MECHANICAL 505

PANEL: LA4C

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A
DATE: 4/1/10 5:17 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	R	20	1	REC – MECH ROOM		720			•			500				B-1	20		O	2
3	R	20	1	REC – MECH ROOM			720			•			500			---		2	O	4
5	R	20	1	REC – ROOF				360			•			500		B-1	20	1	O	6
7	R	20	1	REC – ROOF		360			•			500				B-2	20		O	8
9	O	20	1	EF-6			864			•			500			---		2	O	10
11	L	20	1	LTS – MECHANICAL ROOM				1408			•			500		B-2	20	1	O	12
13	L	20	1	LTS – FOLLOW SPOT ROOM		570			•			500				B-3	20		O	14
15		20	1	SPARE			–			•			500			---		2	O	16
17		20	1	SPARE				–			•			500		B-3	20	1	O	18
19		20	1	SPARE		–			•			1200				VEF-7	20	1	O	20
21		20	1	SPARE			–			•			200			WH-1	20	1	O	22
23		20	1	SPARE				–			•			200		WH-2	20	1	O	24
25		20	1	SPARE		–			•			–				SPARE	20	1		26
27	L	30		FOLLOW SPOT			1000			•			–			SPARE	20	1		28
29	L		2	–				1000			•			–		SPARE	20	1		30
31	L	30		FOLLOW SPOT		1000			•			–				SPARE	20	1		32
33	L		2	–			1000			•			–			SPARE	20	1		34
35	L	30		FOLLOW SPOT				1000			•			–		SPARE	20	1		36
37	L		2	–		1000			•			–				SPARE	20	1		38
39	L	30		FOLLOW SPOT			1000			•			–			SPARE	20	1		40
41	L		2	–				1000			•			–		SPARE	20	1		42

PANEL NOTES:
PHASE TOTALS: PH A: 6350 | PH B: 6284 | PH C: 6468

TOTAL CONNECTED VA	19102
PANEL CONNECTED KVA	19.1
PANEL DEMAND KVA	21.6
PANEL DEMAND AMPS	59.9

CALCULATION BY LOAD TYPE:

LIGHTING	9,978	VOLTAMPS x	1.25	=	12,473	VOLTAMPS
RECEPTACLES – 1ST 10KVA	2,160	VOLTAMPS x	1.00	=	2,160	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	6,964	VOLTAMPS x	1.00	=	6,964	VOLTAMPS

TOTAL CALCULATED DEMAND LOAD = 21,597 VOLTAMPS
59.9 FULL LOAD AMPS

STAGE LEFT

PANEL: LB1AS

VOLTAGE: 208 / 120 3Ø 4W
BUS:
DATE: 4/1/10 5:19 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	R	20	1	REC/LTS-DRESSING		600			•			828				LTS-DRESSING RMS	20	1	L	2
3	R	20	1	REC/LTS-DRESSING			780			•			964			LTS-DRESSING RMS	20	1	L	4
5	R	20	1	REC-COMP. MGR				720			•			106		LTS-BASEMENT	20	1	L	6
7	R	20	1	REC-CORRIDOR		540			•			728				LTS-BASEMENT	20	1	L	8
9	R	20	1	REC-STAGE			540			•			–			SPARE	20	1		10
11	R	20	1	REC-STAGE				360			•			–		SPARE	20	1		12
13	O	20	1	FC-19		700			•			–				SPARE	20	1		14
15	O	20	1	FC-1, FC-2			1400			•			–			SPARE	20	1		16
17	O	20	1	FC-5, FC-9				1050			•			–		SPARE	20	1		18
19	O	20	1	FC-3, FC-10		1400			•			–				SPARE	20	1		20
21	O	20	1	FC-4, FC-11			1400			•			–			SPARE	20	1		22
23	N	20	1	REC – EWC				596			•			–		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	60		DISC-SP2		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: 6796 | PH B: 7084 | PH C: 4832

TOTAL CONNECTED VA	18712
PANEL CONNECTED KVA	18.7
PANEL DEMAND KVA	18.8
PANEL DEMAND AMPS	52.1

CALCULATION BY LOAD TYPE:

LIGHTING	2,626	VOLTAMPS x	1.25	=	3,283	VOLTAMPS
RECEPTACLES – 1ST 10KVA	3,540	VOLTAMPS x	1.00	=	3,540	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	11,950	VOLTAMPS x	1.00	=	11,950	VOLTAMPS

