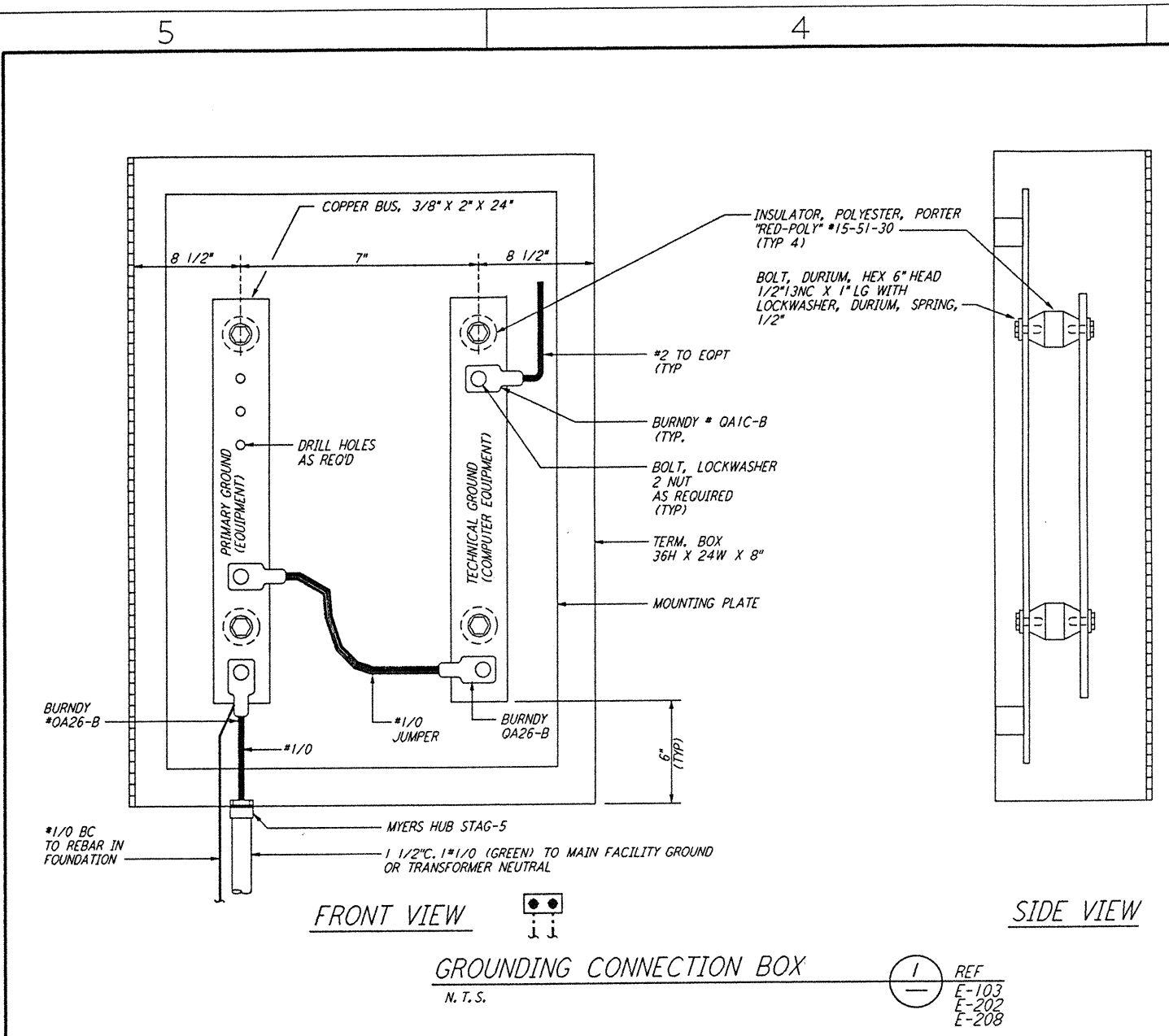


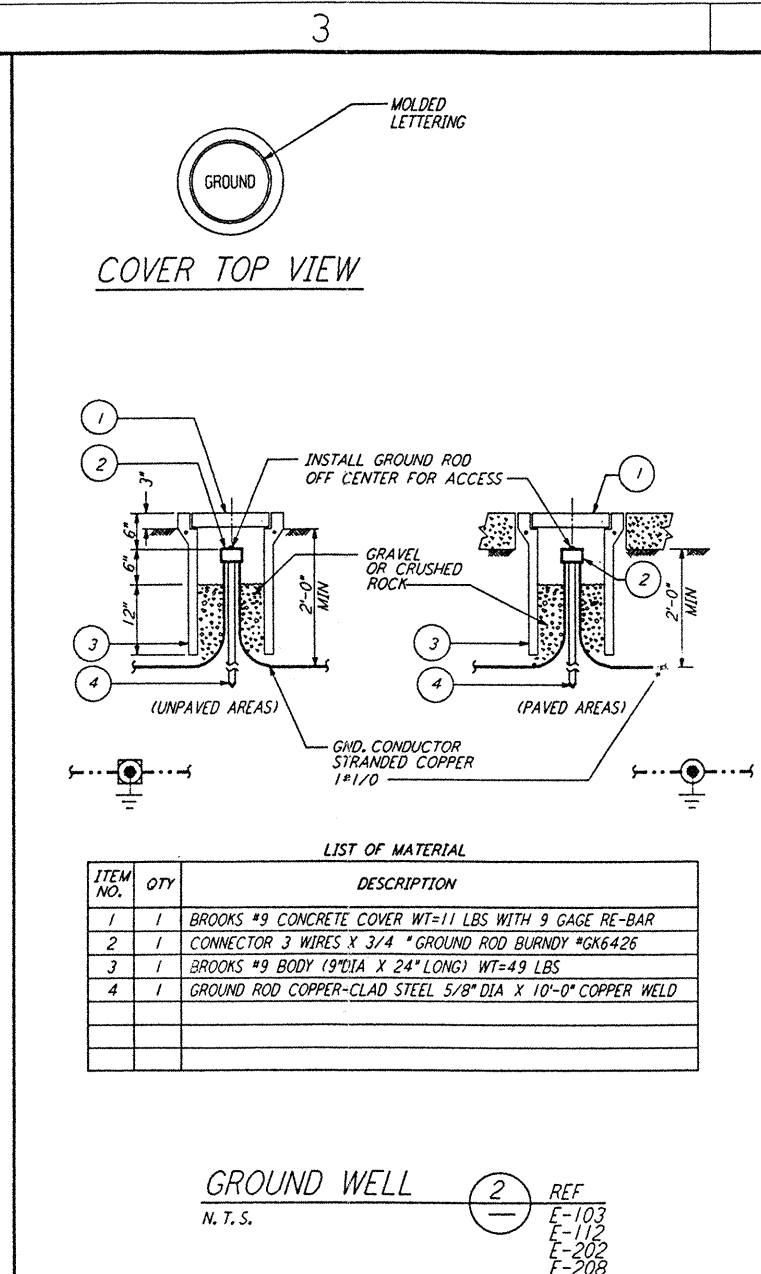
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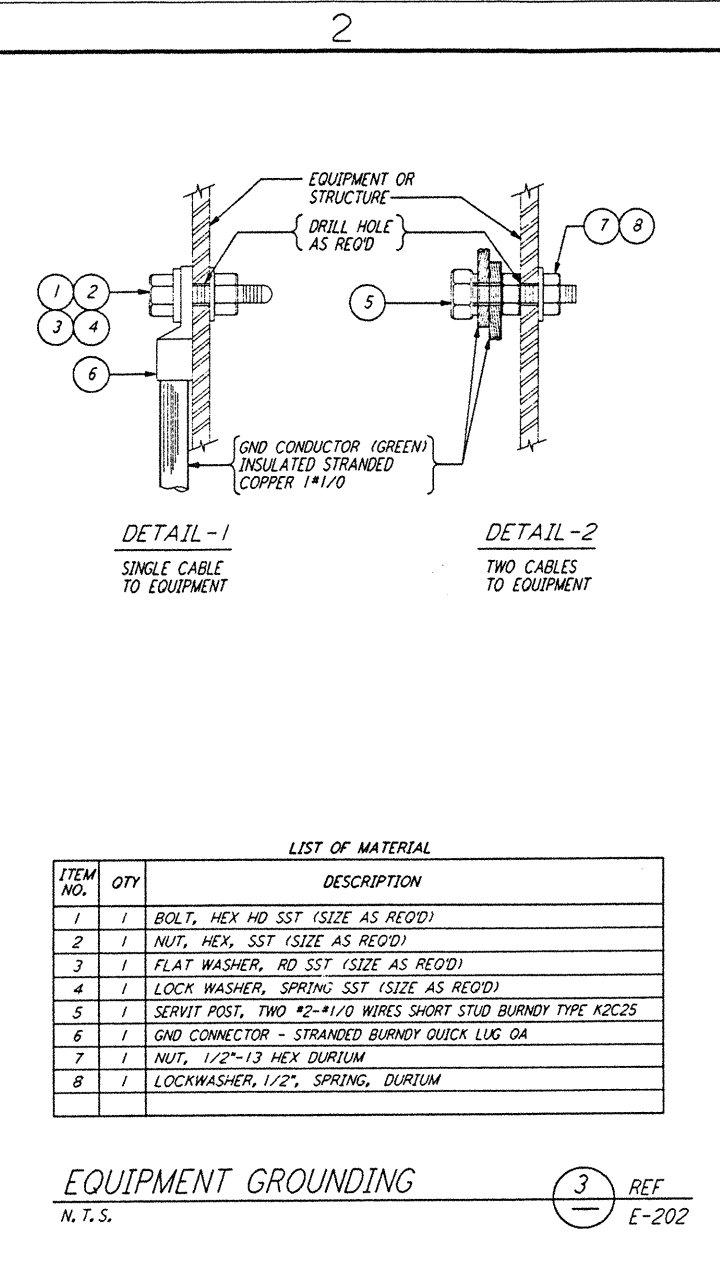
UP USE 22 (REV) 1/76 S7V BDC JAVLUSVARELESY BRCKLE REBHFE



