

88-1  
E. Leverett Road Lot A-4  
*pending*



No. 88-1

FEE \$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:

Off East Leverett Rd.

A-4

Location - Address  
Steven M. Rostas

or Lot No.  
466 So. Pleasant St., Amherst, MA

Owner

Address

Installer

Address

Type of Building  
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 1500 gallons Length 10.5' Width 5' Diameter \_\_\_\_\_ Depth 5'4"

Disposal Trench ✓ No. 3 Width 2' Total Length 135' Total leaching area 135 sq. ft. sides

Seepage Pit No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Total leaching area 270 sq. ft. Bottom

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results Performed by Filius Enterprises, Inc. Date Dec. 3, 1987

Test Pit No. 1 2 minutes per inch Depth of Test Pit 72" Depth to ground water 30"

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 Howard Kohn

1-4-88  
Date

Application Approved By \_\_\_\_\_

Date

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

Date

Permit No. \_\_\_\_\_

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 \_\_\_\_\_

at Lot A-4, off East Leverett Rd  
Installer

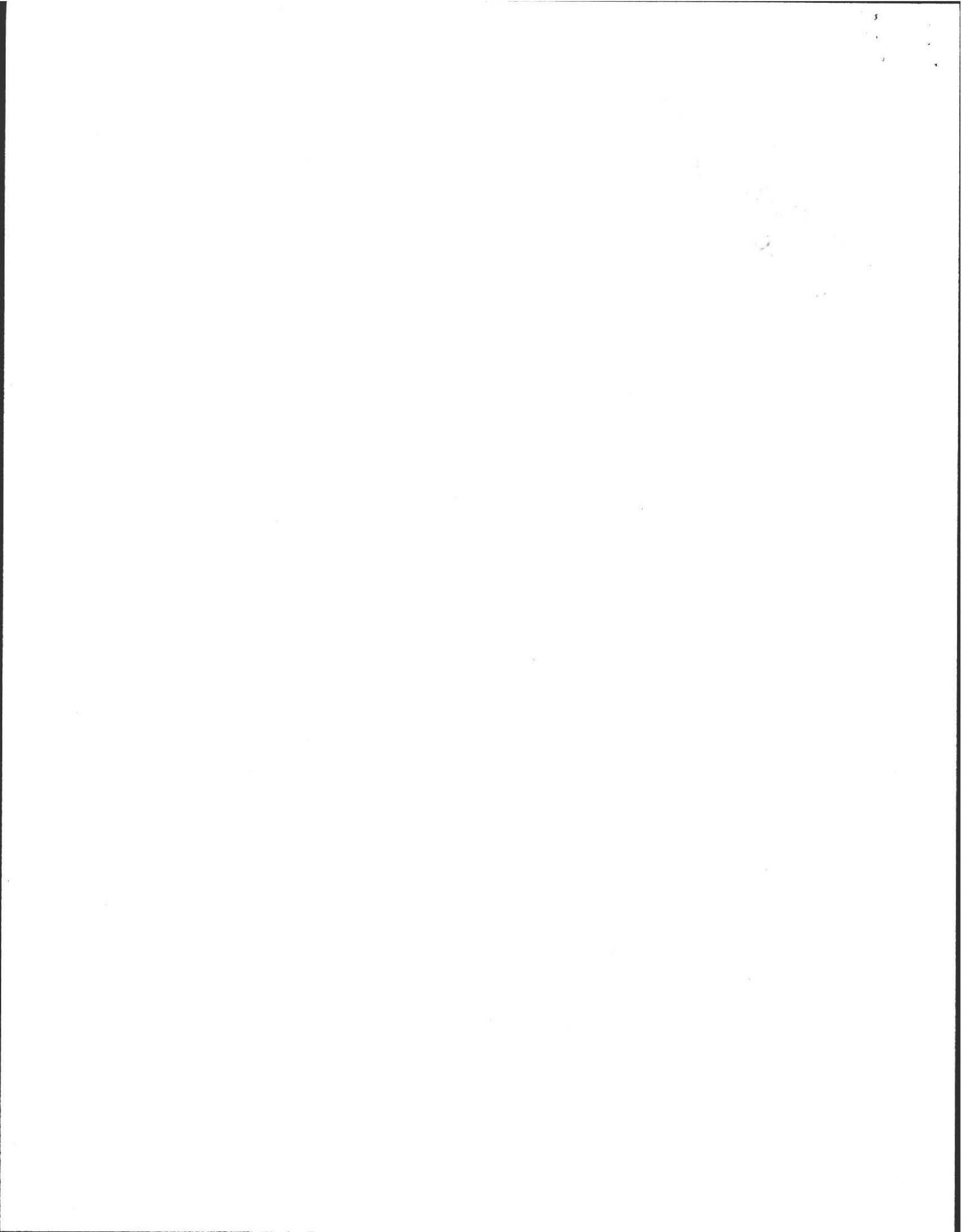
has been installed in accordance with the provisions of TITLE 5 of The State Sanitary Code as described in the application for Disposal Works Construction Permit No. \_\_\_\_\_ dated \_\_\_\_\_

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

DATE \_\_\_\_\_

Inspector \_\_\_\_\_

CHECK OR FILL IN WHERE APPLICABLE



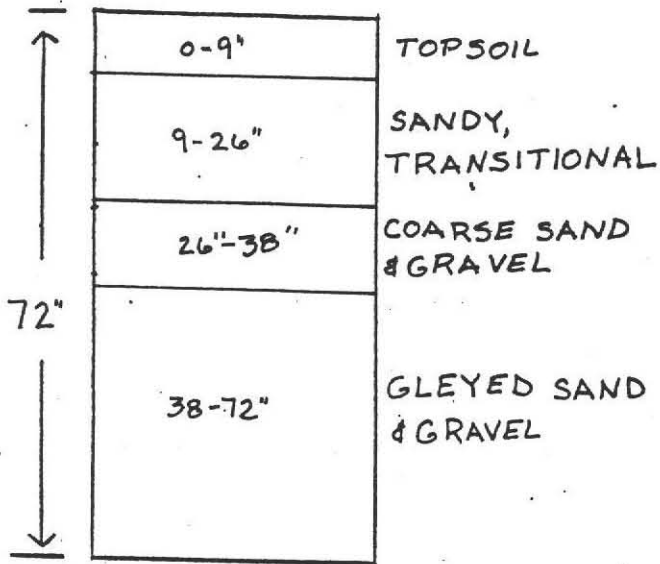
DEEP SOIL LOGS

OWNER Howard Kabin

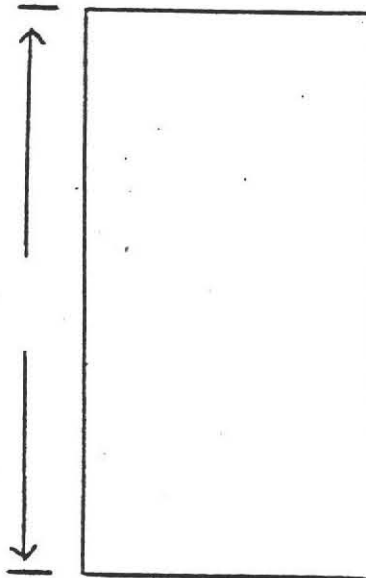
DATE December 3, 1986

LOCATION Site 2, East Leverett Rd, Amherst, MA.

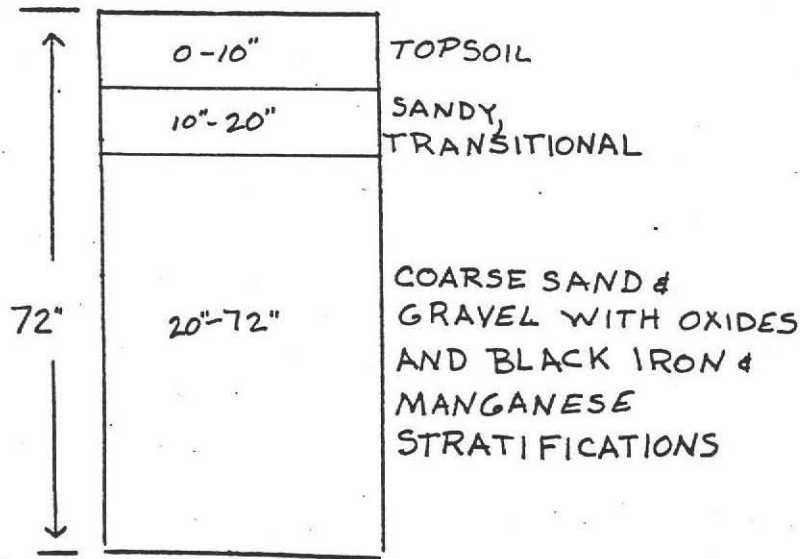
OBSERVER F.A. Filios  
Charles Drake 12/3/86  
B of H Peter Kolodziej 11/20/87



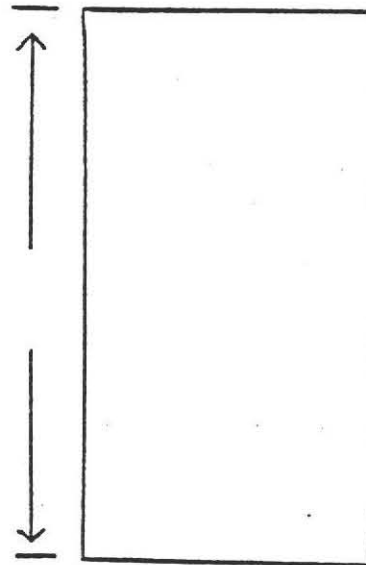
GROUND WATER 30"



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



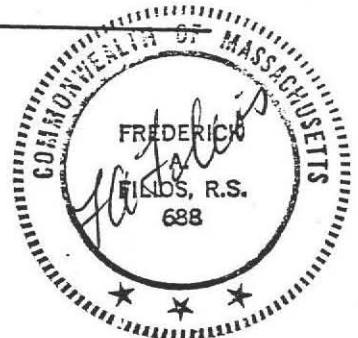
GROUND WATER: none

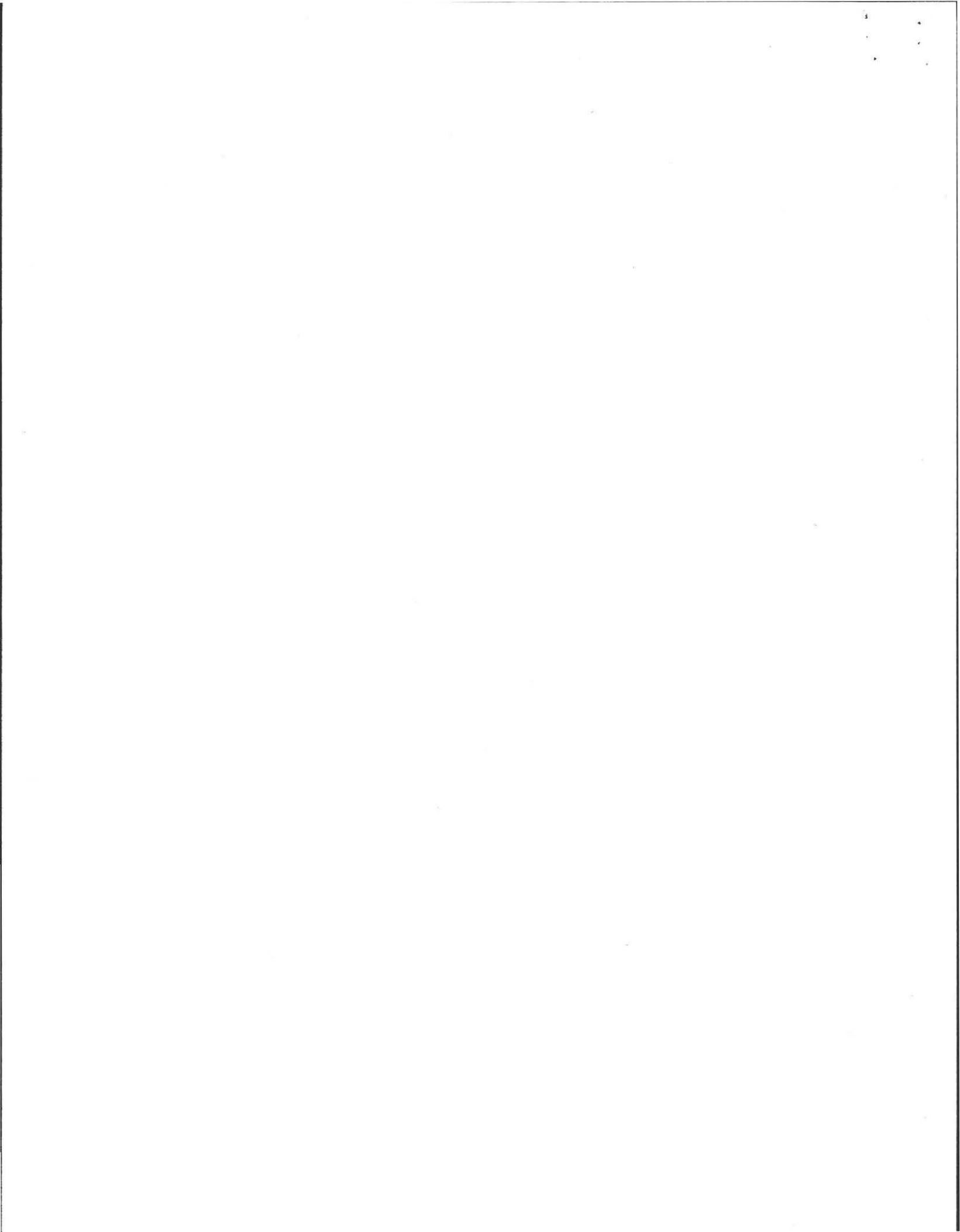


GROUND WATER \_\_\_\_\_

PERCOLATION RATE AT 30":

< 2 min./inch



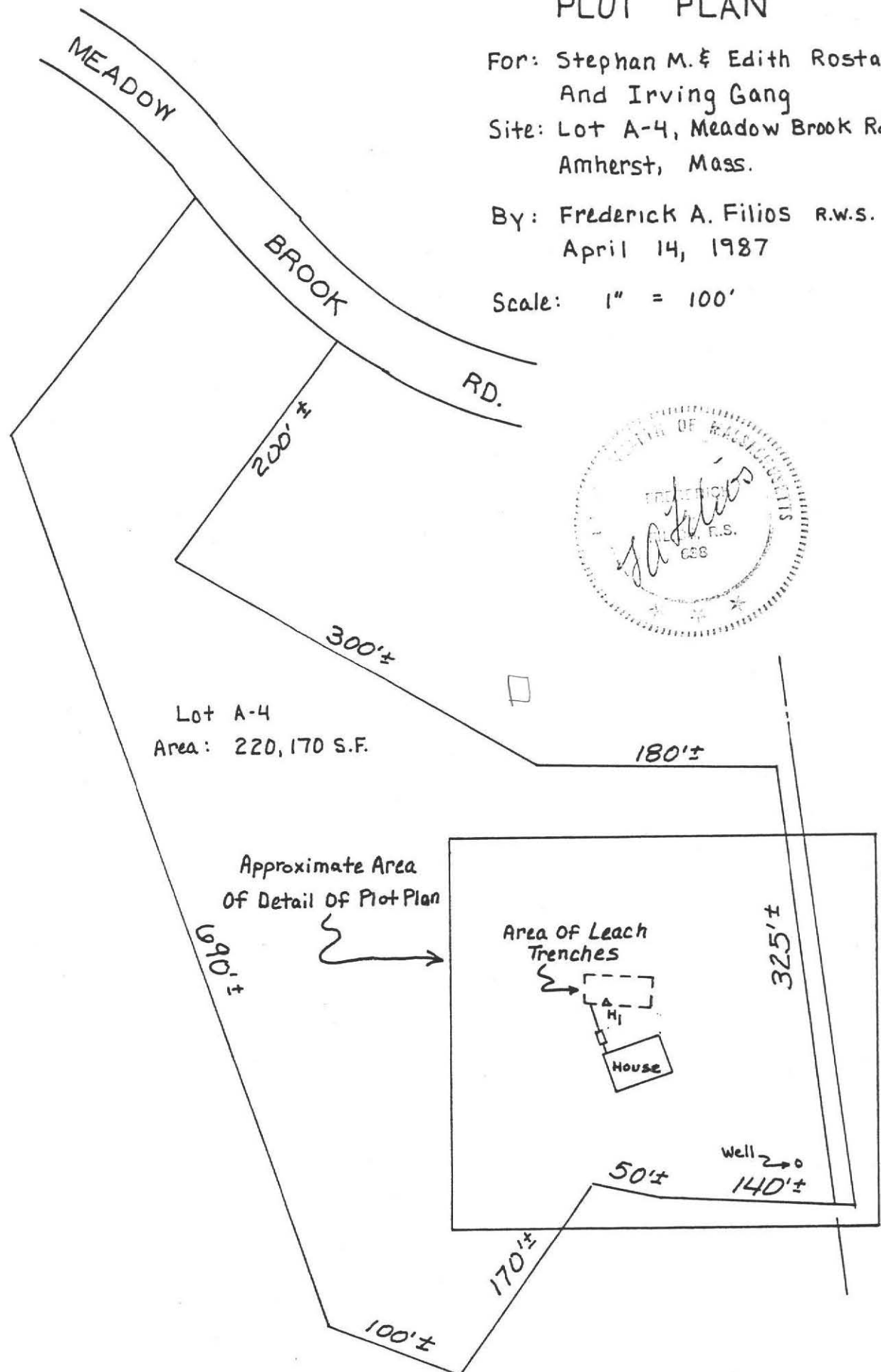


# PLOT PLAN

For: Stephan M. & Edith Rostas  
And Irving Gang  
Site: Lot A-4, Meadow Brook Rd.  
Amherst, Mass.

