UPPER BALCONY SR

PANEL: LB4TA

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A
MAINS: L.O. MOUNTING: SURFACE
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
DATE: 4/1/10 5:36 PM
JOB: 09.0394

CIRCUIT CODE: L – LIGHTING; R – RECEPTACLES; LM – LARGEST MOTOR; M – MOTOR; K – KITCHEN; H – ELECTRIC HEATING; W – ELECT. WATER HTR; A – AIR CONDITIONING; O – MISCELLANEOUS

CKT NO	CODE	TRIP	POLE	LOAD DESCRIPTION	(NOTE)	CONNECTED VA ØA	ØB	ØC	A	B	C	LOAD DESCRIPTION	(NOTE)	TRIP	POLE	CODE	CKT NO
1	L	20	1	RP1–311, STAIR SL	1	268			•			12	RP1–322, STAGE (BLUE)	20	1	L	2
3	L	20	1	RP1–312, STAIR SL	1		124			•		20	RP1–324, UPSTAGE (BLUE)	20	1	L	4
5	L	20	1	RP1–315, STAIR SR	1			68	•			20	RP1–313, STAIR SR (BLUE)	20	1	L	6
7	L	20	1	RP1–314, STAIR SR	1	334				•		30	RP1–326, STAGE DOOR (BLUE)	20	1	L	8
9	L	20	1	RP1–327, STAGE DOOR	1		124		•			50	RP1–316, STAIR SR (BLUE)	20	1	L	10
11	L	20	1	RP1–318, ORCH. PIT	1			264		•		16	RP1–317, ORCH PIT (BLUE)	20	1	L	12
13	L	20	1	RP1–319, MULTI–PURPOSE	2	264			•			1000	RP1–328, FLOOD SL	20	1	L	14
15	L	20	1	RP1–320, ORCH PIT	2		330			•		1000	RP1–328, FLOOD SL	20	1	L	16
17	L	20	1	RP1–323, STAGE WALL	2			78			•	1000	RP1–329, FLOOD SL	20	1	L	18
19	L	20	1	RP1–325, UPSTAGE WALL	2	208			•			1000	RP1–329, FLOOD SL	20	1	L	20
21	L	20	1	RP1–321, LOADING SR	2		124			•		1200	RP1–334, GRID IRON	20	1	L	22
23	L	20	1	RP1–330, PINRAIL SL	2			104	•			180	LIGHTING	20	1	L	24
25	L	20	1	RP1–331, PINRAIL SR	3	104			•			180	LIGHTING	20	1	L	26
27	L	20	1	RP1–332, GRID IRON	3		264		•			–	SPARE	20	1		28
29	L	20	1	RP1–333, GRID IRON	3			792		•		–	SPARE	20	1		30
31		20	1	SPARE		–			•			–	SPARE	20	1		32
33		20	1	SPARE			–			•		–	SPARE	20	1		34
35		20	1	SPARE				–	•			–	SPARE	20	1		36
37		20	1	SPARE		–				•		–	SPARE	20	1		38
39		20	1	SPARE			–		•			–	SPARE	20	1		40
41		20	1	SPARE				–		•		–	SPARE	20	1		42

PANEL NOTES: PHASE TOTALS PH A: 3400 PH B: 3236 PH C: 2522 TOTAL CONNECTED VA 9158

1. ROUTE CIRCUITS INDICATED VIA EMERGENCY TRANSFER RELAY TO ELB–12.
2. ROUTE CIRCUITS INDICATED VIA EMERGENCY TRANSFER RELAY TO ELB–14.
3. ROUTE CIRCUITS INDICATED VIA EMERGENCY TRANSFER RELAY TO ELB–16.

PANEL CONNECTED KVA 9.2
PANEL DEMAND KVA 11.4
PANEL DEMAND AMPS 31.8

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

CALCULATION BY LOAD TYPE:

LIGHTING	9,158	VOLTAMPS x	1.25	= 11,448	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 =		11,448	VOLTAMPS
				31.8	FULL LOAD AMPS

UPPER BALCONY SR.

PANEL: LB4TB

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A
MAINS: L.O. MOUNTING: SURFACE
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
DATE: 4/1/10 5:36 PM
JOB: 09.0394

CIRCUIT CODE: L – LIGHTING; R – RECEPTACLES; LM – LARGEST MOTOR; M – MOTOR; K – KITCHEN; H – ELECTRIC HEATING; W – ELECT. WATER HTR; A – AIR CONDITIONING; O – MISCELLANEOUS

