

No. 86-54

#96

\$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:

96 Larkspur Drive  
John Rathbun  
LAVALLEY & SONS

LOT 76  
140 Dudleyville Road  
RYMOND TOROANCE

Type of Building: Dwelling - No. of Bedrooms: 4  
Expansion Attic ( )  
Garbage Grinder ( )  
Other - Type of Building: No. of persons: Showers ( ) - Cafeteria ( )

Design Flow: 55 gallons per person per day. Total daily flow: 440 gallons.  
Septic Tank - Liquid capacity: 1000 gallons. Length: 8 1/2'. Width: 5'. Diameter: 5'. Depth: 5'.  
Disposal Trench - No. 1. Width: 7'. Total Length: 12.5'. Total leaching area: 487.5 sq. ft. Sides Bottom

Percolation Test Results: Performed by: F.A. Filias. Date: 4/23/85  
Test Pit No. 1: 2 minutes per inch. Depth of Test Pit: 9'. 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.

Application Approved By: [Signature] Date: 8/14/86

Permit No. 86-54 Issued Date: 8/14/86

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired ( ) by [Installer]

at [Address] 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. [Permit No.] dated [Date]

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

DATE [Date] Inspector [Signature]

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

No. 86-54

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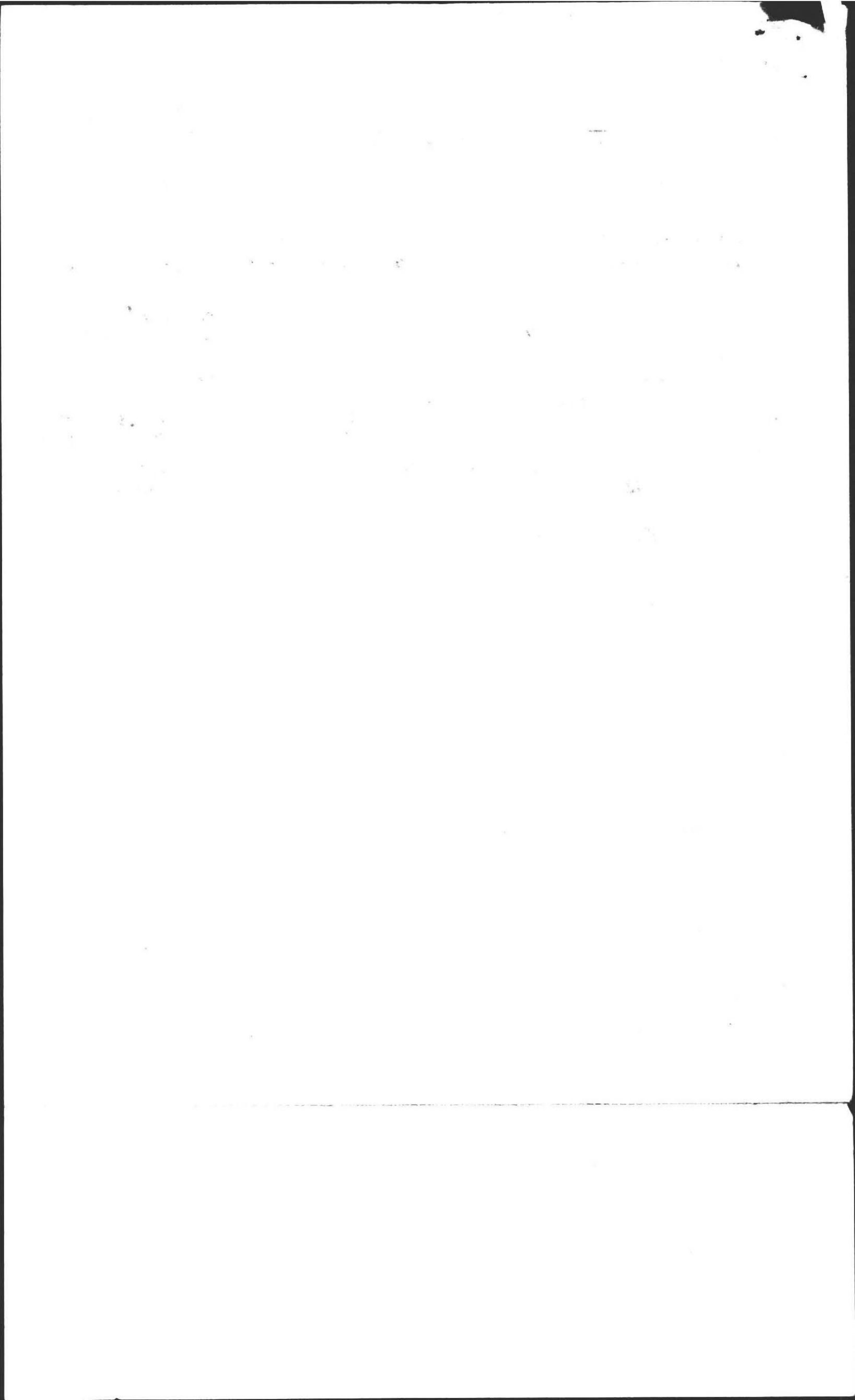
Disposal Works Construction Permit

