

No. 84-21

FEE \$90

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:

31 Amherst Woods Phase II

42 Fox Glove Lane

James Locke (Ritter)

159 Crescent St Northampton Mass

Bill Clark

SWITZER

Type of Building

Dwelling - No. of Bedrooms 3 Expansion Attic ( ) Garbage Grinder (X)

Other - Type of Building No. of persons Showers ( ) - Cafeteria ( )

Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 330 gallons.

Septic Tank - Liquid capacity 1500 gallons Length Width Diameter Depth

Disposal Trench - No. Width Total Length Total leaching area sq. ft.

Seepage Pit No. 1 Diameter 10.5 x 7 Depth below inlet 5 Total leaching area 175 sq. ft.

Other Distribution box ( ) Dosing tank ( )

Percolation Test Results Performed by Frederick Filias Date May 1984

Test Pit No. 1 2 minutes per inch Depth of Test Pit 10' Depth to ground water none

Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil Enclosed

Nature of Repairs or Alterations - Answer when applicable

Agreement:

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Sanitary 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 Barbara D Ritter

6-12-84

Application Approved By [Signature]

6/12/84

Application Disapproved for the following reasons:

Permit No. 84-21

Issued 6-12-84 Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

OF

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Replaced ( ) by

Installer

at

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

No. 84-21 Town OF Amherst

FEE \$90

Disposal Works Construction Permit

Permission is hereby granted James Locke - Ritter

to Construct (X) or Repair ( ) an Individual Sewage Disposal System

at No. 42 Amherst Woods Fox Glove Lane

as shown on the application for Disposal Works Construction Permit No. 84-21 Dated 6-12-84

DATE 6-12-84

[Signature] Board of Health

CHECK OR FILL IN WHERE APPLICABLE

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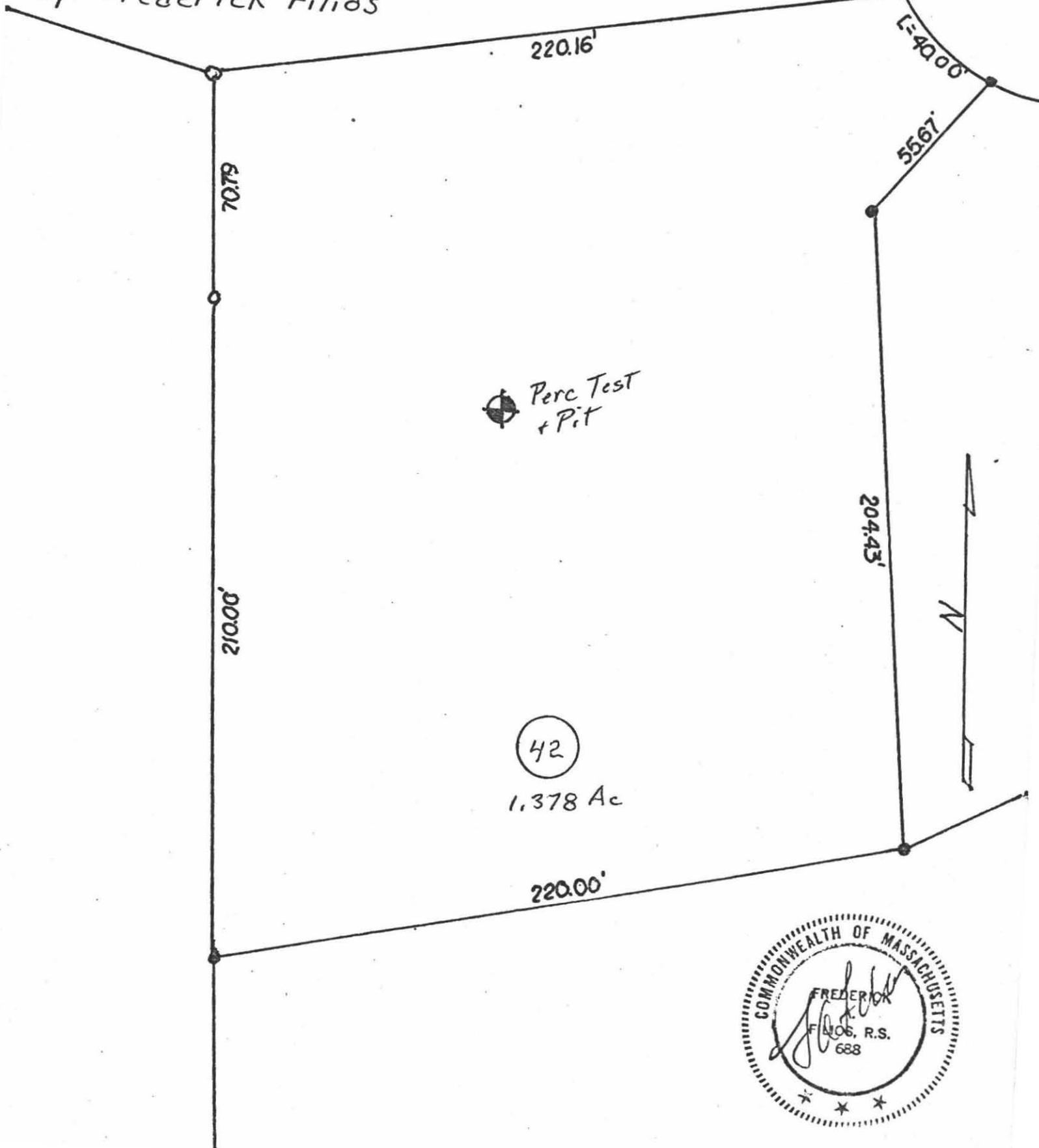
# PERCOLATION TEST LOCATION

