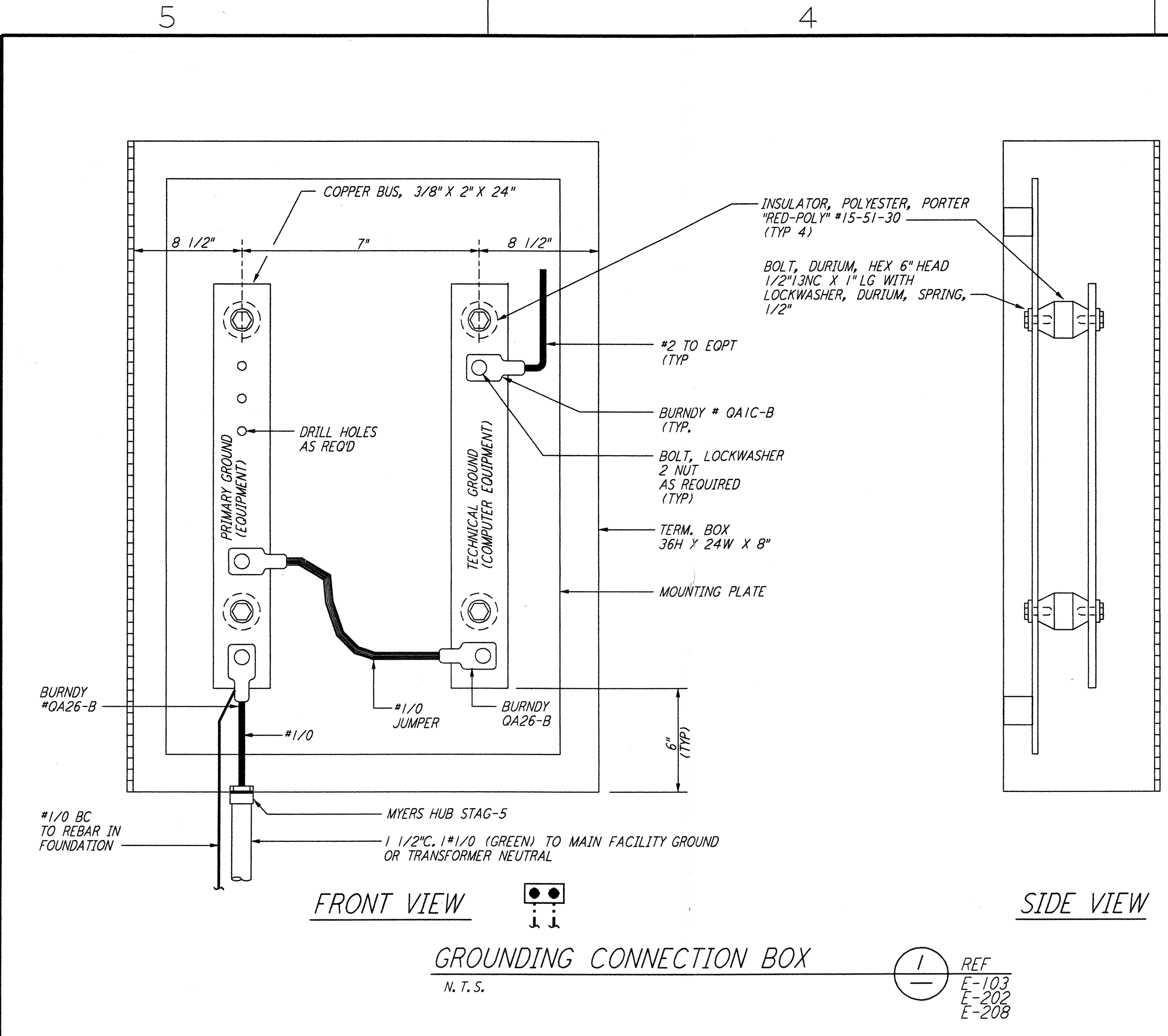
