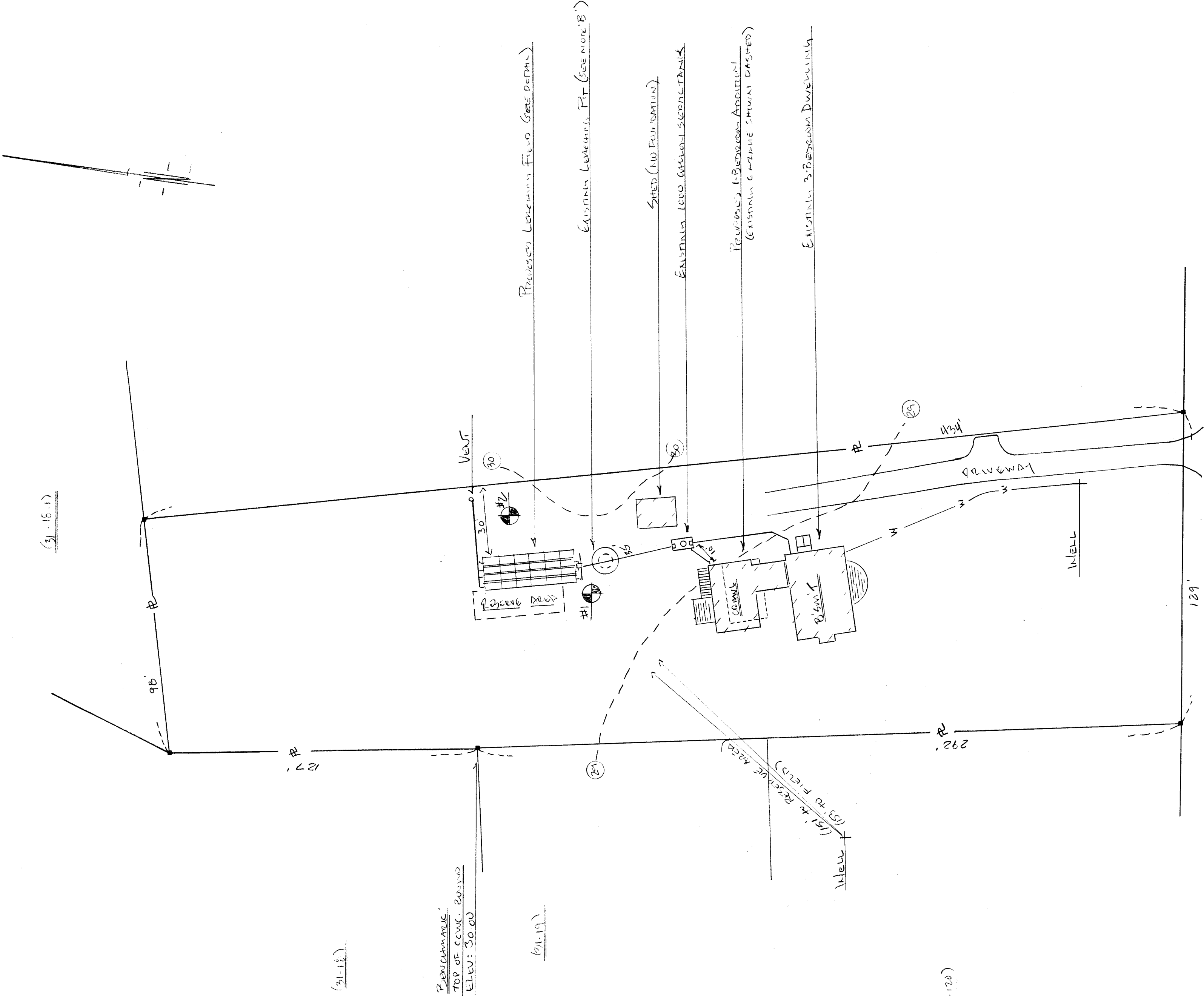
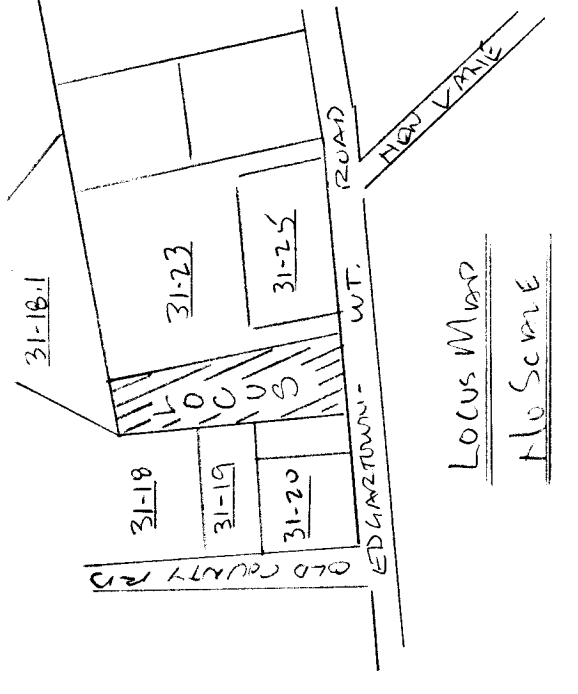


PLOT PLAN  
SCALE: 1"=30'  
LOT AREA= 41,916 SQ. FT.

