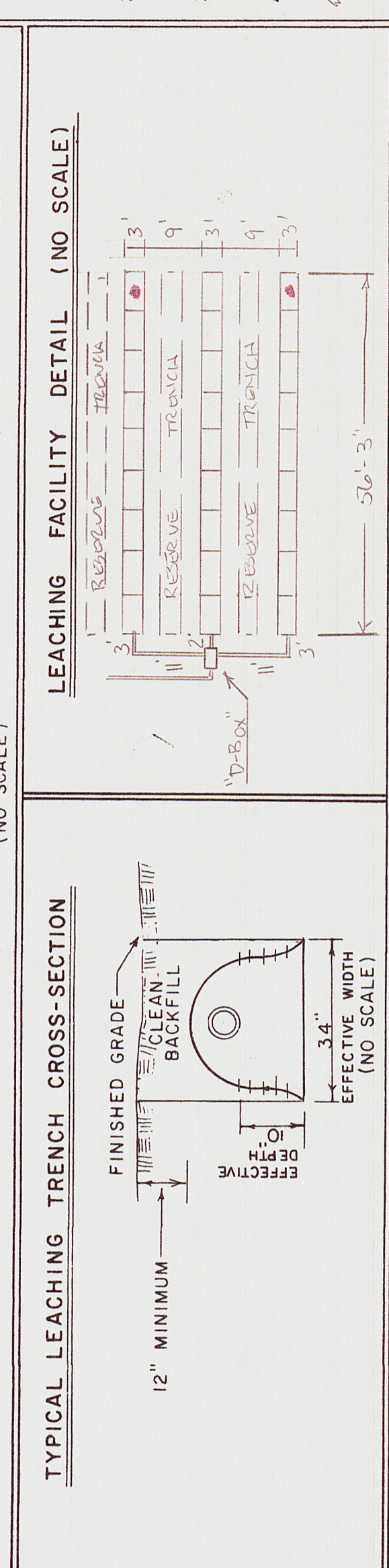
