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PANEL 144LP.1		LOCATION ROOM 144										VOLTS 480Y/277V					
FED FROM		MOUNTING Recessed												MAIN			
CKT #		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	LTG RM 128,130,131,138,139,152	2		
3	LTG RM 122	3	1	20		1872	0	1872	0	332	15	1	4	LTG RM 148,149	4		
5	CORRIDOR 146	5	1	15		216	0	0	216	380	15	1	6	LTG RM 144,145	6		
7	LTG RM 136,137,151	7	1	15		352	352	0	0	150	15	1	8	EMERGENCY LIGHTING	8		
9	EXIT	9	1	15		10	0	10	0	1140	15	1	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	LTG RM 129-135	12		
13	L-CS-127-SV-08	13	3	20		13000	4333	0	0	8000	15	3	14	L-CS-136-WH-02	14		
15		15					0	0	0				16				
17		17					0	0	0				18				
19	L-CS-138-SV-2B	19	3	20		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		13000	4333	0	0	720	20	1	26	PARKING LOT LIGHTING	26		
27		27					0	0	0				28				
29		29					0	0	0				30				
31	L-CS-146-SV-16A	31	3	20		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		13000	4333	0	0	3000	15	3	38	L-CS-149-WH-01	38		
39		39					0	0	0				40				
41		41					0	0	0				42				
TOTAL CONNECTED LOAD (VA)							38616	37256	36968								
TOTAL CONNECTED LOAD (AMPS)							112840										

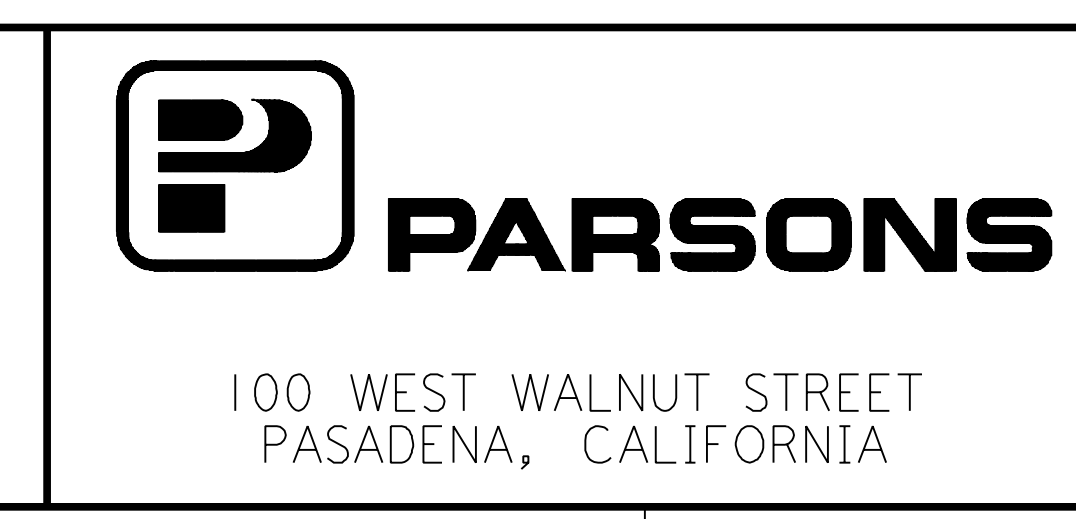
PANEL 163LP.1		LOCATION ROOM 163										VOLTS 480Y/277V					
FED FROM		MOUNTING Square D												MAIN			
CKT #		PHASE 3		WIRE 4		FEEDER		BUS 225									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	LTG RM 166	1	1	15		1824	1824	0	0	3135	15	1	2	LTG RM 167	2		
3	RM 160,161,163	3	1	15		1238	0	1238	0	1482	15	1	4	LTG RM 174	4		
5	LTG RM 175	5	1	15		2736	0	0	2736	884	15	1	6	LTG RM 171,172	6		
7	LTG RM 162	7	1	15		1425	1425	0	0	864	15	1	8	HALL	8		
9	LTG RM 173	9	1	15		2700	0	2700	0	760	15	1	10	LTG RM 169	10		
11	LTG RM 170	11	1	15		2400	0	0	2400	360	15	1	12	LTG RM 168	12		
13	L-CS-135-SV-01	13	3	20		13000	4333	0	0	19000	30	3	14	L-CS-138-SV-2A	14		
15		15					0	0	0				16				
17		17					0	0	0				18				
19	LTG RM 165	19	1	15		950	950	0	0				20	SPARE	20		
21	SPARE	21	1	15		0	0	0	0				22				
23	EMERGENCY LIGHTING	23	1	15		240	0	0	240				24				
25	SPARE	25	3	20		0	0	0	0				26	SPARE	26		
27		27					0	0	0				28	SPARE	28		
29		29					0	0	0				30	SPARE	30		
31	SPARE	31	1	20		0	0	0	0				32	SPARE	32		
33	SPARE	33	1	20		0	0	0	0				34	SPARE	34		
35	SPARE	35	1	20		0	0	0	0				36	SPARE	36		
37	SPARE	37	1	15		0	0	0	0				38	SPARE	38		
39	SPARE	39	1	15		0	0	0	0				40	SPARE	40		
41	SPARE	41	1	15		0	0	0	0				42	SPARE	42		
TOTAL CONNECTED LOAD (VA)							18864	16846	17286								
TOTAL CONNECTED LOAD (AMPS)							52996										

