

b. ASTM D-3034 plastic pipe may be used to span the septic tank and dosing chamber if the excavation is compacted with fill material. (5-7-93)

i. The fill material must be granular, clean and compacted to ninety percent (90%) standard proctor density. (5-7-93)

ii. Placement of ASTM D-3034 on undisturbed earth is suitable, but in no installation shall there be less than twelve (12) inches of cover over the pipe. (5-7-93)

**22. Effluent Pipe Separation Distances.** Effluent pipes shall not be installed closer than fifty (50) feet from a well. (5-7-93)

**23. Septic Tank Abandonment.** Responsibility of properly abandoning a septic tank shall remain with the property owner. Septic tanks shall be abandoned in accordance with the following: (5-7-93)

a. Disconnection of the inlet and outlet piping; (5-7-93)

b. Pumping of the scum and septage with approved disposal; (5-7-93)

c. Filling the septic tank with earthen materials; or (5-7-93)

d. Physically destroying the septic tank or removing the septic tank from the ground. (5-7-93)

**008. STANDARD SUBSURFACE DISPOSAL FACILITY DESIGN AND CONSTRUCTION.**

**01. Standard Drainfield.** A drainfield consisting of an effluent sewer, one (1) or more aggregate filled trenches and a gravity flow wastewater distribution system. These standards will be the basis of acceptable design and configuration. Overall dimensions of a specific facility will depend upon site characteristics and the volume of wastewater. (10-1-90)

**02. Site Suitability.** The area in which a standard drainfield is to be constructed must meet the conditions stated in this subsection: (10-1-90)

a. Slope. The natural slope of the site will not exceed twenty percent (20%). (10-1-90)

b. Soil types. Suitable soil types must be present at depths corresponding with the sidewalls of the proposed drainfield and at depths which will be between the bottom of the proposed drainfield and any limiting soil layer (effective soil depth).

Design Soil Group	Soil Textural Classification	USDA Field Test Textural Classification	
<b>Unsuitable</b>	Gravel	10 Mesh	
	Coarse Sand	10-35 Mesh	Sand
<b>A</b>	Medium Sand	35-60 Mesh	Sand
	Fine Sand	65-140 Mesh	Sand
	Loamy Sand		Sand
<b>B</b>	Very Fine Sand	140-270 Mesh	Sand
	Sandy Loam		Sandy Loam
	Very Fine Loamy Sand		Sandy Loam
	Loam		
	Silt Loam		Silt Loam