CKT NO	CODE	TRIP	POLE	LOAD DESCRIPTION	(NOTE)	CONNECTED VA ØA	ØB	ØC	A	B	C	LOAD DESCRIPTION	(NOTE)	TRIP	POLE	CODE	CKT NO
1	O	20		NEMA L21–20R PS–33, 61		750			•			750	NEMA L21–20R PS–34, 61	20		O	2
3	O			---			750			•		750	---			O	4
5	O		3	---				750			•	750	---		3	O	6
7	O	20		NEMA L21–20R PS–35, 61		750			•			750	NEMA L21–20R PS–36, 61	20		O	8
9	O			---			750			•		750	---			O	10
11	O		3	---				750			•	750	---		3	O	12
13	O	20	1	NEMA 5–20R PS–33, 61		750			•			750	NEMA 5–20R PS–34, 61	20	1	O	14
15	O	20	1	NEMA 5–20R PS–33, 61			750			•		750	NEMA 5–20R PS–34, 61	20	1	O	16
17	O	20	1	NEMA 5–20R PS–35, 61				750	•			750	NEMA 5–20R PS–36, 61	20	1	O	18
19	O	20	1	NEMA 5–20R PS–35, 61		750			•			750	NEMA 5–20R PS–36, 61	20	1	O	20
21	O	20	1	NEMA 5–20R PS–49			750			•		750	NEMA 5–20R PS–50	20	1	O	22
23	O	20	1	NEMA 5–20R PS–31				750	•			750	NEMA 5–20R PS–32	20	1	O	24
25		20	1	SPARE		–			•			–	SPARE	20	1		26
27		20	1	SPARE			–			•		–	SPARE	20	1		28
29		20	1	SPARE				–	•			–	SPARE	20	1		30
31	O	20		PB–41 L21–20R		600			•			600	PB–43 NEMA L21–20R	20		O	32
33	O			---			600			•		600	---			O	34
35	O		3	---				600	•			600	---		3	O	36
37	O	20		PB–45 L21–20R		600			•			600	PB–47 L21–20R	20		O	38
39	O			---			600			•		600	---			O	40
41	O		3	---				600	•			600	---		3	O	42

PANEL NOTES: PHASE TOTALS PH A: 8400 PH B: 8400 PH C: 8400 TOTAL CONNECTED VA 25200

PANEL CONNECTED KVA 25.2
PANEL DEMAND KVA 25.2
PANEL DEMAND AMPS 69.9

CALCULATION BY LOAD TYPE:

LIGHTING	0	VOLTAMPS x	1.25	= 0	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	25,200	VOLTAMPS x	1.00	= 25,200	VOLTAMPS
		TOTAL CALCULATED DEMAND LOAD =		25,200	VOLTAMPS
				69.9	FULL LOAD AMPS

DIMMER RM. 411

PANEL: LAV1

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A
MAINS: L.O. MOUNTING: SURFACE
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
DATE: 4/1/10 5:37 PM
JOB: 09.0394

CIRCUIT CODE: L – LIGHTING; R – RECEPTACLES; LM – LARGEST MOTOR; M – MOTOR; K – KITCHEN; H – ELECTRIC HEATING; W – ELECT. WATER HTR; A – AIR CONDITIONING; O – MISCELLANEOUS

CKT NO	CODE	TRIP	POLE	LOAD DESCRIPTION	(NOTE)	CONNECTED VA ØA	ØB	ØC	A	B	C	LOAD DESCRIPTION	(NOTE)	TRIP	POLE	CODE	CKT NO
1	O	20	1	AV–C1		180			•			180	AV–T1	20	1	O	2
3	O	20	1	AV–C1			180			•		180	AV–T1	20	1	O	4
5	O	20	1	AV–C1				180	•			180	AV–T1	20	1	O	6
7	O	20	1	AV–C1		180			•			180	AV–T1	20	1	O	8
9	O	20	1	AV–B2			180			•		180	AV RECEPT LOUNGE	20	1	O	10
11	O	20	1	AV–A7				180	•			180	SPARE	20	1		12
13	O	20	1	AV–A7		180			•			–	SPARE	20	1		14
15	O	20	1	AV–A8			180			•		–	SPARE	20	1		16
17	O	20	1	AV–A8				180	•			–	SPARE	20	1		18
19		20	1	SPARE		–			•			–	SPARE	20	1		20
21		20	1	SPARE			–			•		–	SPARE	20	1		22
23		20	1	SPARE				–	•			–	SPARE	20	1		24
25		20	1	SPARE		–			•			–	SPARE	20	1		26
27		20	1	SPARE			–			•		–	SPARE	20	1		28
29		20	1	SPARE				–	•			–	SPARE	20	1		30
31		20	1	SPARE		–			•			–	SPARE	20	1		32
33		20	1	SPARE			–			•		–	SPARE	20	1		34
35		20	1	SPARE				–	•			–	SPARE	20	1		36
37	O	100		CSIG–AA		2000			•			–	SPARE	20	1		38
39	O			---			2000			•		–	SPARE	20	1		40
41	O		3	---				2000	•			–	SPARE	20	1		42

PANEL NOTES: PHASE TOTALS PH A: 2900 PH B: 2900 PH C: 2900 TOTAL CONNECTED VA 8700

PANEL CONNECTED KVA 8.7
PANEL DEMAND KVA 8.7
PANEL DEMAND AMPS 24.1

NOTICE:
1. ALL RECEPTACLES SERVED FROM THIS PANEL SHALL BE BLUE.
2. FURNISH PANEL WITH ISOLATED GROUND BUS.
3. 200% NEUTRAL
4. RECEPTACLE SUPPLIED FOR THIS PANEL SHALL BE I.G. TYPE. WIRE SHALL BE #10 MIN., I.G. CONDUCTOR SHALL BE #8

