

## **ITEM 11604.91 M - SEPTIC TANK**

### **DESCRIPTION**

The Contractor shall furnish and install a 4731 liter (1250 gallon) precast reinforced concrete Septic Tank at the location shown on the plans or where ordered by the Engineer.

### **MATERIALS**

All materials furnished, assembled, fabricated or installed shall be new, watertight, corrosion and decay resistant, not subject to frost damage or cracking, and in strict accordance with the details shown in the Contract Documents and in the Standard and Special Specifications.

#### **Physical Characteristics:**

The Septic Tank shall include inlet and outlet baffles, sanitary tees, or other devices to prevent passage of floating solids and minimize disturbance of settled sludge and floating scum by sewage entering and leaving the tank. Baffles shall be constructed of a durable material not subject to corrosion, decay or cracking and shall be in accordance with the plans.

Septic tank manhole and roof shall be designed by the manufacturer for a live load of at least 732 kg per square meter (150 pounds per square foot) and shall be installed in accordance with the latest NYC Building Code Requirements.

#### **Manhole Frame and Cover:**

The manhole shall conform to Section 604-2 Materials of the NYSDOT Standard Specifications. The manhole frame and cover shall be a Campbell Foundry Pattern, No. 1104 or equivalent as approved by the Engineer.

#### **Sand or Pea Gravel:**

The Sand or Pea Gravel shall conform to the Standard Specifications 703-09 and shall be installed in accordance with the Contract Drawings.

### **CONSTRUCTION DETAILS**

The Contractor shall prepare shop drawings which details the complete connection to sanitary sewer from the building and all components to be supplied.

### **METHOD OF MEASUREMENT**

The Septic Tank will be measured for payment as a Lump Sum quantity and shall include furnishing, installation and testing of all components to the point that the system is operational.

### **BASIS OF PAYMENT**

Payment will be made at the contract Lump Sum price and shall include the cost of all excavation, backfill, reinforcement, concrete, and all labor, equipment and other materials necessary to complete the work.