

CHORUS DRESSING 328

PANEL: H1A		VOLTAGE: 480 / 277 3Ø 4W	CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING R - RECEPTACLES W - ELECT. WATER HTR LM - LARGEST MOTOR A - AIR CONDITIONING M - MOTOR O - MISCELLANEOUS K - KITCHEN						
DATE: 4/1/10 3:30 PM		MAINS: L.O. MOUNTING: SURFACE							
JOB: 09.0394		FULLY RATED AIC: 42,000	NEMA 1 ENCLOSURE						
NO.	TRIP	LOAD DESIGNATION	C O N N E C T E D V A			LOAD DESIGNATION	TRIP	POLE	NO.
1	M 15	RF-3	ØA	ØB	ØC	DISC-OPL	15	M	2
3	M 15	---	1330	---	---	---	---	---	4
5	M 15	---	1330	---	---	---	---	---	6
7	M 15	RF-4	1330	---	---	SPARE	20	1	8
9	M 15	---	1330	---	---	SPARE	20	1	10
11	M 15	---	1330	---	---	SPARE	20	1	12
13	M 15	RF-5	1330	---	---	SPARE	20	1	14
15	M 15	---	1330	---	---	SPARE	20	1	16
17	M 15	---	1330	---	---	SPARE	20	1	18
19	M 15	RF-6	1330	---	---	SPARE	20	1	20
21	M 15	---	1330	---	---	SPARE	20	1	22
23	M 15	---	1330	---	---	SPARE	20	1	24
25	M 15	---	---	---	---	SPARE	20	1	26
27	M 15	---	---	---	---	SPARE	20	1	28
29	M 15	---	---	---	---	SPARE	20	1	30
31	M 15	---	---	---	---	SPARE	20	1	32
33	M 15	---	---	---	---	SPARE	20	1	34
35	M 15	---	---	---	---	SPARE	20	1	36
37	M 15	---	---	---	---	SPARE	20	1	38
39	M 15	---	---	---	---	SPARE	20	1	40
41	M 15	---	---	---	---	SPARE	20	1	42
PHASE TOTALS			PH A: 8820	PH B: 8820	PH C: 8820	TOTAL CONNECTED VA: 26460			
						PANEL CONNECTED KVA: 26.5			
						PANEL DEMAND KVA: 27.5			
						PANEL DEMAND AMPS: 33.0			

NOTICE:
1. FURNISH WITH FEED THRU LUGS.

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	3,990	VOLTAMPS x 1.25 =	4,988	VOLTAMPS
BALANCE OF MOTOR LOADS	11,970	VOLTAMPS x 1.00 =	11,970	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	10,500	VOLTAMPS x 1.00 =	10,500	VOLTAMPS
TOTAL CALCULATED DEMAND LOAD =		27,458	VOLTAMPS	
		33.0	FULL LOAD AMPS	

