

PANEL 107RP_1		LOCATION ROOM 107		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING Recessed	PHASE 3	WIRE 4	FEEDER MAIN 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						RCPT RM 107	2	
3	RCPT RM 106	3	1		20	720		720					SPARE	4	
5	SPARE	5	1		20								SPARE	6	
7	MECH ROOM LIGHTS	7	1		20	800		800					MECH ROOM LIGHTS	8	
9	MECH ROOM LIGHTS	9	1		20	600		600					SPARE	10	
11	SPARE	11	1		15								LCS107GP01	12	
13	SPARE	13	1		15								SPARE	14	
15	SPARE	15	1		15								SPARE	16	
17	SPARE	17	1		20								SPARE	18	
19	SPARE	19	1		20								SPARE	20	
21	SPARE	21	1		20								SPARE	22	
23	SPARE	23	1		20								SPARE	24	
25	SPARE	25	1		20								SPARE	26	
27	SPARE	27	1		20								SPARE	28	
29	SPARE	29	1		20								SPARE	30	
TOTAL							2860	1320	1150						
TOTAL CONNECTED LOAD (VA)							5330								
TOTAL CONNECTED LOAD (AMPS)															

PANEL 107LP_1		LOCATION ROOM 107		VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING Recessed	PHASE 3	WIRE 4	FEEDER MAIN 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		348	15				OUTSIDE VEST 108,109	2	
3	OUTSIDE VEST 112,113	3	1		15	458		2820	15				LTG RM 103	4	
5	LTG RM 105,104	5	1		15	2350		66	15				EXIT & E LTG RM 103	6	
7	EXIT & E LTG RM 101,105	7	1		15	124		1410	15				LTG RM 106	8	
9	EXIT & E LTG RM 102	9	1		15	94		124	15				EXIT & E LTG RM 104,106,107	10	
11	OUTSIDE VEST 110,111	11	1		15	458		1880	15				LTG RM 107	12	
13	SPARE	13	1		15				15				SPARE	14	
15	LTG RM 107	15	1		15	2350			15				SPARE	16	
17	SPARE	17	1		15			288	15				PANEL LTG RM 107	18	
19	SPARE	19	3		15	0		75000	100				LCS107T02	20	
21		21												22	
23		23												24	
25	SPARE	25	1		20				20				SPARE	26	
27	SPARE	27	1		20				20				SPARE	28	
29	SPARE	29	1		20				20				SPARE	30	
TOTAL							29702	30846	30042						
TOTAL CONNECTED LOAD (VA)							90590								
TOTAL CONNECTED LOAD (AMPS)															

PANEL 107HP_1		LOCATION ROOM 107		VOLTS 480											
FED FROM	CKT #	MOUNTING Recessed	PHASE 3	WIRE 3	FEEDER MAIN 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		50000	80			LCS107HC10	2	
3		3					16667							4	
5		5						16667						6	
7	SPARE	7	3		150		52000		15000	25			LCS107HC12	8	
9		9					52000							10	
11		11						52000						12	
13	SPARE	13	3		150		8333		25000	40			LCS107HC08	14	
15		15					8333							16	
17		17						8333						18	
19	SPARE	19	3		150		25000		75000	125			LCS107HC01	20	
21		21					25000							22	
23		23						25000						24	
25	SPARE	25	3		50		50000		150000	225			LCS107HC02	26	
27		27					50000							28	
29		29						50000						30	
31	LCS107HC03	31	3		225	150000	50000	16667	50000	80			LCS107HC06	32	
33		33					50000	16667						34	
35		35						50000	16667					36	
37	SPARE	37	3		50				100				SPARE	38	
39		39												40	
41		41												42	
TOTAL							171667	171667	171667						
TOTAL CONNECTED LOAD (VA)							515000								
TOTAL CONNECTED LOAD (AMPS)															

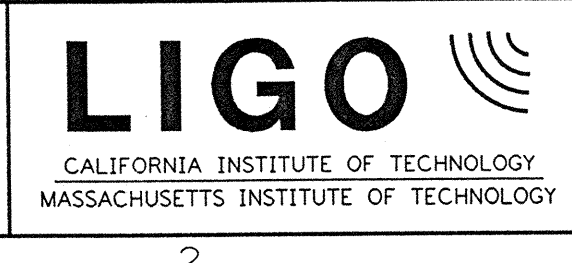
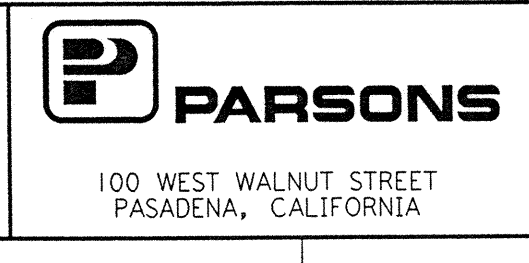
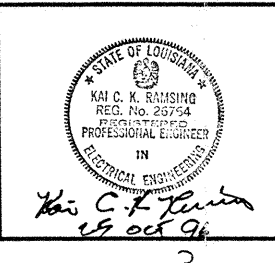
PANEL 107HP_2		LOCATION ROOM 107		VOLTS 480											
FED FROM	CKT #	MOUNTING Recessed	PHASE 3	WIRE 3	FEEDER MAIN BUS 800										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C						
1	LCS107HU01	1	3		40	26000	8667	8667	17000	25			LCS107HU06	2	
3		3					8667	8667						4	
5		5						8667	8667					6	
7	LCS107HU02	7	3		40	26000	8667	17333	52000	80			LCS107HU07	8	
9		9					8667	17333						10	
11		11						8667	17333					12	
13	LCS107HU03	13	3		40	26000	8667	16667	50000	80			LCS107HC09	14	
15		15					8667	16667						16	
17		17						8667	16667					18	
19	LCS107HU04	19	3		40	26000	8667	18000	30000	50			LCS160HC13	20	
21		21					8667	18000						22	
23		23						8667	18000					24	
25	LCS107HU05	25	3		25	17000	5667	33333	100000	150			LCS107HC05	26	
27		27					5667	33333						28	
29		29						5667	33333					30	
31	LCS107HC11	31	3		20	12000	4000	33333	100000	150			LCS107HC04	32	
33		33					4000	33333						34	
35		35						4000	33333					36	
37	LCS107HC07	37	3		40	25000	8333		100				SPARE	38	
39		39					8333							40	
41		41						8333						42	
TOTAL							169000	169000	169000						
TOTAL CONNECTED LOAD (VA)							507000								
TOTAL CONNECTED LOAD (AMPS)															

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	
DRAWN	M. M. 11-15-96
CHECKED	JCL 7-24-96
ENGINEER	JCL 10-25-96
PROJ	5000 11/15/96



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