



any other way, except by written consent from PARSONS to the borrower.

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	855	855	0	0	2542	15	1	2	2	LTG RM 128,130,131,138,139,152	2	
3	LTG RM 122	3	1	20	1872	0	1872	0	332	15	1	4	4	LTG RM 148,149	4	
5	CORRIDOR 146	5	1	15	216	0	0	216	380	15	1	6	6	LTG RM 144,145	6	
7	LTG RM 136,137,151	7	1	15	352	352	0	0	150	15	1	8	8	EMERGENCY LIGHTING	8	
9	EXIT	9	1	15	10	0	10	0	1140	15	1	10	10	LTG 140,141,142,143,125	10	
11	LTG RM 123,124,126,127	11	1	15	1045	0	0	1045	1330	15	1	12	12	LTG RM 129-135	12	
13	L-CS-127-SV-08	13	3	20	13000	4333	0	0	8000	15	3	14	14	L-CS-136-WH-02	14	
15		15				0	4333	0				16	16			
17		17				0	2666	0				18	18			
19	L-CS-138-SV-2B	19	3	20	13000	4333	0	0	13000	20	3	20	20	L-CS-132-SV-04	20	
21		21				0	4333	0				22	22			
23		23				0	4333	0				24	24			
25	L-CS-129-SV-06	25	3	20	13000	4333	0	0	720	20	1	26	26	PARKING LOT LIGHTING	26	
27		27				0	4333	0				28	28	SPARE	28	
29		29				0	0	4333				30	30	SPARE	30	
31	L-CS-146-SV-16A	31	3	20	13000	4333	0	0	13000	20	3	32	32	L-CS-146-SV-16B	32	
33		33				0	4333	0				34	34			
35		35				0	4333	0				36	36			
37	L-CS-147-SV-15	37	3	20	13000	4333	0	0	3000	15	3	38	38	L-CS-149-WH-01	38	
39		39				0	4333	1000				40	40			
41		41				0	0	4333	720			42	42			
TOTAL CONNECTED LOAD (VA)						38616	37256	36968								
(AMPS)						112840										

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	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	1425	0	0	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	0	0	19000	30	3	14	14	L-CS-138-SV-2A	14	
15		15				0	4333	0				16	16			
17		17				0	0	4333				18	18			
19	LTG RM 165	19	1	15	950	950	0	0		30	3	20	20	SPARE	20	
21	SPARE	21	1	15	0	0	0	0				22	22			
23	EMERGENCY LIGHTING	23	1	15	240	0	0	240				24	24			
25	SPARE	25	3	20	0	0	0	0				26	26	SPARE	26	
27		27				0	0	0				28	28	SPARE	28	
29		29				0	0	0				30	30	SPARE	30	
31	SPARE	31	1	20	0	0	0	0		15	1	32	32	SPARE	32	
33	SPARE	33	1	20	0	0	0	0		15	1	34	34	SPARE	34	
35	SPARE	35	1	20	0	0	0	0		15	1	36	36	SPARE	36	
37	SPARE	37	1	15	0	0	0	0		15	1	38	38	SPARE	38	
39	SPARE	39	1	15	0	0	0	0		15	1	40	40	SPARE	40	
41	SPARE	41	1	15	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 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	8646	2882	2882	0	8646	30	3	2	2	RCPT RM 175	2	
3		3				0	2882	0				4	4			
5		5				0	2882	0				6	6			
7	RCPT RM 174	7	3	30	8646	2882	0	0	1080	20	1	8	8	RCPT RM 173 GFCI, TRAP PRIMER	8	
9		9				0	2882	0	900	20	1	10	10	RCPT RM 172	10	
11		11				0	0	2882	1260	20	1	12	12	RCPT RM 175, TRAP PRIMER	12	
13	RCPT RM 170 GFCI	13	1	20	900	900	0	0	720	20	1	14	14	RCPT RM 174	14	
15	RCPT RM 171	15	1	20	900	0	900	0	1080	20	1	16	16	RCPT RM 175	16	
17	RCPT RM 174,175 GFCI	17	1	20	360	0	0	360	900	20	1	18	18	RCPT RM 175	18	
19	RCPT RM 175	19	1	20	900	900	0	0	8646	30	3	20	20	RCPT RM 167	20	
21	SPARE	21	1	20	0	0	0	0				22	22			
23	RCPT RM 174	23	1	20	900	0	0	900				24	24			
25	RCPT RM 167	25	3	30	8646	2882	0	0		20	1	26	26	SPARE	26	
27		27				0	2882	0				28	28	SPARE	28	
29		29				0	0	2882				30	30	SPARE	30	
31	SPARE	31	1	20	0	0	0	0		30	3	32	32	SPARE	32	
33	SPARE	33	1	20	0	0	0	0				34	34			
35	SPARE	35	1	20	0	0	0	0				36	36			
37	SPARE	37	1	20	0	0	0	0		20	1	38	38	SPARE	38	
39	SPARE	39	1	20	0	0	0	0		20	1	40	40	SPARE	40	
41	SPARE	41	1	20	0	0	0	0		20	1	42	42	SPARE	42	
TOTAL CONNECTED LOAD (VA)						18010	17290	17830								
(AMPS)						53130										

PANEL 168RP.1		LOCATION ROOM 168										VOLTS 208Y/120V				
FED FROM	CKT #	MOUNTING Recessed										MAIN Main lugs				
		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 169	1	3	30	8646	2882	2882	0	8646	30	3	2	2	RCPT RM 169	2	
3		3				0	2882	0				4	4			
5		5				0	2882	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				0	1664	1701				10	10			
11		11				0	0	1664				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	720	0	360	20	1	16	16	RCPT RM 168 GFCI	16	
17	RCPT RM 167 GFCI	17	1	20	540	0	0	540	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	720	0	720	20	1	22	22	RCPT RM 167	22	
23	RCPT RM 167, TRAP PRIMER	23	1	20	720	0	0	720	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		20	3	32	32	SPARE	32	
33		33				0	0	0				34	34			
35		35				0	0	0				36	36			
37	SPARE	37	1	20	0	0	0	0		20	1	38	38	SPARE	38	
39	SPARE	39	1	20	0	0	0	0		20	1	40	40	SPARE	40	
41	SPARE	41	1	20	0	0	0	0		20	1	42	42	SPARE	42	
TOTAL CONNECTED LOAD (VA)						11829	11829	11054								
(AMPS)						34712										

REFERENCES	ISSUED FOR CONSTRUCTION		DRAWN M. M. 11-15-96	CHECKED J. C. L. 7-24-96	ENGINEER K. C. R. 10-25-96	PROJ T. D. M. 11-15-96	 100 WEST WALNUT STREET PASADENA, CALIFORNIA	 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
	ELECTRICAL CORNER STATION OSB LIGHTING AND POWER PANEL SCHEDULES								SCALE NONE	CONTRACT NUMBER PPI50969	PROJECT NUMBER 8094
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION	TITLE SHEET NUMBER <b>LA-E-115</b>		
		2	8-7-98	JE	AK	MM		ISSUED FOR AS-BUILT			