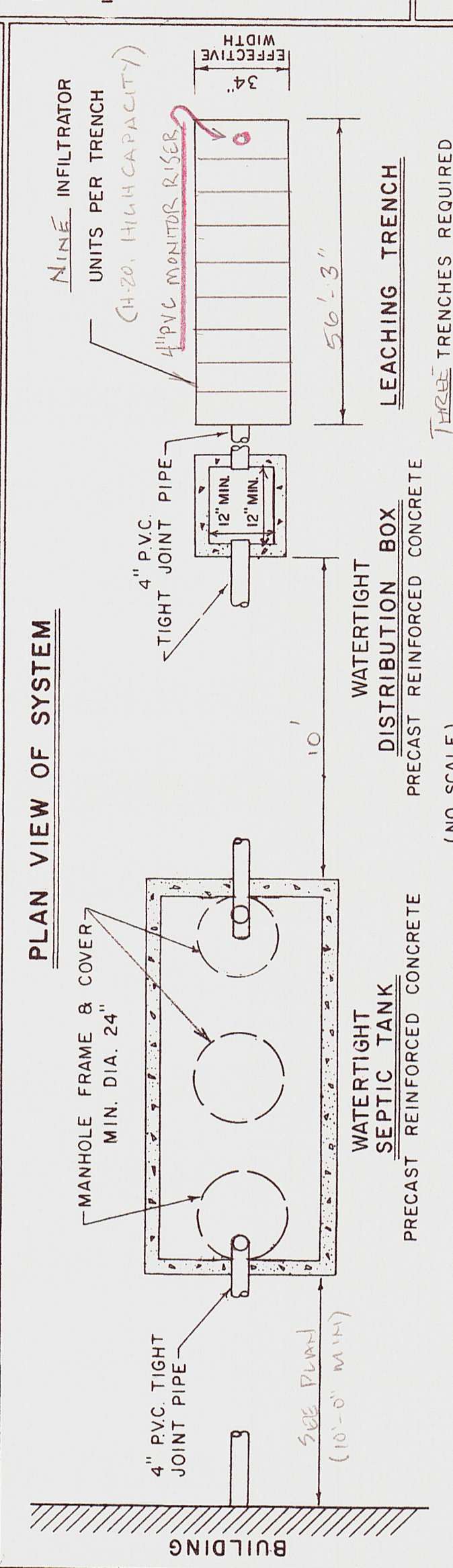
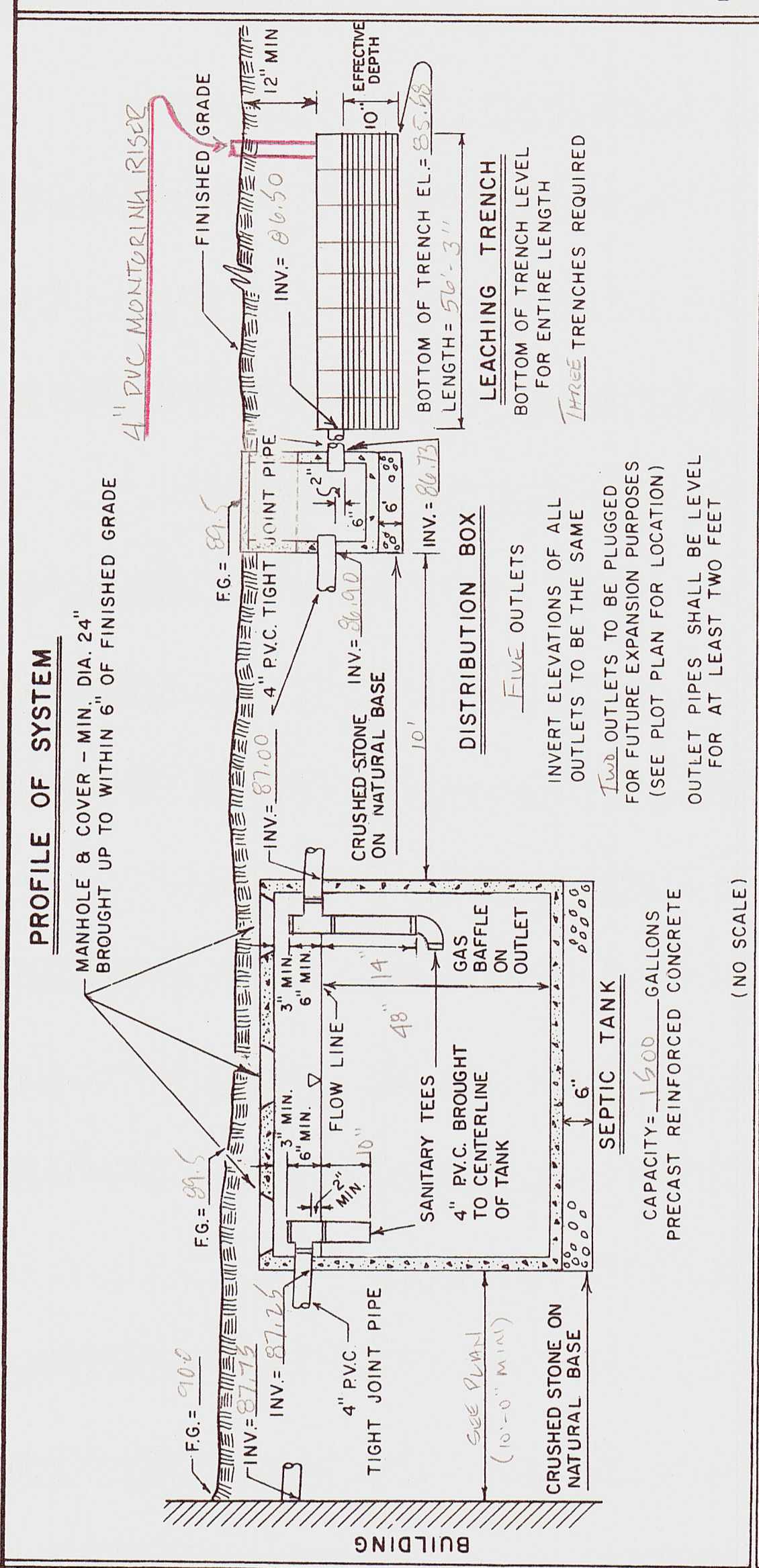
