



Department of Public Works
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Sanitary Sewer Specifications

The following specifications apply to sanitary sewer services in Laconia:

- Plastic pipe, SDR 35 PVC, 4 inch diameter minimum for residential use
- Pipe should be laid on a constant grade; the minimum is 1% (1/8 inch per foot)
- Sewer pipe should be laid in a bed of 3/4 inch stone that is 4 to 6 inches deep; a minimum of 6 inches of sand should be placed above the pipe
- Horizontal bends should be made with proper SDR-35 fitting (NOT FERNCOS) and should not exceed 45° (an eighth bend)
- Clean-outs should be placed at no greater than 75-foot intervals. The clean-out standpipe should start with a wye off the top of the service and then a 45° fitting (an eighth bend) should be added to bring the standpipe to a full perpendicular (90° rise). Clean-out(s) should be brought within 6 inches of surface grade. In cases involving pavement, the upper end of the pipe should terminate in an access casting.
- At a point where the SDR-35 pipe reaches within 5 feet of the building foundation, the type of pipe should change to provide for a schedule 40 pipe to pass through the building foundation. The proper fitting for this transition is an adapter with a spigot on one end (to slip into the O-ring on the SDR-35 pipe) and a hub on the other end (to receive the Schedule 40 pipe [glued joint]).