DATE: 08/12/98 TIME: 14:08:23
DESIGN FILE: I:\ligo\site2\ee\loel21.d3z

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PANEL 102-CDSAC-01

FED FROM: | CKT #:
LOCATION: LVEA RM 102
MOUNTING: RECESSED
VOLTS: 208Y/120V
MAIN:
PHASE: 3 WIRE: 4 FEEDER: BUS: 225

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	CDS RACK POWER CIRCUIT NO.1	1	1		20	1920	1920			1920	20		1	2	CDS RACK POWER CIRCUIT NO.2	2
3	CDS RACK POWER CIRCUIT NO.3	3	1		20	1920		1920		1920	20		1	4	CDS RACK POWER CIRCUIT NO.4	4
5	CDS RACK POWER CIRCUIT NO.5	5	1		20	1920			1920	1920	20		1	6	CDS RACK POWER CIRCUIT NO.6	6
7	CDS RACK POWER CIRCUIT NO.7	7	1		20	1920	1920			1920	20		1	8	CDS RACK POWER CIRCUIT NO.8	8
9	CDS RACK POWER CIRCUIT NO.9	9	1		20	1920		1920		1920	20		1	10	CDS RACK POWER CIRCUIT NO.10	10
11	CDS RACK POWER CIRCUIT NO.11	11	1		20	1920			1920	1920	20		1	12	CDS RACK POWER CIRCUIT NO.12	12
13	CDS RACK POWER CIRCUIT NO.13	13	1		20	1920	1920			1920	20		1	14	CDS RACK POWER CIRCUIT NO.14	14
15	CDS RACK POWER CIRCUIT NO.15	15	1		20	1920		1920		1920	20		1	16	CDS RACK POWER CIRCUIT NO.16	16
17	CDS RACK POWER CIRCUIT NO.17	17	1		20	1920			1920	1920	20		1	18	CDS RACK POWER CIRCUIT NO.18	18
19	CDS RACK POWER CIRCUIT NO.19	19	1		20	1920	1920			1920	20		1	20	CDS RACK POWER CIRCUIT NO.20	20
21	CDS RACK POWER CIRCUIT NO.21	21	1		20	1920		1920		1920	20		1	22	CDS RACK POWER CIRCUIT NO.22	22
23	CDS RACK POWER CIRCUIT NO.23	23	1		20	1920			1920	1920	20		1	24	CDS RACK POWER CIRCUIT NO.24	24
25	CDS RACK POWER CIRCUIT NO.25	25	1		20	1920	1920			1920	20		1	26	CDS RACK POWER CIRCUIT NO.26	26
27	CDS RACK POWER CIRCUIT NO.27	27	1		20	1920		1920		1920	20		1	28	CDS RACK POWER CIRCUIT NO.28	28
29	CDS RACK POWER CIRCUIT NO.29	29	1		20	1920			1920	1920	20		1	30	CDS RACK POWER CIRCUIT NO.30	30
31	CDS RACK POWER CIRCUIT NO.31	31	1		20	1920	1920			1920	20		1	32	CDS RACK POWER CIRCUIT NO.32	32
33	CDS RACK POWER CIRCUIT NO.33	33	1		20	1920		1920		1920	20		1	34	CDS RACK POWER CIRCUIT NO.34	34
35	CDS RACK POWER CIRCUIT NO.35	35	1		20	1920			1920	1920	20		1	36	CDS RACK POWER CIRCUIT NO.36	36
37	SPARE	37	1		20						20		1	38	SPARE	38
39	SPARE	39	1		20						20		1	40	SPARE	40
41	SPARE	41	1		20						20		1	42	SPARE	42
						TOTAL	23040	23040	23040							

TOTAL CONNECTED LOAD (VA): 69120
(AMPS):

