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

ITEM NO.	QTY	DESCRIPTION
1	1	SERVIT POST, #2-#2/0 WIRES, BURINDY K2C26
2	1	CONNECTOR, TWO #4-#2/0 WIRE FLAT BAR, BURINDY 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\"/>
4	2	LUG, #1/0-#2/0 WIRE x 3/8\"/>
5	2	SILICONE-BRONZE BOLT, 3/8\"/>
6	2	SILICONE-BRONZE LOCKWASHER SPRING 3/8\"/>

3

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

ITEM NO.	QTY	DESCRIPTION
1	1	BOLT, 3/8\"/>
2	1	LOCKWASHER, 3/8\"/>
3	1	NUT, 3/8\"/>
4	1	LUG, BOLTED CLAMP TYPE, BRONZE

2

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

TYPE	WIRE SIZE	HOLE DIA.	TAPPED HOLE
A	#4/0	#4/0	3/8\"/>
B	#4/0	#2/0	1/2\"/>
C	#4/0	#2	1/2\"/>
D	#2	#2	1/2\"/>
E	#2	#4	1/2\"/>
F	#2/0	#2/0	1/2\"/>
G	#2/0	#2	1/2\"/>
H	#1/0	#1/0	1/2\"/>

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)

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 7-24-96 ENGINEER KCR 10-25-96 PROJ T.D.M. 11-15-96	AS-BUILT DRAWINGS	100 WEST WALNUT STREET PASADENA, CALIFORNIA	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	LIGO-D961041-01-0 LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO.2 - LIVINGSTON, LOUISIANA
				TITLE: ELECTRICAL GROUNDING DETAILS SHEET 1		SCALE: NONE CONTRACT NUMBER: PPI50969 PROJECT NUMBER: 8094 SHEET NUMBER: LA-E-405

Wed Aug 12 13:48:49 1998 C:\PLOT\OUE\53-9662\20F 52085 KLV26B2\ee405.plt LIGOLAF.BDR