

5

4

3

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PANEL 144LP.1		LOCATION ROOM 144										VOLTS 480Y/277V					
FED FROM	CKT #	MOUNTING Recessed										MAIN					
		PHASE 3	WIRE 4	FEEDER		BUS 225											
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	15	855	888	0	0	2280	15	1	2	LTG RM 139	2		
3	LTG RM 122	3	1	20	15	1872	1972	0	0	376	15	1	4	LTG RM 148,149	4		
5	CORRIDOR 146	5	1	15	15	216	216	0	0	576	15	1	6	LTG RM 144,145	6		
7	LTG RM 136,137	7	1	15	15	216	216	0	0	150	15	1	8	EMERGENCY LIGHTING	8		
9	EXIT	9	1	15	15	60	60	0	0	1140	15	1	10	LTG 140,141,142,143	10		
11	LTG RM 123-128	11	1	15	15	1140	1140	0	0	1330	15	1	12	LTG RM 129-135	12		
13	L-CS-149-WH-01	13	3	15	15	3000	1000	0	0	8000	15	3	14	L-CS-136-WH-02	14		
15		15					1800	0	0				16				
17		17					2666	0	0				18				
19	L-CS-138-SV-2B	19	3	20	15	13000	4333	0	0	13000	20	3	20	L-CS-132-SV-04	20		
21		21					4333	0	0				22				
23		23					4333	0	0				24				
25	L-CS-129-SV-06	25	3	20	15	13000	4333	0	0	13000	20	3	26	L-CS-127-SV-08	26		
27		27					4333	0	0				28				
29		29					4333	0	0				30				
31	L-CS-146-SV-16A	31	3	20	15	13000	4333	0	0	13000	20	3	32	L-CS-146-SV-16B	32		
33		33					4333	0	0				34				
35		35					4333	0	0				36				
37	L-CS-147-SV-15	37	3	20	15	13000	4333	0	0		20	1	38	SPARE	38		
39		39					4333	0	0		20	1	40	SPARE	40		
41		41					4333	0	0		20	1	42	PARKING LOT LIGHTING	42		
TOTAL							37498	37445	37973								
TOTAL CONNECTED LOAD (VA)							112916										
(AMPS)																	

PANEL 163LP.1		LOCATION ROOM 163										VOLTS 480Y/277V					
FED FROM	CKT #	MOUNTING Square D										MAIN					
		PHASE 3	WIRE 4	FEEDER		BUS 225											
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	15	1824	1824	0	0	3135	15	1	2	LTG RM 167	2		
3	RM 160,161,163	3	1	15	15	1236	0	1236	0	1482	15	1	4	LTG RM 174	4		
5	LTG RM 175	5	1	15	15	2736	0	0	0	884	15	1	6	LTG RM 171,172	6		
7	LTG RM 162	7	1	15	15	1425	1425	0	0	864	15	1	8	HALL	8		
9	LTG RM 173	9	1	15	15	2700	0	2700	0	760	15	1	10	LTG RM 169	10		
11	LTG RM 170	11	1	15	15	2400	0	0	0	360	15	1	12	LTG RM 168	12		
13	L-CS-135-SV-01	13	3	20	15	13000	4333	0	0	19000	30	3	14	L-CS-138-SV-2A	14		
15		15					4333	0	0				16				
17		17					6333	0	0				18				
19	LTG RM 165	19	1	15	15	950	950	0	0	30	3	20	20	SPARE	20		
21	SPARE	21	1	15	15	0	0	0	0				22				
23	EMERGENCY LIGHTING	23	1	15	15	240	0	0	0	240			24				
25	SPARE	25	3	20	15	0	0	0	0	20	1	26	26	SPARE	26		
27		27					0	0	0	20	1	28	28	SPARE	28		
29		29					0	0	0	20	1	30	30	SPARE	30		
31	SPARE	31	1	20	15	0	0	0	0	15	1	32	32	SPARE	32		
33	SPARE	33	1	20	15	0	0	0	0	15	1	34	34	SPARE	34		
35	SPARE	35	1	20	15	0	0	0	0	15	1	36	36	SPARE	36		
37	SPARE	37	1	15	15	0	0	0	0	15	1	38	38	SPARE	38		
39	SPARE	39	1	15	15	0	0	0	0	15	1	40	40	SPARE	40		
41	SPARE	41	1	15	15	0	0	0	0	15	1	42	42	SPARE	42		
TOTAL							18864	16846	17286								
TOTAL CONNECTED LOAD (VA)							52996										
(AMPS)																	