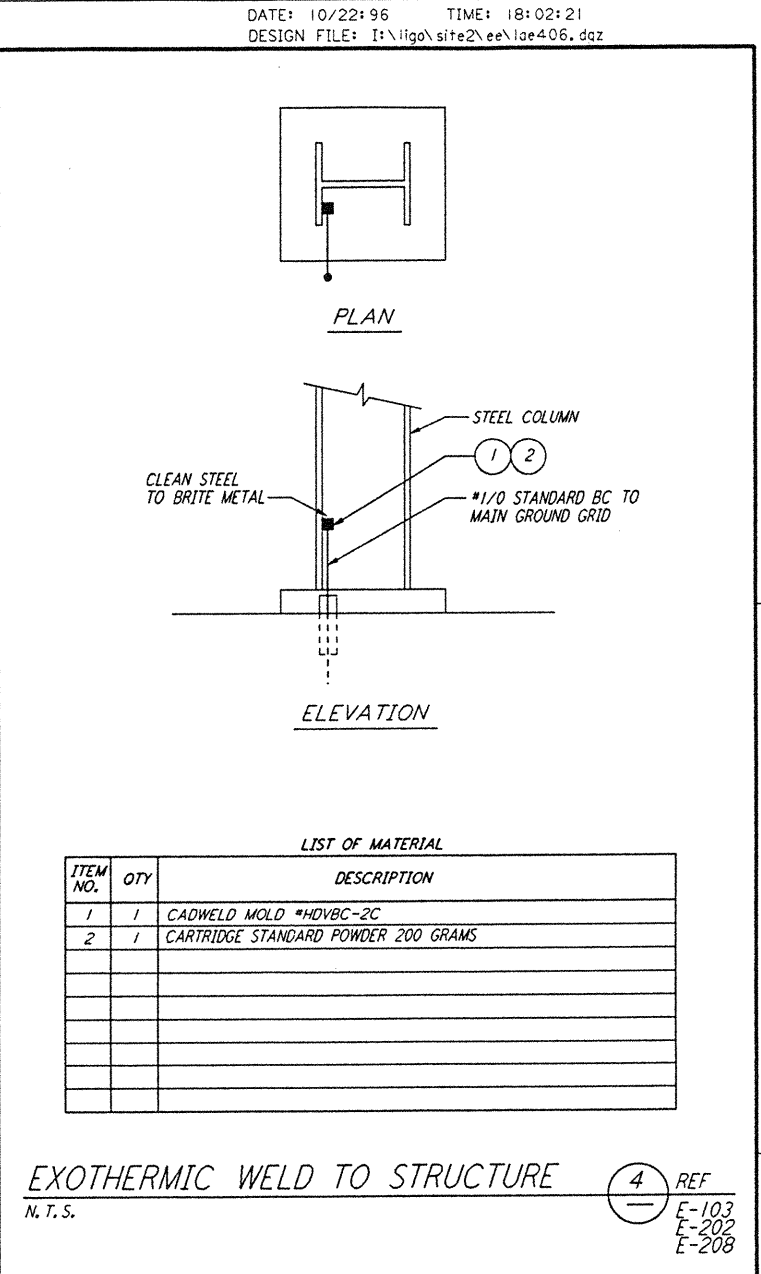
GROUNDING CONNECTION BOX REF E-103 E-202 E-208
 N.T.S.



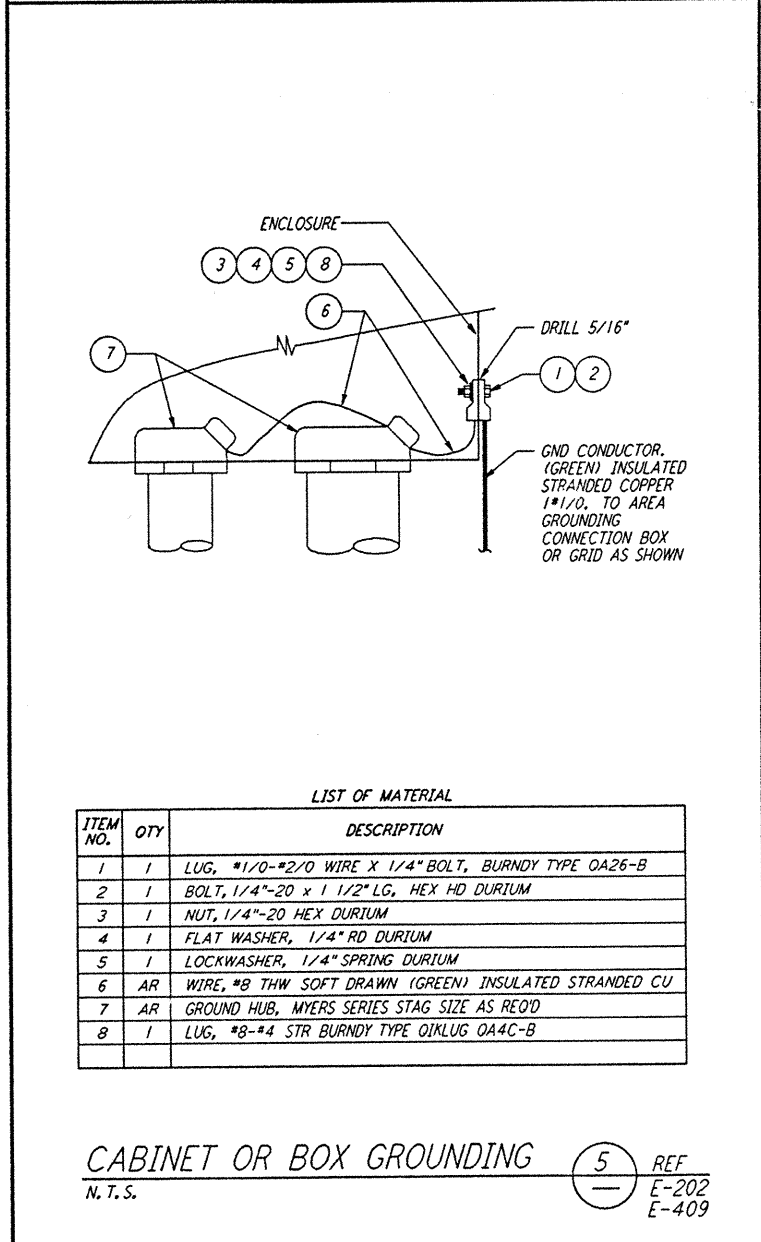
GROUND WELL REF E-103 E-112 E-202 E-208
 N.T.S.