By: Frederick A. Filios R.W.S.  
April 14, 1987

Scale: 1" = 100'



Lot A-4  
Area: 220,170 S.F.

Approximate Area  
of Detail of Plot Plan

Area of Leach  
Trenches

House

Well 140' ±







# PLAN SHOWING SEWAGE DISPOSAL

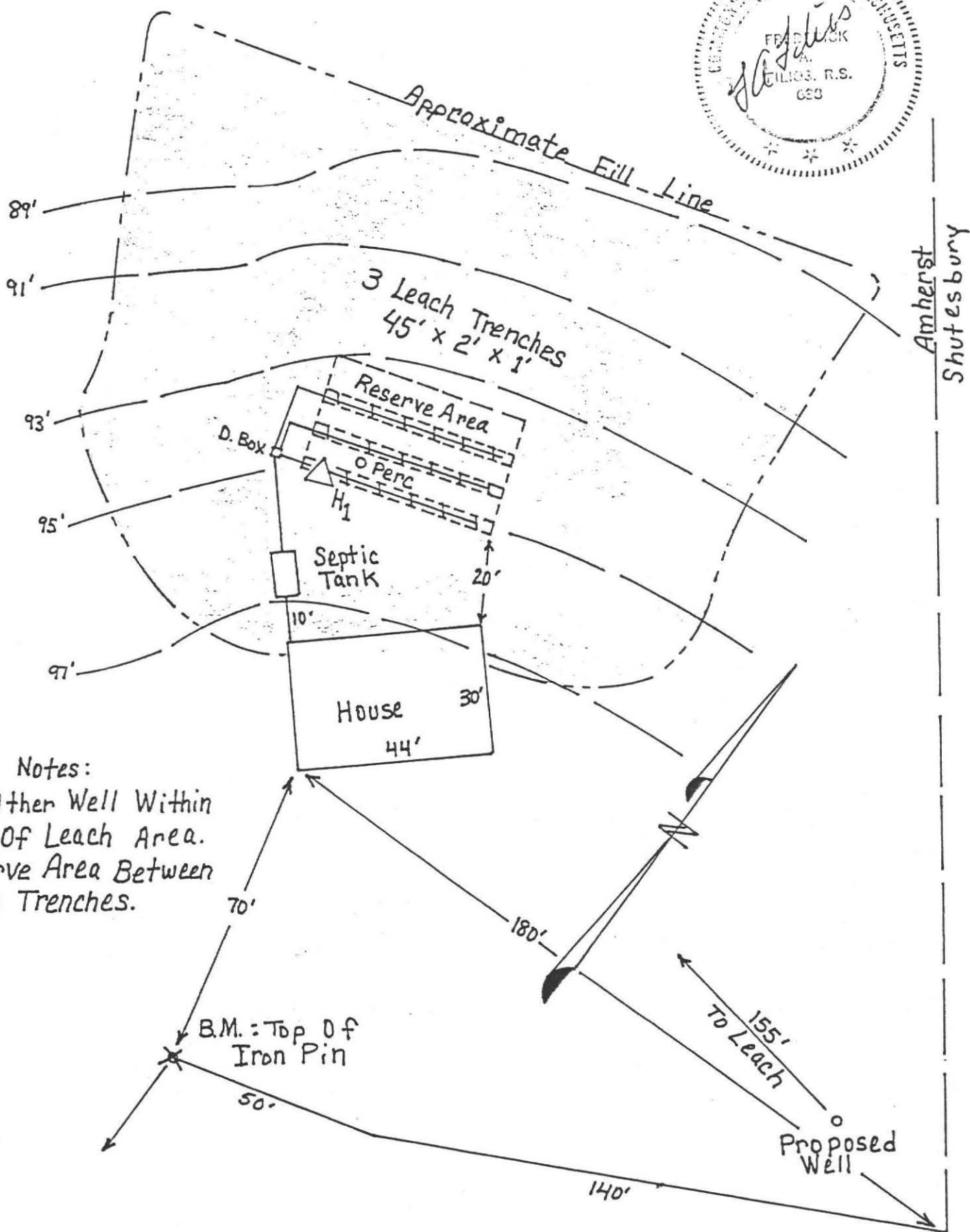
Detail

For: Stephan + Edith Rostas  
And Irving Gang  
466 S. Pleasant St., Amherst, MA

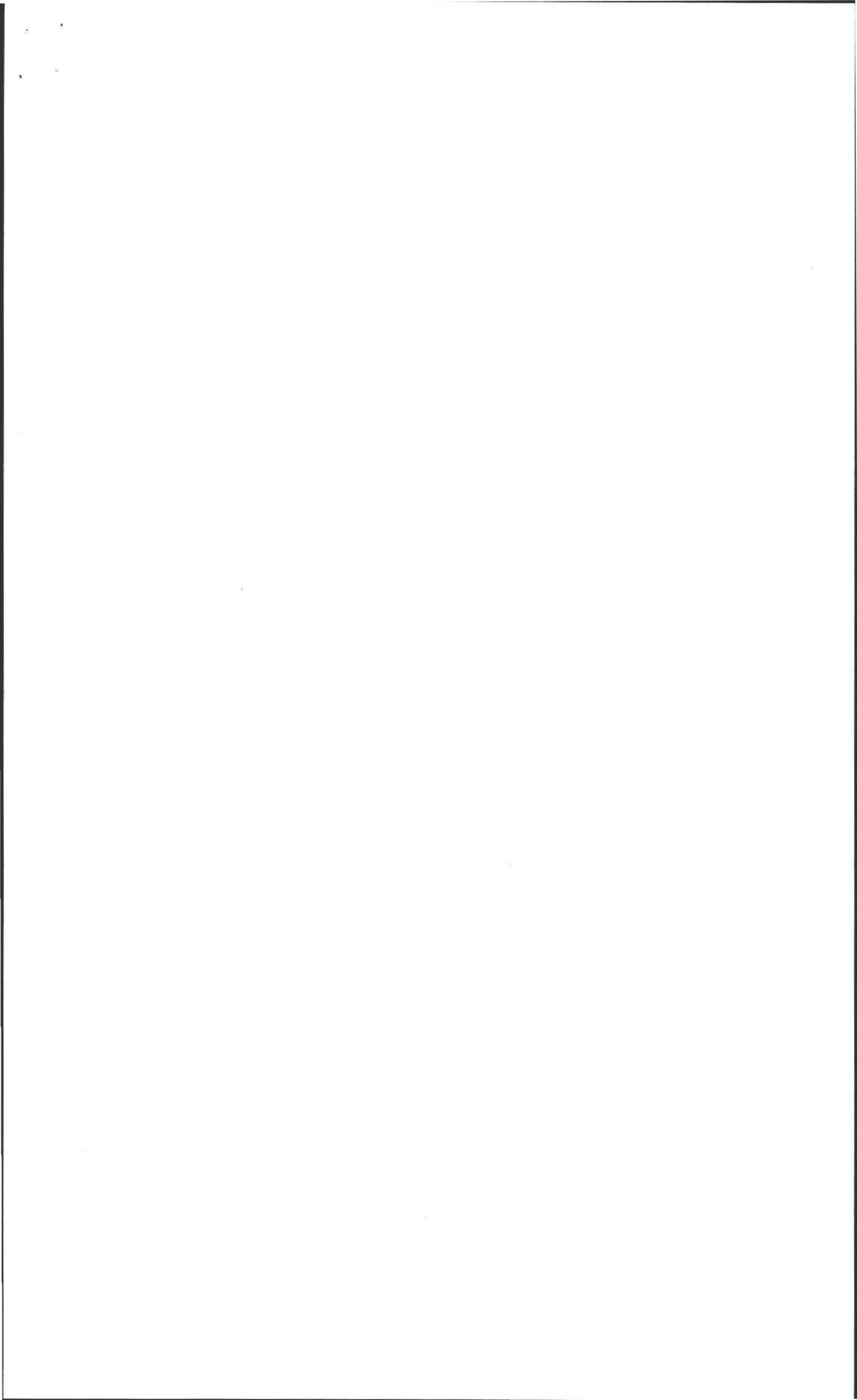
By: Frederick A. Filios  
April 14, 1987 R.W.S.  
Scale: 1" = 30'

Site: Lot A-4 E. Leverett Rd.  
Amherst, Mass.

Lot A-4 : 220,170 S.F.



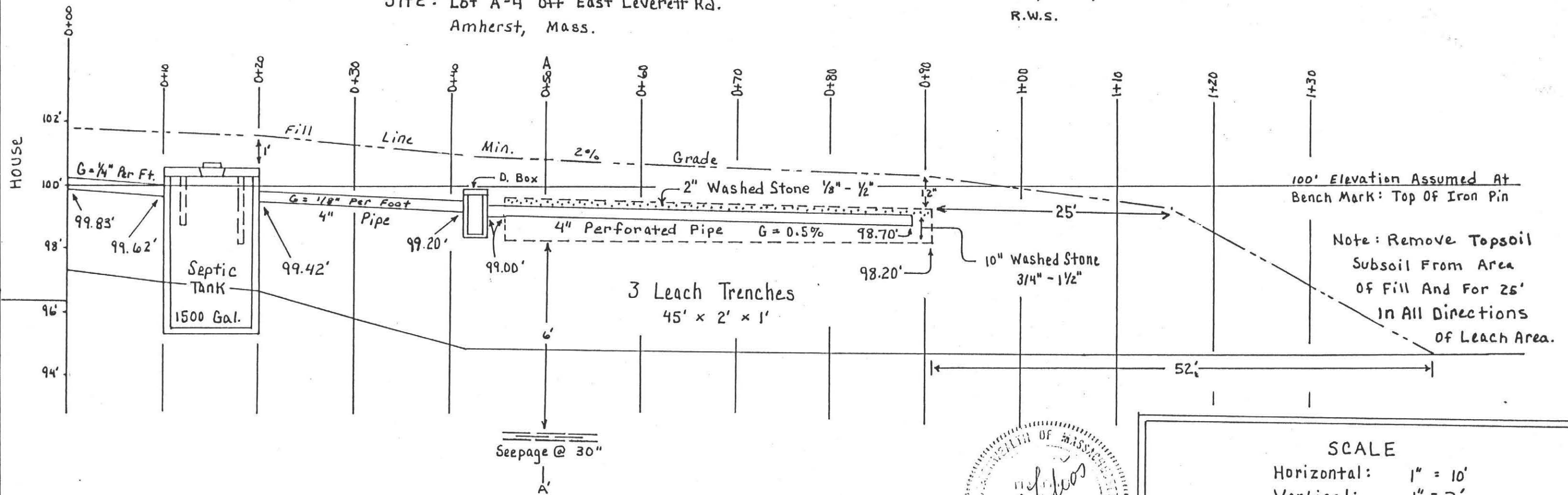
Notes:  
No Other Well Within  
200' Of Leach Area.  
Reserve Area Between  
Leach Trenches.



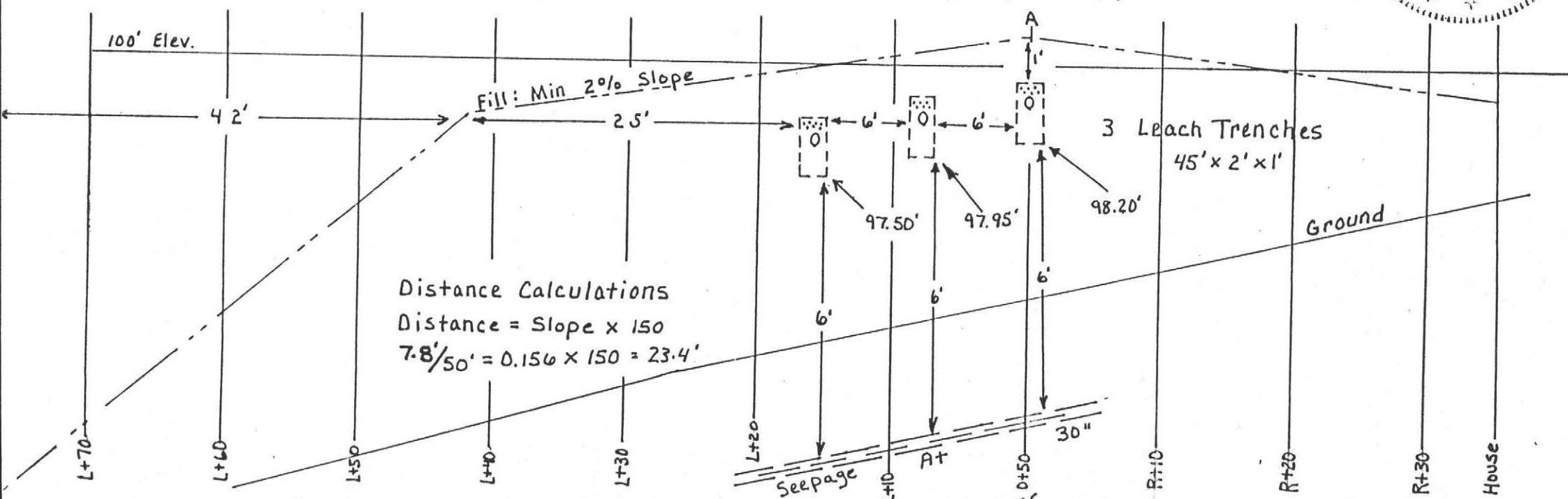
# PROFILE OF SEPTIC SYSTEM

For: Stephan & Edith Rostas  
 466 South Pleasant St., Amherst, MA  
 Site: Lot A-4 off East Leverett Rd.  
 Amherst, Mass.

