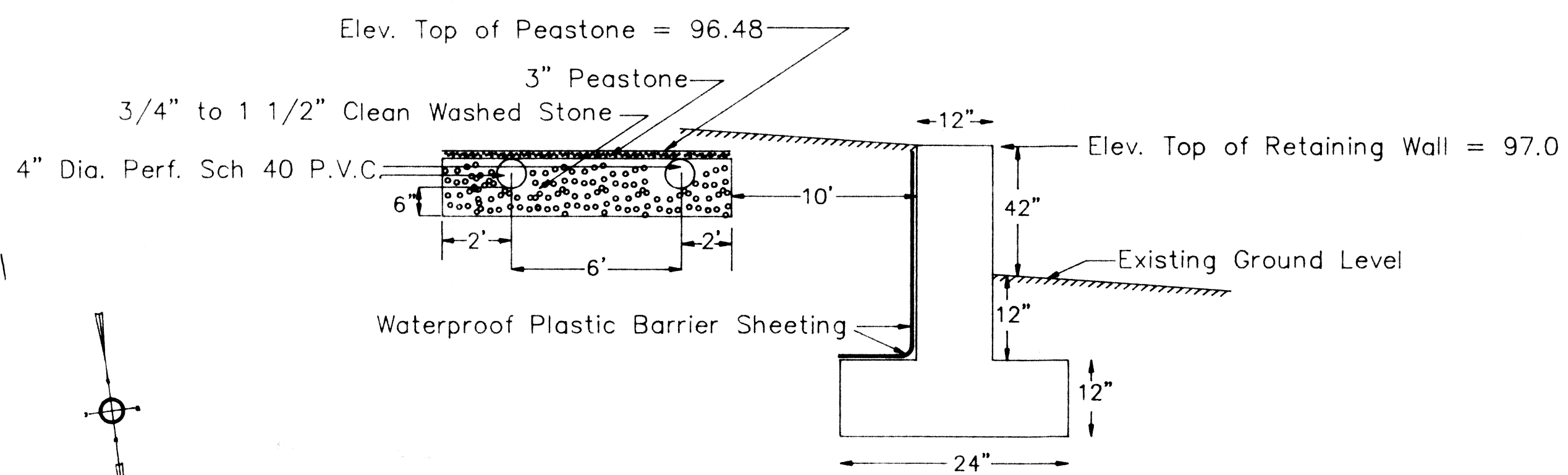


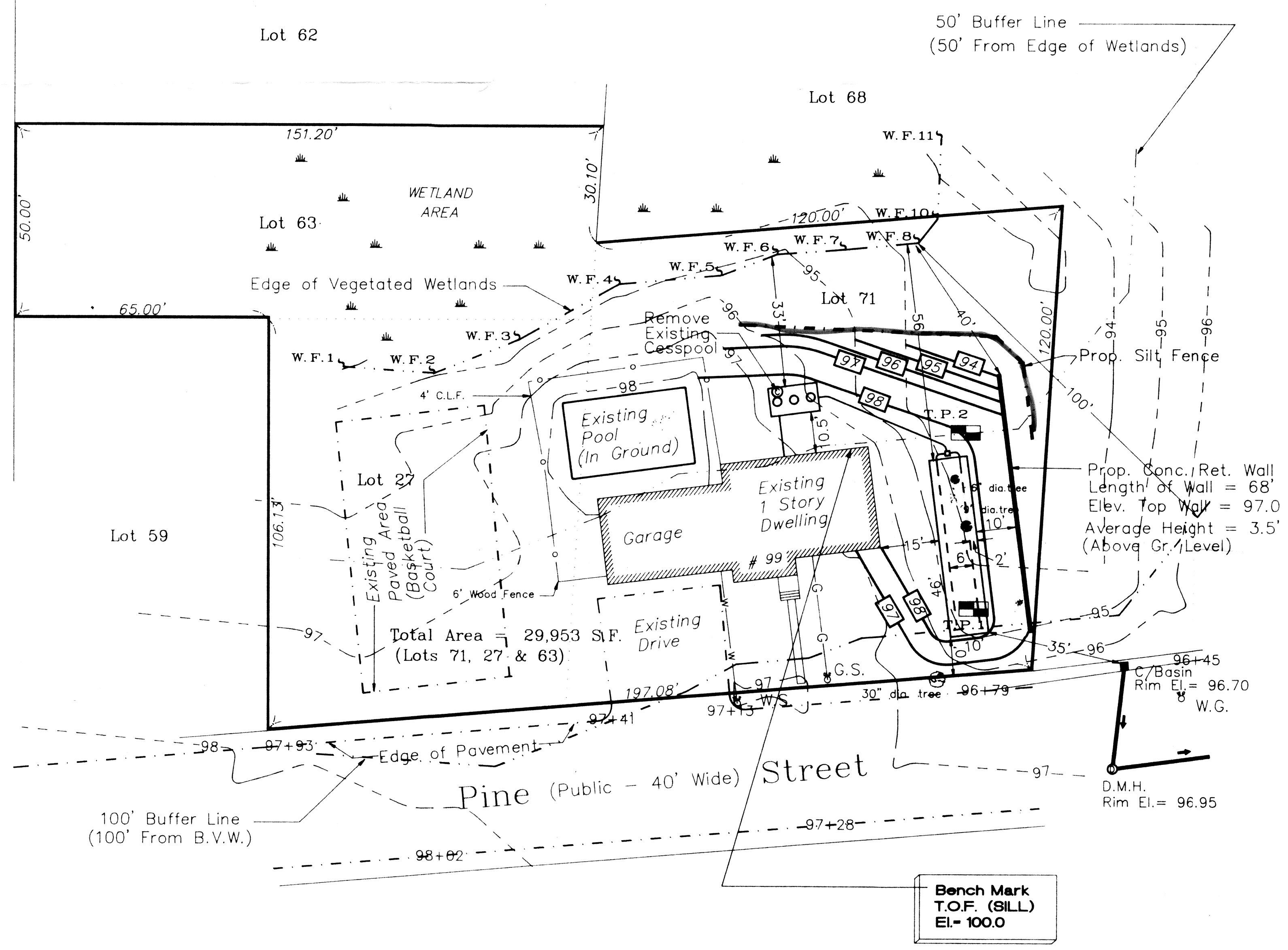
① SATY HANAC  
 Phone 608-399-8578  
 121 Pine St  
 Seekonk  
 MA 02771



Retaining Wall Section  
 (Not to Scale)  
 Reinforced Conc. Ret. Wall.  
 Construction Drawings to be provided by Structural Engineer.

