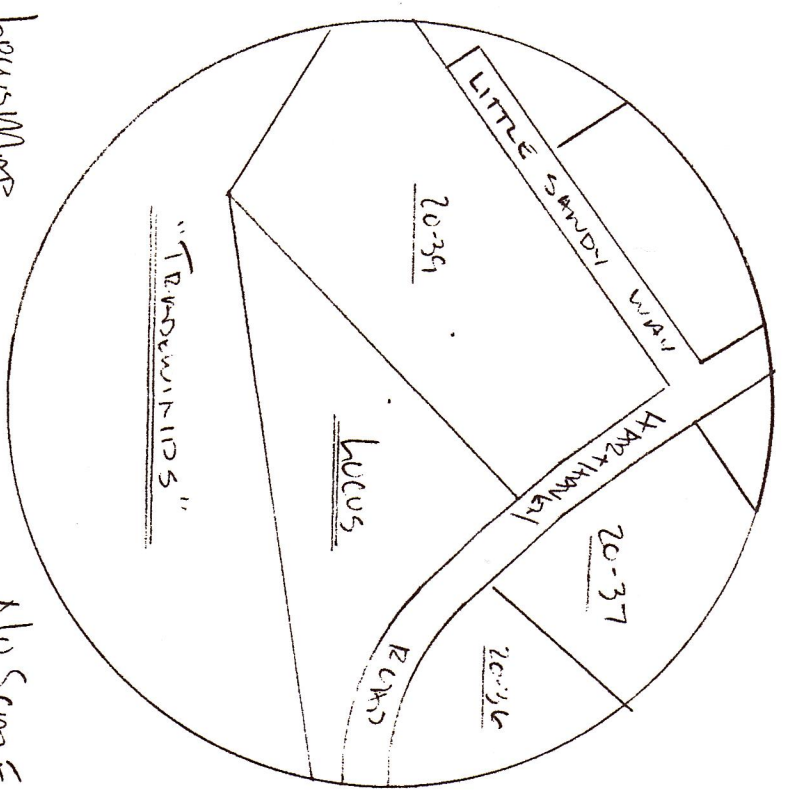
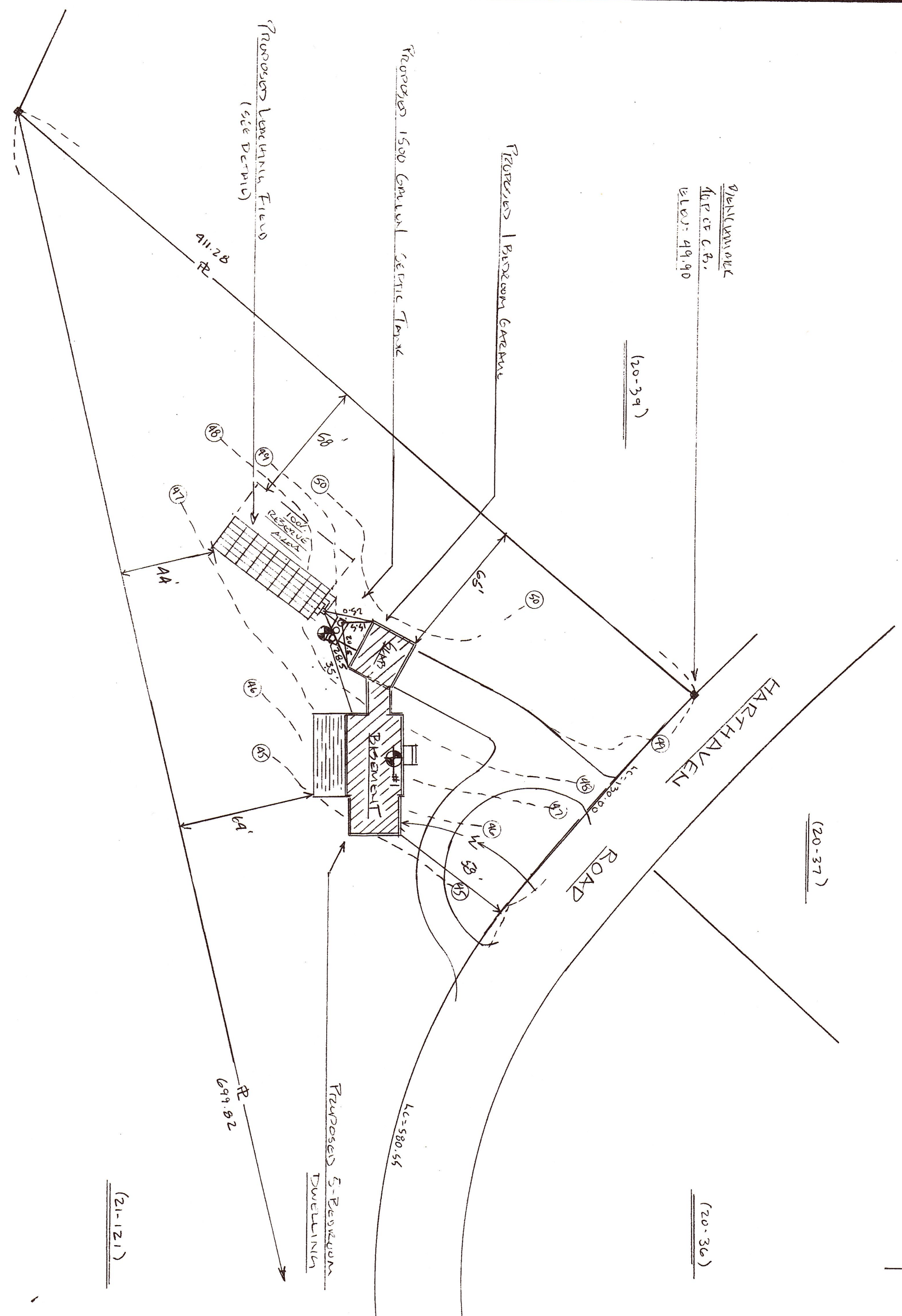
