

LEGEND

- ◆ = Water Table Test - Soil Evaluations by "KATHLEEN MANGAN" 01025
- = Percolation Tests
- △ = Proposed Well Location
- = Existing Contours
- = Finish Contours
- BM = Bench Mark - Spike in Tree
- Elevation 100.00
- "Do Not Disturb"
- = Proposed Water Line
- △ = EDGE OF FLAGGED WETLAND
- = CENTRELINE OF ASSF FROM DOT HIGHWAY CULVERT

WETLAND FLAGGING BY "KATHLEEN MANGAN" WETLAND ECOLOGIST

INVERT SCHEDULE

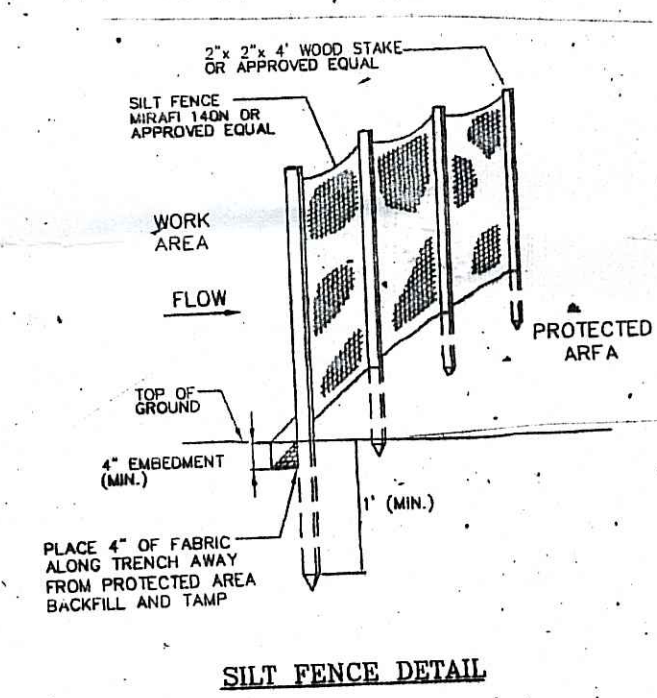
1. Sewer line from foundation	98.2
2. Septic tank inlet	98.10
3. Septic tank outlet	97.85
4. D-Box inlet	97.75
5. D-Box outlet	97.58
3. End of lines	97.58
7. Bottom of trench elevation (ASTM C 573 SAND)	97.0

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/haybale line during construction.
6. All disturbed areas, including backfilled and graded areas shall be seeded and sodded 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 composted 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	PERCENT	LBS/1000 SQ' FT
Red Fescue	75	1.75
Kentucky Bluegrass	15	.11
Colonial Bluegrass	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.