Permission is hereby granted JOHN RATHBUN BY LAVALLEY & SONS to Construct (X) or Repair ( ) an Individual Sewage Disposal System at No. LOT 76 LARKSPUR DRIVE

as shown on the application for Disposal Works Construction Permit No. 86-54 Dated 8/14/86

DATE 8/14/86 [Signature] Board of Health

CHECK OR FILL IN WHERE APPLICABLE



No. ....

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 (✓) or Repair ( ) an Individual Sewage Disposal System at:

Location - Address: Larkspur Drive Lot 76  
Owner: John Rathbun Address: 140 Dudleyville Road, Leverett, MA.

Installer: \_\_\_\_\_ Address: \_\_\_\_\_  
Type of Building: \_\_\_\_\_ Size Lot: 30,009 ± Sq. feet  
Dwelling — No. of Bedrooms: 4 Expansion Attic ( ) Garbage Grinder ( NO )  
Other — Type of Building: \_\_\_\_\_ No. of persons: \_\_\_\_\_ Showers ( ) — Cafeteria ( )  
Other fixtures: \_\_\_\_\_

Design Flow: 55 gallons per person per day. Total daily flow: 440 gallons.  
Septic Tank — Liquid capacity: 1000 gallons Length: 8 1/2' Width: 5' Diameter: \_\_\_\_\_ Depth: 5'  
Disposal Trench — No. \_\_\_\_\_ Width: 7' Total Length: 12.5' Total leaching area: 487.5 sq. ft. Sides  
Seepage Pit No. 1 Diameter: \_\_\_\_\_ Depth below inlet: 5' Total leaching area: 87.5 sq. ft. Bottom  
Other Distribution box ( ) Dosing tank ( )  
Percolation Test Results Performed by: F.A. Filias Date: 4/23/85  
Test Pit No. 1: 2 minutes per inch Depth of Test Pit: 9' 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: \_\_\_\_\_ Date: \_\_\_\_\_  
Application Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Application Disapproved for the following reasons: \_\_\_\_\_ Date: \_\_\_\_\_

Permit No. \_\_\_\_\_ Issued \_\_\_\_\_ Date \_\_\_\_\_

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

OF \_\_\_\_\_  
Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired ( )  
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 \_\_\_\_\_

CHECK OR FILL IN WHERE APPLICABLE



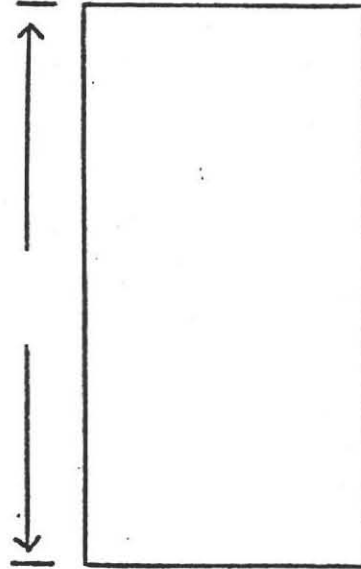
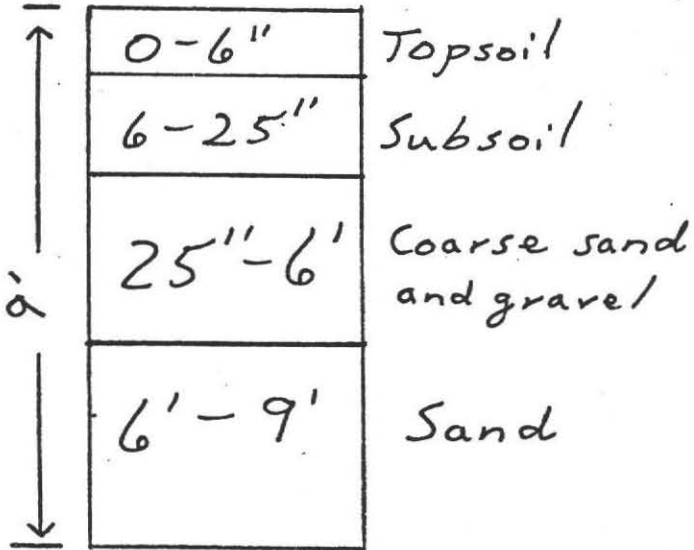
DEEP SOIL LOGS

OWNER Amherst Woods Inc.

DATE April 23, 1985

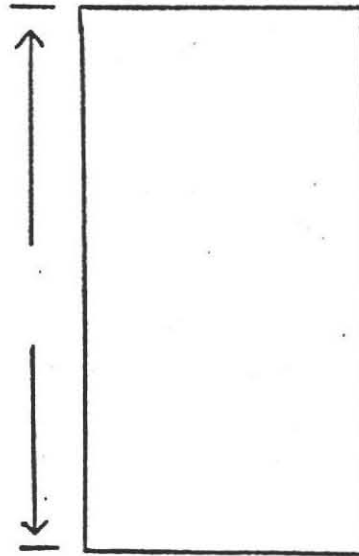
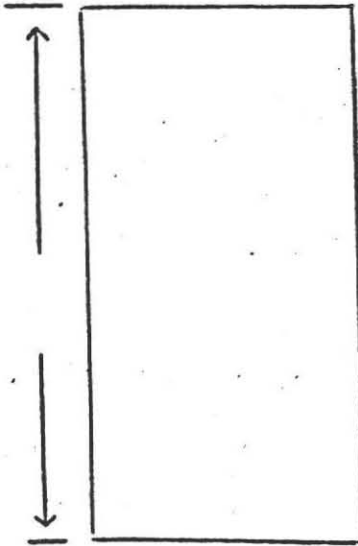
LOCATION Amherst Woods  
Lot #76

