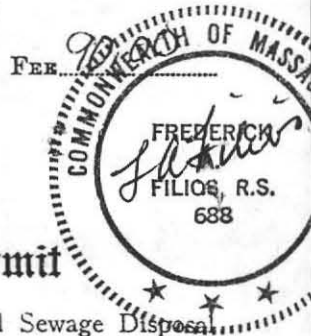


No. 88-39

256-0666

NOV 1 1988

own \$90.00



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: Teaberry Lane, Lot # 130, HOMESCAPES OF AMHERST, 820 Southeast St., Amherst, MA 01002. Owner: Michael Connors - Landscape Design. Installer: Richie Roberts.

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

Design Flow: 55 gallons per person per day. Total daily flow: 660 gallons. Septic Tank: Liquid capacity 1500 gallons, Length 10x5', Width 5', Diameter, Depth 5.3'. Disposal Trench: No. 1, Width, Total Length, Total leaching area 228 sq. ft. Seepage Pit No. 1, Diameter 25x13', Depth below inlet 3', Total leaching area 325 sq. ft. Other Distribution box ( ), Dosing tank ( ). Percolation Test Results: Performed by Filios Enterprises, Inc. Date March 5, 1986. 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: Attached

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: [Signature] Date: 11/1/86

Application Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Application Disapproved for the following reasons: \_\_\_\_\_ Date: \_\_\_\_\_

Permit No. 88-39 Issued: \_\_\_\_\_ Date: \_\_\_\_\_

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (✓) or Repaired ( ) by Michael Connors - Landscape Design OF Amherst at Lot # 130, Teaberry Lane, Amherst Woods 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. 88-39 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. 88-39 Town OF Amherst

FEE 90.00

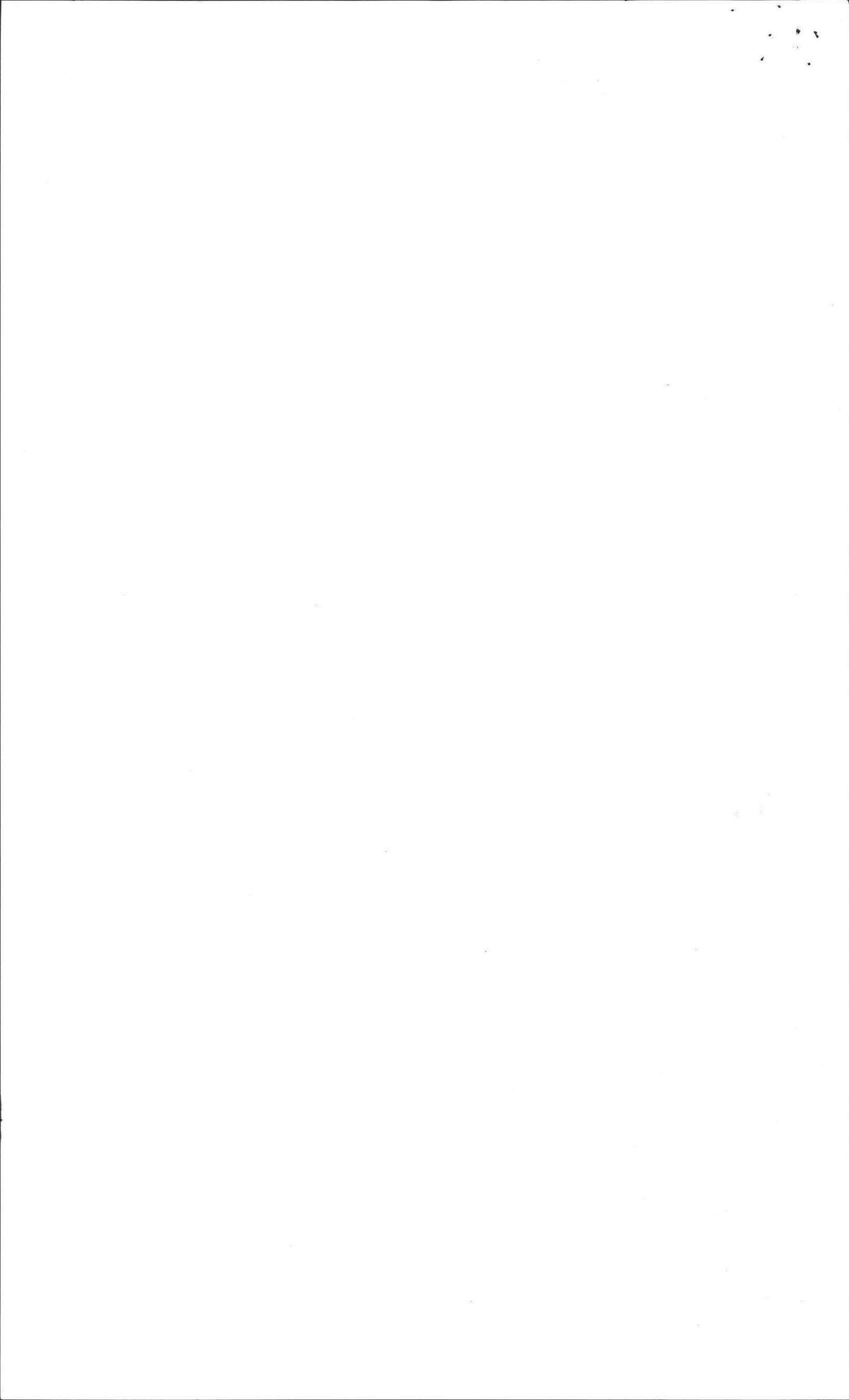
Disposal Works Construction Permit

Permission is hereby granted Michael Connors Landscape Design of Amherst to Construct (✓) or Repair ( ) an Individual Sewage Disposal System at No. Lot # 130, Teaberry Lane, Amherst Woods

as shown on the application for Disposal Works Construction Permit No. 88-39 Dated For Amherst Health Dept [Signature] Board of Health

