DATE: 07/23:96 TIME: 17:51:34
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PANEL VEAC-01A

FED FROM: CKT #:

LOCATION: LVEA RM 105 — MOUNTING: RECESSED — PHASE: 3 — WIRE: 4 — FEEDER: — BUS: 100 — 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	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1		20	1920	1920 2867			8600	30		3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1		20	1920		1920 2867		—				4		
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1		15	1400			1400 2867	—				6		
7	SPACE	7					1920			5800	20		3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8
9	SPARE	9	1		15			1920		—				10		
11	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	11	1		15	1400			1400 1920	—				12		
13	SPACE	13												14	SPACE	14
15	SPACE	15												16	SPACE	16
17	SPACE	17												18	SPACE	18
19	MAIN BREAKER (BACKFEED TO BUS)	19	3		100	—	950			950	20		1	20	RECEPTACLES TRAP PRIMER	20
		21				—		750		1500	15		2	22	L-CS-136-WH-05 (1.5 KVA)	22
		23				—			750	—				24	L-CS-136-WH-05 (1.5 KVA)	
		25												26		
		27												28		
		29												30		
						TOTAL	7671	7471	7471							

TOTAL CONNECTED LOAD (VA): 22613
(AMPS):

PANEL VEAC-02A

FED FROM: CKT #:

LOCATION: LVEA RM 104 — MOUNTING: RECESSED — PHASE: 3 — WIRE: 4 — FEEDER: — BUS: 100 — 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	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1		20	1920	1920 2867			8600	30		3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1		20	1920		1920 2867		—				4		
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1		15	1400			1400 2867	—				6		
7	SPACE	7					1934			5800	20		3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8
9	SPARE	9	1		15			1934		—				10		
11	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	11	1		15	1400			1400 1934	—				12		
13	SPACE	13												14	SPACE	14
15	SPACE	15												16	SPACE	16
17	SPACE	17												18	SPACE	18
19	MAIN BREAKER (BACKFEED TO BUS)	19	3		100	—	820			820	20		1	20	RECEPTACLES TRAP PRIMER	20
		21				—		750		1500	15		2	22	L-CS-136-WH-04 (1.5 KVA)	22
		23				—			750	—				24	L-CS-136-WH-04 (1.5 KVA)	
		25												26		
		27												28		
		29												30		
						TOTAL	7541	7471	8351							

TOTAL CONNECTED LOAD (VA): 23363
(AMPS):

PANEL VEAC-03A

FED FROM: CKT #:

LOCATION: LVEA RM 103 — 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	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1		20	1920	1920 2867			8600	30		3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1		20	1920		1920 2867		—				4		
5	SPACE	5							1400 2867	—				6		
7	SPACE	7					1934			5800	20		3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8
9	SPARE	9	1		20			1934		—				10		
11	SPARE	11	1		20				1934	—				12		
13	SPACE	13									20		1	14	SPARE	14
15	SPACE	15									20		1	16	SPARE	16
17	SPACE	17									20		1	18	SPARE	18
19	SPACE	19					950			950	20		1	20	RECEPTACLES TRAP PRIMER	20
21	SPACE	21						750		1500	15		2	22	L-CS-136-WH-03 (1.5 KVA)	22
23	SPACE	23							750	—				24	L-CS-136-WH-03 (1.5 KVA)	
25	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	25	1		20	1920	1920 2867			8600	30		3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26
27	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	27	1		20	1920		1920 2867		—				28		
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1		20	1400			1400 2867	—				30		
31	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	31	1		20	1400	1400 1934			5800	20		3	32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32
33	SPACE	33						1934		—				34		
35	SPACE	35							1934	—				36		
37	MAIN BREAKER (BACKFEED TO BUS)	37	3		150	—					20		1	38	SPARE	38
		39				—					20		1	40	SPARE	40
		41				—					20		1	42	SPARE	42
						TOTAL	15792	14192	11752							

TOTAL CONNECTED LOAD (VA): 41736
(AMPS):

PANEL VEAC-04A

FED FROM: CKT #:

LOCATION: LVEA RM 103 — 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	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1		20	1920	1920 2867			8600	30		3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1		20	1920		1920 2867		—				4		
5	SPACE	5							2867	—				6		
7	SPACE	7					1934			5800	20		3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8
9	SPARE	9	1		20			1934		—				10		
11	SPARE	11	1		20				1934	—				12		
13	SPACE	13									20		1	14	SPARE	14
15	SPACE	15						1150		1150	15		1	16	COMMUNICATIONS SUMP PUMP	16
17	SPACE	17									20		1	18	SPARE	18
19	SPACE	19					1180			1180	20		1	20	RECEPTACLES TRAP PRIMER	20
21	SPACE	21						750		1500	15		2	22	L-CS-136-WH-06 (1.5 KVA)	22
23	SPACE	23							750	—				24	L-CS-136-WH-06 (1.5 KVA)	
25	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	25	1		20	1920	1920 2867			8600	20		3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26
27	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	27	1		20	1920		1920 2867		—				28		
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1		20	1400			1400 2867	—				30		
31	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	31	1		20	1400	1400 1934			5800	20		3	32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32
33	SPACE	33						1934		—				34		
35	SPACE	35							1934	—				36		
37	MAIN BREAKER (BACKFEED TO BUS)	37	3		150	—					20		1	38	SPARE	38
		39				—					20		1	40	SPARE	40
		41				—					20		1	42	SPARE	42
						TOTAL	16022	15342	11752							

TOTAL CONNECTED LOAD (VA): 43116
(AMPS):

REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	7-24-96	MM	JCL	TDM	TDM	ISSUED FOR BID
A	6-14-96	MM	JCL	KR	TDM	FINAL DESIGN REVIEW

DRAWN	M. M.	
CHECKED		
ENGINEER		
PROJ		

PARSONS
100 WEST WALNUT STREET
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: NONE — CONTRACT NUMBER: PP150969 — PROJECT NUMBER: 8094
SHEET NUMBER: LA-E-119 — REVISIONS: A

LIGO-D961021-B-O

LIGOLAF3.BDR

Tue Jul 23 17:49:36 1996 S3-V18B2 J:\PLOTS\QUEUES\V18B2\EE119.PRF