• WITH ISOLATED 200% NEUTRAL BUS

PANEL 103-CDSAC-01

FED FROM: | CKT #:
LOCATION: LVEA RM 103
MOUNTING: RECESSED
VOLTS: 208Y/120V
MAIN:
PHASE: 3 WIRE: 4 FEEDER: BUS: 225

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	CDS RACK POWER CIRCUIT NO.1	1	1		20	1920	1920			1920	20		1	2	CDS RACK POWER CIRCUIT NO.2	2
3	CDS RACK POWER CIRCUIT NO.3	3	1		20	1920		1920		1920	20		1	4	CDS RACK POWER CIRCUIT NO.4	4
5	CDS RACK POWER CIRCUIT NO.5	5	1		20	1920			1920	1920	20		1	6	CDS RACK POWER CIRCUIT NO.6	6
7	CDS RACK POWER CIRCUIT NO.7	7	1		20	1920	1920			1920	20		1	8	CDS RACK POWER CIRCUIT NO.8	8
9	CDS RACK POWER CIRCUIT NO.9	9	1		20	1920		1920		1920	20		1	10	CDS RACK POWER CIRCUIT NO.10	10
11	CDS RACK POWER CIRCUIT NO.11	11	1		20	1920			1920	1920	20		1	12	CDS RACK POWER CIRCUIT NO.12	12
13	CDS RACK POWER CIRCUIT NO.13	13	1		20	1920	1920			1920	20		1	14	CDS RACK POWER CIRCUIT NO.14	14
15	CDS RACK POWER CIRCUIT NO.15	15	1		20	1920		1920		1920	20		1	16	CDS RACK POWER CIRCUIT NO.16	16
17	CDS RACK POWER CIRCUIT NO.17	17	1		20	1920			1920	1920	20		1	18	CDS RACK POWER CIRCUIT NO.18	18
19	CDS RACK POWER CIRCUIT NO.19	19	1		20	1920	1920			1920	20		1	20	CDS RACK POWER CIRCUIT NO.20	20
21	CDS RACK POWER CIRCUIT NO.21	21	1		20	1920		1920		1920	20		1	22	CDS RACK POWER CIRCUIT NO.22	22
23	CDS RACK POWER CIRCUIT NO.23	23	1		20	1920			1920	1920	20		1	24	CDS RACK POWER CIRCUIT NO.24	24
25	CDS RACK POWER CIRCUIT NO.25	25	1		20	1920	1920			1920	20		1	26	CDS RACK POWER CIRCUIT NO.26	26
27	CDS RACK POWER CIRCUIT NO.27	27	1		20	1920		1920		1920	20		1	28	CDS RACK POWER CIRCUIT NO.28	28
29	CDS RACK POWER CIRCUIT NO.29	29	1		20	1920			1920	1920	20		1	30	CDS RACK POWER CIRCUIT NO.30	30
31	CDS RACK POWER CIRCUIT NO.31	31	1		20	1920	1920			1920	20		1	32	CDS RACK POWER CIRCUIT NO.32	32
33	CDS RACK POWER CIRCUIT NO.33	33	1		20	1920		1920		1920	20		1	34	CDS RACK POWER CIRCUIT NO.34	34
35	SPARE	35	1		20						20		1	36	SPARE	36
37	SPARE	37	1		20						20		1	38	SPARE	38
39	SPARE	39	1		20						20		1	40	SPARE	40
41	SPARE	41	1		20						20		1	42	SPARE	42
						TOTAL	23040	23040	19200							

TOTAL CONNECTED LOAD (VA): 65280
(AMPS):

