

No. 93-12

#5 24454 ①  
FEE 60.00  
8/25/93

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct (X) or Repair ( ) an Individual Sewage Disposal System at:

5 CANTERBURY LAKE  
Bay Rd

Lot 12A (12)

Ronald Laverdiere  
Bill Peeso

RR2 Pelham Hill Rd Amherst

Type of Building Dwelling X No. of Bedrooms 4 Expansion Attic (NO) Garbage Grinder (YES)  
Other — Type of Building No. of persons 8 Showers ( ) — Cafeteria ( )  
Other fixtures

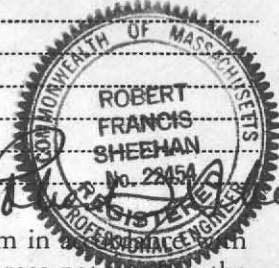
Design Flow 55 gallons per person per day. Total daily flow 825 gallons.  
Septic Tank — Liquid capacity 1500 gallons Length 120" Width 62" Diameter Depth 48"  
Disposal Trench — No. 2 Width 36" Total Length 100" Total leaching area 300 sq. ft.  
Seepage Pit No. N/A Diameter Depth below inlet 12" Total leaching area 212 sq. ft.

Other Distribution box (YES) Dosing tank ( )  
Percolation Test Results Performed by Filias Enterprises, Inc Date April 19, 1989  
Test Pit No. 1 2:0 minutes per inch Depth of Test Pit 50" Depth to ground water below 10'  
Test Pit No. 2 2:0 minutes per inch Depth of Test Pit 80" Depth to ground water

Description of Soil See Attached sheets

Nature of Repairs or Alterations — Answer when applicable

Agreement: Insp. Dave Zarozinski  
The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Environmental Code — The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by the board of health.



Signed Ronald J. L. Jones 8/25/93  
Application Approved By Paul J. [Signature] for G. [Signature] 8/25/93

Application Disapproved for the following reasons:

Permit No. 93-12 Issued Date

Paul Lussier  
for F.R. Peeso

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF Amherst

Certificate of Compliance

Richard [Signature] 4/13/93

THIS IS TO CERTIFY That the Individual Sewage Disposal System constructed ( / ) or Repaired ( ) by Bill Peeso at Lot 12 Canterbury Lake

has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal Works Construction Permit No. 93-12 dated

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE 4/13/93 Inspector Paul J. [Signature]

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF Amherst

No. 93-12

FEE 60.00

Disposal Works Construction Permit

Permission is hereby granted to Construct ( / ) or Repair ( ) an Individual Sewage Disposal System at No. Lot 12 Canterbury Lake

as shown on the application for Disposal Works Construction Permit No. 93-12 Dated 8/25/93

DATE 8/25/93 Board of Health Paul J. [Signature]

CHECK OR FILL IN WHERE APPLICABLE

1892

Office of the Secretary of the Interior

Washington, D.C.

Dear Sir:



Reference is made to your letter of the 10th inst.

relative to

the application of the provisions of the Act of March 3, 1879, in relation to the