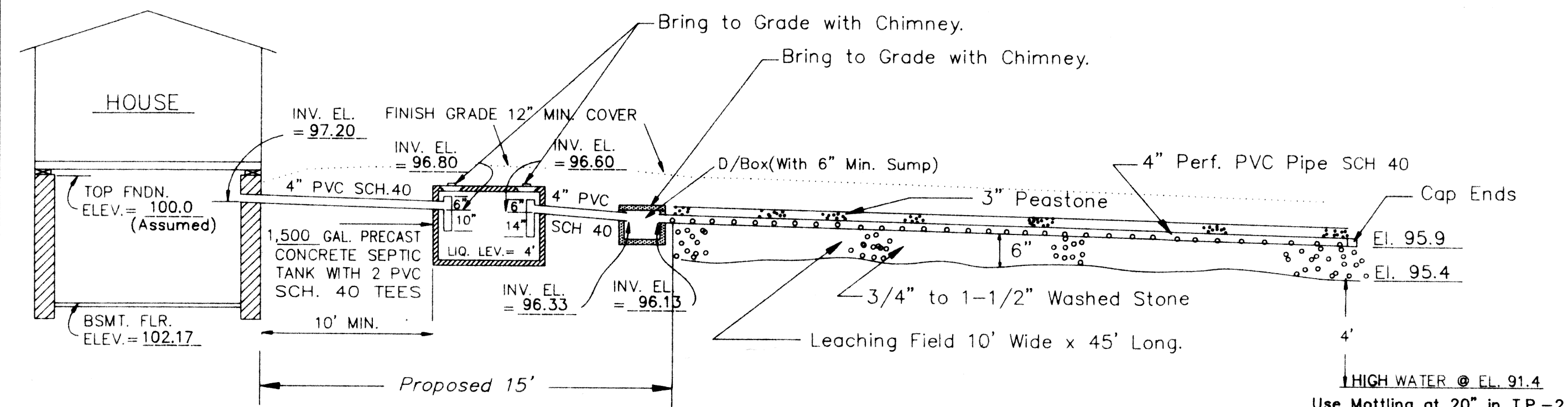
Variances Requested under 310 CMR Section 15.405: Local Upgrade Approval.  
 Variance 1.(15.405:(b)):- Provide 15' Setback from Cellar Wall. (20' Required).  
 Variance 2.(15.405:(i)):- Provide 4' Separation to Water Table.  
 (5' is required when Perc. Rate is less than 2 Min./Inch)

