

1- or 2- Family Dwelling In-ground Soil Absorption System (2-cell Conventional)

Daily Wastewater Flow (DWF) = _____ # of bedrooms x 150 gal/day/bedroom = _____ gal/day

Design Loading Rate (DLR) or Soil Application Rate = _____ gpd/ft² (per SPS Table 383.44-1, 2, or 3)

Required Distribution cell area = DWF _____ gal/day ÷ DLR _____ gpd/ft² = _____ ft²

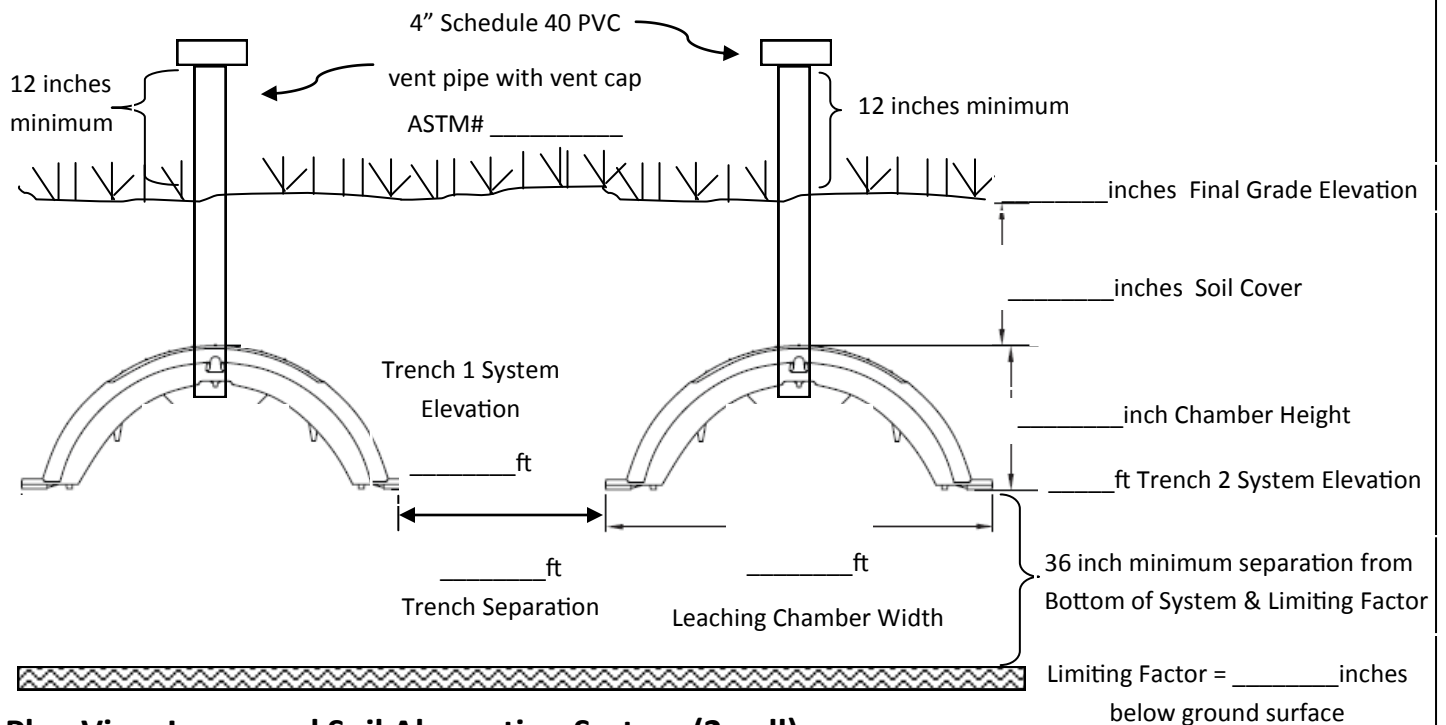
Chambers = Required Distribution cell area _____ ft² ÷ _____ ft² / unit EISA = _____ Chambers

Chamber Manufacturer and Model: _____

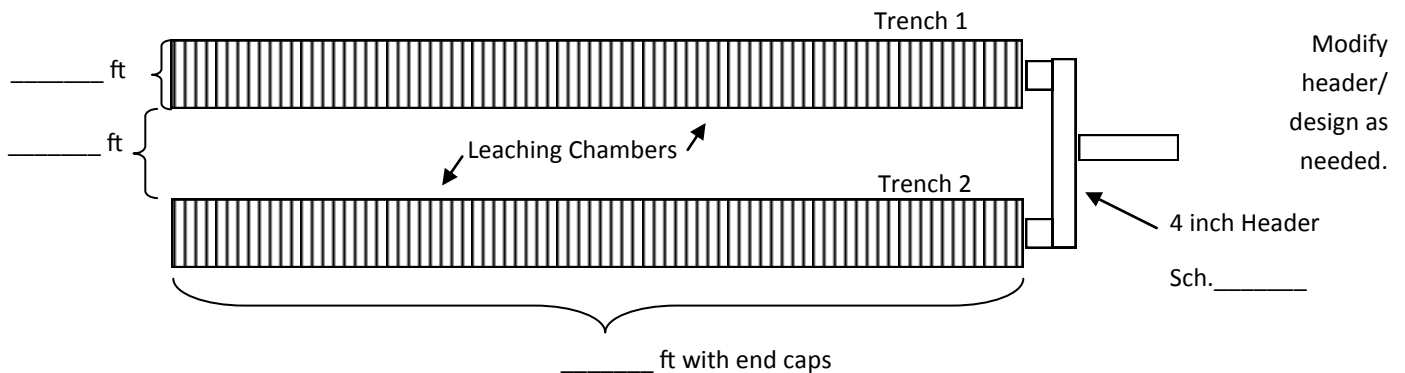
Actual Distribution Area = Total Chambers distribution area _____ ft² + _____ ft² / unit EISA End Cap Pair = _____ ft²

Cross-Section In-ground Soil Absorption System (2-cell):

Max Bury Depth = Limiting Factor _____ inches - 36 inches = _____ inches or _____ feet



Plan View In-ground Soil Absorption System (2-cell):



Draw for a Vent and for Observation Pipe above. They will be located _____ ft from the end of the cell.

Vent pipes shall be Schedule 40 PVC and extend at least 12 inches above finished grade.

Observation pipes that extend above finished grade must also be 4 inch Schedule 40 PVC.