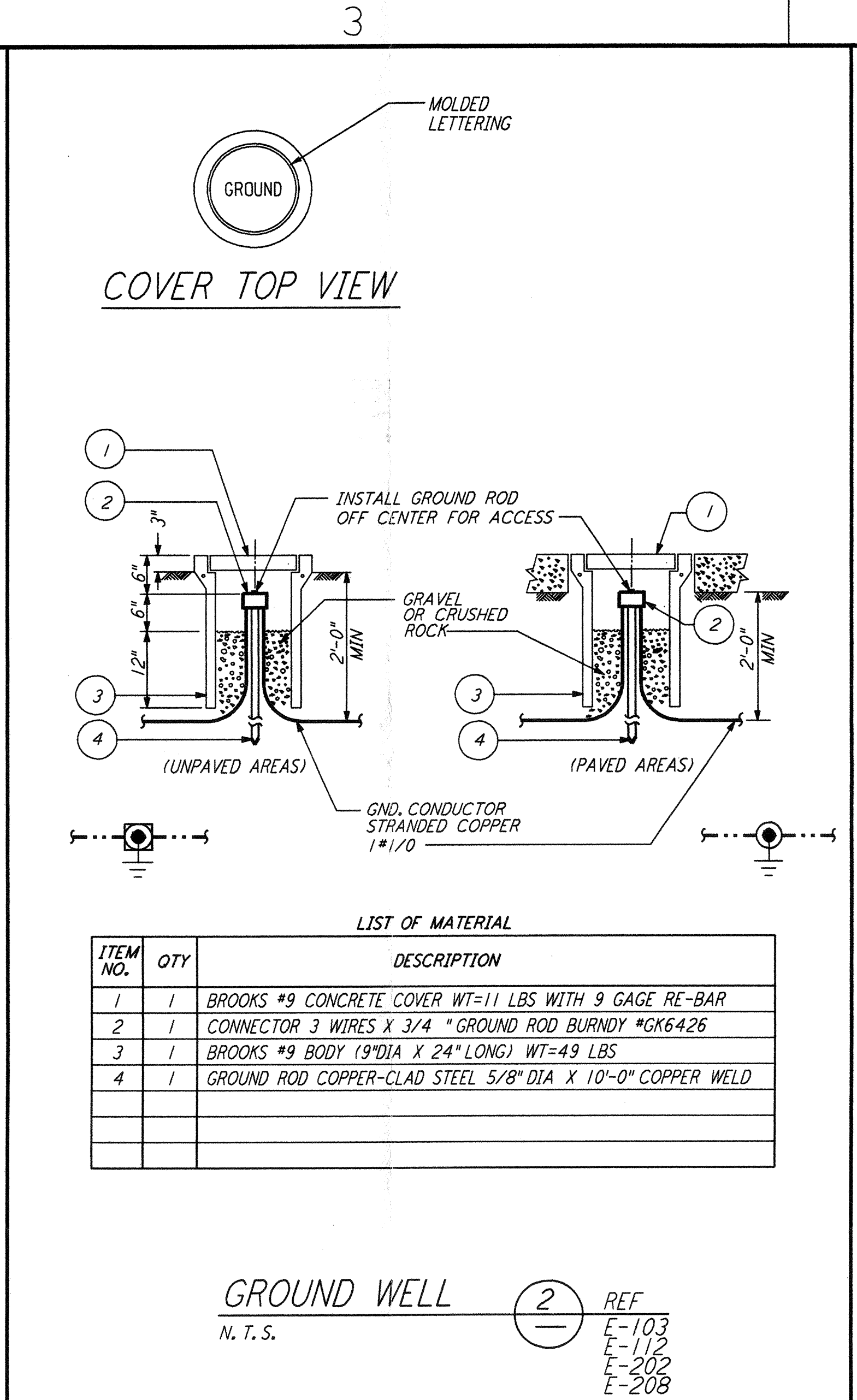


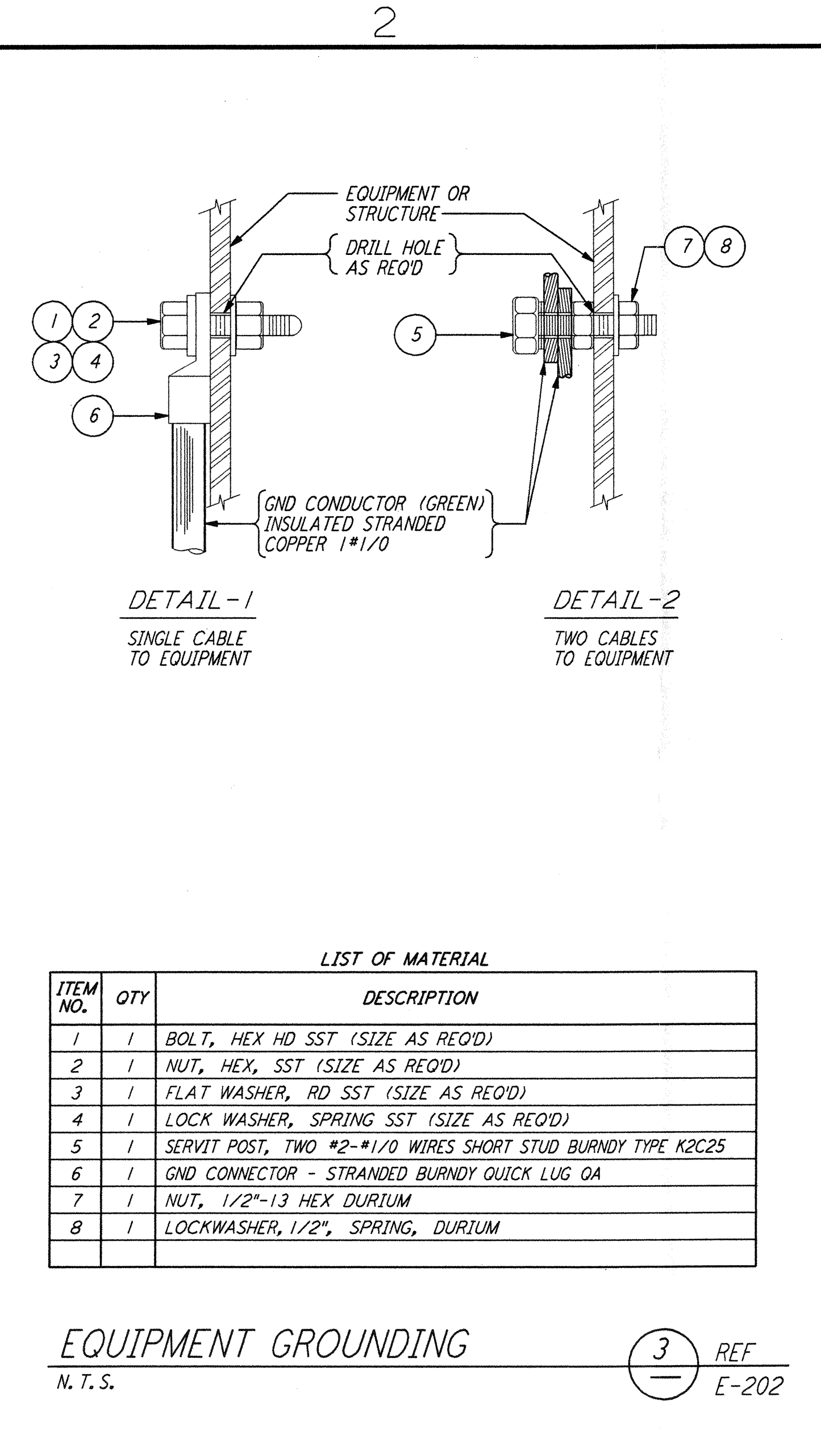
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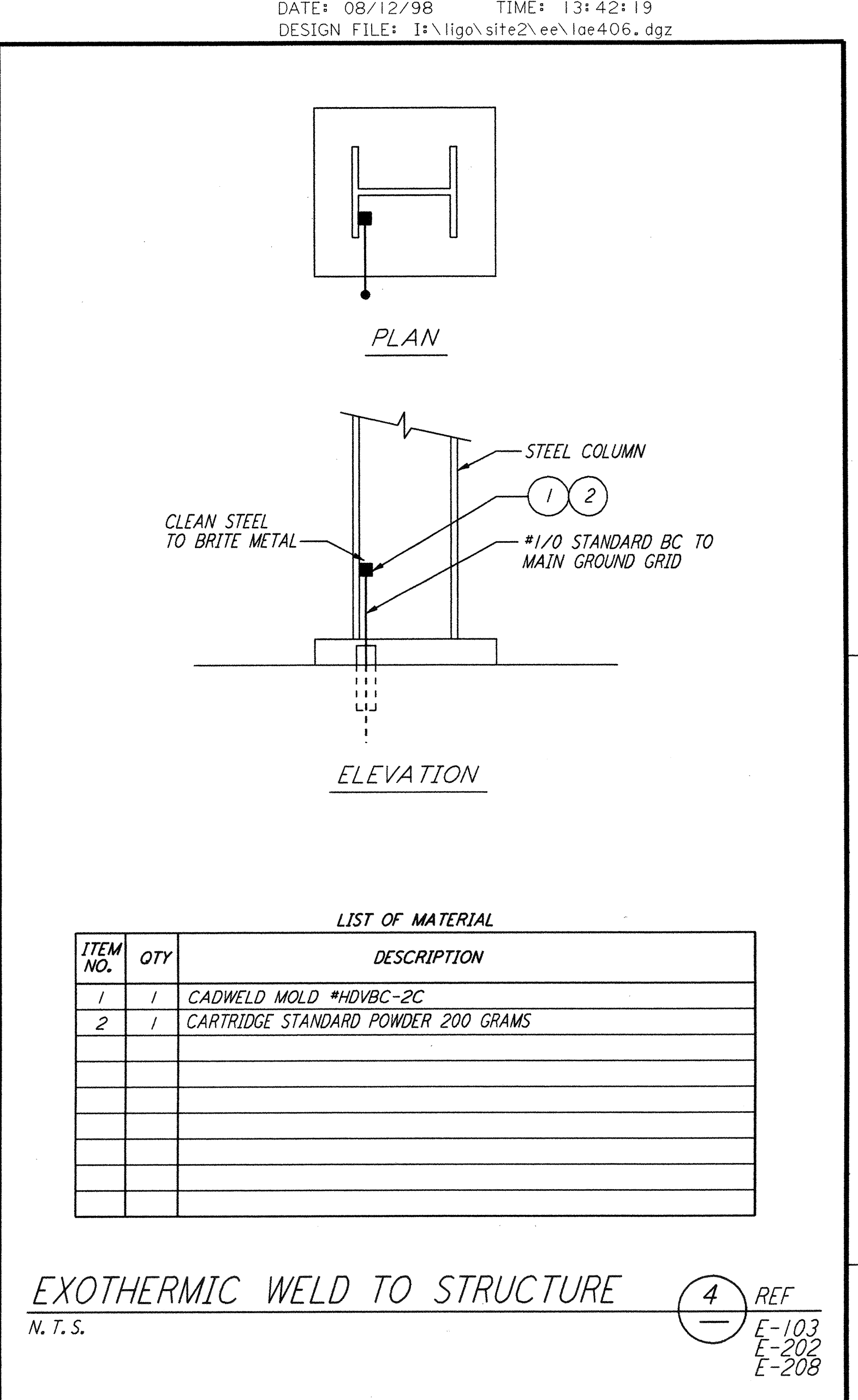
GROUNDING CONNECTION BOX (1) REF E-103 E-112 E-202 E-208
 N. T. S.



