

SEWERS AND SEWAGE DISPOSAL

235 Attachment 2

Township of White

Attachment 2

Technical Specification for Construction of Service Line Extensions

Effective Date: May 9, 1990

[Amended 9-11-1991 by Ord. No. 911B]

1. The service line extension (a.k.a., house lateral), extending from the property line to the premises, shall be subject to the detailed requirements and specifications of the Township, as follows:
 - A. General. The installation of the service line extension shall be made by skilled and qualified workmen. The contractor for the customer shall notify the Township 24 hours ahead of when the service line extension will be installed in order to permit the Township to schedule its work to provide inspection of the installation prior the backfilling of the same.
 - B. Material and size. All service line extensions shall be constructed of either six-inch vitrified glazed clay sewer pipe conforming to the A.S.T.M. Standard Specification for Clay Sewer Pipe (Designation C-13-60T); or six-inch polyvinyl chloride pipe (PVC) conforming to A.S.T.M D3034, performance specifications; or A.B.S. Plastic conforming to A.S.T.M. – D-2661 (Schedule 40).
 - C. Joints. Vitrified clay sewer pipe shall be fitted with an approved factory made precast joint attached to the pipe, conforming to A.S.T.M. Standard Specification C-425-60T, Type I or Type III joint; and P.V.C. pipe and fittings shall be of the bell and spigot type with rubber ring sealtight gaskets or solvent welded joints; and A.B.S. Plastic pipe to be joined by the “O” ring gasket supplied by the pipe manufacturer or by solvent weld.
 - D. Grades. Unless otherwise authorized, all service line extensions shall be laid at a grade which will insure a minimum velocity of two feet per second at half full, or 1/4 inch per lineal foot.
 - E. Connection to building sewer. The six-inch service line extension must extend to within 24 inches of the footer or foundation. The connection must be made with fittings of the same specifications as the service line extension. Watertight rubber connectors with stainless steel tightening bands may be used.
 - F. Trenching and backfilling. All excavations shall be open trench work unless otherwise authorized by the Sewage Enforcement Officer. The service line extension must be laid in a straight line, as nearly as possible at right angles to the street and avoid obstacles. The foundation of the trench shall be formed to prevent any subsequent settlement of

WHITE CODE

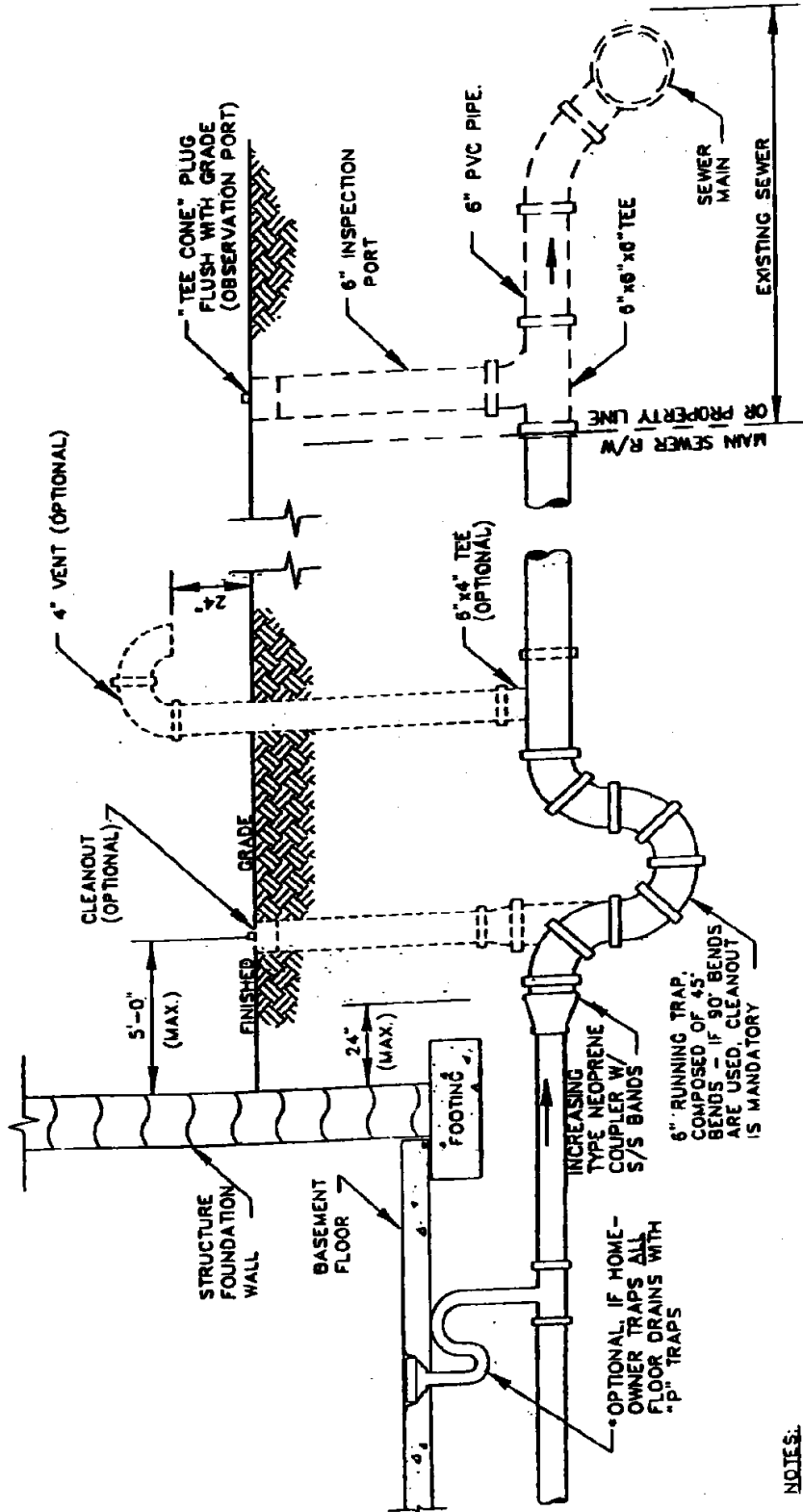
the pipes. If the foundation is good and firm earth, the earth shall be paved or molded to give a full support to the lower quadrant of each pipe. If rock is encountered at the trench bottom, the excavation shall be carried below the bottom of the pipe for six inches and the excavation backfilled with earth or fine gravel and sand mixture, well tamped to proper grade. No house lateral shall be laid in the same trench with gas pipe, water pipe, or any other facility of another public service company, nor within three feet of any open excavation or vault. Backfilling shall be placed in layers and solidly tamped or packed up to two feet above the pipe. Backfilling shall not be done until final inspection is made by the sewer inspector.