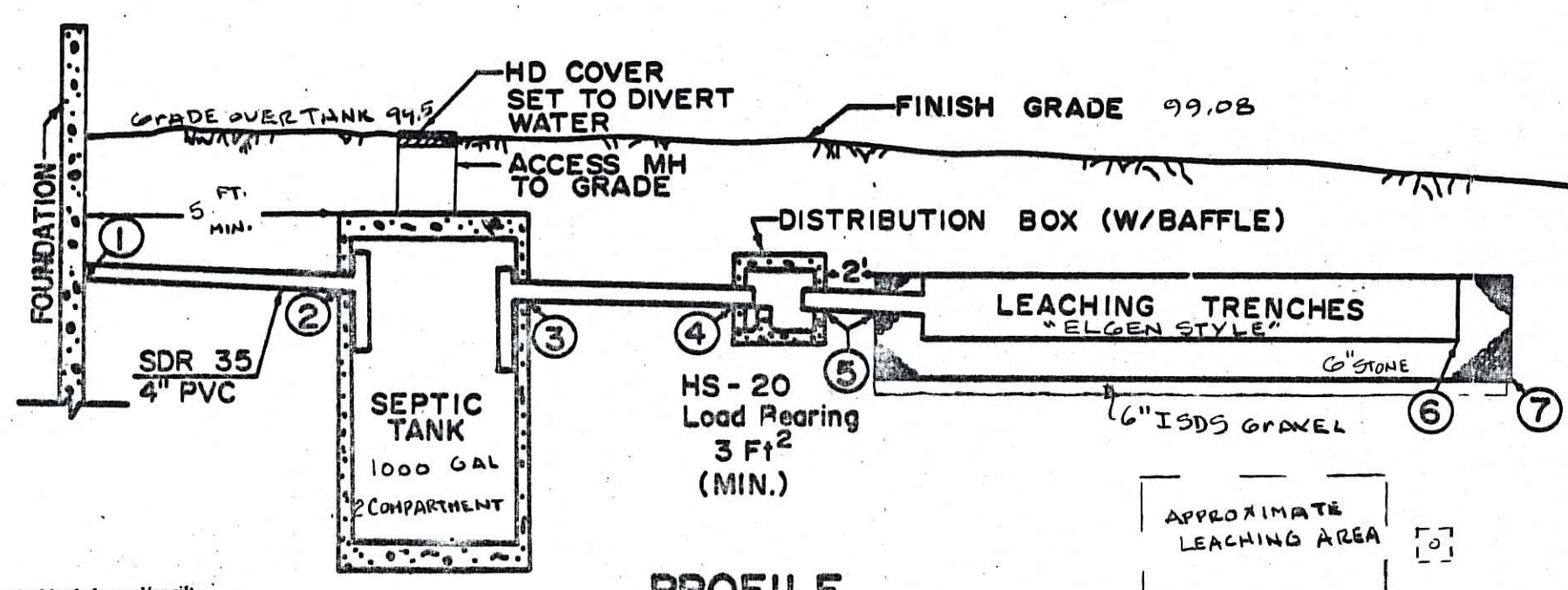


NOTES

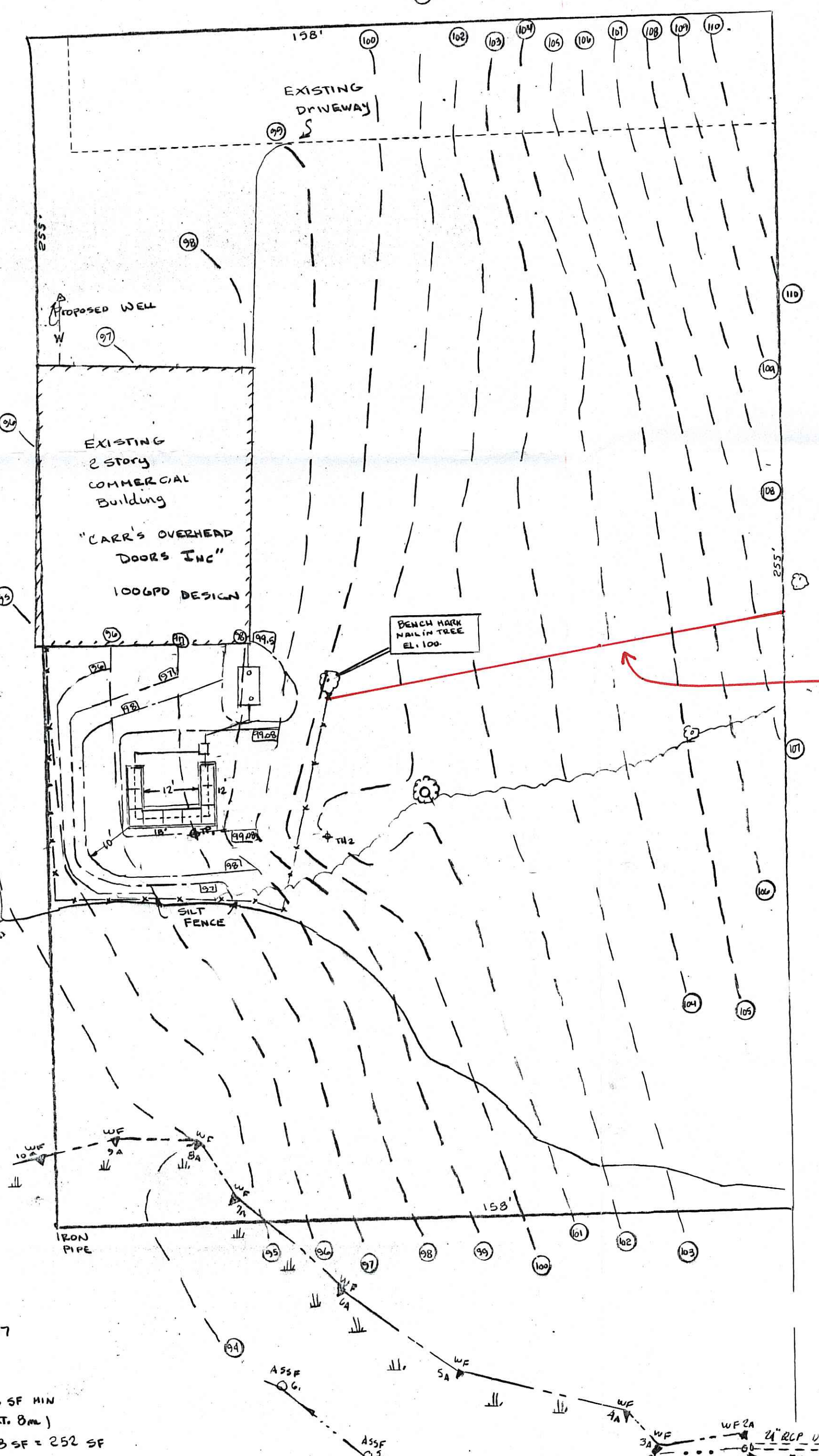
1. The leaching area extending to on all sides, must be stripped of trees & brush, topsoil, subsoil, and soil containing fines and to at least 25' in depth, and the excavation scarified and backfilled with clean, coarse gravel free of fines dust or debris. Remove all trees and brush to 10' beyond all sides.
2. Gravel backfill shall be brought up to at least 2' above distribution pipes around trenches.
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 graded.
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.
10. Septic tank to be provided with sanitary tees: OUTLET TEE TO HAVE A ZABEL FILTER.
11. Septic tank to have an access manhole to grade with heavy duty cover set to divert surface water away.

