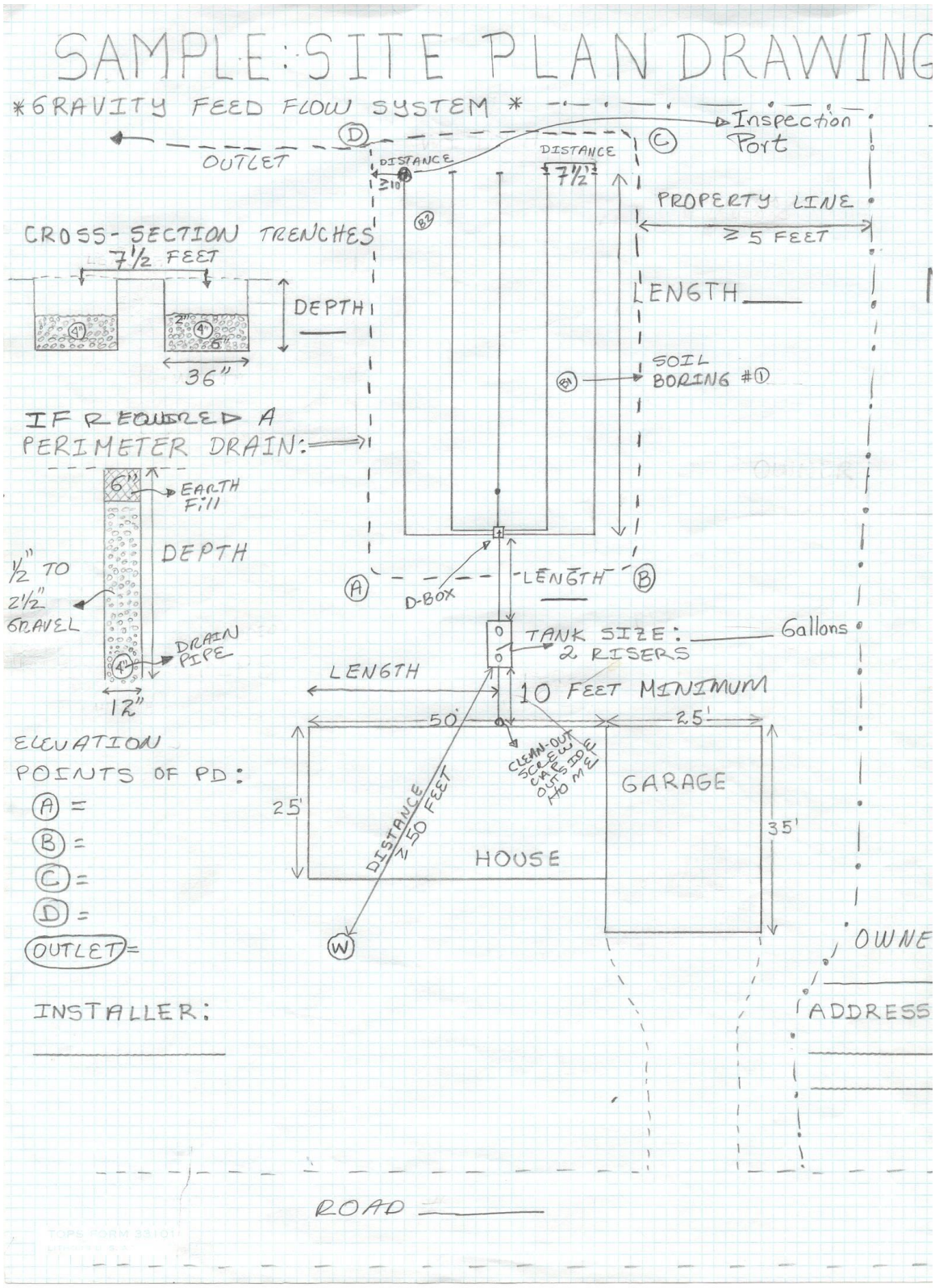
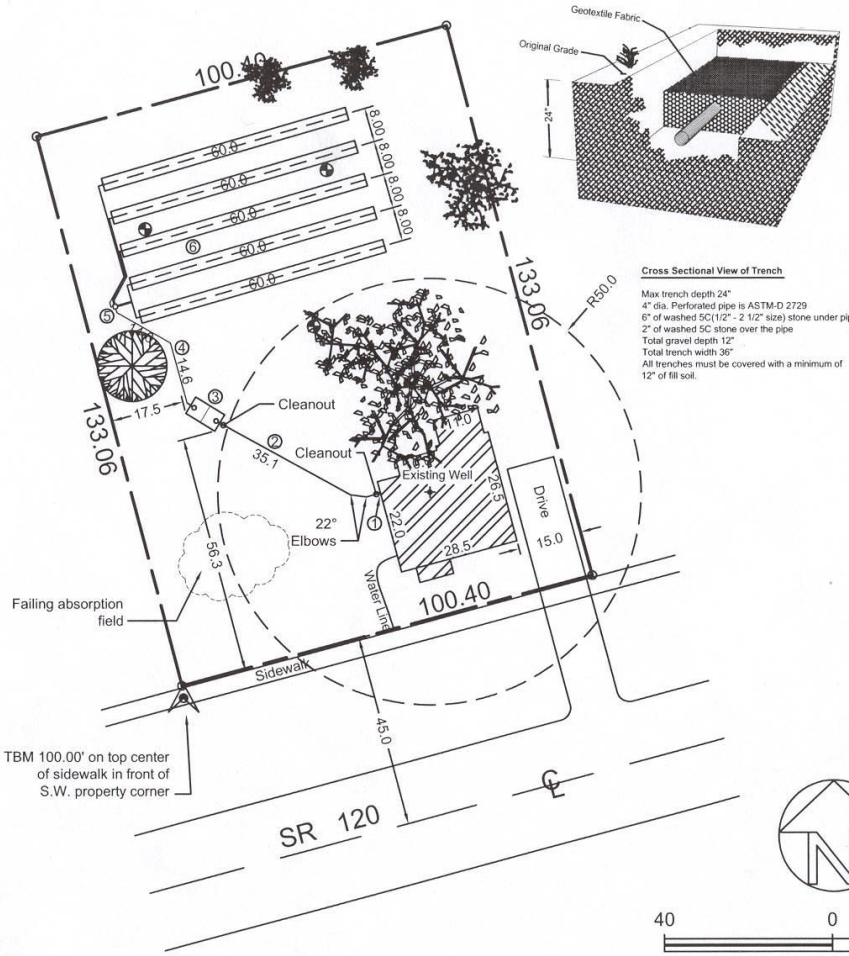
SAMPLE: SITE PLAN DRAWING