By: Frederick A. Filios  
 Revised: April 9, 1987  
 R.W.S.



## CROSS-SECTION OF TRENCHES AT A-A'



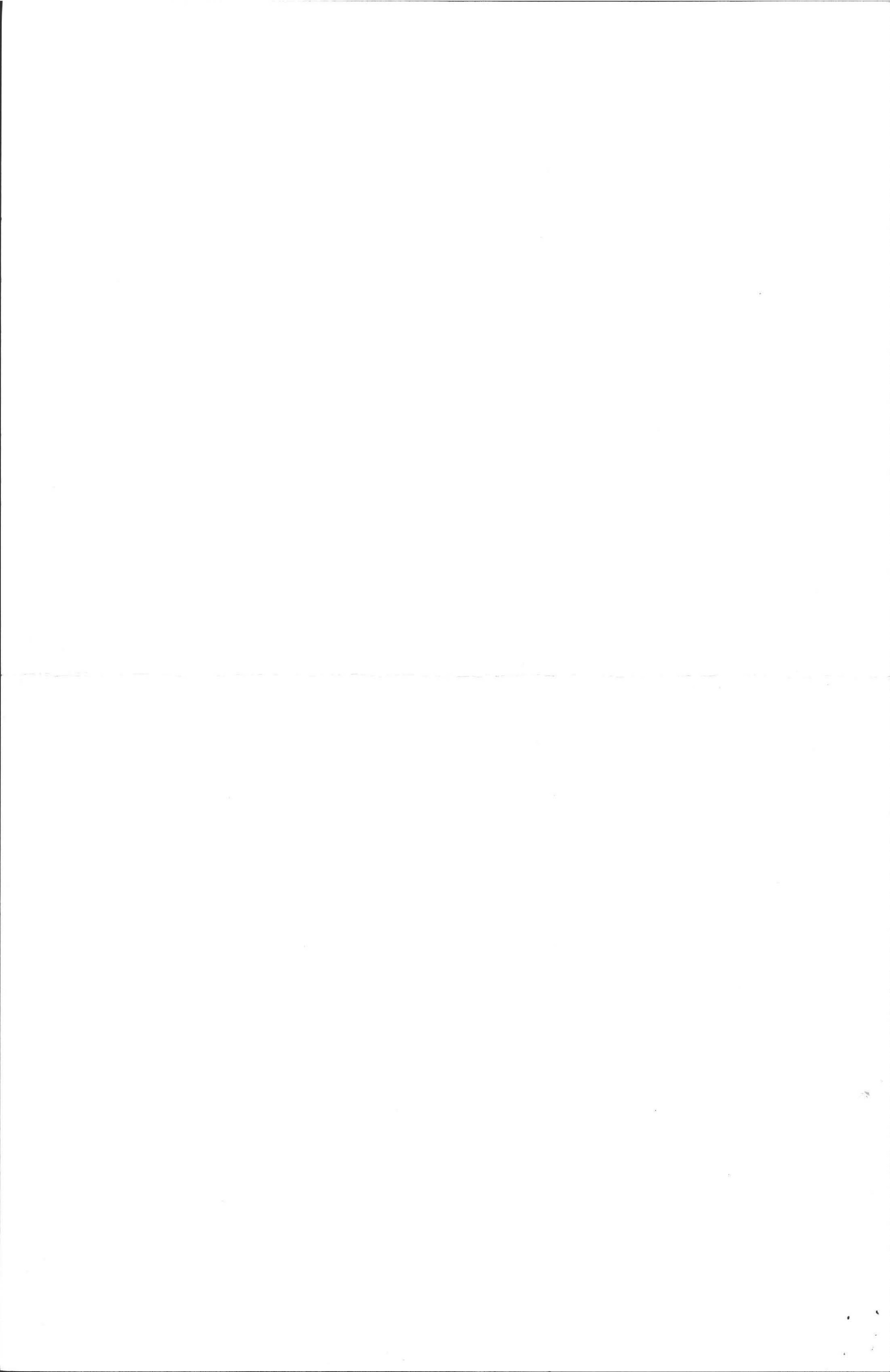
SCALE  
 Horizontal: 1" = 10'  
 Vertical: 1" = 3'

### CALCULATIONS

4 Bedrooms @ 110 Gal/Day = 440 Gal Demand  
 Perc Rate: 2 Minutes Per Inch  
 Soil Loading: Sides: 2.5 Gal/Sq. Ft.; Btm: 1.0 Gal/SF  
 3 Leach Trenches: 45' x 2' x 1'  
 Sides: 45' x 3 Tr.s = 135 S.F. x 2.5 = 337  
 Bottom: (45' x 2') 3 = 270 S.F. x 1.0 = 270  
 Total Available Capacity: 607 Gallons

### SPECIFICATIONS

All Materials And Construction Will Be In Accordance With Comm. Of Mass. D.E.R.E. State Environmental Code Title V.



No. 88-1

FEE 790.00

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:

JAN 06 1988

Location - Address Off East Leverett Rd. or Lot No. A-4  
Owner Steven M. Rostas Address 466 So. Pleasant St., Amherst, MA

Installer \_\_\_\_\_ Address \_\_\_\_\_  
Type of Building \_\_\_\_\_ Size Lot 220, 170 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 5.5 gallons per person per day. Total daily flow 440 gallons.  
Septic Tank — Liquid capacity 1500 gallons Length 10.5' Width 5' Diameter \_\_\_\_\_ Depth 5'4"  
Disposal Trench ✓ No. 3 Width 2' Total Length 135' Total leaching area 135 sq. ft. sides  
Seepage Pit No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Total leaching area 270 sq. ft. Bottom  
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Signed Howard Holm Date 1-4-88

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

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

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

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

Town OF Amherst

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at Lot A-4, off East Leverett Rd Installer \_\_\_\_\_  
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DATE \_\_\_\_\_ Inspector \_\_\_\_\_

CHECK OR FILL IN WHERE APPLICABLE

RECEIVED  
1925

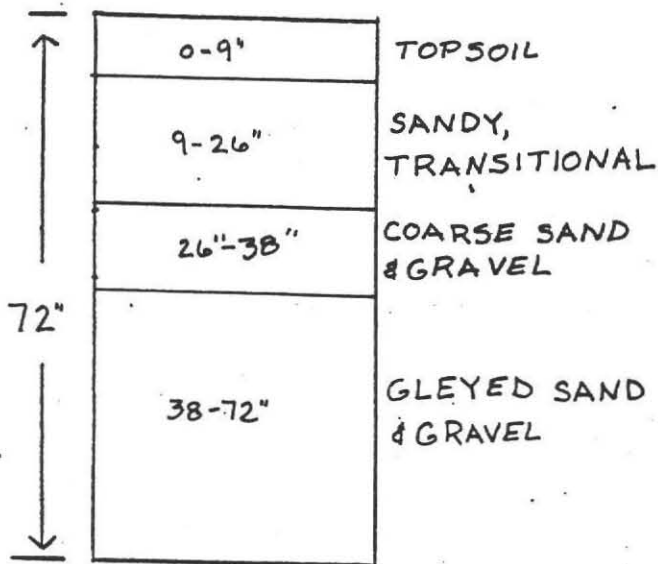
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OWNER Howard Kabin

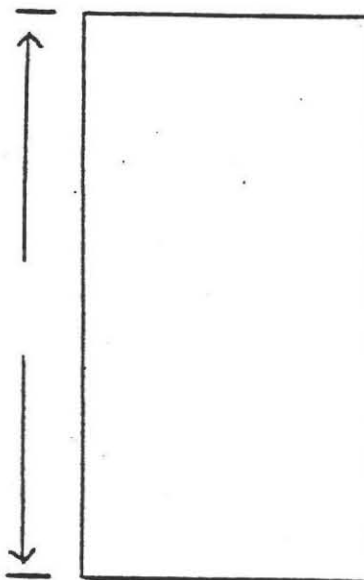
DATE December 3, 1986

LOCATION Site 2, East Leverett Rd, Amherst, MA.

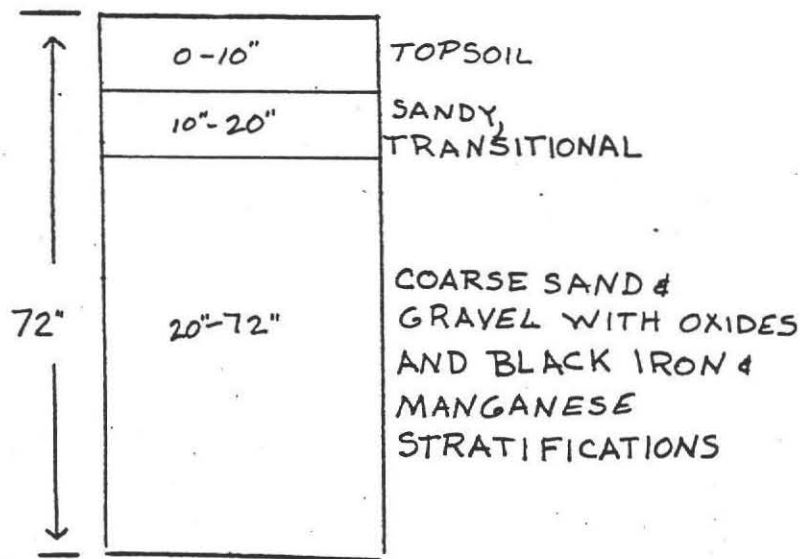
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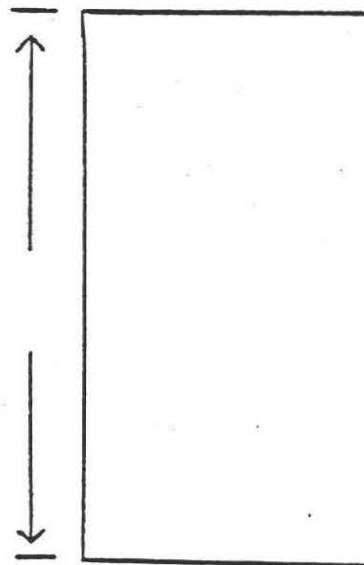
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GROUND WATER \_\_\_\_\_



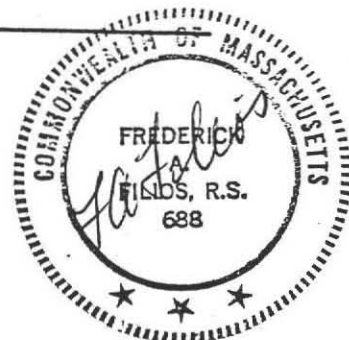
GROUND WATER none

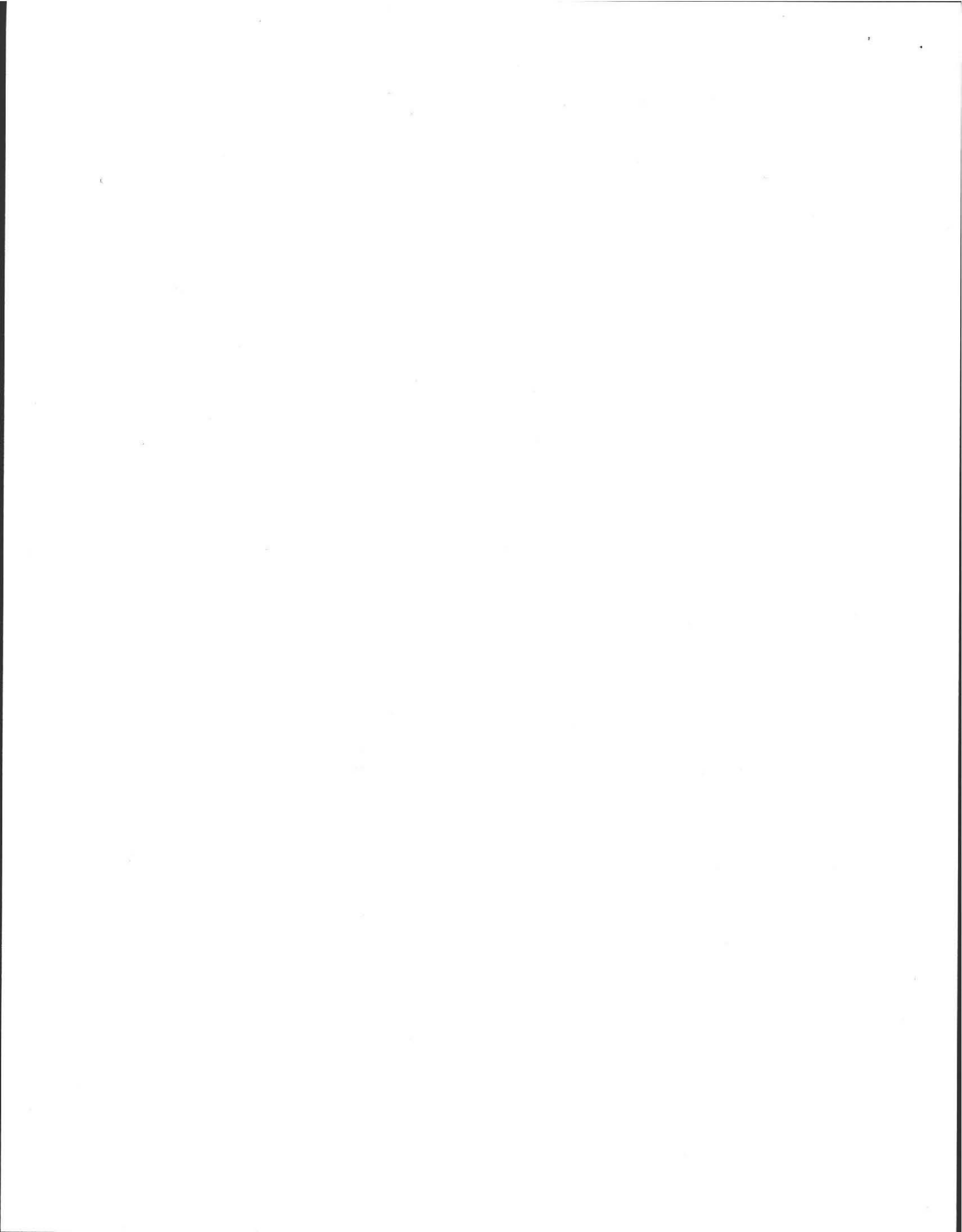


GROUND WATER \_\_\_\_\_

PERCOLATION RATE AT 30":

< 2 min./inch





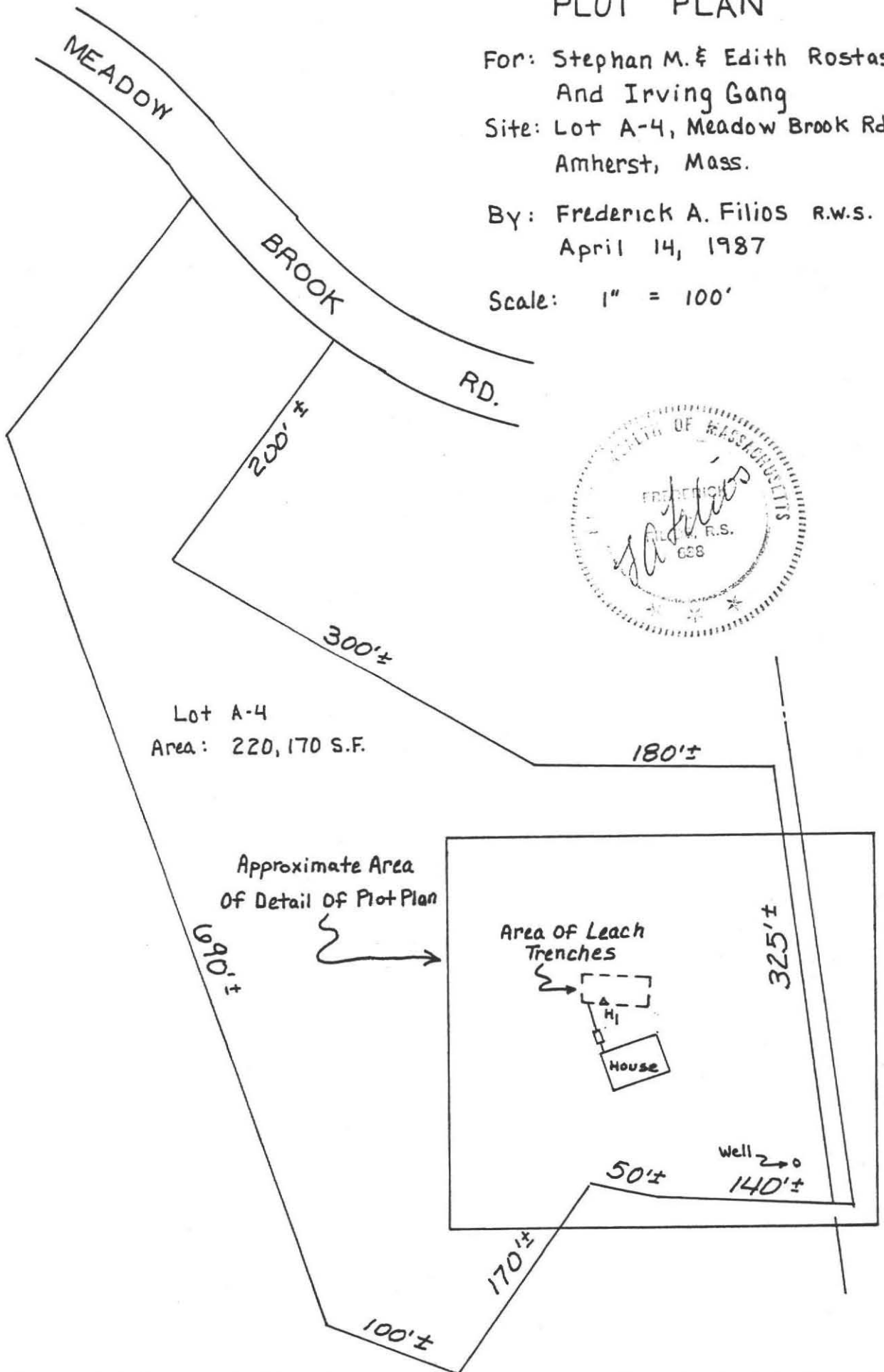


# PLOT PLAN

For: Stephan M. & Edith Rostas  
And Irving Gang  
Site: Lot A-4, Meadow Brook Rd.  
Amherst, Mass.

By: Frederick A. Filios R.W.S.  
April 14, 1987

Scale: 1" = 100'



Lot A-4  
Area: 220,170 S.F.

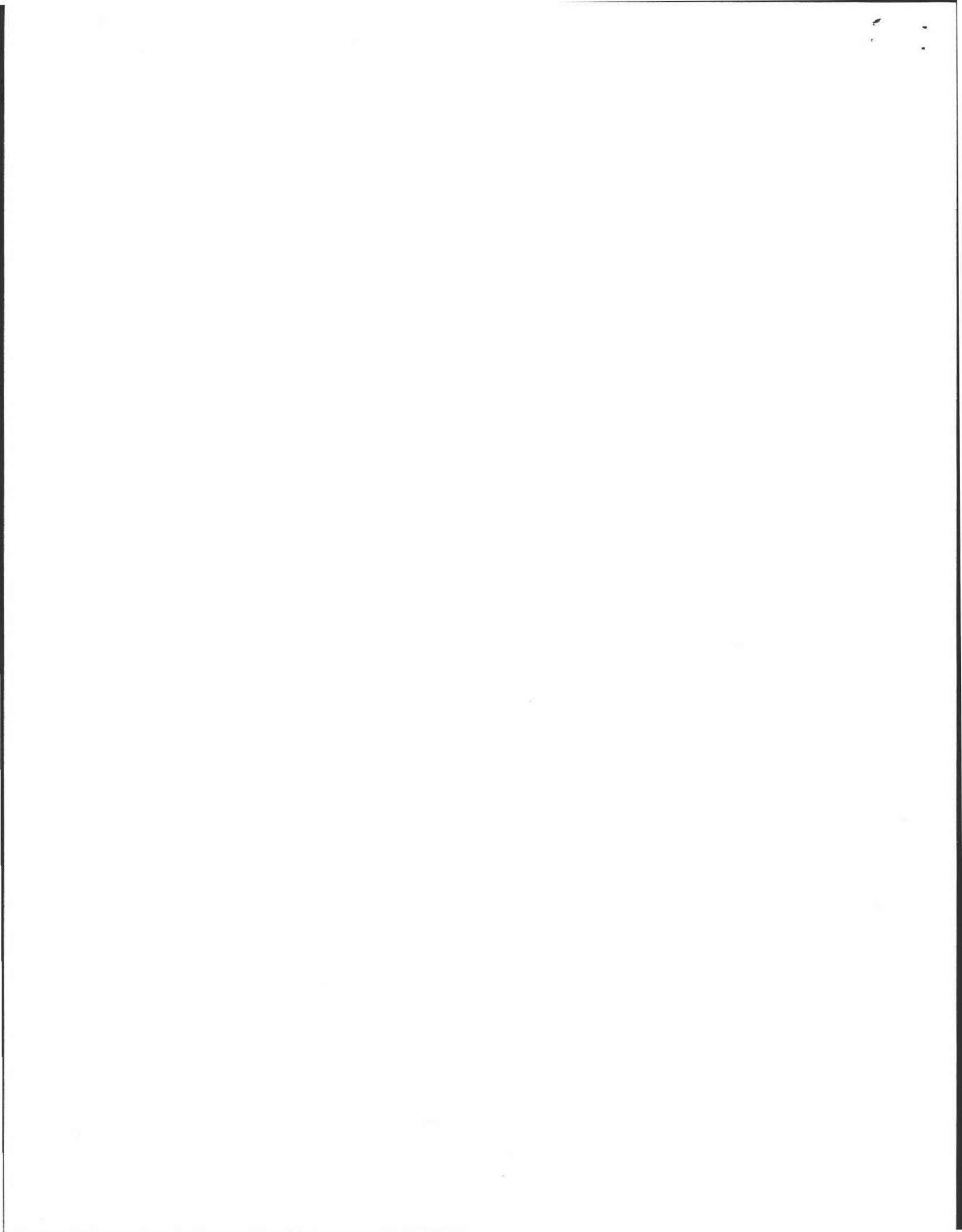
Approximate Area  
of Detail of Plot Plan

Area of Leach  
Trenches

House

Well 140'±  
50'±





# PLAN SHOWING SEWAGE DISPOSAL

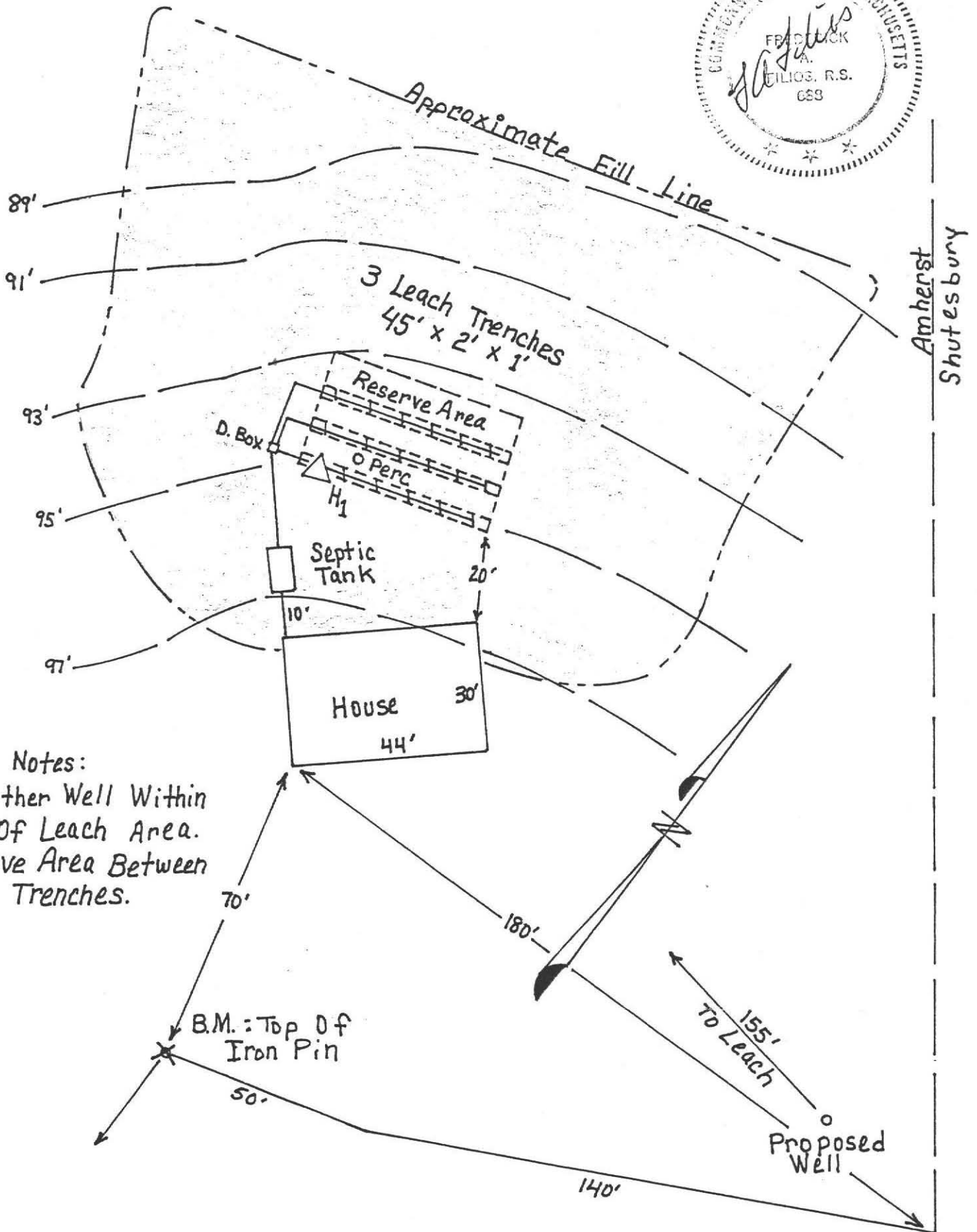
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For: Stephan + Edith Rostas  
And Irving Gang  
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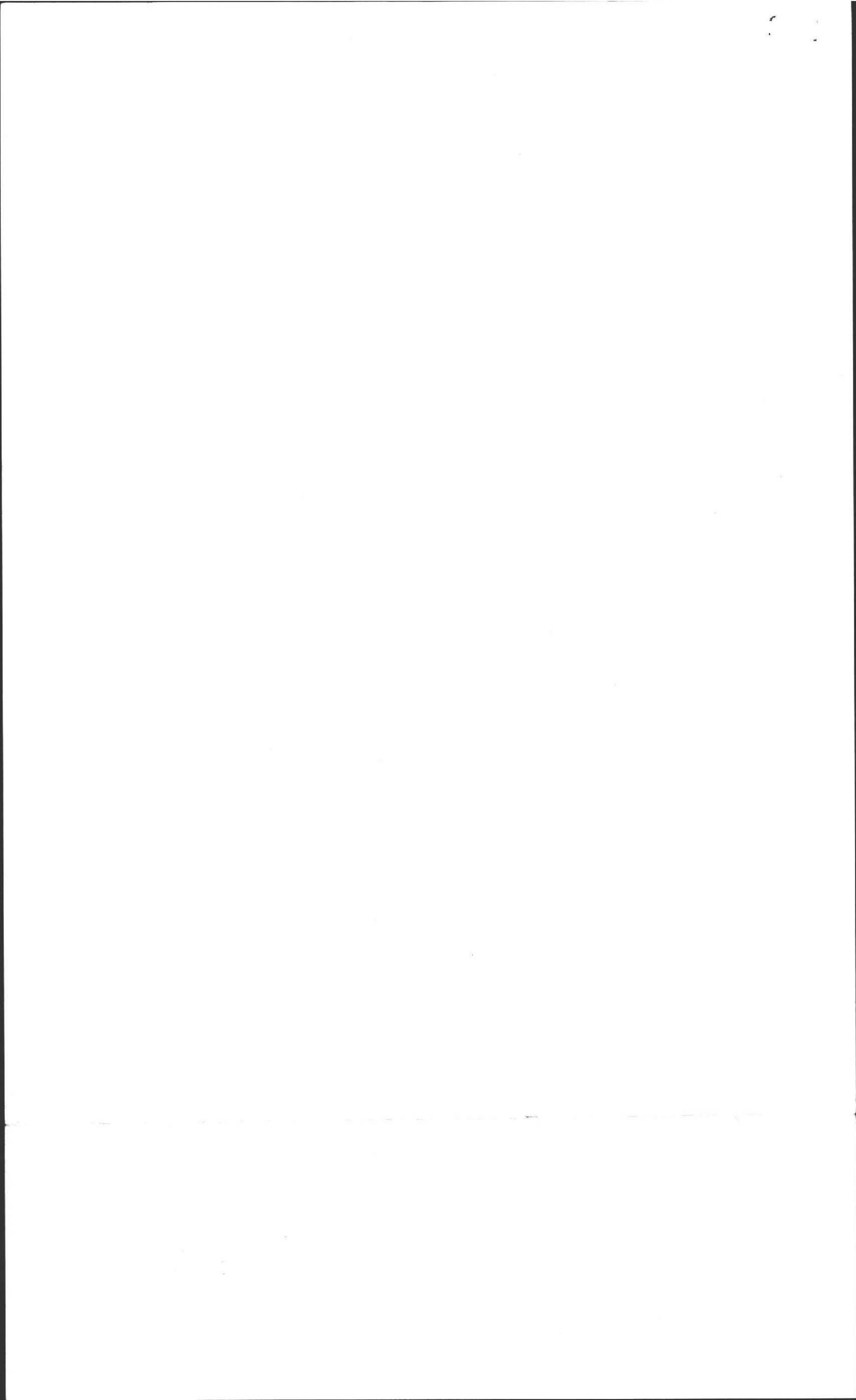
By: Frederick A. Filios  
April 14, 1987 R.W.S.  
Scale: 1" = 30'

Site: Lot A-4 E. Leverett Rd.  
Amherst, Mass.

Lot A-4 : 220,170 S.F.



