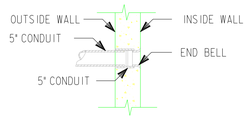
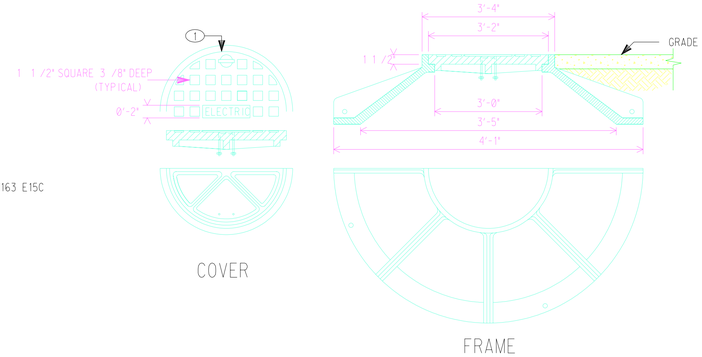


TYPICAL CONDUIT PENETRATION INTO MANHOLE DETAIL (H)

SCALE: NONE

91163 E15 — 91163 E15C

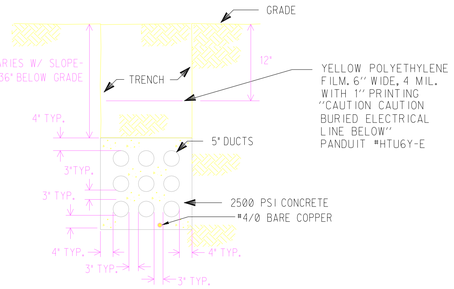


1 MANHOLE COVER AND FRAME DETAL (C)

NEENAH R-1640-D

SCALE: NONE

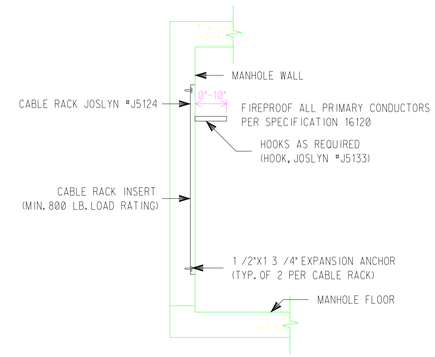
91163 E15 — 91163 E15A



TRENCH SECTION (1)

SCALE: NONE

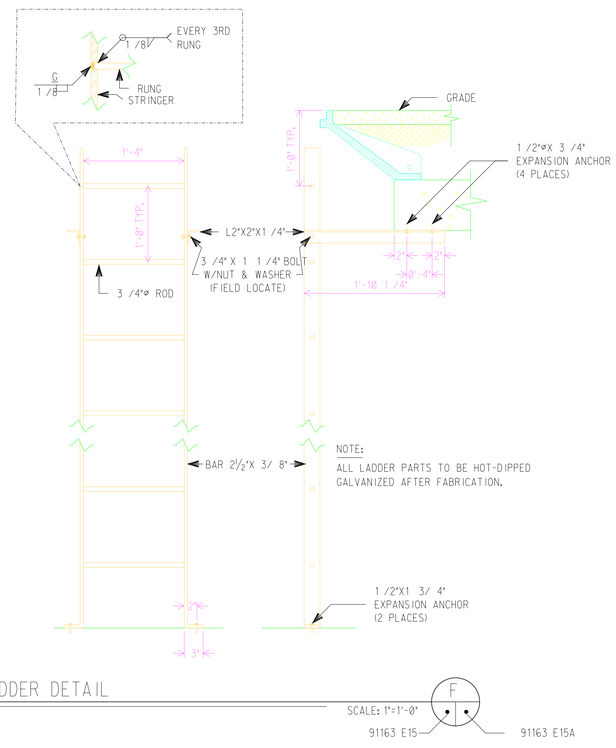
91163 E15 — 91163 E15C



CABLE RACK DETAIL (A)

SCALE: NONE

91163 E15 — 91163 E15C



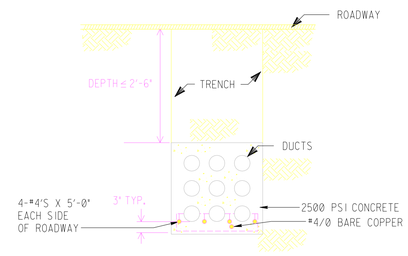
NOTE:

ALL LADDER PARTS TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION.

LADDER DETAIL (F)

SCALE: 1"=1'-0"

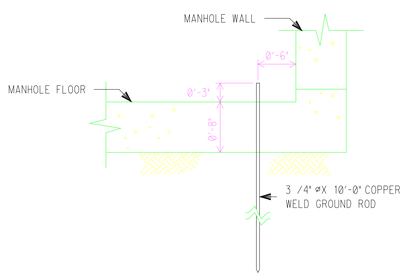
91163 E15 — 91163 E15A



TRENCH SECTION - CROSSING ROADWAY (2)

SCALE: NONE

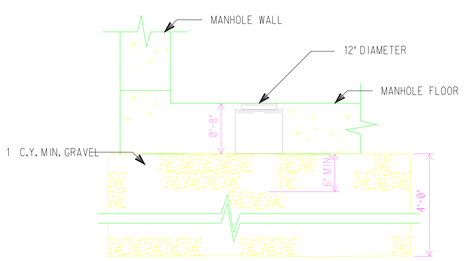
91163 E15 — 91163 E15C



GROUND ROD DETAIL (E)

SCALE: 1"=1'-0"

91163 E15 — 91163 E15A



DRAIN DETAIL (D)

SCALE: 1"=1'-0"

91163 E15 — 91163 E15C

GENERAL NOTES:

1. 4-#4'S LIMITS OF REINFORCEMENT SHALL EXTEND 5'-0" ON EACH SIDE OF ROADWAY. USE 30" SPLICE IF REQUIRED.
2. PROVIDE METAL CHAIR FOR REINFORCEMENT SUPPORT.

KEYED NOTES:

1. NEENAH MFG. CO. CATALOG #R-1 640-D, GRAY CAST IRON HEAVY DUTY WITH BOLTED COVER, TYPE "C" LIFT HANDLE. LETTERING ON TOP OF MANHOLE COVER TO READ "ELECTRIC" AND THE MANHOLE NUMBER.

REV	DATE	DESCRIPTION	DWN	CKD	APP
1	9/1/03	UPDATE	ELG	LR	
2	6/1/02	UPDATE	ELG	CT	
1	5/1/02	CONVERTED TO STANDARD DRAWING	ELG	CT	

P.O.
PROJECT NO.

U.S. DEPARTMENT OF ENERGY

NNSA/SANDIA SITE OFFICE — ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

POWER MANHOLE DETAILS

P.O.
PROJECT NO.
DRAWN BY
CHECKED BY
SNL ENGR
DATE 6-89

OLD FILE NAME: 091163/E15A

MICROSTATION FILE

FILE NAME: wp3004std.dgn

REFERENCE FILES:

CIVIL WORKS POWER — STANDARD

SIZE D — DRAWING NO. WP3004STD — SEQ.

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