SYSTEM INVERT
 EL @ TH = 98
 - 4' OUT = 94
 + 3' TO ELLEN BOTTOM = 97

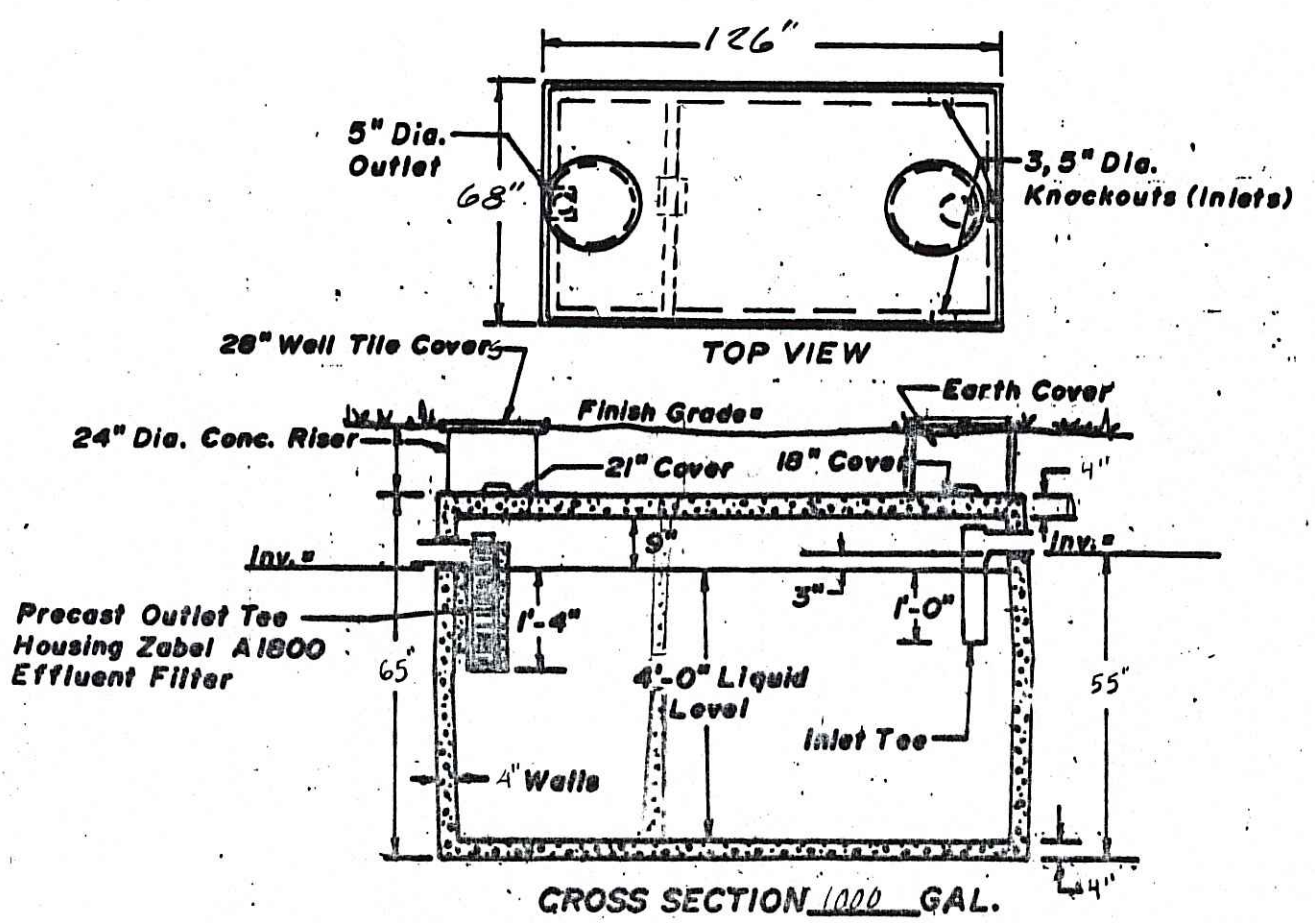
SYSTEM AREA
 (OFFICE)
 100 GPD MIN.
 MIN. AREA = 100 = 2083 SF MIN
 .48 (SOIL CAT. B.M.)
 PROVIDED AREA = 9 ELGNS @ 28 SF = 252 SF



