

SEWER SERVICE INSTALLATION GUIDELINES

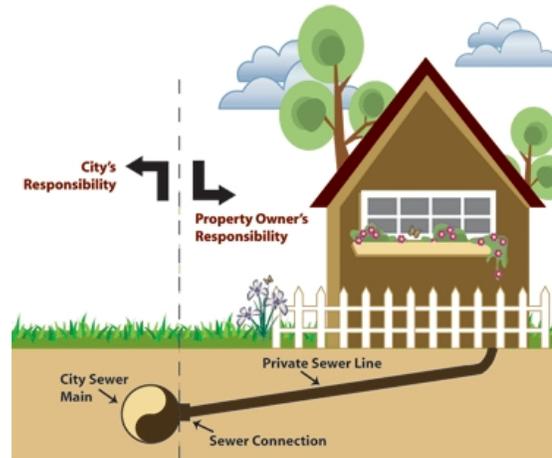
STEPS FOR SEWER SERVICE INSTALLATION

RESPONSIBILITY OF SEWER AND OWNERSHIP

The Norwich Sewer System is divided into two (2) components:

City owned main line sanitary sewer - The City owned main sanitary sewer consists of all main line piping, manholes, structures, and appurtenances located within the publicly owned right-of-way or City easements. The City shall be responsible for maintenance, repair and installation of new and existing main line sewers.

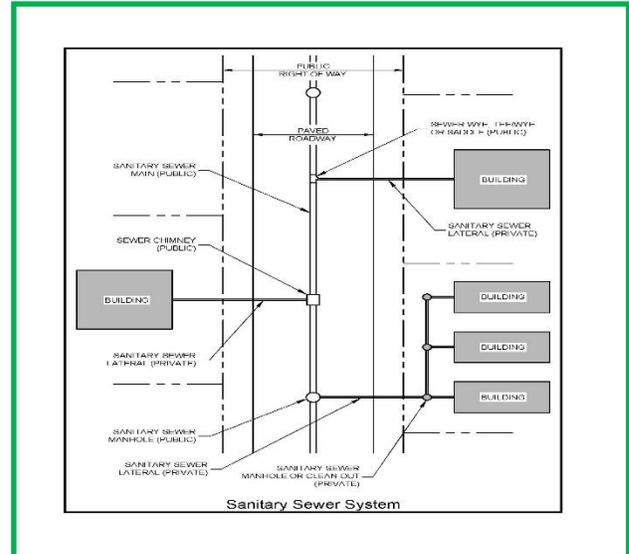
Privately Maintained Sewer - The privately maintained sewer consists of the pipe from the building to the City owned main line sewer, including the connection with the main line sewer at the "Y" branch or saddle connection through to the internal face of the building foundation. This portion of the building sewer is the responsibility of the property owner, who is responsible for costs associated with the furnishing, installation, repair, maintenance and replacement of this pipeline.



Follow these simple guidelines to ensure that your sewer service is installed safely and efficiently.

1. Owner must complete NPU sewer connection permit. Permit can be obtained at [www.norwichpublicutilities .com](http://www.norwichpublicutilities.com).
2. Prior to issuance of the permit, the Owner will be required to pay all outstanding fees, charges, assessments, and other conditions applicable to the sewer installation.
3. No person(s) shall uncover, make any connection with, alter, repair, or disturb any public or private sewer main connected to NPU pipe, or appurtenances unless a valid permit has been issued by NPU.
4. Once a permit has been issued the permittee shall obtain a Connecticut Underground Utility Permit (Call Before You Dig) number (811), and, when working outside the confines of private property, obtain an excavation permit from the proper regulatory agency.

5. No house connection may be constructed less than 5 feet horizontally from any underground gas, electric or telephone service, or less than 10 feet from a water service or main unless specifically approved by the appropriate Utility and NPU, or as noted in the State of Connecticut Public Health Code and as amended.
6. No trench containing a sewer lateral or other appurtenance shall be backfilled until the NPU authorized agent has completed an inspection and found the work to conform to the requirements of NPU in all respects and to be satisfactory as to the quality of the workmanship and materials.
7. The permittee shall notify the NPU authorized agent 24 hours in advance before starting any work authorized under the permit.
8. The permittee shall notify the NPU authorized agent 48 hours in advance to arrange an inspection of the work authorized under the permit.
9. The NPU authorized agent may order all or any portion of the permitted work to be halted, revoke such permit for the work, and/or refuse inspection for non-compliance with applicable construction and/or safety requirements.
10. The permittee shall provide the NPU authorized agent a record drawing of the permitted work.



GENERAL REQUIREMENTS FOR SANITARY SEWER LATER INSTALLATION

1. Polyvinyl Chloride (PVC), ASTM D-3034, SDR 35, gravity sewer pipe integral wall bell and spigot joints with retained ring gasket.
2. Ductile Iron Pipe (DIP), Class 52 for applications where bury depth is less than 3 feet.
3. Minimum Slope = 2% (1/4" per foot)
4. Two exterior clean-outs shall be provided on all service laterals. One located directly outside of the building being served and the other as near to the edge of roadway pavement or sidewalk as practical.
5. Clean-outs shall also be provided at all sewer junctions, changes in direction, and changes in grade.

6. Pipe shall be laid on an even-tamped foundation of coarse sand, fine gravel or $\frac{3}{4}$ " crushed stone.
7. Backfill material shall be compactable materials, not frozen and free from clods of earth, stones larger than 2" in diameter, organic material, roots, stumps, peat and other unsuitable materials.

For detailed information concerning sanitary sewer installation standards and details please visit our website.

REGULATORY STANDARDS

- **Guidelines for the Design of Wastewater Treatment Works, TR-16, 2016 Edition and as amended as prepared by the New England Interstate Water Pollution Control Commission.**
- **State of Connecticut Public Health Code**