

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)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	SPARE	1	1		20		1260	0	0	0	1260	20	1	2	RCPT RM 107	2
3	RCPT RM 106	3	1		20	720	0	720	0	0	720	20	1	4	SPARE	4
5	SPARE	5	1		20		0	0	0	0	0	20	1	6	SPARE	6
7	MECH ROOM LIGHTS	7	1		20	800	800	0	0	0	800	20	1	8	MECH ROOM LIGHTS	8
9	MECH ROOM LIGHTS	9	1		20	600	0	600	0	0	600	20	1	10	SPARE	10
11	SPARE	11	1		15		0	0	0	1150	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)																

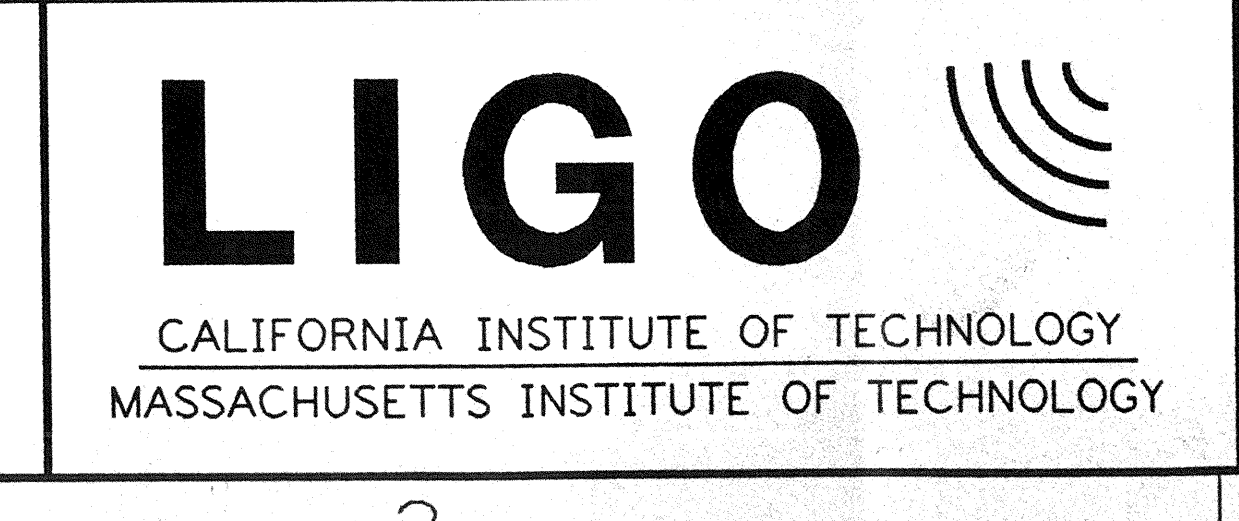
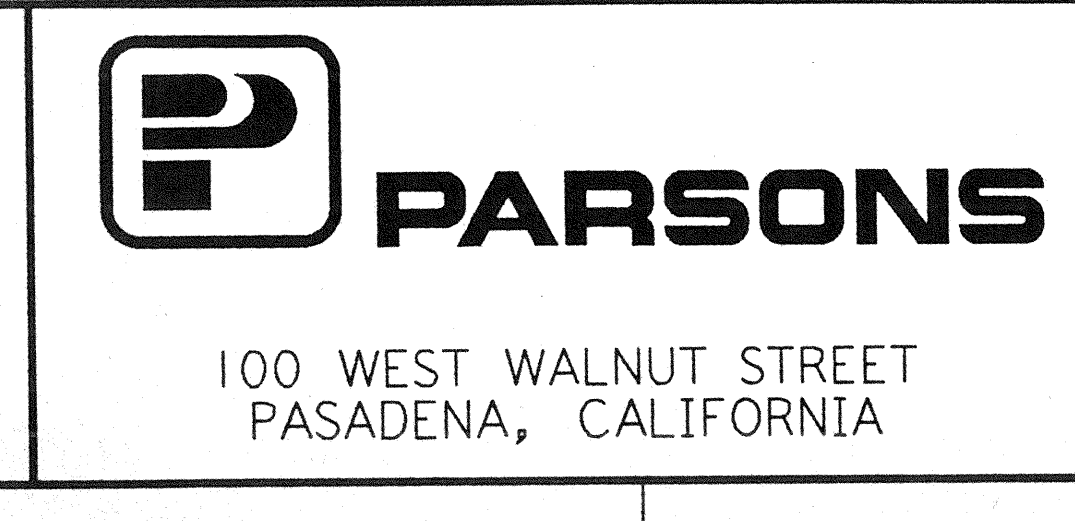
PANEL 107LP-1		LOCATION ROOM 107										VOLTS 480Y/277V				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
		PHASE 3	WIRE 4	FEEDER				BUS 225								
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	LTG RM 102	1	1		15	2820	2820	0	0	0	2820	15	1	2	OUTSIDE.VEST 108,109	2
3	OUTSIDE.VEST 112,113	3	1		15	458	0	458	0	0	458	15	1	4	LTG RM 103	4
5	LTG RM 105,104	5	1		15	2350	0	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	0	1410	15	1	8	LTG RM 106	8
9	EXIT & E LTG RM 102	9	1		15	94	0	94	0	0	124	15	1	10	EXIT & E LTG RM 104,106,107	10
11	OUTSIDE.VEST 110,111	11	1		15	458	0	0	0	458	1880	15	1	12	LTG RM 107	12
13	SPARE	13	1		15		0	0	0	0	15	1	14	SPARE	14	
15	LTG RM 107	15	1		15	2350	0	2350	0	0	15	1	16	SPARE	16	
17	SPARE	17	1		15		0	0	0	268	15	1	18	PANEL LTG RM 107	18	
19	SPARE	19	3		15	0	25000	0	0	0	75000	100	3	20	LCS107T02	20
21		21					0	0	0	0				22		22
23		23					0	0	0	0				24		24
25	SPARE	25	1		20		0	0	0	0	20	1	26	SPARE	26	
27	SPARE	27	1		20		0	0	0	0	20	1	28	SPARE	28	
29	SPARE	29	1		20		0	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)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	SPARE	1	3		125	16667	0	0	0	50000	80	3	2	LCS107HC10	2	
3		3				16667	0	0	0	0				4		4
5		5				16667	0	0	0	0				6		6
7	SPARE	7	3		150	5000	0	0	0	15000	25	3	8	LCS107HC12	8	
9		9				5000	0	0	0	0				10		10
11		11				5000	0	0	0	0				12		12
13	SPARE	13	3		150	8333	0	0	0	25000	40	3	14	LCS107HC08	14	
15		15				8333	0	0	0	0				16		16
17		17				8333	0	0	0	0				18		18
19	SPARE	19	3		150	25000	0	0	0	75000	125	3	20	LCS107HC01	20	