land of the United States in the Territory of New Mexico, and to the

provisions of the Act of March 3, 1879, in relation to the

land of the United States in the Territory of New Mexico, and to the

provisions of the Act of March 3, 1879, in relation to the

land of the United States in the Territory of New Mexico, and to the

Very respectfully,  
Secretary of the Interior

TOWN OF AMHERST

PERC TEST DATA SHEET

~~EXTRA~~  
LOT 12

DATE 4/19/89 LOCATION BAY ROAD LOT SIZE LOT 12

OWNER Ron LaVerdiere ADDRESS 148 Wildflower Drive TELE # 256-8285

P.E./RS Robert Stover FIRM FILLOS ENT OBSERVED BY DAVID ZARRINSKI

BACK HOE OPERATOR STONEY'S BENCH MARK \_\_\_\_\_

PERC DEPTH 50" PRE SOAK TIME 2:45 PERC DEPTH 80" PRE SOAK TIME 3:14

TEST CANT HOLD WATER CANT HOLD

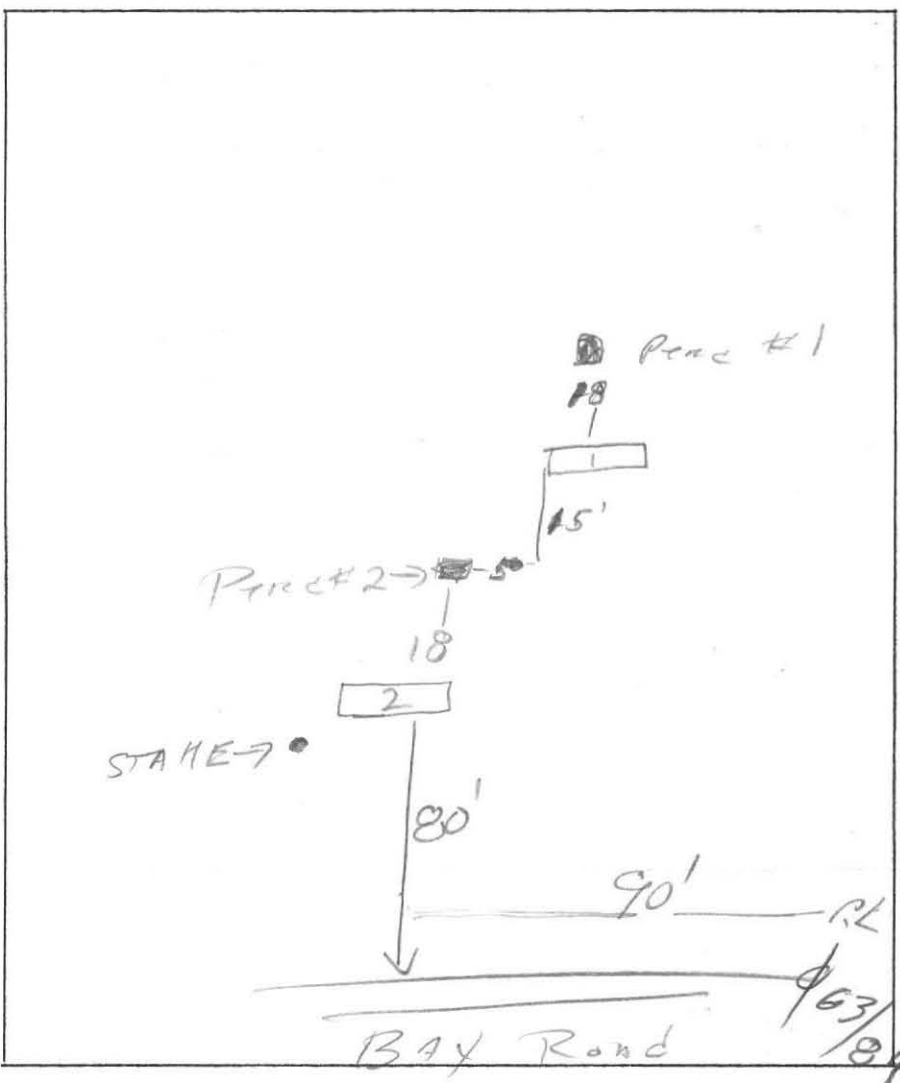
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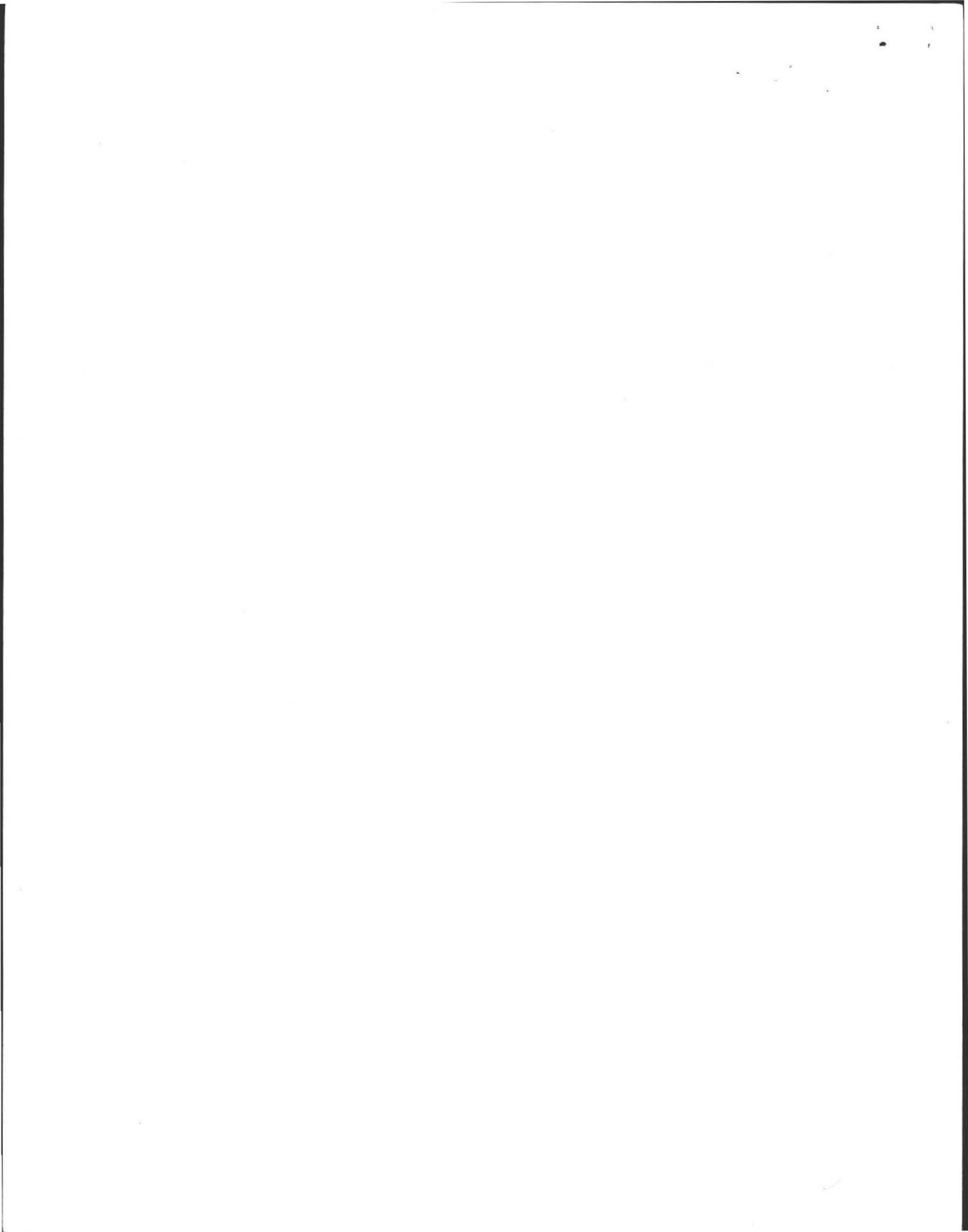
RATE (2) RATE (2)