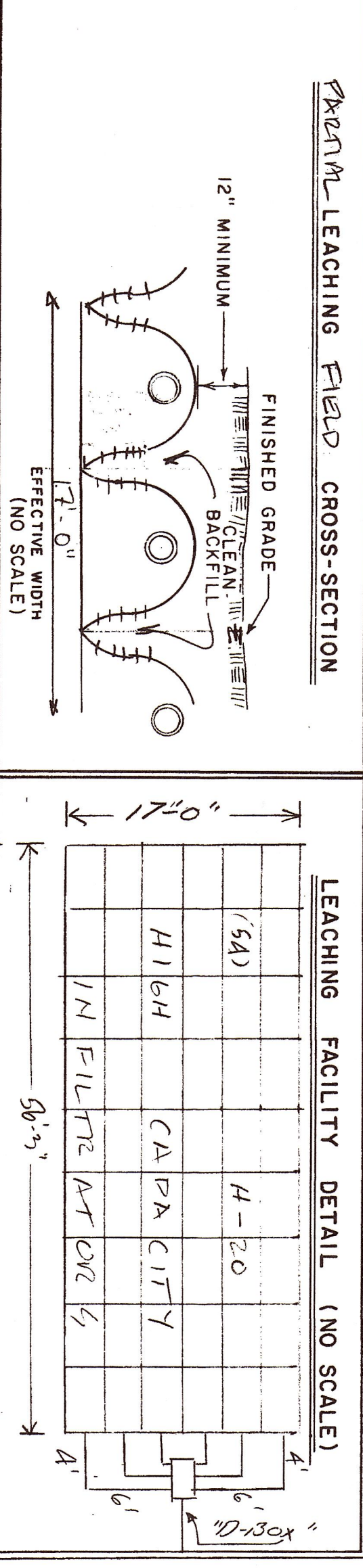
