

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			61000	20333	20333	20333	8000		3	2	TURBO VACUUM BACKING PUMP (8 KVA)	2	
		3					20333	20333	20333			4				
		5					20333	20333	20333			6				
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3			52000	17333	17333	17333	8000		3	8	TURBO VACUUM BACKING PUMP (8 KVA)	8	
		9					17333	17333	17333			10				
		11					17333	17333	17333			12				
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3			52000	17333	17333	17333				14	SPARE	14	
		15					17333					16		SPARE	16	
		17						17333				18		SPARE	18	
		19										20		SPACE	20	
19	SPACE	19										22		SPACE	22	
21	SPACE	21										24		SPACE	24	
23	SPACE	23										26		SPACE	26	
25	SPACE	25										28		SPACE	28	
27	SPACE	27										30		SPACE	30	
29	SPACE	29										32		SPACE	32	
29	SPACE	29										34		SPACE	34	
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	3			1900	633	633	633	1900		3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2	
		3					633	633	633			4				
		5					633	633	633			6				
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	3			1900	633	633	633	1900		3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8	
		9					633	633	633			10				
		11					633	633	633			12				
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	3			1900	633	633	633	1900		3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14	
		15					633	633	633			16				
		17					633	633	633			18				
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3			1900	633	633	633	1900		3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20	
		21					633	633	633			22				
		23					633	633	633			24				
25	VACUUM EQUIPMENT BACK NO. 1	25	1			1920	1000			1000		1	26	VACUUM GAUGE POWER SUPPLY	26	
27	VACUUM EQUIPMENT BACK NO. 2	27	1			1920		1920					28	SPACE	28	
29	VACUUM EQUIPMENT FUTURE	29	1			1920		1920					30	SPACE	30	
31	VACUUM EQUIPMENT FUTURE	31	1			1920	1920						32	SPACE	32	
33	SPACE	33											34	SPACE	34	
35	SPACE	35											36	SPACE	36	
37	MAIN BREAKER (BACKFEED TO BUS)	37	3										38	SPACE	38	
		39											40	SPACE	40	
		41											42	SPACE	42	
TOTAL							9904	6984	6984							
TOTAL CONNECTED LOAD (VA)							23872									
(AMPS)							66.26									

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION
 DRAWN M.M. 6-25-96
 CHECKED [Signature] 7-3-96
 ENGINEER [Signature] 7-3-96
 PROJ [Signature] 7-12-96



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

ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES

SCALE: NONE CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094
 SHEET NUMBER: WA-E-120 REVISIONS: