



CLEANOUT SHALL BE PLACED AT RIGHT-OF-WAY OR EDGE OF EASEMENT. DO NOT INSTALL CLEANOUT INSIDE A FENCE.

- NOTES:**
1. ENTIRE SERVICE LINE SHALL BE 4 INCH DUCTILE IRON PIPE (DIP).
  2. CONTRACTOR MAY BE REQUIRED TO LAY CONNECTIONS AT 1% (REGARDLESS OF DEPTH) IN ORDER TO SERVE CUSTOMER. IN THIS CASE, 45° BEND MAY NOT BE USED.
  3. CONNECTIONS TO 16 INCH OUTFALLS AND GREATER MUST BE MADE INTO MANHOLE.
  4. MARKING TAPE SHALL BE INSTALLED FOR ALL SERVICE CONNECTIONS FROM THE MAIN LINE TO THE CLEANOUT FOR ALL NEW CONSTRUCTION OR RETROFIT INSTALLATIONS USING OPEN TRENCH METHODS.
  5. WITHIN TOWNHOUSE DEVELOPMENTS, SERVICE CONNECTIONS SHALL BE LOCATED WITHIN 4 FEET OF DRIVEWAYS, OR UNDER DRIVEWAYS (SEE DETAIL 7000.23), IN ORDER TO MINIMIZE CONFLICTS BETWEEN SERVICE LINES AND TREES.

22.5° DUCTILE IRON BEND IF WYE IS USED



IN LINE DUCTILE IRON WYE FITTING OR APPROVED TAPPING SADDLE PROVIDED AT TOP QUARTER OF THE MAIN. IN LINE DUCTILE IRON WYE IS REQUIRED FOR SANITARY SEWER SERVICES INSTALLED WITH NEW CONSTRUCTION WHEN PARCEL AND SERVICE LOCATIONS ARE KNOWN AND IDENTIFIED ON APPROVED PLANS.

**STANDARD 4" SANITARY SEWER SERVICE  
FOR DEEP SEWER MAINS (14-FT AND GREATER)**

DETAIL No.  
7000.19

EFFECTIVE: 07/01/23