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LIGO-096041-00-01 ELECTRICAL GROUNDING SHEET 1

5

MOTOR GROUNDING (1) REF
N. T. S.

ITEM NO.	QTY	DESCRIPTION
1	1	SERVIT POST, #2-#2/0 WIRES, BURNDY KCC26
2	1	CONNECTOR, TWO #4-#2/0 WIRE FLAT BAR, BURNDY TYPE GCM26 (LONGER BOLT AS REQ'D)

4

SWITCHGEAR OR MCC GROUNDING (2) REF
N. T. S.

ITEM NO.	QTY	DESCRIPTION
1	AR	MOLD HORIZONTAL TEE, #4/0-#4/0 WIRE
2	1	CARTRIDGE, STANDARD POWDER 150 GRAMS
3	1	FLUSH PLATE, #4/0 WIRE SIZE, 3/8\"/>

3

COMPOSITE BUILDING PANEL GROUNDING (3) REF
N. T. S.

ITEM NO.	QTY	DESCRIPTION
1	1	BOLT, 3/8\"/>

2

GROUNDING CONNECTIONS (4) REF
N. T. S.

TYPE	WIRE SIZE	HOLE DIA.	TAPPED HOLE SIZE
A	#4/0	#4/0	#4/0
B	#4/0	#2/0	#4/0
C	#4/0	#2	#4/0
D	#2	#2	#4/0
E	#2	#4	#4/0
F	#2/0	#2/0	#4/0
G	#2/0	#2	#4/0
H	#1/0	#1/0	#4/0

ITEM NO.	QTY	DESCRIPTION
1	1	THERMAL WELD, GROUND, SIZE AS REQUIRED
2	1	GROUND CONNECTOR, CABLE TO BAR, SIZE AS REQUIRED
3	1	GROUND POST, SIZE AS REQUIRED
4	AR	TYPE "TW" INSULATED GREEN GROUND WIRE (UNLESS OTHERWISE NOTED)

5

FLUSH FLOOR GROUND PLATE (5) REF
N. T. S.

ITEM NO.	QTY	DESCRIPTION
1	1	GROUND PLATE, FLUSH, CADWELD #B16420

REFERENCES NO. DATE BY CHKD ENGR PROJ DESCRIPTION	REVISIONS NO. DATE BY CHKD ENGR PROJ DESCRIPTION	ISSUED FOR CONSTRUCTION DRAWN M.M. 11-15-96 CHECKED JCL 7-28-96 ENGINEER RL 10-25-96 PROJ 2/2/99 11/15/91		<p>100 WEST WALNUT STREET PASADENA, CALIFORNIA</p>	<p>CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p>	LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 2 - LIVINGSTON, LOUISIANA TITLE: ELECTRICAL GROUNDING SHEET 1 SCALE: NONE CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094 SHEET NUMBER: LA-E-405
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