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PANEL VEAC-01		LOCATION LVEA RM 105			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			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	HEATER BLANKET CART	1	3	40	27000	9000 1233	9000 1233	9000 1233	3700	15	3	2	2	MAIN ROUGHING PUMP	2	
7	MAIN TURBO PUMP	7	1	15	400	400			27000	40	3	8	8	C-CC-PD-VEAC-07	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
13	SPARE	13	3	20					27000	40	3	14	14	C-CC-PD-VEAC-14	14	
19	SPACE	19										16				
21	SPACE	21										18				
23	SPACE	23										20		L-C-CC-T-VEAC-01	20	
25	SPACE	25										22				
27	SPACE	27										24				
29	SPACE	29										26				
TOTAL						38633	38233	38233								
TOTAL CONNECTED LOAD (VA)						114699										
TOTAL CONNECTED LOAD (AMPS)																

PANEL VEAC-04		LOCATION LVEA RM 102			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			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	HEATER BLANKET CART	1	3	40	27000	9000 1233	9000 1233	9000 1233	3700	15	3	2	2	MAIN ROUGHING PUMP	2	
7	MAIN TURBO PUMP	7	1	15	400	400			27000	40	3	8	8	C-CC-PD-VEAC-12	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
13	SUBFEED TO C-CC-PD-VEAC-06	13	3	100	67402	22467 9000	9000	9000	27000	40	3	14	14	C-CC-PD-VEAC-13	14	
19	SPACE	19										16				
21	SPACE	21										18				
23	SPACE	23										20		L-C-CC-T-VEAC-04	20	
25	SPACE	25										22				
27	SPACE	27										24				
29	SPACE	29										26				
TOTAL						66100	65700	65700								
TOTAL CONNECTED LOAD (VA)						197500										
TOTAL CONNECTED LOAD (AMPS)																

PANEL VEAC-02		LOCATION LVEA RM 104			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			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	HEATER BLANKET CART	1	3	40	27000	9000 1233	9000 1233	9000 1233	3700	15	3	2	2	MAIN ROUGHING PUMP	2	
7	MAIN TURBO PUMP	7	1	15	400	400			27000	40	3	8	8	C-CC-PD-VEAC-07	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
13	SPARE	13	3	20					27000	40	3	14	14	C-CC-PD-VEAC-14	14	
19	SPACE	19										16				
21	SPACE	21										18				
23	SPACE	23										20		L-C-CC-T-VEAC-02	20	
25	SPACE	25										22				
27	SPACE	27										24				
29	SPACE	29										26				
TOTAL						38233	38233	38233								
TOTAL CONNECTED LOAD (VA)						114699										
TOTAL CONNECTED LOAD (AMPS)																