For: Amherst Woods Phase II

May 1984

Scale: 1" = 40'

By: Frederick Filios



Perc Test  
+ Pit

42

1.378 Ac





BOARD OF HEALTH  
TOWN OF AMHERST, MASSACHUSETTS

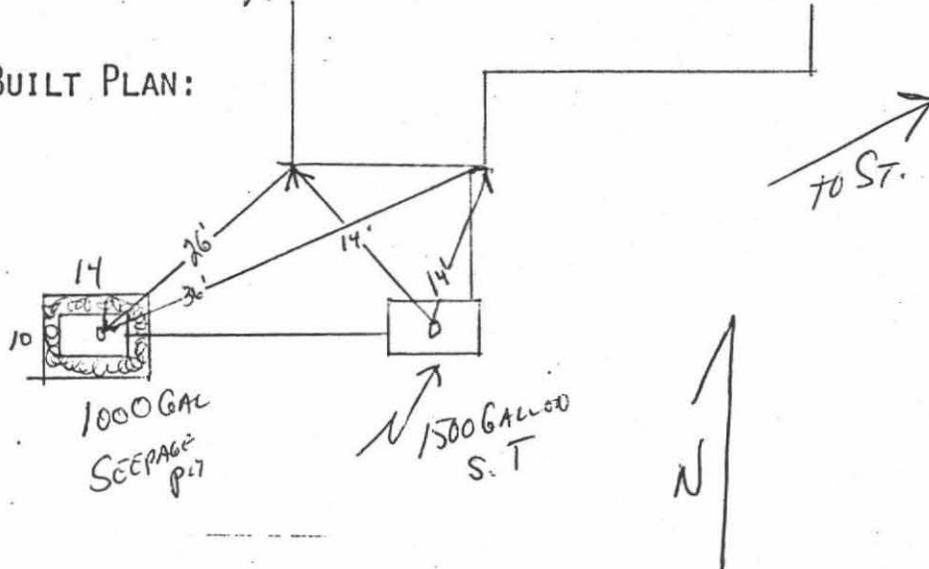
Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner LOCKE RITTER Address FOX GROVE LA.  
Installer W.W. CLARK Address PRATT CORNER SHUTESBURY  
Date Installation Inspected and Approved 11-16-84

Description of System: Tank Capacity: 1500  
Leach Field ( ) Bed ( ) Seepage Pit (X) Square Feet: 140 <sup>BOTTOM</sup> 240 <sup>SIDES</sup>  
Garbage Grinder Yes (X) No ( ) No. Bedrooms: 3 No. People 6

AS - BUILT PLAN:



PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

1. This system must be inspected periodically and the tank pumped out at an interval not to exceed 3 years.
2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
3. Regular pumping is crucial to avoid early failure and costly repairs of the system.
4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
5. Further information can be obtained by contacting your Health Department at 253-7077.



