

817 Bay Road

Ron Laverdiere

No. 92-30

FEE

pd 60.00
11/23/92
P1713
0113251

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:

Location - Address: Bay Rd 13
Ronald Laverdiere 259-1765 RR 2 Pelham Hill Rd Amherst, MA
Owner: Bill Ferso
Installer: Bill Ferso

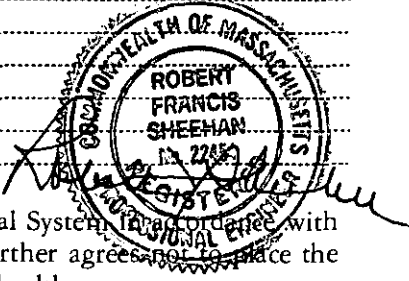
Type of Building: Dwelling No. of Bedrooms: 3 Expansion Attic () Garbage Grinder (yes) Other - Type of Building: No. of persons: 6 Showers () - Cafeteria () Other fixtures:

Design Flow: 55 gallons per person per day. Total daily flow: 495 gallons.
Septic Tank - Liquid capacity: 1520 gallons Length: 120" Width: 62" Diameter: Depth: 48"
Disposal Trench - No.: 2 Width: 36" Total Length: 80' Total leaching area: 240 sq. ft.
Seepage Pit No.: NA Diameter: Depth below inlet: 12" Total leaching area: 172 sq. ft.
Other Distribution box (yes) Dosing tank ()
Percolation Test Results Performed by: Fred Fillos, RS Date: April 19, 1989
Test Pit No. 1: 2.0 minutes per inch Depth of Test Pit: 64" Depth to ground water: below 12'
Test Pit No. 2: minutes per inch Depth of Test Pit: 52" 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 Laverdiere Date: 11/23/92
Application Approved By: James Schmitt PE (for administrative purposes only) Date: 11/23/92
Town Engineer
Application Disapproved for the following reasons:

Permit No. 92-30 Issued Date: May 24, 1993

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Certificate of Compliance

THIS IS TO CERTIFY that the Individual Sewage Disposal System constructed (X) or Repaired () by Bill Ferso at Lot 13 Bay Road 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. 92-30 dated

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

DATE Inspector

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

No. 92-30

FEE \$1 per foot

Disposal Works Construction Permit

Permission is hereby granted Ronald Laverdiere to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 13 Bay Road (Lot 13) Street 07-71

CHECK OR FILL IN WHERE APPLICABLE

817 Bay Road

No. 92-30

Fee pd 60.00
11/23/92
Pl 17.03
01/32.51

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:

Location - Address: Bay Rd, 13, Ronald Laverdiere, 259-1765, RR 2 Pelham Hill Rd, Amherst, MA
Owner: Bill Fecso
Installer: Bill Fecso

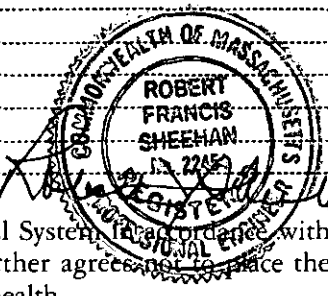
Type of Building: Dwelling (X) No. of Bedrooms: 3, Expansion Attic (), Garbage Grinder (YES), Other - Type of Building: , No. of persons: 6, Showers (), Cafeteria ()

Design Flow: 55 gallons per person per day, Total daily flow: 495 gallons, Septic Tank - Liquid capacity: 1520 gallons, Length: 120", Width: 62", Diameter: , Depth: 48", Disposal Trench - No.: 2, Width: 36", Total Length: 80', Total leaching area: 240 sq. ft., Seepage Pit No.: NA, Diameter: , Depth below inlet: 12", Total leaching area: 172 sq. ft., Other Distribution box (YES), Dosing tank (), Percolation Test Results: Performed by: Fred Filios, RS, Date: April 19, 1989, Test Pit No. 1: 2.0 minutes per inch, Depth of Test Pit: 64", Depth to ground water: below 12", Test Pit No. 2: , minutes per inch, Depth of Test Pit: 52", Depth to ground water:

