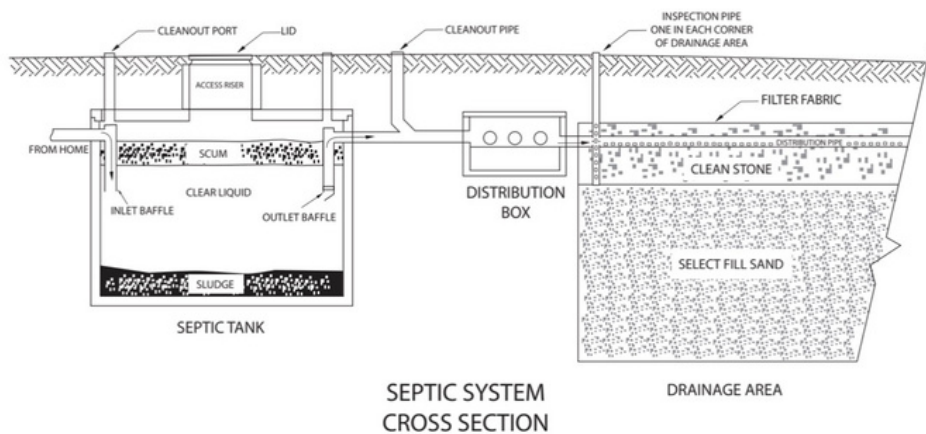


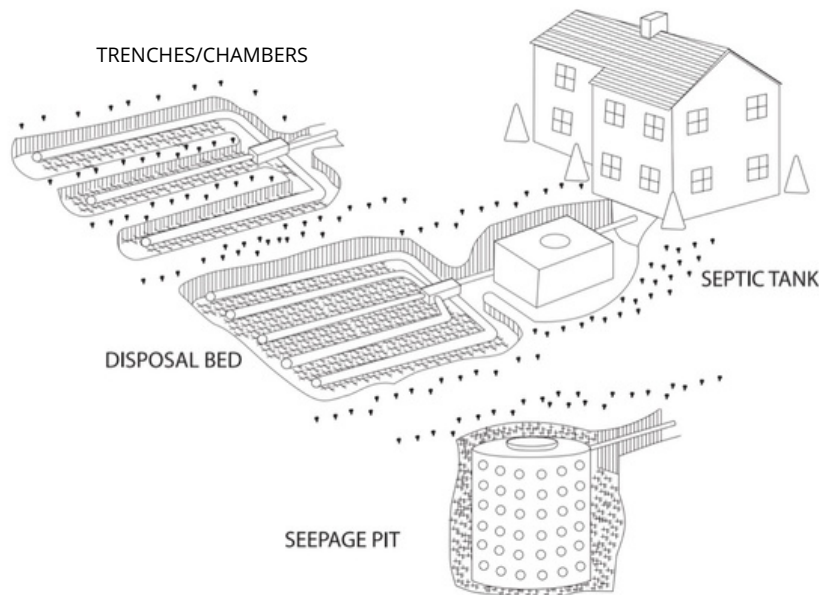
DISPOSAL FIELDS

There are three common disposal/leach field designs in Arizona. The design will depend upon the area in which you live, the soil in the area, and the elevation of the water table.

The square footage required for the disposal field is dependent on the size of the home and the condition of the soil. It is *extremely* important to know the location of your disposal field to restrict vehicle traffic in the area and ensure proper landscaping in the area.



Chambers: Chambers are poly-cast domes that go into 3ft excavated trenches and are designed for high-capacity flow. They are designed to distribute the effluent by creating hydraulic pressure with the soil. If multiple lines are required they are connected to the outlet line of the septic tank via a distribution box.



Seepage Pit: A seepage pit is a vertical disposal field. It ranges from 20-50ft in depth and 4-6ft in diameter. The pit is drilled into the ground where a perforated pipe is installed and backfilled with washed aggregate rock. The pit is then connected to the outlet line from the septic tank. If multiple pits are required they are connected to the outlet line of the septic tank via a distribution box.

Trenches: Trenches are horizontal leach lines that range from 20-100ft in length at a depth of 3-10ft. These trenches are aggregate-based, with perforated pipe and backfilled to grade. If multiple lines are required they are connected to the outlet line of the septic tank via a distribution box. (A disposal bed works the same way without individual trenches.)