DATE: \_\_\_\_\_

CHECK OR FILL IN WHERE APPLICABLE



DEEP SOIL LOGS

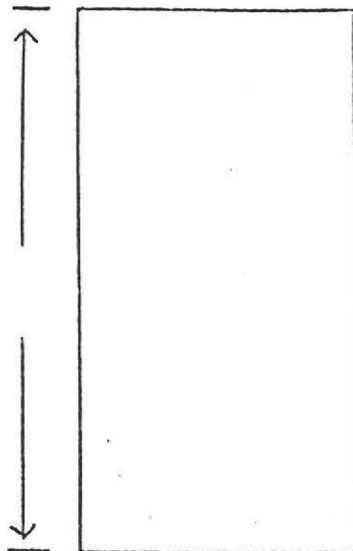
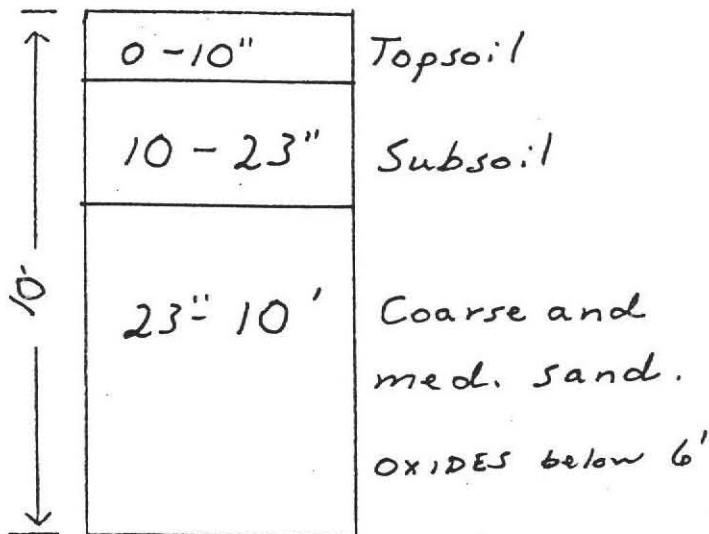
OWNER Jeffrey W. Flower

DATE March 5, 1986

LOCATION Lot 130 Amherst Woods  
Amherst, MA.

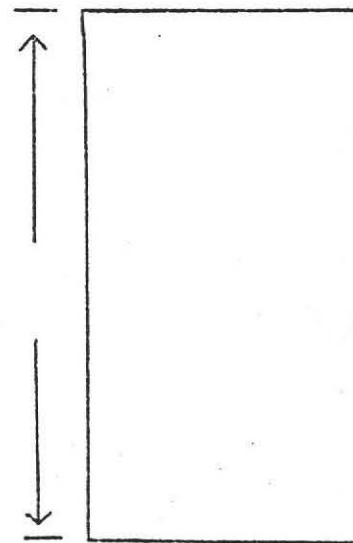
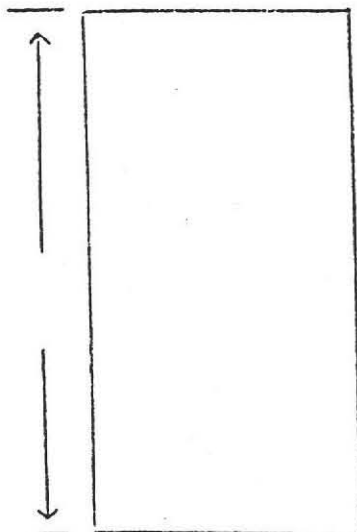
OBSERVER F.A. Filios

B of H C. Drake



GROUND WATER NONE

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

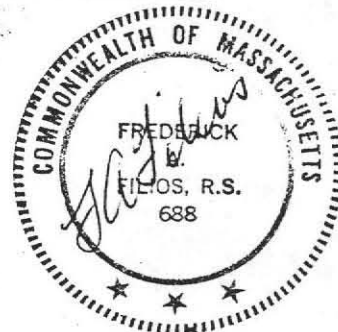


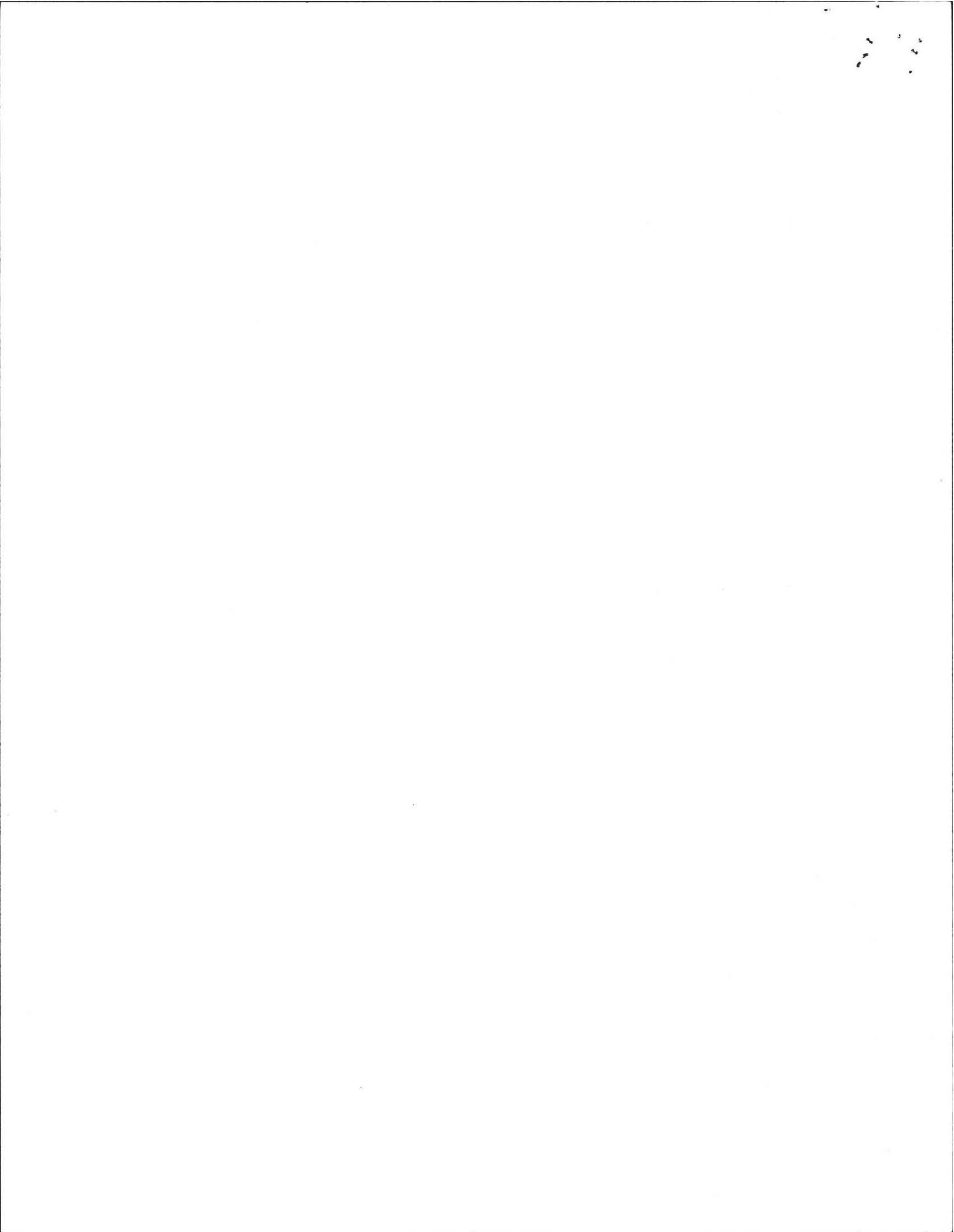
GROUND WATER \_\_\_\_\_

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

PERCOLATION RATE AT 42":

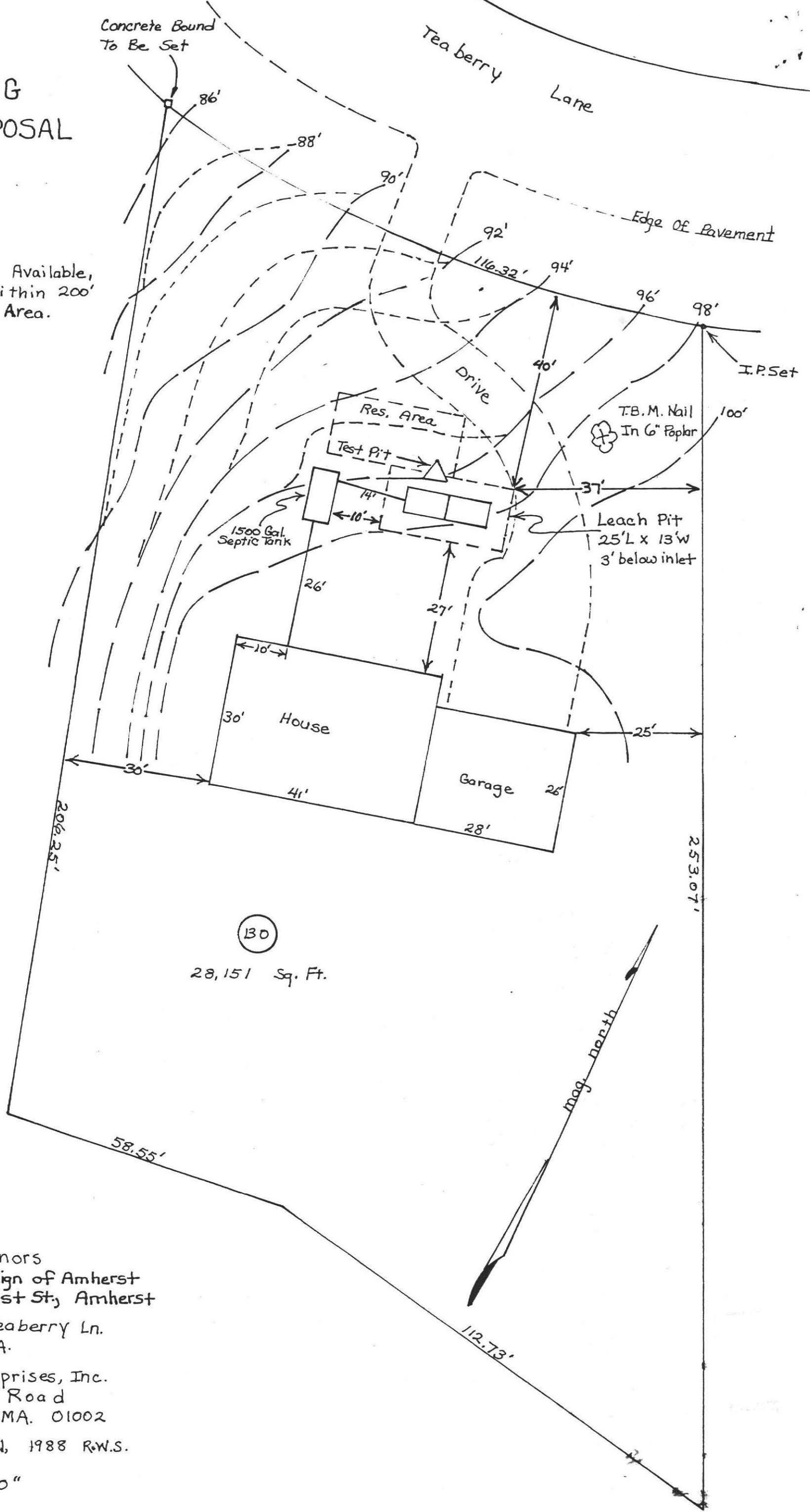
< 2 min./inch





# PLAN SHOWING SEWAGE DISPOSAL

Note: Town Water Available,  
No Wells Within 200'  
Of Leach Area.