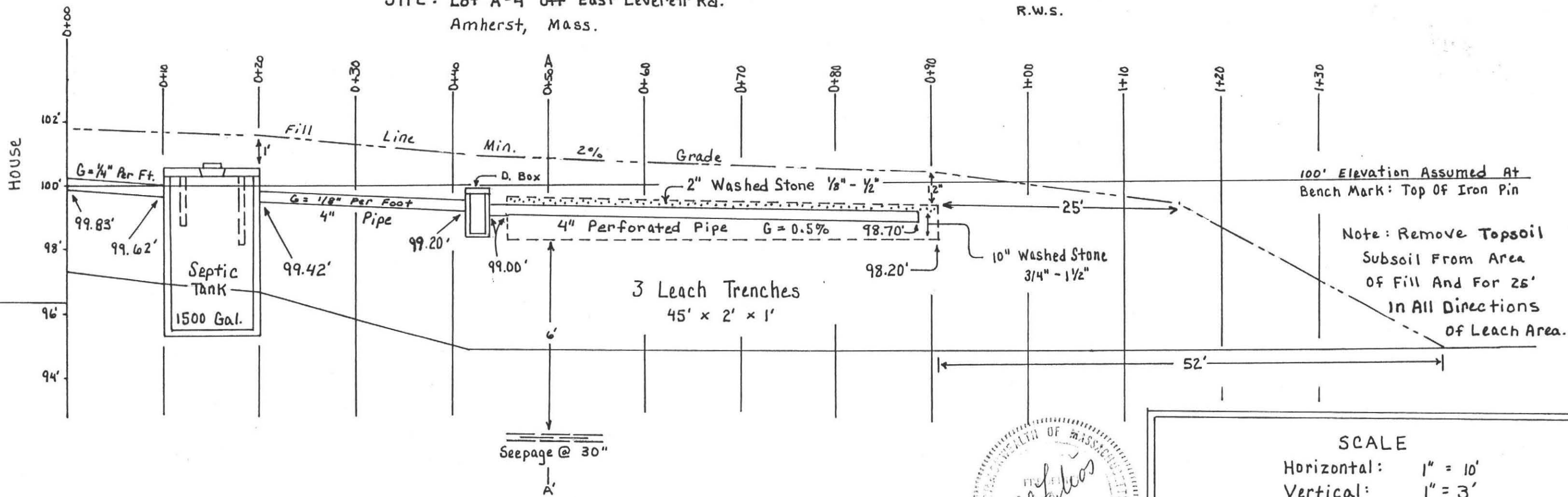
Notes:  
No Other Well Within  
200' Of Leach Area.  
Reserve Area Between  
Leach Trenches.



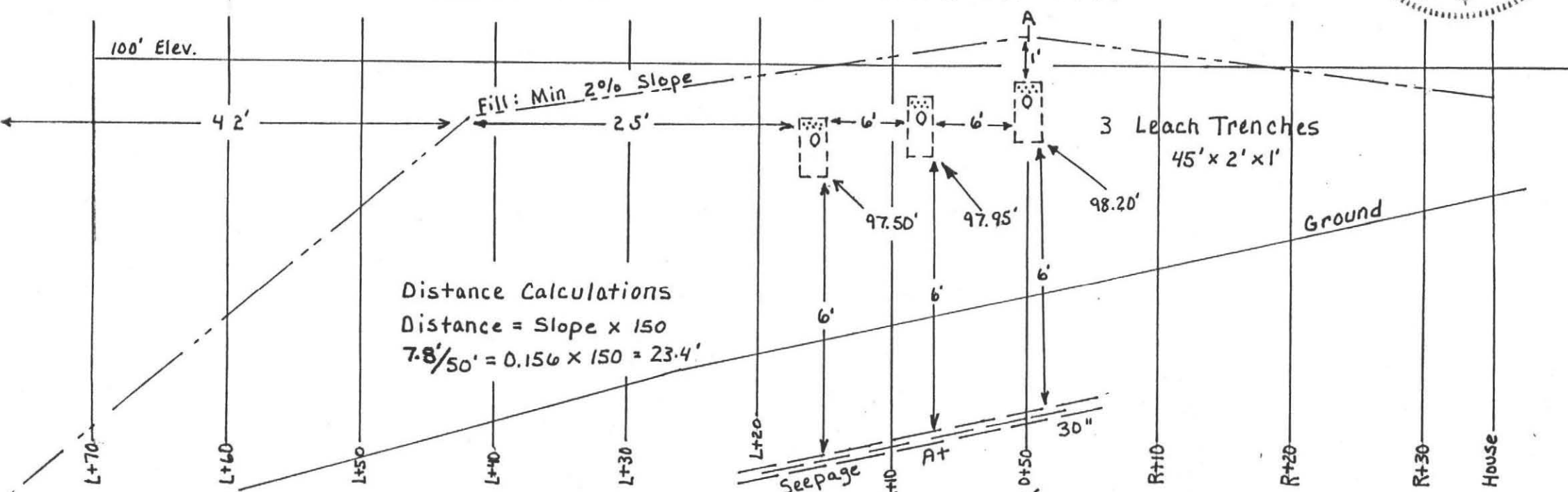
# PROFILE OF SEPTIC SYSTEM

For: Stephan & Edith Rostas  
 466 South Pleasant St., Amherst, MA  
 Site: Lot A-4 off East Leverett Rd.  
 Amherst, Mass.

By: Frederick A. Filios  
 Revised: April 9, 1987  
 R.W.S.



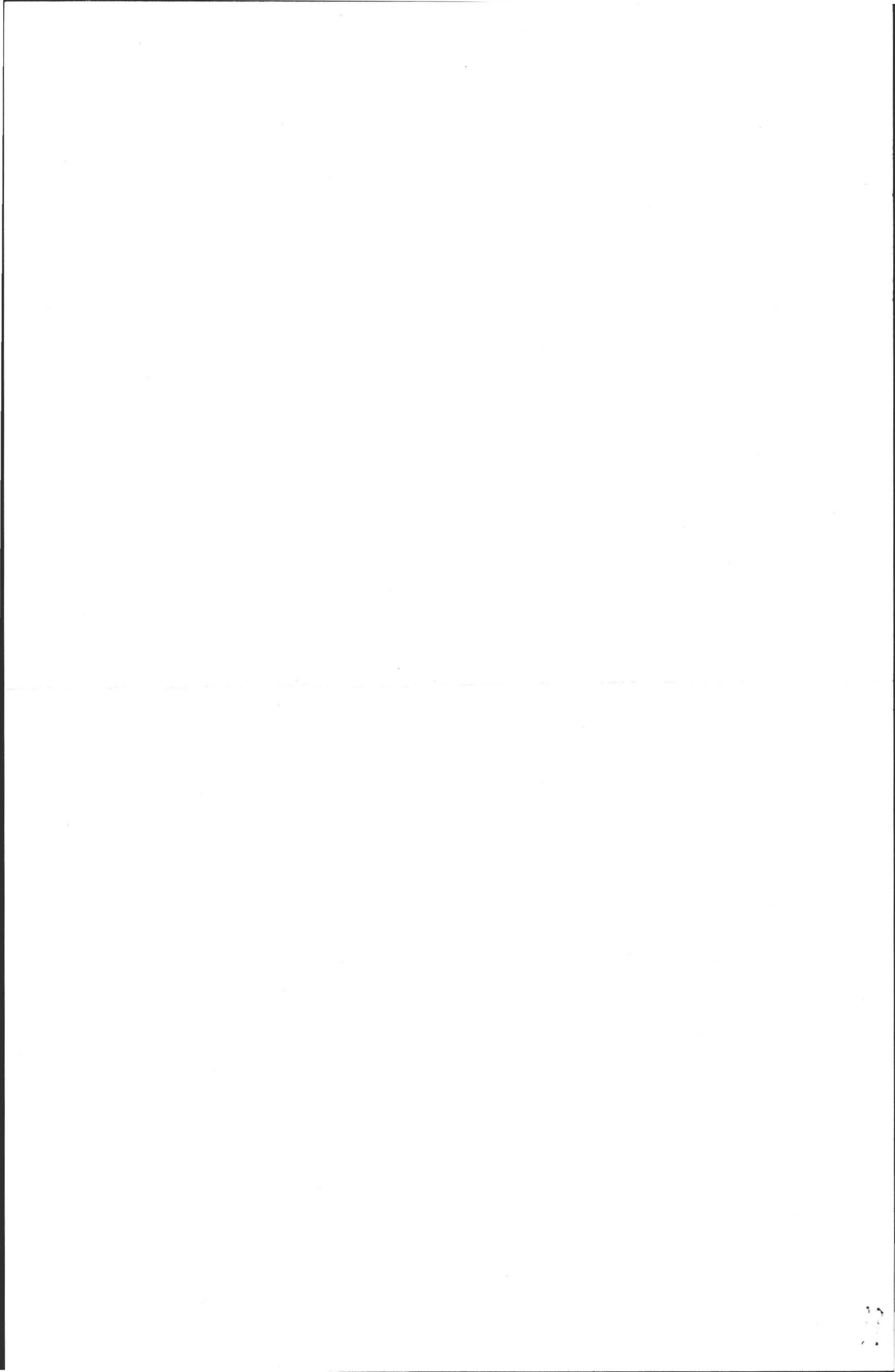
## CROSS-SECTION OF TRENCHES AT A-A'



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

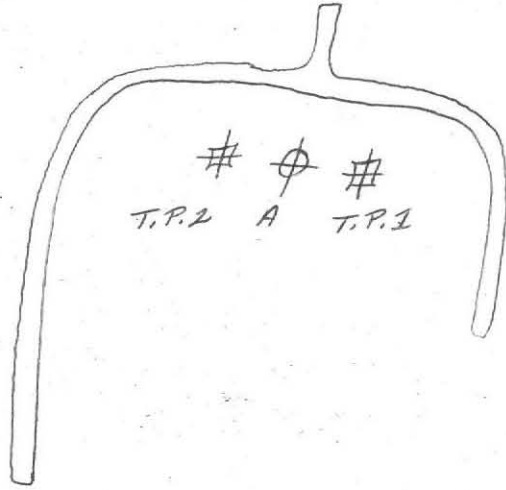
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 Soil Loading: Sides: 2.5 Gal/Sq. Ft.; Btm: 1.0 Gal/SF  
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 Bottom: (45' x 2') 3 = 270 S.F. x 1.0 = 270  
 Total Available Capacity: 607 Gallons

SPECIFICATIONS  
 All Materials And Construction  
 Will Be In Accordance With  
 Comm. Of Mass. D.E.R.E. State  
 Environmental Code Title V.



LOCATION OF PROP.: *Howard Robin*  
 Lot A-4  
 LOT NO.: *East Leverett Rd.*  
*Amherst, MA*  
 DATE PERFORMED: *March 9, 1988*  
 PERFORMED BY: *Fred Filias (F. F. & Bob Stover)*  
 WITNESSED BY: *for Health Dept. ; Dennis Pinski*  
 PERK TEST RESULTS: (tabulation on back)

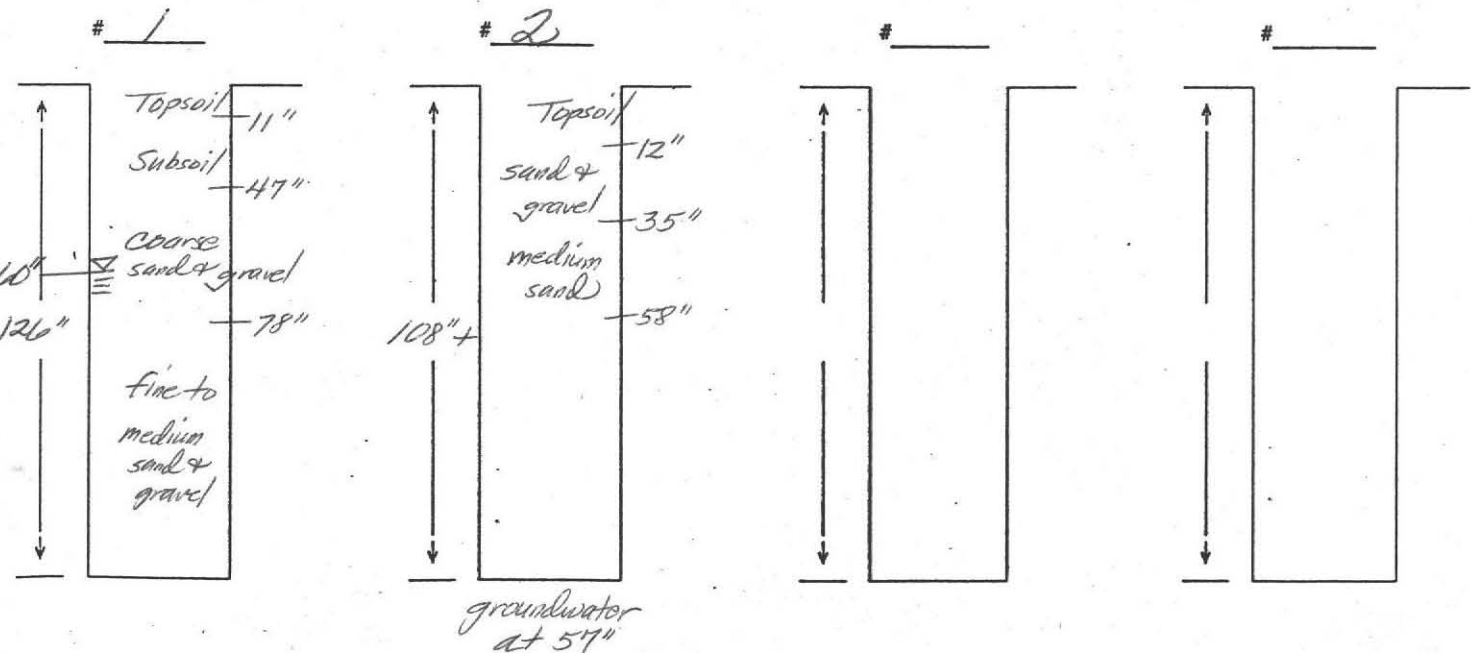
*No Scale - Diagram Approximate*  
 SKETCH PLAN

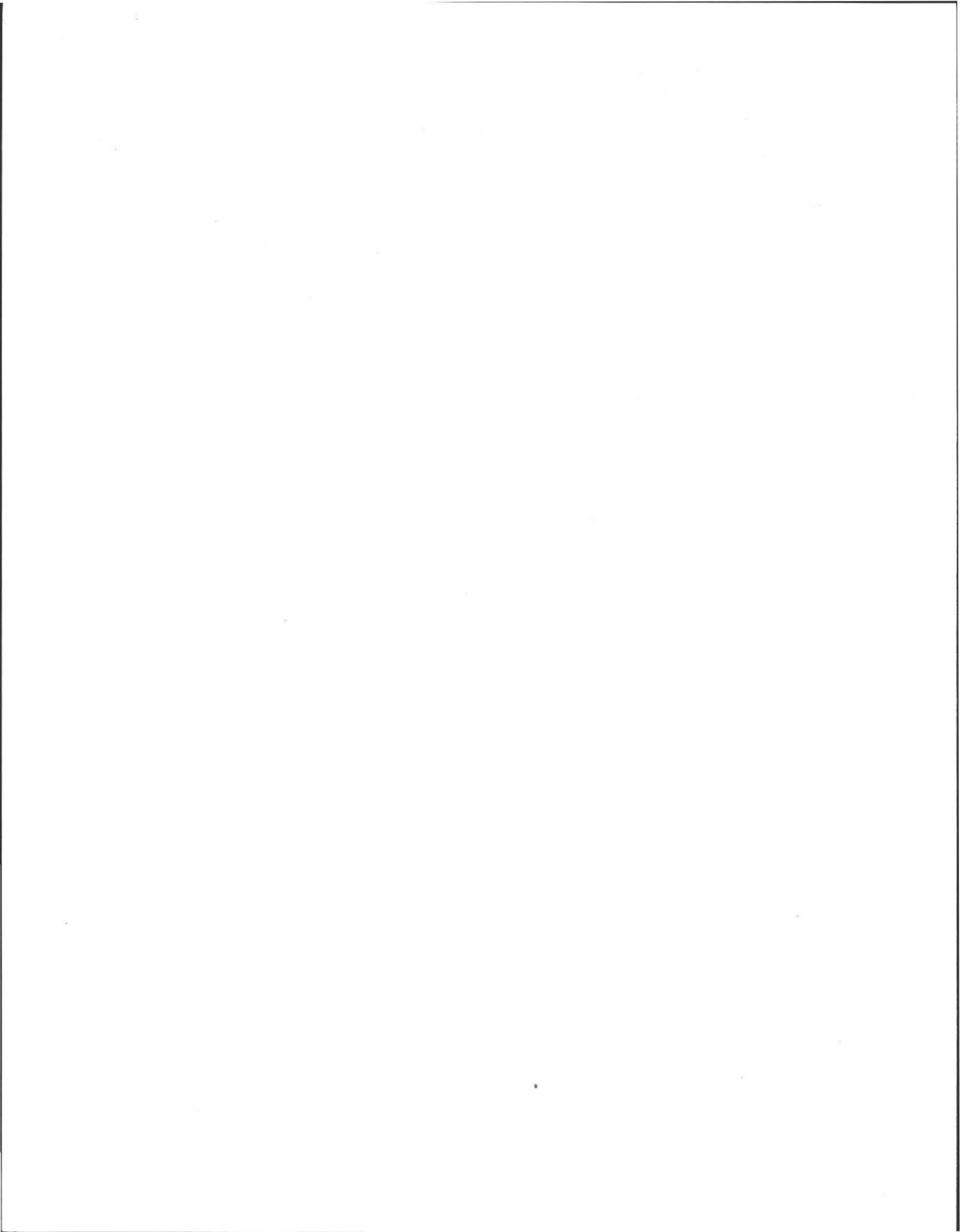


1. *by A.*  
 2.  
 3.  
 4.  
 COMMENTS:

