

Taylor's Fire and Sewer District

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Sanitary Sewer Service Connection Specifications

Effective Date: February 28, 2007

Amended: January 10, 2012

1. All service connections or re-connections to the sanitary sewer main or the systems lateral stub-outs shall be performed by a **Licensed South Carolina Plumber or Utility Contractor having a Water & Sewer Lines Classification.**
2. New service connections or re-connections to Taylor's Fire & Sewer District mains shall be performed using one of the following methods:
 - a. Taps of clay, iron, or concrete mains by boring the appropriately sized hole for the service and the installation of an approved watertight saddle fitting.
 - b. Removal of a section of the main, not less than five (5) feet in length, and install an in-line service wye or other approved service line connection.
3. Service line installed within public right-of-ways shall be of **schedule 30347 PVC encased in gravel** or ductile iron pipe.
4. Service lines installed within public right-of-ways, less than twenty-four (24") inches in depth, (less than sixteen (16") inches in depth under the bottom of road ditches or storm drains), shall be of ductile iron pipe.
5. All connection fittings shall be of the same material as the piping and provide a watertight joint. Mechanical couplings (i.e. MJ couplings) shall be used to join PVC to clay, clay to clay, clay to iron, and PVC to iron to provide a watertight joint.
6. **Sewer service lines from the main to the boundary line separating public and private property shall be six (6") inch diameter pipe laid on a one percent (1%) slope, (1/8" per foot).** The size requirement may be waived where the sanitary sewer main is six (6")

inch or four (4") inch diameter, and/or where grade conflicts with other utilities preclude its use.

7. **All newly constructed, replaced, or rehabilitated service lines shall be constructed to include a four (4") inch clean-out placed at a grade, as close to the property/public right-of-ways boundary line as practical.** The clean-out shall be constructed with a PVC screw cap and water valve box labeled sewer (see Clean-Out Detail attached).
8. The contractor shall insure that existing sanitary sewer service stub-out, within the public right-of-ways, is in good condition and operable before connecting a private serviced line. (The contractor shall contact Taylors Fire & Sewer District to have the service line televised or otherwise inspected before making any connection to a sewer stub-out/service line; the contractor shall schedule with Taylors Fire & Sewer District at least one (1) business day in advance. **Taylors Fire & Sewer District will only televise or do inspections on Monday through Thursday from 8:00am until 4:00pm.**
9. Service connections to manholes may be approved at the sole discretion of Taylors Fire & Sewer District, where connection to the main is not practical. Permitted connections shall enter the manhole at the shelf and have an invert formed to direct the flow downstream. Inside drops will only be approved on manhole ten (10') feet in depth or greater, and shall be constructed of schedule 40 PVC piping anchored to the manhole walls within stainless steel straps, and entrance tee, and the appropriate fitting and invert reconstruction to direct the discharge into the downstream flow stream.
10. Contractors working within State or County right-of-ways shall obtain the required encroachment permits.
11. A copy of the Taylors Fire & Sewer District Sewer Connection Permit, the County Plumbing Permit, and the appropriate Road Encroachment Permit (if applicable), **must be posted at the job site during the work to obtain Taylors Fire & Sewer District approval at completion.**
12. **All** new connections to the sanitary sewer mains or stub-outs require a connection permit **before** excavating.
13. **All** corrective or rehabilitation work performed on existing services, **including the repair of line segments on private property,** require the original Taylors Fire & Sewer District

Sewer Connection Permit to be pulled and a Revised Sewer Connection Permit will be issued before excavating.

14. All new and corrective work performed shall be inspected by Taylors Fire & Sewer District inspector before backfilling. A twenty-four (24) hour advance notice for final inspection is required. Inspections will only be scheduled between Monday through Thursday from 8:00am until 4:00pm. No inspection will be performed on Fridays, Weekends, or Holidays.

This specification shall supersede all previous regulations concerning the connection, repair, or rehabilitation of sanitary sewer service lines within Taylors Fire & Sewer District.