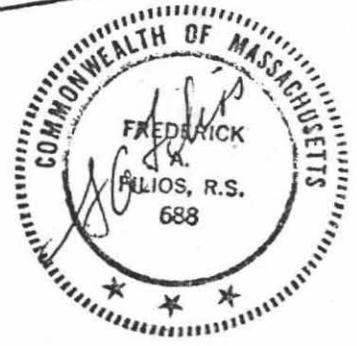
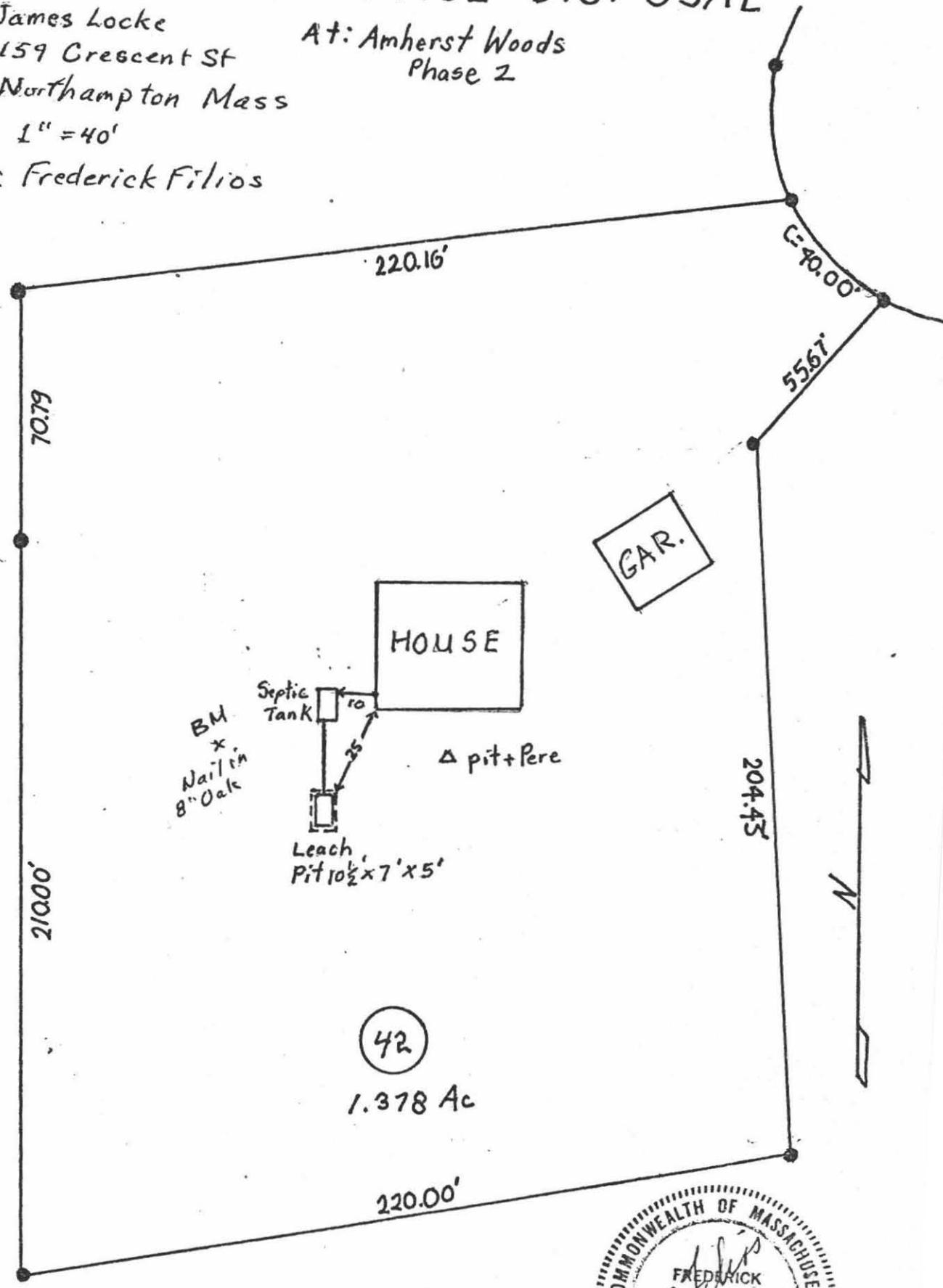
# PLAN SHOWING SEWAGE DISPOSAL