⊠ INDICATES OBSERVATION HOLES  
 ⊙ INDICATES PERK TEST LOCATION

▽ denotes groundwater  
 OBSERVATION HOLES







AMHERST HEALTH DEPARTMENT  
BANKS COMMUNITY CENTER  
2 BOLTWOOD BLVD  
AMHERST, MA 01002

SOIL EXAMINATIONS / PERCOLATION TESTS

JOB #

LOCATION OF PROP.:

LOT NO.:

DATE PERFORMED:

PERFORMED BY:

WITNESSED BY:

PERK TEST RESULTS: (tabulation on back)

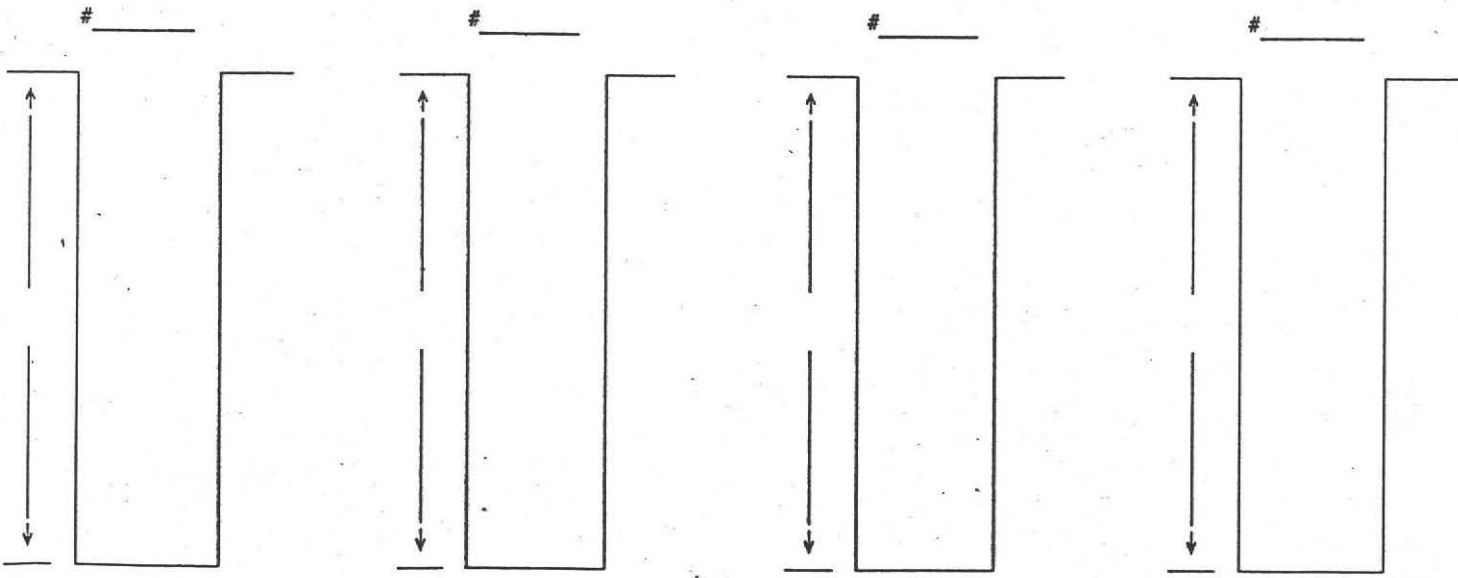
- 1.
- 2.
- 3.
- 4.

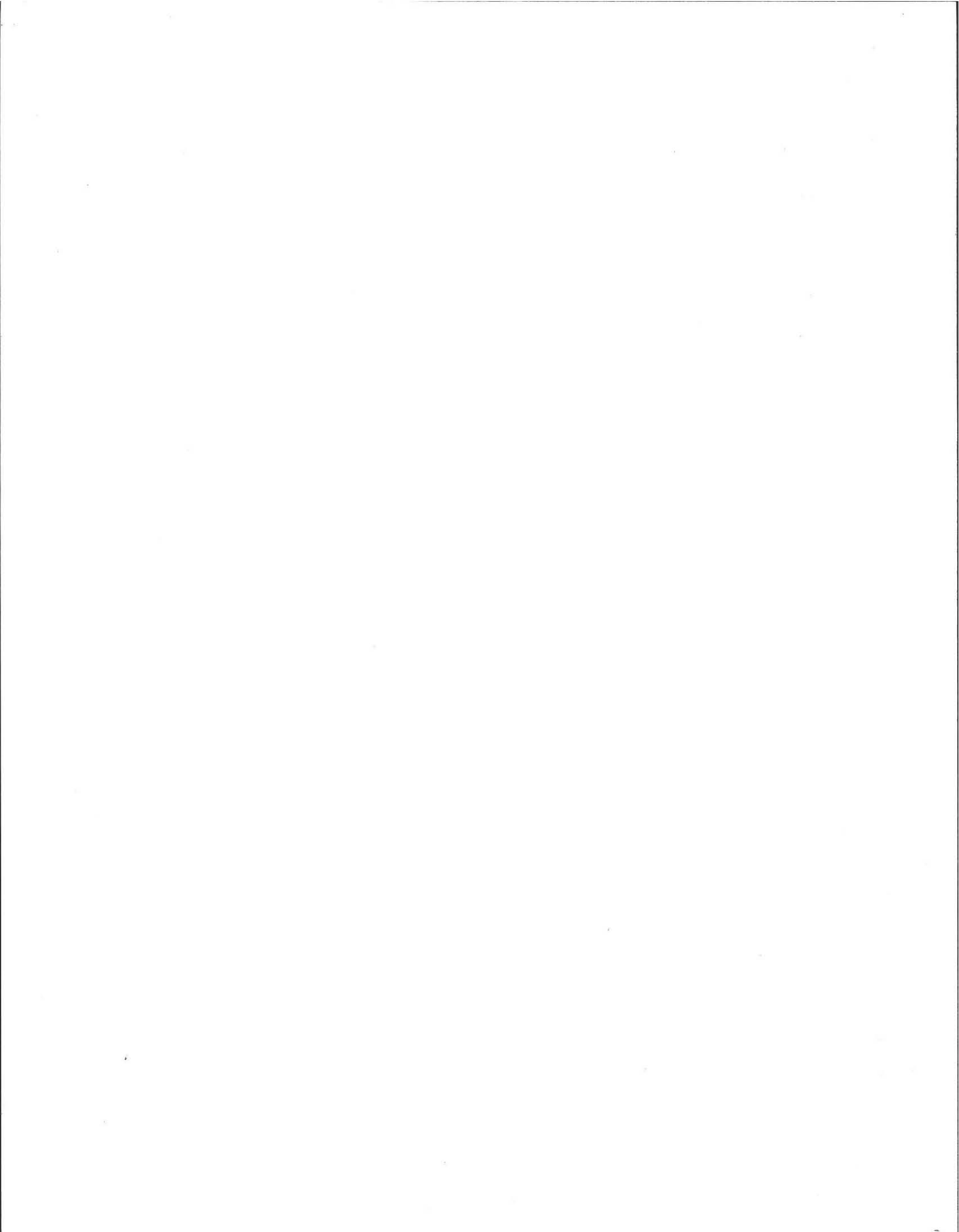
COMMENTS:

SKETCH PLAN

- INDICATES OBSERVATION HOLES
- INDICATES PERK TEST LOCATION

OBSERVATION HOLES





AMHERST HEALTH DEPARTMENT  
BANES COMMUNITY CENTER  
76 BOLTWOOD WALK  
AMHERST, MA 01002

SOIL EXAMINATIONS / PERCOLATION TESTS

JOB #

LOCATION OF PROP.:

LOT NO.:

DATE PERFORMED:

PERFORMED BY:

WITNESSED BY:

PERK TEST RESULTS: (tabulation on back)

1.

2.

3.

4.

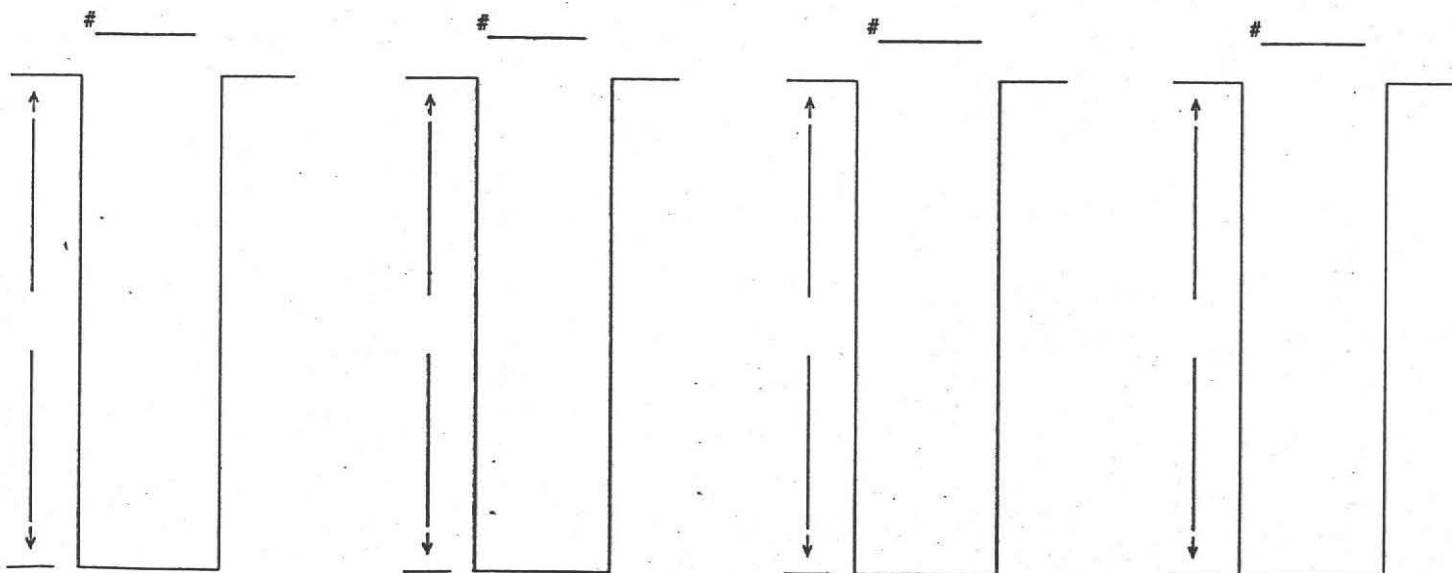
COMMENTS:

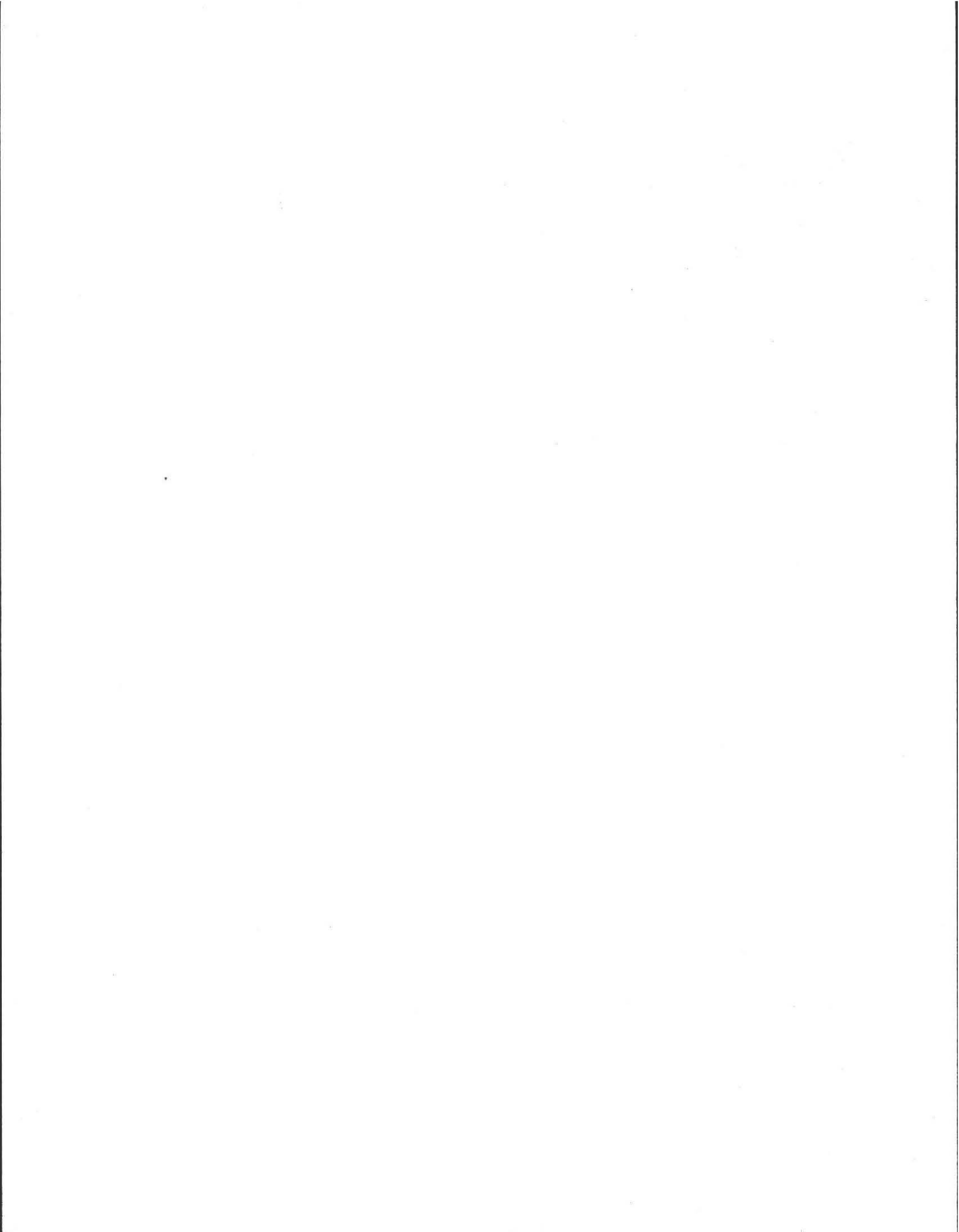
SKETCH PLAN

- INDICATES OBSERVATION HOLES

- INDICATES PERK TEST LOCATION

OBSERVATION HOLES







Town of

# AMHERST Massachusetts

Bettye Anderson Frederic, Director

**AMHERST HEALTH DEPARTMENT**  
70 BOLTWOOD WALK  
AMHERST, MA 01002-2128  
(413) 253-7077

Mr. Howard Kobin  
50 Fairview Avenue  
Northampton, MA 01060

Re: Subsurface sewage disposal system  
plan reviews  
East Leverett Road, Lots A-2, A-3, A-4

January 20, 1988

Dear Mr. Kobin,

This office has received subsurface sewage disposal system applications for lots A-2, A-3, and A-4, East Leverett Road.

