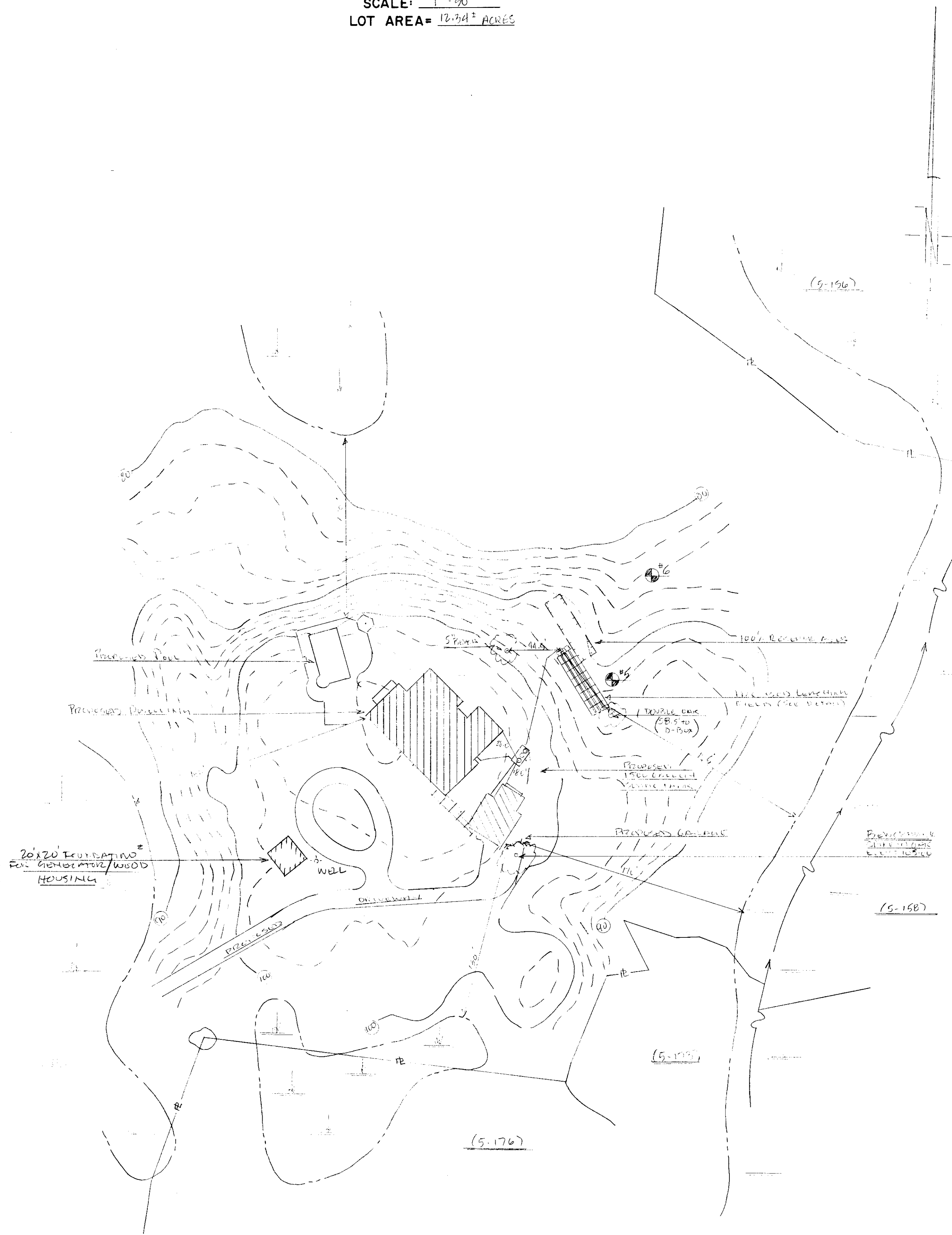