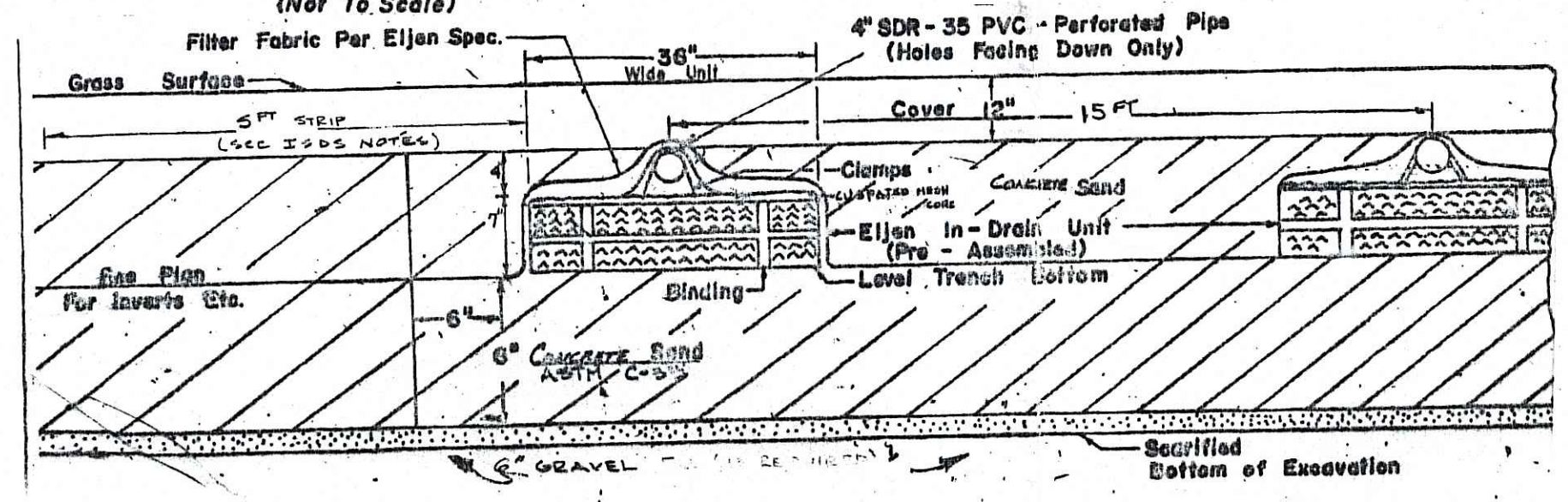
PROFILE
Scale: None



Scale: 1" = 20'



CROSS SECTION 1000 GAL. 2 COMPARTMENT SEPTIC TANK (Not To Scale)



TYPICAL TRENCH SECTION

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 Department of Environmental Management
 Office of Water Resources

Site Evaluation Form
 Part A - Soil Profile Description Application Number: 0811-070-3

Property Owner: DONALD M. AND DANNA S. CARR
 Property Location: 332 NOOSENECK HILL RD., AP 20, BLOCK 4, LOT 5, EXETER, RI
 Date of Test Date: 6-18-08
 Soil Evaluator: KATHLEEN P. MANGAN License Number: 00000000000000000000
 Number: 0811-070-3 (Site No.) Date: 6/18/08