For: Michael Connors  
Landscape Design of Amherst  
820 Southeast St, Amherst

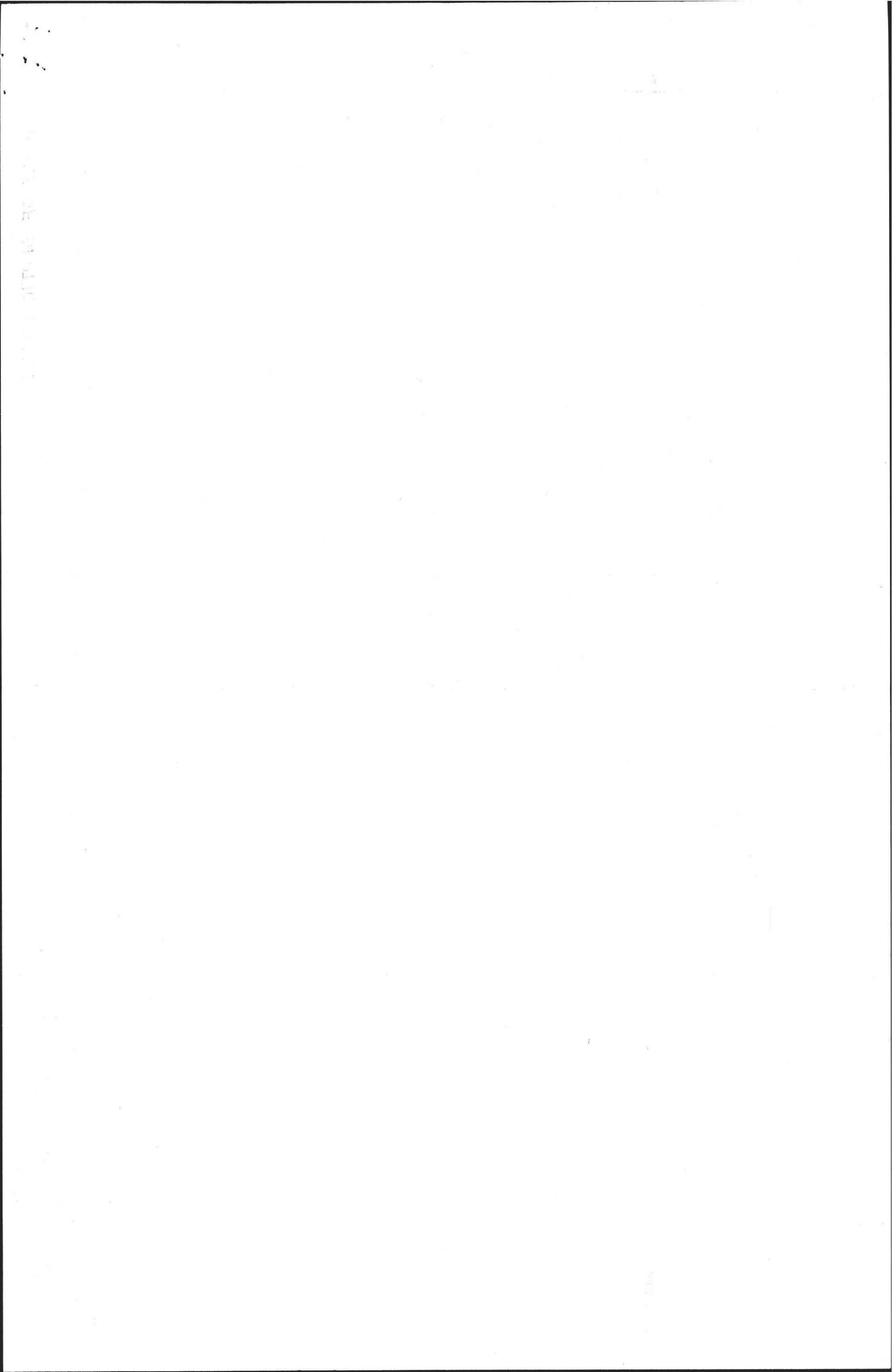
Site: Lot # 130, Teaberry Ln.  
Amherst, MA.

