

Varick Water District No. 4 General Instructions

Responsibilities:

- Owner/Contractor must complete application. All information is required.
- Application must be on file at Town Clerk's office prior to start of construction.
- Contractor must have liability insurance certificate and workman's comp. insurance certificate if applicable on file with Town Clerk prior to construction.
- Contractor must notify inspector (via phone) of date and time of actual work.
- It is the responsibility of the contractor to contact the Inspector for any clarification of the rules and regulations of the Water District.
- It will be the responsibility of the contractor to report and repair any underground utilities, septic systems, drain tile etc. he may disturb during construction.
- The Inspector's responsibility is only the water service and related equipment.
- It will be the responsibility of the property owner to hire a contractor who is qualified in the area of excavation, piping, safety etc.
- Highway work permit may need to be obtained by contractor if performing work on NYS Route 89 right-of- way

Requirements:

- All work will be open trench, minimum 6 inches, and requires inspection and pressure test prior to backfill.
- **24 hour prior notice required for inspection.**
- Inspection hours are 9:00 a.m. to 4 p.m. Monday through Friday.
- Each dwelling shall have an individual service and meter.
- The plumbing in each dwelling will be inspected prior to meter installation.
- Well/Lake water must be an independent system and piped to an outside hose bib. No cross connections or open fittings in the dwelling will be permitted
- Contact Dig Safely for utility stakeout

Pipe Material:

- $\frac{3}{4}$ inch K copper or 1 inch high density polyethylene for services up to 150 feet in length.
- 1 inch K copper or 1 1/4 inch high density polyethylene for services over 150 feet in length.
- High density polyethylene must be 250 PSI rated.
- If using high density polyethylene, a tracer tape must be installed 1 to 2 feet below surface.
- If using copper pipe, it can be bedded in clean, stone free material.
- Stainless steel stiffeners must be used at all connections when using polyethylene pipe.
- Polyethylene pipe must be CTS & must meet ASTM #D2737 SDR-9 specs.

- No PEX pipe permitted.

Bedding:

- 6 inch of sand or stone dust all around pipe.

Fittings:

- Flared type of compression in trench.
- Brass IPS inside dwelling.

Minimum Cover:

- 4 feet 6 inches in lawns.
- 5 feet under driveways.

Meter:

- Meter will be furnished and installed by the Town.

Non-Meter Pit Installation

Valves:

- Brass full flow ball type $\frac{3}{4}$ inch. One before meter and one immediately after meter.
- Meter requires 7 $\frac{1}{2}$ inch laying length.
- $\frac{3}{4}$ inch tail pieces must be installed by contractor prior to meter installation, supplied by town.

Meter Location:

- Immediately inside basement wall at same elevation the service line enters basement. Location will be determined by the inspector.
- Alternate location is a meter pit.
- No fittings are permitted ahead of meter.

Meter Pits:

- Shall be required for
 1. Buildings without full basements.
 2. Buildings over 150 feet from curb stop.
 3. May also be required at Town's discretion.
- Shall be furnished by Town, but installed by property owner's contractor at property owner's expense.
- Shall be installed over 6-8 inch of #2 stone and be backfilled with suitable material and be tamped at each 6-8 inch lift.
- Shall be installed in lawn 3 inches above grade so water won't pond on top of meter pit.

Acceptable Installations After Meter Pits:

- Connect to existing well/water lines with approved fittings
- Use of yard hydrants with approved fittings
- Less than minimum cover permitted with approved fittings and pipes

Right of Entry:

- Town representative will have right to enter dwelling to inspect meter location, service entrance and inside piping.

Additional Note:

It is the object of the Town Board and Water District Employees to have everyone's service installed with the least amount of inconvenience. The water district employees are employed by the Town to make sure the contractor installs the water service according to engineering specifications. Delays could develop if policy and procedures are not followed. Therefore, the Town Officials or Water District Employees should not be held accountable if such inconvenience should arise.

**Inspector: Ben Karlsen
Phone: 315-719-7844**

Have your message ready when you call, giving us as much information as possible. Name, address, telephone number and reason you are calling. Inspectors are part time employees who will return your calls as soon as possible.