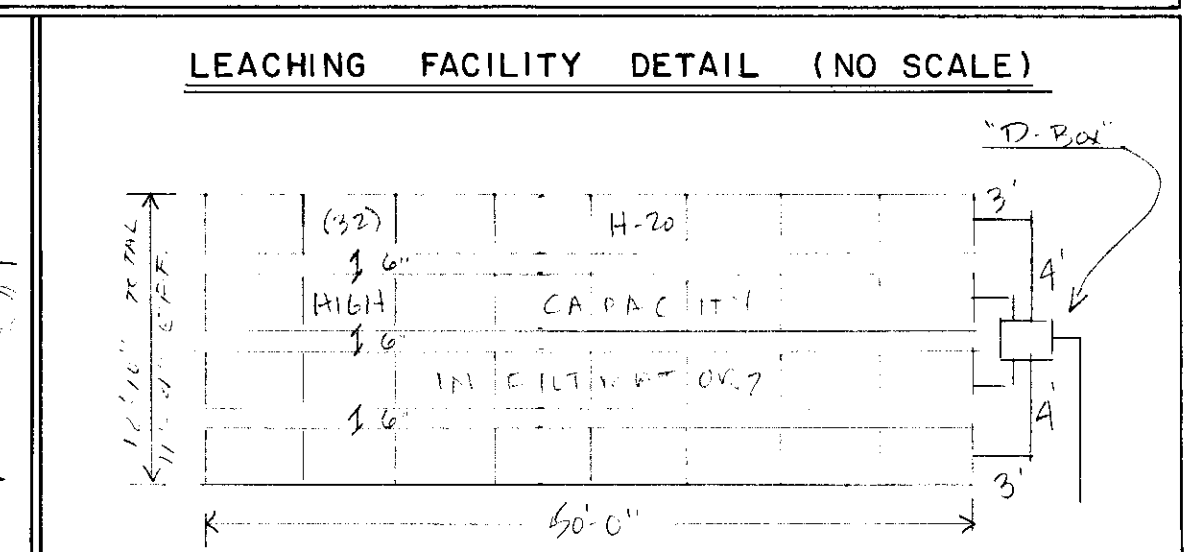
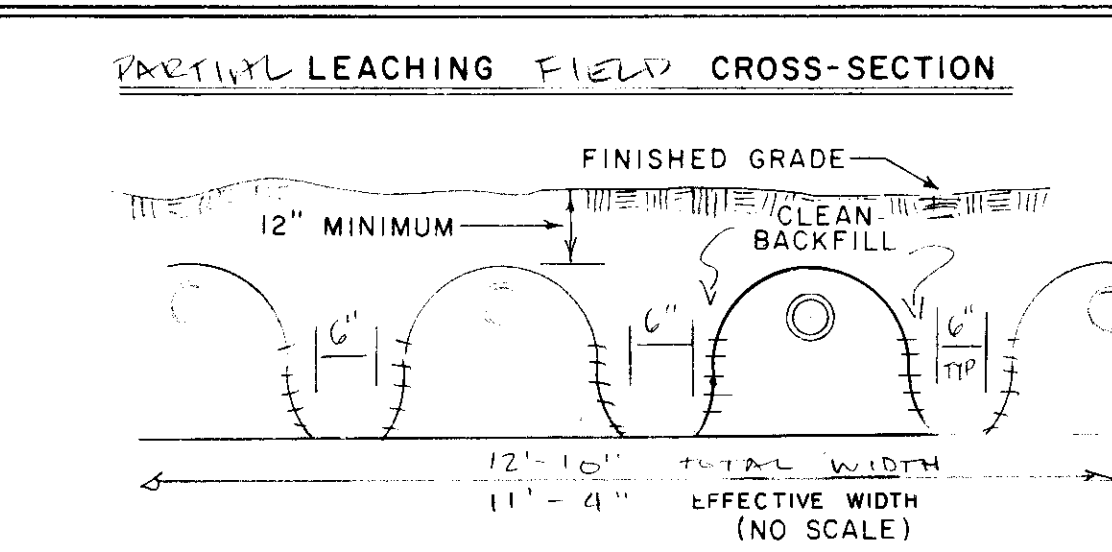
