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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				1260	0	0	1260	20	1	2	RCPT RM 107	2	
3	RCPT RM 106	3	1		20	720	0	720	720	20		1	4	SPARE	4	
5	SPARE	5	1		20	0	0	0	0	20		1	6	SPARE	6	
7	MECH ROOM LIGHTS	7	1		20	800	800	0	800	20		1	8	MECH ROOM LIGHTS	8	
9	MECH ROOM LIGHTS	9	1		20	600	0	600	600	20		1	10	SPARE	10	
11	SPARE	11	1		15	0	0	1150	1150	20		1	12	LCS107GP01	12	
13	SPARE	13	1		15	0	0	0	0	15		1	14	SPARE	14	
15	SPARE	15	1		15	0	0	0	0	15		1	16	SPARE	16	
17	SPARE	17	1		20	0	0	0	0	15		1	18	SPARE	18	
19	SPARE	19	1		20	0	0	0	0	20		1	20	SPARE	20	
21	SPARE	21	1		20	0	0	0	0	20		1	22	SPARE	22	
23	SPARE	23	1		20	0	0	0	0	20		1	24	SPARE	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							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	348	15		1	2	OUTSIDE,VEST 108,109	2
3	OUTSIDE,VEST 112,113	3	1		15	458	0	458	2820	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	144	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	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	285	288	15		1	18	PANEL LTG RM 107	18
19	SPARE	19	3		15	0	25000	0	0	75000	100		3	20	LCS107T02	20
21		21				0	0	0	0	0				22		22
23		23				0	25000	0	0	0				24		24
25	SPARE	25	1		20	0	0	0	0	0	20		1	26	SPARE	26
27	SPARE	27	1		20	0	0	0	0	0	20		1	28	SPARE	28
29	SPARE	29	1		20	0	0	0	0	0	20		1	30	SPARE	30
TOTAL							29702	30846	30042							
TOTAL CONNECTED LOAD (VA)							90590									
(AMPS)																

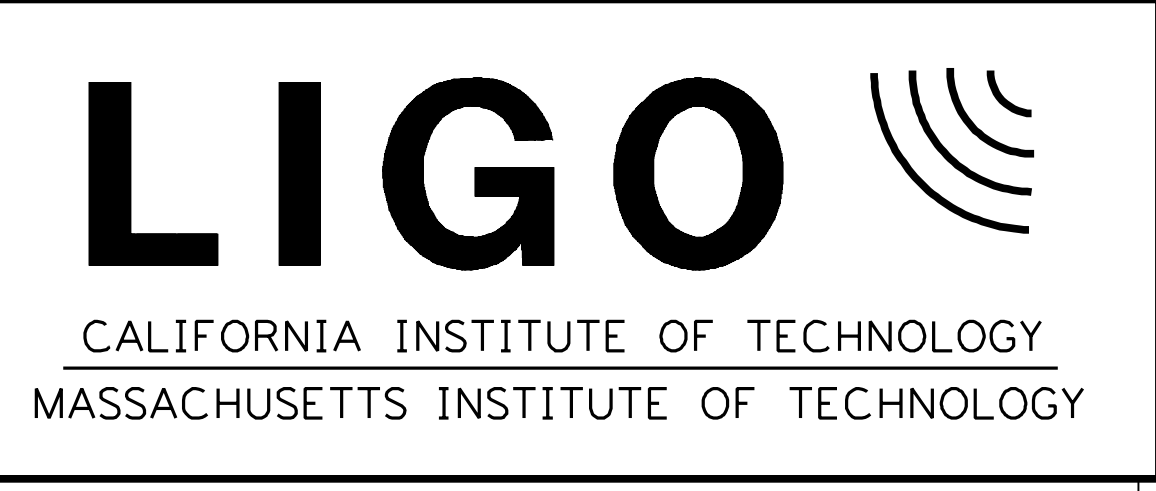
PANEL 107HP_1		LOCATION ROOM 107										VOLTS 480				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
		PHASE 3			WIRE 3			FEEDER				BUS 800				
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	SPARE	1	3		125	16667	0	0	16667	50000	80		3	2	LCS107HC10	2
3		3				0	0	16667	0	0				4		4
5		5				0	0	0	16667	0			6		6	
7	SPARE	7	3		150	5000	0	0	5000	15000	25		3	8	LCS107HC12	8
9		9				0	0	0	0	0			10		10	
11		11				0	0	0	0	0			12		12	
13	SPARE	13	3		150	8333	0	0	8333	25000	40		3	14	LCS107HC08	14
15		15				0	0	0	8333	0			16		16	
17		17				0	0	0	8333	0			18		18	
19	SPARE	19	3		150	25000	0	0	25000	75000	125		3	20	LCS107HC01	20
21		21				0	0	0	0	0			22		22	
23		23				0	0	0	25000	0			24		24	
25	SPARE	25	3		50	50000	0	0	50000	150000	225		3	26	LCS107HC02	26
27		27				0	0	0	50000	0			28		28	
29		29				0	0	0	50000	0			30		30	
31	LCS107HC03	31	3		225	150000	50000	16667	16667	50000	80		3	32	LCS107HC06	32
33		33				0	0	0	50000	0			34		34	
35		35				0	0	0	16667	0			36		36	
37	SPARE	37	3		50	0	0	0	0	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	SPARE	1	3		40	0	0	0	0	0	25		3	2	SPARE	2
3		3				0	0	0	0	0			4		4	
5		5				0	0	0	0	0			6		6	
7	SPARE	7	3		40	0	0	0	0	0	80		3	8	SPARE	8
9		9				0	0	0	0	0			10		10	
11		11				0	0	0	0	0			12		12	
13	SPARE	13	3		40	16667	0	0	16667	50000	80		3	14	LCS107HC09	14
15		15				0	0	0	16667	0			16		16	
17		17				0	0	0	16667	0			18		18	
19	SPARE	19	3		40	10000	0	0	10000	30000	50		3	20	LCS160HC13	20
21		21				0	0	0	10000	0			22		22	
23		23				0	0	0	10000	0			24		24	
25	SPARE	25	3		25	33333	0	0	33333	100000	150		3	26	LCS107HC05	26
27		27				0	0	0	33333	0			28		28	
29		29				0	0	0	33333	0			30		30	
31	LCS107HC11	31	3		20	12000	4000	33333	33333	100000	150		3	32	LCS107HC04	32
33		33				0	4000	33333	0	0			34		34	
35		35				0	4000	33333	0	0			36		36	
37	LCS107HC07	37	3		40	25000	8333	0	8333	0	100		3	38	SPARE	38
39		39				0	0	0	8333	0			40		40	
41		41				0	0	0	8333	0			42		42	
TOTAL							61666	61666	61666							
TOTAL CONNECTED LOAD (VA)							184998									
(AMPS)																

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	8-7-98	JE				ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION		
DRAWN	M. M.	11-15-96
CHECKED	JCL	7-24-96
ENGINEER	KCR	10-25-96
PROJ	T. D. M.	11-15-96

AS-BUILT DRAWINGS



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

Note 1, LIGO, 02/12/99 09:41:52 AM
LIGO-D961019-01-O