

WATER POLLUTION CONTROL AUTHORITY

STANDARD CONDITIONS FOR SANITARY SEWER EXTENSIONS & SANITARY SEWER CONSTRUCTION

Design Standards

1. Approval of construction documents by the Borough Engineer
2. Verify that the receiving sewer has capacity to accept the proposed flows. If necessary, the WPCA may require the repair of existing inflow\infiltration problems in the area where the connection is proposed before connection is allowed before connection is allowed.
3. Extend the last manhole to the far limit of the property and prepare an evaluation of the feasibility for future extensions include stub.
4. In developed neighborhoods, extend laterals to the R.O.W. line for future tie-ins. In undeveloped neighborhoods and cross-country easements a wye may be left on the main line if approved by the WPCA and Borough Engineer.
5. Developer of any property or sub-divisions of three (3) or more building lots situated within the Borough whose property line, at any point, is within five hundred (500) feet of an existing or future public sanitary sewer is required, at his expense, to install suitable toilet facilities in all houses or buildings located on said building lots, and to connect such facilities directly with proper public sewer in accordance with the provisions of this ordinance.
6. A separate and independent building sewer shall be provided for every building; except where an industrial complex, commercial or multiple dwelling installation, has provided a private sewer system on its own property to drain several buildings to an interceptor for discharge by gravity or pumping to the Borough sewer. This type of building sewer connection shall be approved by the Borough Engineer.
7. Old building sewers may be used in connection with new buildings only when they are found, on examination, TV and test by the Borough Engineer or contractor approved by the Borough Engineer, to meet all requirements of this ordinance.
8. All pipe used must conform with the latest specifications for sewer pipe as established by the Borough Engineer
9. The sewer extension shall be designed and sized to allow for all future extensions within the entire sewer shed. The applicant shall submit a study examining the feasibility of future sewer extensions and estimates of future flows.

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10. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.
11. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain, which in turn is connected directly or indirectly to a public sanitary sewer.
12. The connection of the building sewer into the public sewer shall conform to the requirements of the Borough Engineer or other applicable rules and regulations of the Borough. All such connections shall be made gastight, watertight, and root proof. The Borough Engineer before installation must approve any deviation from the prescribed procedures and materials. All work must be inspected and approved prior to backfilling. All Saturday or Holiday or after hours inspection must be paid for by the developer prior to Certificate of Occupancy.
13. Provide cleanouts each 75 feet of laterals to grade with a cast iron access box, Campbell #4164 or Neenah #R1075.
14. Provide 10-foot minimum separation distance for sewer and water lines.
15. Manholes in easement areas shall be installed with locking covers.
16. All work shall adhere to Borough ordinances and the "GUIDES FOR DESIGN OF WASTEWATER TREATMENT WORKS" TR-16, New England Interstate Water Pollution Control Commission.

Permits and Fees

1. All sanitary sewer extensions or sanitary sewer work in the town Right of way shall be bonded at 110 % of the value of the work. The bond amount shall be approved by the Borough Engineer. Bonds shall be of type and format approved by the Borough Engineer and Borough Attorney. Sewer bonds shall only be released following submittal and approval by the Borough Engineer of as-built drawings and sewer inspection information and reports.
2. Obtain a Street Opening Permit prior to constructing the sewer main line.
3. Obtain a Sewer Permit for the laterals and pay connection fee prior to submitting for a Building Permit for individual lots or buildings.

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4. All costs and expenses incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the Borough for any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

Construction

1. Contact Call-Before-You-Dig at 1-800-922-4455 before beginning excavation.
2. The connection of the building sewer to the building drain shall be made with a rubber ring or adaptor fitting so as to have a watertight and root proof joint. No other joint shall be approved.
3. All sewer construction must conform to the Water Pollution Control Ordinances and the Borough of Naugatuck Engineering Department sewer construction details and specifications.
4. The connection of the building sewer into the public sewer shall conform to the requirements of the Borough Engineer or other applicable rules and regulations of the Borough.

Inspection

1. Prior to installation of required sewers, the developer shall apply to the Engineering Department for a permit, and apply to the Borough Engineer for an inspection. There shall be **one-week notice** to the Borough Engineer prior to the need for an inspection. The inspector shall be on the job at all times during construction. The application shall be supplemented by plans, specifications, and other information as deemed necessary by the Borough Engineer. Upon approval of the permit, the applicant shall enter into a contract with the Borough to reimburse the Borough for inspection by the Borough Engineer.
2. Require a Low-Pressure Air Leakage Test and a visual inspection after backfilling.
3. Require an as-built plan and profile survey by a Licensed Land Surveyor and construction certification by a Professional Engineer that the sewer was inspected during construction and was installed in accordance with the approved plans. This shall be done prior to requesting a bond release or applying for a Certificate of Occupancy.

4. All sewer extensions shall pass low-pressure air tests and TV inspections. Videotapes, logs, and reports must be submitted and approved by the Borough Engineer prior to the acceptance of the sanitary sewer line by the WPCA.

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5. The Borough Engineering Department must inspect all sewer construction. **Twenty-four hour notification** is required prior to any inspections.
6. The applicant shall enter into a contract with the Borough to reimburse the Borough for all inspection costs or hire an impartial Engineering Company specializing in the construction and inspection of sewers to inspect and document all main line sewer work the lateral within the Town R.O.W. The inspection company shall be chosen from a list available from the Engineering Department.