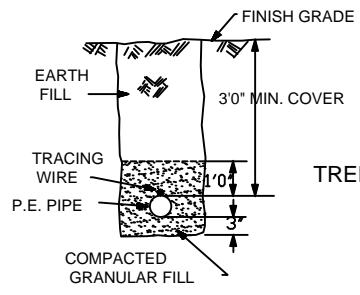


CONNECTION DETAIL



TRENCH DETAIL

Materials

1. Pipe-2" High Density Polyethylene Water Service Pipe, Class 200 (SDR-9), CTS-OD, 200psi, ASTM D-2737.
2. Tees -2"x2"x1" with Pack Joints both ends, side outlet tapped for corp stop. Ford T440-774 1" AWWA Taper Threads with Ford 1"-F600 Corporation Stop or approved equal. materials will be provided by the Water District.
3. Saddles - Ford 202B Double Strap Brass Saddles (IP Threads) or approved equal.
4. Curb Stops - Ford 2" B11-777 Ball Valves for Iron Pipe or approved equal. A curb stop box shall be provided.
5. Straight Couplings - Ford 2" C84-77 Male Iron Pipe Thread to Pack Joint type fittings for P.E. Pipe or approved equal.
6. Tracing Wire- 12 gauge solid copper (P.V.C. coated) tracing wire taped to the top of the pipe every 5'.

GENERAL INFORMATION

1. This detail is not designed to eliminate dead-end water mains. This is an alternate to installing 6" or 8" pipe around a cul-de-sac.
2. Tees for services need to be dropped off on the opposite lot lines of the electric and other utilities.
3. Tees for services will need to be properly installed with some type of above ground markers.
4. P.E. Pipe shall be installed after the curb are installed.
5. The only joints made in the P.E. pipe shall be made at the water service tees.
6. 1" copper tubing will need to be provided for one of the water service tees for flushing purposed.

REVISION	BY	DATE
N. KY. WATER DISTRICT		
2" P.E. AROUND CUL-DE-SAC		
DRAWN BY: SAR		
APPROVED: RH		
DATE: 8/5/2014		
STANDARD DRAWING NO: 115		