.	CIRCUIT TYPE	LOAD DESIGNATION	DESCRIPTION (NOTE)	C O N N E C T E D V A								LOAD DESIGNATION	DESCRIPTION	TRIP	FUSE	CIRCUIT CODE	CIRCUIT NO.						
				ØA	ØB	ØC	A	B	C	ØA	ØB							ØC					
1	L	20	1	RP2-335, ORGAN LOFT HR		300			300										20	1	L	2	
3	L	20	1	RP2-344, WINDOW BOX HR																20	1	L	4
5	L	20	1	RP2-341, FOUNTAIN HR																20	1	L	6
7	L	20	1	SPARE																20	1	L	8
9	L	20	1	RP2-350, UP BALC HR																20	1	L	10
11	L	20	1	RP2-351, UP BALC HR																20	1	L	12
13	L	20	1	RP2-354, UP BALC HR																20	1	L	14
15	L	20	1	RP2-355, UP BALC HR																20	1	L	16
17	L	20	1	RP2-339, BOX BOOM																20	1	L	18
19	L	20	1	RP2-340, BOX BOOM																20	1	L	20
21	L	20	1	RP2-337, GRID IRON																20	1	L	22
23	L	20	1	RP2-338, GRID IRON																20	1	L	24
25	L	20	1	SPARE																20	1	L	26
27	L	20	1	SPARE																20	1	L	28
29	L	20	1	SPARE																20	1	L	30
31	L	20	1	SPARE																20	1	L	32
33	L	20	1	SPARE																20	1	L	34
35	L	20	1	SPARE																20	1	L	36
37	L	20	1	SPARE																20	1	L	38
39	L	20	1	SPARE																20	1	L	40
41	L	20	1	SPARE																20	1	L	42

PANEL NOTES:
 PHASE TOTALS PH A: 3237 PH B: 3833 PH C: 3136 TOTAL CONNECTED VA 10206
 PANEL CONNECTED KVA 10.2
 PANEL DEMAND KVA 12.8
 PANEL DEMAND AMPS 35.4

NOTICE:
 1. ROUTE ALL CIRCUITS VIA RELAY CABINET RP-2.
 2. FURNISH WITH 200% NEUTRAL.

CALCULATION BY LOAD TYPE:
 LIGHTING 10,206 VOLTAMPS x 1.25 = 12,758 VOLTAMPS
 RECEPTACLES - 1ST 10KVA 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 RECEPTACLES - BALANCE 0 VOLTAMPS x 0.50 = 0 VOLTAMPS
 LARGEST MOTOR LOAD 0 VOLTAMPS x 1.25 = 0 VOLTAMPS
 BALANCE OF MOTOR LOADS 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 KITCHEN EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC HEATING EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC WATER HEATER 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 AIR CONDITIONING 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 MISC LOADS 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 TOTAL CALCULATED DEMAND LOAD = 12,758 VOLTAMPS
 35.4 FULL LOAD AMPS

STORAGE 223

PANEL: LA2TB VOLTAGE: 208 / 120 3Ø 4W CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING
 BUS: 225A R - RECEPTACLES W - ELECT. WATER HTR
 DATE: 4/1/10 5:33 PM MAINS: L.O. MOUNTING: SURFACE FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
 JOB: 09.0394

