

TOWN OF MILO, NEW YORK

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INSPECTION CHECKLIST FOR THE INSTALLATION/REPAIR OF A PRESSURE BUILDING SEWER

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

Contact the Sewer Superintendent a minimum of 48 hours prior to the start of any work. This superintendent shall approve all proposed materials, connection to sewer main and fees (if applicable), location of the alarm/control panel, location of pressure building sewer, and the location of any grinder pump.

- The Town is only responsible for one (1) Grinder Pump System at a lot of record. If an additional Grinder Pump System is required, a Memorandum of Understanding (MOU) approved by the Town Attorney shall be executed between the Owner and the Town; and
- No decks, fences, landscaping, porches, patios, sidewalk, walkways, or other structure shall be located within ten (10) feet of the location of the grinder pump; and
- The contractor shall contact Dig Safely – NY and request a utility stake-out prior to starting any excavation work.

The Sewer Superintendent shall install the connection to the sewer main unless approved otherwise.

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

Contact the Sewer Superintendent to inspect the installation of the pressure building sewer. The following shall be inspected prior to backfilling:

- An exterior cleanout must be installed between the grinder pump and the building; and
- Discharge line shall be 1 ¼" DR 11 HDPE 160 PSI (IPS) solid black that shall be approved by the Superintendent. Discharge line shall be a minimum of 48 inches deep, bedded in sand or placed in a PVC sleeve. A tracer wire shall be placed adjacent to the discharge line or in the sleeve. The tracer wire shall be brought up to the top of the pump tank or basin/chamber and secured in a manner, so it is accessible for a locator connection. The tracer wire shall also be brought up through the lateral assembly and secured in a similar manner. Lastly, the tracer wire shall be green in color, #12 AWG high strength copper clad steel conductor (HS-CCS) insulated with 30 mil HDPE insulation and rated for direct burial at 30 volts (Copperhead Industries or approved equal); and
- Installation of and connection at the stainless steel pressure building sewer assembly; and
- Pressure sewer check valves; and
- A pressure test shall be performed between the corporation stop and the location of the grinder pump. This test shall require 50 psi of air to be held for a minimum of 30 minutes, which shall be observed by the Sewer Superintendent.
- A minimum horizontal separation of 10 feet should exist between the building sewer and any water service. Where lines must cross, the water service 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.

Contact the Sewer Superintendent to inspect the grinder pump. The following shall be inspected prior to backfilling:

- Grinder pump basin/chamber is new, and all connections are watertight; and
- Manufacturer and model of grinder pump is one approved by the Town (e.g., Liberty 2 stage grinder pump); and
- An approved corrosion resistant shut-off valve shall be installed in the pump basin/chamber; and
- Disconnect fitting shall be a union, compression type coupling for sewage; and
- The cover/lid of such basin/chamber shall be a minimum of six (6) inches higher than the surrounding grade.

Contact the Sewer Superintendent to inspect the alarm / control panel. The following shall be inspected prior to backfilling:

- All electrical work shall be installed in accordance with the applicable provisions of the National Electric Code (NEC) and be inspected by an approved electrical inspection agency; and
- The location and installation of the E / One Sentry – Protect control/alarm panel.

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 Uniform Code.