By: Filios Enterprises, Inc.  
69 Pelham Road  
Amherst, MA. 01002

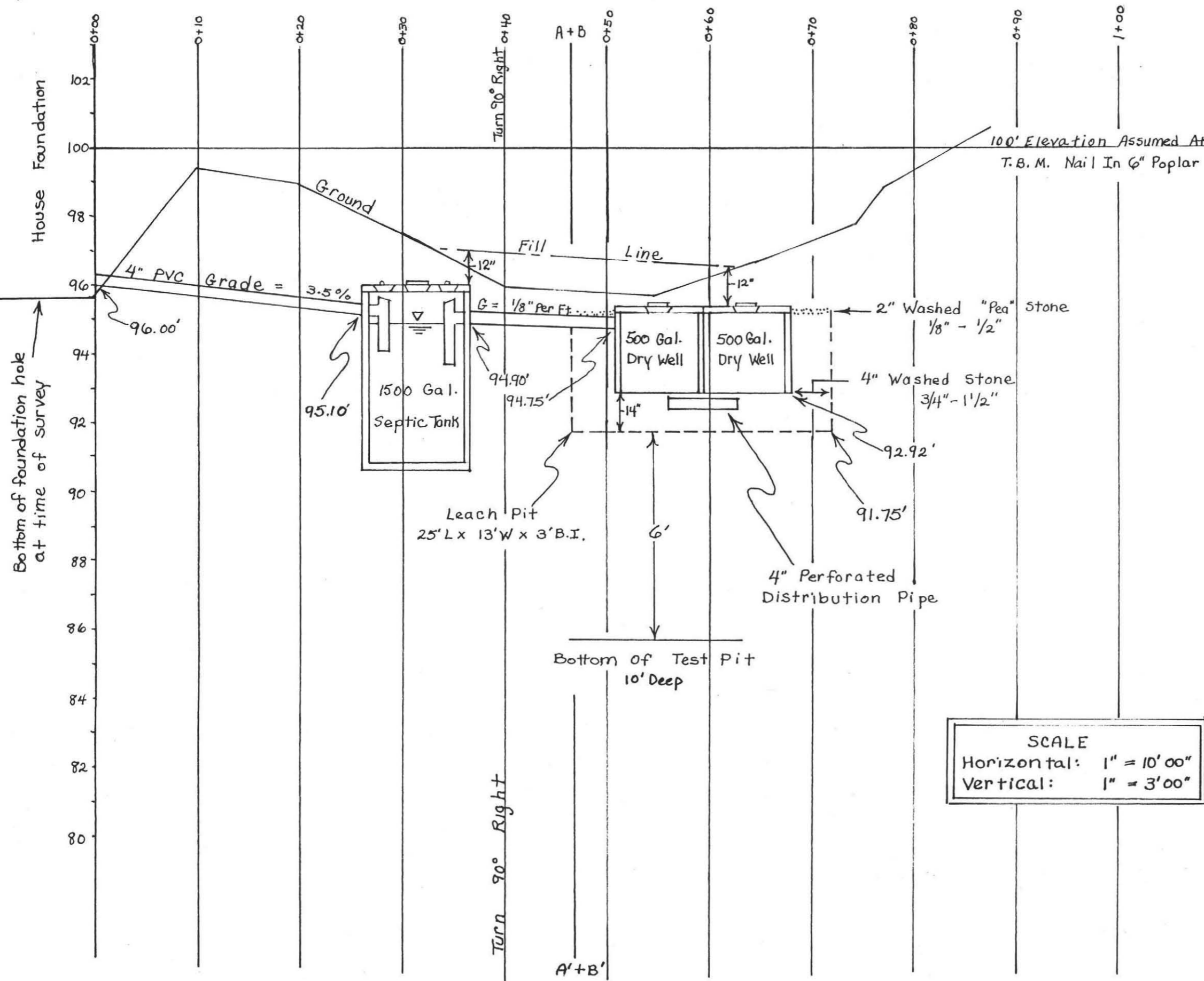
Date: November 1, 1988 R.W.S.

Scale: 1" = 20' 00"

Keys  
Existing Contour Line \_\_\_\_\_  
Proposed Contour Line - - - - -



# PROFILE OF SEPTIC SYSTEM



# SEPTIC SYSTEM DESIGN

For: Michael Connors, BY: Filios Enterprises  
 Landscape Design 69 Pelham Road  
 Amherst, MA 01002 Amherst, MA. 01002

Site: Lot 130, Teaberry Ln. Date: Oct. 31, 1988  
 Amherst, Mass. R.W.S.

## CALCULATIONS

Design flow: 4 Bdrms @ 110 gals. each = 440 Gals.  
 440 x 1.5 for garbage grinder = 660 Gals.  
 660 x 1.25 per Amherst Regulations = 825 Gals. Required  
 Perc rate: 2 minutes/inch Sidewall: 2.5 gal/sq.ft.  
 Bottom: 1.0 gal/sq.ft.  
 Leach Pit: 25' long x 13' wide x 3' below inlet  
 Side wall: (25' x 3') 2 sides = 150 sq.ft. x 2.5 = 375 gals.  
 Endwall: (13' x 3') 2 ends = 78 sq.ft. x 2.5 = 195 gals.  
 Bottom: 25' x 13' = 325 sq.ft. x 1.0 = 325 gals.  
 Total flow of proposed system: 895 gals

## CONSTRUCTION NOTES

1. The septic tank should be inspected and pumped annually.
2. The septic tank inlet tee should extend 10" below flow line. The outlet tee should extend 14" below the flow line.
3. All topsoil & other impervious materials should be removed from the area of fill.
4. A piece of 4" perforated PVC should be placed in the washed stone beneath the dry wells to facilitate distribution of effluent.

## SPECIFICATIONS

All materials and construction will be in accordance with Commonwealth of Mass. D.E. Q. E. State Environmental Code Title 5.