For: James Locke  
159 Crescent St  
Northampton Mass

At: Amherst Woods  
Phase 2

Scale: 1" = 40'

By: Frederick Filios





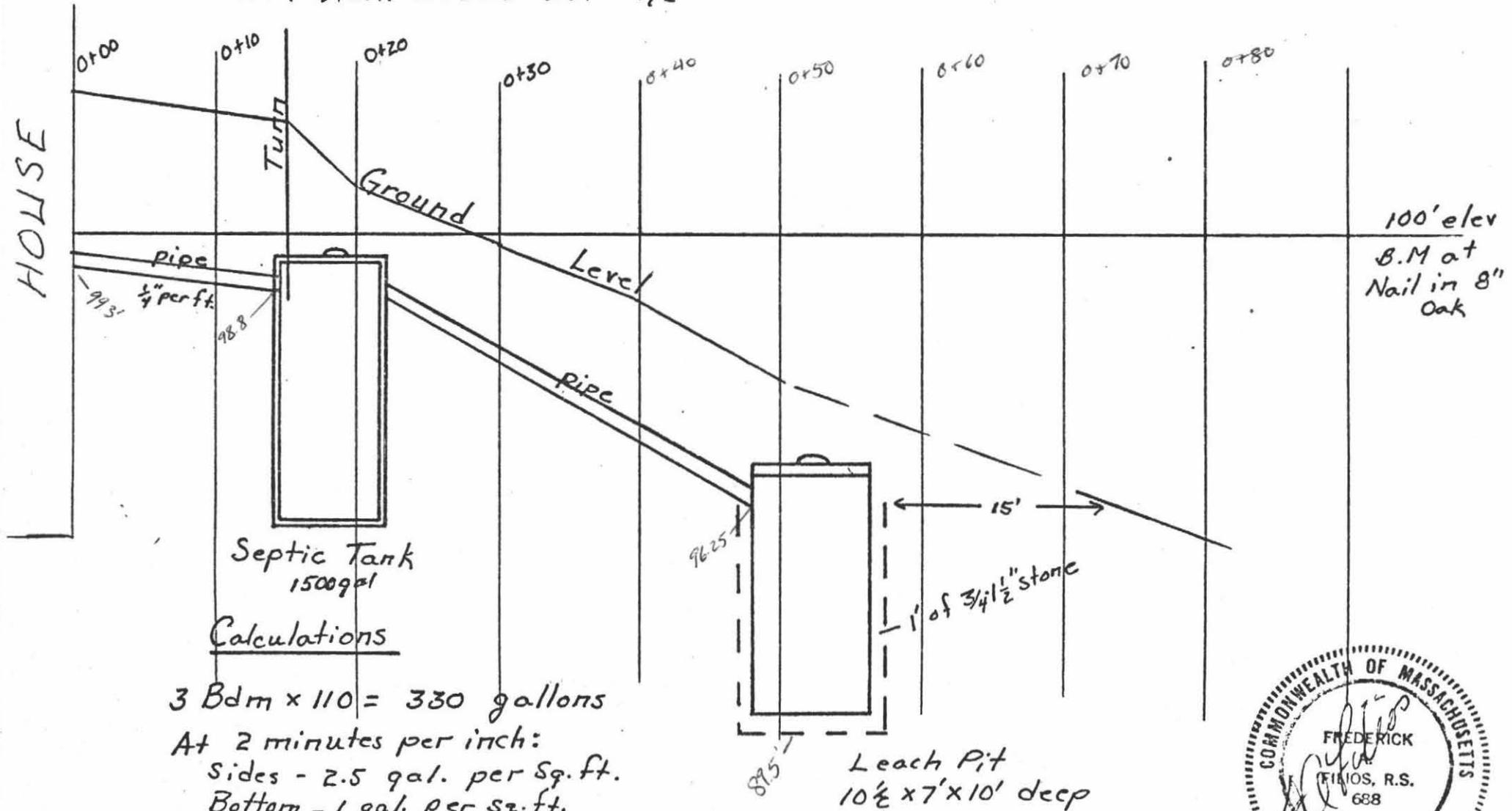
# PROFILE OF SEPTIC SYSTEM

June 1984

For: James Locke  
 159 Crescent St.  
 Northampton Mass  
 At: Amh Woods Lot #42