OBSERVER F.A. Filios



GROUND WATER None

GROUND WATER \_\_\_\_\_

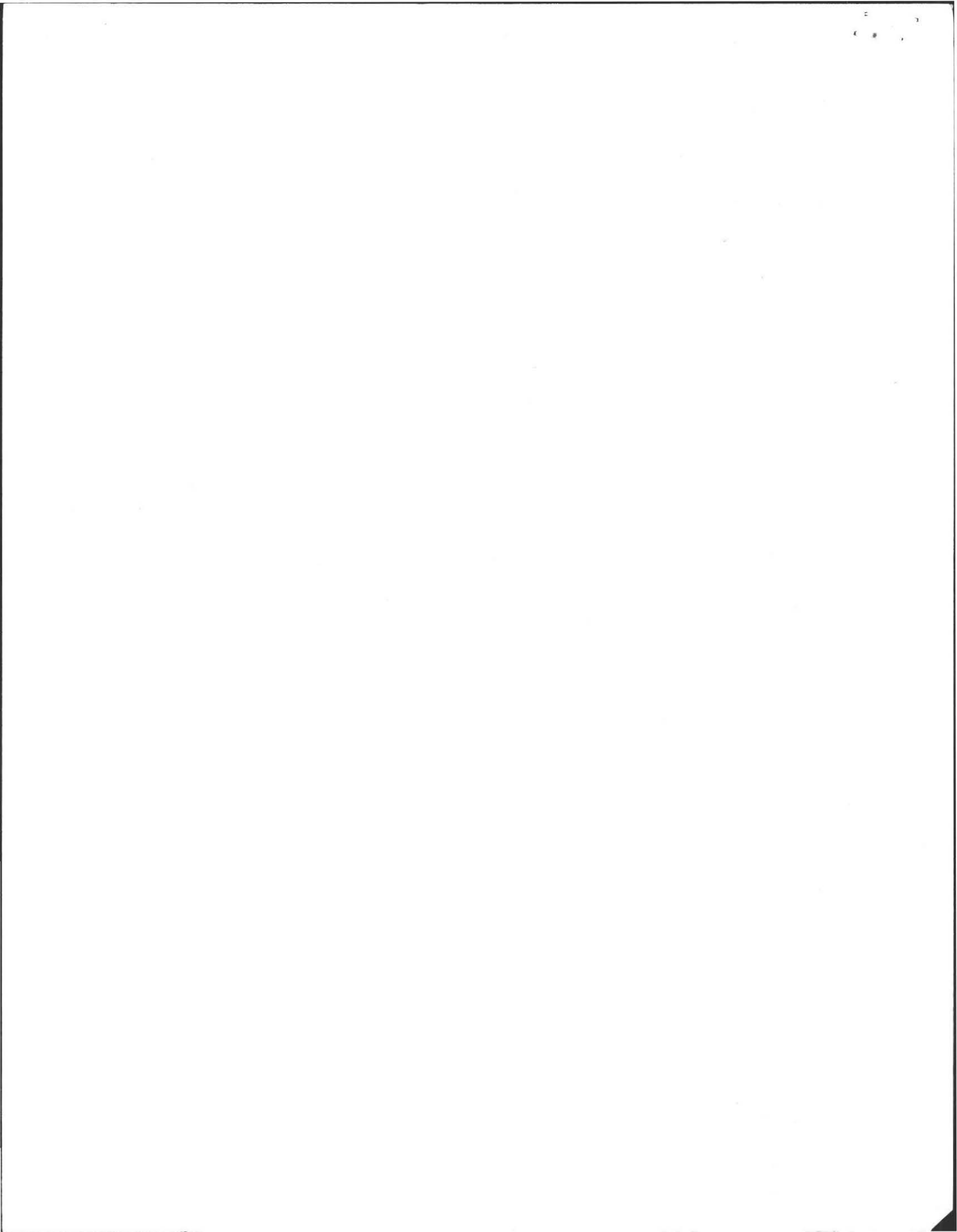


GROUND WATER \_\_\_\_\_

GROUND WATER \_\_\_\_\_

Percolation Rate at 30":

2 min/inch



# PLAN SHOWING SEWAGE DISPOSAL SYSTEM

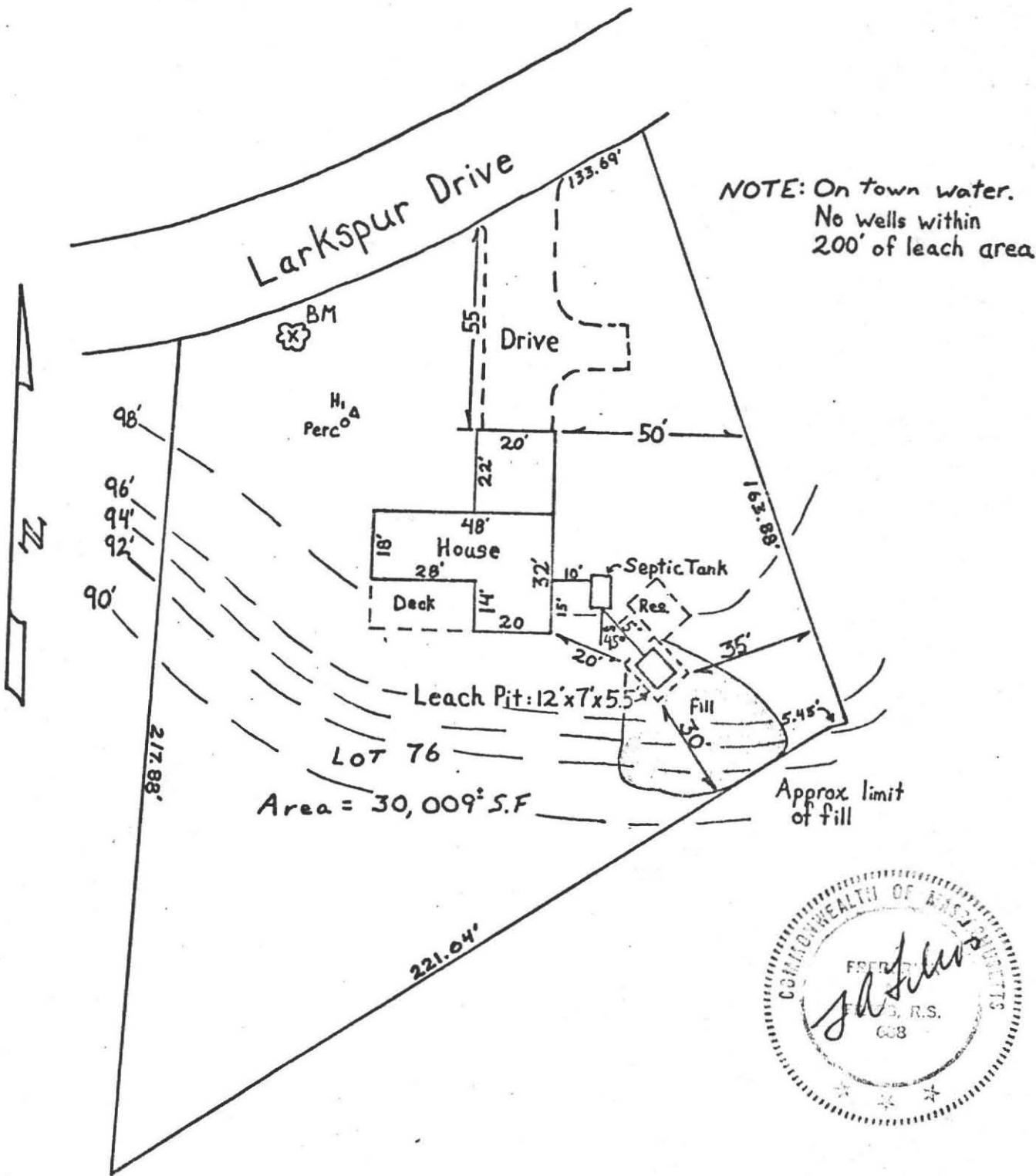
FOR: John Rathbun  
140 Dudleyville Road  
Leverett, MA. 01054

