

PANEL DP_02		LOCATION ROOM 203		VOLTS 480Y/277V												
FED FROM	CKT #	MOUNTING Recessed		MAIN Main Lugs												
DP_01	20	PHASE 3		WIRE 4												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	HEATER	1	3			75000	25000	25000	25000	80000			3	2	HEATER	2
3		3					25000	25000	25000				4			
5		5											6			
7	HEATER	7	3			12000	4000	4000	4000	80000			3	8	HEATER	8
9		9					4000	4000	4000				10			
11		11											12			
13	HEATER	13	3			25000	8333	8333	8333	60000			3	14	HEATER	14
15		15					8333	8333	8333				16			
17		17											18			
19	HEATER	19	3			8000	2667	2667	2667	6319			3	20	SUPPLY CRANE MOTOR	20
21		21					2667	2667	2667				22			
23		23											24			
25	LIGHTS ROOM 202	25	1			1824	1284	0	0				1	26	Spare	26
27	OUTSIDE LTG. ROOM 209	27	1			622	0	0	0	50			1	28	EMERG BATT PACKS	28
29	LIGHTS ROOM 203,209	29	1			1547	0	0	0	3234			1	30	LIGHTS ROOM 204,205	30
31	LIGHTS ROOM 208	31	1			188	188	0	0	855			1	32	LIGHTS ROOM 206,207	32
33	ROLLUP DOORS	33	1			4489	1496	43	0	43			1	34	EXIT LIGHTS	34
35		35						1496	0				1	36	Spare	36
37		37							1496				1	38	Spare	38
39	Spare	39	1										1	40	Spare	40
41	Spare	41	1										1	42	Spare	42
TOTAL							53803	51651	55717							
TOTAL CONNECTED LOAD (VA)							161171									
(AMPS)							193.85									

NOTE 5 ON DWG WA-E-008.

PANEL VEAC_01B		LOCATION ROOM 203		VOLTS 480Y/277V													
FED FROM	CKT #	MOUNTING Recessed		MAIN Main Lugs													
		PHASE 3		WIRE 4													
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATING BLANKET CART	1	3			27000	9000	9000	9000	20000				3	2	CRYOPUMP REGENERATOR	2
3		3					9000	9000	9000					4			
5		5												6			
7	MAIN TURBO PUMP	7	1			400	400	0	0					8	Spare	8	
9	Spare	9					0	0	0					10	Spare	10	
11	Spare	11					0	0	0					12	Spare	12	
13	Spare	13					0	0	0					14	Spare	14	
15	HU-01 RM 203	15	3			14000	4667	4667	4667	14000				3	16	HU-02 RM 203	16
17		17					4667	4667	4667					18			
19		19												20			
21	Spare	21					0	0	0					22	Spare	22	
23	Spare	23					0	0	0					24	Spare	24	
25	Spare	25					0	0	0				1	26	Spare	26	
27	Spare	27					0	0	0				1	28	Spare	28	
29	Spare	29					0	0	0				1	30	Spare	30	
TOTAL							25401	25001	25001								
TOTAL CONNECTED LOAD (VA)							75403										
(AMPS)							90.69										