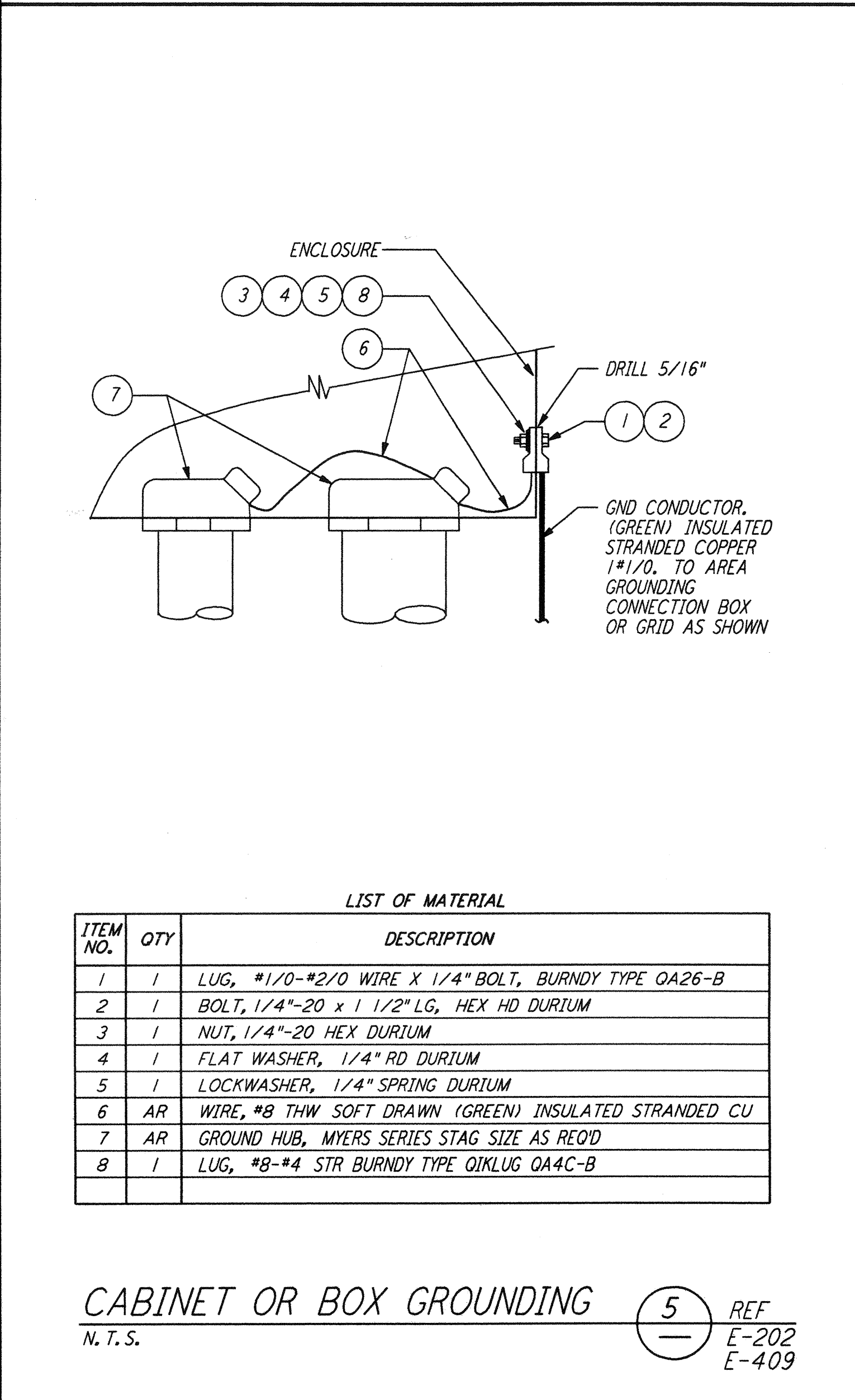
GROUND WELL (2) REF E-103 E-112 E-202 E-208
 N. T. S.



