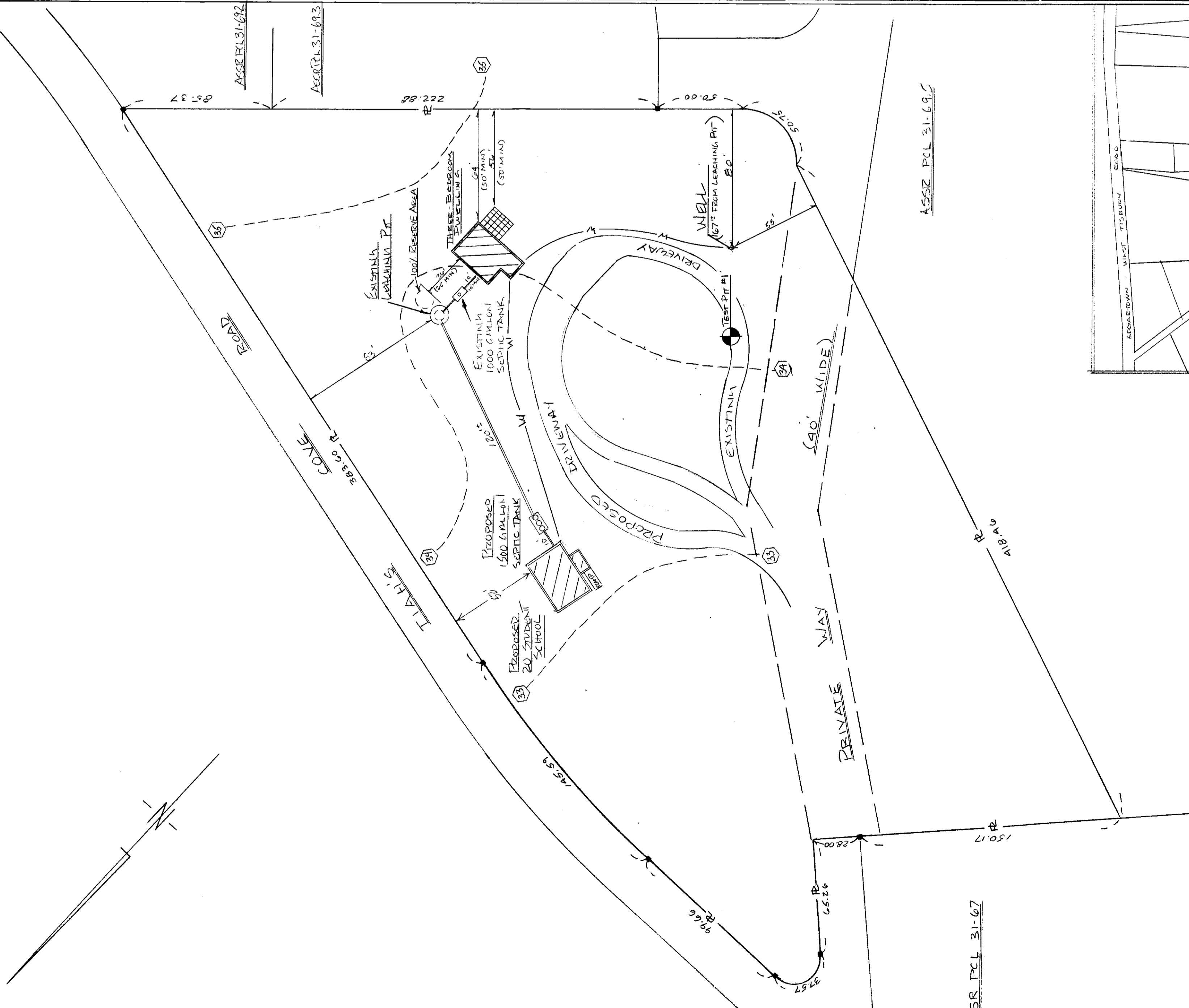