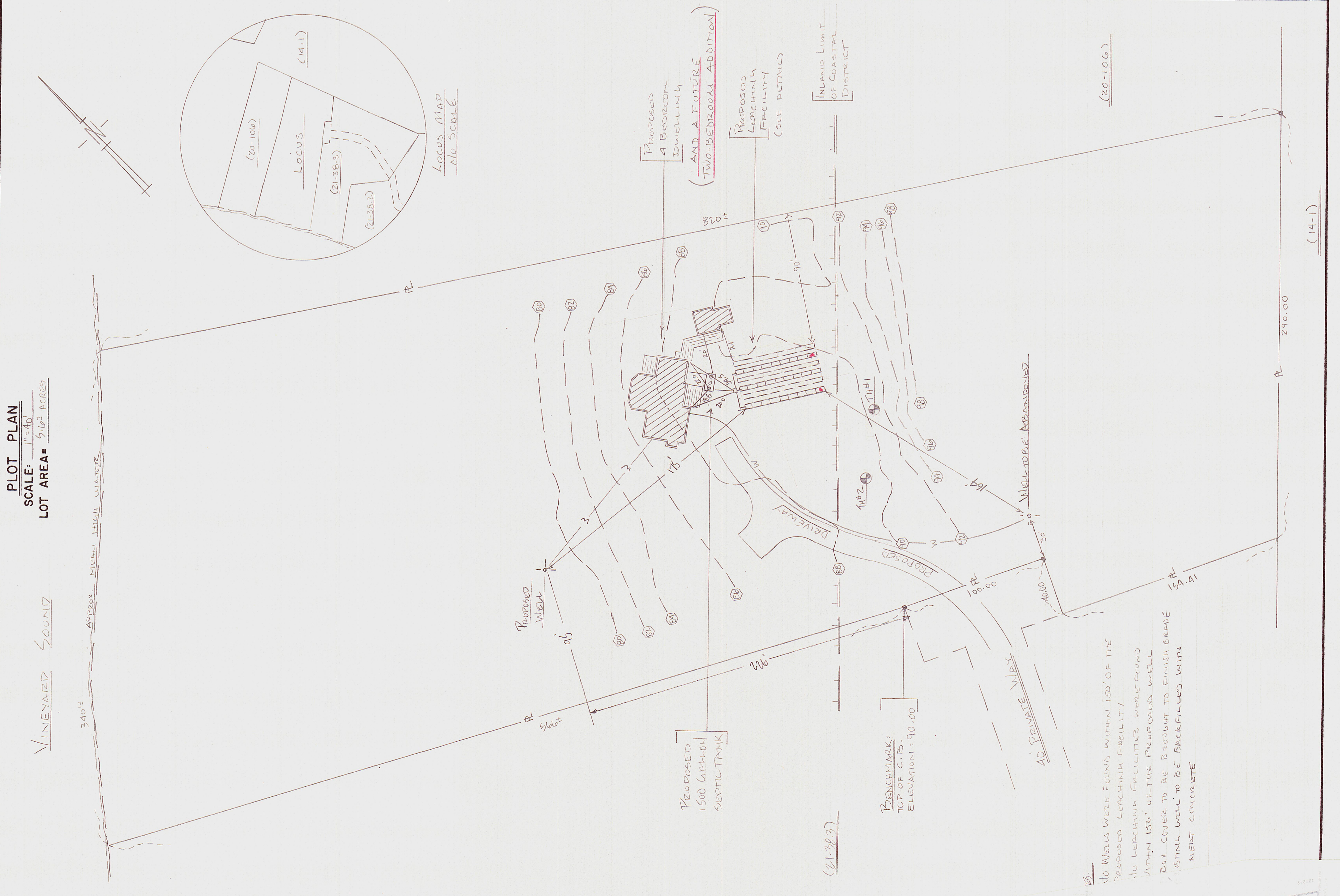