EQUIPMENT GROUNDING (3) REF E-202
 N. T. S.

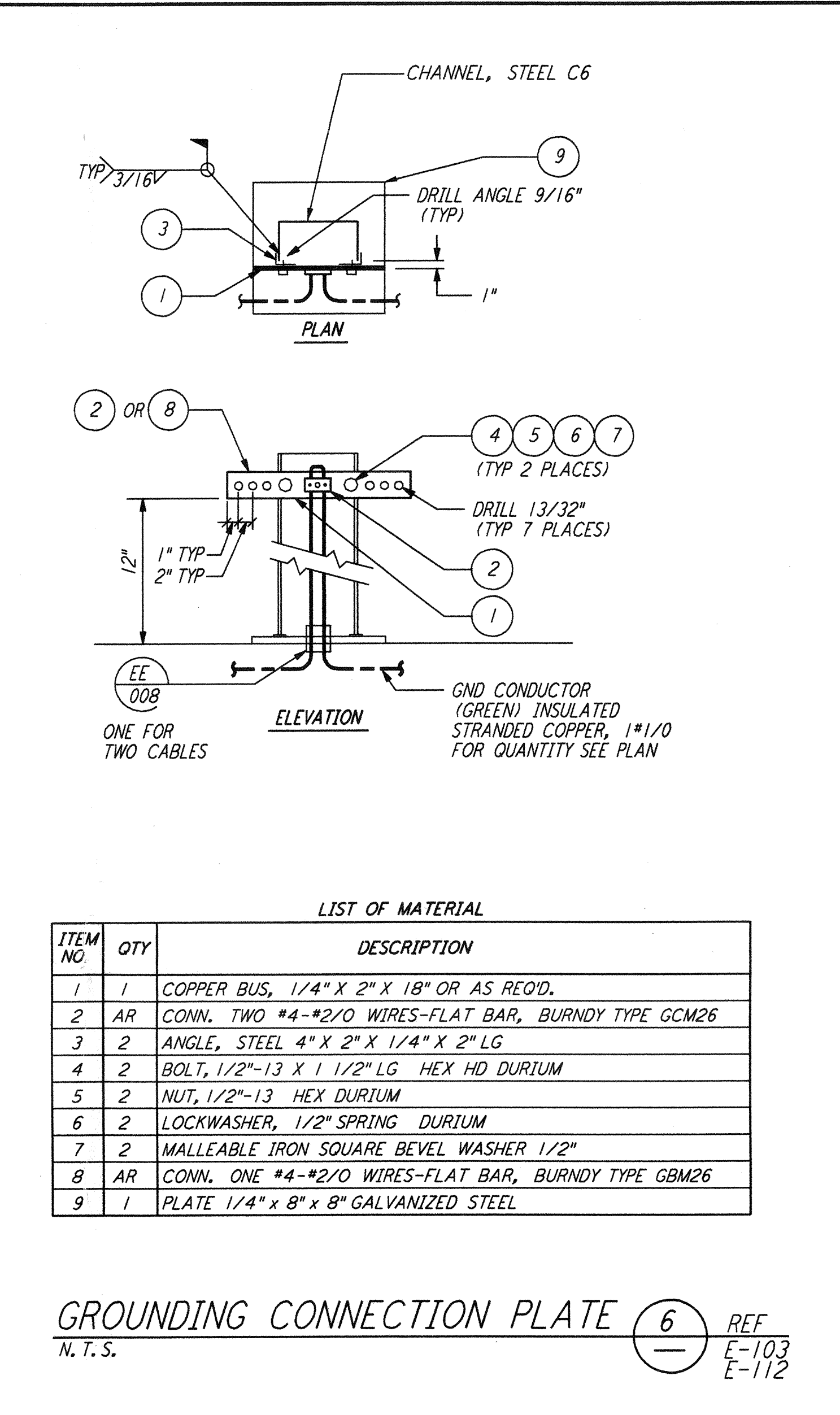


EXOTHERMIC WELD TO STRUCTURE (4) REF E-103 E-202 E-208
 N. T. S.



