

| RTE. NO.    | SEC. | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|------|--------|--------------|-----------|
| F.A.U. 6793 | *    | KNOX   | 50           | 50        |

\*06-00447-12-PV  
TE-0004(097)

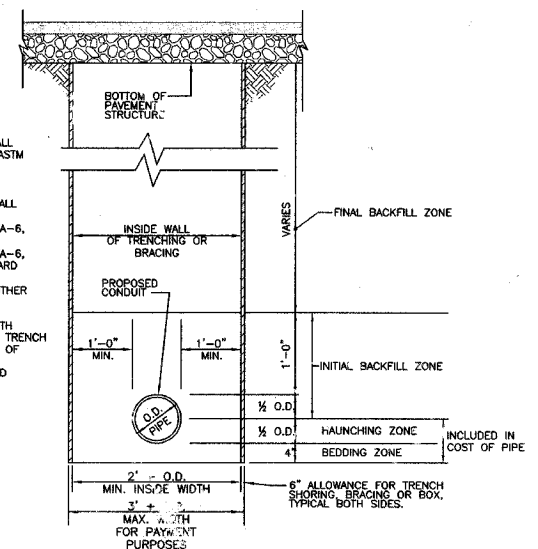
89456

**NOTES (THIS DETAIL ONLY)**

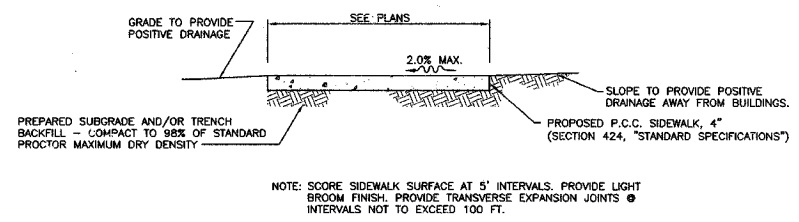
**1. FOR PVC PIPE CONSTRUCTION:**

- a. BEDDING & HAUNCHING ZONES SHALL CONSIST OF ROCK, CLASS IA PER ASTM D-2321, (DOT GRADATION CA-7) COMPACTED IN PLACE.
- b. INITIAL & FINAL BACKFILL ZONE SHALL CONSIST OF:
  - 1) COMPACTED BACKFILL SAND FA-6, UNDER NEW PAVEMENT.
  - 2) COMPACTED BACKFILL SAND FA-6, UNDER OTHER UTILITIES OR HARD SURFACED AREAS.
  - 3) EXCAVATED MATERIAL IN ALL OTHER AREAS.

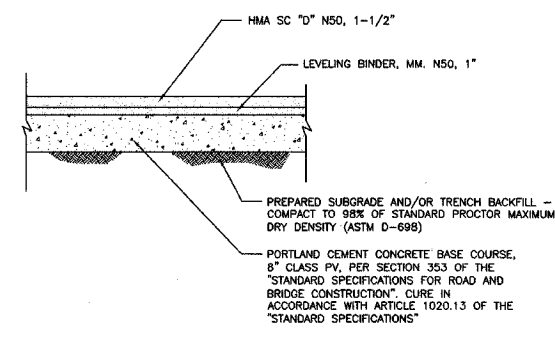
2. ALL TRENCHES SHALL BE BACKFILLED WITH COMPACTED SAND BACKFILL, WHERE THE TRENCH IS LOCATED BENEATH OR WITHIN 2 FEET OF PAVEMENTS, CURBS OR SIDEWALKS. SEE PROJECT SPECIFICATIONS FOR COMPACTED BACKFILL REQUIREMENTS.



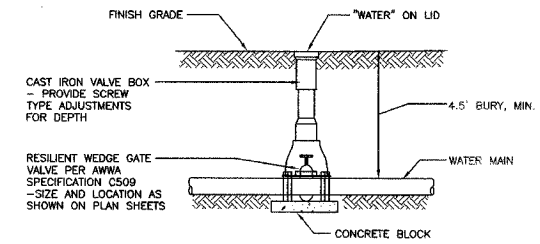
**1 TRENCH DETAIL**  
SCALE: NONE



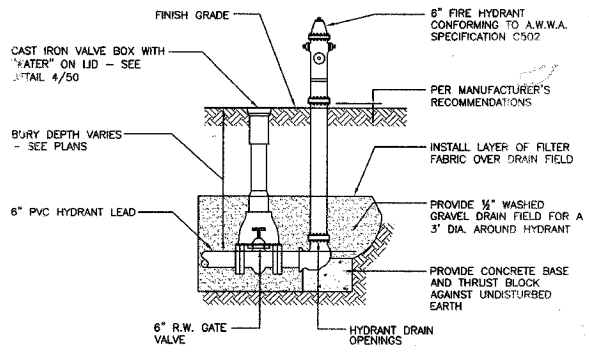
**2 SIDEWALK TYPICAL SECTION**  
SCALE: 1/2"=1'-0"



