



NOTES:

1. 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 R.O.W. LINE FOR TXDOT 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. 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. CASING INSULATORS SHALL BE RACI SPACERS OR APPROVED EQUAL.
9. CASING END SEALS SHALL BE MADE FROM 1/8" THICK NEOPRENE RUBBER AND SHALL BE SECURED WITH 1/2" WIDE STAINLESS STEEL BANDS.

CARRIER PIPE SIZE (IN)	STEEL ENCASEMENT O.D. (IN)	STEEL ENCASEMENT WALL THICKNESS (IN)
8	16	1/4
12	24	1/4
15	26	3/8



SEWER SYSTEM CONSTRUCTION DETAILS
ENCASED SANITARY SEWER LINE BORE

REVISION DATE:
2/1/2024

SHEET: S-10