



Development Services Department
Building Inspection Division
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RESIDENTIAL SEWAGE EJECTOR SYSTEMS

For individual pumping units installed on private property to dispose of wastewater into a public gravity sewage collection system, the owner shall meet the following minimum building code requirements.

At plan review and prior to permit issuance, the contractor shall submit product data to the building department for review and approval unless a submittal for the pump system was previously approved. The product data shall consist of manufacturers specification sheets for both the tank and pump indicating storage capacity, alarm, pump discharge capacity, shutoff type, venting, etc.

The location of the sewage pump and tank shall be located on the plot plan. When a tree permit is issued the Planning Department shall approve the location of the sewage pump/tank prior to building's approval. The pump tank shall be located and constructed so that ground or surface water will not enter the tank. The tank shall be effectively sealed to prevent infiltration and a watertight access lid shall be provided. The distance from the pump tank to any surrounding structures shall be shown on the plot plan. Finished floor elevations and street elevations are to be shown on the plot plan.

The discharge line from ejector shall be (minimum 2") PVC or material listed for constant pressure. The line shall also be provided with an accessible check valve and ball or gate valve.

A 3/16" relief hole shall be drilled in the discharge pipe. It should be located within the wet well, 2" above the pump discharge but below the check valve per manufacturers' specifications.

Sumps and receiving tanks shall be vented through the roof. They may be combined with other vents. Vent size as required by CPC Table 703.2 for number of fixtures discharging into the sump, but in no case less than 1 ½ inch diameter.

A minimum 4" sewer line is required at point of connection of the pressurized line to the gravity feed line.