#1	#2
TOP 5	TOP 9
SUB 9	SUB 17
Fine med gravel 6 1/2	course sand 5 1/2
fine sand 12 1/2	FINE SAND med 13'

TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB



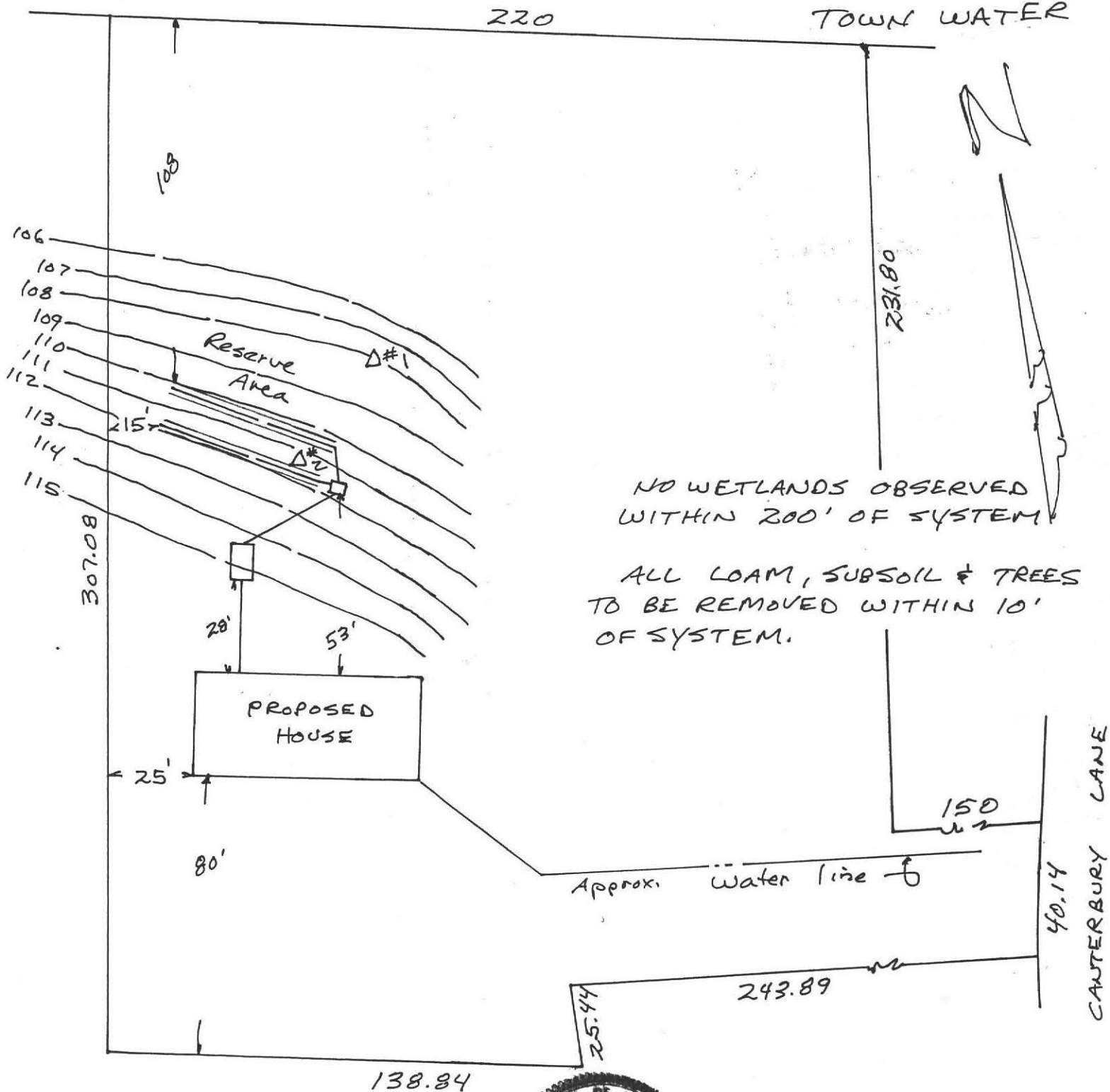


TBM .100.0  
NAIL IN U-pole  
UP 2.5' ↘  
BAY

Lot 12A P. 2  
Bay Rd.

RD.

Scale 1" = 40'  
TOWN WATER



NO WETLANDS OBSERVED  
WITHIN 200' OF SYSTEM

ALL LOAM, SUBSOIL & TREES  
TO BE REMOVED WITHIN 10'  
OF SYSTEM.



Robert Sweeney

Design by Lewis & Cook  
Surveyors, Inc.



