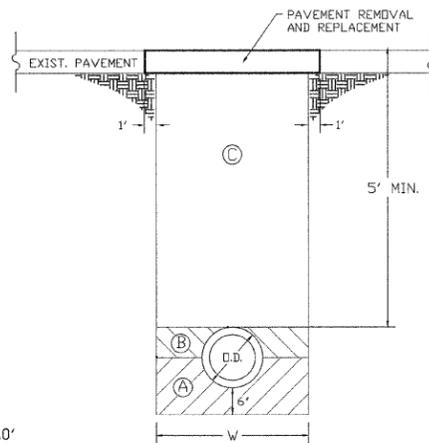


TRENCH DETAIL FOR ALL EXCAVATIONS
UNDER OR WITHIN TWO FEET OF A
PROPOSED OR EXISTING PAVEMENT

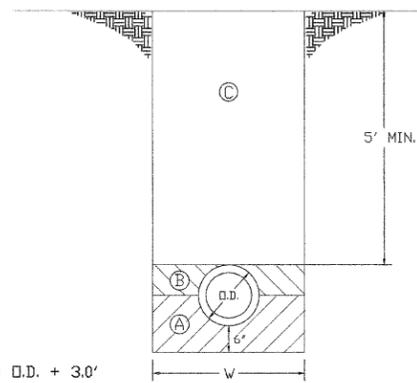


$W = O.D. + 3.0'$

- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (B) TRENCH BACKFILL (PAY ITEM) COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (C) TRENCH BACKFILL (PAY ITEM). COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07.

BEDDING, BACKFILLING AND COMPACTING AREA A ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

TRENCH DETAIL FOR EXCAVATIONS
OUTSIDE PAVED AREAS



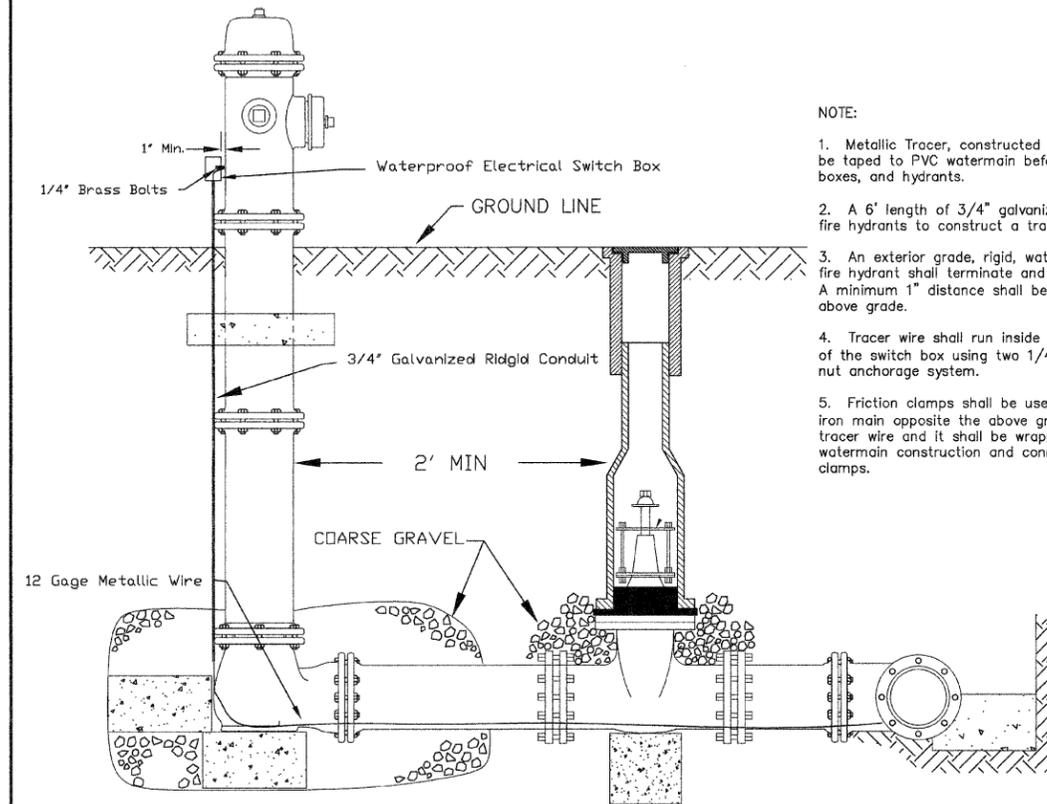
$W = O.D. + 3.0'$

- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (B) SELECT MATERIAL - NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIALS, AND FROZEN EARTH. COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (C) EXCAVATED MATERIAL FREE OF ROCKS LARGER THAN 8" IN GREATEST DIMENSION COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07

BEDDING, BACKFILLING AND COMPACTING AREAS A, B, AND C ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

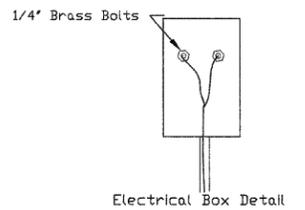
TRENCH DETAILS FOR
WATERMAIN INSTALLATION

CITY OF ROCK ISLAND
ENGINEERING DIVISION STANDARD NO. 306



NOTE:

1. Metallic Tracer, constructed of USE 12 gage metallic wire with blue insulation shall be taped to PVC watermain before placement. The tracer shall be connected to all valve boxes, and hydrants.
2. A 6' length of 3/4" galvanized rigid conduit shall be secured to all proposed fire hydrants to construct a tracer wire housing.
3. An exterior grade, rigid, waterproof electrical switch box of same color as the fire hydrant shall terminate and be secured to the conduit below the hydrant nozzle. A minimum 1" distance shall be maintained between the fire hydrant and switch box above grade.
4. Tracer wire shall run inside conduit and shall be connected to the side wall of the switch box using two 1/4" brass bolts secured to the switch box using triple nut anchorage system.
5. Friction clamps shall be used at both terminating ends of the tracer wire at the ductile iron main opposite the above grade switch box. Insulation shall be removed from 12" of the tracer wire and it shall be wrapped around the watermain at the terminating point for watermain construction and connected directly to the watermain using the friction clamps.



Electrical Box Detail

NOT TO SCALE

STAND306.DWG	CAM	04/03/02
REVISION	BY	DATE

S:\...MISC\STANDARD\CRI_STD\306.DWG

Watermain Tracer Wire Detail

CITY OF ROCK ISLAND
ENGINEERING DIVISION STANDARD NO. 308

85497
09-00186-00-RS
C.R.I. STANDARD DETAILS
CITY OF ROCK ISLAND
ENGINEERING DIVISION

30th Street Resurfacing
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
		Sheet	42
		Of	43



ROCK ISLAND
ILLINOIS