EQUIPMENT GROUNDING REF E-202
 N.T.S.

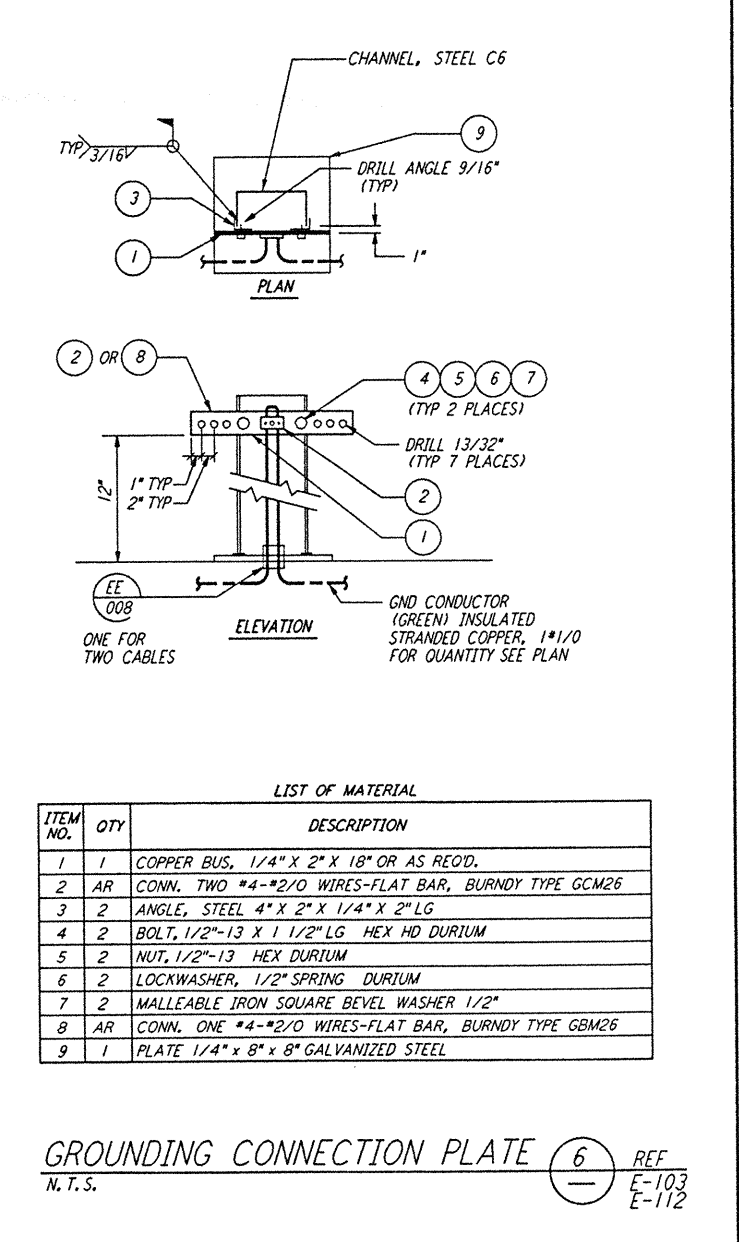


EXOTHERMIC WELD TO STRUCTURE REF E-103 E-202 E-208
 N.T.S.



