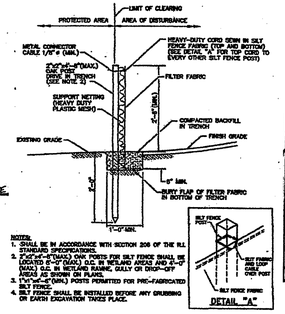
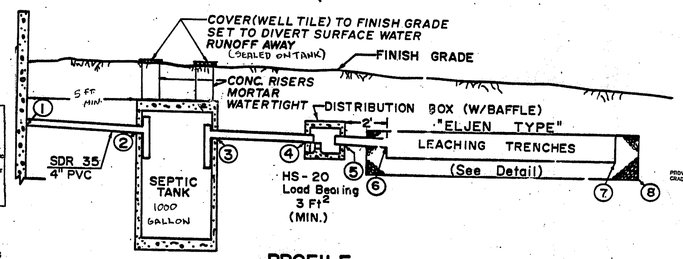
LEGEND

- ◈ = Water Table Test
- P-1 P-2 = Percolation Tests
- △ = Proposed Well Location
- ——— = Existing Contours
- – – – = Finish Contours
- BM = Bench Mark – Spike in TREE
  Elevation 105.92
  "Do Not Disturb"
- FW = Proposed Water Line
- ------ = EDGE OF
- ~~~ = 50FT PERIMETER WETLAND

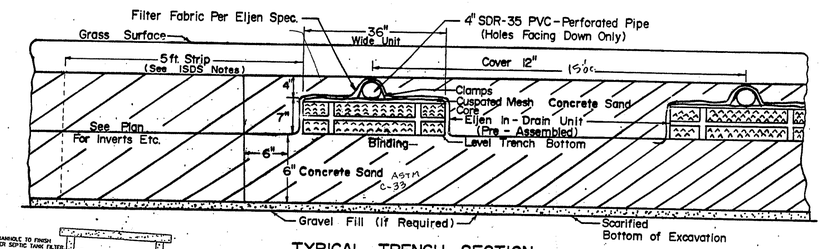


Installation of Silt Fence



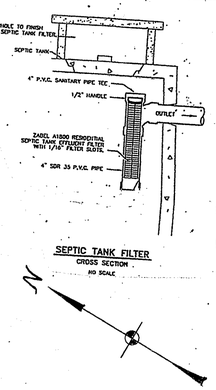
PROFILE

Scale: None



TYPICAL TRENCH SECTION

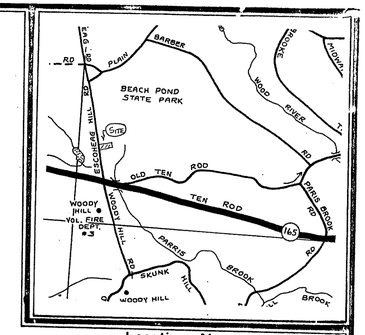
NO SCALE



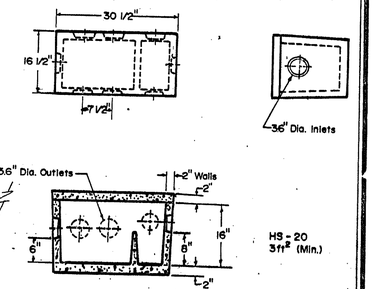
SEPTIC TANK FILTER
CROSS SECTION
NO SCALE

ELGEN IN-DRAIN NOTES

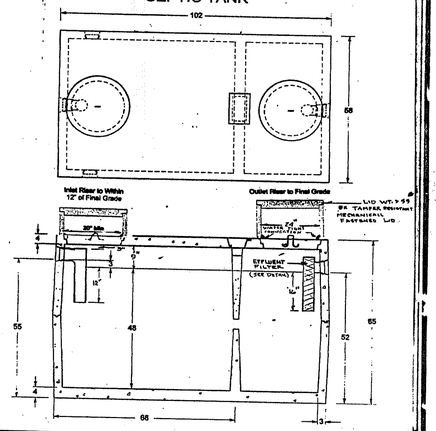
1. Bring backfill to elevation 105.71 (see note #1 of the standard notes).
2. Elgen units to be installed in accordance with the manufacturer's instructions & with the section detail on this plan.
3. Install 6" of concrete sand directly below the units & 6" around the side wall area to elevation 105.71.
4. Set Elgen units level per manufacturer's instructions.
5. Set D-lines (4" perforated pipe, sch. 35.) over center of units & connect at ends. Secure pipes with clamps (1 per unit).