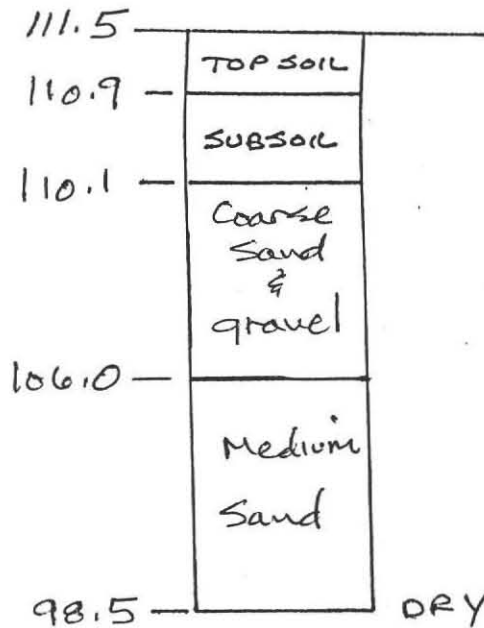
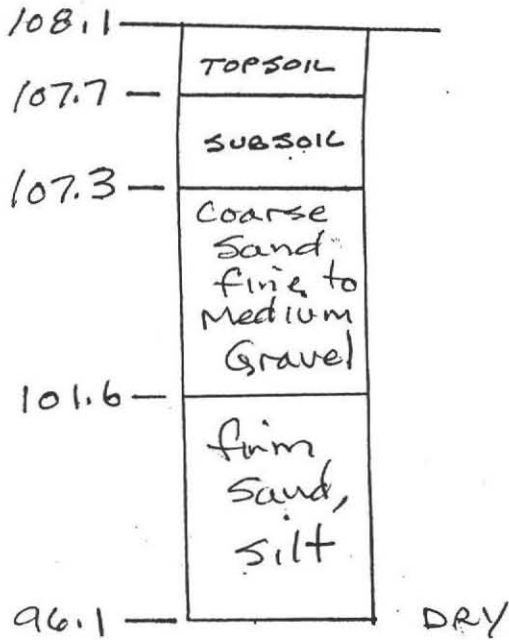
DEEP TEST HOLES

LOT 12-A Pg. 3

Bay Rd

#1

#2



CALCULATIONS

BOTTOM AREA (NOT ALLOWED OVER 20.0 mm/in) 2.0 min./in = 1.0 gal./sq.ft.

$$50' \times 3' \times 2 \text{ lines} = 300 \text{ sq. ft.} \times 1.0 \text{ gal./sq. ft.} = 300.0 \text{ GAL.}$$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

2.0 min./in = 2.5 gal./sq.ft.

$$50' \times 1' \times 2 \text{ sides} \times 2 \text{ lines} = 200 \text{ sq. ft.}$$

$$3' \times 1' \times 2 \text{ ends} \times 2 \text{ lines} = 12 \text{ sq. ft.}$$

