

PANEL 144LP.1		LOCATION ROOM 144										VOLTS 480Y/277V				
FED FROM	CKT *	MOUNTING Recessed										MAIN				
		PHASE	WIRE	FEEDER			BUS									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	LTG RM 147	1	1	15	855	855	0	0	2280	15	1	2	2	LTG RM 139	2	
3	LTG RM 122	3	1	20	1872	0	1872	0	3744	15	1	4	4	LTG RM 148,149	4	
5	CORRIDOR 146	5	1	15	216	0	0	216	570	15	1	6	6	LTG RM 144,145	6	
7	LTG RM 136,137	7	1	15	216	0	0	216	570	15	1	8	8	EMERGENCY LIGHTING	8	
9	EXIT	9	1	15	60	0	0	60	1140	15	1	10	10	LTG 140,141,142,143	10	
11	LTG RM 123-128	11	1	15	1140	0	0	1140	1330	15	1	12	12	LTG RM 129-135	12	
13	L-CS-149-WH-01	13	3	15	3000	0	0	0	0	15	3	14	14	L-CS-136-WH-02	14	
15		15				0	1800	0	0			16				
17		17				0	2666	0	0			18				
19	L-CS-138-SV-2B	19	3	20	13000	4333	4333	4333	13000	20	3	20	20	L-CS-132-SV-04	20	
21		21				4333	4333	4333				22				
23		23				4333	4333	4333				24				
25	L-CS-129-SV-06	25	3	20	13000	4333	4333	4333	13000	20	3	26	26	L-CS-127-SV-08	26	
27		27				4333	4333	4333				28				
29		29				4333	4333	4333				30				
31	L-CS-146-SV-16A	31	3	20	13000	4333	4333	4333	13000	20	3	32	32	L-CS-146-SV-16B	32	
33		33				4333	4333	4333				34				
35		35				4333	4333	4333				36				
37	L-CS-147-SV-15	37	3	20	13000	4333	4333	4333		20	1	38	38	SPARE	38	
39		39				4333	4333	4333		20	1	40	40	SPARE	40	
41		41				4333	4333	4333		20	1	42	42	PARKING LOT LIGHTING	42	
TOTAL CONNECTED LOAD (VA)						37498	37445	37973								
(AMPS)						112916										

PANEL 163LP.1		LOCATION ROOM 163										VOLTS 480Y/277V				
FED FROM	CKT *	MOUNTING Square D										MAIN				
		PHASE	WIRE	FEEDER			BUS									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	LTG RM 166	1	1	15	1824	1824	0	0	3135	15	1	2	2	LTG RM 167	2	
3	RM 160,161,163	3	1	15	1238	0	1238	0	1482	15	1	4	4	LTG RM 174	4	
5	LTG RM 175	5	1	15	2736	0	0	2736	884	15	1	6	6	LTG RM 171,172	6	
7	LTG RM 162	7	1	15	1425	0	0	1425	864	15	1	8	8	HALL	8	
9	LTG RM 173	9	1	15	2700	0	2700	0	760	15	1	10	10	LTG RM 169	10	
11	LTG RM 170	11	1	15	2400	0	0	2400	360	15	1	12	12	LTG RM 168	12	
13	L-CS-135-SV-01	13	3	20	13000	4333	4333	4333	19000	30	3	14	14	L-CS-138-SV-2A	14	
15		15				4333	4333	4333				16				
17		17				4333	4333	4333				18				
19	LTG RM 165	19	1	15	950	950	0	0	0	30	3	20	20	SPARE	20	
21	SPARE	21	1	15	0	0	0	0	0			22				
23	EMERGENCY LIGHTING	23	1	15	240	0	0	0	240			24				
25	SPARE	25	3	20	0	0	0	0	0	20	1	26	26	SPARE	26	
27		27				0	0	0	0	20	1	28	28	SPARE	28	
29		29				0	0	0	0	20	1	30	30	SPARE	30	
31	SPARE	31	1	20	0	0	0	0	0	15	1	32	32	SPARE	32	
33	SPARE	33	1	20	0	0	0	0	0	15	1	34	34	SPARE	34	
35	SPARE	35	1	20	0	0	0	0	0	15	1	36	36	SPARE	36	
37	SPARE	37	1	15	0	0	0	0	0	15	1	38	38	SPARE	38	
39	SPARE	39	1	15	0	0	0	0	0	15	1	40	40	SPARE	40	
41	SPARE	41	1	15	0	0	0	0	0	15	1	42	42	SPARE	42	
TOTAL CONNECTED LOAD (VA)						18864	16846	17286								
(AMPS)						52996										