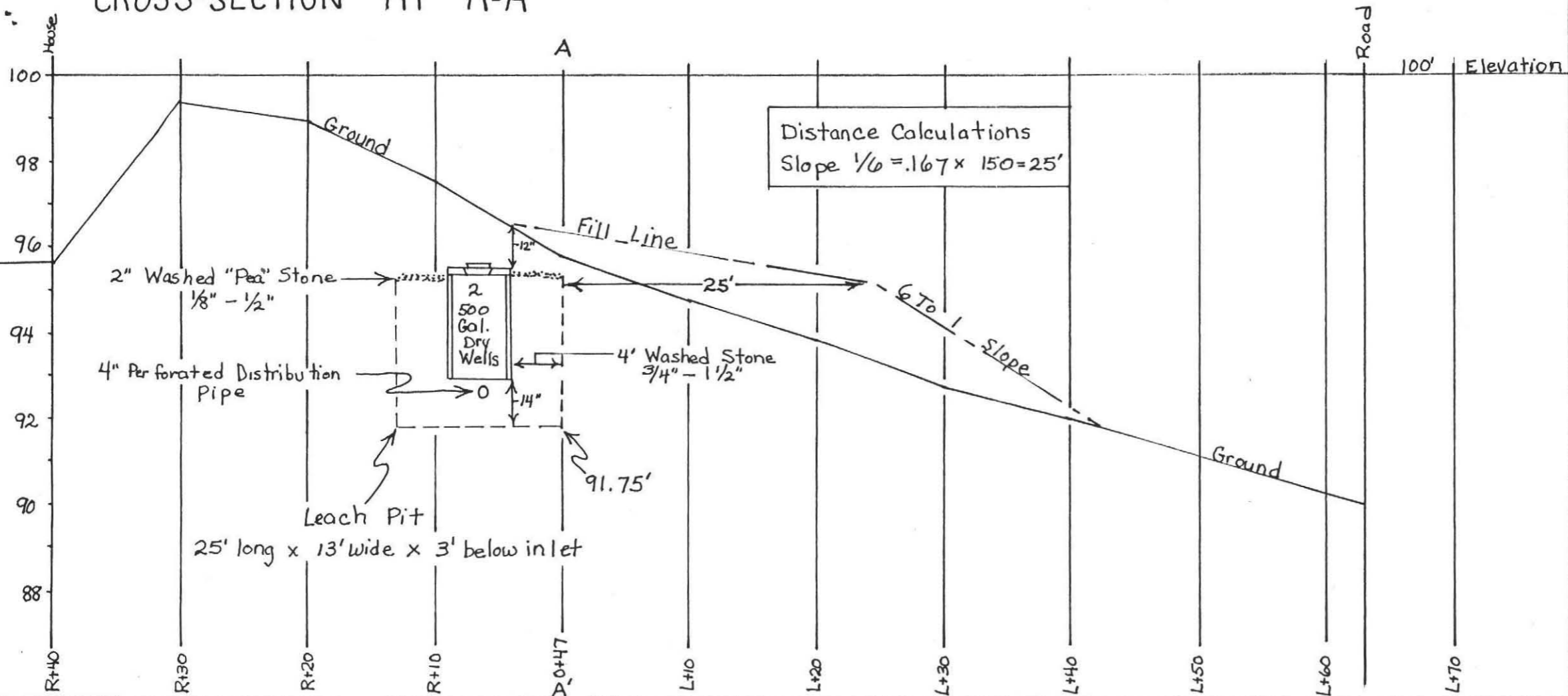
SCALE  
 Horizontal: 1" = 10' 00"  
 Vertical: 1" = 3' 00"







# CROSS-SECTION AT A-A'



# CROSS-SECTIONS OF LEACH PIT

For: Michael Connors  
Landscape Design of Amherst  
820 Southeast St, Amherst

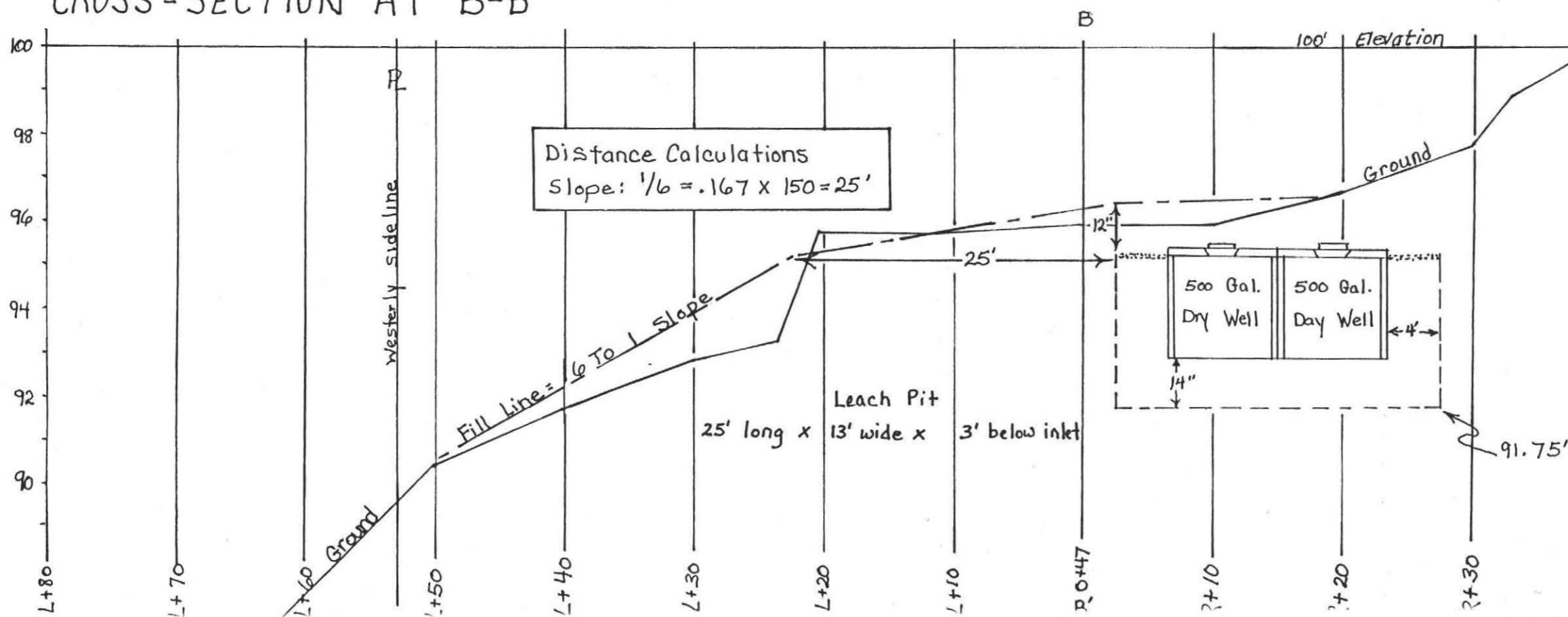
Site: Lot 3, Teaberry Lane  
Amherst, MA. 01002