ELECTRICAL ROOM 410

PANEL: H4A		VOLTAGE: 480 / 277 3Ø 4W	CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING R - RECEPTACLES W - ELECT. WATER HTR LM - LARGEST MOTOR A - AIR CONDITIONING M - MOTOR O - MISCELLANEOUS K - KITCHEN						
DATE: 4/1/10 5:01 PM		MAINS: L.O. MOUNTING: SURFACE							
JOB: 09.0394		FULLY RATED AIC: 42,000	NEMA 1 ENCLOSURE						
NO.	TRIP	LOAD DESIGNATION	C O N N E C T E D V A			LOAD DESIGNATION	TRIP	POLE	NO.
1	M 15	EF-2	831	---	---	RF-2	15	M	2
3	M 15	---	831	---	---	---	---	---	4
5	M 15	---	831	---	---	---	---	---	6
7	M 15	EF-3	443	---	---	RF-1	15	M	8
9	M 15	---	443	---	---	---	---	---	10
11	M 15	---	443	---	---	---	---	---	12
13	M 15	EF-5	443	---	---	FC-34, FC-35	15	M	14
15	M 15	---	443	---	---	---	---	---	16
17	M 15	---	443	---	---	---	---	---	18
19	M 15	EF-1	942	---	---	HCP-1	15	M	20
21	M 15	---	942	---	---	---	---	---	22
23	M 15	---	942	---	---	---	---	---	24
25	M 15	---	---	---	---	BP-1	50	LM	26
27	M 15	---	---	---	---	---	---	---	28
29	M 15	---	---	---	---	---	---	---	30
31	M 15	---	---	---	---	1 ELEV. PE1	15	O	32
33	M 15	---	---	---	---	---	---	---	34
35	M 15	---	---	---	---	---	---	---	36
37	M 15	FC-37, FC-38	1163	---	---	1 ELEV. PE2	15	O	38
39	M 15	---	1163	---	---	---	---	---	40
41	M 15	---	1163	---	---	---	---	---	42
PHASE TOTALS			PH A: 25083	PH B: 25083	PH C: 25083	TOTAL CONNECTED VA: 75249			
						PANEL CONNECTED KVA: 75.2			
						PANEL DEMAND KVA: 84.0			
						PANEL DEMAND AMPS: 101.0			

NOTICE:
1. SHUNT TRIP BREAKER, CONNECT TO FIRE ALARM SYSTEM FOR SHUNT UPON ACTIVATION OF MACHINE ROOM OR SHAFT HEAT DETECTOR.

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	34,902	VOLTAMPS x 1.25 =	43,628	VOLTAMPS
BALANCE OF MOTOR LOADS	29,247	VOLTAMPS x 1.00 =	29,247	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	11,100	VOLTAMPS x 1.00 =	11,100	VOLTAMPS
TOTAL CALCULATED DEMAND LOAD =		83,975	VOLTAMPS	
		101.0	FULL LOAD AMPS	

STORAGE 017

PANEL: LABA		VOLTAGE: 208 / 120 3Ø 4W	CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING R - RECEPTACLES W - ELECT. WATER HTR LM - LARGEST MOTOR A - AIR CONDITIONING M - MOTOR O - MISCELLANEOUS K - KITCHEN						
DATE: 4/1/10 6:49 PM		MAINS: L.O. MOUNTING: FLUSH							
JOB: 09.0394		FULLY RATED AIC: 10,000	NEMA 1 ENCLOSURE						
NO.	TRIP	LOAD DESIGNATION	C O N N E C T E D V A			LOAD DESIGNATION	TRIP	POLE	NO.
1	R 20	REC - CONV E1	180	---	---	REC - CONV E17	20	1	2
3	K 20	REC - LIQUOR GUN E2	180	---	---	REC - CONV E17	20	1	4
5	K 20	REC - SODA GUN E5	180	---	---	REC - AIR COMP E19	20	1	6
7	K 20	REC - LIQUOR GUN E6	180	---	---	REC - LIQUOR PUMP E18	20	1	8
9	K 20	REC - SODA GUN E7	180	---	---	REC - CONV E20	20	1	10
11	R 20	REC - CONV E10	180	---	---	REC - CONV E20	20	1	12
13	K 20	REC - REFRIG E11	780	---	---	REC - BEER CHILLER E21	20	1	14
15	R 20	REC - CONV E16	180	---	---	REC - BEER CHILLER E21	20	1	16
17	R 20	REC - POS E8	180	---	---	REC - BEER CHILLER E22	20	1	18
19	R 20	REC - POS E9	180	---	---	---	---	---	20
21	R 20	REC - POS E12	180	---	---	REC - BEER CHILLER E25	20	1	22
23	R 20	REC - POS E15	180	---	---	---	---	---	24
25	L 20	1 L15 - CONC. STORAGE	1440	---	---	REC - BEER CHILLER E26	20	1	26
27	R 20	REC - CONC. STORAGE (3)	1320	---	---	---	---	---	28
29	R 20	REC - CONC. MGR. (4)	960	---	---	1 WALK-IN COLLER E27	20	1	30
31	20	1 SPARE	---	---	---	1 EVAP COOLER E28	20	1	32
33	20	1 SPARE	---	---	---	1 COND. UNIT E29	15	K	34
35	20	1 SPARE	---	---	---	---	---	---	36
37	20	1 SPARE	---	---	---	---	---	---	38
39	20	1 HC LIFT	1100	---	---	---	---	---	40
41	20	1 SPARE	---	---	---	---	---	---	42
PHASE TOTALS			PH A: 8250	PH B: 8306	PH C: 8316	TOTAL CONNECTED VA: 14872			
						PANEL CONNECTED KVA: 24.9			
						PANEL DEMAND KVA: 19.4			
						PANEL DEMAND AMPS: 53.9			