Cross Sectional View of Trench

Max trench depth 24"
4" dia. Perforated pipe is ASTM-D 2729
6" of washed 5C(1/2" - 2 1/2" size) stone under pipe
2" of washed 5C stone over the pipe
Total gravel depth 12"
Total trench width 36"
All trenches must be covered with a minimum of 12" of fill soil.

General Information

- 3 Bedroom House
- Septic system requirements
  1000 Gal. coated two compartment septic tank with riser (by Hartford Concrete)
  900 Sq. Ft. / 24" Max trench depth Gravity System
- Design:
- Five Trenches 60' long each x 3' wide = 900 Sq. Ft.
- Max. trench depth 24"
- = Location of County Health Department soil borings

Note: The beginnings and ends of each trench are flagged on-site with orange flags

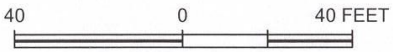
Material Key

1 Sewer line exits house
2 46' of 4" dia. ASTM-D 3034 SDR 26 with gasketed compression-type joints to septic tank (within 50' well radius)
3 1000 Gal. septic tank with riser.
4 19' of 4" dia. ASTM-D 2665 sewer line to D-Box
5 Approved distribution box with an elbow that extends within 2" of the bottom of the box on the inlet. Inlet elbow must have a 3/8" dia. vent on it's top side.
6 Absorption Trenches
Five trenches 60' long each x 3' wide =900 Sq. Ft.
Max trench depth 24"
Perforated pipes are ASTM-D 2729.
All pipes must be glued in accordance with the manufacturers recommendations
Gravel trenches must be covered with a minimum of 12" of fill soil.
Establish a grass cover over the septic system once the final cover is inspected and approved by the Health Department

Elevation Key

= TBM 100.00' on top center of sidewalk next to S.W. property corner

1 Sewer exits house no lower than 99.66'
2 Sewer exits house at I.E. 99.66', enters septic tank at I.E. 98.99'
3 Septic tank inlet I.E. 98.99'. Outlet I.E. 98.74'
4 Sewer exits septic tank at I.E. 98.74', enters D-Box at I.E. 98.64' (1.2" fall)
5 D-Box inlet I.E. 98.64'. Outlet I.E. 98.56'
6 Absorption Trenches
The highest elevation in the area of the trenches = 100.06'
The lowest elevation in the area of the trenches = 99.39'
All trench bottoms are level at 98.06'
All perforated pipes are level at I.E. 98.56'



SCALE: 1" = 40'