Date: October 31, 1988

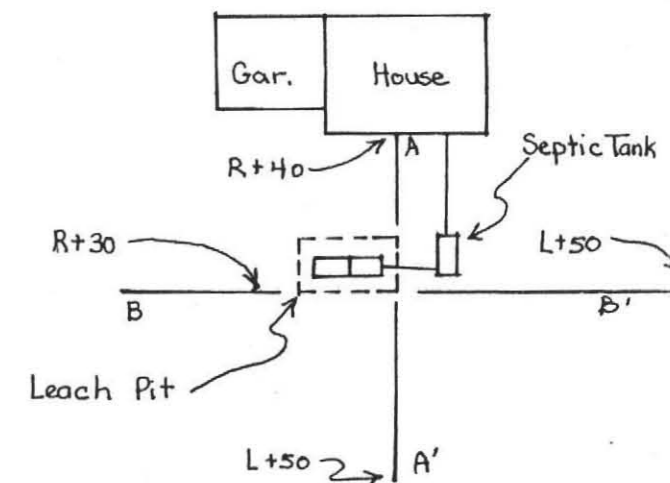
By Filios Enterprises, Inc.  
69 Pelham Road  
Amherst, MA. 01002  
R.W.S.

Scale: Horizontal: 1" = 10'00"  
Vertical: 1" = 3'00"

# CROSS-SECTION AT B-B'



Key To Cross-sections  
Scale: 1" = 50'00"





JAN 11 1989

FILIOS ENTERPRISES, INC.  
69 Pelham Rd.  
Amherst, MA 01002

Date: January 9, 1989

Name: Michael Connors

Address: Landscape Design of Amherst  
820 Southeast St.  
Amherst, MA 01002

Dear Mr. Connors

This is to notify you that Filios Enterprises, Inc. has inspected the septic system installed

AT: Lot 130 Teaberry Lane, Amherst

Unless exceptions are noted below, the system complied with the approved design and elevations.

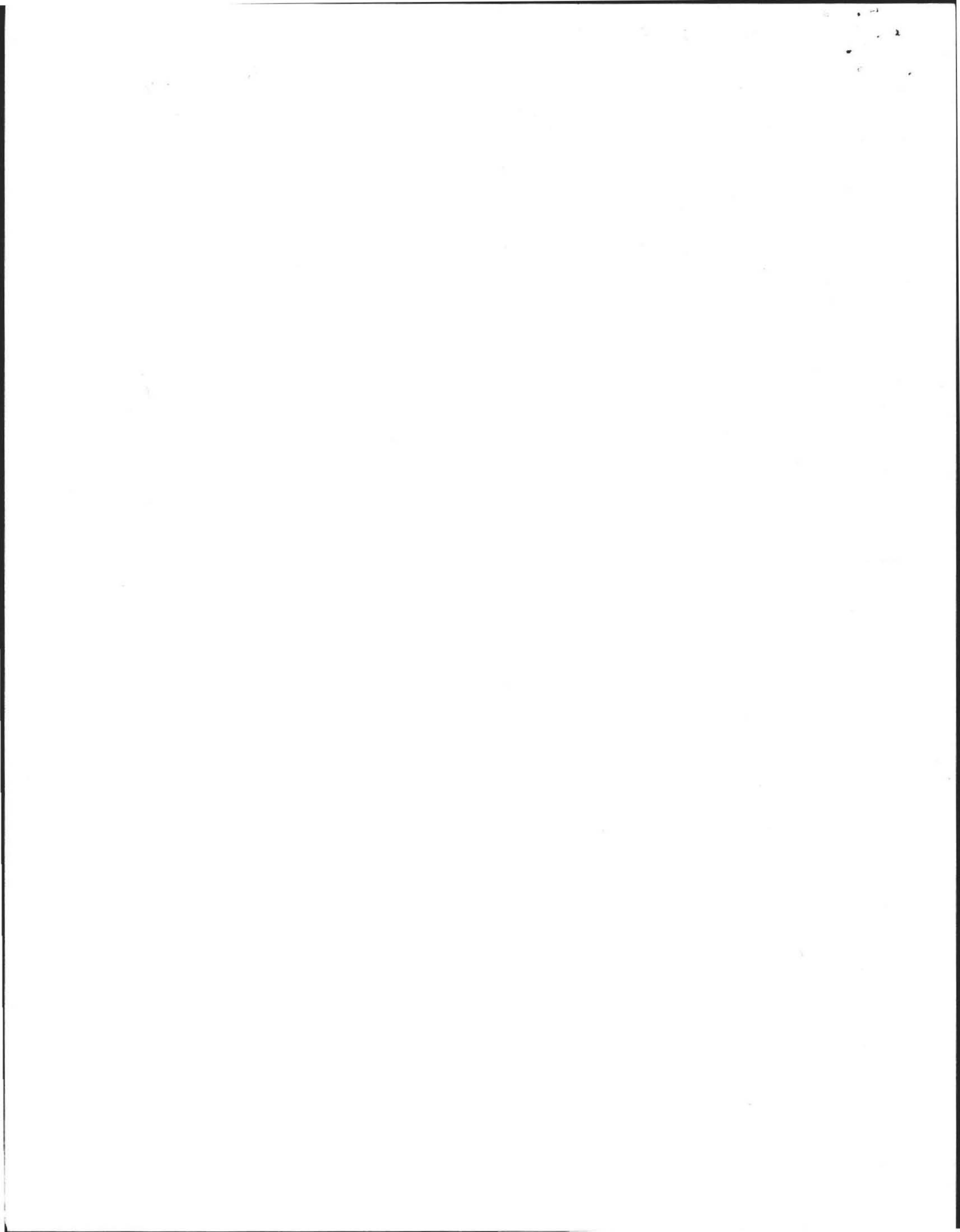
Exceptions:

