

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			8000	20		3	2	TURBO VACUUM BACKING PUMP (8 KVA)	2
		3					20333 2667						4			
		5					20333 2667						6			
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3	8	40	52000	17333 2667			8000	20		3	8	TURBO VACUUM BACKING PUMP (8 KVA)	8
		9					17333 2667						10			
		11					17333 2667						12			
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3	8	40	52000	17333				20		1	14	SPARE	14
		15					17333				20		1	16	SPARE	16
		17									20		1	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)							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			1900	20		3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2
		3	1				633						4			
		5	1				633						6			
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	1		20	1900	633			1900	20		3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8
		9	1				633						10			
		11	1				633						12			
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	1		20	1900	633			1900	20		3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14
		15	1				633						16			
		17	1				633						18			
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3		20	1900	633			1900	20		3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20
		21					633						22			
		23					633						24			
25	VACUUM EQUIPMENT BACK NO. 1	25	1		20	1920	1920			1000	20	12	1	26	VACUUM GAUGE POWER SUPPLY	26
27	VACUUM EQUIPMENT BACK NO. 2	27	1		20	1920	1920						28	28	SPACE	28
29	VACUUM EQUIPMENT FUTURE	29	1		20	1920	1920						30	30	SPACE	30
31	VACUUM EQUIPMENT FUTURE	31	1		20	1920	1920					30	3	32	SPACE	32
33	SPACE	33											34	34		34
35	SPACE	35											36	36		36
37	MAIN BREAKER (BACKFEED TO BUS)	37	3		100							30	3	38	SPACE	38
		39											40	40		40
		41											42	42		42
TOTAL							9904	6984	6984							
TOTAL CONNECTED LOAD (VA)							23872									
(AMPS)							66.26									

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	6-15-98	J. G.				ISSUED FOR AS-BUILT

AS-BUILT DRAWINGS
 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

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



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LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

ELECTRICAL
CORNER STATION LVEA
VEAC
PANEL SCHEDULES

NONE PPI50969 8094
WA-E-120

LIGO-D960409-01-O