

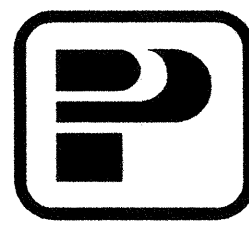
PANEL VEAC-17		LOCATION LVEA RM 107										VOLTS 480Y/277V				
FED FROM	CKT #	MOUNTING RECESSED										MAIN				
		PHASE 3			WIRE 4			FEEDER				BUS 225				
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	PURGE AIR COMPRESSOR (61 KVA)	1	3		90	61000	20333	2667	20333	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	SPARE	14	
15		15					17333			20		1	16	SPARE	16	
17		17					17333			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									
TOTAL (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	633	633	1900	15		3	2	MAIN ION PUMP POWER SUPPLY NO. 5 (1.9 KVA)	2
3		3					633	633	633				4			
5		5					633	633	633				6			
7	MAIN ION PUMP POWER SUPPLY NO. 2 (1.9 KVA)	7	3		15	1900	633	633	633	1900	15		3	8	MAIN ION PUMP POWER SUPPLY NO. 6 (1.9 KVA)	8
9		9					633	633	633				10			
11		11					633	633	633				12			
13	MAIN ION PUMP POWER SUPPLY NO. 3 (1.9 KVA)	13	3		15	1900	633	633	633	1900	15		3	14	MAIN ION PUMP POWER SUPPLY NO. 7 (1.9 KVA)	14
15		15					633	633	633				16			
17		17					633	633	633				18			
19	MAIN ION PUMP POWER SUPPLY NO. 4 (1.9 KVA)	19	3		15	1900	633	633	633	1900	15		3	20	MAIN ION PUMP POWER SUPPLY NO. 8 (1.9 KVA)	20
21		21					633	633	633				22			
23		23					633	633	633				24			
25	VACUUM EQUIPMENT BACK NO. 1	25	1		20	1920	1000		1000	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	1920				20		3	32	SPARE	32
33	SPACE	33											34			
35	SPACE	35											36			
37	MAIN BREAKER (BACKFEED TO BUS)	37	3		225								38	SPACE	38	
39		39											40	SPACE	40	
41		41											42	SPACE	42	
TOTAL							9904	6984	6984							
TOTAL CONNECTED LOAD (VA)							23872									
TOTAL (AMPS)																

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	8-7-98	JE	D.K.	dk	MM	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION
 DRAWN M.M. 11-15-96
 CHECKED JCL 7-24-96
 ENGINEER KCF 10-25-96
 PROJ T.D.M. 11-15-96
AS-BUILT DRAWINGS



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LIGO-D961022-01-O

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	NONE	PP150969	8094
SHEET NUMBER			REVISIONS
LA-E-120			