Description of Soil: See Attached sheets

Nature of Repairs or Alterations - Answer when applicable

Agreement: Insp. Dave Zaroginski, 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 Laverdiere, Application Approved By: James J. Sheehan PE (for administrative purposes only), Town Engineer, Date: 11/23/92

Permit No. 92-30, Issued Date:

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Certificate of Compliance

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

DATE: , Inspector:

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Disposal Works Construction Permit

Permission is hereby granted Ronald Laverdiere to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 13 Bay Road (Lot 13)

as shown on the application for Disposal Works Construction Permit No. 92-30 Dated 11/23/92

DATE: 11/23/92, Board of Health: James J. Sheehan PE Town Engineer

CHECK OR FILL IN WHERE APPLICABLE

TOWN OF AMHERST

EATON LOT 1

PERC TEST DATA SHEET

DATE 4/10/89 LOCATION Bay Rd LOT SIZE LOT 13

OWNER Rus Lavendiere ADDRESS _____ TELE # _____

P.E./RS _____ FIRM _____ OBSERVED BY _____

BACK HOE OPERATOR _____ BENCH MARK _____

PERC DEPTH 64" PRE SOAK TIME 3128 PERC DEPTH 52 PRE SOAK TIME 3133

TEST CANT Hold CANT Hold water

RATE (2) RATE (2)

#1

TOP	5
SUB	13
STRAT SAND w/gravel	
Dax 12'	

#2

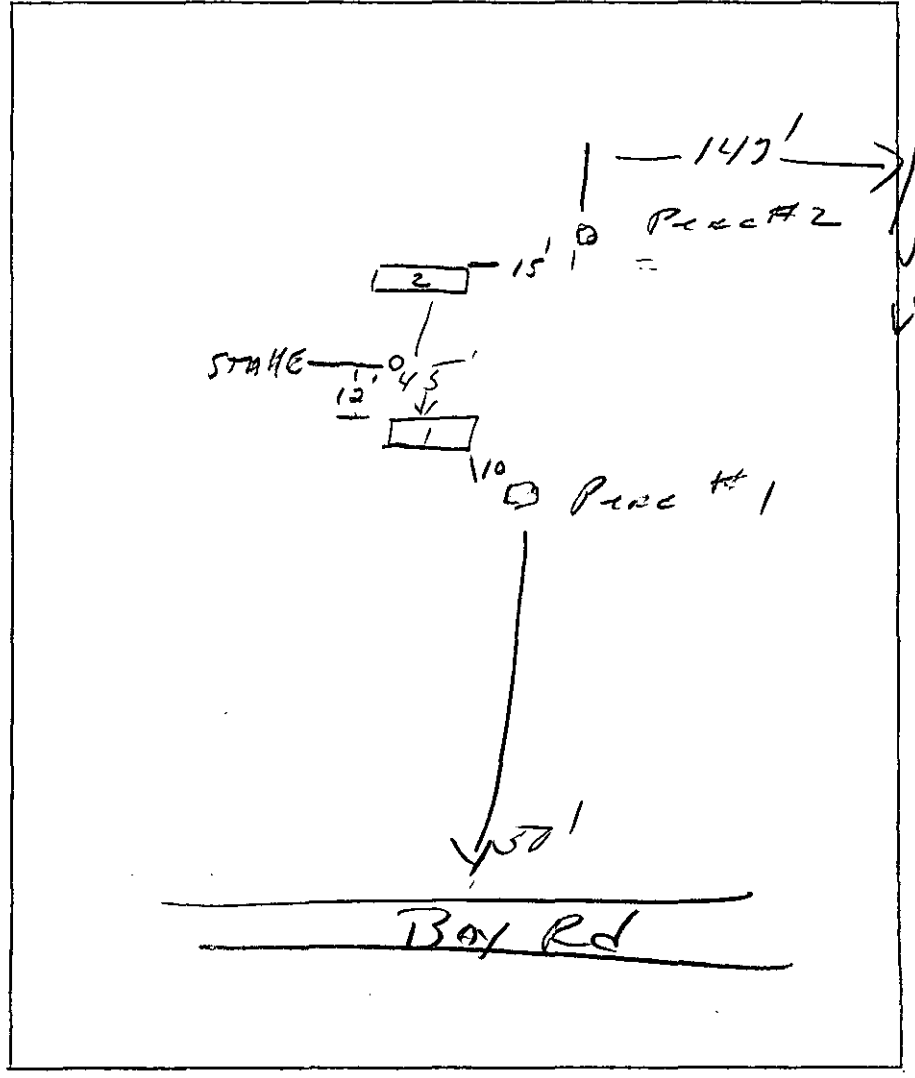
TOP	8
SUB	18
STRAT FINE G-mud + sand	
Dax 12	