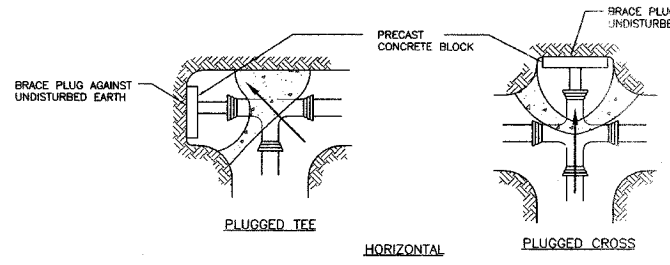
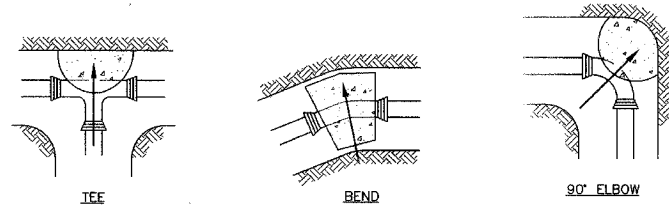
**3 BITUMINOUS PAVEMENT RESTORATION**  
SCALE: 1/2"=1'-0"



**4 TYPICAL VALVE INSTALLATION**  
SCALE: NONE

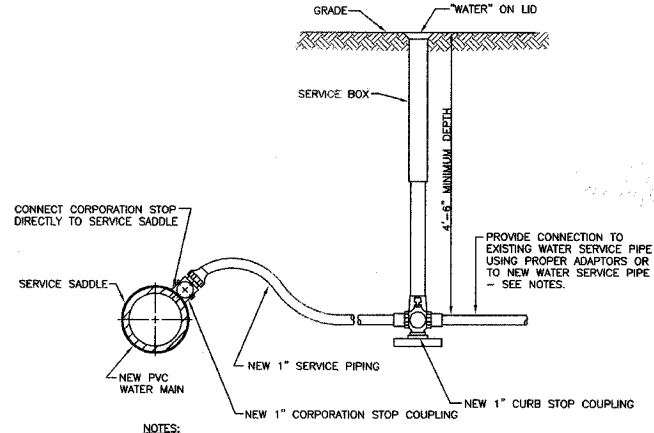


**5 TYPICAL HYDRANT INSTALLATION**  
SCALE: NONE



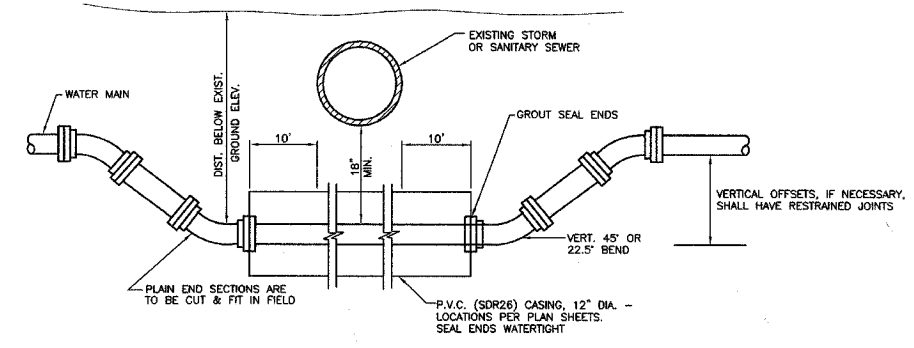
**6 THRUST BLOCK INSTALLATION**  
SCALE: NONE

NOTES:  
FOUR ALL THRUST BLOCKS AGAINST UNDISTURBED EARTH.  
ARROWS INDICATE DIRECTION OF THRUST.  
ALL BLOCKS TO BE 4000 P.S.I. CONCRETE.  
ALL FITTINGS SHOWN IN PLAN.



NOTES:  
1. ADAPTORS NEEDED TO CONNECT NEW CURB STOP TO EXISTING WATER SERVICE PIPING SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE SERVICE CONNECTION & CURB STOP, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.  
2. 1" MINIMUM DIAMETER SERVICE IS SHOWN IN THIS DETAIL. PROVIDE OTHER LARGER SIZES OF CORPORATION STOP, CURB STOP AND SERVICE PIPING AS MAY BE DIRECTED BY THE ENGINEER.

**7 WATER SERVICE CONNECTION**  
SCALE: NONE



**8 WATER MAIN ENCASEMENT DETAIL**  
SCALE: NONE

| REVISIONS              | PCG        | PCG | PCG |
|------------------------|------------|-----|-----|
| CHECKED: SRB           | DRAWN: PCG |     |     |
| APPROVED: SMB          |            |     |     |
| APPROVED: [Signature]  |            |     |     |
| FILE NAME: DETAIL1.DWG |            |     |     |

**Bruner, Cooper & Zuck, Inc.**  
Consulting Engineers  
Structural Engineers  
Land Surveyors  
Professional Design Firm  
188 East Summers Street  
P.O. Box 1519  
Colesburg, Illinois 61402-1519  
Phone: (309) 343-2982  
Fax: (309) 343-5232  
E-Mail: bcz@bczengineering.com

**DETAILS**  
WATER MAIN REPLACEMENT FOR  
NORTH BROAD STREET BRICK RECONSTRUCTION  
LOSEY STREET TO FREMONT STREET  
GALESBURG, ILLINOIS

JOB NO.  
260198  
SHEET NO.  
**50**  
OF 50 SHEETS  
12/ 5/2008