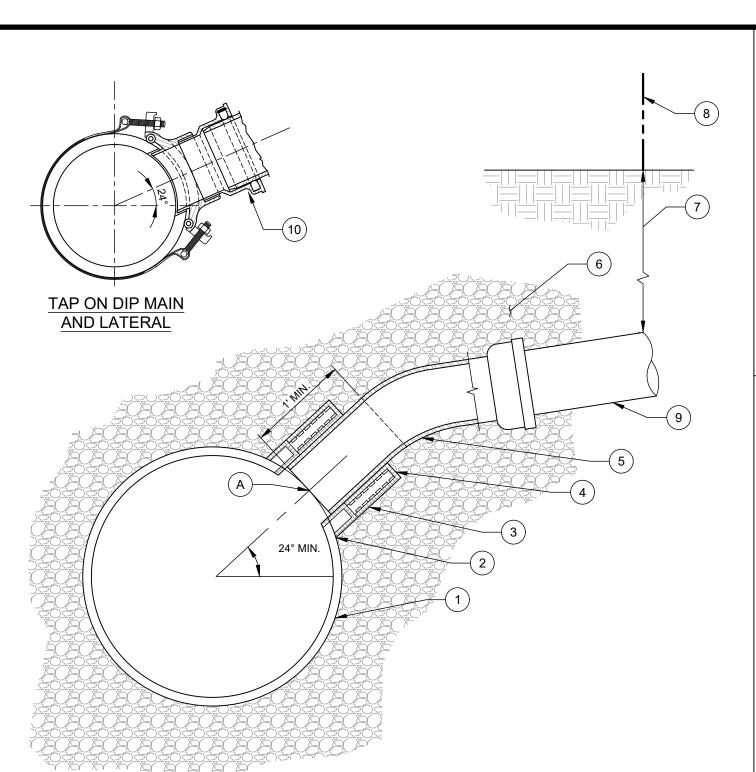
DATE 04/2024

DETAIL 11.1.1



NO. DESCRIPTION:

- 1. EXISTING SEWER MAIN VCP, PVC, DIP, FRP, OR CONCRETE, ETC.
- EPOXY SEALANT AS RECOMMENDED BY TAP SADDLE MANUFACTURER.
- SEWER TAP SADDLE AS MANUFACTURED BY PREDCO OR OTHER MANUFACTURERS AS LISTED IN SPECIFICATIONS.
- COMPRESSION JOINT SEALER.
- 5. 22-1/2° BEND (SPIGOT X SLIP JOINT BELL) (C900 DR18 PVC).
- #57 STONE BEDDING.
- 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.
- 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.
- MIN. DISTANCE BETWEEN SERVICE TAPS SHALL BE 7' CENTER TO CENTER.
- J. TRACER WIRE INSTALLED PER CLTW TRACER WIRE DETAIL AS APPLICABLE.
- . MIN. DISTANCE FROM SERVICE TAP TO MANHOLE SHALL BE 7'.