CALCULATION BY LOAD TYPE:

LIGHTING	0	VOLTAMPS x	1.25	= 0	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	8,700	VOLTAMPS x	1.00	= 8,700	VOLTAMPS
		TOTAL CALCULATED DEMAND LOAD =		8,700	VOLTAMPS
				24.1	FULL LOAD AMPS

AV RACK ROOM 120

PANEL: LAV2

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A
MAINS: L.O. MOUNTING: SURFACE
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE
DATE: 4/1/10 5:38 PM
JOB: 09.0394

CIRCUIT CODE: L – LIGHTING; R – RECEPTACLES; LM – LARGEST MOTOR; M – MOTOR; K – KITCHEN; H – ELECTRIC HEATING; W – ELECT. WATER HTR; A – AIR CONDITIONING; O – MISCELLANEOUS

CKT NO	CODE	TRIP	POLE	LOAD DESCRIPTION	(NOTE)	CONNECTED VA ØA	ØB	ØC	A	B	C	LOAD DESCRIPTION	(NOTE)	TRIP	POLE	CODE	CKT NO
1	R	20	1	AV RECEPT BASEMENT		180			•			180	AV–C2	20	1	O	2
3	R	20	1	AV RECEPT BASEMENT			180			•		180	AV–C2	20	1	O	4
5	R	20	1	AV RECEPT BASEMENT				180	•			180	AV–C2	20	1	O	6
7	R	20	1	AV RECEPT ORCH.		180			•			180	AV–C2	20	1	O	8
9	R	20	1	AV RECEPT ORCH.			180			•		180	AV–C3	20	1	O	10
11	R	20	1	AV RECEPT ORCH.				180	•			180	AV–C3	20	1	O	12
13	R	20	1	AV RECEPT ORCH.		180			•			180	AV–C3	20	1	O	14
15	R	20	1	AV RECEPT ORCH.			180			•		180	AV–C3	20	1	O	16
17	R	20	1	AV RECEPT ORCH.				180	•			500	AV–C6 (C 16)	20	1	O	18
19	R	20	1	AV RECEPT ORCH.		180			•			500	AV–C6 (C 16)	20	1	O	20
21	R	20	1	AV RECEPT ORCH.			180			•		–	SPARE	20	1		22
23	R	20	1	AV RECEPT ORCH.				180	•			–	SPARE	20	1		24
25	R	20	1	AV RECEPT		540			•			–	SPARE	20	1		26
27	R	20	1	AV RECEPT			360			•		–	SPARE	20	1		28
29	R	20	1	AV RECEPT				360	•			–	SPARE	20	1		30
31	R	20	1	AV RECEPT		180			•			–	SPARE	20	1		32
33		20	1	SPARE			–			•		–	SPARE	20	1		34
35		20	1	SPARE				–	•			–	SPARE	20	1		36
37	O	200		CSIG–ASL		2000			•			2000	CSIG–ASR	200		O	38
39	O			---			2000			•		2000	---			O	40
41	O		3	---				2000	•			2000	---		3	O	42

PANEL NOTES: PHASE TOTALS PH A: 6480 PH B: 5620 PH C: 5940 TOTAL CONNECTED VA 18040

PANEL CONNECTED KVA 18.0
PANEL DEMAND KVA 18.0
PANEL DEMAND AMPS 50.1

NOTICE:
1. ALL RECEPTACLES SERVED FROM THIS PANEL SHALL BE BLUE.
2. FURNISH PANEL WITH ISOLATED GROUND BUS.
3. 200% NEUTRAL
4. RECEPTACLES SUPPLIED FOR THIS PANEL SHALL BE I.G. TYPE. WIRE SHALL BE #10 MIN. CONDUCTOR SHALL BE #8

CALCULATION BY LOAD TYPE:

LIGHTING	0	VOLTAMPS x	1.25	= 0	VOLTAMPS
RECEPTACLES – 1ST 10KVA	3,600	VOLTAMPS x	1.00	= 3,600	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	14,440	VOLTAMPS x	1.00	= 14,440	VOLTAMPS
		TOTAL CALCULATED DEMAND LOAD =		18,040	VOLTAMPS
				50.1	FULL LOAD AMPS

NOTICE

1. PROVIDE HANDLE TIES FOR MULTIWIRE BRANCH CIRCUITS TO DISCONNECT SIMULTANEOUSLY ALL UNGROUNDED CONDUCTORS. REFER TO NEC. (2008) 210.4.

–	LB4TA	LAV1
–	LB4TB	LAV2

THE SAENGER THEATRE RENEWAL PROJECT

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New Orleans, LA

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DATE:	No.:	ISSUE:
02.19.10	1	PERMIT SET
04.02.10	2	GMP CONTRACT SET

DATE:	No.:	REVISION:
11.11.10		CONTRACT SET

SHEET TITLE:
PANEL SCHEDULES

09.0394

E7.06

ISSUED FOR PERMIT