



SECTION A-A

- NO. DESCRIPTION:**
1. EXISTING OR PROPOSED MANHOLE CLTW STANDARD CAST IRON FRAME AND COVER.
 2. PROPERTY LINE, ROAD R/W OR CLTW EASEMENT LINE.
 3. GRIPPER (END OF PIPE- TYPE) PLUG SHALL BE SCH 40 FIPT ADAPTER WITH SCREW CAP.
 4. 4" X 4" PRESSURE TREATED LUMBER POST.
 5. 4" OR 6" SCH 40 PVC VERTICAL STANDPIPE.
 6. MANHOLE/PIPE BOOT ON PRECAST MANHOLES AND CONCRETE COLLARS ON BRICK OR BLOCK MANHOLES.
 7. 4" OR 6" DIP, OR 4" OR 6" SCH 40 SOLID WALL PVC PIPE.
 8. #57 STONE EMBEDMENT.
 9. 4" OR 6" SXB 45° BEND (SCH 40 PVC).
 10. 4" OR 6" PVC PIPE TAILPIECE (SCH 40 PVC - LL + 36" MIN.).
 11. TEST-KAP OR END-CAP TEST CAP BY CHERNE INDUSTRIES OR APPROVED EQUAL. SCH 40 GLUE ON CAP.
 12. 4" X 4" X 4" OR 6" X 6" X 6" 45° ALL BELL WYE (SCH 40 PVC).
 13. VALVE BOX ASSEMBLY (TYP.). FOR 6" CLEANOUTS AND CONCRETE PAD, VALVE BOX TO BE REPLACED WITH US FOUNDRY MODEL 7610 COVER, EJ CORP #1570Z, OR APPROVED EQUAL.

- NOTES:**
- A. 4' MIN. DIAMETER (5' MIN. DIAMETER FOR INSIDE DROP).
 - B. 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'.
 - C. MATCH CROWNS UNLESS THE LATERAL IS THE SAME DIAMETER AS THE MAIN LINE PIPE. THEN A DROP OF 0.2" BETWEEN INVERTS WILL BE PROVIDED.
 - D. MINIMUM PIPE SLOPES: 4" PIPE IS 1.50% AND 6" PIPE IS 1.25%. MAXIMUM SLOPE FOR ALL PIPE SHALL BE 10%.
 - E. CONCRETE THROUGH TO BE CUT TO DIRECT FLOW FROM PIPE CONNECTION TO EFFLUENT PIPE.
 - F. TRACER WIRE INSTALLED PER CLTW TRACER WIRE DETAIL AS APPLICABLE.
 - G. CUT LETTER "S" IN CURB WHERE PIPE CROSSING UNDER CURB AND PAINT WITH GREEN PAINT. IF NO CURB, PAINT "S" IN PVMT.
 - H. TYPE 3 GRANULAR BEDDING REQUIRED IF GROUNDWATER, ROCK, OR UNSTABLE SOIL IS ENCOUNTERED.
 - I. THIS STANDARD DETAIL IS FOR USE ON DEVELOPER INSTALLED GRAVITY SEWER PROJECTS ONLY.