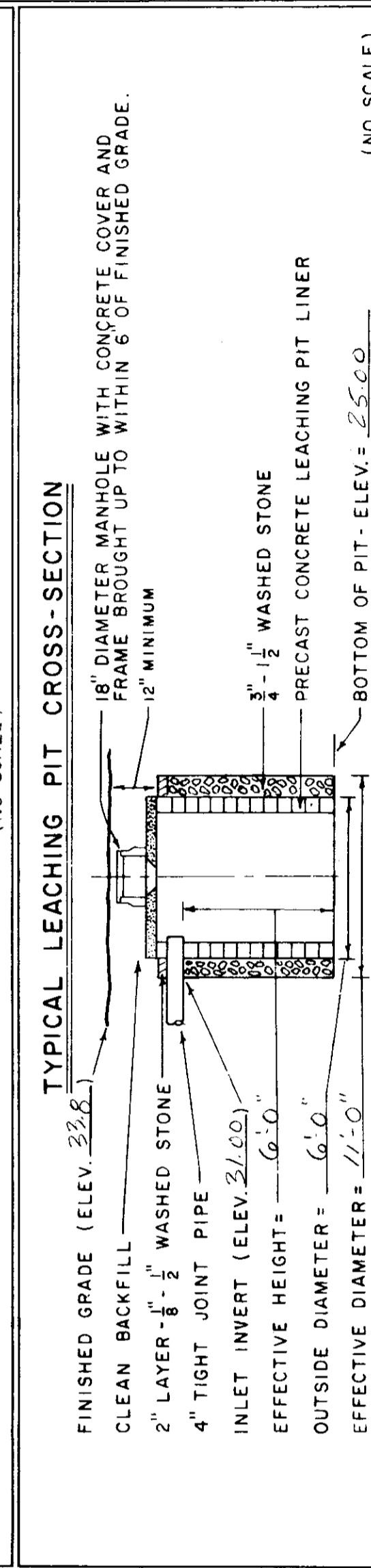
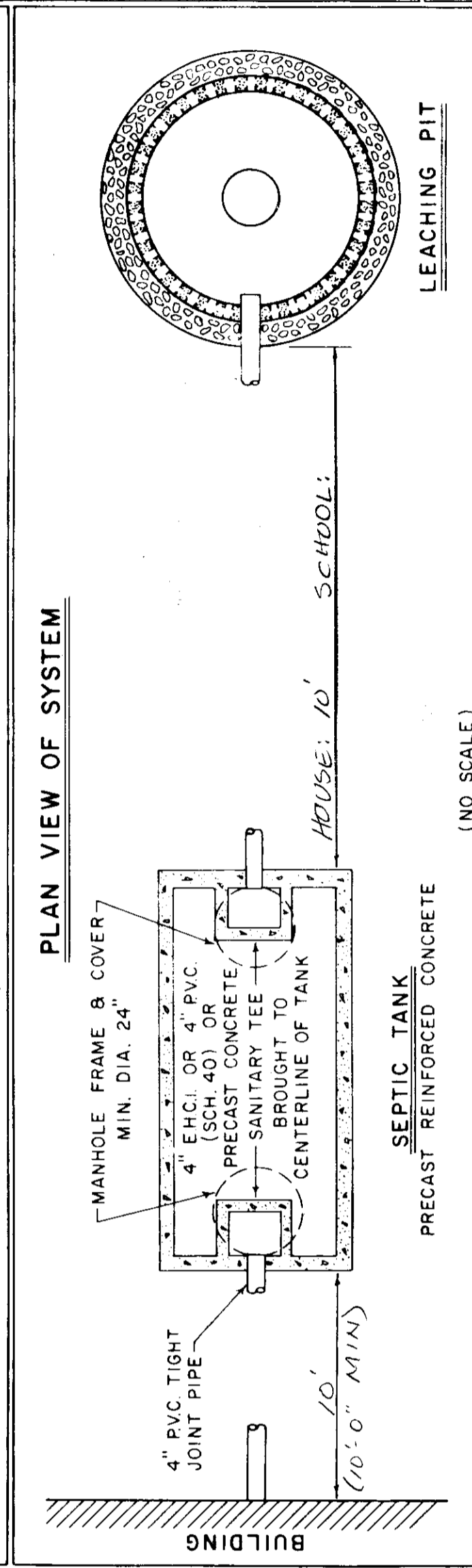