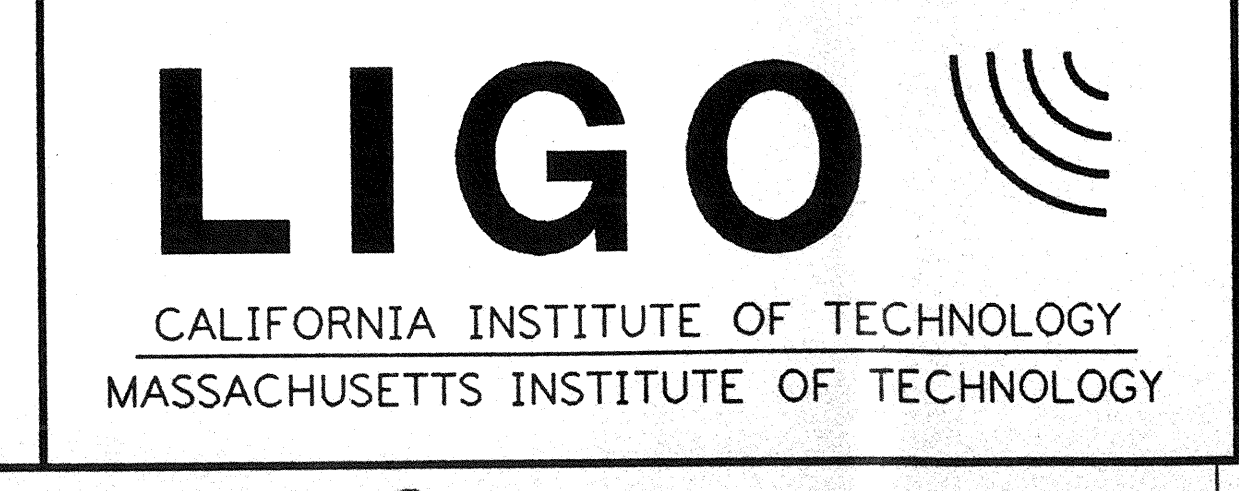
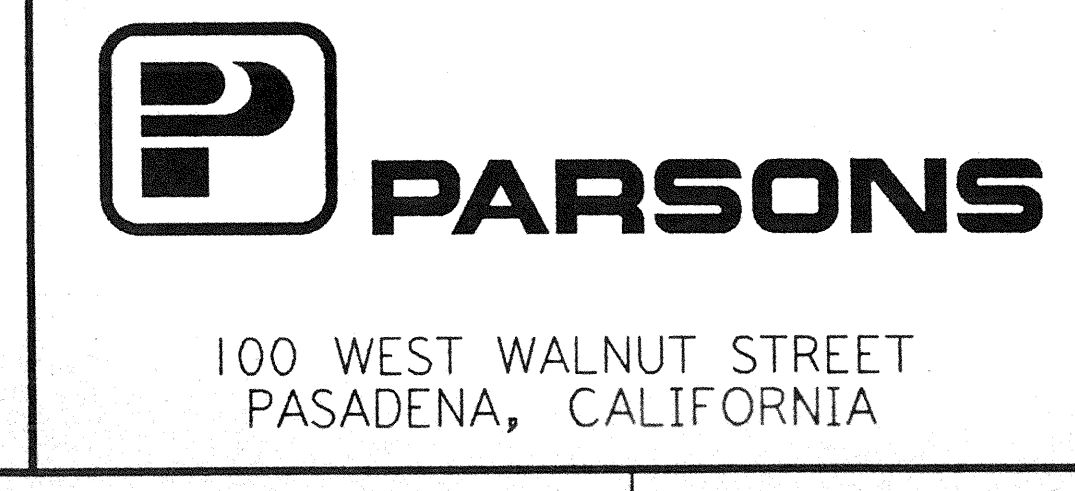
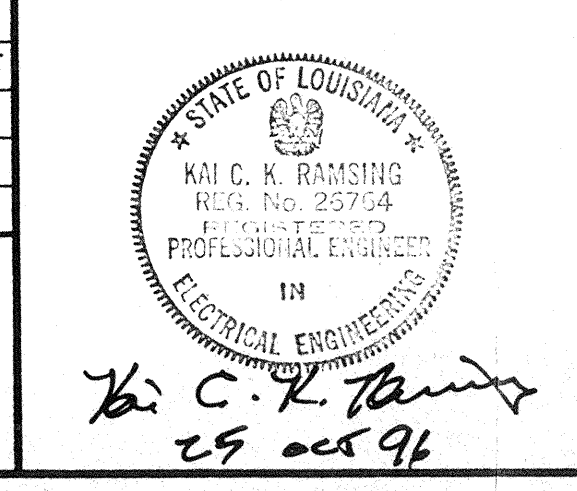
PANEL VEAC-05		LOCATION LVEA RM 103			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			100									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	HEATER BLANKET CART	1	3	15	20000	9000 6667	9000 6667	9000 6667	27000	40	3	2	2	CRYOPUMP REGENERATOR	2	
7	MAIN TURBO PUMP	7	1	15	400	400				40	3	8	8	SPACE	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
TOTAL						16067	15667	15667								
TOTAL CONNECTED LOAD (VA)						47401										
TOTAL CONNECTED LOAD (AMPS)																

PANEL VEAC-03		LOCATION LVEA RM 103			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			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	HEATER BLANKET CART	1	3	40	27000	9000 1233	9000 1233	9000 1233	3700	15	3	2	2	MAIN ROUGHING PUMP	2	
7	MAIN TURBO PUMP	7	1	15	400	400			27000	40	3	8	8	C-CC-PD-VEAC-12	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
13	SUBFEED TO C-CC-PD-VEAC-05	13	3	20	67402	22467 9000	9000	9000	27000	40	3	14	14	C-CC-PD-VEAC-13	14	
19	SPACE	19										16				
21	SPACE	21										18				
23	SPACE	23										20		L-C-CC-T-VEAC-03	20	
25	SPACE	25										22				
27	SPACE	27										24				
29	SPACE	29										26				
TOTAL						66100	65700	65700								
TOTAL CONNECTED LOAD (VA)						197500										
TOTAL CONNECTED LOAD (AMPS)																

PANEL VEAC-06		LOCATION LVEA RM 102			VOLTS 480Y/277V											
FED FROM	CKT #	MOUNTING	PHASE	WIRE	FEEDER	MAIN	BUS									
		RECESSED	3	4			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	HEATER BLANKET CART	1	3	15	20000	9000 6667	9000 6667	9000 6667	27000	40	3	2	2	CRYOPUMP REGENERATOR	2	
7	MAIN TURBO PUMP	7	1	15	400	400				40	3	8	8	SPACE	8	
9	SPARE	9	1	15								10				
11	SPARE	11	1	20								12				
TOTAL						16067	15667	15667								
TOTAL CONNECTED LOAD (VA)						47401										
TOTAL CONNECTED LOAD (AMPS)																

DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION
DRAWN M.M. 11-15-96
CHECKED JCL 7-24-96
ENGINEER KCL 10-25-96
PROJ. [Signature] 11/15/96



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA			
TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	NONE	PP150969	8094
SHEET NUMBER	LA-E-118		REVISED