A review of these plans has revealed the following:

Lot A-4

1. Soil log information submitted with the application does not show a minimum of six feet of naturally occurring pervious material in the proposed leaching system area (Town of Amherst supplemental regs.; reg.3).
2. Soil log information does not indicate to which lot this data corresponds

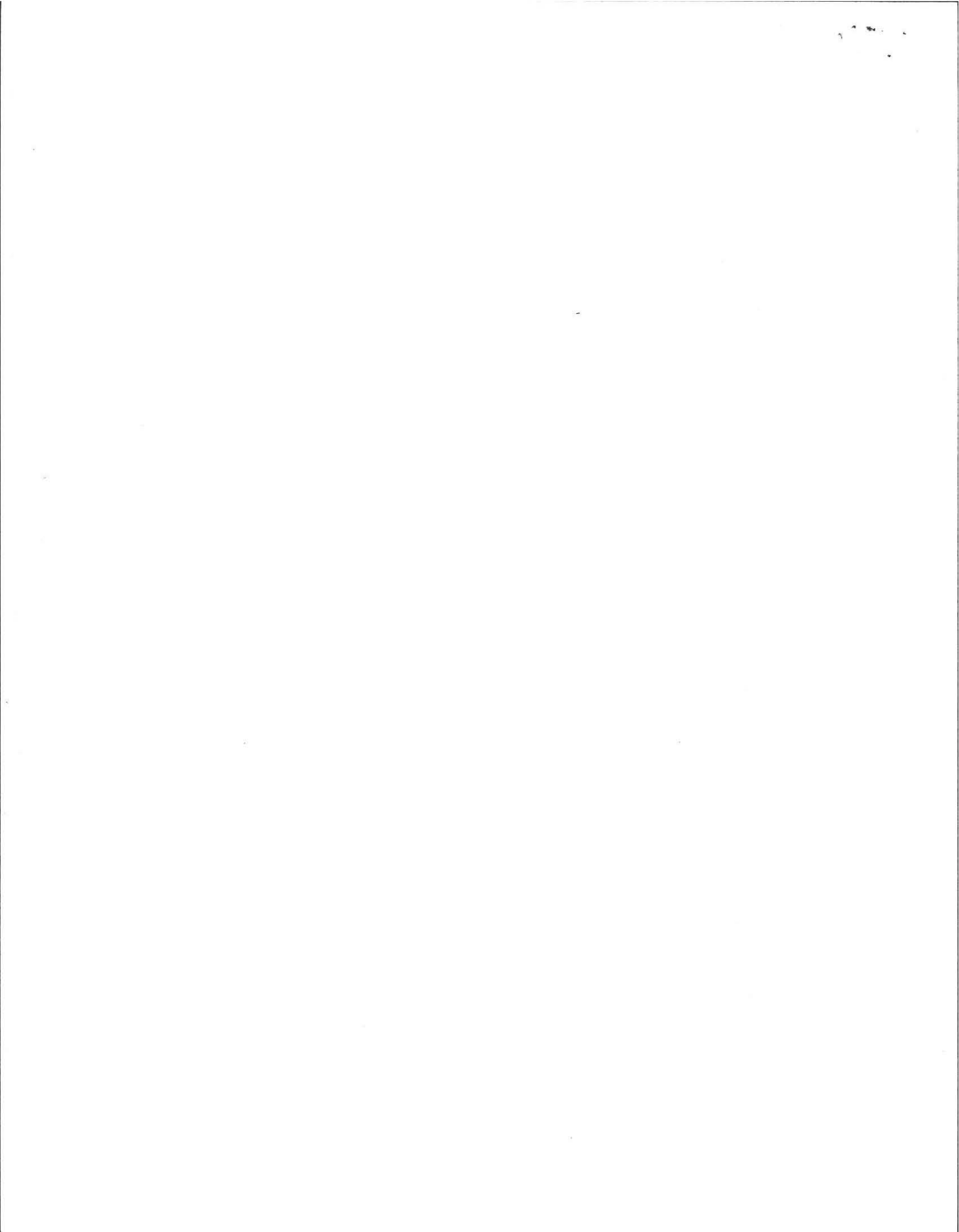
The test pit data is not identified either by lot designation or numbering sequence. In addition, a review of the original applications for these lots submitted October 21, 1987, revealed that the soil log information for lot A-4 was also submitted for Lot 2.

To resolve this matter, I would recommend that you have your engineers resubmit a copy of the preliminary plan of these lots with all of the deep test pits and percolation test pits located and identified.

3. Plan overview does not show proposed contours.

Lot A-2

1. Soil log information does not show a minimum of six feet of naturally occurring pervious material as required by Amherst Health Department regulations (see comments previous section).
2. Percolation test pit location not shown on plan.
3. Soil log information not adequately identified on plan.



Lot A-3

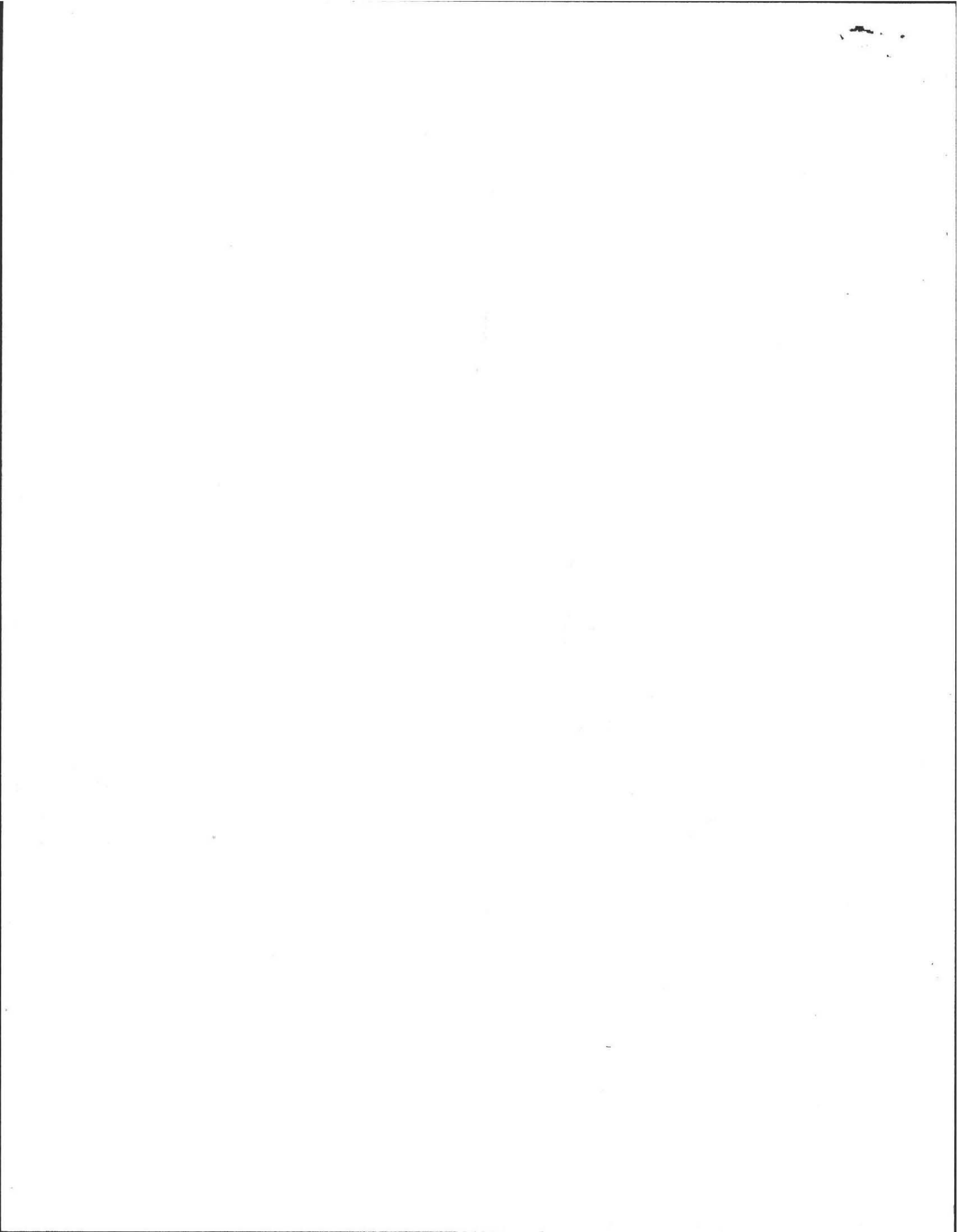
All Test pit information needs to be shown on plan.

Please contact me (office tel: 256-0731) if you have any questions relative to this matter.

Sincerely,

Dennis A. Pinski, C.H.O., R.S.  
Sanitarian

copy: office





No. 88-1

FEE 790.00

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

HEALTH DEPARTMENT  
Application for Disposal Works Construction Permit  
System at: Off East Leverett Rd.  
JAN 06 1987



Application for Disposal Works Construction Permit

Application hereby made for a Permit to Construct (✓) or Repair ( ) an Individual Sewage Disposal

Location - Address Off East Leverett Rd. or Lot No. A-4  
Owner Steven M. Rostas Address 406 So. Pleasant St., Amherst, MA

Type of Building \_\_\_\_\_ Address \_\_\_\_\_  
Size Lot 220, 170 Sq. feet  
Dwelling — No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (no)  
Other — Type of Building \_\_\_\_\_ No. of persons \_\_\_\_\_ Showers ( ) — Cafeteria ( )

Design Flow 5.5 gallons per person per day. Total daily flow 440 gallons.  
Septic Tank — Liquid capacity 1500 gallons Length 10.5' Width 5' Diameter \_\_\_\_\_ Depth 5'4"  
Disposal Trench ✓ No. 3 Width 2' Total Length 135' Total leaching area 135 sq. ft. sides  
Seepage Pit No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Total leaching area 270 sq. ft. Bottom  
Other Distribution box (✓) Dosing tank ( )  
Percolation Test Results Performed by Filios Enterprises, Inc. Date Dec. 3, 1987  
Test Pit No. 1 2 minutes per inch Depth of Test Pit 72" Depth to ground water 30"  
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Description of Soil Attached  
Nature of Repairs or Alterations — Answer when applicable \_\_\_\_\_

Agreement:  
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Signed Howard Koles Date 12-4-88

Application Approved By \_\_\_\_\_ Date \_\_\_\_\_  
Application Disapproved for the following reasons: \_\_\_\_\_  
Permit No. \_\_\_\_\_ 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

No. \_\_\_\_\_ FEE \_\_\_\_\_

Disposal Works Construction Permit

Permission is hereby granted Steven M. Rostas to Construct (✓) or Repair ( ) an Individual Sewage Disposal System at No. Lot A-4, off East Leverett Rd. as shown on the application for Disposal Works Construction Permit No. \_\_\_\_\_ Dated \_\_\_\_\_

DATE \_\_\_\_\_ Board of Health

CHECK OR FILL IN WHERE APPLICABLE

Town

Amherst

Steven M Restas  
Off East Leverett Rd

AM  
How do please St. Amherst, MA



Attached

Town

Amherst

Lot A-1, off East Leverett Rd

Town

Amherst

Lot A-1, off East Leverett Rd  
Steven M Restas

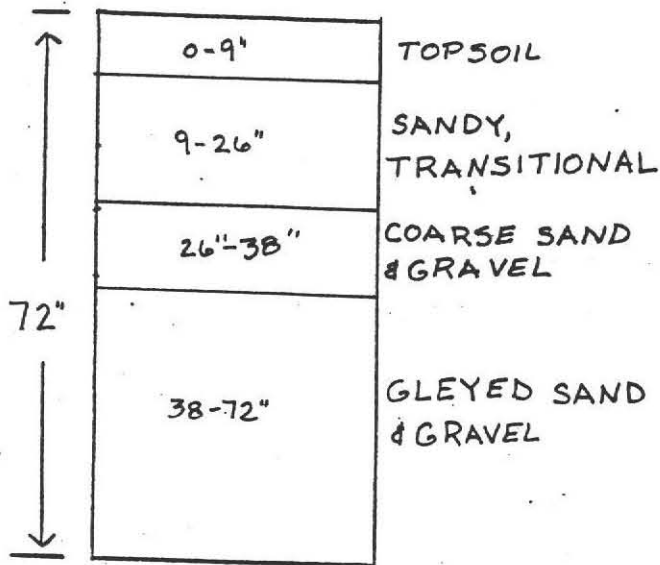
DEEP SOIL LOGS

OWNER Howard Robin

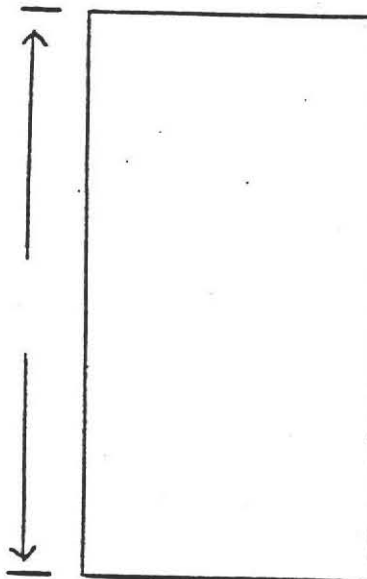
DATE December 3, 1986

LOCATION Site 2, East Leverett Rd, Amherst, MA.

