



NOTES:

- ① Factory-fabricated wye in sewer main, with 1/8 bend. Bend shall point downstream and enter main at a vertical angle of not less than 5° nor more than 45°.
- ② Sewer lateral pipe and fittings shall be Schedule 40 ABS, SDR 35 PVC, or Class 150 cast iron waterline, with a minimum diameter of 4", and a minimum slope of 2%. Pipe segments shall be joined per pipe manufacturer's recommendations. Lateral installation shall begin at main and proceed to cleanout. Grade shall be uniform from main to property line. Changes in grade of lateral shall be made using long-radius bends. Cement or hot-pour joints will not be permitted. Pipe materials shall be cut using only approved tools and methods. Snap-cutters, abrasive saws and hack-saws can be used as appropriate for each pipe material. Chipping or hammering pipes is not allowed. Chipped, cracked, broken or otherwise damaged pipe shall be removed and replaced with new pipe.
- ③ Top of curb shall be marked with an "S" directly over lateral. The "S" shall be stamped in new concrete or chiseled into existing concrete, and shall not be less than 3" long, 2" wide and 3/16" deep.
- ④ When non-metallic pipe is used, magnetic tracer tape shall be placed in trench over lateral from sewer main to cleanout at a depth of 24", and then up to surface.
- ⑤ Depth of lateral shall not be less than 3' from top of pipe unless constructed of C900 Class 200 waterline or encased in concrete. Maximum depth at gutterline shall be 5' when terrain is flat.
- ⑥ A minimum separation of 18" shall be maintained when crossing waterlines.
- ⑦ A cleanout shall be installed if called for on the plans or for new laterals where the distance between the right of way and the building is greater than 100' or where no cleanout exists at the building. The cleanout shall consist of one-way cleanout wye, riser, and cleanout fitting with plug. Tee shall be plugged at night during construction and left plugged when backfilled, if not tied to user.
- ⑧ New sewer lateral pipe installed by pipe bursting shall be HDPE PE 3408 SDR 17.

THIS STANDARD APPLIES TO NEW AND MODIFIED LATERALS. THE ABOVE REQUIREMENTS MAY BE MODIFIED OR WAIVED ONLY WITH THE APPROVAL OF THE CITY UTILITIES DEPARTMENT.

REVISIONS	BY	APP	DATE
Revise Note 2	DVB	BL	11-08
Rev Note 5 Class 200	BL	JDW	10-03
Add Note 8	DVB	BL	11-08
STANDARD CURRENT AS OF:		January 2010	



SEWER LATERAL