6. Install filter fabric over the rows of units & hand backfill medium or coarse sand between rows & min. 6" around sides.
7. Complete backfill & loam per notes. Do not use wheeled equipment over system. Divert surface runoff.



Location Map



1000 GALLON TWO COMPARTMENT SEPTIC TANK



INVERT SCHEDULE

1.	Sewer line from foundation	106.8
2.	Septic tank inlet	106.0
3.	Septic tank outlet	105.75
4.	D-Box inlet	105.64
5.	D-Box outlet	105.48
6.	In-Drain Pipe inlet	105.38
7.	Bottom of In-Drains	104.8
8.	Bottom of trench	104.3

EROSION CONTROL NOTES

1. Prior to any construction or earthwork activity, a line of staked haybales and/or silt fencing shall be placed as shown and maintained throughout the construction process for each lot.
2. All disturbance is to be limited to the areas shown, and is to be kept to an absolute minimum.
3. All excavated materials (soil) to be used as backfill shall be stockpiled. This stockpiled material shall be surrounded by silt fencing.
4. All excess unwanted excavated materials, construction debris etc., shall be removed from the site and disposed of in a proper manner.
5. No disturbances shall occur below the silt fence/haybaled line during construction.
6. All disturbed areas, including backfilled and graded areas shall be loamed and seeded as soon as possible after completion of all construction. All slopes and exposed areas shall be stabilized with straw mulch.
7. All silt fencing/haybales and mulch are to remain in place until after the grass has properly rooted, approximately six to eight weeks.
8. The following seed mix is to be used in all disturbed and exposed areas. Before seeding, however, a minimum of four inches of compacted loam is to be placed in the affected areas at a rate of 12.4 cubic yards per 1000 square feet.

SEED MIXTURE-GENERAL PURPOSE

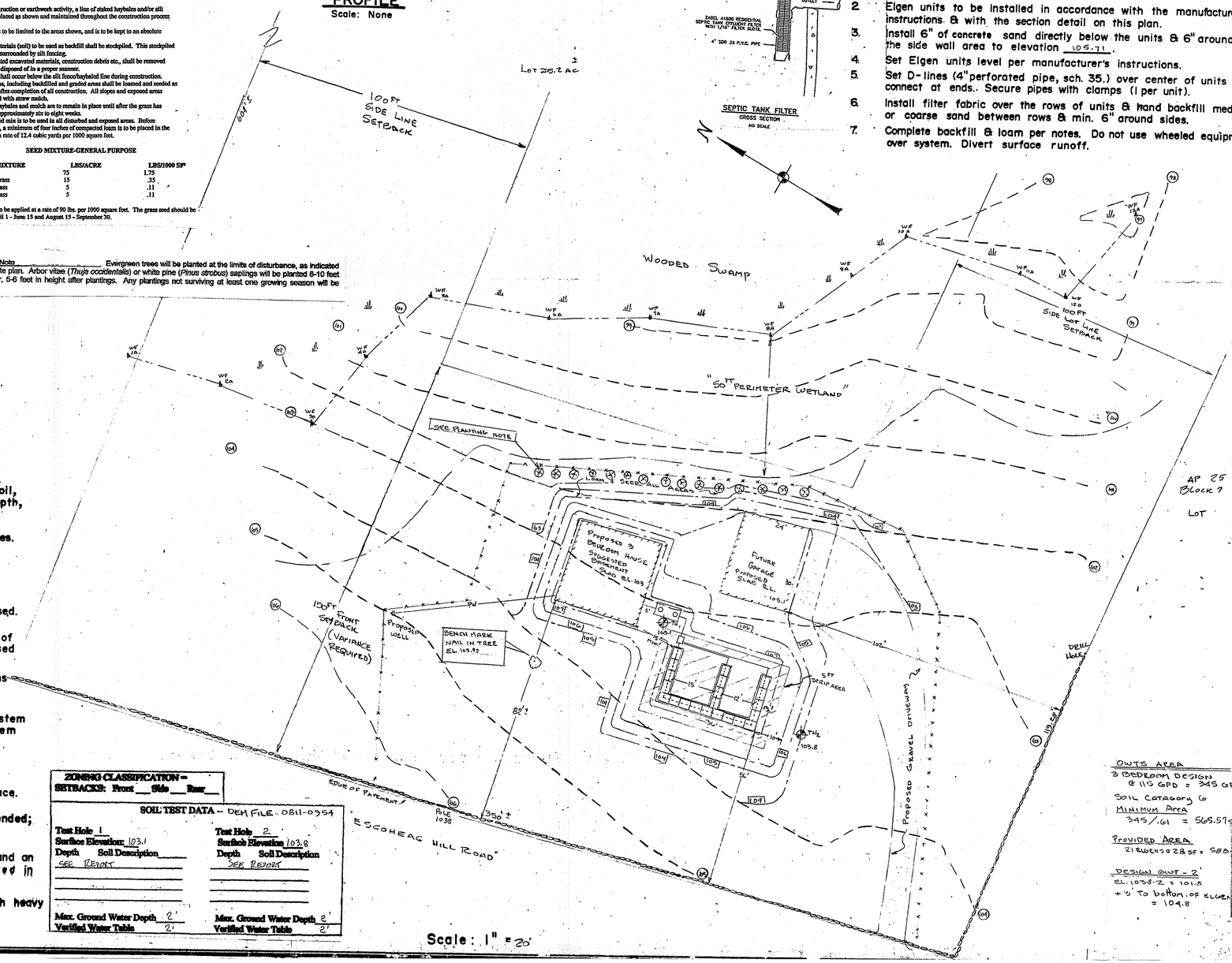
SEED MIXTURE	LBS/ACRE	LBS/1000 SF
Red Fescue	75	1.75
Kentucky Bluegrass	15	.35
Colonial Bentgrass	5	.11
Perennial Ryegrass	5	.11

The straw mulch is to be applied at a rate of 90 lbs. per 1000 square feet. The grass seed should be planted between April 1 - June 15 and August 15 - September 30.

Planting Note: Evergreen trees will be planted at the limits of disturbance, as indicated on this site plan. Arbor vitae (*Thuja occidentalis*) or white pine (*Pinus strobus*) saplings will be planted 8-10 feet on-center, 5-6 feet in height after plantings. Any plantings not surviving at least one growing season will be replaced.

