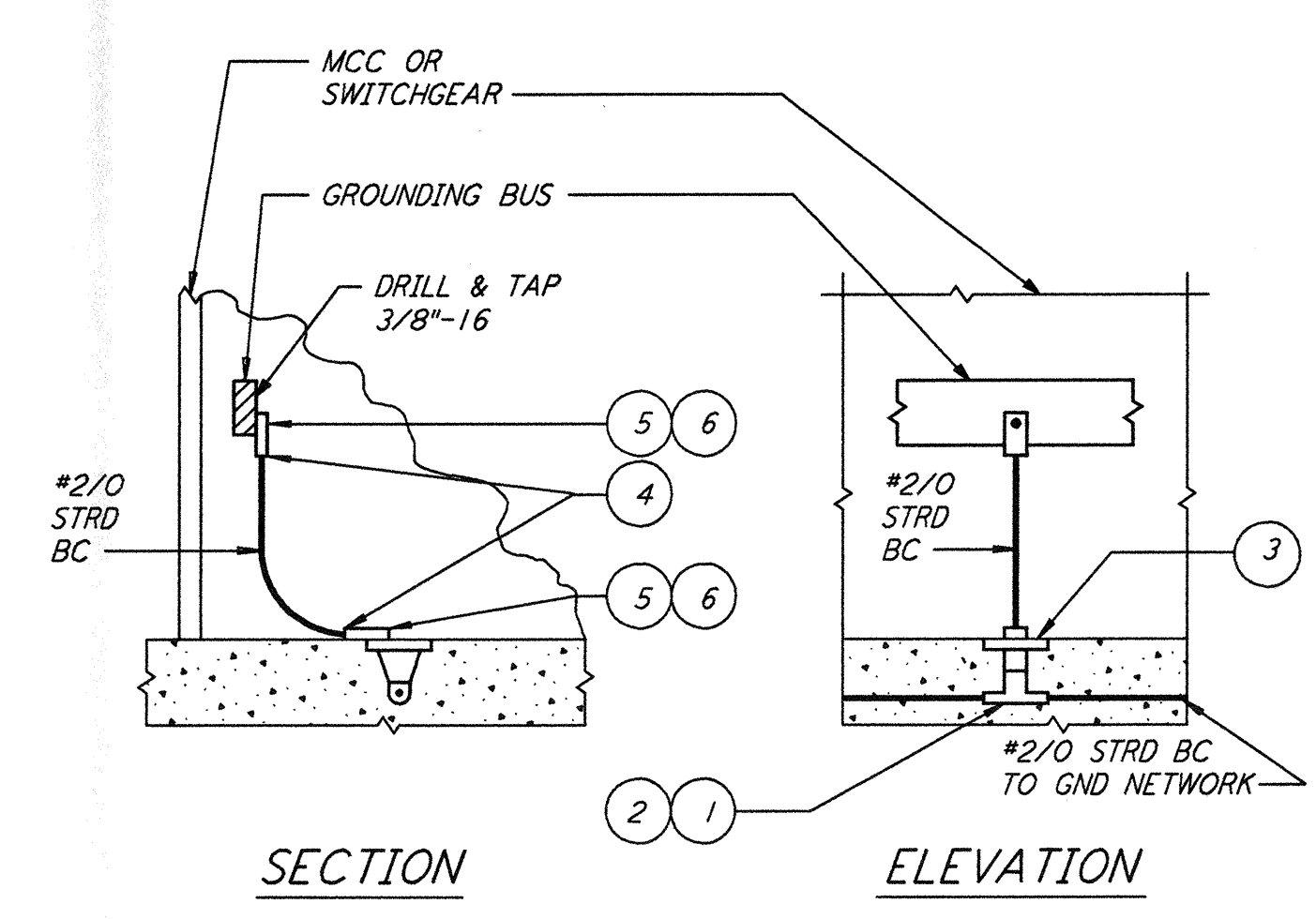


LIST OF MATERIAL

ITEM NO.	QTY	DESCRIPTION
1	1	SERVIT POST, #2-#2/0 WIRES, BURNDY K2C26
2	1	CONNECTOR, TWO #4-#2/0 WIRE FLAT BAR, BURNDY TYPE GCM26 (LONGER BOLT AS REQD)