TOP	
SUB	

TOP	
SUB	

TOP	
SUB	

TOP	
SUB	





Lot 13 Bay Rd.

BAY RD.

TBM 100.0
NAIL IN U-POLE
#84 UP 2.5'

Scale 1"=40'

LEGEND

- △ - Deep Holes
- ⊗ - Perc Test
- - 'D' Box

- Septic Tank

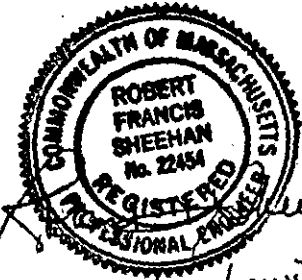
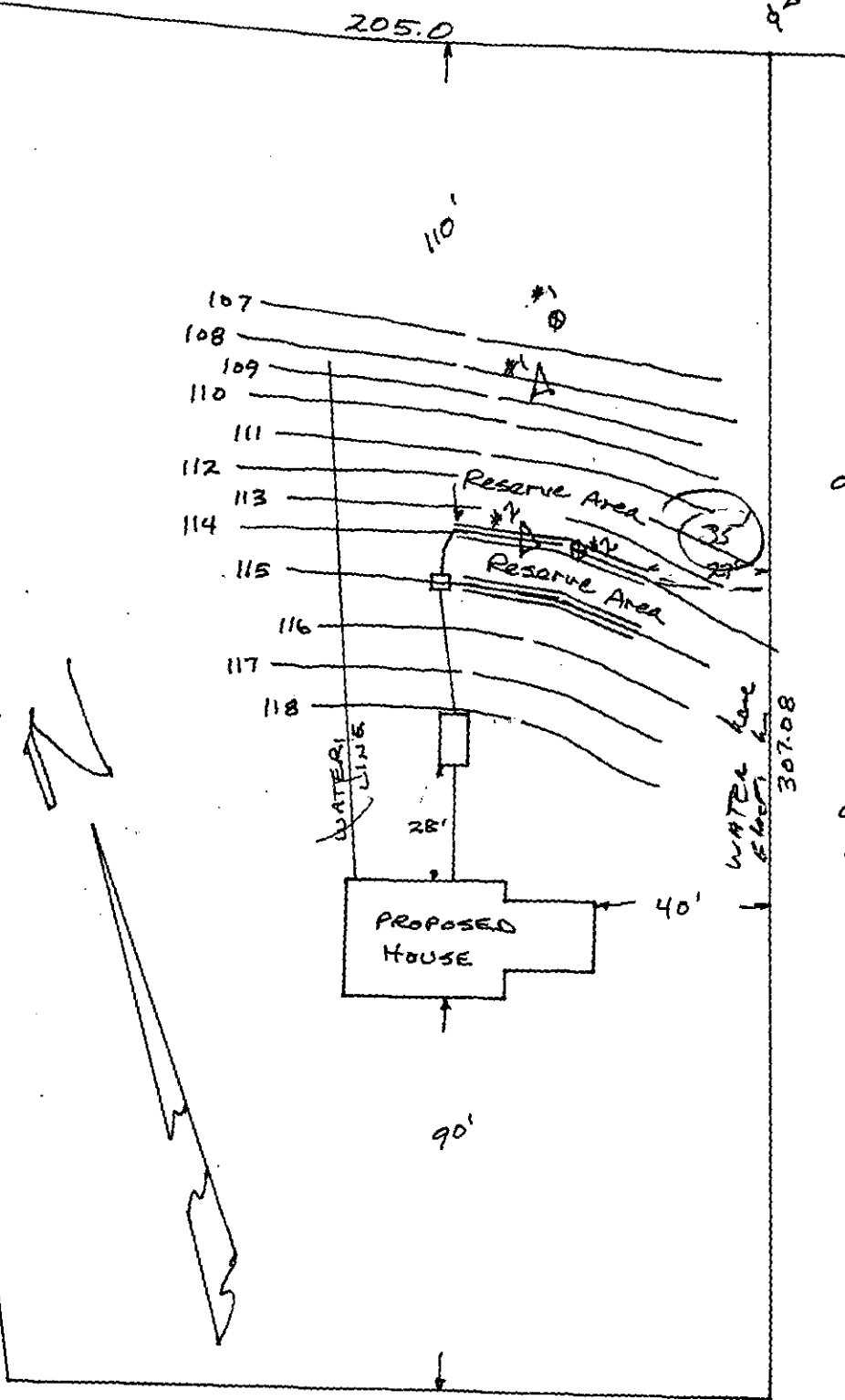
--- EXISTING CONTOURS

