

# TOWN OF MILO, NEW YORK

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## INSPECTION CHECKLIST FOR THE INSTALLATION/REPAIR OF A WATER SERVICE

A permit is issued by the Code Enforcement Officer to install or repair a water service. Any connection fees shall be determined by the Water Superintendent. It is the contractor's and owner's responsibility to obtain this permit and to comply with all applicable standards.

Contact the Water Superintendent a minimum of 48 hours prior to the start of any work. This superintendent shall approve all proposed materials, location of water service, and the connection to the water main.

- The contractor shall contact Dig Safely – NY and request a utility stake-out prior to starting any excavation work.

The Water Superintendent shall install the connection to the water main unless approved otherwise.

- Connection fees shall be paid prior to the start of any work; and

Contact the Water Superintendent to inspect the installation of the water service. The following shall be inspected prior to backfilling:

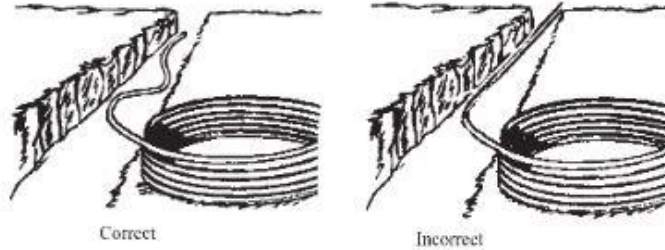
- "Lead Free" brass water works products shall meet the requirement of ASNI/AWWA C800 and the maximum lead content of S.3874 and NSF 61 Annex G. The manufacturer's designation as a Lead-Free product shall be permanently stamped or cast into the product's body. Only "Lead Free" brass water works products shall be installed in contact with potable water.
- Curb boxes shall not be covered/hidden by landscaping, pavement, gravel, sod or any other type of vegetation or structures. Curb boxes are to be installed in lawn areas that are not subject to vehicular traffic unless approved otherwise by the Water Superintendent.
- All fittings and appurtenances shall conform to the applicable AWWA standard.
- Water service line shall be HDPE SDR 9 poly with a blue stripe with a "blue" tracer wire secured (e.g., taped or wrapped around) to such line.



- Water service line shall be installed in accordance with the Plastic Pipe Institute, Polyethylene Piping Systems Field Manual for Municipal Water Applications.
  - Burial depth. A water service shall have a minimum burial depth of 54 inches.
  - Separation distance.
    - Water services shall be laid at least 10 feet horizontally from any part of a sanitary sewer system, whenever possible; the distance shall be measured edge-to-edge (pipe wall to

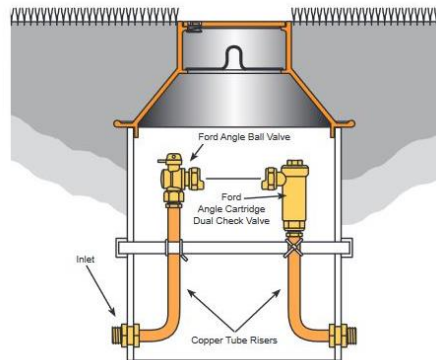
pipe wall). Where lines must cross, the water service line shall be at least 12 inches above the house sewer. If a water line must pass below the house sewer, the vertical separation must be at least 18 inches. [Reference. NYSDEC/NYSDOH laws]

- Placement. Place the water service in a prepared trench that is free of rocks and debris. Place the pipe so that it is relaxed and “snaking” loosely in the trench.

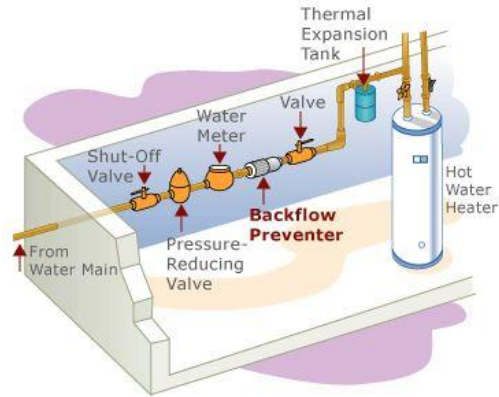


**Figure 1 – “Snaking” of water service**

- Trench bottoms should provide stable and uniform support to the pipe over its entire length. They should be free of lumps, rocks, or other material which could damage the pipe or cause localized overstressing. Do not use blocking to change pipe grade or to intermittently support pipe across excavated sections.
- All new structures requiring connection to the public water and/or a replacement of a water service outside the building shall have an approved meter pit installed. The location and type of water meter pit shall be determined solely by the Superintendent.
  - The water meter pit shall be installed on private property, as close as possible to the curb stop, typically within 5 feet of the curb stop.
  - Water meter pits shall not be covered/hidden by landscaping, pavement, gravel, sod or any other type of vegetation or structures. Water meter pits are to be installed in lawn areas that are not subject to vehicular traffic unless approved otherwise.
  - The meter pit setter shall be a minimum of 20 inches in diameter, prefabricated and shall be designed for cold weather climates.



- An approved water shut-off valve and pressure reducing regulator shall be installed within the structure. It is also required that a dual check valve (i.e., backflow preventer) be installed after the pressure reducing valve and the water meter. The required tracer wire shall be installed to terminate within the structure and have an extra 1 feet of wire wrapped near the inside shut-off valve.
  - For properties that have a water meter pit, the dual check valve shall be installed after the pressure reducing valve within the structure.



Contact the Code Enforcement Officer to inspect the interior plumbing work.

- An interior cleanout is required at the foundation wall; and
- Sewage shall be the only source discharged to the grinder pump. Discharges from unapproved sources (e.g., sump pump, tankless water heater, etc.) is prohibited; and
- Interior work shall be in accordance with the NYS Uniform Code.

