

CARRIER PIPE SIZE (IN)	STEEL ENCASEMENT O.D. (IN)	STEEL ENCASEMENT WALL THICKNESS (IN)
6	14	1/4
8	16	1/4
12	24	1/4

## NOTES:

- WHERE A BORE PIT EXCEEDS 5 FEET IN DEPTH THE CONTRACTOR SHALL INSTALL SHORING OF THE PIT WALLS AS REQUIRED BY OSHA.
- 2. WHERE A BORE IS TO BE PARTIALLY OR COMPLETELY ABANDONED, SAID BORE SHALL BE COMPLETELY FILLED WITH HYDRAULICALLY PLACED CEMENT GROUT.
- 3. CASING SHALL BE EXTENDED TO THE RIGHT-OF-WAY LINE FOR STATE HIGHWAY AND RAILROAD CROSSINGS UNLESS NOTED OTHERWISE.
- 4. THE EDGE OF BORE PIT SHALL BE A MINIMUM OF 5' BEHIND THE BACK OF CURB OR EDGE OF PAVEMENT UNLESS NOTED OTHERWISE ON THE PLANS.
- 5. STEEL CASING REQUIRED UNDER ALL COLLECTOR AND LARGER STREETS. ALL JOINTS TO BE WELDED ALL AROUND.
- 6. HIGH DENSITY POLYETHYLENE SPACERS SHALL BE USED. WHERE NO CASING PIPE IS REQUIRED, OVERCUTTING AROUND THE UTILITY LINE SHALL BE FILLED WITH HYDRAULICALLY PLACED NON-SHRINK GROUT PER ASTM.C476.
- 7. STEEL CASING SHALL HAVE A MINIMUM YIELD STRENGTH OF 35,000 PSI AND BE COATED WITH COAL TAR EPOXY (15 MILS MIN) IN ACCORDANCE WITH AWWA C-210.
- 8. OVERCUTTING AROUND THE CASING SHALL BE FILLED WITH HYDRAULICALLY PLACED NON-SHRINK GROUT PER ASTM C476.
- 9. CASING INSULATORS SHALL BE RACI SPACERS OR APPROVED EQUAL.
- 10. CASING END SEALS SHALL BE MADE FROM 1/8" THICK NEOPRENE RUBBER AND SHALL BE SECURED WITH 1/2" WIDE STAINLESS STEEL BANDS.



## WATER CONSTRUCTION DETAILS ENCASED WATER LINE BORE

REVISION DATE: 2/1/2024

SHEET: W-03