TOWN WATER

NO WETLANDS
OBSERVED WITHIN 200'
OF PROPOSED SYSTEM

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

318.23

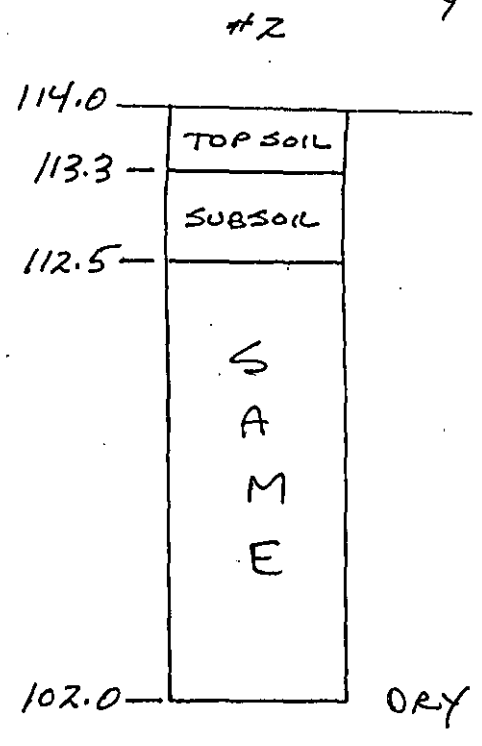
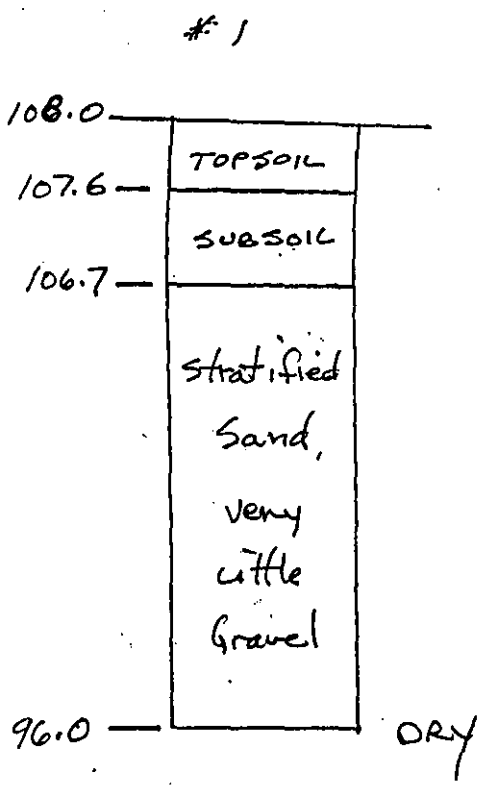


Design by Lewis & Cook
Surveyors, Inc.