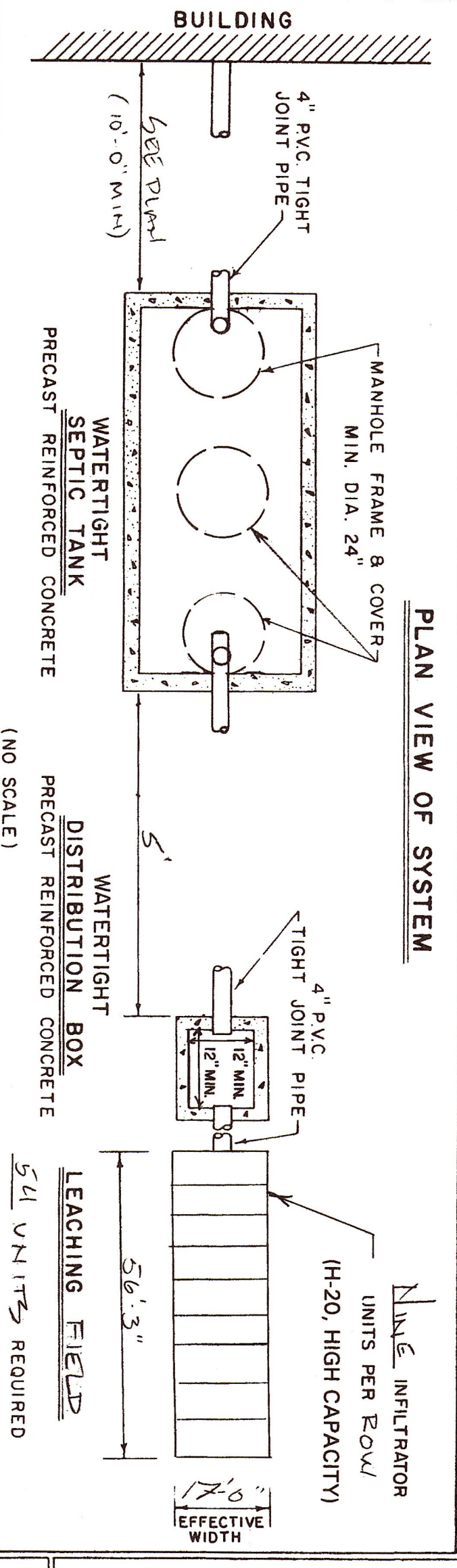
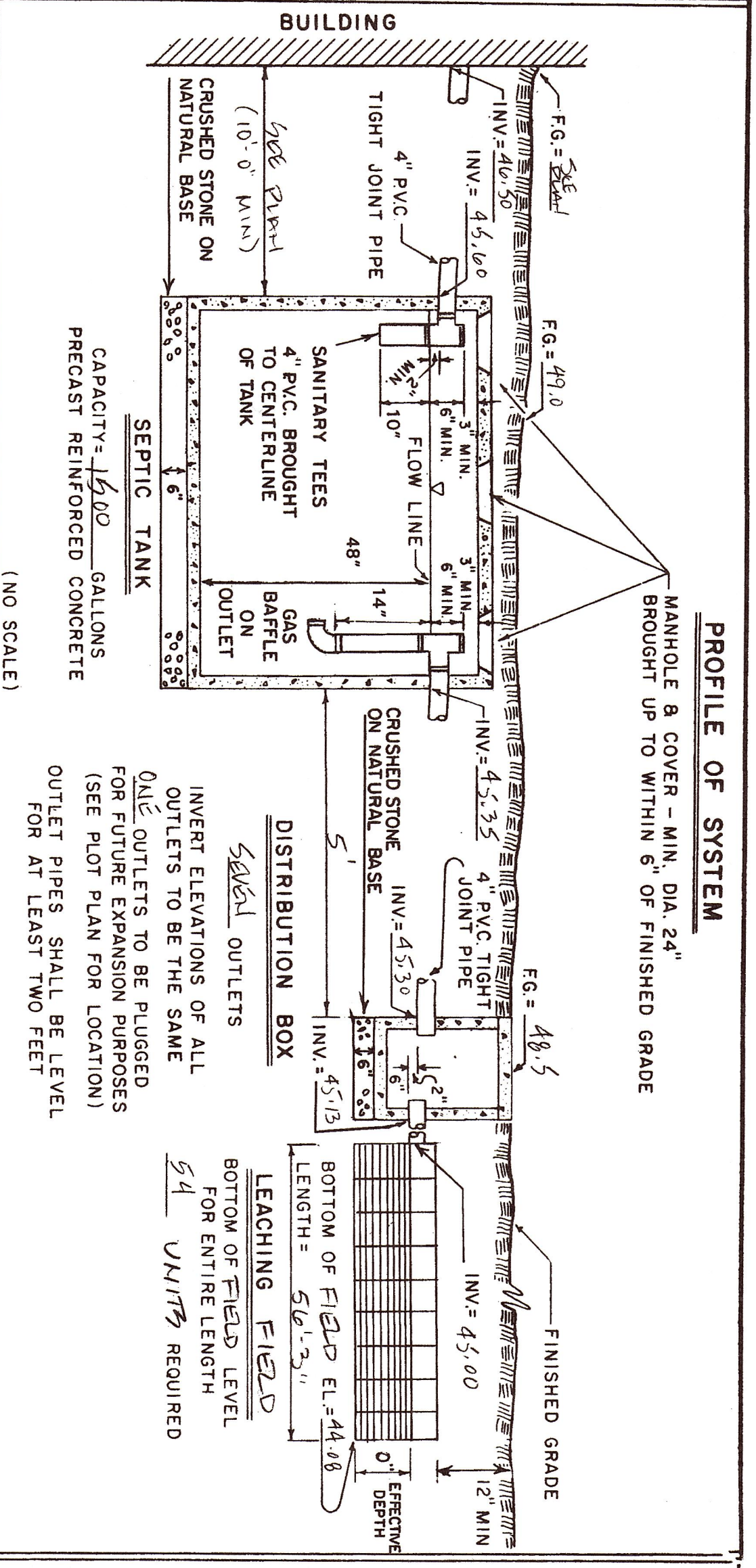


