REPLACEMENT OF SEPTIC SYSTEM AT EAST SIDE FIRE STATION

The project consists of the replacement of the existing septic system serving the East Side Fire Station, 484 May Street, including the removal of the existing tank, installation of a new tank and drains, and related work as detailed on the engineering plans. The plans have been approved by the Naugatuck Valley Health District. The work is necessitated by the current system being beyond its service life (installed approximately 1970).
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Please note: This is a staffed and functioning fire station. At no time will construction activities hinder response by fire apparatus from the station.

The contractor will provide a price for pumping the existing tank. Once the tank is removed, a portable toilet with hand washing capability will have to be installed. The contractor will provide a price for provision and removal of the portable toilet.

The property is available for pre-bid inspection by contacting Fire Chief Ken Hanks at 203-996-6135 or khanks@naugatuck-ct.gov.

1. A benchmark shall be established and set before construction begins.
2. The primary system shall be staked out before construction begins.
3. The plan does not show any wells on adjacent properties or within 75ft of the proposed system.
4. The lot is to be served by private well.

- The system shall be located at least 25 feet from the footing drain on the side of the house where the proposed system will be located.

5. Select fill shall conform to the specifications of the State Health Department as follows:
    - No material shall be larger than the 3" sieve
    - Up to 45% of the dry weight of the sample may be retained on the #4 sieve.
    - The material which passes the #4 sieve is then reweighed and the sieve analysis started.

    <u>The remaining sample shall meet the following gradation criteria:</u>

    1. No. 4 sieve – 100% passing
    2. No. 10 sieve – 70 to 100% passing
    3. No. 40 sieve – 10 to 50% passing
    4. No. 100 sieve – 0 to 20% passing
    5. No. 200 sieve – 0 to 5% passing
    6. The percent passing the #40 sieve can be increased to no greater than 75% if the percent passing the #100 sieve does not exceed 10% and the #200 sieve does not exceed 5%
    7. The design engineer shall accept and certify the select fill.
    8. After placement, the select fill must have a percolation test performed on it. The placed fill shall percolate at 1 inch in 10 minutes or better.

NOTE: ITEMS #7 & 8 MUST BE COMPLETED BEFORE THE LEACHING SYSTEM IS INSTALLED. A REPRESENTATIVE OF NVHD MUST WITNESS THE INSTALLATION OF THE SELECT FILL AND THE PERCOLATION TEST OF THE FILL (IF REQUIRED). YOU MUST CONTACT THIS OFFICE AT FORTY EIGHT (48) HOURS IN ADVANCE TO SCHEDULE AN INSPECTION OF THE FILL.

9. The design engineer must supervise all aspects of this installation. A PE as built drawing must be submitted upon completion of the system.

The design calls for existing septic tank with 135.14 lineal ft. of 36”x12.5” cultic contactor 100 chambers = 500 sq Feet.

If access to the reserve area is difficult, you may wish to prepare the reserve area at the time of preparation of the primary area. This will limit disturbance to these areas if a repair becomes necessary. A licensed septic system installer must obtain an installation permit before any construction takes place.