DEEP TEST HOLES

LOT 13
Bay Rd. Pg. 3



CALCULATIONS

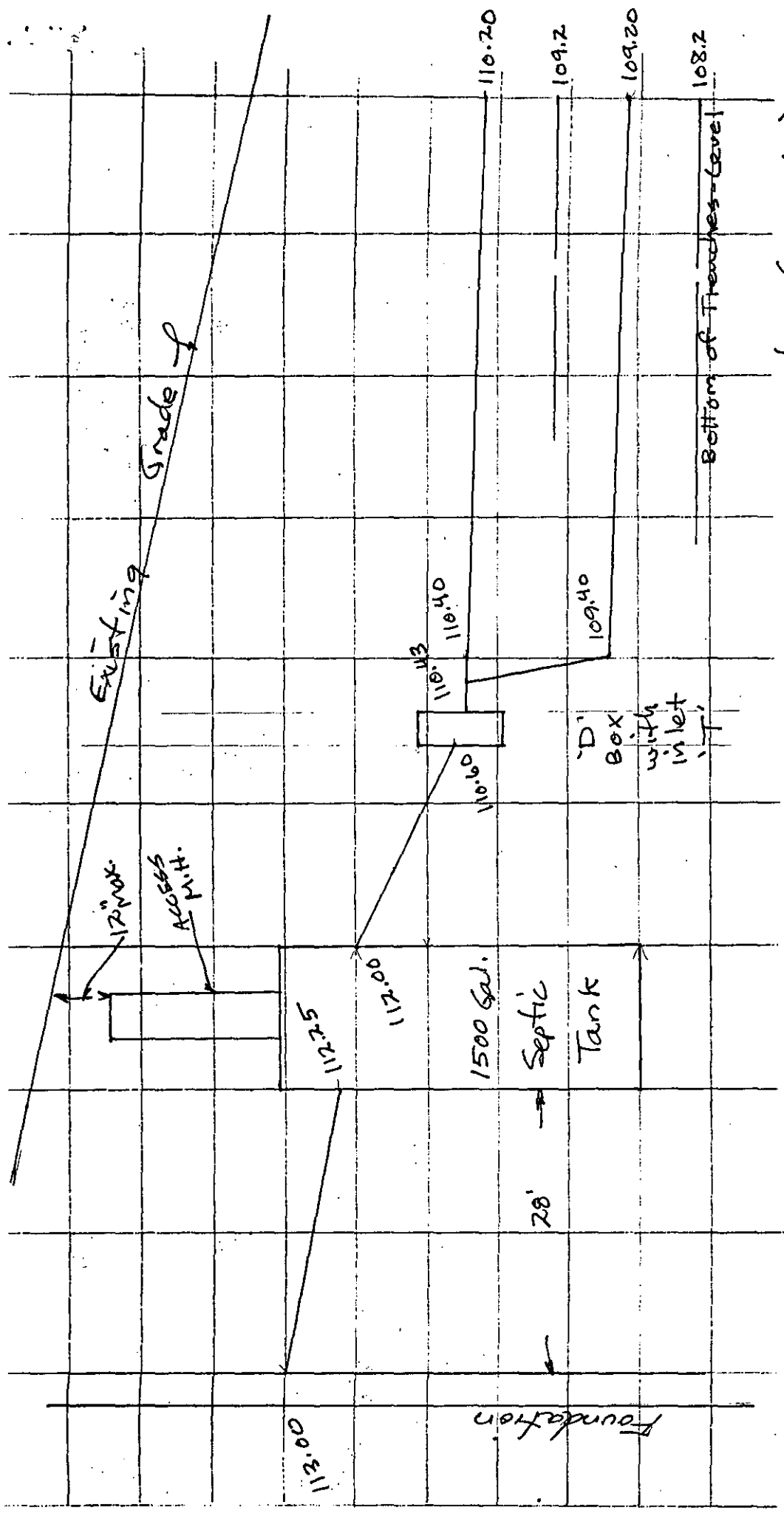
BOTTOM AREA (NOT ALLOWED OVER 20.0 mm/in) 2.0 min./in = 1.0 gal./sq.ft.
 $40' \times 3' \times 2 \text{ lines} = 240 \text{ sq.ft.} \times 1.0 \text{ gal./sq.ft.} = 240.0 \text{ GAL.}$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)
 $40' \times 1' \times 2 \text{ sides} \times 2 \text{ lines} = 160 \text{ sq.ft.}$ 2.0 min./in = 2.5 gal./sq.ft.
 $3' \times 1' \times 2 \text{ ends} \times 2 \text{ lines} = 12 \text{ sq.ft.}$

$172 \text{ sq.ft.} \times 2.5 \text{ gal./sq.ft.} = 430.0 \text{ GAL.}$
670.0 GAL.

