

PANEL DP.02		LOCATION ROOM 203		VOLTS 480Y/277V										
FED FROM	CKT *	MOUNTING Recessed		MAIN Main Lugs										
DP.01	20	PHASE 3	WIRE 4	FEEDER 4*350KCMIL	BUS 225A									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	HEATER HC-01	1	3	20	6000	2000	9000	20	3	2	HEATER HC-07	2		
7	HEATER HC-08	7	3	20	9000	3000	6000	20	3	8	HEATER HC-05	8		
13	HEATER HC-06	13	3	20	6000	2000	6000	20	3	14	HEATER HC-02	14		
19	HEATER HC-04	19	3	20	6000	2000	6319	20	3	20	SUPPLY CRANE MOTOR	20		
25	LIGHTS ROOM 202	25	1	20	1800	1800	180	20	1	26	SPARE	26		
27	OUTSIDE LTC.	27	1	20	550	550	180	20	1	28	EMERG BATT PACKS	28		
29	LIGHTS ROOM 203,204	29	1	20	1540	1540	4230	20	1	30	LIGHTS ROOM 204,205	30		
31	LIGHTS ROOM 208	31	1	20	198	198	919	20	1	32	LIGHTS ROOM 206,207,209	32		
33	ROLLUP DOORS	33	3	20	4489	1490	42	20	1	34	EXIT LIGHTS	34		
37	SPARE	37	1	20				20	1	36	SPARE	36		
39	SPARE	39	1	20				20	1	38	SPARE	38		
41	SPARE	41	1	20				20	1	42	SPARE	42		
TOTAL							21509	20374	25372					
TOTAL CONNECTED LOAD (VA)							67255							
(AMPS)							80.9							

NOTE 5 ON DWG LA-E-008.

PANEL VEAC.01B		LOCATION ROOM 203		VOLTS 480Y/277V										
FED FROM	CKT *	MOUNTING Recessed		MAIN 200A										
DP.01	26	PHASE 3	WIRE 4	FEEDER 4*300KCMIL	BUS 225A									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	HEATING BLANKET CART	1	3	40	27000	2000	20000	30	3	2	CRYOPUMP REGENERATOR	2		
7	MAIN TURBO PUMP	7	1	20	400	400				8	SPARE	8		
9	SPARE	9	1	20						10	SPARE	10		
11	SPARE	11	1	20						12	SPARE	12		
13	SPARE	13	1	20						14	SPARE	14		
15	HU-01 RM 203	15	3	20	14000	4667	14000	20	3	16	HU-02 RM 203	16		
21	SPARE	21	1	20						22	SPARE	22		
23	SPARE	23	1	20						24	SPARE	24		
25	SPARE	25	1	20						1	26	SPARE	26	
27	SPARE	27	1	20						1	28	SPARE	28	
29	SPARE	29	1	20						1	30	SPARE	30	
TOTAL							25401	25001	25001					
TOTAL CONNECTED LOAD (VA)							75403							
(AMPS)							90.7							

NOTE:
 1. PANELS DP.01, DP.02, VEAC.01B AND VEAC.02B ARE TYPICAL FOR END STATIONS A AND B.

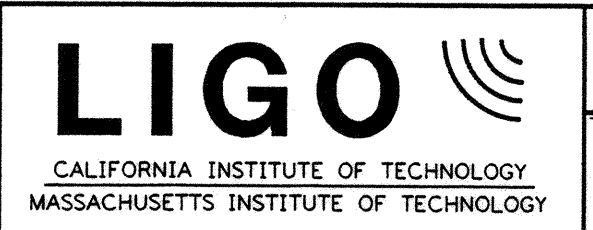
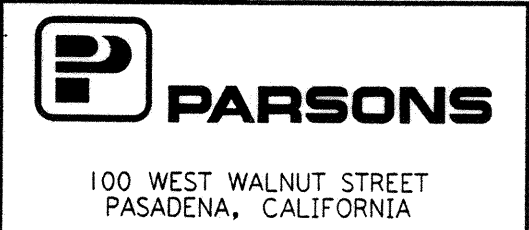
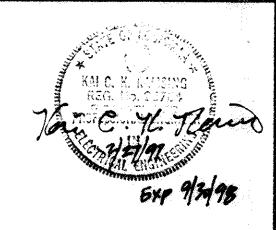
PANEL RP.01		LOCATION ROOM 203		VOLTS 208Y/120V										
FED FROM	CKT *	MOUNTING Surface Mount		MAIN 100A										
DP.01	19	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	BUS 100A									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	RCPT ROOM 202	1	1	20	1000	1000	900	20	1	2	RCPT ROOM 202	2		
3	SPARE	3	2	30			900	20	1	4	RCPT ROOM 203,204,205	4		
7	RCPT ROOM 206,207,208	7	1	20	900	900	240	20	1	8	EXHAUST FAN	8		
9	RCPT ROOM 203,204,205	9	1	20	720	720		20	1	10	SPARE	10		
11	RCPT ROOM 203	11	1	20	720	720	540	20	1	12	RCPT ROOM 203	12		
13	INCANDESCENT LTS	13	1	20	300	300		20	1	14	SPARE	14		
15	INCANDESCENT LTS	15	1	20	400	400		20	1	16	SPARE	16		
17	PROPANE W.C. IGNITOR	17	1	20	180	180		20	1	18	SPARE	18		
19	SPARE	19	1	20				20	1	20	SPARE	20		
21	SPARE	21	1	20				20	1	22	SPARE	22		
23	SPARE	23	1	20				20	1	24	SPARE	24		
TOTAL							3420	2020	2520					
TOTAL CONNECTED LOAD (VA)							7960							
(AMPS)							22.1							

PANEL VEAC.02B		LOCATION ROOM 202		VOLTS 480Y/277V										
FED FROM	CKT *	MOUNTING Recessed		MAIN 100A										
DP.01	31	PHASE 3	WIRE 4	FEEDER 4*1 & 1*6	BUS 125A									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	HEATING BLANKET CART	1	3	40	27000	2000	20000	30	3	2	CRYOPUMP REGENERATOR	2		
7	MAIN TURBO PUMP 1	7	1	20	400	400		30	3	8	SPARE	8		
9	SPARE	9	1	20						10	SPARE	10		
11	SPARE	11	1	20						12	SPARE	12		
TOTAL							16067	15667	15667					
TOTAL CONNECTED LOAD (VA)							47401							
(AMPS)							57							

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	2-28-97	J.G.	Doc	Doc		GENERAL REVISIONS

ISSUED FOR CONSTRUCTION
 DRAWN M.M. 1/1-15-96
 CHECKED J.C.L. 7-24-96
 ENGINEER K.C.R. 10-25-96
 PROJ T.D.M. 11-15-96



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE	SCALE	CONTRACT NUMBER
ELECTRICAL END A AND B STATIONS PANEL SCHEDULES	NONE	PP150969
PROJECT NUMBER		8094
SHEET NUMBER		LA-E-205
REVISIONS		

LIGO-D961029-01-0