

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

PANEL 107RP.1		LOCATION ROOM 107		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING Recessed		MAIN											
		PHASE 3	WIRE 4	FEEDER BUS 100											
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A B C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	SPARE	1	1		20		0 0 0	1260	20	1	2	RCPT RM 107	2		
3	RCPT RM 106	3	1		20	720	0 720 0		20	1	4	SPARE	4		
5	SPARE	5	1		20		0 0 0		20	1	6	SPARE	6		
7	MECH ROOM LIGHTS	7	1		20	800	800 0 0	800	20	1	8	MECH ROOM LIGHTS	8		
9	MECH ROOM LIGHTS	9	1		20	600	0 0 600		20	1	10	SPARE	10		
11	SPARE	11	1		15		0 0 0	1150	20	1	12	LCS107GP01	12		
13	SPARE	13	1		15		0 0 0		15	1	14	SPARE	14		
15	SPARE	15	1		15		0 0 0		15	1	16	SPARE	16		
17	SPARE	17	1		20		0 0 0		15	1	18	SPARE	18		
19	SPARE	19	1		20		0 0 0		20	1	20	SPARE	20		
21	SPARE	21	1		20		0 0 0		20	1	22	SPARE	22		
23	SPARE	23	1		20		0 0 0		20	1	24	SPARE	24		
25	SPARE	25	1		20		0 0 0		20	1	26	SPARE	26		
27	SPARE	27	1		20		0 0 0		20	1	28	SPARE	28		
29	SPARE	29	1		20		0 0 0		20	1	30	SPARE	30		
TOTAL							2860	1320	1150						
TOTAL CONNECTED LOAD (VA)							5330								
							(AMPS)								

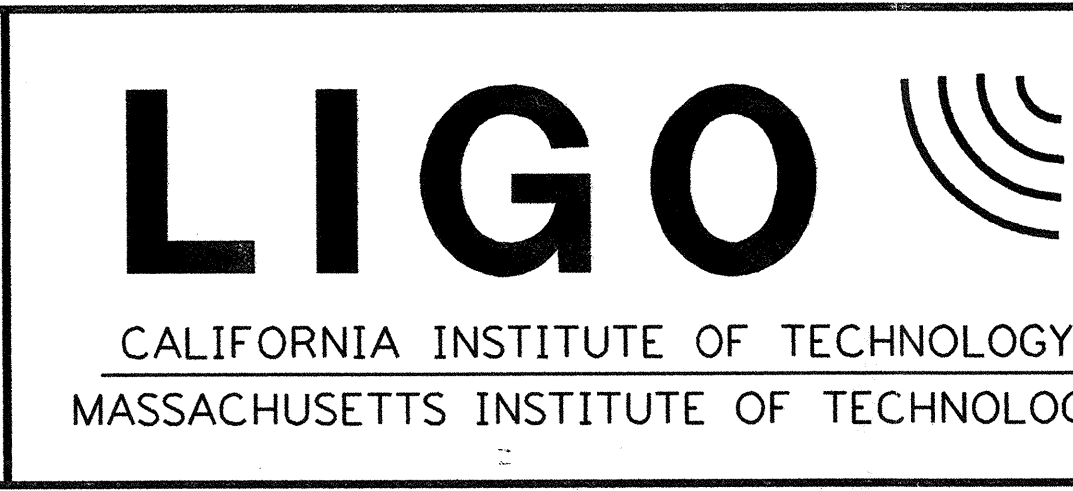
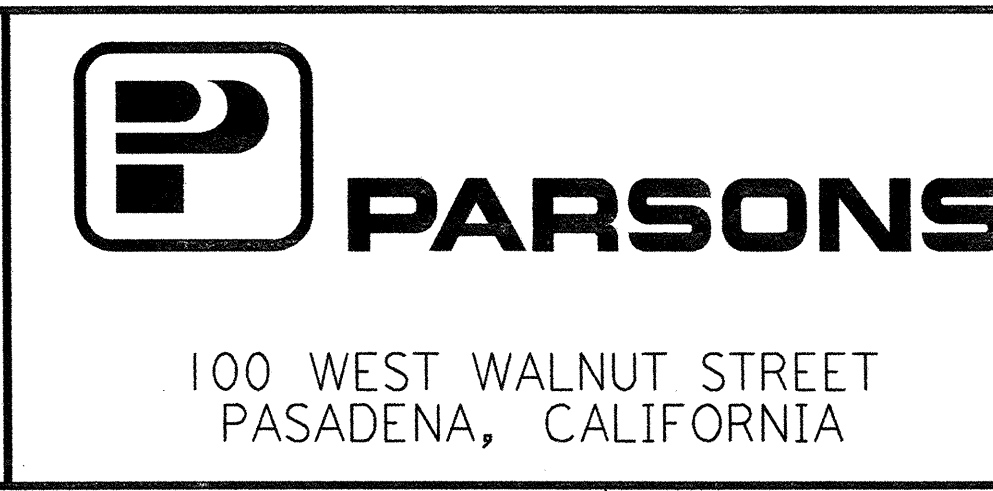
PANEL 107LP.1		LOCATION ROOM 107		VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING Recessed		MAIN											
		PHASE 3	WIRE 4	FEEDER BUS 225											
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A B C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	LTG RM 102	1	1		15	2620	2620 0 0	348	15	1	2	OUTSIDE.VEST 108,109	2		
3	OUTSIDE.VEST 112,113	3	1		15	458	0 458 0	2820	15	1	4	LTG RM 103	4		
5	LTG RM 105,104	5	1		15	2350	0 0 2350	66	15	1	6	EXIT & E LTG RM 103	6		
7	EXIT & E LTG RM 101,105	7	1		15	124	124 0 0	1410	15	1	8	LTG RM 106	8		
9	EXIT & E LTG RM 102	9	1		15	94	0 94 0	124	15	1	10	EXIT & E LTG RM 104,106,107	10		
11	OUTSIDE.VEST 110,111	11	1		15	458	0 0 458	1880	15	1	12	LTG RM 107	12		
13	SPARE	13	1		15		0 0 0		15	1	14	SPARE	14		
15	LTG RM 107	15	1		15	2350	0 2350 0		15	1	16	SPARE	16		
17	SPARE	17	1		15		0 0 0	288	15	1	18	PANEL LTG RM 107	18		
19	SPARE	19	3		15	0	0 25000 0	75000	100	3	20	LCS107T02	20		
21		21					0 25000 0				22				
23		23					0 0 25000				24				
25	SPARE	25	1		20		0 0 0		20	1	26	SPARE	26		
27	SPARE	27	1		20		0 0 0		20	1	28	SPARE	28		
29	SPARE	29	1		20		0 0 0		20	1	30	SPARE	30		
TOTAL							29702	30846	30042						
TOTAL CONNECTED LOAD (VA)							90590								
							(AMPS)								