- G. Traps. A trap shall be placed on either: (1) the service line extension, or (2) each of the floor drains. The location of the trap shall be at the owner's option, but one or the other option shall be implemented.
 - (1) Running trap on service line extension. If placed on the service line extension, the trap shall be a "running trap" located within five feet of the foundation of the building. To aid in cleaning the line, it is strongly recommended that the trap be equipped with a water tight clean-out which should extend at least six inches above the finished ground elevation.
 - (2) Floor drain traps. If floor drain traps are installed, they shall be of the P-trap design and shall be installed at each floor drain location, to include basement floors and any garage floors.
- H. Use of old service line extensions. Old service line extensions, or portions thereof, may be approved for use by the Sewage Enforcement Officer. The Sewage Enforcement Officer may request that the old line be excavated for the purpose of facilitating inspection. No cesspool or septic tank shall be connected to any portion of a service line extension that is also connected to the public sanitary sewer.
- I. Inspection. The inspect of the Township, properly identified, shall have access to the customer's premises at all reasonable hours for the purpose of testing and inspecting service line extensions. Each and every part of the service line extension and those portions of the building sewer located below floor grade, to include floor drains, shall be inspected and approved by the inspector before being concealed or backfilled.
- J. Illegal connections. No rain leaders, foundation drains, driveway drains, surface water catch basins, down spouts, field drains, or any other type of non-sanitary sewer line shall be connected to any portion of a service line extension or house sewer.
- K. Grease traps. Grease traps shall be provided on service line extensions where required by §§ 235-50 and 235-56 of Chapter 235, Sewers and Sewage Disposal. Grease traps shall be sized for a capacity convenient for the applicant/owner; however, it shall be large enough to hold six months estimated grease accumulation from the premises.
- L. Inspection port. Where the service line connection meets the service line extension, an inspection port shall be installed. The inspection port shall consist of a tee with a six-inch riser pipe extending to the surface of the ground, ending with a screw type plug. At

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no time subsequent to its installation shall the property owner allow the inspection port to be covered over or removed from view.

Drawing A



NOTES:

1. PVC PIPE MUST MEET OR EXCEED ASTM D3034 PERFORMANCE SPECS.
2. ABS PIPE MUST BE ASTM D-2861 (SCH. 40)
3. PIPE SHALL BE "O"-RING GASKET OR SOLVENT WELD TYPE.
4. MINIMUM SLOPE 1/4" PER FOOT.
5. NO FOUNDATION, YARD, ROOF DRAIN OR ANY OTHER CONNECTIONS PERMITTING ANYTHING OTHER THAN SANITARY SEWERAGE (AS DEFINED BY TOWNSHIP ORDINANCE) SHALL BE DISCHARGED TO THE SANITARY SEWER.

LATERAL DETAIL
NOT TO SCALE