PANEL 102-CDSAC-01

FED FROM | CKT #

LOCATION LVEA RM 102 — MOUNTING RECESSED — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — MAIN — BUS 225

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CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	TRIP	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		2	28	CDS RACK POWER CIRCUIT NO.28	28
29	CDS RACK POWER CIRCUIT NO.29	29	1		20	1920			1920	1920	—			30	CDS RACK POWER CIRCUIT NO.30	30
31	CDS RACK POWER CIRCUIT NO.31	31	1		20	1920	1920			1920	20		3	32	CDS RACK POWER CIRCUIT NO.32	32
33	CDS RACK POWER CIRCUIT NO.33	33	1		20	1920		1920		1920	—			34	CDS RACK POWER CIRCUIT NO.34	34
35	CDS RACK POWER CIRCUIT NO.35	35	1		20	1920			1920	1920	—			36	CDS RACK POWER CIRCUIT NO.36	36
37	SPARE	37			20						20		3	38	SPARE	38
39	SPARE	39			20						—			40	SPARE	40
41	SPARE	41			20						—			42	SPARE	42
						TOTAL	23040	23040	23040							

TOTAL CONNECTED LOAD (VA) 69120

(AMPS) 191.85

* ISOLATED 200% NEUTRAL BUS

PANEL 103-CDSAC-01

FED FROM | CKT #

LOCATION LVEA RM 103 — MOUNTING RECESSED — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — MAIN — BUS 225

*

CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	TRIP	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			20						20			36	SPARE	36
37	SPARE	37			20						20			38	SPARE	38
39	SPARE	39			20						20			40	SPARE	40
41	SPARE	41			20						20			42	SPARE	42
						TOTAL	23040	23040	19200							

TOTAL CONNECTED LOAD (VA) 65280

(AMPS) 181.19

* ISOLATED 200% NEUTRAL BUS

PANEL 104-CDSAC-01

FED FROM | CKT #

LOCATION LVEA RM 104 — MOUNTING RECESSED — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — MAIN — BUS 225

*

CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
1	CDS RACK POWER CIRCUIT NO.1	1				1920	1920			1920				2	CDS RACK POWER CIRCUIT NO.2	2
3	CDS RACK POWER CIRCUIT NO.3	3				1920		1920		1920				4	CDS RACK POWER CIRCUIT NO.4	4
5	CDS RACK POWER CIRCUIT NO.5	5				1920			1920	1920				6	CDS RACK POWER CIRCUIT NO.6	6
7	CDS RACK POWER CIRCUIT NO.7	7				1920	1920			1920				8	CDS RACK POWER CIRCUIT NO.8	8
9	CDS RACK POWER CIRCUIT NO.9	9				1920		1920		1920				10	CDS RACK POWER CIRCUIT NO.10	10
11	CDS RACK POWER CIRCUIT NO.11	11				1920			1920	1920				12	CDS RACK POWER CIRCUIT NO.12	12
13	CDS RACK POWER CIRCUIT NO.13	13				1920	1920			1920				14	CDS RACK POWER CIRCUIT NO.14	14
15	CDS RACK POWER CIRCUIT NO.15	15				1920		1920		1920				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			20						20		1	22	SPARE	22
23	SPARE	23			20						20		1	24	SPARE	24
25	SPARE	25			20						20		1	26	SPARE	26
27	SPACE	27			20						20		1	28	SPACE	28
29	SPACE	29			20						20		1	30	SPACE	30
31	SPACE	31			20						20		1	32	SPACE	32
33	SPACE	33			20						20		1	34	SPACE	34
35	SPACE	35			20						20		1	36	SPACE	36
37	SPACE	37			20						20		1	38	SPACE	38
39	SPACE	39			20						20		1	40	SPACE	40
41	SPACE	41			20						20		1	42	SPACE	42
						TOTAL	15360	11520	11520							

TOTAL CONNECTED LOAD (VA) 38400

(AMPS) 106.58

* ISOLATED 200% NEUTRAL BUS

PANEL 105-CDSAC-01

FED FROM | CKT #

LOCATION LVEA RM 105 — MOUNTING RECESSED — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — MAIN — BUS 225

*

CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA) A	B	C	VOLT AMPS	TRIP	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) 202.51

* ISOLATED 200% NEUTRAL BUS

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REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	6-15-98	J.G.				ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION

DRAWN	M.M.	6-25-96
CHECKED	J.K.	7-3-96
ENGINEER	K.R.	7-3-96
PROJ	M.D.W.	7-8-96

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. I - HANFORD, WASHINGTON

TITLE: ELECTRICAL CORNER STATION LVEA CDSAC PANEL SCHEDULES

SCALE: NONE — CONTRACT NUMBER: PP150969 — PROJECT NUMBER: 8094

SHEET NUMBER: WA-E-121 — REVISIONS: 1

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