



P.O. Box 400 * St. Francisville, LA 70775

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SEWER SPECIFICATIONS FOR NEW INSTALLATIONS

The following specifications shall govern the materials and methods to be employed in the installation of residential or commercial sewers and their tie-in to the sewer system:

1. Intent:

It is the intent of these specifications to insure tight workable sewers that will minimize infiltration and involve a minimum of maintenance on the part of both the property owner and the Utilities Department.

2. Excavations:

All excavations shall be carried to a depth and grade for bedding the bottom of the pipe barrel on undisturbed soil. If the trench is inadvertently cut too deep or to improper grade at any point the bottom shall be brought to proper grade for bedding the pipe as required per soil conditions. No excavated material or any material other than specified above shall be placed in the trench below the pipe. The width of the excavation should in no case exceed 18" at an elevation 6" above the top of the pipe.

3. Pipe and Fittings:

Must be in accordance with the Louisiana State Plumbing Code, 2013 edition. No building sewer shall be less than 4 inches in size.

4. Installation of Pipe:

4.1 Bedding - The pipe shall be bedded either on the undisturbed soil of the trench bottom or a bedding composed of river sand or a mixture of equal parts of river sand and clam shells. The trench bottom or bedding shall be relieved in a way of each ball or coupling so that all weight is uniformly supported by the full length of the pipe barrel. As the laying of the pipe progresses select material from the excavation shall be worked around the pipe up to the centerline taking care to maintain the pipe alignment and grade.

4.2 Laying and Jointing:

4.2-1 All pipe shall be laid true to lie and grade in accordance with the Louisiana State Plumbing Code, 2013 edition.

4.2-2 All water shall be excluded from the trench during laying and jointing.

4.2-3 All changes in direction shall be made with "wye" and bend fittings providing a cleanout at each change of direction.

4.2-4 The use of cement mortar joints or joints using any rigid material is expressly prohibited. All joints shall be carefully made in strict accordance with the pipe manufacturer's instructions taking special care to exclude all foreign material from the sealing surfaces and to fully seat each joint. If it is necessary to cut a length of pipe, the cut end shall be joined by a special adapter furnished by the pipe manufacturer for this express purpose. In connecting to pipe or joint of a different manufacturer, the connecting shall be made by using an adapter supplied by that pipe manufacturer or as supplied by Fernco Joint Sealer Company or an approved equal and in all cases expressly designed by the manufacturer for the two pipes and joints involved.

4.2-5 The actual connection to the sewer will be made through an increaser where required and a 6-inch "wye". From the outlet of the "wye" a 6-inch cleanout will be extended to within 6" of the ground service. The cleanout and extension will not be installed until after the line has passed the **FIRST INSPECTION** from the Department of Utilities.

4.2-6 A 4x4x6 check valve must be installed within 3' from the house.

4.2-7 A plastic or metal box must be placed over the 6-inch cleanout. The box must be plainly marked "sewer".

5. Traps and Vents:

To eliminate a potential hazard, the property owner shall insure and certify as a condition to receiving permission to tie into the sewer that all fixtures and particularly those with concealed piping such as tubs, showers, and washing machines are properly trapped and vented prior to connection to the sewer system.

6. Roof and Area Drains:

The property owner shall insure and certify as a condition to receiving permission to tie into the sewer system that NO roof drains, swimming pools or other non-sanitary features are or will be connected to the sewer system.

7. Septic Tanks: NOT PERMITTED IN TOWN.

8. Inspection and Test:

Prior to backfill, the property owner shall call the Department of Utilities to schedule the FIRST INSPECTION. The inspector shall walk the pipe to insure that each length is firmly bedded and undisturbed by his weight on any portion of the pipe. The inspector may, admit a 3" diameter wooden ball through the cleanout at the house to check for adequate slope and freedom of obstructions. Evidence of any significant infiltration, failure to freely pass the ball, cracked pipe or fittings, improper bedding, improper joints and/or any deviation from these specifications will be grounds for rejection and refusal of connection to the sewer system until all deficiencies are corrected.

9. Backfill:

After the **FIRST INSPECTION** has been approved, the property owner shall backfill with selected material from the excavation and install the boxes at final grade. Once this is complete, the property owner shall call the Department of Utilities for the **SECOND INSPECTION**.

PLEASE NOTE THE FOLLOWING:

- Before backfilling, contact the Department of Utilities to schedule the **FIRST INSPECTION**.
- 6-inch clean out – 45 degrees (*must* be able to open box and access cleanout)
- No 90 degree from house connection to check valve-must be two 45 degrees.
- 6-inch clean out-plastic or metal box. (*Box is required*)
- 4-inch check valve-plastic or metal box. (*Box is optional*)
- Additional 4-inch clean outs-plastic or metal box. (*Box is optional*)
- Boxes must be plainly marked “sewer” or nothing marked on it.
- Boxes marked “water” will be rejected.
- Metal ring is required if in the driveway.
- The Town maintains 6-inch cleanout. Customer maintains 4-inch check valve and 4-inch cleanout.



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SEWER INSPECTIONS FOR NEW INSTALLATIONS

SEWER INSPECTIONS:

A **FIRST INSPECTION** of sewer lines is required once you connect to the public sewer system, but before you cover the sewer lines. After your sewer line has been inspected and backfilled, you must call the Utilities Department for a **SECOND INSPECTION**. The **SECOND INSPECTION** is to verify that you have installed a sewer box level to the ground at final grade over the 4-inch check valve (box optional). 4-inch cleanout (box optional), and 6-inch cleanout (box required). The property must be to final grade when installed.

INSPECTION DEFINITIONS:

FIRST INSPECTION – Inspection of uncovered lines after connection to the public sewer systems.

SECOND INSPECTION – Inspection for box covers level to the ground at final grade. Property must be final grade when installed.

**PLEASE CALL THE UTILITIES DEPARTMENT AT (225) 635-3688 TO
SCHEDULE A SEWER INSPECTION.**