- 1) Septic tank outlet pipe was not on center line of tank at time of inspection.
- 2) Fill not placed to 25' around leach area at time of inspection.
- 3) The elevations of the "as-built" septic system vary from those of the design as shown in red on the copy of the profile enclosed.

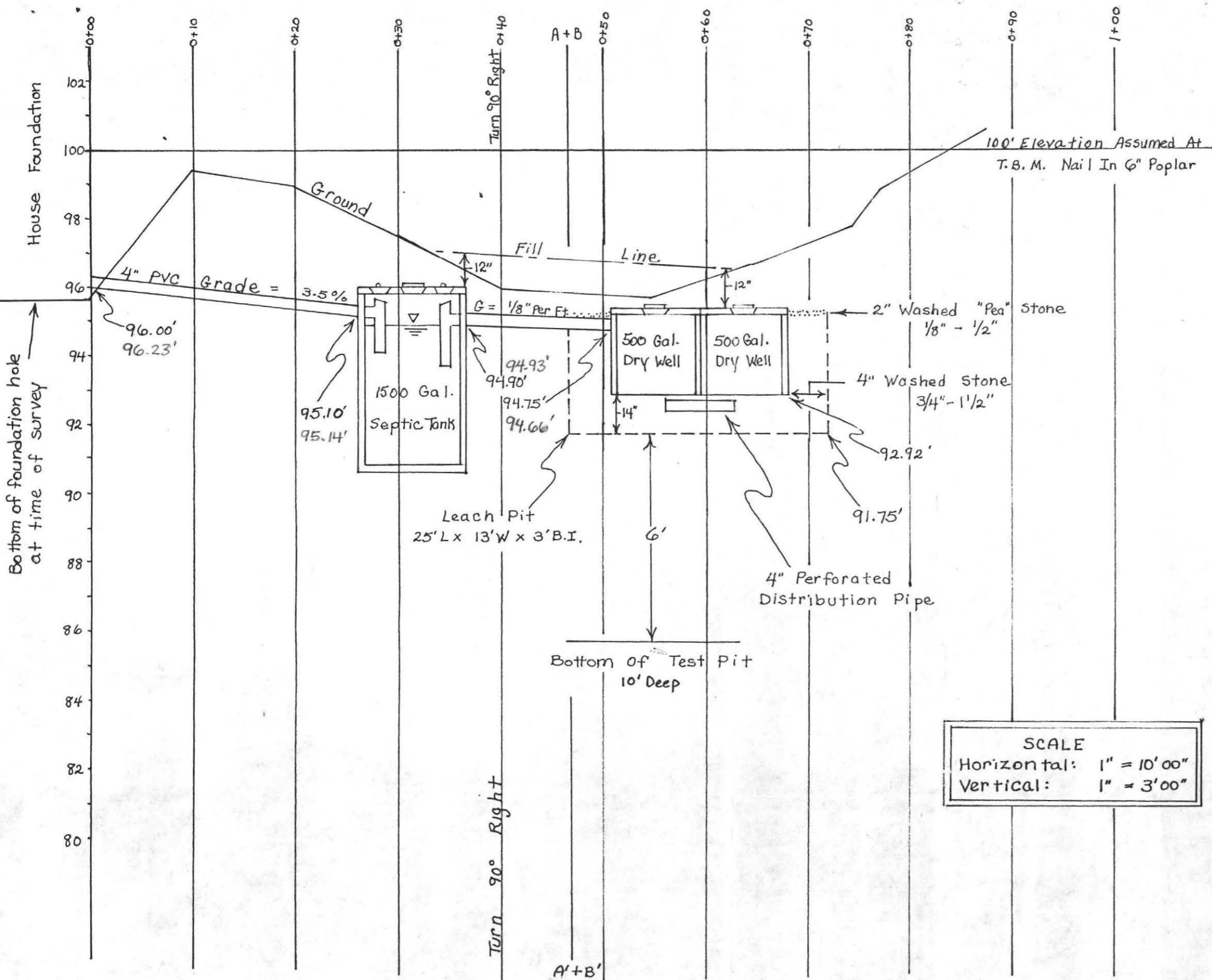
Sincerely,

*Frederick A. Filios Pres.*  
(Frederick A. Filios)

C.C. to Board of Health



# PROFILE OF SEPTIC SYSTEM



# SEPTIC SYSTEM DESIGN

For: Michael Connors, Landscape Design, Amherst, MA 01002  
 BY: Filios Enterprises, 69 Pelham Road, Amherst, MA. 01002  
 Site: Lot 130, Teaberry Ln., Amherst, Mass.  
 Date: Oct. 31, 1988  
 R.W.S.

## CALCULATIONS

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4. A piece of 4" perforated PVC should be placed in the washed stone beneath the dry wells to facilitate distribution of effluent.

## SPECIFICATIONS

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SCALE  
 Horizontal: 1" = 10'00"  
 Vertical: 1" = 3'00"