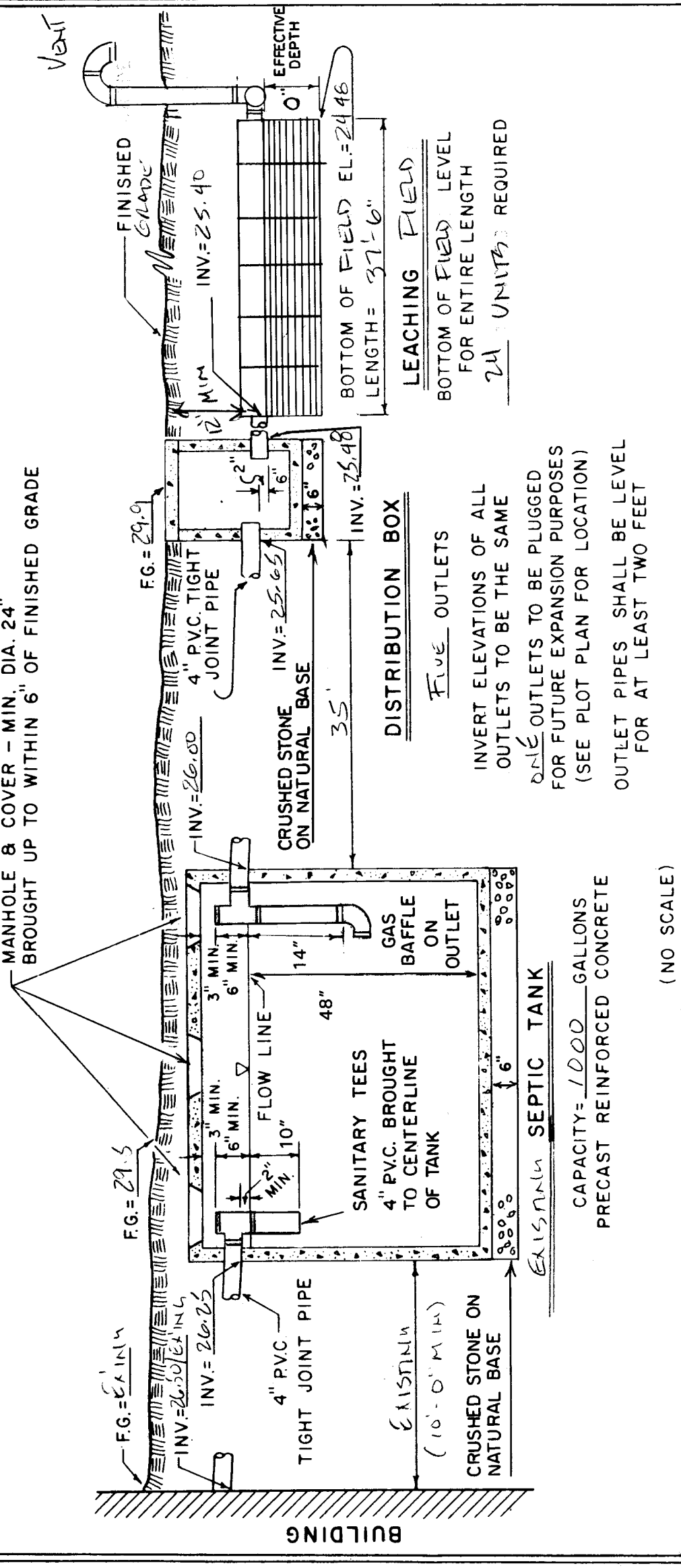


EDMUNDTOWN - WEST TISBURY ROAD

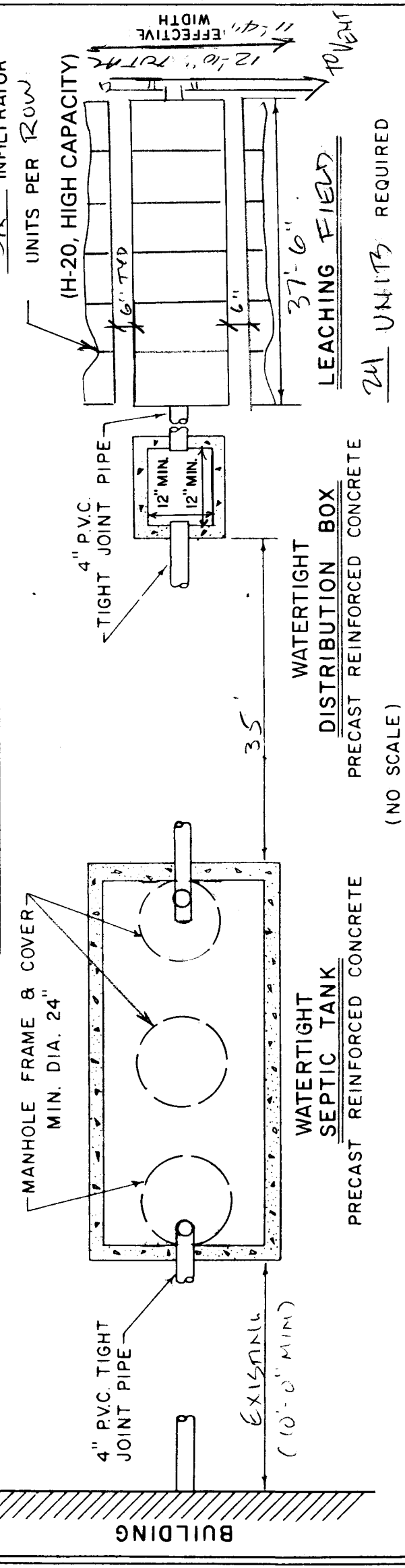
- Notes:
- A. No Manhole Found Within 150' of the Proposed Leachina Facility!
  - B. Edmundtown Lotmark Pit to be abandoned. Remain in place with concrete cap.
  - C. Invert at 2.623 to be maintained as shown at distance construction.
  - D. ENGINEER TO INSPECT EXISTING UTILITY OF LEACHINA FACILITY.



PROFILE OF SYSTEM



PLAN VIEW OF SYSTEM



SCHEDULE OF ELEVATIONS

DESCRIPTION	ELEVATION
Top of foundation	EXISTING
Basement floor	EXISTING
Invert of pipe at foundation	26.50/EXISTING EXISTING
Invert at septic tank inlet	26.23
Invert at septic tank outlet	26.00
Invert at distribution box inlet	29.5
Invert at distribution box outlet	29.48
Elevation of F15-P bottom	24.46
Finished grade over leaching area	See Plot Plan

SOIL TEST DATA

DATE OF TEST	DEPTH	SOIL DESCRIPTION	HORIZON	DEPTH	SOIL DESCRIPTION	HORIZON	PERCOLATION TEST DATA
NOVEMBER 22, 1993	0'-10"	TOPSOIL	Ap	8'-26.03	(f) SANDY CLAY	26.9	RATE: MINUTES PER INCH < 5
	10'-30"	SALT SUBSOIL	B				
	32'-58"	CLAY (S) SAND	C1				
	58'-114"	(f) SAND w/ GRAVEL	C2				

1. Elevations refer to EDMUNDTOWN Mean Sea Level Datum. See Bench Mark on Plot Plan located at EDMUNDTOWN PROPERTY. ELEVATION 30.00.

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 EDMUNDTOWN.