CIRCUIT NO.	CIRCUIT TYPE	LOAD DESIGNATION	DESCRIPTION (NOTE)	C O N N E C T E D V A								LOAD DESIGNATION	DESCRIPTION	TRIP	FUSE	CIRCUIT CODE	CIRCUIT NO.							
				ØA	ØB	ØC	A	B	C	ØA	ØB							ØC						
1	L	20	1	RP3-360, ORCH CHAIR HR																20	1	L	2	
3	L	20	1	RP3-361, ORCH CHAIR HL																	20	1	L	4
5	L	20	1	RP3-336, STEP LTS HR																	20	1	L	6
7	L	20	1	RP3-363, STEP LTS HL																	20	1	L	8
9	L	20	1	RP3-364, HISTORIC SIGNAGE																	20	1	L	10
11	L	20	1	RP3-367, CHAIR HR																	20	1	L	12
13	L	20	1	RP3-368, CHAIR HL																	20	1	L	14
15	L	20	1	RP3-369, STEP HR																	20	1	L	16
17	L	20	1	RP3-370, STEP HL																	20	1	L	18
19	L	20	1	RE3-371, STEP HR																	20	1	L	20
21	L	20	1	RP3-372, STEP HL																	20	1	L	22
23	L	20	1	RP3-379, CHAIR HR																	20	1	L	24
25	L	20	1	RP3-380, CHAIR HL																	20	1	L	26
27	L	20	1	LIGHTING																	20	1	L	28
29	L	20	1	LIGHTING																	20	1	L	30
31	L	20	1	SPARE																	20	1	L	32
33	L	20	1	SPARE																	20	1	L	34
35	L	20	1	SPARE																	20	1	L	36
37	L	20	1	SPARE																	20	1	L	38
39	L	20	1	SPARE																	20	1	L	40
41	L	20	1	SPARE																	20	1	L	42

PANEL NOTES:
 PHASE TOTALS PH A: 4832 PH B: 3855 PH C: 6000 TOTAL CONNECTED VA 14687
 PANEL CONNECTED KVA 14.7
 PANEL DEMAND KVA 18.1
 PANEL DEMAND AMPS 50.1

NOTICE:
 1. ROUTE ALL CIRCUITS VIA RELAY CABINET RP-3.
 2. FURNISH WITH 200% NEUTRALS.

CALCULATION BY LOAD TYPE:
 LIGHTING 13,479 VOLTAMPS x 1.25 = 16,849 VOLTAMPS
 RECEPTACLES - 1ST 10KVA 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 RECEPTACLES - BALANCE 0 VOLTAMPS x 0.50 = 0 VOLTAMPS
 LARGEST MOTOR LOAD 0 VOLTAMPS x 1.25 = 0 VOLTAMPS
 BALANCE OF MOTOR LOADS 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 KITCHEN EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC HEATING EQUIPMENT 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 ELECTRIC WATER HEATER 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 AIR CONDITIONING 0 VOLTAMPS x 1.00 = 0 VOLTAMPS
 MISC LOADS 1,208 VOLTAMPS x 1.00 = 1,208 VOLTAMPS
 TOTAL CALCULATED DEMAND LOAD = 18,057 VOLTAMPS
 50.1 FULL LOAD AMPS

FOH DIMMER ROOM 216

PANEL: LA2TC VOLTAGE: 208 / 120 3Ø 4W CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING
 BUS: 225A R - RECEPTACLES W - ELECT. WATER HTR
 DATE: 4/1/10 3:56 PM MAINS: L.O. MOUNTING: SURFACE FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
 JOB: 09.0394

CIRCUIT NO.	CIRCUIT TYPE	LOAD DESIGNATION	DESCRIPTION (NOTE)	C O N N E C T E D V A								LOAD DESIGNATION	DESCRIPTION	TRIP	FUSE	CIRCUIT CODE	CIRCUIT NO.								
				ØA	ØB	ØC	A	B	C	ØA	ØB							ØC							
1	L	20	1	NEMA L21-20R PB-21																	20	1	L	2	
3	L	20	1	---																		20	1	L	4
5	L	20	1	---																		20	1	L	6
7	L	20	1	NEMA L21-20R PB-23																		20	1	L	8
9	L	20	1	---																		20	1	L	10
11	L	20	1	---																		20	1	L	12
13	L	20	1	NEMA 5-20R PB-21																		20	1	L	14
15	L	20	1	NEMA 5-20R PB-22																		20	1	L	16
17	L	20	1	NEMA 5-20R PB-23																		20	1	L	18
19	L	20	1	REG. LTG. EQUIP.																					