

PANEL VEAC-17		LOCATION LVEA RM 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	PURGE AIR COMPRESSOR (61 KVA)	1	3	90	61000	20333	20333	20333	20333	6000	15	3	2	2	TURBO VACUUM BACKING PUMP (8 KVA)	2
3		3				2667	2667	2667	2667				4			
5		5											6			
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3	80	52000	17333	17333	17333	17333	6000	15	3	8	8	TURBO VACUUM BACKING PUMP (8 KVA)	8
9		9				2667	2667	2667	2667				10			
11		11											12			
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3	80	52000	17333	17333	17333	17333		15	1	14	14	SPARE	14
15		15									20	1	16	16	SPARE	16
17		17									20	1	18	18	SPARE	18
19	SPACE	19											20	20	SPACE	20
21	SPACE	21											22	22	SPACE	22
23	SPACE	23											24	24	SPACE	24
25	SPACE	25											26	26	SPACE	26
27	SPACE	27											28	28	SPACE	28
29	SPACE	29											30	30	SPACE	30
TOTAL						60333	60333	60333								
TOTAL CONNECTED LOAD (VA)						180999										
(AMPS)																

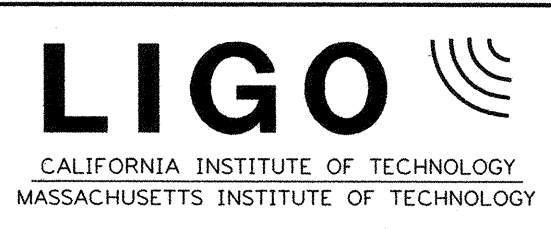
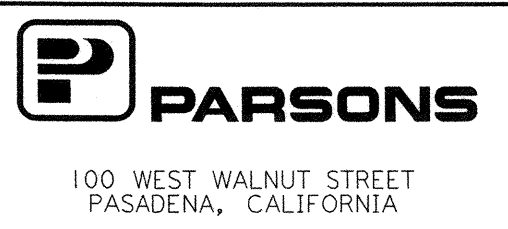
PANEL VEAC-17A		LOCATION LVEA RM 107										VOLTS 208Y/120V				
FED FROM	CKT #	MOUNTING RECESSED										MAIN				
		PHASE 3	WIRE 4	FEEDER			BUS 225									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	MAIN ION PUMP POWER SUPPLY NO. 1 (1.9 KVA)	1	3	15	1900	633	633	633	633	1900	15	3	2	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2
3		3											4			
5		5											6			
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	3	15	1900	633	633	633	633	1900	15	3	8	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8
9		9											10			
11		11											12			
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	3	15	1900	633	633	633	633	1900	15	3	14	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14
15		15											16			
17		17											18			
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3	15	1900	633	633	633	633	1900	15	3	20	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20
21		21											22			
23		23											24			
25	VACUUM EQUIPMENT RACK NO. 1	25	1	20	1920	1000	1000	1000	1000	1000	15	1	26	26	VACUUM GAUGE POWER SUPPLY	26
27	VACUUM EQUIPMENT RACK NO. 2	27	1	20	1920	1000	1000	1000	1000	1000	15	1	28	28	SPACE	28
29	VACUUM EQUIPMENT FUTURE	29	1	20	1920	1920	1920	1920	1920	1920	20	1	30	30	SPACE	30
31	VACUUM EQUIPMENT FUTURE	31	1	20	1920	1920	1920	1920	1920	1920	20	3	32	32	SPACE	32
33	SPACE	33											34			
35	SPACE	35											36			
37	MAIN BREAKER (BACKFEED TO BUS)	37	3	225									38	38	SPACE	38
39		39											40	40	SPACE	40
41		41											42	42	SPACE	42
TOTAL						9904	6984	6984								
TOTAL CONNECTED LOAD (VA)						23872										
(AMPS)																

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	8-7-98	JE	AK	AK	WJ	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION  
 DRAWN M.M. 11-15-96  
 CHECKED JCL 7-24-96  
 ENGINEER KCR 10-25-96  
 PROJ T.D.M. 11-15-96  
**AS-BUILT DRAWINGS**



LIGO-D961022-01-0 LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	SOURCE NONE	CONTRACT NUMBER PPI50969
SHEET NUMBER LA-E-120	PROJECT NUMBER 8094	REVISIONS