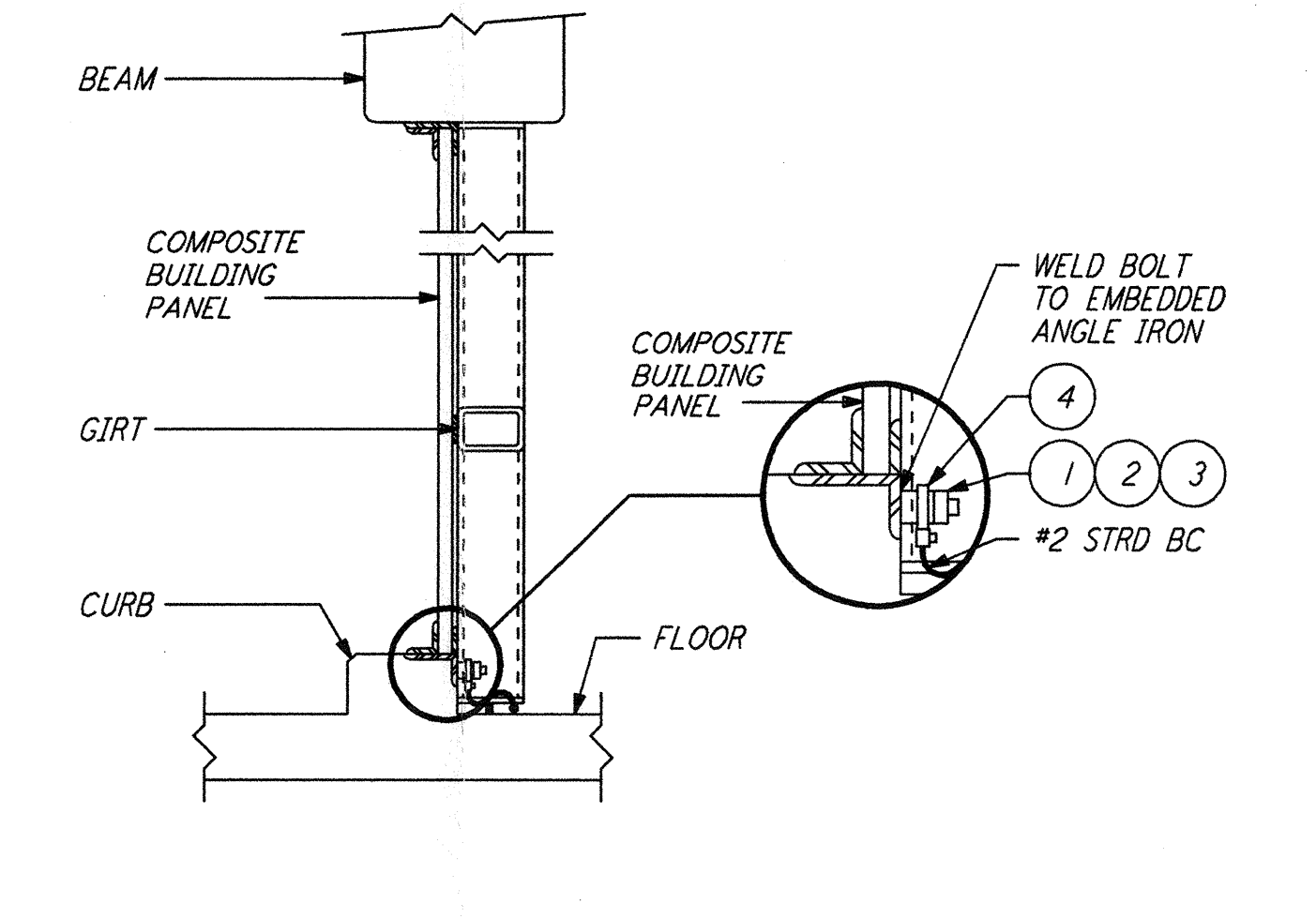
MOTOR GROUNDING (1) REF
 N. T. S.