Scale: Horizontal, 1" = 10'  
 Vertical, 1" = 3'

By: Frederick Filios



## Calculations

$$3 \text{ Bdm} \times 110 = 330 \text{ gallons}$$

At 2 minutes per inch:

Sides - 2.5 gal. per sq. ft.

Bottom - 1 gal. per sq. ft.

$$\text{Sides } 10\frac{1}{2} \times 5 \times 2 = 105 \text{ sq. ft.}$$

$$7 \times 5 \times 2 = \frac{70}{175 \times 2.5} = 437.5$$

$$\text{Bottom } 10\frac{1}{2} \times 7 = 73.5 \times 1 = \frac{73.5}{}$$

Total 501.0 gallons proposed





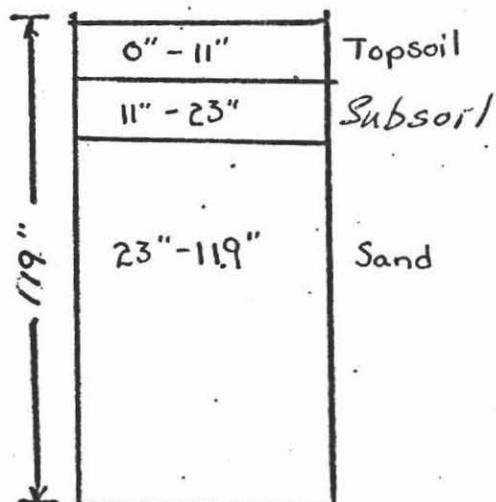
# DEEP SOIL LOGS

OWNER Jane Locke

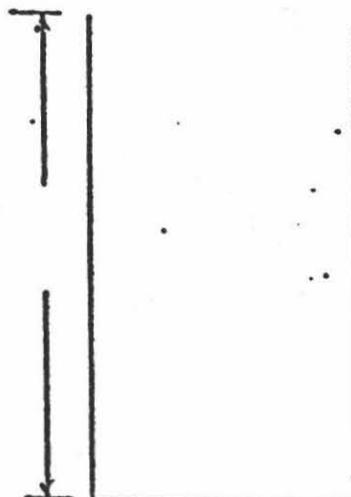
Date May 1984

LOCATION Lot #42 Amherst Woods

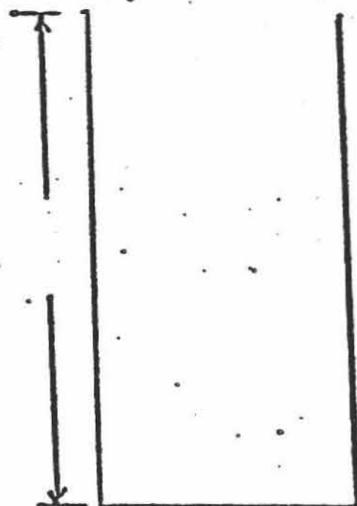
OBSERVER F.A. Filios



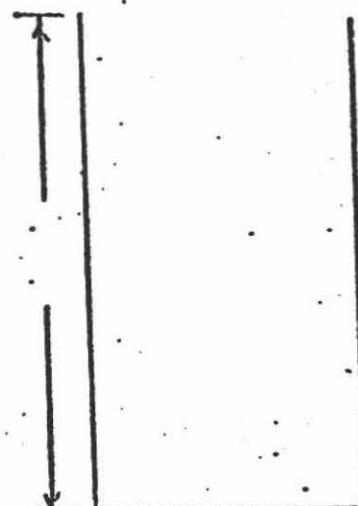
Ground Water None



Ground Water \_\_\_\_\_



Ground Water \_\_\_\_\_



Ground Water \_\_\_\_\_

Percolation Rate at 36"

2 minutes / inch