PANEL 172RP.1		LOCATION ROOM 172										VOLTS 208Y/120V				
FED FROM	CKT *	MOUNTING Recessed										MAIN				
		PHASE	WIRE	FEEDER			BUS									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	RCPT RM 175	1	3	30	8646	2882	2882	0	8646	30	3	2	2	RCPT RM 175	2	
3		3				2882	2882	0	0			4	4			
5		5				2882	2882	0	0			6	6			
7	RCPT RM 174	7	3	30	8646	2882	0	0	900	20	1	8	8	RCPT RM 173 GFCI	8	
9		9				2882	0	0	900	20	1	10	10	RCPT RM 172	10	
11		11				2882	0	0	1080	20	1	12	12	RCPT RM 175	12	
13	RCPT RM 170 GFCI	13	1	20	900	0	0	0	720	20	1	14	14	RCPT RM 174	14	
15	RCPT RM 171	15	1	20	900	0	0	0	1080	20	1	16	16	RCPT RM 175	16	
17	RCPT RM 174,175 GFCI	17	1	20	360	0	0	0	900	20	1	18	18	RCPT RM 175	18	
19	RCPT RM 175	19	1	20	900	0	0	0	8646	30	3	20	20	RCPT RM 167	20	
21	SPARE	21	1	20	0	0	0	0	0			22				
23	RCPT RM 174	23	1	20	900	0	0	0	0			24				
25	RCPT RM 167	25	3	30	8646	2882	0	0	0	20	1	26	26	SPARE	26	
27		27				2882	0	0	0	20	1	28	28	SPARE	28	
29		29				2882	0	0	0	20	1	30	30	SPARE	30	
31	SPARE	31	1	20	0	0	0	0	0	30	3	32	32	SPARE	32	
33	SPARE	33	1	20	0	0	0	0	0			34				
35	SPARE	35	1	20	0	0	0	0	0			36				
37	SPARE	37	1	20	0	0	0	0	0	20	1	38	38	SPARE	38	
39	SPARE	39	1	20	0	0	0	0	0	20	1	40	40	SPARE	40	
41	SPARE	41	1	20	0	0	0	0	0	20	1	42	42	SPARE	42	
TOTAL CONNECTED LOAD (VA)						17830	17290	17650								
(AMPS)						52770										

PANEL 168RP.1		LOCATION ROOM 168										VOLTS 208Y/120V				
FED FROM	CKT *	MOUNTING Recessed										MAIN Main Lugs				
		PHASE	WIRE	FEEDER			BUS									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	RCPT RM 169	1	3	30	8646	2882	2882	0	8646	30	3	2	2	RCPT RM 169	2	
3		3				2882	2882	0	0			4	4			
5		5				2882	2882	0	0			6	6			
7	RCPT RM 169	7	3	20	4992	1664	1701	0	5104	20	3	8	8	RCPT RM 169	8	
9		9				1664	1701	0	0			10	10			
11		11				1664	1701	0	0			12	12			
13	RCPT RM 166	13	1	20	360	360	0	0	540	20	1	14	14	RCPT RM 166	14	
15	RCPT RM 169 GFCI	15	1	20	720	0	0	0	360	20	1	16	16	RCPT RM 168 GFCI	16	
17	RCPT RM 167 GFCI	17	1	20	540	0	0	0	180	20	1	18	18	RCPT RM 166	18	
19	RCPT RM 166	19	1	20	180	180	0	0	720	20	1	20	20	RCPT RM 167	20	
21	RCPT RM 169 GFCI	21	1	20	720	0	0	0	720	20	1	22	22	RCPT RM 167	22	
23	RCPT RM 167	23	1	20	540	0	0	0	305	20	1	24	24	LTG STAIR 176, ROOF WALK/PLATF.	24	
25	RCPT RM 166	25	1	20	180	180	0	0	720	20	1	26	26	RCPT ROOF PLATFORM	26	
27	SPARE	27	1	20	0	0	0	0	180	15	1	28	28	RCPT RM 166	28	
29	SPARE	29	1	20	0	0	0	0	180	15	1	30	30	RCPT RM 166	30	
31	SPARE	31	3	30	0	0	0	0	0	20	3	32	32	SPARE	32	
33		33				0	0	0	0			34				
35		35				0	0	0	0			36				
37	SPARE	37	1	20	0	0	0	0	0	20	1	38	38	SPARE	38	
39	SPARE	39	1	20	0	0	0	0	0	20	1	40	40	SPARE	40	
41	SPARE	41	1	20	0	0	0	0	0	20	1	42	42	SPARE	42	
TOTAL CONNECTED LOAD (VA)						11829	11829	10874								
(AMPS)						34532										

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REVISIONS	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	7-24-96	MM	JCL	JCL	JCL	JCL	ISSUED FOR BID
A	6-14-96	MM	JCL	JCL	JCL	JCL	FINAL DESIGN REVIEW
DRAWING NO. DESCRIPTION							

DRAWN	M. M.
CHECKED	
ENGINEER	