PANEL 172RP.1		LOCATION ROOM 172										VOLTS 208Y/120V					
FED FROM	CKT #	MOUNTING Recessed										MAIN					
		PHASE 3	WIRE 4	FEEDER		BUS 225											
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	15	8646	2882	0	0	8646	30	3	2	RCPT RM 175	2		
3		3					2882	0	0				4				
5		5					2882	0	0				6				
7	RCPT RM 174	7	3	30	15	8646	2882	0	0	900	20	1	8	RCPT RM 173 GFCI	8		
9		9					2882	0	0	900	20	1	10	RCPT RM 172	10		
11		11					0	0	2882	1080	20	1	12	RCPT RM 175	12		
13	RCPT RM 170 GFCI	13	1	20	15	900	900	0	0	720	20	1	14	RCPT RM 174	14		
15	RCPT RM 171	15	1	20	15	900	0	0	0	1080	20	1	16	RCPT RM 175	16		
17	RCPT RM 174,175 GFCI	17	1	20	15	360	0	0	0	900	20	1	18	RCPT RM 175	18		
19	RCPT RM 175	19	1	20	15	900	0	0	0	8646	30	3	20	RCPT RM 167	20		
21	SPARE	21	1	20	15	0	0	0	0				22				
23	RCPT RM 174	23	1	20	15	900	0	0	0				24				
25	RCPT RM 167	25	3	30	15	8646	2882	0	0		20	1	26	SPARE	26		
27		27					0	0	2882		20	1	28	SPARE	28		
29		29					0	0	2882		20	1	30	SPARE	30		
31	SPARE	31	1	20	15	0	0	0	0		30	3	32	SPARE	32		
33	SPARE	33	1	20	15	0	0	0	0				34				
35	SPARE	35	1	20	15	0	0	0	0				36				
37	SPARE	37	1	20	15	0	0	0	0	20	1	38	38	SPARE	38		
39	SPARE	39	1	20	15	0	0	0	0	20	1	40	40	SPARE	40		
41	SPARE	41	1	20	15	0	0	0	0	20	1	42	42	SPARE	42		
TOTAL							17830	17290	17650								
TOTAL CONNECTED LOAD (VA)							52770										
(AMPS)																	

PANEL 168RP.1		LOCATION ROOM 168										VOLTS 208Y/120V					
FED FROM	CKT #	MOUNTING Recessed										MAIN					
		PHASE 3	WIRE 4	FEEDER		BUS 225				Main Lugs							
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	15	8646	2882	0	0	8646	30	3	2	RCPT RM 169	2		
3		3					2882	0	0				4				
5		5					2882	0	0				6				
7	RCPT RM 169	7	3	20	15	4992	1564	0	0	5104	20	3	8	RCPT RM 169	8		
9		9					1664	0	0				10				
11		11					0	0	1664	1781			12				
13	RCPT RM 166	13	1	20	15	360	360	0	0	540	20	1	14	RCPT RM 166	14		
15	RCPT RM 169 GFCI	15	1	20	15	720	0	0	0	360	20	1	16	RCPT RM 168 GFCI	16		
17	RCPT RM 167 GFCI	17	1	20	15	540	0	0	0	180	20	1	18	RCPT RM 166	18		
19	RCPT RM 166	19	1	20	15	180	180	0	0	720	20	1	20	RCPT RM 167	20		
21	RCPT RM 169 GFCI	21	1	20	15	720	0	0	0	720	20	1	22	RCPT RM 167	22		
23	RCPT RM 167	23	1	20	15	540	0	0	0	305	20	1	24	LTG, STAIR 176, ROOF WALK/PLATF.	24		
25	RCPT RM 166	25	1	20	15	180	180	0	0	720	20	1	26	RCPT ROOF PLATFORM	26		
27	SPARE	27	1	20	15	0	0	0	0	180	15	1	28	RCPT RM 166	28		
29	SPARE	29	1	20	15	0	0	0	0	180	15	1	30	RCPT RM 166	30		
31	SPARE	31	3	30	15	0	0	0	0	20	3	32	32	SPARE	32		
33		33					0	0	0				34				
35		35					0	0	0				36				
37	SPARE	37	1	20	15	0	0	0	0	20	1	38	38	SPARE	38		
39	SPARE	39	1	20	15	0	0	0	0	20	1	40	40	SPARE	40		
41	SPARE	41	1	20	15	0	0	0	0	20	1	42	42	SPARE	42		
TOTAL							11829	11829	10874								
TOTAL CONNECTED LOAD (VA)							34532										
(AMPS)																	

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	6-14-96	JCL	JCL	JCL	JCL	FINAL DESIGN REVIEW

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

**PARSONS**