Racine Avenue



Bench Mark  
 T.O.F. (BILL)  
 EI= 100.0

SECTION



PROFILE OF SYSTEM  
 NOT TO SCALE

PERC. TEST DATA

T.P. 1	Gr. EL. = 94.10	Colors	T.P. 2	Gr. EL. = 93.06	Colors
1' A	Loam	7.5 YR-3-2	0.3' A	Loam	7.5 YR-3-2
1.3' B	Loamy Sand	10 YR-5-4	0.5' B	Loamy Sand	10 YR-5-4
C	Medium to Coarse Sand	10 YR-6-6	C	Medium to Coarse Sand	10 YR-6-6

OB. Hole Depth = 8'  
 Standing Water at 4'  
 Mottling at 3'  
 Perc. Depth = 2.5'/4'  
 Perc. Rate less 2 Min./Inch  
 Mottling at El. = 91.10

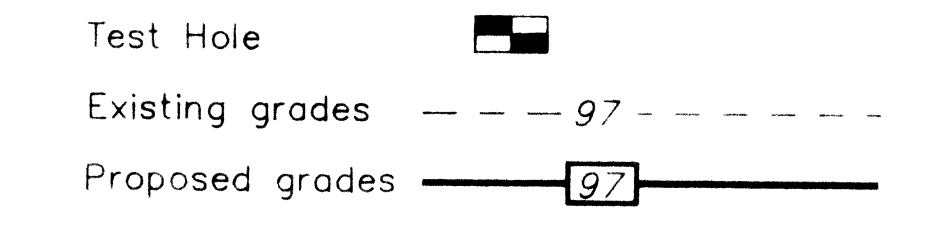
OB. Hole Depth = 8'  
 Standing Water at 3'  
 Mottling at 20"  
 No Perc. Done  
 Mottling at El. = 91.40

NOTES:  
 Perc. Dates: May 8, 1997.  
 Health Agent: Harold E. Chenevert Jr.  
 Engineer: Patrick Roseingrave P.E. & Soil Evaluator.  
 Excavator: R. D'Ambrosia (Weymouth)