OBSERVER F.A. Filios  
Charles Drake 12/3/86  
B of H Peter Kolodzig, 11/20/87

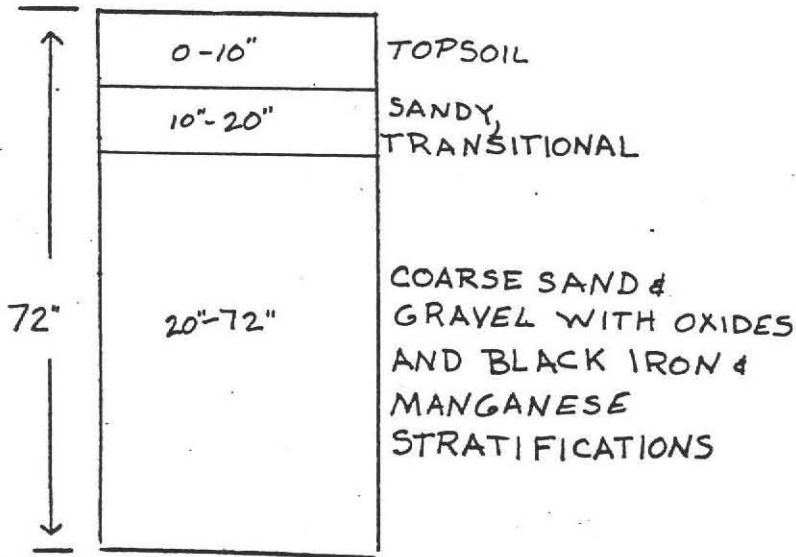


GROUND WATER 30"

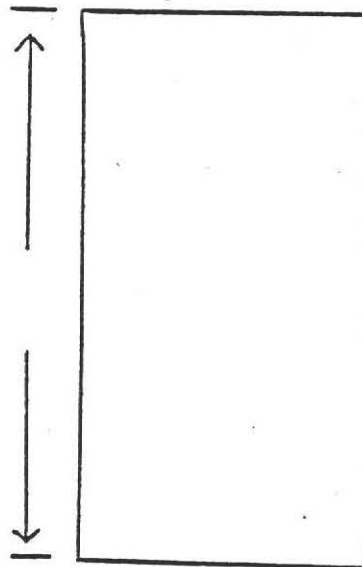


GROUND WATER \_\_\_\_\_

HEALTH DEPARTMENT  
JAN 06 1987



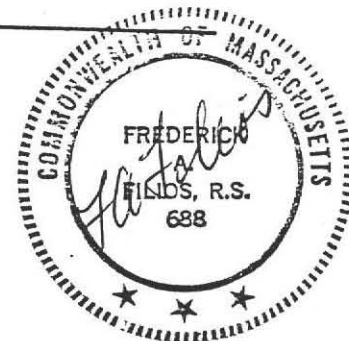
GROUND WATER none



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

PERCOLATION RATE AT 30":

< 2 min./inch



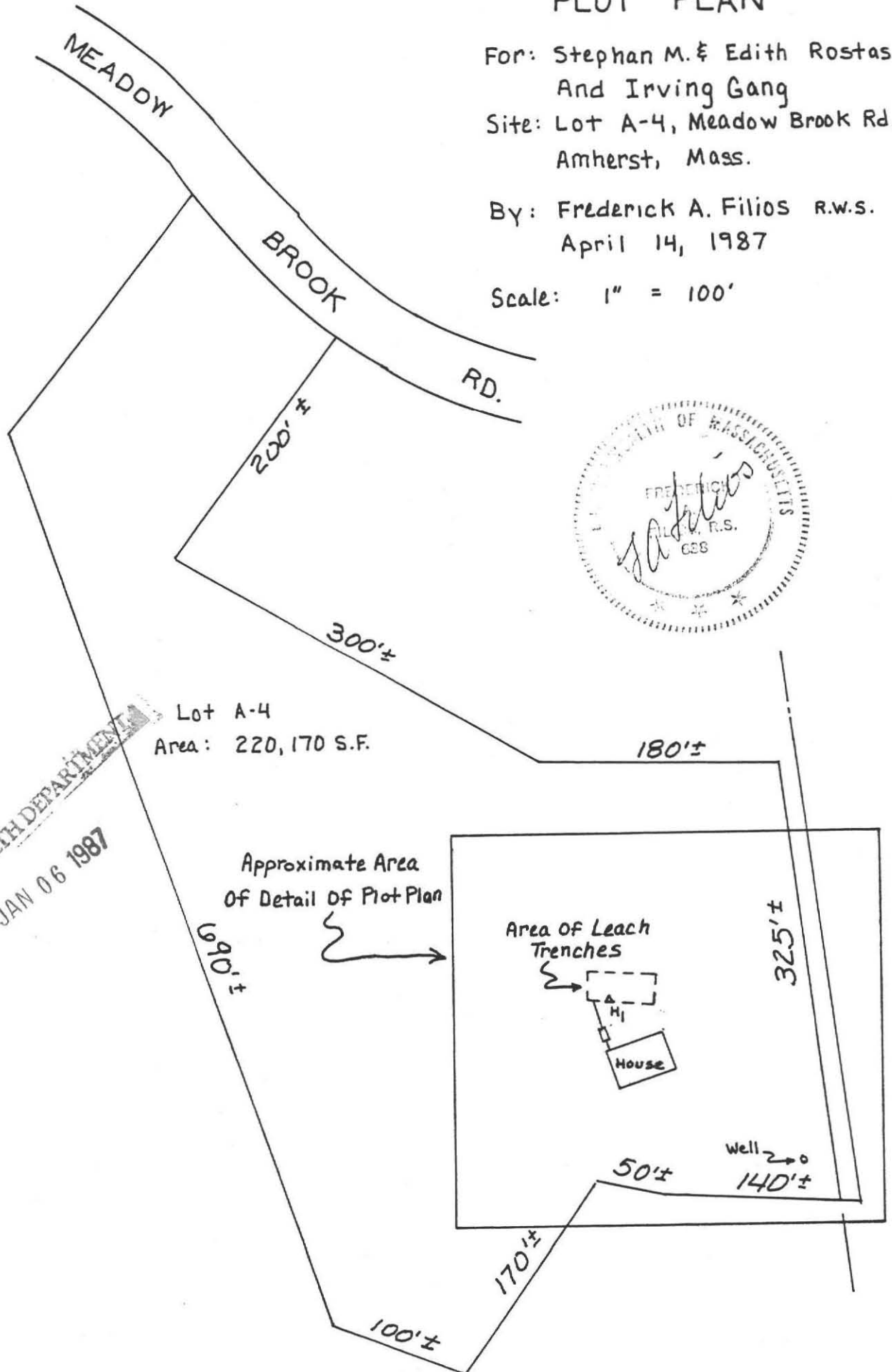
1000

# PLOT PLAN

For: Stephan M. & Edith Rostas  
And Irving Gang  
Site: Lot A-4, Meadow Brook Rd.  
Amherst, Mass.

By: Frederick A. Filios R.W.S.  
April 14, 1987

Scale: 1" = 100'



Lot A-4  
Area: 220,170 S.F.

HEALTH DEPARTMENT  
JAN 06 1987



Approximate Area  
Of Detail Of Plot Plan

Area of Leach  
Trenches

H<sub>1</sub>

House

Well 20





# PLAN SHOWING SEWAGE DISPOSAL

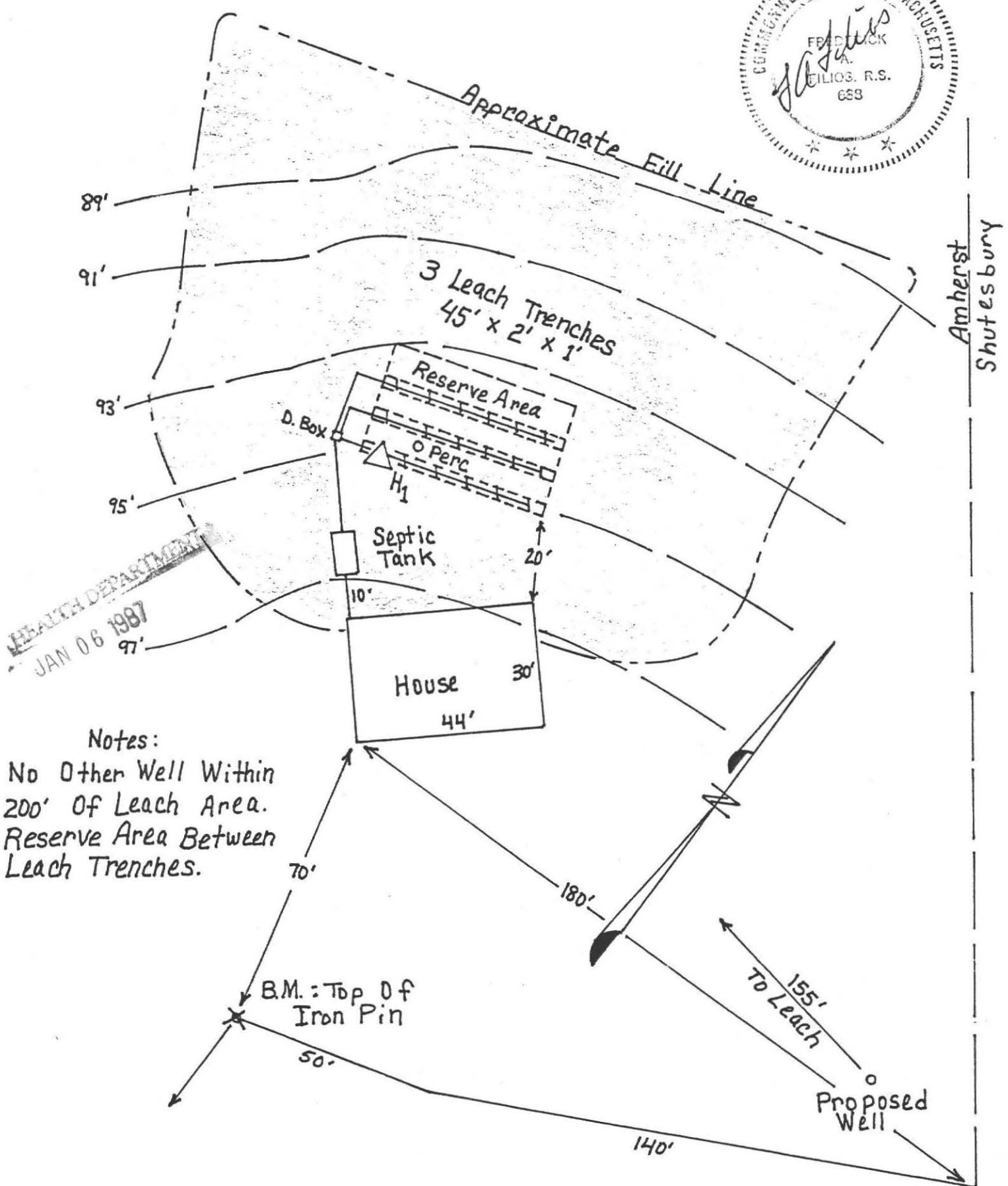
Detail

For: Stephan + Edith Rostas  
And Irving Gang  
466 S. Pleasant St., Amherst, MA

By: Frederick A. Filios  
April 14, 1987 R.W.S.  
Scale: 1" = 30'

Site: Lot A-4 E. Leverett Rd.  
Amherst, Mass.

Lot A-4 : 220,170 S.F.



Notes:  
No Other Well Within  
200' Of Leach Area.  
Reserve Area Between  
Leach Trenches.

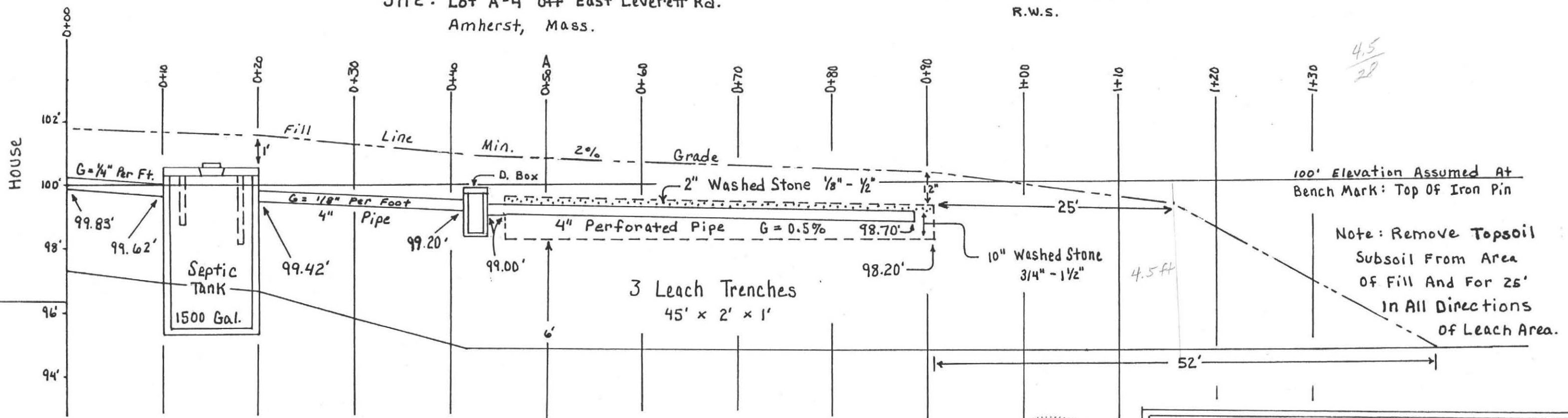




# PROFILE OF SEPTIC SYSTEM

For: Stephan & Edith Rostas  
 466 South Pleasant St., Amherst, MA  
 Site: Lot A-4 Off East Leverett Rd.  
 Amherst, Mass.

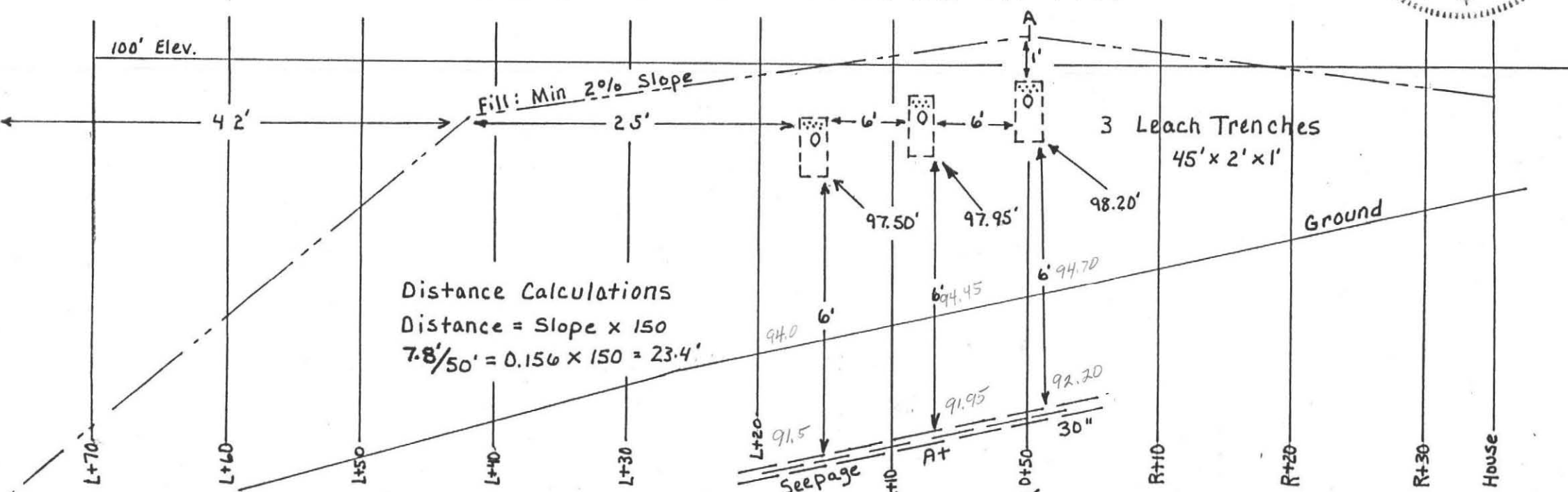
By: Frederick A. Filios  
 Revised: April 9, 1987  
 R.W.S.



Seepage @ 30"



## CROSS-SECTION OF TRENCHES AT A-A'



Distance Calculations  
 Distance = Slope x 150  
 $7.8/50' = 0.156 \times 150 = 23.4'$

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

CALCULATIONS  
 4 Bedrooms @ 110 Gal/Day = 440 Gal Demand  
 Perc Rate: 2 Minutes Per Inch  
 Soil Loading: Sides: 2.5 Gal/Sq. Ft.; Btm: 1.0 Gal/SF  
 3 Leach Trenches: 45' x 2' x 1'  
 Sides: 45' x 3 Tr.s = 135 S.F. x 2.5 = 337  
 Bottom: (45' x 2') 3 = 270 S.F. x 1.0 = 270  
 Total Available Capacity: 607 Gallons

SPECIFICATIONS  
 All Materials And Construction  
 Will Be In Accordance With  
 Comm. Of Mass. D.E.R.E. State  
 Environmental Code Title V.

HEALTH DEPARTMENT  
JAN 06 1987