NOTES

1. The leaching area extending to 5FT on all sides, must be stripped of trees & brush, topsoil, subsoil, and soil containing fines and to at least 44" in depth, and the excavation scarified and backfilled with clean, coarse gravel free of fines dust or debris. Remove all trees and brush to 10' beyond all sides.
2. Gravel backfill shall be brought up to at least TOP OF PIPES (EL. 105.71)
3. All portions of the leaching system shall be a minimum of 100' from any well existing or proposed.
4. There are No existing or proposed wells within 200' of the proposed system. There are No existing or proposed public wells within 500' of the proposed system.
5. There are no existing or proposed sewage systems within 100' of the proposed well.
6. No portion of the ground within 10' of the system shall slope to an elevation lower than the system invert.
7. The surface area over the system shall be grassed.
8. No parking or vehicular traffic on the system surface.
9. Subsurface drains or foundation drains are NOT intended; any drains must be at least 25' from the system. No GARBAGE DISPOSALS Allowed.
10. Septic tank to be provided with an inlet or baffle and an outlet tee. A Zabel A-1800 Effluent Filter is required in the OUTLET TEE.
11. Septic tank to have an access manholes to grade with heavy duty cover set to divert surface water away.
12. ALL WORK TO BE DONE DURING THE DRY SEASON.



ZONING CLASSIFICATION =
SETBACKS: Front ___ Side ___ Rear ___

SOIL TEST DATA – DEH FILE - 0811-0954

Test Hole 1		Test Hole 2	
Surface Elevation: 103.1		Surface Elevation 103.8	
Depth	Soil Description	Depth	Soil Description
SEE REPORT		SEE REPORT	
Max. Ground Water Depth	2'	Max. Ground Water Depth	2'
Verified Water Table	2'	Verified Water Table	2'

OWTS AREA
3 BEDROOM DESIGN @ 115 GPD = 345 GPD
Soil Category 6
MINIMUM AREA
345/.161 = 565.59 SF
PROVIDED AREA
21 ELEMENTS 28 SF = 588 SF
DESIGN GWT - 2'
EL. 103.8-2 = 101.8
+3' To bottom of ELGEN
= 104.8

PROPOSED SEWAGE DISPOSAL SYSTEM

Owner: CHRISTOPHER WHITTAKER

Site: AP 28 Block 7 Lot 7

ESCOHEAG HILL ROAD

Town: EXETER

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 08-0954
DATED FEB 06 2009
SEE LETTER OF SAME DATE.

EUGENE F SPRING
No. 3165
REGISTERED PROFESSIONAL ENGINEER