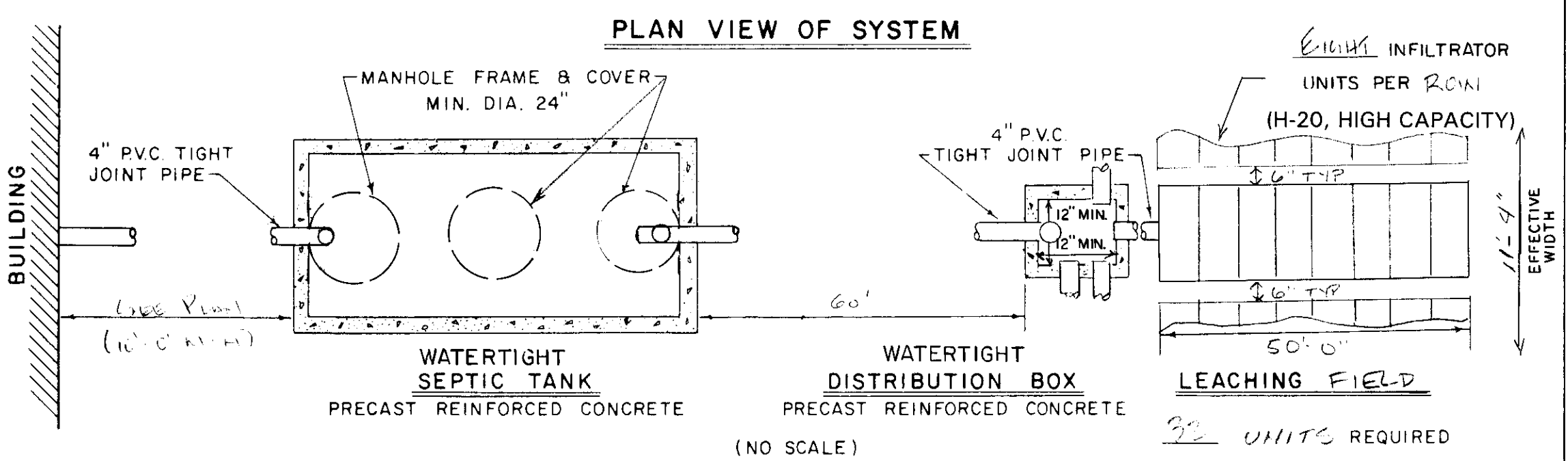