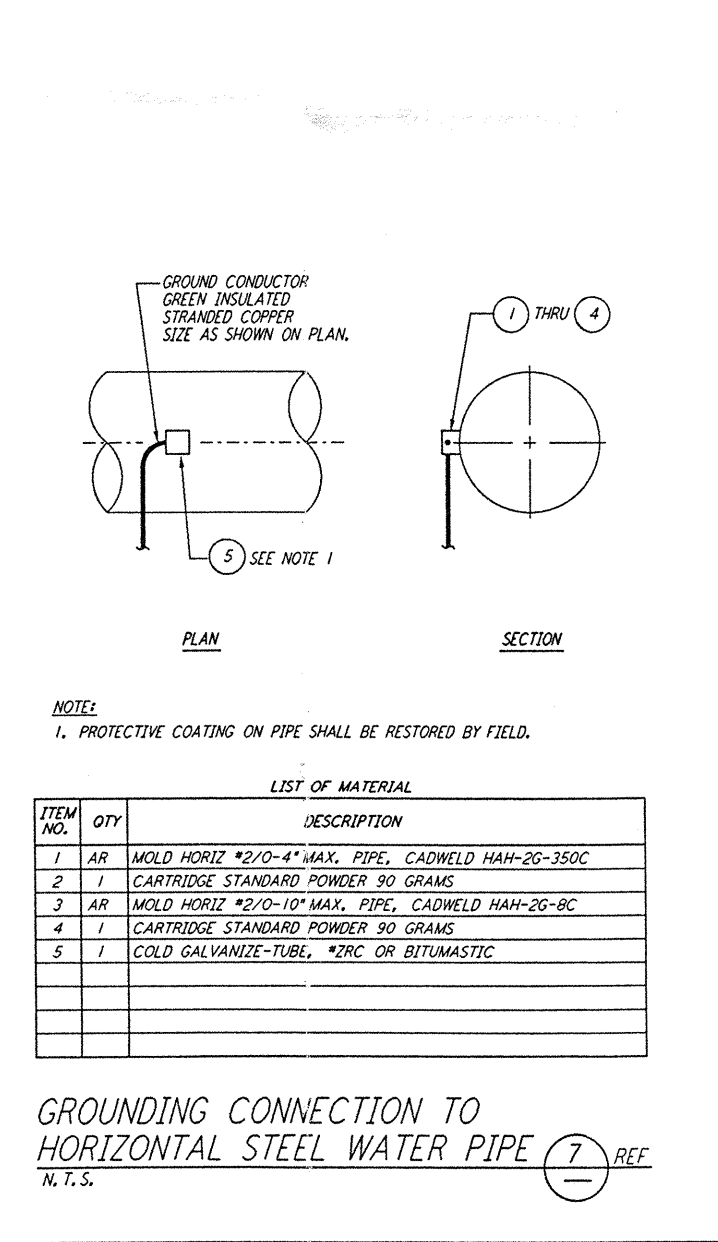
ITEM NO.	QTY	DESCRIPTION
1	1	LUG, #1/0-#2/0 WIRE X 1/4" BOLT, BURNDY TYPE OA26-B
2	1	BOLT, 1/4"-20 X 1 1/2" LG, HEX HD DURILUM
3	1	NUT, 1/4"-20 HEX DURILUM
4	1	FLAT WASHER, 1/4" RD DURILUM
5	1	LOCKWASHER, 1/4" SPRING DURILUM
6	AR	WIRE, #8 THW SOFT DRAWN (GREEN) INSULATED STRANDED CU
7	AR	GROUND HUB, MYERS SERIES STAG SIZE AS RECD
8	1	LUG, #8-#4 STR BURNDY TYPE OIKLUS OA4C-B