LIST OF MATERIAL

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\"/>

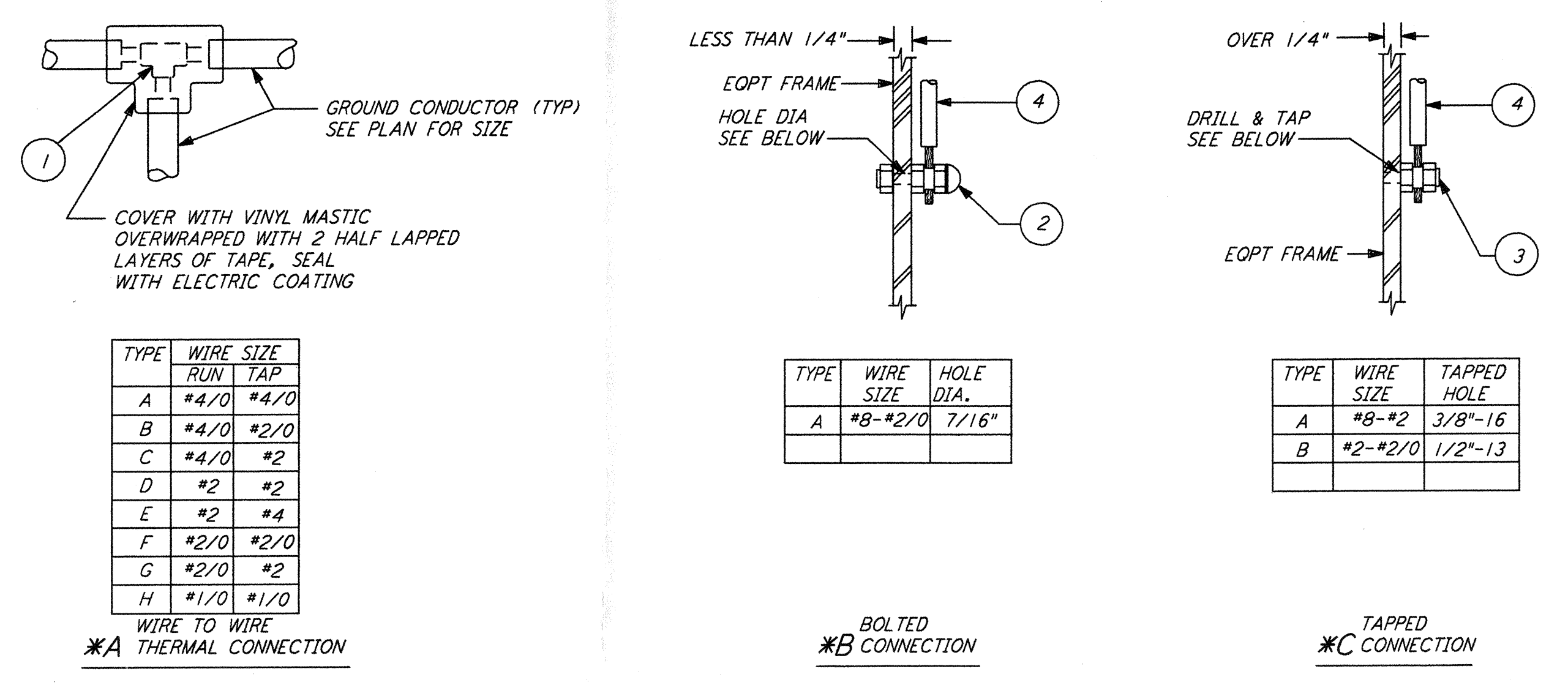
SWITCHGEAR OR MCC GROUNDING (2) REF
 N. T. S.