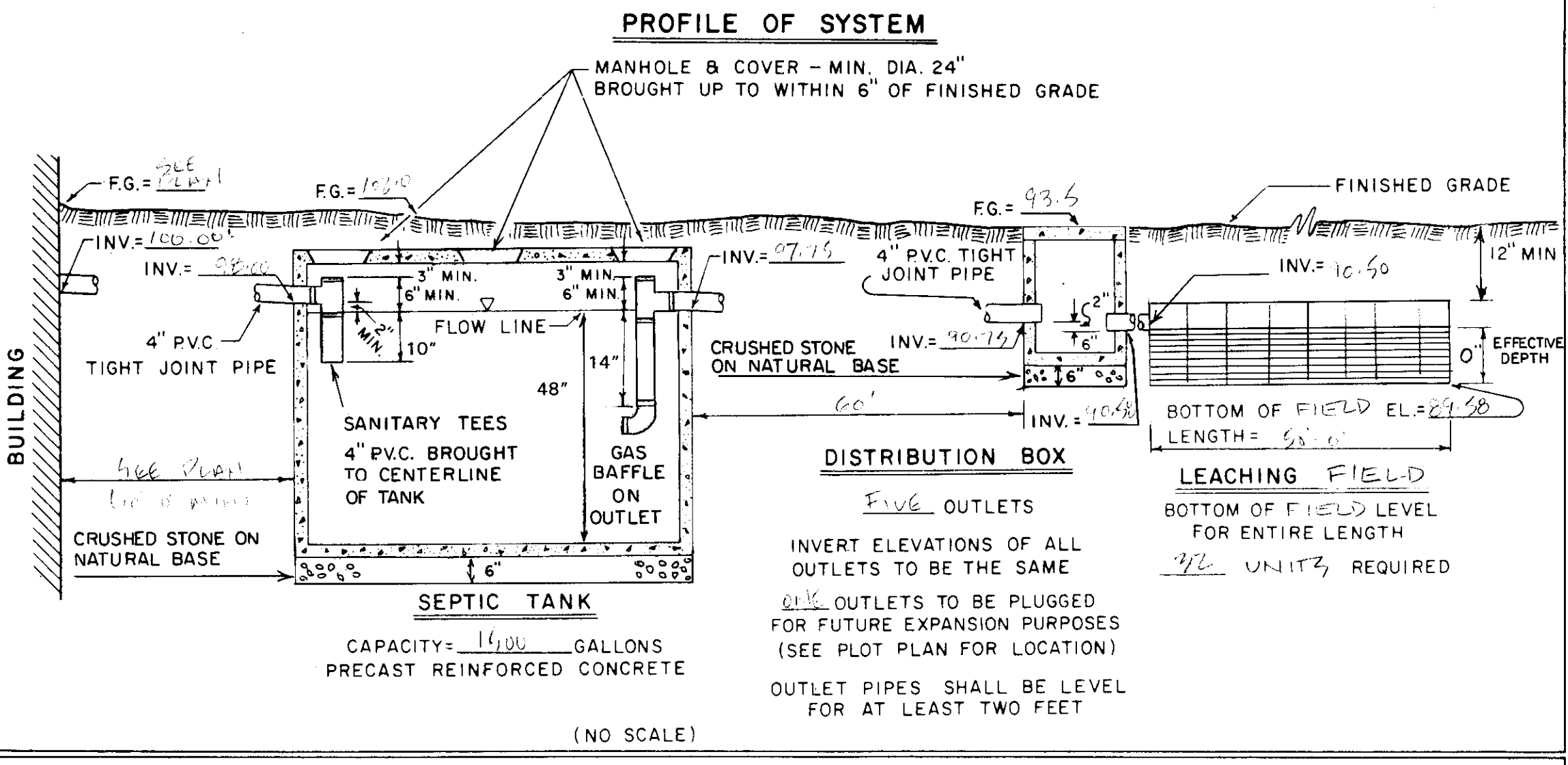