DESIGN DATA

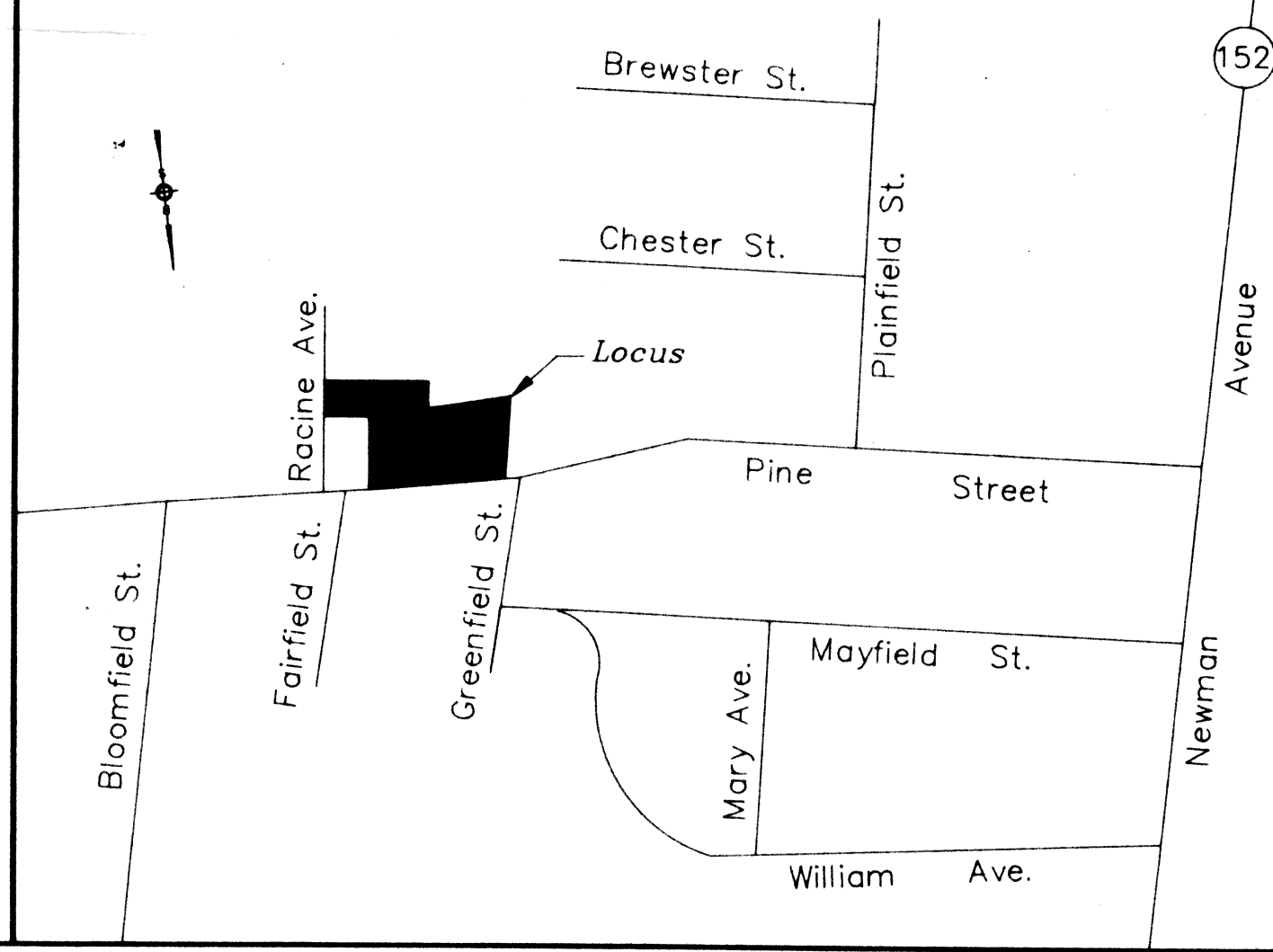
- DESIGN NOTES:
- Existing Dwelling is 3 Bedrooms. (Design for 3 Bedrooms). Design Daily Flow = 330 Gallons Per Day.
  - Use a 1,500 Gallon Septic Tank.
  - Use a Leaching Field at 10' Wide x 45' Long.
  - Leaching Area provided = 450 Sq. Ft.
  - 450 Sq. Ft. provides for (450 x 0.74) = 333 Gallons Per Day (New Title V)
  - Soil types (New Title V) are Class 1 - Sands
  - Design Prohibits the Use of Garbage Grinders.
  - Use only Schedule 40 P.V.C. Pipe.
  - Change internal plumbing to match proposed elevation out Foundation.
- Perc Design Rate = 2 Min./Inch
- Important: Inspection required by Engineer and Health Agent
- After excavation but before replacing material (if any).
  - After installation but before backfilling.
  - On Completion.
- Note: - Remove & Replace.  
 Remove all Top & Subsoil (A & B Layer) in area of Proposed System and for a distance of 5' all around the proposed system.  
 Replace this material to Elev. 95.9 with clean sand having a percolation rate of 5 Min./Inch or less.

LEGEND:



LOCUS

Not to scale



Proposed Septic Disposal System  
 (Repair to Existing System)  
 99 Pine Street,  
 Seekonk, Massachusetts.

CCR Associates  
 Civil Engineers & Land Surveyors  
 49 Pleasant St.  
 Weymouth, Mass.  
 Phone 617-335-6176

Scale: 1" = 20'  
 Date: May 20, 1997.