5. All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching field and to a distance of 5 feet from all sides of the leaching field. Excavate down to 24 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 engineer 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  $\frac{1}{2}$  the liquid depth of the tank, the tank should be pumped.

13. Distribution Box Cover to be brought to finish grade.

GENERAL NOTES

1. Estimated Hydraulic Loading  
 $\frac{100}{\text{sq. ft.}} \times \text{Bedrooms} = 110 \text{ gallons per day per bedroom} = 440 \text{ GPD}$   
Garbage disposal is NOT allowed with this design.

2. Septic Tank Size  
Average daily flow =  $440 \times 2.00 = 880$  gallons (minimum)  
Septic tank provided =  $2200$  gallon capacity (EX. 157MA)

3. Design percolation rate =  $5$  M.P.I.  
Soil textural class =       
Loading rate =  $0.24$  gallons/SF  
Leaching Area  
Total leaching area provided =  $424 \text{ SF}$

4. Maximum allowable loading  $\frac{424 \text{ SF} \times 1.67 (\text{M.P.I.} \times \text{PERM}) \times 0.24 (\text{GPD/SF})}{525 (\text{GPD})}$   
Actual hydraulic loading =  $440$  gallons

DESIGN DATA

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

LEGEND

TO SERVE AN EXISTING THREE-BEDROOM DWELLING AND PROPOSED ONE-BEDROOM ADDITION  
EDMUNDTOWN WEST TISBURY ROAD - ASK PER 31-21  
APPLICANT: ROBERT LUSKIN  
BOX 3088  
WEST TISBURY, MASSACHUSETTS  
TEL. NO. 696-9227  
WEST TISBURY, MA 02575

DATE: OCTOBER 2, 2003 SCALE: AS NOTED

DESIGNED BY: CPA  
DRAWN BY: CMA  
CHECKED BY: CTS

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