PANEL 107HP.1		LOCATION ROOM 107		VOLTS 480											
FED FROM	CKT #	MOUNTING Recessed		MAIN											
		PHASE 3	WIRE 3	FEEDER BUS 800											
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A B C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	LCS107HC12	1	3		25	15000	5000 8333 0	25000	40	3	2		LCS107HC08	2	
3		3					0 5000 8333				4				
5		5					0 0 5000				6				
7	SPARE	7	3		50		0 0 0	0	50	3	8		SPARE	8	
9		9					0 0 0				10				
11		11					0 0 0				12				
13	LCS107HC06	13	3		80	50000	16667 16667 0	50000	80	3	14		LCS107HC09	14	
15		15					0 16667 16667				16				
17		17					0 0 16667				18				
19	SPARE	19	3		100	25000	0 0 25000	75000	125	3	20		LCS107HC01	20	
21		21					0 25000 0				22				
23		23					0 0 25000				24				
25	SPARE	25	3		125		0 0 0	0	150	3	26		SPARE	26	
27		27					0 0 0				28				
29		29					0 0 0				30				
31	SPARE	31	3		150	0	0 0 0	0	150	3	32		SPARE	32	
33		33					0 0 0				34				
35		35					0 0 0				36				
37	LCS107HC02	37	3		225	150000	50000 50000 50000	150000	225	3	38		LCS107HC03	38	
39		39					50000 50000 50000				40				
41		41					0 0 50000				42				
TOTAL							171667	171667	171667						
TOTAL CONNECTED LOAD (VA)							515000								
							(AMPS)								

PANEL 107HP.2		LOCATION ROOM 107		VOLTS 480											
FED FROM	CKT #	MOUNTING Recessed		MAIN											
		PHASE 3	WIRE 3	FEEDER BUS 800											
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A B C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	LCS107HC11	1	3		20	12000	4000 4000 0	25	3	2			SPARE	2	
3		3					0 4000 0				4				
5		5					0 0 4000				6				
7	SPARE	7	3		25		0 0 0	25	3	8			SPARE	8	
9		9					0 0 0				10				
11		11					0 0 0				12				
13	SPARE	13	3		40		0 0 0	0	40	3	14		SPARE	14	
15		15					0 0 0				16				
17		17					0 0 0				18				
19	LCS107HC07	19	3		40	25000	8333 8333 0	0	40	3	20		SPARE	20	
21		21					8333 0 0				22				
23		23					0 8333 0				24				
25	SPARE	25	3		40		10000 0 0	30000	50	3	26		LCS107HC13	26	
27		27					0 10000 0				28				
29		29					0 0 10000				30				
31	LCS107HC11	31	3		80	12000	4000 16667 0	50000	80	3	32		LCS107HC10	32	
33		33					4000 16667 0				34				
35		35					0 0 4000				36				
37	LCS107HC04	37	3		150	100000	33333 33333 33333	100000	150	3	38		LCS107HC05	38	
39		39					33333 33333 33333				40				
41		41					0 33333 33333				42				
TOTAL							61666	61666	61666						
TOTAL CONNECTED LOAD (VA)							184998								
							(AMPS)								

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	5-21-99	AO	AK	AG	MDW	ISSUED AS REVISED AS-BUILT
1	8-7-98	JE	AK	AG	MDW	ISSUED FOR AS-BUILT

AS-BUILT DRAWINGS  
 DRAWN M. M. 11-15-96  
 CHECKED JCL 7-24-96  
 ENGINEER KCR 10-25-96  
 PROJ T. D. M. 11-15-96



**LIGO-D961019-02-0**

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
	NONE	PP150969	8094
ELECTRICAL CORNER STATION MECH RM LIGHTING AND POWER PANEL SCHEDULES			REVISIONS
LA-E-117			2

1/21/99 3:23:35 PM C:\PLOT\QIE\39-T3862.dcf 52085 K:\T3862\ell17.epr  
 LIGOLAF3.BDR