**PLOT PLAN**  
 SCALE: 1" = 40'  
 LOT AREA: 1.91 ACRES



*Handwritten notes:*  
 A. This Water Waste Field is within 100' of the proposed Central Field  
 To Classify within Zone II of the Farm Neck Environmental Well



**SCHEDULE OF ELEVATIONS**

Top of foundation	= 41.50	N/A	Invert of distribution box inlet	= 45.30
Basement floor	= 41.50	N/A	Invert of distribution box outlet	= 45.13
Invert of pipe at foundation	= 46.50	See Plan	Invert of infiltration inlet	= 45.00
Invert at septic tank inlet	= 45.60		Elevation of Field bottom	= 41.08
Invert of septic tank outlet	= 45.35		Finished grade over leaching area - See Plot Plan	= 49.0

**SOIL TEST DATA**

DEEP TEST PIT 1	DEEP TEST PIT 2	DEEP TEST PIT 3	DEEP TEST PIT 4
DATE OF TEST	DATE OF TEST	DATE OF TEST	DATE OF TEST
DEPTH	DEPTH	DEPTH	DEPTH
HORIZON	HORIZON	HORIZON	HORIZON
SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION
0'-5" A Lenny Sand w/ gravel	0'-3" A Lenny Sand w/ gravel	0'-3" B Lenny Sand w/ gravel	0'-3" B Lenny Sand w/ gravel
5'-26" B Lenny Sand w/ gravel	3'-24" B Lenny Sand w/ gravel	26'-120" C Lenny Sand w/ gravel	24'-120" C Lenny Sand w/ gravel

ALSO GROUND WATER WAS ENCOUNTERED AT A DEPTH OF 120" (SURFACE ELEVATION = 48.4)

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**GENERAL NOTES**

- Elevations refer to MEAN SEA LEVEL DATUM.
- See Bench Mark on Plot Plan for location of datum.
- Excavate down to N/A inches below the surface of the natural permeable soil. Backfill as required with materials meeting the requirements of Section 15.255(3) of the Massachusetts State Environmental Code. Construct trenches in this material.
- All topsoil, subsoil and deleterious material, if any, must be accounted and removed below the leaching field and to a distance of 100 feet from all sides of the leaching field. Excavate down to N/A inches below the surface of the natural permeable soil. Backfill as required with materials meeting the requirements of Section 15.255(3) of the Massachusetts State Environmental Code. Construct trenches in this material.
- Septic tank and distribution box shall be watertight after construction, including covers.
- No driveway, parking or other impervious area shall be located above the soil absorption system.
- No permanent structure may be constructed over the 100% expansion area.
- Schofield, Barhini & 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, Barhini & Hoehn, Inc.
- The Board of Health shall require inspection of all construction by the design engineer and an agent of the Board of Health.
- The design engineer and the system installer shall apply in writing to the approving authority that the system has been constructed in compliance with the approved plans.
- 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.
- Distribution Box Cover to be brought to finish grade.

**DESIGN DATA**

- Estimated Hydraulic Loading: 110 gallons per day per bedroom = 550 GPD. Garbage disposal is not allowed with this design.
- Septic Tank Size: 550 x 200 = 11000 gallons (minimum)
- Average daily flow = 550 x 200 = 11000 gallons (minimum)
- Septic tank provided = 11000 gallon capacity
- Design percolation rate = 10 M.P.I.
- Soil texture: clay
- Leaching rate = 1000 gallons/SF
- Total leaching area provided = 950 S.F. x 1000 GPD/SF = 950,000 GPD
- Maximum allowable loading = 950 S.F. x 1000 GPD/SF = 950,000 GPD
- Actual hydraulic loading = 550 gallons

**LEGEND**

XX Denotes proposed contour  
 FG = XX X Denotes proposed finished grade  
 ---XX--- Denotes existing contour  
 XXX Denotes existing spot elevation  
 ● Denotes test hole location  
 ○ Denotes polyvinyl chloride pipe, Sch. 40, unless noted.  
 E.H.C.L. Denotes extra heavy cast iron  
 W Denotes water service  
 R Denotes water service  
 E Denotes approximate property line  
 -OW- Denotes overhead wires  
 D Denotes storm drain pipe

**PROPOSED SEWAGE DISPOSAL SYSTEM**

TO SETZLE A PROPOSED FOUR-BEDROOM DWELLING AND A PROPOSED ONE-BEDROOM GARAGE

HARTSHORN ROAD, MASSACHUSETTS, ASSESSOR PLOT 20-38

APPLICANT: WILLIAM LEVINSON, TEL. NO. 693-2781 (3-411)

EDUARDTOWN, MA 02535

DATE: NOVEMBER 7, 2002 SCALE: AS NOTED

DESIGNED BY: DRAMM, BY: (SIGNED) CHECKED BY: (SIGNED)

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