**PLOT PLAN**  
 SCALE: 1" = 60'  
 LOT AREA = 12,341 sq. ft.



**Notes:**

1. All work shall be done in accordance with the Massachusetts State Code, Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of [unclear].
2. All construction shall conform to Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of [unclear].
3. All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching field and to a distance of 10 feet from all sides of the leaching field. Excavate down to 12 inches below the surface of the natural permeable soil. Backfill as required with materials meeting the requirements of Section 15.255(3) of Title 5 of the Massachusetts State Environmental Code. Construct trenches in this material.
4. No driveway, parking or turning area or other impervious area shall be located above the soil absorption system.



**SCHEDULE OF ELEVATIONS**

FINISHED GRADE ABOVE STRUCTURE		FINISHED GRADE ABOVE STRUCTURE	
Top of foundation	= 90.75	Invert at distribution box inlet	= 90.75
Basement floor	= 88.00	Invert at distribution box outlet	= 90.58
Invert of pipe at foundation	= 100.00	Invert at inlet	= 90.60
		Elevation of field bottom	= 85.98
Invert at septic tank inlet	= 90.10	Finished grade over leaching area	= See Plot Plan
Invert at septic tank outlet	= 90.10		

**SOIL TEST DATA**

DEEP TEST PIT 5 (SURFACE ELEVATION 111.5)			DEEP TEST PIT 6 (SURFACE ELEVATION 85.2)			PERCOLATION TEST DATA				
DEPTH	HORIZON	SOIL DESCRIPTION	DEPTH	HORIZON	SOIL DESCRIPTION	TEST PIT NO.	DATE	TOP OF 12" OF WATER DEPTH FROM TOP OF PIT	ELEVATION	RATE, MINUTES PER INCH
0'-0"	A	Topsoil	0'-0"	A	Topsoil	5	4-22-00	36"	88.5	< 5
0'-6"	B	Loam	0'-6"	B	Loam	6	4-22-00	36"	82.0	< 5
0'-12"	C	Clay	0'-12"	C	Clay					

I CERTIFY THAT ON APRIL 1995 I HAVE PASSED THE EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE, AND EXPERIENCE DESCRIBED IN 310 CMR 15.018 (2).

*Christie P. Alley*

**GENERAL NOTES**

1. Elevations refer to Mean Sea Level (MSL). See Bench Mark on Plot Plan located at [unclear].
2. Finished grading to be done in accordance with plot plan.
3. Percolation tests performed in accordance with the instructions in Title 5 of the Massachusetts State Environmental Code.
4. All construction to conform to Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of [unclear].
5. All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching field and to a distance of 10 feet from all sides of the leaching field. Excavate down to 12 inches below the surface of the natural permeable soil. Backfill as required with materials meeting the requirements of Section 15.255(3) of Title 5 of the Massachusetts State Environmental Code. Construct trenches in this material.
6. Septic tank and distribution box shall be watertight after construction, including covers.
7. No driveway, parking or turning area or other impervious area shall be located above the soil absorption system.
8. No permanent structure may be constructed over the 100% expansion area.
9. Schofield, Barbini & Hoehn, Inc. will not be responsible for the performance of this system unless constructed as shown. Any alterations must be approved in writing by Schofield, Barbini & Hoehn, Inc.
10. The Board of Health shall require inspection of all construction by the design engineer and an agent of the Board of Health.
11. The design engineers and the system installer shall certify in writing to the approving authority that the system has been constructed in compliance with the approved plans.
12. For proper performance, septic tank should be inspected at least once a year and when the total depth of scum and solids exceeds 1/2 the liquid depth of the tank, the tank should be pumped.
13. Distribution Box Cover to be brought to finish grade.

**DESIGN DATA**

1. Estimated Hydraulic Loading: 1.5 X Bedrooms at 110 gallons per day per bedroom = 660 GPD. Garbage disposal is NOT allowed with this design.
2. Septic Tank Size: Average daily flow = 660 X 2.000 = 1320 gallons (minimum). Septic tank provided = 1500 gallon capacity.
3. Design percolation rate = 5 M.P.I. Soil textural class = I. Loading rate = 0.74 gallons/SF.
4. Leaching Area: Total leaching area provided = 566 SF.
5. Maximum allowable loading = 566 X 1.07 (M.F.E.S. Factor) X 0.74 GPD/SF = 700 GPD. Actual hydraulic loading = 660 gallons.

**LEGEND**

- XX Denotes proposed contour
- FG = XX.X Denotes proposed finished grade
- XX-- Denotes existing contour
- XX.X Denotes existing spot elevation
- Denotes test hole location
- PVC Denotes polyvinyl chloride pipe, Sch. 40, unless noted.
- Denotes catch basin
- E.H.C.I. Denotes extra heavy cast iron
- W— Denotes water service
- E— Denotes approximate property line
- O.W.— Denotes overhead wires
- D— Denotes storm drain pipe

**PROPOSED SEWAGE DISPOSAL SYSTEM**

To Serve A Proposed Single-Family Dwelling  
 OFF LOT LINE - PC. 210.00 5-1751 (Lot #3)

APPLICANT: [unclear] TEL. NO. 693-7761

DATE: June 17, 2003 SCALE: AS NOTED

DESIGNED BY: [unclear] DRAWN BY: [unclear] CHECKED BY: [unclear]

SCHOFFIELD, BARBINI, & HOEHN, INC., CIVIL ENGINEERS & LAND SURVEYORS, BOX 339, VINEYARD HAVEN, MA 02568