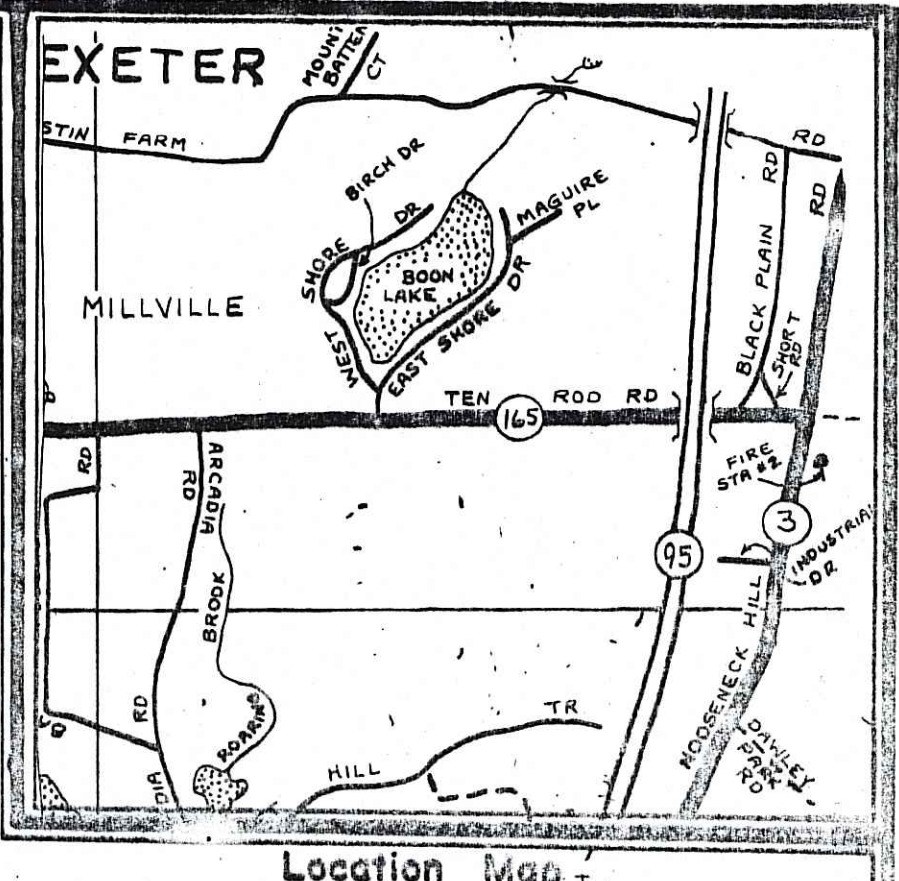
Profile	Depth (ft)	Soil Description	Moisture	Color	Texture	Structure	Consistency	Roots	Notes
A	0-4	a s 10YR 2/6	—	—	Fs1	HFsk	Fr	4	
Bw1	4-10	a w 7.5YR 2/4	—	—	Fs1	HFsk	Fr	4	
Bw2	10-21	a w 10YR 2/4	—	—	Fs1	HFsk	Fr	3	
2C1	21-30	g w 2.5Y 2/6	—	—	Fs	DFm	Fr	6	
2C2	30-34	g s 2.5Y 2/6	—	—	Fs1	DFm	Fr	6m	
3C1	34-42	g s 10YR 2/6	—	—	Fs1	DFm	Fr	8m	

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 Department of Environmental Management
 Office of Water Resources

Site Evaluation Form
 Part A - Soil Profile Description Application Number: 0811-070-1

Property Owner: DONALD M. AND DANNA S. CARR
 Property Location: 332 NOOSENECK HILL RD., AP 20, BLOCK 4, LOT 5, EXETER, RI
 Date of Test Date: 6-18-08
 Soil Evaluator: KATHLEEN P. MANGAN License Number: 00000000000000000000
 Number: 0811-070-1 (Site No.) Date: 6/18/08

Profile	Depth (ft)	Soil Description	Moisture	Color	Texture	Structure	Consistency	Roots	Notes
1C	0-1	a i 10YR 2/6	—	—	Fs1	HFsk	Fr	4	
A	0-1	a s 10YR 2/6	—	—	Fs1	HFsk	Fr	4	
Bw1	1-15	g w 10YR 2/6	—	—	Fs1	HFsk	Fr	4	
Bw2	15-20	a s 10YR 2/6	—	—	Fs1	HFsk	Fr	4	
C	20-24	g s 2.5Y 2/6	—	—	Fs1	DFm	Fr	7	
2C1	24-30	g s 2.5Y 2/6	—	—	Fs1	DFm	Fr	6m	
2C2	30-34	g s 2.5Y 2/6	—	—	Fs1	DFm	Fr	6m	
3C1	34-45	g s 10YR 2/6	—	—	Fs1	DFm	Fr	8m	



Location Map

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 08-022X
 DATED AUG 25 2008
 SEE LETTER OF SAME DATE

PROPOSED SEWAGE DISPOSAL SYSTEM

Owner: DONALD CARR

Site: AP 20 BLOCK 4 Lot 5
 332 NOOSENECK HILL RD.

Town: EXETER

6/20/08

EUGENE F. SPRING
 No. 3168
 Registered Professional Engineer