

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	2667	20333	8000		3	2	TURBO VACUUM BACKING PUMP (8 KVA)	2	
		3					20333	2667	20333			3	4			
		5					20333	2667	20333			3	6			
7	ROUGH VACUUM BACKING PUMP (52 KVA)	7	3			52000	17333	2667	17333	8000		3	8	TURBO VACUUM BACKING PUMP (8 KVA)	8	
		9					17333	2667	17333			3	10			
		11					17333	2667	17333			3	12			
13	ROUGH VACUUM BACKING PUMP (52 KVA)	13	3			52000	17333					3	14	SPARE	14	
		15					17333					3	16	SPARE	16	
		17						17333				3	18	SPARE	18	
19	SPACE	19										3	20	SPACE	20	
21	SPACE	21										3	22	SPACE	22	
23	SPACE	23										3	24	SPACE	24	
25	SPACE	25										3	26	SPACE	26	
27	SPACE	27										3	28	SPACE	28	
29	SPACE	29										3	30	SPACE	30	
TOTAL							60333	60333	60333							
TOTAL CONNECTED LOAD (VA)							180999									
TOTAL CONNECTED LOAD (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	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	1900		3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2	
		3					633		633			3	4			
		5					633		633			3	6			
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	3			1900	633		633	1900		3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8	
		9					633		633			3	10			
		11					633		633			3	12			
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	3			1900	633		633	1900		3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14	
		15					633		633			3	16			
		17					633		633			3	18			
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3			1900	633		633	1900		3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20	
		21					633		633			3	22			
		23					633		633			3	24			
25	VACUUM EQUIPMENT BACK NO. 1	25	1			1920	1920		1920	1000		1	26	VACUUM GAUGE POWER SUPPLY	26	
27	VACUUM EQUIPMENT BACK NO. 2	27	1			1920		1920				1	28	SPACE	28	
29	VACUUM EQUIPMENT FUTURE	29	1			1920		1920				1	30	SPACE	30	
31	VACUUM EQUIPMENT FUTURE	31	1			1920	1920					1	32	SPACE	32	
33	SPACE	33										1	34	SPACE	34	
35	SPACE	35										1	36	SPACE	36	
37	MAIN BREAKER (BACKFEED TO BUS)	37	3									3	38	SPACE	38	
		39										3	40	SPACE	40	
		41										3	42	SPACE	42	
TOTAL							9904	6984	6984							
TOTAL CONNECTED LOAD (VA)							23872									
TOTAL CONNECTED LOAD (AMPS)																

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Date Received: 4-19-96	LIGO-D960409-A-D Contractor # WA-E-120 Rev. A
TIM #: 28	LIGO-C960857-00-V
Date: 4/19/96	Approved: <i>[Signature]</i>
TDM #:	LIGO-
Date: / /	Approved:
Gen'l Transmittal	LIGO-
Date: / /	Approved:

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	J.G.	J.G.	J.G.	J.G.	FINAL DESIGN REVIEW & BID

DRAWN	J.G.
CHECKED	
ENGINEER	
PROJ	

**PARSONS**  
100 WEST WALNUT STREET  
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LASER INTERFEROMETER  
GRAVITATIONAL-WAVE OBSERVATORY  
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES

SHEET NUMBER: NONE PPI50969 8094

PROJECT NUMBER: WA-E-120

LIGO-D960409-A-D 1