TOTAL CALCULATED DEMAND LOAD = 18,773 VOLTAMPS
52.1 FULL LOAD AMPS

LEVEL 3 STAGE LEFT

PANEL: LB3A

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A.
DATE: 4/1/10 5:21 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	R	20	1	REC-DRESSING RM 328		1260			•			900				LTS-DRESSING RM 328	20	1	L	2
3	R	20	1	REC-DRESSING RM 328			1260			•			900			LTS-DRESSING RM 328	20	1	L	4
5	R	20	1	REC-DRESSING RM 328				1260			•			900		LTS-DRESSING RM 236	20	1	L	6
7	R	20	1	REC-DRESSING RM 328		1260			•			900				LTS-DRESSING RM 236	20	1	L	8
9	R	20	1	REC-DRESSING RM 328			1260			•			90			LTS-DRESSING RM 151	20	1	L	10
11	R	20	1	REC-DRESSING RM 326				1260			•			900		LTS-DRESSING RM 151	20	1	L	12
13	R	20	1	REC-DRESSING RM 326		1260			•			204				LTS-DRESSING RMS	20	1	L	14
15	R	20	1	REC-DRESSING RM 326			1260			•			420			REC-DRESSING RMS	20	1	R	16
17	R	20	1	REC-DRESSING RM 326				1260			•			540		REC-DRESSING RMS	20	1	R	18
19	R	20	1	REC-DRESSING RM 326		1260			•			600				REC-DRESSING RMS	20	1	R	20
21	R	20	1	REC-DRESSING RM 326			1260			•			720			REC-DRESSING RMS	20	1	R	22
23	R	20	1	REC-DRESSING RM 151				1260			•			420		REC-DRESSING RMS	20	1	R	24
25	R	20	1	REC-DRESSING RM 151		1260			•			540				REC-DRESSING RMS	20	1	R	26
27	R	20	1	REC-DRESSING RM 151			1260			•			1400			FC-17, FC-18	20	1	M	28
29	R	20	1	REC-DRESSING RM 151				1260			•			1400		FC-21, FC-22	20	1	M	30
31		20	1	SPARE		–			•			1400				FC-15, FC-16	20	1	M	32
33		20	1	SPARE			–			•			500			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				–			•			500		FSDS	20	1	O	42

PANEL NOTES:
PHASE TOTALS: PH A: 10844 | PH B: 10330 | PH C: 10960

TOTAL CONNECTED VA	32134
PANEL CONNECTED KVA	32.1
PANEL DEMAND KVA	27.3
PANEL DEMAND AMPS	75.7

CALCULATION BY LOAD TYPE:

LIGHTING	4,794	VOLTAMPS x	1.25	=	5,993	VOLTAMPS
RECEPTACLES – 1ST 10KVA	10,000	VOLTAMPS x	1.00	=	10,000	VOLTAMPS
RECEPTACLES – BALANCE	12,140	VOLTAMPS x	0.50	=	6,070	VOLTAMPS
LARGEST MOTOR LOAD	0	VOLTAMPS x	1.25	=	0	VOLTAMPS
BALANCE OF MOTOR LOADS	4,200	VOLTAMPS x	1.00	=	4,200	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	1,000	VOLTAMPS x	1.00	=	1,000	VOLTAMPS

TOTAL CALCULATED DEMAND LOAD = 27,263 VOLTAMPS
75.7 FULL LOAD AMPS

STAGE LEFT

PANEL: LB1A

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A.
DATE: 4/1/10 5:18 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	R	20	1	REC-DRESSING RMS		1260			•			1260				REC-DRESSING RMS	20	1	R	2
3	R	20	1	REC-DRESSING RMS			1260			•			1260			REC-DRESSING RMS	20	1	R	4
5	R	20	1	REC-DRESSING RMS				1260			•			1260		REC-DRESSING RMS	20	1	R	6
7	R	20	1	REC-DRESSING RMS		1260			•			1260				REC-DRESSING RMS	20	1	R	8
9	R	20	1	REC-DRESSING RMS			1260			•			1260			REC-DRESSING RMS	20	1	R	10
11	R	20	1	REC-DRESSING RMS				1260			•			1260		REC-DRESSING RMS	20	1	R	12
13	R	20	1	REC-DRESSING RMS		1260			•			1260				REC-DRESSING RMS	20	1	R	14
15	R	20	1	REC-DRESSING RMS			1260			•			1260			REC-DRESSING RMS	20	1	R	16
17	R	20	1	REC-DRESSING RMS				1260			•			1260		REC-DRESSING RMS	20	1	R	18
19	R	20	1	REC-DRESSING RMS		1260			•			1260				REC-DRESSING RMS	20	1	R	20
21		20	1	SPARE			–			•			1260			REC-DRESSING RMS	20	1	R	22
23		20	1	SPARE				–			•			1260		REC-DRESSING RMS	20	1	R	24
25		20	1	SPARE		–			•			1260				REC-DRESSING RMS	20	1	R	26
27	L	20	1	LTS-DRESSING RMS			1275			•			1260			REC-DRESSING RMS	20	1	R	28
29	L	20	1	LTS-DRESSING RMS				1275			•			1260		REC-DRESSING RMS	20	1	R	30
31	L	20	1	LTS-DRESSING RMS		1275			•			1275				LTS-DRESSING	20	1	L	32
33	L	20	1	LTS-DRESSING RMS			1275			•			1275			LTS-DRESSING	20	1	L	34
35		20	1	SPARE				–			•			1275		LTS-DRESSING	20	1	L	36
37		20	1	SPARE		–			•			1275				LTS-DRESSING	20	1	L	38
39		20	1	SPARE			–			•			1275			LTS-DRESSING	20	1	L	40
41		20	1	SPARE				–			•			1275		LTS-DRESSING	20	1	L	42

PANEL NOTES:
PHASE TOTALS: PH A: 15165 | PH B: 15180 | PH C: 13905

TOTAL CONNECTED VA	44250
PANEL CONNECTED KVA	44.3
PANEL DEMAND KVA	36.7
PANEL DEMAND AMPS	101.8

NOTICE:
1. FURNISH PANEL WITH FEED THRU LUGS.

CALCULATION BY LOAD TYPE:

LIGHTING	12,750	VOLTAMPS x	1.25	=	15,938	VOLTAMPS
RECEPTACLES – 1ST 10KVA	10,000	VOLTAMPS x	1.00	=	10,000	VOLTAMPS
RECEPTACLES – BALANCE	21,500	VOLTAMPS x	0.50	=	10,750	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 = 36,688 VOLTAMPS
101.8 FULL LOAD AMPS

STAGE RIGHT

PANEL: LB1B

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A.
DATE: 4/1/10 5:20 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	R	20	1	REC-STAGE MGR		720			•			1500				REC-WASHER	20	1	O	2
3	R	20	1	REC-WARDROBE			180			•			1500			REC-WASHER	20	1	O	4
5	R	20	1	REC-ORCH. PIT				360			•			1500		REC-WASHER	20	1	O	6
7	R	20	1	REC-ORCH. PIT		360			•			2500				REC-DRYER	30		H	8
9	R	20	1	REC-MULTIPURPOSE			540			•			2500			---		2	H	10
11	O	20	1	REC-MULTIPURPOSE				540			•			2500		REC-DRYER	30		H	12
13	O	20	1	REC-DISHWASHER		1200			•			2500				---		2	H	14
15	O	20	1	REC-KIT. APPL.			180			•			–			SPARE	20	1		16
17	O	20	1	REC-REFRIG.				600			•			768		LTS- BASEMENT	20	1	L	18
19	O	20	1	REC-KIT. APPL.		180			•			350				FC-20	20	1	M	20
21	O	20	1	REC-KIT. APPL.			180			•			1400			FC-12, FC-13	20	1	M	22
23	R	20	1	REC-CORRIDOR				540			•			1050		FC-6, FC-14	20	1	M	24
25	R	20	1	REC-CORRIDOR		540			•			1400				FC-7, FC-8	20	1	M	26
27	R	20	1	REC-STAGE			540			•			180			REC-WARDROBE	20	1	R	28
29	R	20	1	REC-STAGE				540			•			180		REC-WARDROBE	20	1	R	30
31	R	20	1	REC-REFRIG.		600			•			180				REC-WARDROBE	20	1	R	32
33	O	20	1	ELEV SUMP			1176			•			180			REC-WARDROBE	20	1	R	34
35	O	20	1	ELEV LTS/REC				280			•			180		REC-WARDROBE	20	1	R	36
37	O	60		DISC-SP1		2000			•			596				REC – EWC	20	1	N	38
39	O			---			2000			•			–			SPARE	20	1		40
41	O		3	---				2000			•			500		FSD	20	1	O	42