618.7 GAL. REQUIRED ✓ AVAILABLE

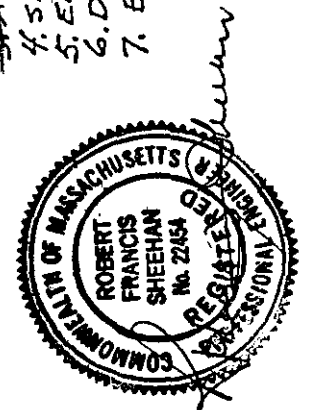




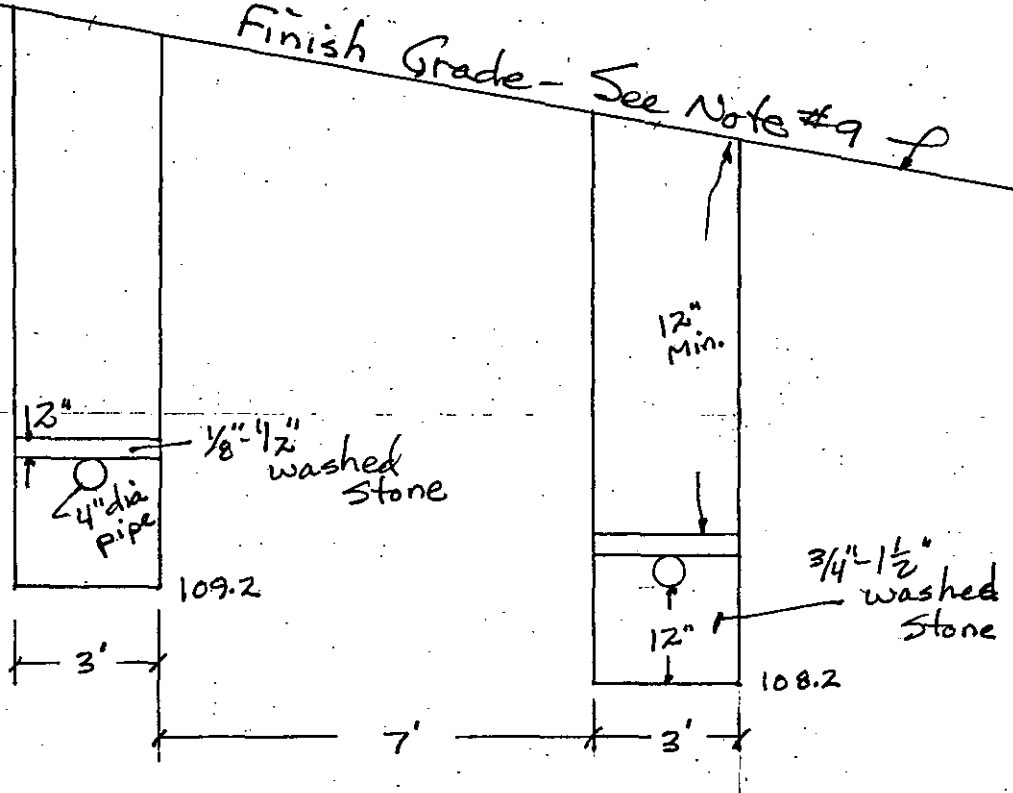
Leach Trenches (2-40' long)

- 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 HORZ. 1" = 10'
VERT. 1" = 2'



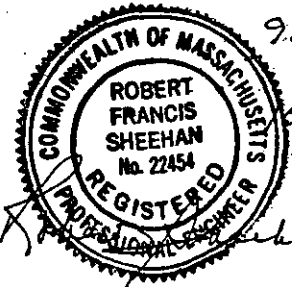
Finish Grade - See Note #9 f



NOTES:

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

CROSSSECTION OF SYSTEM
NO SCALE



LOT 13
Bay Rd.
Pg. 5

11/11/11

11/11/11

11/11/11

11/11/11