

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		0	0	0	1260	20	1	2	RCPT RM 107	2	
3	RCPT RM 106	3	1		20	720	0	720	0	20	20	1	4	SPARE	4	
5	SPARE	5	1		20		0	0	0	20	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	600	0	20	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		15	15	1	14	SPARE	14	
15	SPARE	15	1		15		0	0		15	15	1	16	SPARE	16	
17	SPARE	17	1		20		0	0		15	15	1	18	SPARE	18	
19	SPARE	19	1		20		0	0		20	20	1	20	SPARE	20	
21	SPARE	21	1		20		0	0		20	20	1	22	SPARE	22	
23	SPARE	23	1		20		0	0		20	20	1	24	SPARE	24	
25	SPARE	25	1		20		0	0		20	20	1	26	SPARE	26	
27	SPARE	27	1		20		0	0		20	20	1	28	SPARE	28	
29	SPARE	29	1		20		0	0		20	20	1	30	SPARE	30	
TOTAL							2860	1320	1150							
TOTAL CONNECTED LOAD (VA)							5330									
(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	50000	80	3	2	LCS107HC10	2	
3		3					16667	0	0				4			
5		5					16667	0	0				6			
7	SPARE	7	3		150		5000	0	0	15000	25	3	8	LCS107HC12	8	
9		9					5000	0	0				10			
11		11					5000	0	0				12			
13	SPARE	13	3		150		8333	0	0	25000	40	3	14	LCS107HC08	14	
15		15					8333	0	0				16			
17		17					8333	0	0				18			
19	SPARE	19	3		150		25000	0	0	75000	125	3	20	LCS107HC01	20	
21		21					25000	0	0				22			
23		23					25000	0	0				24			
25	SPARE	25	3		50		50000	0	0	150000	225	3	26	LCS107HC02	26	
27		27					50000	0	0				28			
29		29					50000	0	0				30			
31	LCS107HC03	31	3		225	150000	50000	16667	0	50000	80	3	32	LCS107HC06	32	
33		33					50000	16667	0				34			
35		35					50000	16667	0				36			
37	SPARE	37	3		50		0	0	0	100	100	3	38	SPARE	38	
39		39					0	0	0				40			
41		41					0	0	0				42			
TOTAL							171667	171667	171667							
TOTAL CONNECTED LOAD (VA)							515000									
(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	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	124	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	15	1	14	SPARE	14	
15	LTG RM 107	15	1		15	2350	0	2350	0	15	15	1	16	SPARE	16	
17	SPARE	17	1		15		0	0	288	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				22			
23		23					0	25000	0				24			
25	SPARE	25	1		20		0	0	0	20	20	1	26	SPARE	26	
27	SPARE	27	1		20		0	0	0	20	20	1	28	SPARE	28	
29	SPARE	29	1		20		0	0	0	20	20	1	30	SPARE	30	
TOTAL							29702	30846	30042							
TOTAL CONNECTED LOAD (VA)							90590									
(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						25	3	2	SPARE	2	
3		3											4			
5		5											6			
7	SPARE	7	3		40						80	3	8	SPARE	8	
9		9											10			
11		11											12			
13	SPARE	13	3		40		16667	0	0	50000	80	3	14	LCS107HC09	14	
15		15					16667	0	0				16			
17		17					16667	0	0				18			
19	SPARE	19	3		40		10000	0	0	30000	50	3	20	LCS160HC13	20	
21		21					10000	0	0				22			
23		23					10000	0	0				24			
25	SPARE	25	3		25		33333	0	0	100000	150	3	26	LCS107HC05	26	
27		27					33333	0	0				28			
29		29					33333	0	0				30			
31	LCS107HC11	31	3		20	12000	4000	33333	0	100000	150	3	32	LCS107HC04	32	
33		33					4000	33333	0				34			
35		35					4000	33333	0				36			
37	LCS107HC07	37	3		40	25000	8333	0	0		100	3	38	SPARE	38	
39		39					8333	0	0				40			
41		41					8333	0	0				42			
TOTAL							61666	61666	61666							
TOTAL CONNECTED LOAD (VA)							184998									
(AMPS)																

of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be used for any other way, except by written consent from PARSONS to the borrower.

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	8-7-98	JE	AK	AK	WJD	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-D961019-01-0

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					