



TAP ON DIP MAIN
AND LATERAL

NO. DESCRIPTION:

1. EXISTING SEWER MAIN - VCP, PVC, DIP, FRP, OR CONCRETE, ETC.
2. EPOXY SEALANT AS RECOMMENDED BY TAP SADDLE MANUFACTURER.
3. SEWER TAP SADDLE AS MANUFACTURED BY PREDCO OR OTHER MANUFACTURERS AS LISTED IN SPECIFICATIONS.
4. COMPRESSION JOINT SEALER.
5. 22-1/2° BEND (SPIGOT X SLIP JOINT BELL) (C900 DR18 PVC).
6. #57 STONE BEDDING.
7. MINIMUM DEPTH OF COVER AT PROPERTY LINE SHALL BE 4'. UNLESS GREATER DEPTH IS REQUIRED TO SERVE THE BUILDING. MINIMUM DEPTH AT SIDE DITCH SHALL BE 2.5'.
8. PROPERTY LINE, ROAD R/W OR CLTW EASEMENT LINE.
9. MIN. SLOPE SHALL BE 1.5% FOR 4" PIPE AND 1.25% FOR 6" PIPE.
10. FOR 4" AND 6" DUCTILE IRON LATERAL, USE A SEALTITE TYPE F TEE SEWER SADDLE AS MANUFACTURED BY THE GENERAL ENGINEERING COMPANY, FREDERICK, MD TO FIT 6.275" TO 17.40" O.D. MAINS.

NOTES:

- A. THE OPENING IN PIPE SHALL BE CUT WITH A TAP MACHINE OR HOLE SAW. TAPPING BIT SHALL BE DESIGNED FOR THE PIPE MATERIAL BEING CUT AND ALSO INCLUDE PILOT BIT AND SHELL CUTTER.
- B. THE TAP SHALL BE MADE IN THE UPPER HALF OF THE PIPE AT 24° (MIN.) FROM THE HORIZONTAL.
- C. TAP SIZE SHALL MATCH LATERAL SIZE. MAXIMUM SIZE TAP SHALL BE 4" OR 6" ONLY. 6" TAPS SHALL BE USED ON 10" AND LARGER MAINS ONLY.
- D. TAPPING SADDLE & BEND TO BE FULLY ENCASED WITH #57 CRUSHED STONE.
- E. C900 DR18 PVC LATERAL PIPE REQUIRE TYPE 3 GRANULAR BEDDING IF GROUND WATER, ROCK, OR UNSTABLE SOIL IS PRESENT.
- F. MIN. CLEARANCE TO PIPE JOINT ON MAIN SHALL BE 1'.
- G. THE LATERAL SHALL BE INSTALLED PERPENDICULAR TO THE MAIN.
- H. IF THE LATERAL HAS LESS THAN 3' OF COVER, THE LATERAL MUST BE DIP.
- I. MIN. DISTANCE BETWEEN SERVICE TAPS SHALL BE 7' CENTER TO CENTER.
- J. TRACER WIRE INSTALLED PER CLTW TRACER WIRE DETAIL AS APPLICABLE.
- K. MIN. DISTANCE FROM SERVICE TAP TO MANHOLE SHALL BE 7'.