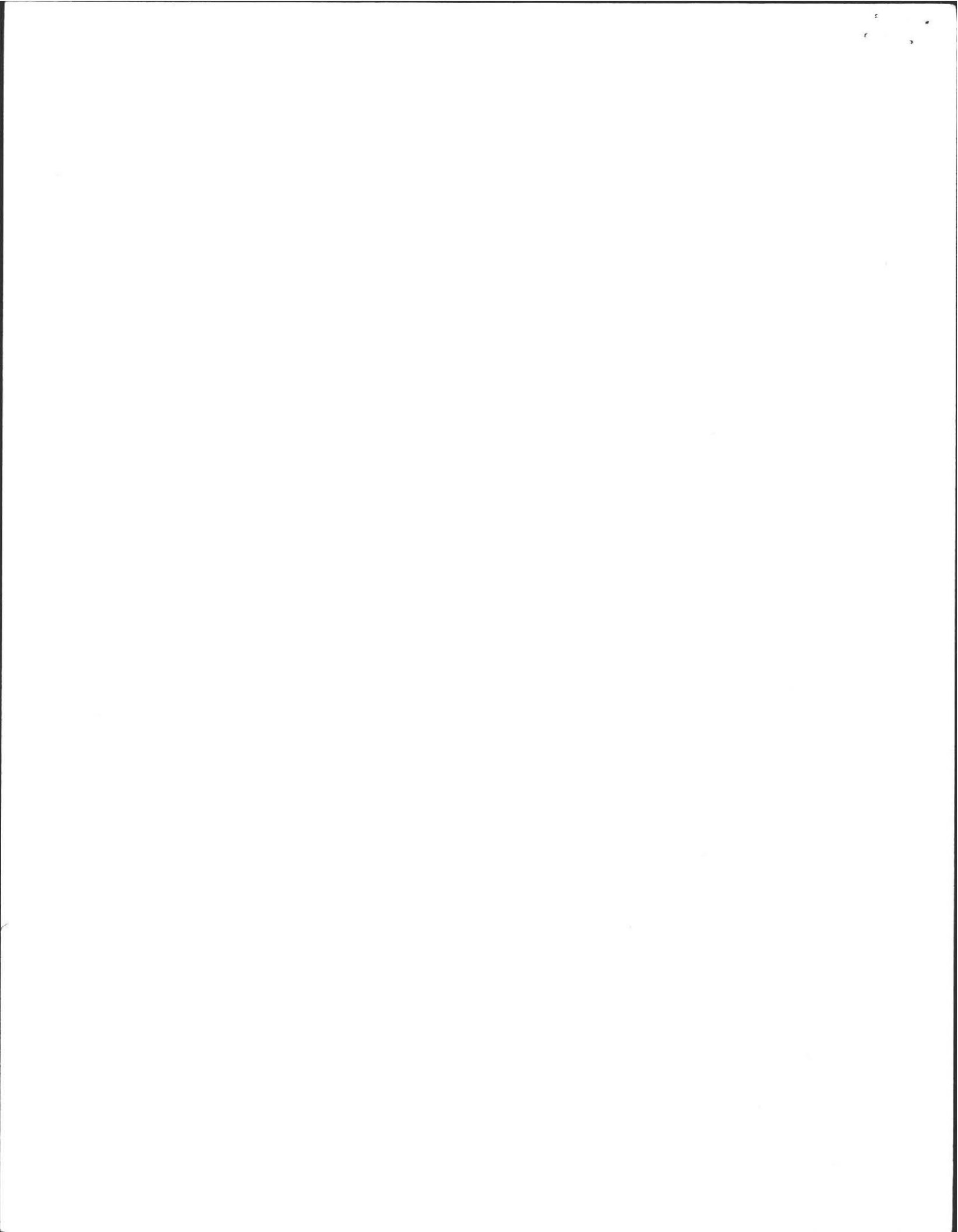
BY: F.A. Filios  
69 Pelham Road  
Amherst, MA. J.F.