$$212 \text{ sq. ft.} \times 2.5 \text{ gal./sq. ft.} = 530.0 \text{ GAL.}$$

$$830.0 \text{ GAL.}$$

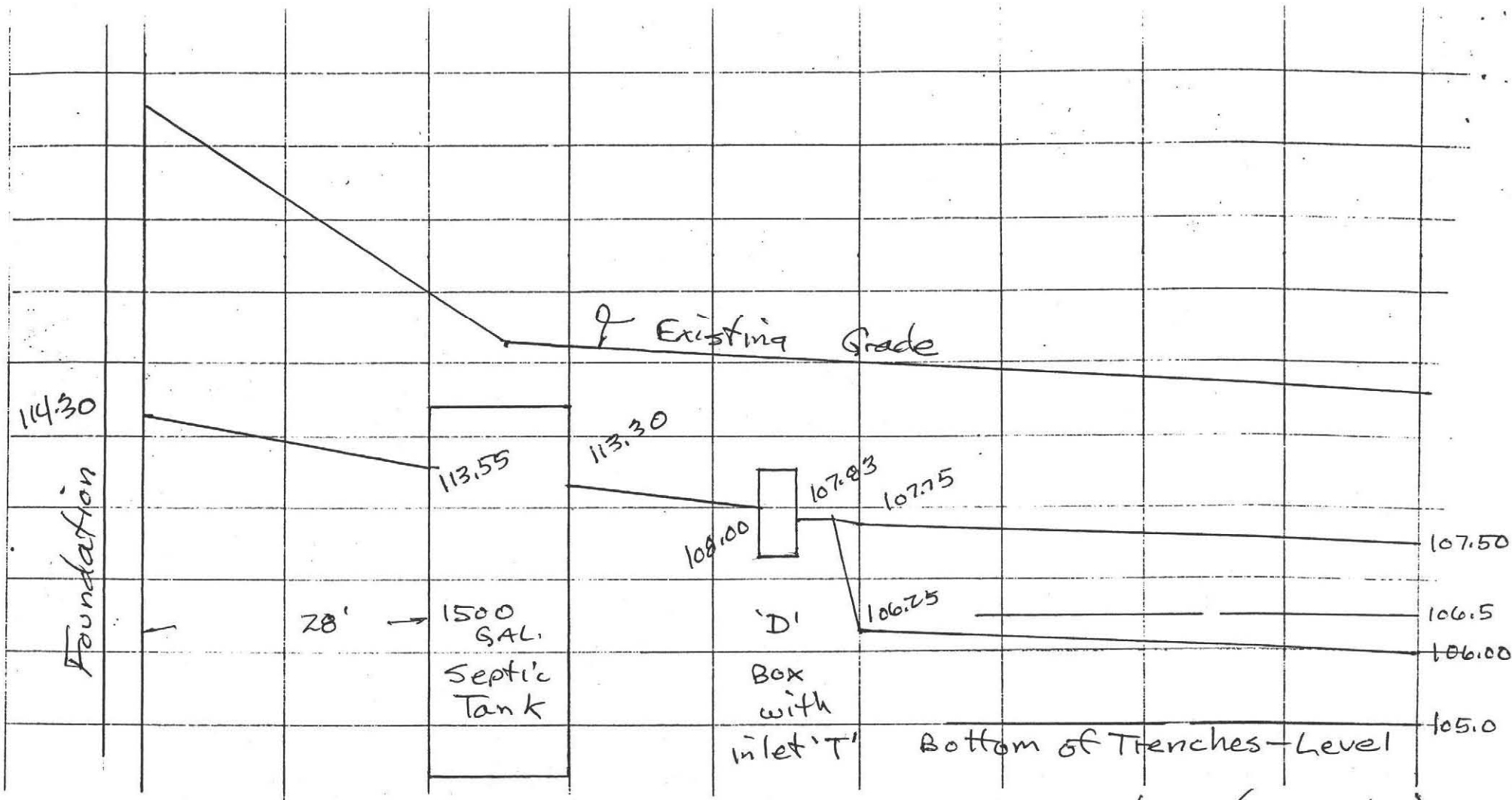
AVAILABLE



825 GAL. REQUIRED

11  
12  
13  
14





Lead Trenches (2-50' long)

NOTES:

1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6: 8,9 TITLE 5)
2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10: 4 TITLE 5)
3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE BOTTOM OF PIPE)
6. D-BOX OUTLET PIPES SHALL BE LEVEL MIN. 2.0 FT. (SECT. 15.10: 3 TITLE 5)
7. END CAPS ON PIPES

