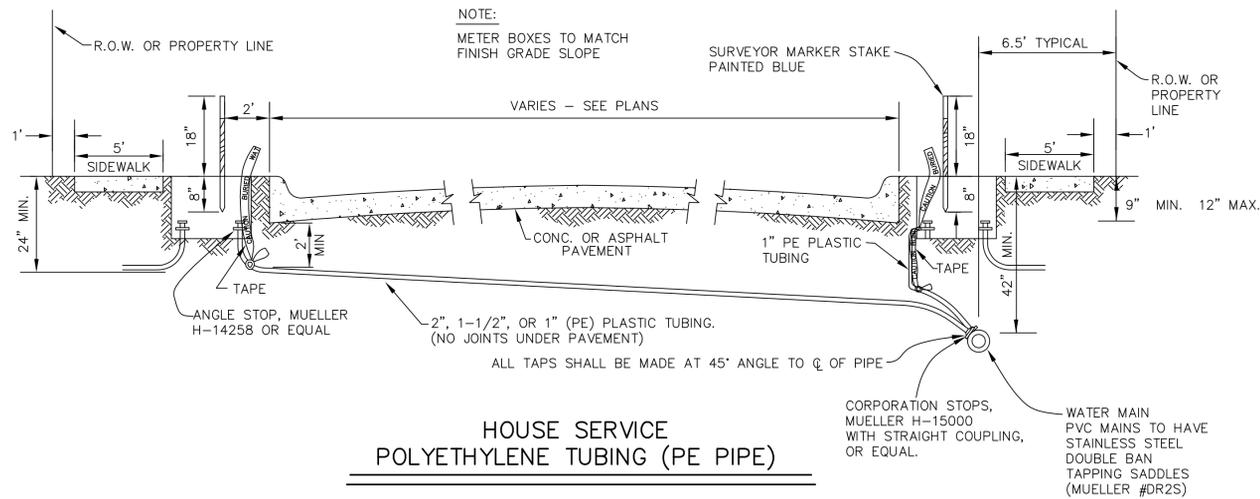
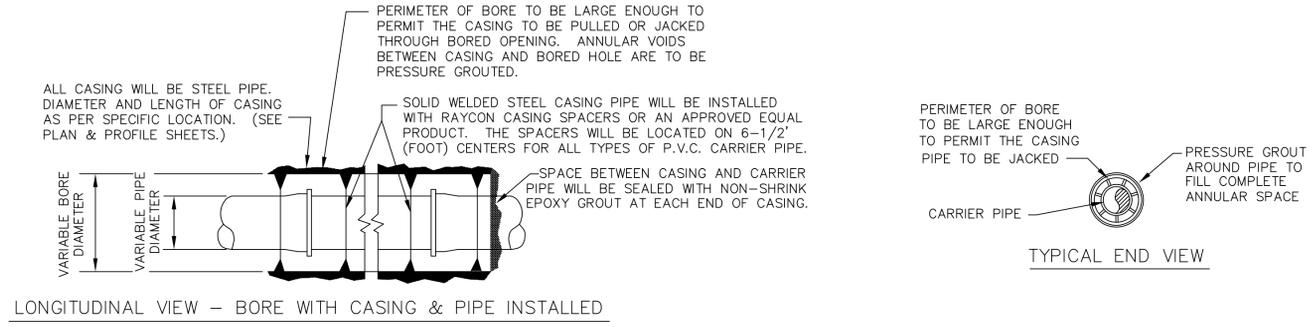


**WATER MAINS NOTE:**  
ALL PVC 6 IN. OR GREATER,  
MUST BE BLUE IN COLOR.



**HOUSE SERVICE  
POLYETHYLENE TUBING (PE PIPE)**

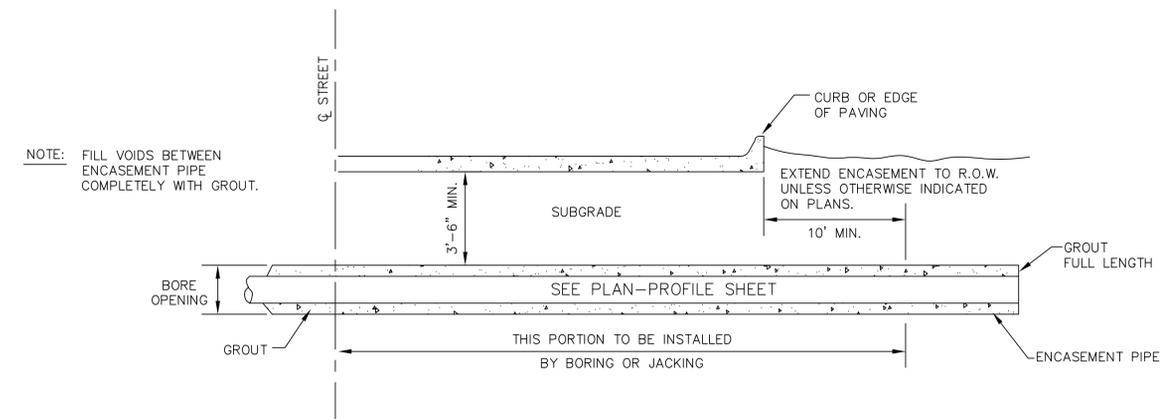
- NOTES:**
1. 1" POLYETHYLENE (PE) SDR 9 PLASTIC TUBING OR EQUAL.
  2. ALL BRASS FITTINGS TO BE MUELLER OR APPROVED EQUAL.
  3. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO FURNISH & INSTALL THE METER BOX AND THE ANGLE STOP.
  4. ON NON-CURB & GUTTERED STREETS, SERVICE LINE TO BE TWO (2) FEET BELOW DITCH FLOW LINE.
  5. ALL MATERIALS TO BE MUELLER OR APPROVED EQUAL.