AT: Lot 76  
Larkspur Drive  
Amherst, MA.

SCALE: 1" = 40'

DATE: Oct. 15, 1986







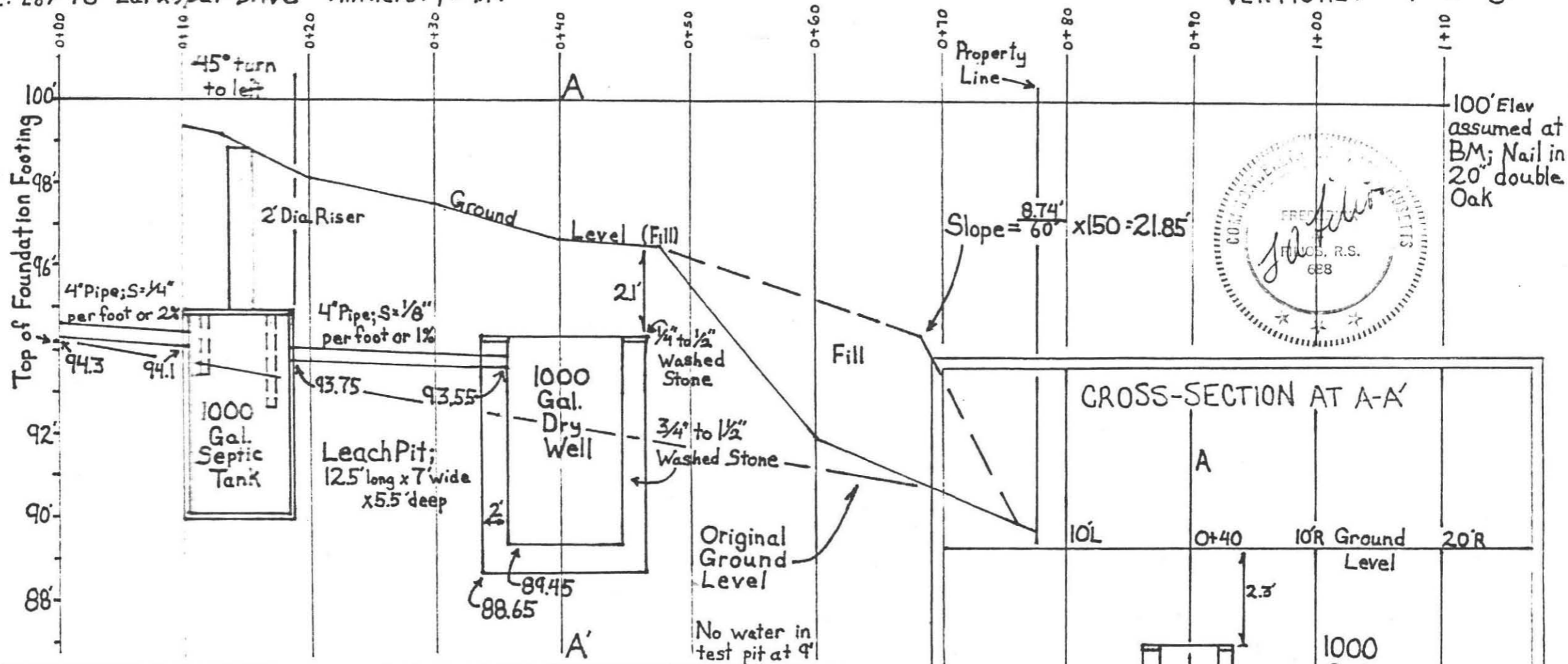
# PROFILE OF SEPTIC SYSTEM

FOR: John Rathbun  
140 Dudleyville Road Leverett, MA.

