

PANEL DP-02		LOCATION ROOM 203										VOLTS 480Y/277V				
FED FROM	CKT #	MOUNTING Recessed		MAIN		FEEDER		WIRE		BUS		LOAD SERVED				
DP-01	20	PHASE 3	WIRE 4	FEEDER 4*350KCMIL	MAIN Main lugs	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
							A	B	C							
1	HEATER HC-01	1	3	20	20	6000	2000	3000	0	9000	20	3	2	HEATER HC-07	2	
		3					0	0	0							
		5					0	0	0							
7	HEATER HC-08	7	3	20	20	9000	3000	2000	0	6000	20	3	8	HEATER HC-05	8	
		9					0	0	0							
		11					0	0	0							
13	HEATER HC-06	13	3	20	20	6000	2000	0	0	6000	20	3	14	HEATER HC-02	14	
		15					0	0	0							
		17					0	0	0							
19	HEATER HC-04	19	3	20	20	6000	2000	0	0	6319	20	3	20	SUPPLY CRANE MOTOR	20	
		21					0	0	0							
		23					0	0	0							
25	LIGHTS ROOM 202	25	1	20	20	1800	1800	0	0		20	1	26	SPARE	26	
27	OUTSIDE LTG.	27	1	20	20	550	0	550	0	180	20	1	28	EMERG BATT PACKS	28	
29	LIGHTS ROOM 203,209	29	1	20	20	1540	0	0	1540	4230	20	1	30	LIGHTS ROOM 204,205	30	
31	LIGHTS ROOM 208	31	1	20	20	188	188	0	0	919	20	1	32	LIGHTS ROOM 206,207,209	32	
33	ROLLUP DOORS	33	3	20	20	4489	1496	0	0	42	20	1	34	EXIT LIGHTS	34	
		35					0	0	0	1496	20	1	36	SPARE	36	
		37					0	0	0	1496	20	1	38	SPARE	38	
39	SPARE	39	1	20	20	0	0	0	0	0	20	1	40	SPARE	40	
41	SPARE	41	1	20	20	0	0	0	0	0	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		FEEDER		WIRE		BUS		LOAD SERVED				
DP-01	26	PHASE 3	WIRE 4	FEEDER 4*300KCMIL	MAIN 200A	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
							A	B	C							
1	HEATING BLANKET CART	1	3	40	40	27000	9000	6667	0	20000	30	3	2	CRYOPUMP REGENERATOR	2	
		3					0	0	0							
		5					0	0	0							
7	MAIN TURBO PUMP	7	1	20	20	400	400	0	0	0	20	1	8	SPARE	8	
9	SPARE	9					0	0	0							
11	SPARE	11					0	0	0							
13	SPARE	13					0	0	0							
15	SPARE	15	3	20	20	0	0	0	0	0	20	3	16	SPARE	16	
		17					0	0	0							
		19					0	0	0							
21	SPARE	21					0	0	0							
23	SPARE	23					0	0	0							
25	SPARE	25					0	0	0							
27	SPARE	27					0	0	0							
29	SPARE	29					0	0	0							
TOTAL						19667	15667	15667								
TOTAL CONNECTED LOAD (VA)						51001										
(AMPS)						61.5										

NOTE:
 1. PANELS DP-01, DP-02, VECA-01B AND VECA-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		FEEDER		WIRE		BUS		LOAD SERVED				
DP-01	19	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	MAIN 100A	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
							A	B	C							
1	RCPT ROOM 202	1	1	20	20	1080	0	0	0	900	20	1	2	RCPT ROOM 202	2	
3	SPARE	3	2	30	30	0	0	0	0	900	20	1	4	RCPT ROOM 203,204,205	4	
		5					0	0	0							
7	RCPT ROOM 206,207,208	7	1	20	20	900	900	0	0	240	20	1	8	EXHAUST FAN	8	
9	RCPT ROOM 203,204,205	9	1	20	20	720	0	720	0	0	20	1	10	SPARE	10	
11	RCPT ROOM 203	11	1	20	20	720	0	0	540	540	20	1	12	RCPT ROOM 203	12	
13	INCANDESCENT LTS	13	1	20	20	300	300	0	0	0	20	1	14	SPARE	14	
15	INCANDESCENT LTS	15	1	20	20	400	0	400	0	0	20	1	16	SPARE	16	
17	PROPANE W.C. IGNITOR	17	1	20	20	180	0	0	180	0	20	1	18	SPARE	18	
19	TRAP PRIMER	19	1	20	20	180	0	0	0	0	20	1	20	SPARE	20	
21	SPARE	21	1	20	20	0	0	0	0	0	20	1	22	SPARE	22	
23	SPARE	23	1	20	20	0	0	0	0	0	20	1	24	SPARE	24	
TOTAL						3600	2020	2520								
TOTAL CONNECTED LOAD (VA)						8140										
(AMPS)						22.1										