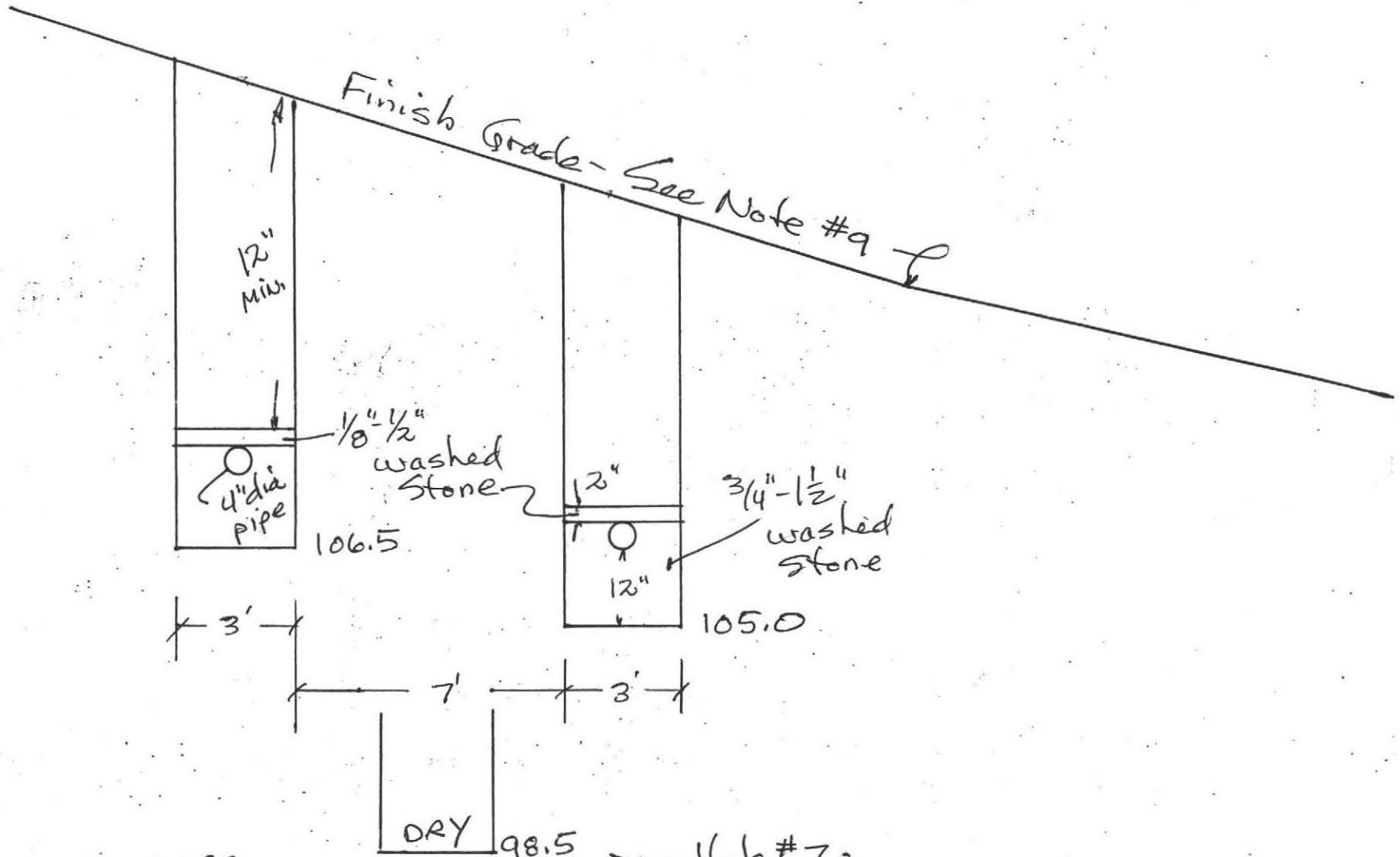
PROFILE OF SYSTEM

SCALE HORIZ. 1" = 10'  
VERT. 1" = 2'



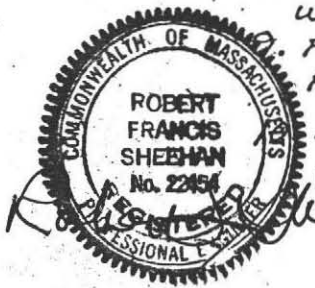
*R. Sheehan*

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NOTES:  
 8. ALL LOAM, SUBSOIL, AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 10 FT. OF LEACHING FACILITY, SECT 15.02:17 TITLE 5 FINISH GRADE ABOVE & ADJACENT TO SYSTEM SHALL SLOPE @ least 2% TO PREVENT ACCUMULATION OF SURFACE WATER.  
 FILL SHALL HAVE PERC RATE OF 2.0 min/in. BEFORE AND AFTER PLACEMENT.

CROSSSECTION OF SYSTEM  
 NO SCALE



LOT 13A  
 Bay Rd  
 Pg. 5

