



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	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	PURGE AIR COMPRESSOR (61 KVA)	1	3	60	61000	20333 2667	20333 2667	20333 2667	8000	20	3	2	TURBO VACUUM BACKING PUMP (8 KVA)	2		
3		3														
5		5														
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3	8	40	52000	17333 2667	17333 2667	8000	20	3	8	TURBO VACUUM BACKING PUMP (8 KVA)	8		
9		9														
11		11														
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3	8	40	52000	17333	17333	20	20	1	14	SPARE	14		
15		15					17333		20	20	1	16	SPARE	16		
17		17					17333		20	20	1	18	SPARE	18		
19	SPACE	19										20	SPACE	20		
21	SPACE	21										22	SPACE	22		
23	SPACE	23										24	SPACE	24		
25	SPACE	25										26	SPACE	26		
27	SPACE	27										28	SPACE	28		
29	SPACE	29										30	SPACE	30		
TOTAL						60333	60333	60333								
TOTAL CONNECTED LOAD (VA)						180999										
(AMPS)						217.7										

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	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	MAIN ION PUMP POWER SUPPLY NO. 1 (1.9 KVA)	1	1	20	1900	633 633	633 633	633 633	1900	20	3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2		
3		3	1	20			633 633									
5		5	1	20			633 633									
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	1	20	1900	633 633	633 633	633 633	1900	20	3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8		
9		9	1	20			633 633									
11		11	1	20			633 633									
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	1	20	1900	633 633	633 633	633 633	1900	20	3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14		
15		15	1	20			633 633									
17		17	1	20			633 633									
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3	20	1900	633 633	633 633	633 633	1900	20	3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20		
21		21					633 633									
23		23					633 633									
25	VACUUM EQUIPMENT BACK NO. 1	25	1	20	1920	1920 1000	1920	1920	1000	20	12	1	VACUUM GAUGE POWER SUPPLY	26		
27	VACUUM EQUIPMENT BACK NO. 2	27	1	20	1920		1920						SPACE	28		
29	VACUUM EQUIPMENT FUTURE	29	1	20	1920		1920						SPACE	30		
31	VACUUM EQUIPMENT FUTURE	31	1	20	1920	1920					30	3	SPACE	32		
33	SPACE	33														
35	SPACE	35														
37	MAIN BREAKER (BACKFEED TO BUS)	37	3	100							30	3	SPACE	38		
39		39														
41		41														
TOTAL						9904	6984	6984								
TOTAL CONNECTED LOAD (VA)						23872										
(AMPS)						66.26										

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REVISIONS 1 6-15-98 J.G. <i>yr</i> <i>K</i> <i>PK</i> ISSUED FOR AS-BUILT		AS-BUILT DRAWINGS		ISSUED FOR CONSTRUCTION DRAWN M.M. 6-25-96 CHECKED J.K. 7-3-96 ENGINEER K.R. 7-3-96 PROJ M.D.W. 7-8-96		 100 WEST WALNUT STREET PASADENA, CALIFORNIA		 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		LIGO-D960409-01-0 LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON	
DRAWING NO.		DESCRIPTION		DRAWING NO.		DESCRIPTION		TITLE: ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES SCALE: NONE CONTRACT NUMBER: PPI50969 PROJECT NUMBER: 8094 SHEET NUMBER: WA-E-120		REVISIONS 1	