- NOTE:**
1. BORING UNDER ROADWAYS SHALL CONFORM TO THE TEXAS DEPARTMENT OF TRANSPORTATION UTILITY ACCOMMODATION MANUAL.
  2. SEE PLAN AND PROFILE FOR LIMITS OF BORE.
  3. COMPRESSION TYPE JOINTS TO BE USED IF POSSIBLE.
  4. IF COMPRESSION TYPE JOINT NOT USED, THEN M.J. TYPE SHALL BE USED AND JOINTS BOLTED BEFORE PULLING PIPE INTO PLACE.

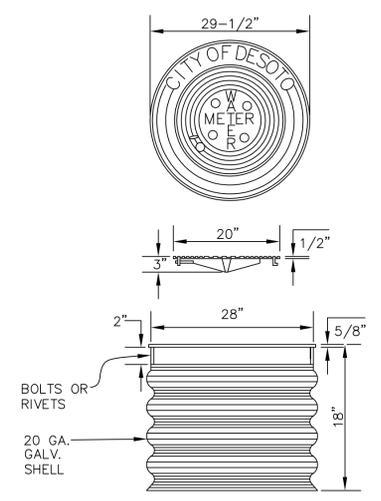
**CASING & CARRIER PIPE - BORING DETAILS**

ALL CROSSING OF EXISTING STREETS SHALL BE BY BORING UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.  
ALL SANITARY SEWER BORINGS CROSSING/INTERSECTING A STREET MUST BE ENCASED TO THE R.O.W. LIMITS

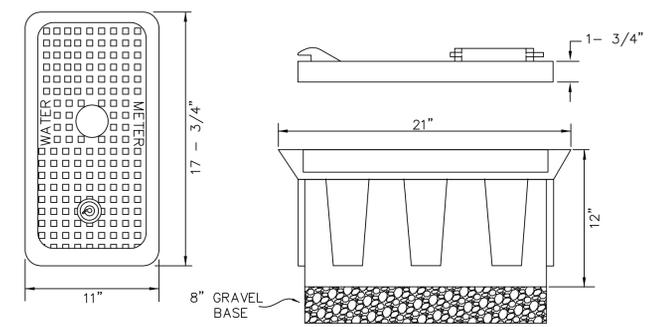


**HALF-SECTION  
TYPICAL STREET BORE**

- NOTES:**
1. FILL VOIDS BETWEEN ENCASEMENT PIPE AND THE SURROUNDING GROUND COMPLETELY WITH GROUT.
  2. ENCASEMENT PIPE MAY BE ELIMINATED FOR CITY STREETS PROVIDED PIPE IS DUCTILE IRON.
  3. PIPE IN CASING WILL BE INSTALLED WITH RAYCON CASING SPACERS OR AN APPROVED EQUAL PRODUCT. THE SPACERS WILL BE LOCATED ON 6-1/2' (FOOT) CENTERS FOR ALL TYPES OF P.V.C. CARRIER PIPE.



**COMMERCIAL**



**RESIDENTIAL**

5/8" TO 1" METERS = POLY DFW37C-KSBSM WITH 2" READER HOLE  
1- 1/2" TO 3" METERS = BASS & HAYS #55A2S WITH 2" READER HOLE

**METER BOX DETAILS**

NO.	REVISION	BY	DATE

**CERTIFICATION: CITY OF DESOTO STANDARD CONSTRUCTION DETAIL SHEET IS AUTHORIZED FOR USE IN THIS PROJECT BY THE ENGINEER WHOSE SEAL APPEARS ON THIS SHEET. THIS ENGINEER IS ALSO CERTIFYING THAT THE DETAIL AND NOTES ON THIS SHEET HAVE NOT BEEN ALTERED FROM THAT RECEIVED FROM THE CITY OF DESOTO.**

**STANDARD CONSTRUCTION DETAILS**

CITY OF DESOTO, TEXAS  
DEVELOPMENT SERVICES  
ENGINEERING DEPARTMENT

**WATER**

**ENGINEERING  
SEAL**