LIST OF MATERIAL

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

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



WIRE TO WIRE THERMAL CONNECTION

TYPE	WIRE SIZE RUN	TAP
A	#4/0	#4/0
B	#4/0	#2/0
C	#4/0	#2
D	#2	#2
E	#2	#4
F	#2/0	#2/0
G	#2/0	#2
H	#1/0	#1/0

BOLTED CONNECTION

TYPE	WIRE SIZE	HOLE DIA.
A	#8-#2/0	7/16\"/>

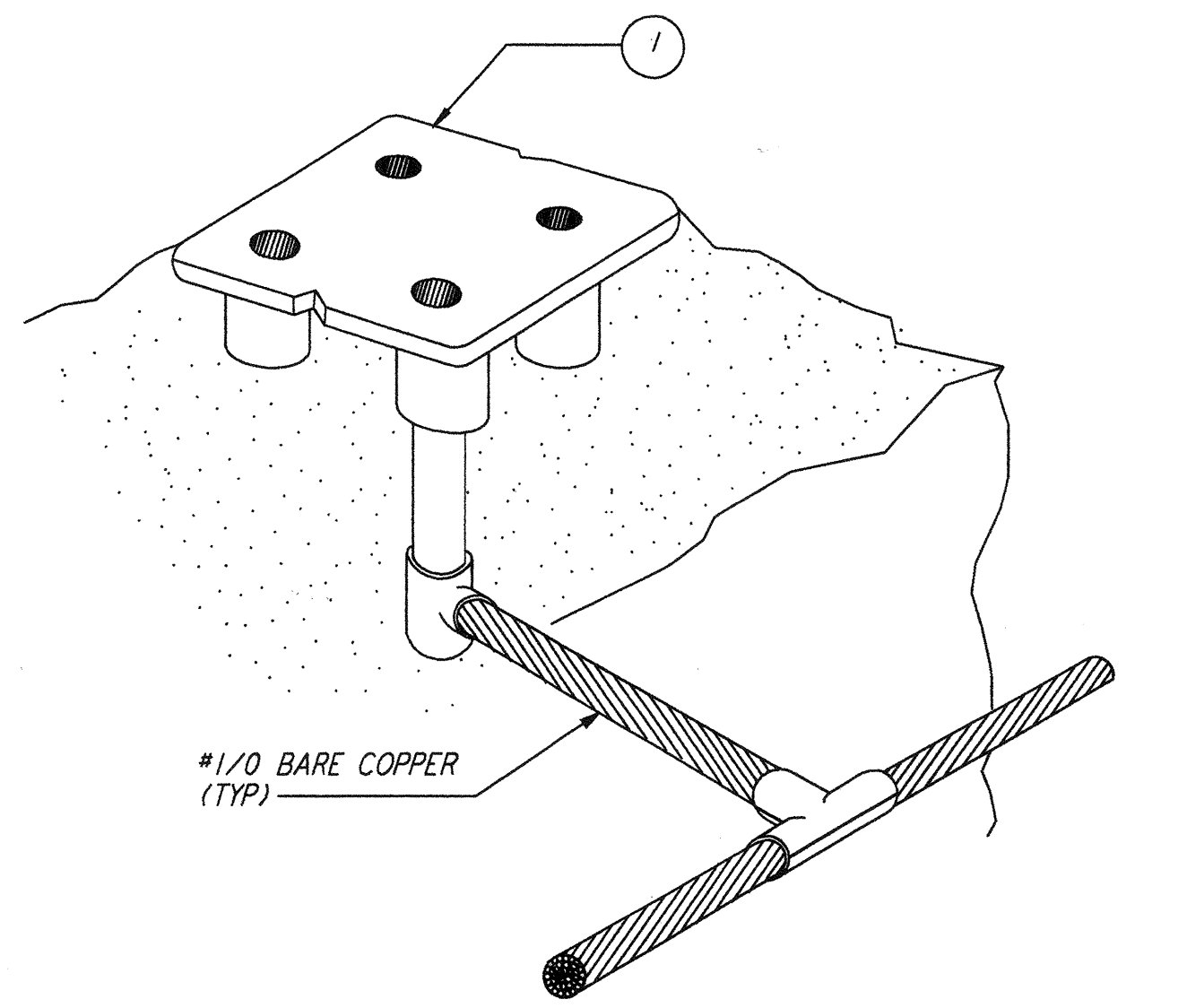
TAPPED CONNECTION

TYPE	WIRE SIZE	TAPPED HOLE
A	#8-#2	3/8\"/>
B	#2-#2/0	1/2\"/>

LIST OF MATERIAL

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)

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



LIST OF MATERIAL

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

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

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	8-7-98	JE	AK	AK	AK	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

LIGO-D961041-01-0
 LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

ELECTRICAL GROUNDING DETAILS SHEET 1

SCALE: NONE CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094

SHEET NUMBER: **LA-E-405**

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