NOTICE:
1. PROVIDE GFCI BREAKER

CALCULATION BY LOAD TYPE:

LIGHTING	1,440	VOLTAMPS x 1.25 =	1,800	VOLTAMPS
RECEPTACLES - 1ST 10KVA	4,620	VOLTAMPS x 1.00 =	4,620	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	16,612	VOLTAMPS x 0.65 =	10,798	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	2,200	VOLTAMPS x 1.00 =	2,200	VOLTAMPS
TOTAL CALCULATED DEMAND LOAD =		19,418	VOLTAMPS	
		53.9	FULL LOAD AMPS	

THE SAENGER THEATRE RENEWAL PROJECT

142 North Rampart Street
New Orleans, LA

Client
Saenger Theatre Redevelopment Company
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1040 Houston TX 77027

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LEVEL 3 STORAGE LEFT

PANEL: H3A		VOLTAGE: 480 / 277 3Ø 4W	CIRCUIT CODE: L - LIGHTING H - ELECTRIC HEATING R - RECEPTACLES W - ELECT. WATER HTR LM - LARGEST MOTOR A - AIR CONDITIONING M - MOTOR O - MISCELLANEOUS K - KITCHEN						
DATE: 4/1/10 4:58 PM		MAINS: L.O. MOUNTING: SURFACE							
JOB: 09.0394		FULLY RATED AIC: 35,000	NEMA 1 ENCLOSURE						
NO.	TRIP	LOAD DESIGNATION	C O N N E C T E D V A			LOAD DESIGNATION	TRIP	POLE	NO.
1	M 70	AH-1 (SUPPLY)	9418	---	---	EF-4	15	M	2
3	M 70	---	9418	---	---	---	---	---	4
5	M 70	---	9418	---	---	---	---	---	6
7	M 60	AH-1 (RETURN)	7479	---	---	DISC-RW	60	1	8
9	M 60	---	7479	---	---	---	---	---	10
11	M 60	---	7479	---	---	---	---	---	12
13	LM 15	AH-1 (SUPPLY)	11080	---	---	SPARE	20	1	14
15	LM 15	---	11080	---	---	SPARE	20	1	16
17	LM 15	---	11080	---	---	SPARE	20	1	18
19	M 80	AH-1 (REF)	9418	---	---	SPARE	20	1	20
21	M 80	---	9418	---	---	SPARE	20	1	22
23	M 15	---	9418	---	---	SPARE	20	1	24
25	M 15	AH-7	1330	---	---	SPARE	20	1	26
27	M 15	---	1330	---	---	SPARE	20	1	28
29	M 15	---	1330	---	---	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
PHASE TOTALS			PH A: 43556	PH B: 43556	PH C: 43556	TOTAL CONNECTED VA: 130668			
						PANEL CONNECTED KVA: 130.7			
						PANEL DEMAND KVA: 139.0			
						PANEL DEMAND AMPS: 167.2			

NOTICE:
1. FURNISH PANEL WITH FEED THRU LUGS.

CALCULATION BY LOAD TYPE:

LIGHTING	0	VOLTAMPS x 1.25 =	0	VOLTAMPS
RECEPTACLES - 1ST 10KVA	0	VOLTAMPS x 1.00 =	0	