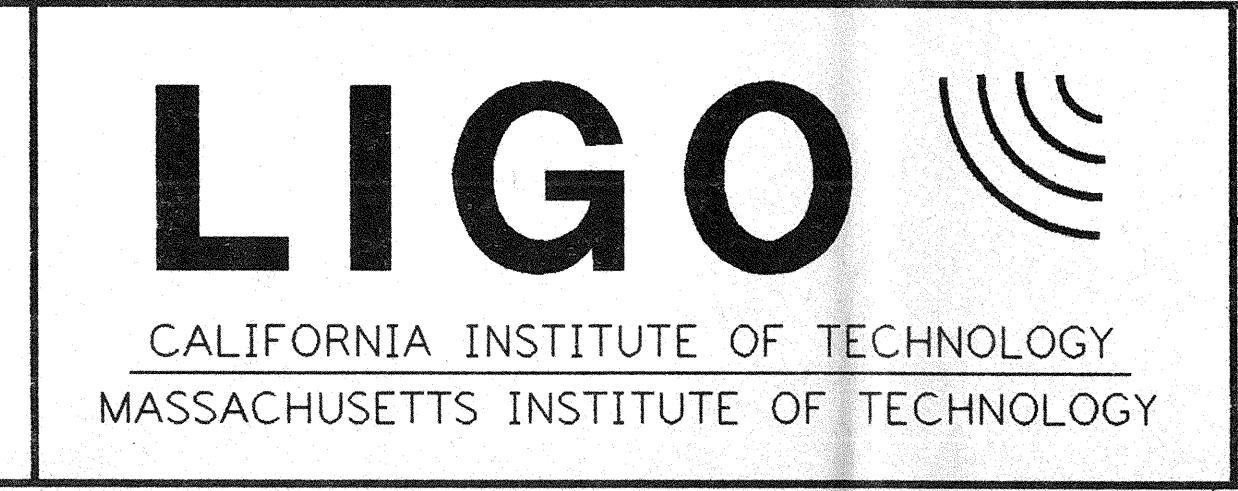
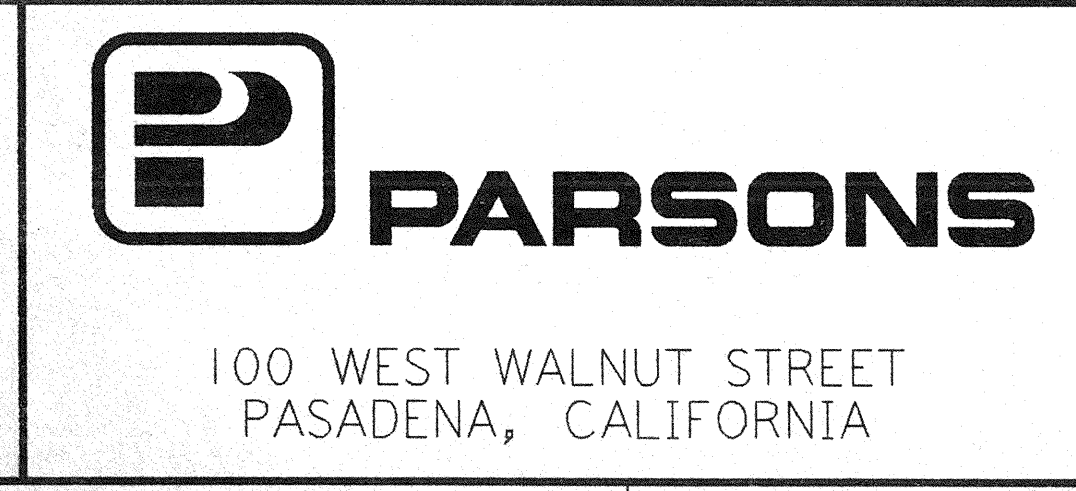
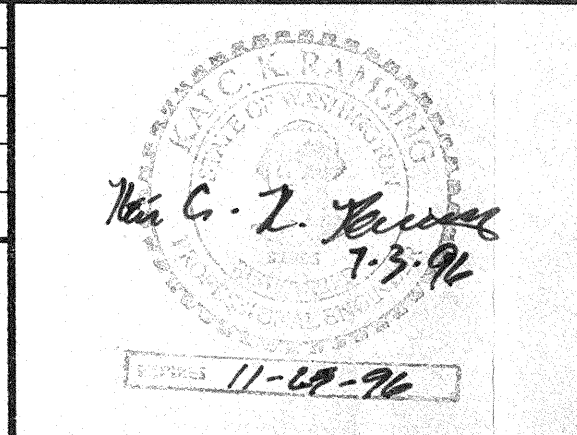
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PANEL RP_01		LOCATION ROOM 203		VOLTS 208Y/120V													
FED FROM	CKT #	MOUNTING Surface Mount		MAIN 100A													
DP_01	19	PHASE 3		WIRE 4													
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	RECP ROOM 202	1	1			1080	1080	0	0	900				1	2	RECP ROOM 202	2
3	INCINDELT	3	2			3600	0	1800	1800	900			1	4	RECP ROOM 203,204,205	4	
5		5					0	0	1080	1080				6	RECP ROOM 206,207,208	6	
7	RECP ROOM 206,207,208	7	1			900	900	0	0	240				8	EXHAUST FAN	8	
9	RECP ROOM 203,204,205	9	1			720	0	720	0				1	10	Spare	10	
11	RECP ROOM 203	11	1			720	0	0	720	540			1	12	RECP ROOM 203	12	
13	Spare	13	1				0	0	0				1	14	Spare	14	
15	Spare	15	1				0	0	0				1	16	Spare	16	
17	Spare	17	1				0	0	0				1	18	Spare	18	
19	Spare	19	1				0	0	0				1	20	Spare	20	
21	Spare	21	1				0	0	0				1	22	Spare	22	
23	Spare	23	1				0	0	0				1	24	Spare	24	
TOTAL							3120	3420	4140								
TOTAL CONNECTED LOAD (VA)							10770										
(AMPS)							29.89										

PANEL VEAC_02B		LOCATION ROOM 202		VOLTS 480Y/277V													
FED FROM	CKT #	MOUNTING Recessed		MAIN Main Lugs													
DP_01	31	PHASE 3		WIRE 4													
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATING BLANKET CART	1	3			27000	9000	9000	9000	20000				3	2	CRYOPUMP REGENERATOR	2
3		3					9000	9000	9000					4			
5		5												6			
7	MAIN TURBO PUMP 1	7	1			400	400	0	0					3	8		8
9	Spare	9					0	0	0					10			
11	Spare	11					0	0	0					12			
TOTAL							16067	15667	15667								
TOTAL CONNECTED LOAD (VA)							47401										
(AMPS)							57.0										

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	
DRAWN	M. M. 6-25-96
CHECKED	7-3-96
ENGINEER	7-5-96
PROJ	7-8-96



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON		
TITLE	SCALE	CONTRACT NUMBER
ELECTRICAL MID & END A STATIONS PANEL SCHEDULES	NONE	PP150969
SHEET NUMBER	PROJECT NUMBER	REVISIONS
WA-E-205	8094	