PANEL 172RP.1		LOCATION ROOM 172										VOLTS 208Y/120V					
FED FROM		MOUNTING Recessed												MAIN			
CKT #		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	RCPT RM 175	2		
3		3					2882	2882	0				4				
5		5					0	0	0				6				
7	RCPT RM 174	7	3	30		8646	2882	0	0	1080	20	1	8	RCPT RM 173 GFCI, TRAP PRIMER	8		
9		9					0	2882	0	900	20	1	10	RCPT RM 172	10		
11		11					0	0	2882	1260	20	1	12	RCPT RM 175, TRAP PRIMER	12		
13	RCPT RM 170 GFCI	13	1	20		900	900	0	0	720	20	1	14	RCPT RM 174	14		
15	RCPT RM 171	15	1	20		900	0	900	0	1080	20	1	16	RCPT RM 175	16		
17	RCPT RM 174,175 GFCI	17	1	20		360	0	0	360	900	20	1	18	RCPT RM 175	18		
19	RCPT RM 175	19	1	20		900	900	0	0	8646	30	3	20	RCPT RM 167	20		
21	SPARE	21	1	20		0	0	0	0				22				
23	RCPT RM 174	23	1	20		900	0	0	900				24				
25	RCPT RM 167	25	3	30		8646	2882	0	0				26	SPARE	26		
27		27					0	2882	0				28	SPARE	28		
29		29					0	0	2882				30	SPARE	30		
31	SPARE	31	1	20		0	0	0	0				32	SPARE	32		
33	SPARE	33	1	20		0	0	0	0				34				
35	SPARE	35	1	20		0	0	0	0				36				
37	SPARE	37	1	20		0	0	0	0				38	SPARE	38		
39	SPARE	39	1	20		0	0	0	0				40	SPARE	40		
41	SPARE	41	1	20		0	0	0	0				42	SPARE	42		
TOTAL CONNECTED LOAD (VA)							18010	17290	17830								
TOTAL CONNECTED LOAD (AMPS)							53130										

PANEL 168RP.1		LOCATION ROOM 168										VOLTS 208Y/120V					
FED FROM		MOUNTING Recessed												MAIN			
CKT #		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	RCPT RM 169	2		
3		3					2882	2882	0				4				
5		5					0	0	0				6				
7	RCPT RM 169	7	3	20		4992	1664	1701	0	5104	20	3	8	RCPT RM 169	8		
9		9					0	1664	1701				10				
11		11					0	0	1664	1701			12				
13	RCPT RM 166	13	1	20		360	360	0	0	540	20	1	14	RCPT RM 166	14		
15	RCPT RM 169 GFCI	15	1	20		720	0	720	0	360	20	1	16	RCPT RM 168 GFCI	16		
17	RCPT RM 167 GFCI	17	1	20		540	0	0	540	180	20	1	18	RCPT RM 166	18		
19	RCPT RM 166	19	1	20		180	180	0	0	720	20	1	20	RCPT RM 167	20		
21	RCPT RM 169 GFCI	21	1	20		720	0	720	0	720	20	1	22	RCPT RM 167	22		
23	RCPT RM 167, TRAP PRIMER	23	1	20		720	0	0	720	305	20	1	24	LTG, STAIR 176, ROOF WALK/PLATF.	24		
25	RCPT RM 166	25	1	20		180	180	0	0	720	20	1	26	RCPT ROOF PLATFORM	26		
27	SPARE	27	1	20		0	0	0	0				28	RCPT RM 166	28		
29	SPARE	29	1	20		0	0	0	0				30	RCPT RM 166	30		
31	SPARE	31	3	30		0	0	0	0				32	SPARE	32		
33		33					0	0	0				34				
35		35					0	0	0				36				
37	SPARE	37	1	20		0	0	0	0				38	SPARE	38		
39	SPARE	39	1	20		0	0	0	0				40	SPARE	40		
41	SPARE	41	1	20		0	0	0	0				42	SPARE	42		
TOTAL CONNECTED LOAD (VA)							11829	11829	11054								
TOTAL CONNECTED LOAD (AMPS)							34712										

ISSUED FOR CONSTRUCTION	DATE	BY	CHKD	ENGR	PROJ
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			
<b>AS-BUILT DRAWINGS</b>					
NO.	DATE	BY	CHKD	ENGR	PROJ
2	8-7-98	JE			
1	2-28-97	J. G.	RDC	KCR	T. D. M.
ISSUED FOR AS-BUILT GENERAL REVISIONS					
DRAWING NO.	DESCRIPTION				

100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA			
TITLE	SCALE		

*Note 1, LIGO, 02/12/99 09:37:52 AM*  
LIGO-D961017-02-O