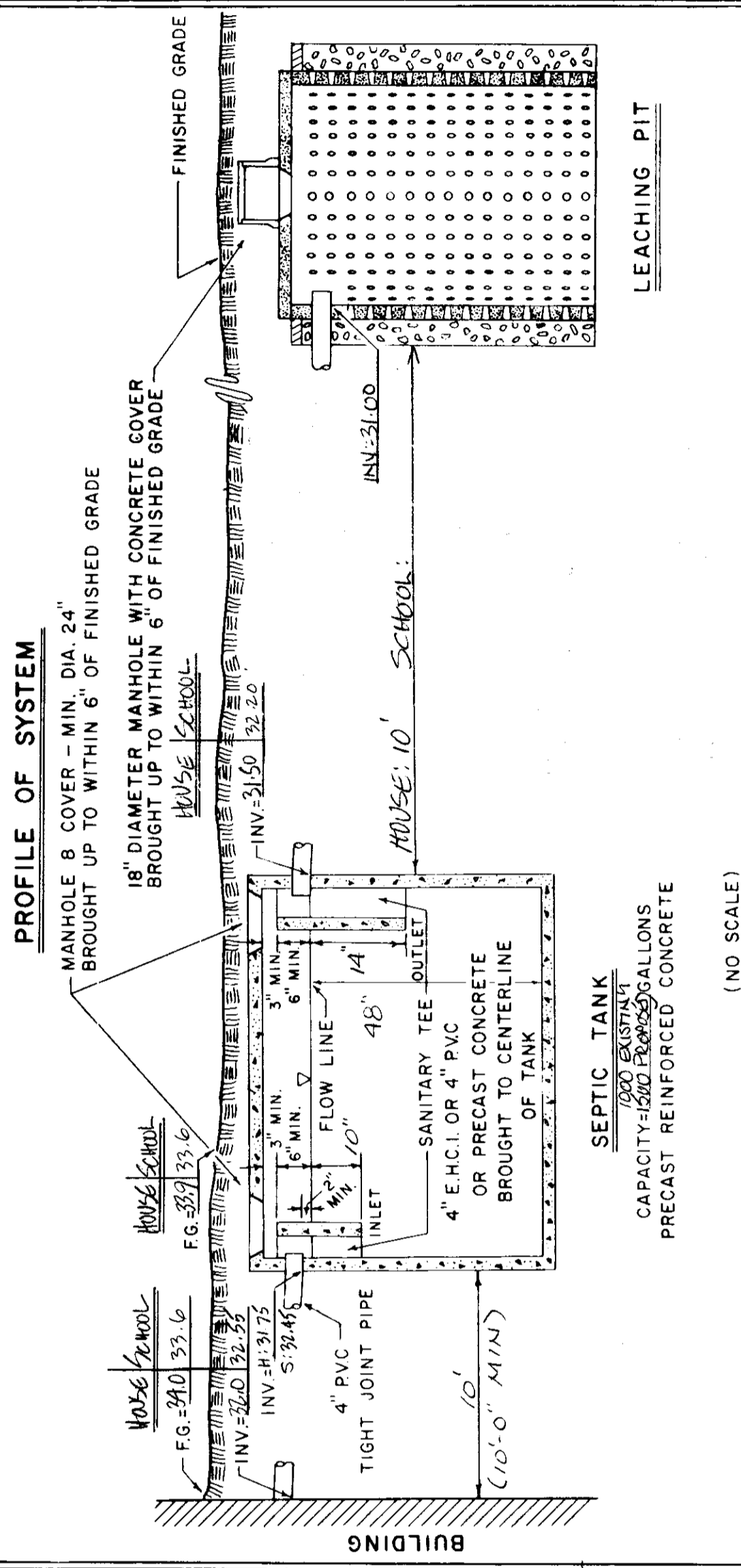