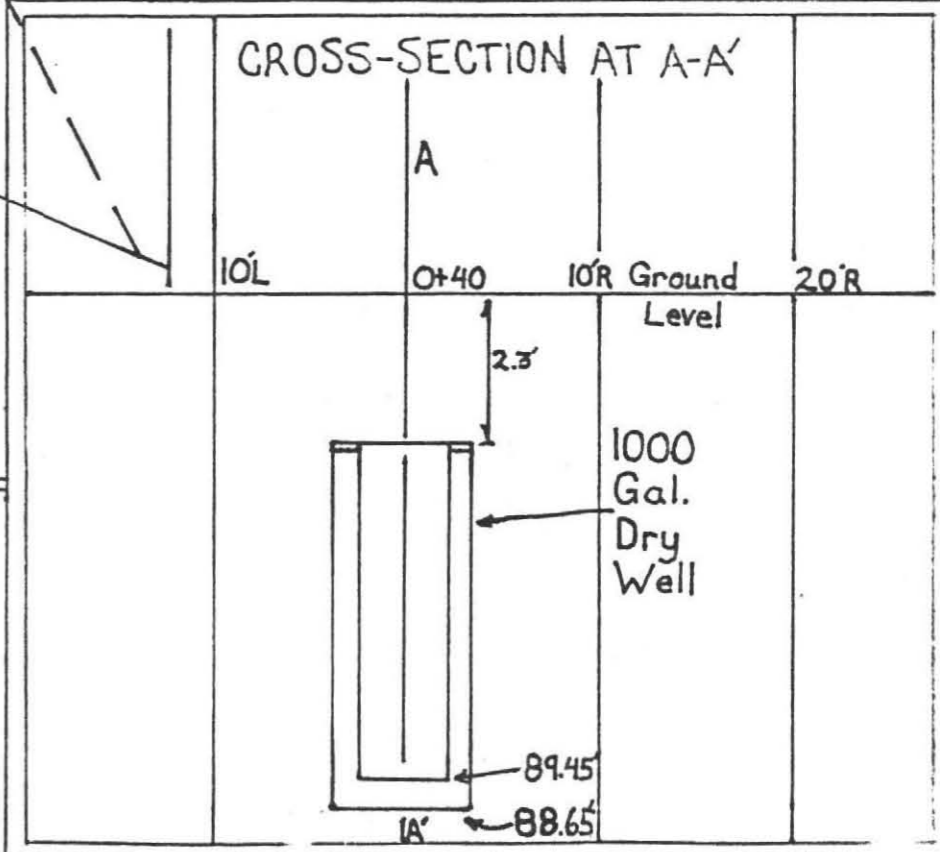
BY: FREDERICK A. FILIOS J.F.

SITE: Lot 76 Larkspur Drive Amherst, MA.

SCALE: HORIZONTAL: 1" = 10'  
VERTICAL: 1" = 3'



## CROSS-SECTION AT A-A'



## SPECIFICATIONS

ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH COMM. OF MASS. D.E.Q.E. STATE ENVIRONMENTAL CODE TITLE 5.

## CALCULATIONS

4 Bdm x 110 gallons = 440 gallons  
 Perc Rate = 2 min/inch  
 Sides = 2.5 gal./S.F. ; Bottom = 1.0 gal./S.F.  
 Leach Pit: 12.5' long x 7' wide x 5.8' deep  
 Sides: 12.5' x 5' x 2' = 125 S.F. x 2.5 gal/S.F. = 312.5  
 7' x 5' x 2' = 70 S.F. x 2.5 gal/S.F. = 175.0  
 Bottom: 12.5' x 7' = 87.5 S.F. x 1.0 gal/S.F. = 87.5  
 Total = 575 gallons