• WITH ISOLATED 200% NEUTRAL BUS

PANEL 104-CDSAC-01

FED FROM: | CKT #:
LOCATION: LVEA RM 104
MOUNTING: RECESSED
VOLTS: 208Y/120V
MAIN:
PHASE: 3 WIRE: 4 FEEDER: BUS: 225

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	CDS RACK POWER CIRCUIT NO.1	1	1		20	1920	1920			1920	20		1	2	CDS RACK POWER CIRCUIT NO.2	2
3	CDS RACK POWER CIRCUIT NO.3	3	1		20	1920		1920		1920	20		1	4	CDS RACK POWER CIRCUIT NO.4	4
5	CDS RACK POWER CIRCUIT NO.5	5	1		20	1920			1920	1920	20		1	6	CDS RACK POWER CIRCUIT NO.6	6
7	CDS RACK POWER CIRCUIT NO.7	7	1		20	1920	1920			1920	20		1	8	CDS RACK POWER CIRCUIT NO.8	8
9	CDS RACK POWER CIRCUIT NO.9	9	1		20	1920		1920		1920	20		1	10	CDS RACK POWER CIRCUIT NO.10	10
11	CDS RACK POWER CIRCUIT NO.11	11	1		20	1920			1920	1920	20		1	12	CDS RACK POWER CIRCUIT NO.12	12
13	CDS RACK POWER CIRCUIT NO.13	13	1		20	1920	1920			1920	20		1	14	CDS RACK POWER CIRCUIT NO.14	14
15	CDS RACK POWER CIRCUIT NO.15	15	1		20	1920		1920		1920	20		1	16	CDS RACK POWER CIRCUIT NO.16	16
17	CDS RACK POWER CIRCUIT NO.17	17	1		20	1920			1920	1920	20		1	18	CDS RACK POWER CIRCUIT NO.18	18
19	CDS RACK POWER CIRCUIT NO.19	19	1		20	1920	1920			1920	20		1	20	CDS RACK POWER CIRCUIT NO.20	20
21	SPARE	21	1		20						20		1	22	SPARE	22
23	SPARE	23	1		20						20		1	24	SPARE	24
25	SPARE	25	1		20									26	SPARE	26
27	SPACE	27												28	SPACE	28
29	SPACE	29												30	SPACE	30
31	SPACE	31												32	SPACE	32
33	SPACE	33												34	SPACE	34
35	SPACE	35												36	SPACE	36
37	SPACE	37												38	SPACE	38
39	SPACE	39												40	SPACE	40
41	SPACE	41												42	SPACE	42
						TOTAL	15360	11520	11520							

TOTAL CONNECTED LOAD (VA): 38400
(AMPS):

• WITH ISOLATED 200% NEUTRAL BUS

PANEL 105-CDSAC-01

FED FROM: | CKT #:
LOCATION: LVEA RM 105
MOUNTING: RECESSED
VOLTS: 208Y/120V
MAIN:
PHASE: 3 WIRE: 4 FEEDER: BUS: 225

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	CDS RACK POWER CIRCUIT NO.1	1	1		20	1920	1920			1920	20		1	2	CDS RACK POWER CIRCUIT NO.2	2
3	CDS RACK POWER CIRCUIT NO.3	3	1		20	1920		1920		1920	20		1	4	CDS RACK POWER CIRCUIT NO.4	4
5	CDS RACK POWER CIRCUIT NO.5	5	1		20	1920			1920	1920	20		1	6	CDS RACK POWER CIRCUIT NO.6	6
7	CDS RACK POWER CIRCUIT NO.7	7	1		20	1920	1920			1920	20		1	8	CDS RACK POWER CIRCUIT NO.8	8
9	CDS RACK POWER CIRCUIT NO.9	9	1		20	1920		1920		1920	20		1	10	CDS RACK POWER CIRCUIT NO.10	10
11	CDS RACK POWER CIRCUIT NO.11	11	1		20	1920			1920	1920	20		1	12	CDS RACK POWER CIRCUIT NO.12	12
13	CDS RACK POWER CIRCUIT NO.13	13	1		20	1920	1920			1920	20		1	14	CDS RACK POWER CIRCUIT NO.14	14
15	CDS RACK POWER CIRCUIT NO.15	15	1		20	1920		1920		1920	20		1	16	CDS RACK POWER CIRCUIT NO.16	16
17	CDS RACK POWER CIRCUIT NO.17	17	1		20	1920			1920	1920	20		1	18	CDS RACK POWER CIRCUIT NO.18	18
19	SPARE	19	1		20						20		1	20	SPARE	20
21	SPARE	21	1		20						20		1	22	SPARE	22
23	SPARE	23	1		20									24	SPACE	24
25	SPACE	25												26	SPACE	26
27	SPACE	27												28	SPACE	28
29	SPACE	29												30	SPACE	30
31	SPACE	31												32	SPACE	32
33	SPACE	33												34	SPACE	34
35	SPACE	35												36	SPACE	36
37	SPACE	37												38	SPACE	38
39	SPACE	39												40	SPACE	40
41	SPACE	41												42	SPACE	42
						TOTAL	11520	11520	11520							

TOTAL CONNECTED LOAD (VA): 34560
(AMPS):

• WITH ISOLATED 200% NEUTRAL BUS

LIGO-D961023-01-O

REFERENCES

DRAWING NO. | DESCRIPTION

REVISIONS

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

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

AS-BUILT DRAWINGS

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 CDSAC PANEL SCHEDULES

SCALE: NONE | CONTRACT NUMBER: PP150969 | PROJECT NUMBER: 8094
SHEET NUMBER: LA-E-121 | REVISIONS: 1

LIGOLAF3.BDR

Wed Aug 12 14:07:52 1998 C:\PLOTTOOLS\33-V3882.DF 52085 K:\V3882\eel21.prf