PLOT PLAN
SCALE: 1"=40'
LOT AREA = 500² ACRES



SCHEDULE OF ELEVATIONS

Finished grade above structure	86.90
First floor SUEH-WOR	89.51 (Kitchen: 89.54)
Basement floor	86.73
Invert of pipe at foundation	87.75
Invert at septic tank inlet	87.25
Invert at septic tank outlet	87.00
Invert of distribution box inlet	86.90
Invert of distribution box outlet	86.73
Invert of infiltrator inlet	86.50
Elevation of trench bottom	85.38
Finished grade over leaching area	See Plot Plan

SOIL TEST DATA

DEEP TEST PIT 1	DEEP TEST PIT 2	DEEP TEST PIT 3	DEEP TEST PIT 4
DATE OF TEST FEBRUARY 11, 1999	DATE OF TEST FEBRUARY 11, 1999	DATE OF TEST FEBRUARY 11, 1999	DATE OF TEST FEBRUARY 11, 1999
DEPTH HORIZON	DEPTH HORIZON	DEPTH HORIZON	DEPTH HORIZON
0'-0" A	0'-6" A	12'-6" A	12'-6" A
6'-24" B	6'-24" B	12'-6" B	12'-6" B
29'-126" C	25'-132" C	25'-132" C	25'-132" C
SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION
Sandy Loam	Loamy Sand	Loamy Sand	Loamy Sand
10/16/36	10/16/36	10/16/36	10/16/36
10/16/36	10/16/36	10/16/36	10/16/36
25/194	25/194	25/194	25/194
NO GROUND WATER WAS ENCOUNTERED AT A DEPTH OF 12'-6" (ELEVATION 86.1)	NO GROUND WATER WAS ENCOUNTERED AT A DEPTH OF 12'-6" (ELEVATION 86.1)	NO GROUND WATER WAS ENCOUNTERED AT A DEPTH OF 12'-6" (ELEVATION 86.1)	NO GROUND WATER WAS ENCOUNTERED AT A DEPTH OF 12'-6" (ELEVATION 86.1)

PERCOLATION TEST DATA

TEST PIT NO.	DATE	TOP OF PIT	DEPTH FROM TOP OF PIT	ELEVATION	RATE: MINUTES PER INCH
1	2-11-99	36"	376	87.6	1.5

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, EXPERIENCE, AND EXPERTISE DESCRIBED IN 310 CMR 15.018 (2).

Charles A. Aly

- GENERAL NOTES**
- Elevations refer to APPROXIMATE MEAN SEA LEVEL DURING SEE BENCH MARK ON PLOT PLAN LOCATED ON GEN. BOUND. ELEV. 90.00
 - Finished grading to be done in accordance with the instructions in Title 5 of the Massachusetts State Environmental Code.
 - Percolation tests performed in accordance with the instructions in Title 5 of the Massachusetts State Environmental Code.
 - All construction to conform to Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of [redacted].
 - All topsoil, subsoil and deleterious material, if any, must be excavated and removed from the site and to a distance of 100 feet from all sides of the leaching field. Excavate to a depth of 12 inches below the bottom of the trench. Backfill as required with materials meeting the requirements of Section 5.25(3) of Title 5 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 turning area or other impervious area shall be located above the soil absorption system.
 - No permanent structure may be constructed over the 100% expansion area.
 - Schofield, Barabini & 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, Barabini & 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 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.
 - For proper performance, septic tank should be inspected at least once a year and when the total depth of liquid and solids exceeds 5/8 the liquid depth of the tank, the tank should be pumped.

DESIGN DATA

1. Estimated Hydraulic Loading
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 200% = 1320 gallons (minimum)
Septic tank provided = 1500-gallon capacity

3. Design percolation rate = 1.5 M.P.I.
Soil texture class = [redacted] galls./SF

4. Leaching area = 1074 galls./SF
Total leaching area provided = 759 SF x 1.67 x 0.74 (C.P.)/SF = 937.4 PD
Maximum allowable loading = 759 SF
Actual hydraulic loading = 660 galls.

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

PROPOSED SEWAGE DISPOSAL SYSTEM

TO SERVE AN EXISTING FOUR BEDROOM DWELLING AND FUTURE TWO-BEDROOM ADDITION
94 MENEEMSHA INN ROAD - ASSR TOL 21-3-84
CHILMARK, MASSACHUSETTS

APPLICANT: MAGNET SLOTTCH TRUST TEL. NO. 643-2781
% SCHOFIELD, BARABINI & HOEHN, INC.
PO Box 334
NAMESQUOBB, HAVEN, MA 02568

DATE: SEPTEMBER 2, 1999 SCALE: AS NOTED
REV: 10/17/2000
REV: 11/20/2002 (6-8)

DESIGNED BY: [redacted]
DRAWN BY: [redacted]
CHECKED BY: [redacted]

SCHOFIELD, BARABINI & HOEHN, INC., CIVIL ENGINEERS & LAND SURVEYORS, BOX 339, VINEYARD HAVEN, MA 02568

10-17-22