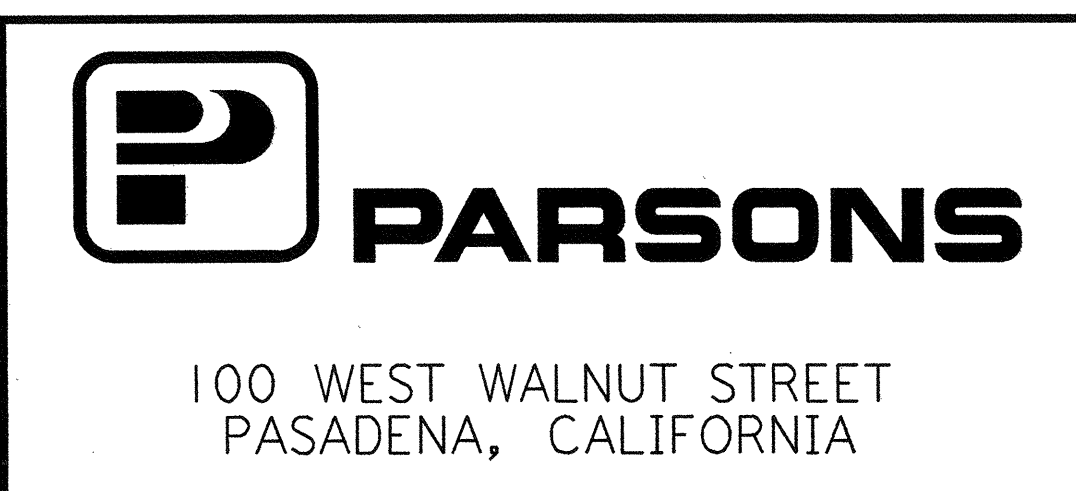
PANEL VEAC-02B		LOCATION ROOM 202										VOLTS 480Y/277V				
FED FROM	CKT #	MOUNTING Recessed		MAIN		FEEDER		WIRE		BUS		LOAD SERVED				
DP-01	31	PHASE 3	WIRE 4	FEEDER 4*1 & 1*6	MAIN 100A	BUS 125A										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	HEATING BLANKET CART	1	3	40	40	27000	9000	6667	0	20000	30	3	2	CRYOPUMP REGENERATOR	2	
		3					0	0	0							
		5					0	0	0							
7	MAIN TURBO PUMP 1	7	1	20	20	400	400	0	0	0	30	3	8	SPARE	8	
9	SPARE	9	1	20	20	0	0	0	0							
11	SPARE	11	1	20	20	0	0	0	0							
TOTAL						16067	15667	15667								
TOTAL CONNECTED LOAD (VA)						47401										
(AMPS)						57										

LIGO-D961029-02-0

NO.	DATE	BY	CHKD	ENGR	PROJ.	DESCRIPTION
2	8-7-98	JE	AK	MD	WJ	ISSUED FOR AS-BUILT
1	2-28-97	J.G.	RDC	KCR	T.D.M.	GENERAL REVISIONS

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

AS-BUILT DRAWINGS



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE	SCALE	CONTRACT NUMBER
ELECTRICAL END A AND B STATIONS PANEL SCHEDULES	NONE	PPI50969
		8094
SHEET NUMBER		REVISIONS
LA-E-205		

any other way, except by written consent from PARSONS to the borrower.

of PARSONS. They are loaned only with the borrower's expressed written agreement that they will