PLOT PLAN
SCALE: 1"=40'
LOT AREA = 3,571 SQ. FT.



NOTES
1. NO WELLS WERE FOUND WITHIN 150' OF THE PROPOSED LEACHING FACILITY.
2. LEACHING FACILITIES WERE FOUND WITHIN 150' OF THE PROPOSED WELL.
3. WEST OF LEACHING PIT INLET TO BE UNBUILT AT START OF STRUCTURE.



SCHEDULE OF ELEVATIONS

FINISHED GRADE ABOVE STRUCTURE	FINISHED GRADE ABOVE STRUCTURE
Top of foundation = 34.00	Invert of distribution box inlet = N/A
Basement floor = 27.00	Invert of distribution box outlet = N/A
Invert of pipe at foundation = 32.00	Invert of leaching pit inlet = 33.00
Invert of septic tank inlet = 31.75	Elevation of leaching pit bottom = 25.00
Invert of septic tank outlet = 31.50	Finished grade over leaching pit - See Plot Plan = 33.9

NOTE: GROUNDWATER BEING ELEVATION 10 ACCORDING TO GROUNDWATER HYDROLOGY OF MARTHA VINEYARD, DECEMBER, 1960

SOIL TEST DATA

DEEP TEST PIT 1 (SURFACE ELEVATION 34.3)	DEEP TEST PIT 2 (SURFACE ELEVATION 34.3)	DEEP TEST PIT 3 (SURFACE ELEVATION 34.3)	DEEP TEST PIT 4 (SURFACE ELEVATION 34.3)	DEEP TEST PIT 5 (SURFACE ELEVATION 34.3)
DATE OF TEST: SEPTEMBER 26, 1991	DATE OF TEST	DATE OF TEST	DATE OF TEST	DATE OF TEST
DEPTH: 0'-6"	DEPTH: 0'-6"	DEPTH: 0'-6"	DEPTH: 0'-6"	DEPTH: 0'-6"
SOIL DESCRIPTION: TOP SOIL	SOIL DESCRIPTION: SILTY SAND SUBSOIL	SOIL DESCRIPTION: MEDIUM SAND	SOIL DESCRIPTION	SOIL DESCRIPTION
PERCOLATION TEST DATA	PERCOLATION TEST DATA	PERCOLATION TEST DATA	PERCOLATION TEST DATA	PERCOLATION TEST DATA
TEST PIT NO. 1	TEST PIT NO. 2	TEST PIT NO. 3	TEST PIT NO. 4	TEST PIT NO. 5
DATE: 9-26-91	DATE: 9-26-91	DATE: 9-26-91	DATE: 9-26-91	DATE: 9-26-91
DEPTH FROM TOP OF PIT: 46"	DEPTH FROM TOP OF PIT: 46"	DEPTH FROM TOP OF PIT: 46"	DEPTH FROM TOP OF PIT: 46"	DEPTH FROM TOP OF PIT: 46"
ELEVATION: 30.3	ELEVATION: 30.3	ELEVATION: 30.3	ELEVATION: 30.3	ELEVATION: 30.3
RATE: 2	RATE: 2	RATE: 2	RATE: 2	RATE: 2

GENERAL NOTES

- Equations refer to APPROXIMATE MEAN SEA LEVEL DATA. See Bench Mark on Plot Plan located on CONCRETE FOUNDATION. ELEVATION = 36.00
- Finished grading to be done in accordance with plot plan.
- 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 WEST Tisbury.
- All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching pit and to a distance of 100 feet from all sides of the leaching pit. Backfill as required with a clean gravel or sandfill material, free from fines, clay, organic matter, and large boulders, having a percolation rate in its original location and after placement of 2 minutes per inch or faster. Construct pit in this material.
- All washed stone in the leaching field must have less than 0.2 percent material finer than a number 200 sieve as determined by the A.A.S.H.O. Test Methods T-11 and T-27 (latest edition).
- Tight joint piping to consist of Polyvinyl Chloride Pipe (P.V.C.), Schedule 40, unless otherwise noted.
- In cases where ledge or boulders are present, Schofield, Barbin, & Hoehn, Inc. will not be responsible for assuring the amount of rock to be encountered.
- Schofield, Barbin, & 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, Barbin, & Hoehn, Inc.
- Heavy machinery shall not be permitted to pass over the leaching pit.
- The Board of Health shall require inspection of all construction by the design engineer or by an agent of the Board of Health, and require such person to certify in writing that all work has been completed in accordance with the terms of the permit and the approved plans.
- No permanent structure may be constructed over the 100% expansion area.
- For proper performance, septic tank should be inspected at least once a year and when the total depth of scum and solids exceeds 1/3 the liquid depth of the tank, the tank should be pumped.

DESIGN DATA

- Estimated Hydraulic Loading
Bathrooms at 110 gallons per day per bedroom = 230 GPD.
Kitchen, Student, Elementary School at 10 GPD/STUDENT = 200 GPD.
- Septic Tank Size 200 x 200 x 4.00 (TOTAL = 536 GPD)
- Average daily flow = 330 x 1.50 = 495 gallons (minimum)
- Septic tank provided = 1000 GALLONS (EXISTING) / 1500 GALLONS (PROPOSED)
- Design percolation rate = 2.00 M.P.I.
- Side wall loading = 2.50 gallons / S.F.
- Bottom loading = 2.00 gallons / S.F.
- Leaching Area
Total sidewall area provided = 207 S.F. x 2.50 gal / S.F. = 517 gal.
Total bottom area provided = 200 S.F. x 2.00 gal / S.F. = 400 gal.
Actual hydraulic loading = 517 + 400 = 917 gallons
- Minimum size leaching area allowed under the Town of WEST Tisbury
Board of Health requirements is THE SAME AS TITLE V.

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 (see Note # 7 above)
- P.V.C. Denotes extra heavy cast iron
- E.H.C.I. Denotes water service
- W— Denotes approximate property line
- OW— Denotes overhead wires
- D— Denotes storm drain pipe
- Denotes catch basin

PROPOSED SEWAGE DISPOSAL SYSTEM

TO SERVE A PROPOSED THREE-BEDROOM HOUSE AND A PROPOSED CO-EDUCATION ELEMENTARY SCHOOL TIAH'S COVE ROAD - ASSR PCL 31-69.1 WEST TISBURY, MASSACHUSETTS

APPLICANT: PERSPAH PELLUCCI
PO BOX 1079
WEST TISBURY, MA 02525
TEL. NO. 696-6082

DATE: FEBRUARY 11, 1994 SCALE: AS NOTED
DRAWN BY: SCHAUB
DESIGNED BY: SCHAUB
CHECKED BY: RST

SEAL: [Professional Engineer Seal]

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