PANEL NOTES:
PHASE TOTALS: PH A: 14626 | PH B: 10556 | PH C: 11538

TOTAL CONNECTED VA	36720
PANEL CONNECTED KVA	36.7
PANEL DEMAND KVA	36.3
PANEL DEMAND AMPS	100.8

CALCULATION BY LOAD TYPE:

LIGHTING	768	VOLTAMPS x	1.25	=	960	VOLTAMPS
RECEPTACLES – 1ST 10KVA	5,820	VOLTAMPS x	1.00	=	5,820	VOLTAMPS
RECEPTACLES – BALANCE	0	VOLTAMPS x	0.50	=	0	VOLTAMPS
LARGEST MOTOR LOAD	0	VOLTAMPS x	1.25	=	0	VOLTAMPS
BALANCE OF MOTOR LOADS	4,200	VOLTAMPS x	1.00	=	4,200	VOLTAMPS
KITCHEN EQUIPMENT	0	VOLTAMPS x	1.00	=	0	VOLTAMPS
ELECTRIC HEATING EQUIPMENT	10,000	VOLTAMPS x	1.00	=	10,000	VOLTAMPS
ELECTRIC WATER HEATER	0	VOLTAMPS x	1.00	=	0	VOLTAMPS
AIR CONDITIONING	0	VOLTAMPS x	1.00	=	0	VOLTAMPS
MISC LOADS	15,336	VOLTAMPS x	1.00	=	15,336	VOLTAMPS

TOTAL CALCULATED DEMAND LOAD = 36,316 VOLTAMPS
100.8 FULL LOAD AMPS

CHORUS DRESSING RM 328

PANEL: LB3B

VOLTAGE: 208 / 120 3Ø 4W
BUS: 225A.
DATE: 4/1/10 5:24 PM
MAINS: L.O. MOUNTING: SURFACE
JOB: 09.0394
FULLY RATED AIC: 10,000 NEMA 1 ENCLOSURE

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 DESIGNATION		C O N N E C T E D V A									LOAD DESIGNATION		TRIP	POLE	CODE	CKT NO
				DESCRIPTION	(NOTE)	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	(NOTE)	DESCRIPTION				
1	L	20	1	LTS – WEST EXT.	1	360			•			240			1	LTS – NORTH EXT.	20	1	L	2
3	L	20	1	LTS –EAST EXT.	1		655			•			1120		1	LTS – NORTH EXT.	20	1	L	4
5	L	20	1	LTS – EAST EXT.	1			450			•			1020	1	LTS – NORTH EXT.	20	1	L	6
7	L	20	1	POSTER BOX	1	500			•			–				SPARE	20	1		8
9	L	20	1	POSTER BOX	1		250			•			–			SPARE	20	1		10
11	L	20	1	POSTER BOX	1			250			•			–		SPARE	20	1		12
13		20	1	SPARE		–			•			–				SPARE	20	1		14
15		20	1	SPARE			–			•			–			SPARE	20	1		16
17		20	1	SPARE				–			•			–		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		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:
1. ROUTE CIRCUIT VIA LIGHTING CONTROL RELAY 'R-L2'
PHASE TOTALS: PH A: 1100 | PH B: 2025 | PH C: 1720

TOTAL CONNECTED VA	4845
PANEL CONNECTED KVA	4.8
PANEL DEMAND KVA	6.1
PANEL DEMAND AMPS	16.8

CALCULATION BY LOAD TYPE:

LIGHTING	4,845	VOLTAMPS x	1.25	=	6,056	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 = 6,056 VOLTAMPS
16.8 FULL LOAD AMPS

NOTICE

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

LA4C	LB1AS	LB3A
LB1A	LB1B	LB3B

THE SAENGER THEATRE RENEWAL PROJECT

142 North Rampart Street
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

E7.04

ISSUED FOR PERMIT

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