DATE: 06/15:96 TIME: 22:54:56
DESIGN FILE: I:\ligo\site2\ee\lae120.d3z

PANEL VEAC-17 | FED FROM | CKT # |

LOCATION LVEA RM 107 | MOUNTING RECESSED | PHASE 3 | WIRE 4 | FEEDER | BUS 225 | VOLTS 480Y/277V | MAIN

CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	PURGE AIR COMPRESSOR (61 KVA)	1	3		90	61000	20333 2667			8000	15		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		80	52000	17333 2667			8000	15		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		80	52000	17333				15		1	14	SPARE	14
		15				—		17333			20		1	16	SPARE	16
		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
(AMPS)

PANEL VEAC-17A | FED FROM | CKT # |

LOCATION LVEA RM 107 | MOUNTING RECESSED | PHASE 3 | WIRE 4 | FEEDER | BUS 225 | VOLTS 208Y/120V | MAIN

CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	MAIN ION PUMP POWER SUPPLY NO.1 (1.9 KVA)	1	3		15	1900	633 633			1900	15		3	2	MAIN ION PUMP POWER SUPPLY NO.5 (1.9 KVA)	2
		3				—		633 633		—				4		
		5				—			633 633	—				6		
7	MAIN ION PUMP POWER SUPPLY NO.2 (1.9 KVA)	7	3		15	1900	633 633			1900	15		3	8	MAIN ION PUMP POWER SUPPLY NO.6 (1.9 KVA)	8
		9				—		633 633		—				10		
		11				—			633 633	—				12		
13	MAIN ION PUMP POWER SUPPLY NO.3 (1.9 KVA)	13	3		15	1900	633 633			1900	15		3	14	MAIN ION PUMP POWER SUPPLY NO.7 (1.9 KVA)	14
		15				—		633 633		—				16		
		17				—			633 633	—				18		
19	MAIN ION PUMP POWER SUPPLY NO.4 (1.9 KVA)	19	3		15	1900	633 633			1900	15		3	20	MAIN ION PUMP POWER SUPPLY NO.8 (1.9 KVA)	20
		21				—		633 633		—				22		
		23				—			633 633	—				24		
25	VACUUM EQUIPMENT RACK NO.1	25	1		20	1920	1920 1000			1000	15		1	26	VACUUM GAUGE POWER SUPPLY	26
27	VACUUM EQUIPMENT RACK 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				—								40	SPACE	40
		41				—								42	SPACE	42
						TOTAL	9904	6984	6984							

TOTAL CONNECTED LOAD (VA) 23872
(AMPS)

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LIGO-D961022-A-O

REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	6-14-96	Proj	JCL	TDM		FINAL DESIGN REVIEW

DRAWN	M.M.	
CHECKED		
ENGINEER		
PROJ		

PARSONS
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PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE: ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: LA-E-120
REVISIONS: A

LIGOLAF3.BOR

JUN/07/1996/SUN/22:54:56/ACAD/I:\ligo\site2\ee\lae120.d3z