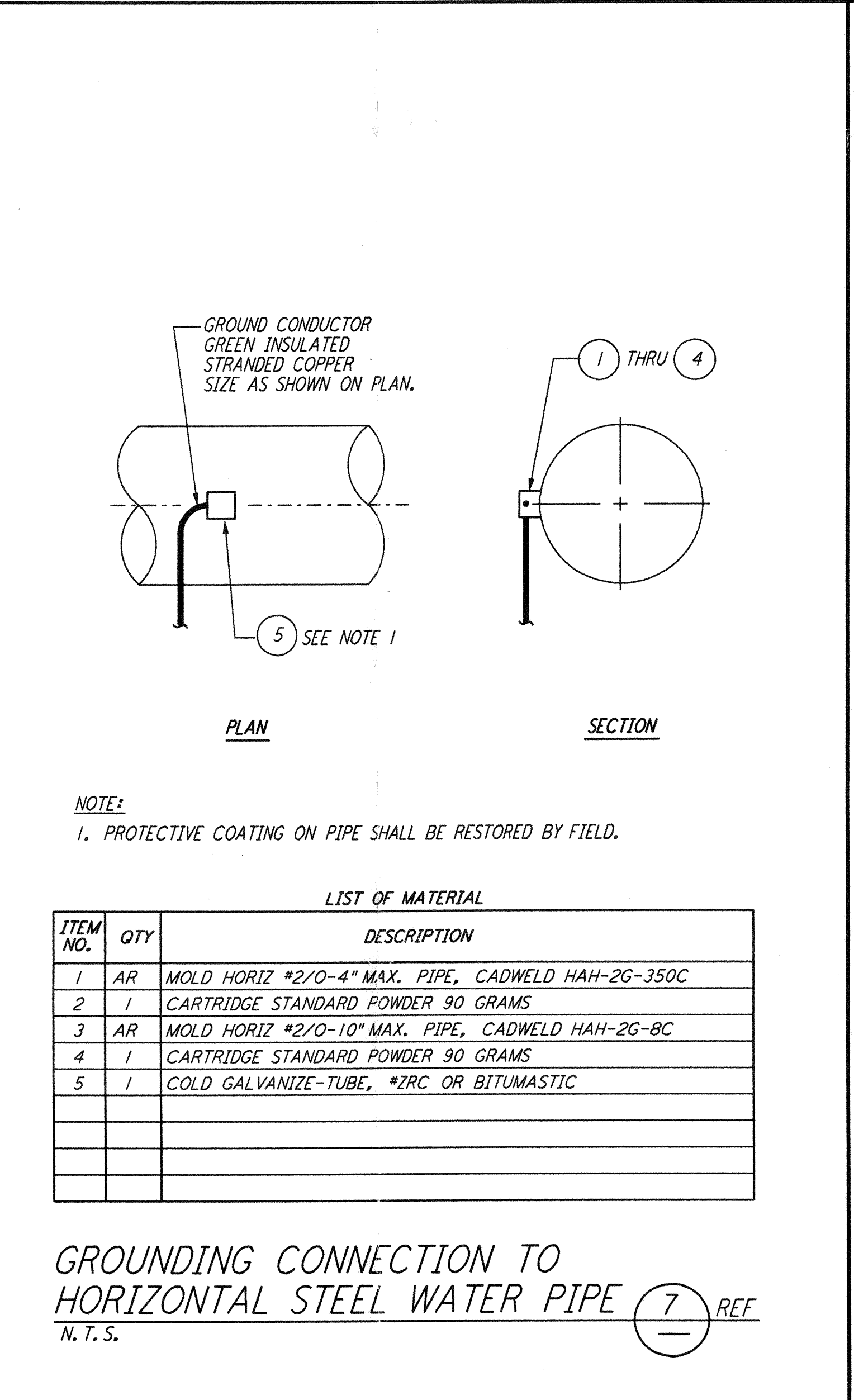
ITEM NO.	QTY	DESCRIPTION
1	1	LUG, #1/0-#2/0 WIRE X 1/4\"
2	1	BOLT, 1/4\"
3	1	NUT, 1/4\"
4	1	FLAT WASHER, 1/4\"
5	1	LOCKWASHER, 1/4\"
6	AR	WIRE, #8 THW SOFT DRAWN (GREEN) INSULATED STRANDED CU
7	AR	GROUND HUB, MYERS SERIES STAG SIZE AS REQ'D
8	1	LUG, #8-#4 STR BURNDY TYPE QIKLUG QA4C-B

CABINET OR BOX GROUNDING (5) REF E-202 E-409
 N. T. S.



