Subsurface Filter Bed with Disposal Pit

**Overhead View**

- Effluent from septic tank to solid pipe
- Distribution box
- Limits of filter bed
- Collection pipes 4" dia. Perforated pipe laid level
- Collection pipe outlet
- Disposal pit
- Sample port to floor of filter bed pipe same as above
- Sample port to floor of distribution bed 4" diameter pipe, bottom 12" perforated

**Cross Section**

- 12" min earth cover - 36" max
- Sand Filter Material
- Collection pipes - laid level 4" dia. Min 12" of rock over and min. 2" under pipes. Mansfold pipes together.
- Distribution bed & pipes 3/4" to 2 1/2" clean rock, 4" dia. pipes laid level. Min of 12" rock under and 2" over pipes.
- Use 4" diameter SCH-40 ABS or SDR 35 PVC (or better) piping throughout.
- Untreated building paper (e.g., Red Rosin paper) or comparable barrier
- 15' horizontally to daylight or fill