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



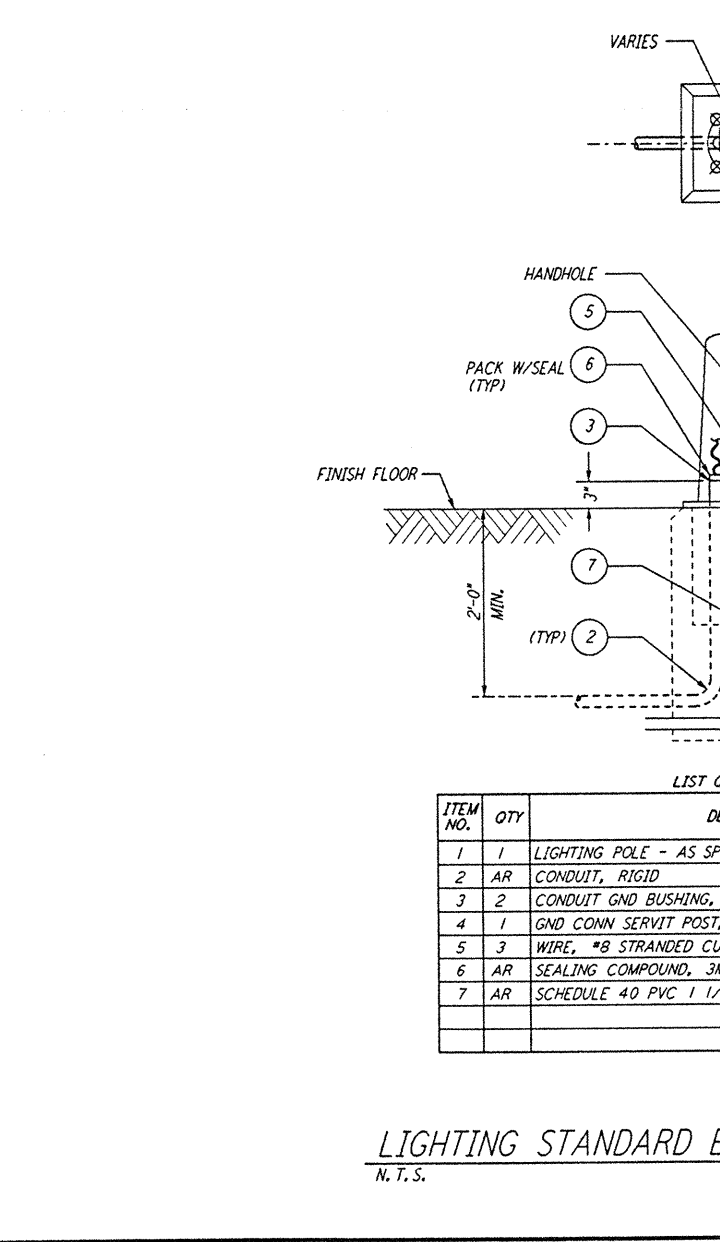
ITEM NO.	QTY	DESCRIPTION
1	1	COPPER BUS, 1/4" X 2" X 18" OR AS RECD.
2	AR	CONN, TWO #4-#2/0 WIRES-FLAT BAR, BURNDY TYPE GCM26
3	2	ANGLE, STEEL 4" X 2" X 1/4" X 2" LG
4	2	BOLT, 1/2"-13 X 1 1/2" LG HEX HD DURILUM
5	2	NUT, 1/2"-13 HEX DURILUM
6	2	LOCKWASHER, 1/2" SPRING DURILUM
7	2	MALLEABLE IRON SQUARE BEVEL WASHER 1/2"
8	AR	CONN, ONE #4-#2/0 WIRES-FLAT BAR, BURNDY TYPE GCM26
9	1	PLATE 1/4" X 8" X 8" GALVANIZED STEEL

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



ITEM NO.	QTY	DESCRIPTION
1	AR	MOLD HORIZ #2/0-4" MAX. PIPE, CADWELD HAH-2G-350C
2	1	CARTRIDGE STANDARD POWDER 90 GRAMS
3	AR	MOLD HORIZ #2/0-10" MAX. PIPE, CADWELD HAH-2G-BC
4	1	CARTRIDGE STANDARD POWDER 90 GRAMS
5	1	COLD GALVANIZE-TUBE, #ZRC OR BITUMASTIC

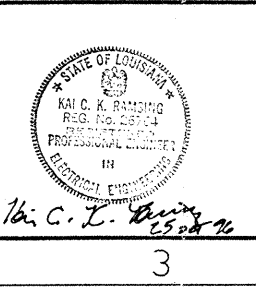
GROUNDING CONNECTION TO HORIZONTAL STEEL WATER PIPE REF
 N.T.S.



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" DIA CONDUIT

LIGHTING STANDARD BASE ASSEMBLY REF
 N.T.S.

ISSUED FOR CONSTRUCTION	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
DRAWN	M. M.	11-15-96				
CHECKED	JCL	7-24-96				
ENGINEER	JCB	10-15-96				
PROJ	SPR	11/15/96				



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LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

TITLE: ELECTRICAL GROUNDING DETAILS SHEET 2

SCALE: NONE CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094

SHEET NUMBER: **LA-E-406**

L160-D961042-00-0