

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	2667		8000	15	3	2	TURBO VACUUM BACKING PUMP (8 KVA)	2	
3		3					20333	2667				4				
5		5					20333	2667				6				
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3		80	52000	17333	2667		8000	15	3	8	TURBO VACUUM BACKING PUMP (8 KVA)	8	
9		9					17333	2667				10				
11		11					17333	2667				12				
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3		80	52000	17333			15	1	14	14	SPARE	14	
15		15					17333			20	1	16	16	SPARE	16	
17		17					17333			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)																

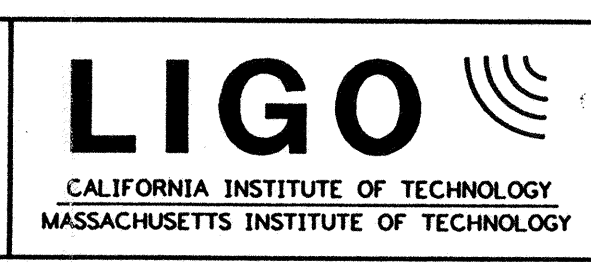
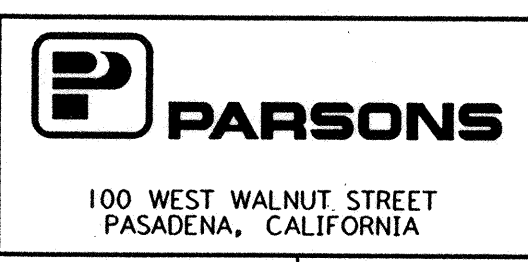
PANEL VEAC-17A		LOCATION LVEA RM 107										VOLTS 208Y/120V				
FED FROM	CKT #	MOUNTING RECESSED										MAIN				
		PHASE 3	WIRE 4	FEEDER				BUS 225								
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	MAIN ION PUMP POWER SUPPLY NO. 1 (1.9 KVA)	1	3		15	1900	633			1900	15	3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2	
3		3					633					4				
5		5					633					6				
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	3		15	1900	633			1900	15	3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8	
9		9					633					10				
11		11					633					12				
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	3		15	1900	633			1900	15	3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14	
15		15					633					16				
17		17					633					18				
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3		15	1900	633			1900	15	3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20	
21		21					633					22				
23		23					633					24				
25	VACUUM EQUIPMENT BACK NO. 1	25	1		20	1920	1920			1000	15	1	26	VACUUM GAUGE POWER SUPPLY	26	
27	VACUUM EQUIPMENT BACK NO. 2	27	1		20	1920		1920			15	1	28	SPARE	28	
29	VACUUM EQUIPMENT FUTURE	29	1		20	1920			1920		20	1	30	SPARE	30	
31	VACUUM EQUIPMENT FUTURE	31	1		20	1920					20	3	32	SPARE	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
B	7-24-96	MM	JCL	TDM		ISSUED FOR BID
A	6-14-96	MM	JCL	KR	TDM	FINAL DESIGN REVIEW

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

100 WEST WALNUT STREET
PASADENA, CALIFORNIA



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA		
TITLE	SCALE	PROJECT NUMBER
ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	NONE	PP150969 8094
SHEET NUMBER		REVISION
LA-E-120		

Tue Jul 23 17:53:20 1996 S3-V18B2 J:\PLOTS\QUEUES\V18B2\EE120.PR