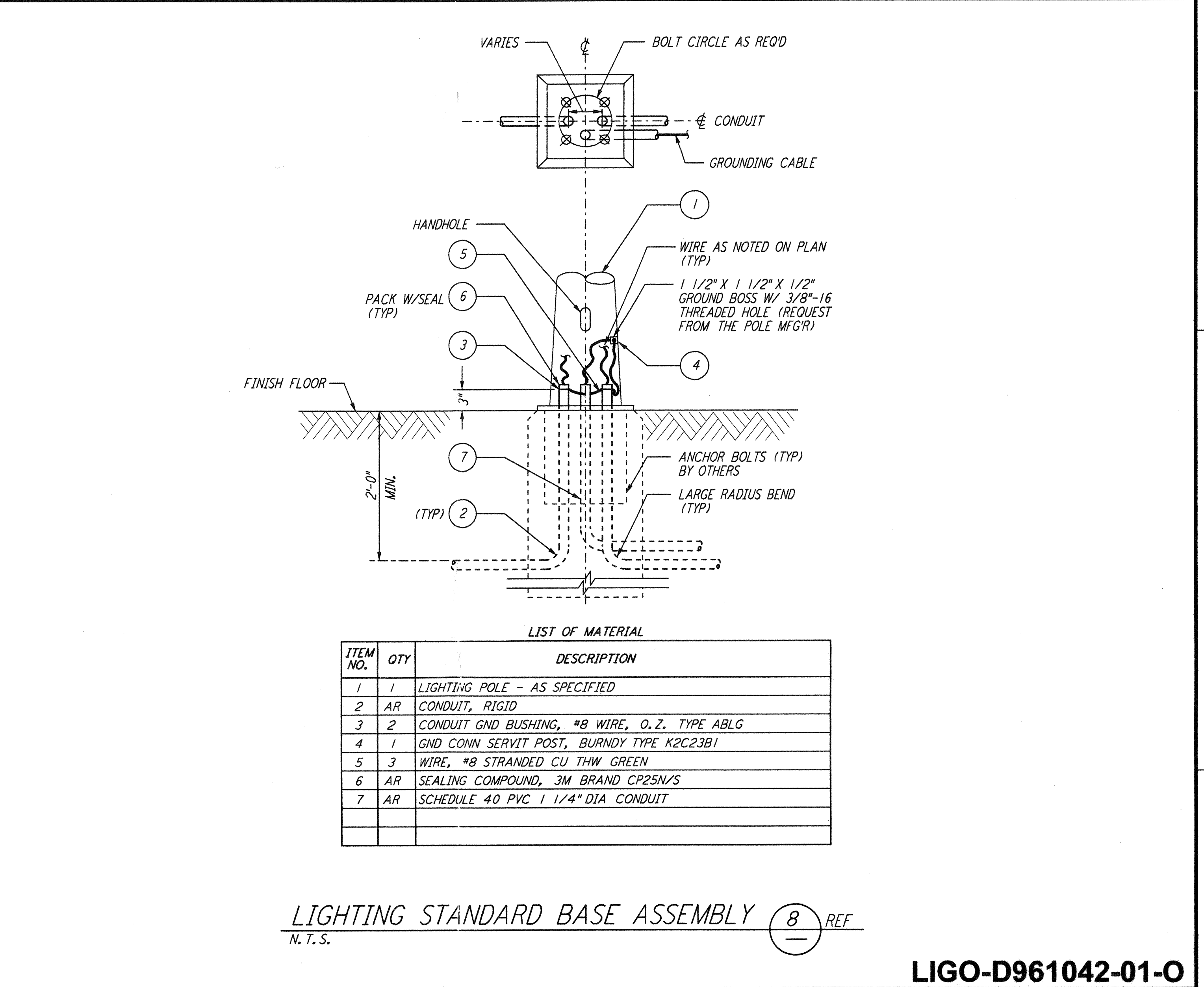
ITEM NO.	QTY	DESCRIPTION
1	1	COPPER BUS, 1/4\"
2	AR	CONN. TWO #4-#2/0 WIRES-FLAT BAR, BURNDY TYPE GCM26
3	2	ANGLE, STEEL 4\"
4	2	BOLT, 1/2\"
5	2	NUT, 1/2\"
6	2	LOCKWASHER, 1/2\"
7	2	MALLEABLE IRON SQUARE BEVEL WASHER 1/2\"
8	AR	CONN. ONE #4-#2/0 WIRES-FLAT BAR, BURNDY TYPE GBM26
9	1	PLATE 1/4\"

GROUNDING CONNECTION PLATE (6) REF E-103 E-112
 N. T. S.



ITEM NO.	QTY	DESCRIPTION
1	AR	MOLD HORIZ #2/0-4\"
2	1	CARTRIDGE STANDARD POWDER 90 GRAMS
3	AR	MOLD HORIZ #2/0-10\"
4	1	CARTRIDGE STANDARD POWDER 90 GRAMS
5	1	COLD GALVANIZE-TUBE, #2RC OR BITUMASTIC

GROUNDING CONNECTION TO HORIZONTAL STEEL WATER PIPE (7) REF
 N. T. S.



ITEM NO.	QTY	DESCRIPTION
1	1	LIGHTING POLE - AS SPECIFIED
2	AR	CONDUIT, RIGID
3	2	CONDUIT GND BUSHING, #8 WIRE, O.Z. TYPE ABLG
4	1	GND CONN SERVIT POST, BURNDY TYPE K2C23B1
5	3	WIRE, #8 STRANDED CU THW GREEN
6	AR	SEALING COMPOUND, 3M BRAND CP25N/S
7	AR	SCHEDULE 40 PVC 1 1/4\"

LIGHTING STANDARD BASE ASSEMBLY (8) REF
 N. T. S.

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

ELECTRICAL GROUNDING DETAILS SHEET 2

SCALE: NONE
 CONTRACT NUMBER: PPI50969
 PROJECT NUMBER: 8094

LA-E-406