21		21				25000	0	0	0	0				22		22
23		23				25000	0	0	0	0				24		24
25	SPARE	25	3		50	50000	0	0	0	150000	225	3	26	LCS107HC02	26	
27		27				50000	0	0	0	0				28		28
29		29				50000	0	0	0	0				30		30
31	LCS107HC03	31	3		225	150000	50000	16667	0	50000	80	3	32	LCS107HC06	32	
33		33				50000	16667	0	0	0				34		34
35		35				50000	16667	0	0	0				36		36
37	SPARE	37	3		50	0	0	0	0	100	100	3	38	SPARE	38	
39		39				0	0	0	0	0				40		40
41		41				0	0	0	0	0				42		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)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	LCS107HU01	1	3		40	26000	8667	8667	8667	17000	25	3	2	LCS107HU06	2	
3		3				8667	8667	8667	0	0				4		4
5		5				8667	8667	8667	0	0				6		6
7	LCS107HU02	7	3		40	26000	8667	17333	8667	52000	80	3	8	LCS107HU07	8	
9		9				8667	17333	8667	0	0				10		10
11		11				8667	17333	8667	0	0				12		12
13	LCS107HU03	13	3		40	26000	8667	16667	8667	50000	80	3	14	LCS107HC09	14	
15		15				8667	16667	8667	0	0				16		16
17		17				8667	16667	8667	0	0				18		18
19	LCS107HU04	19	3		40	26000	8667	10000	8667	30000	50	3	20	LCS160HC13	20	
21		21				8667	10000	8667	0	0				22		22
23		23				8667	10000	8667	0	0				24		24
25	LCS107HU05	25	3		25	17000	5667	33333	5667	100000	150	3	26	LCS107HC05	26	
27		27				8667	33333	8667	0	0				28		28
29		29				8667	33333	8667	0	0				30		30
31	LCS107HC11	31	3		20	12000	4000	33333	4000	100000	150	3	32	LCS107HC04	32	
33		33				4000	33333	4000	0	0				34		34
35		35				4000	33333	4000	0	0				36		36
37	LCS107HC07	37	3		40	25000	8333	0	8333	100	100	3	38	SPARE	38	
39		39				8333	0	8333	0	0				40		40
41		41				8333	0	8333	0	0				42		42
TOTAL							169000	169000	169000							
TOTAL CONNECTED LOAD (VA)							507000									
(AMPS)																

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	DATE	BY
DRAWN	M.M.	11-15-96
CHECKED	JCL	7-24-96
ENGINEER	LGE	10-25-96
PROJ	SDWA	11/15/96



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO.2 - LIVINGSTON, LOUISIANA		
TITLE	SCALE	CONTRACT NUMBER
ELECTRICAL CORNER STATION MECH RM LIGHTING AND POWER PANEL SCHEDULES	NONE	PP150969
SHEET NUMBER	PROJECT NUMBER	
LA-E-117	8094	
REVISIONS		