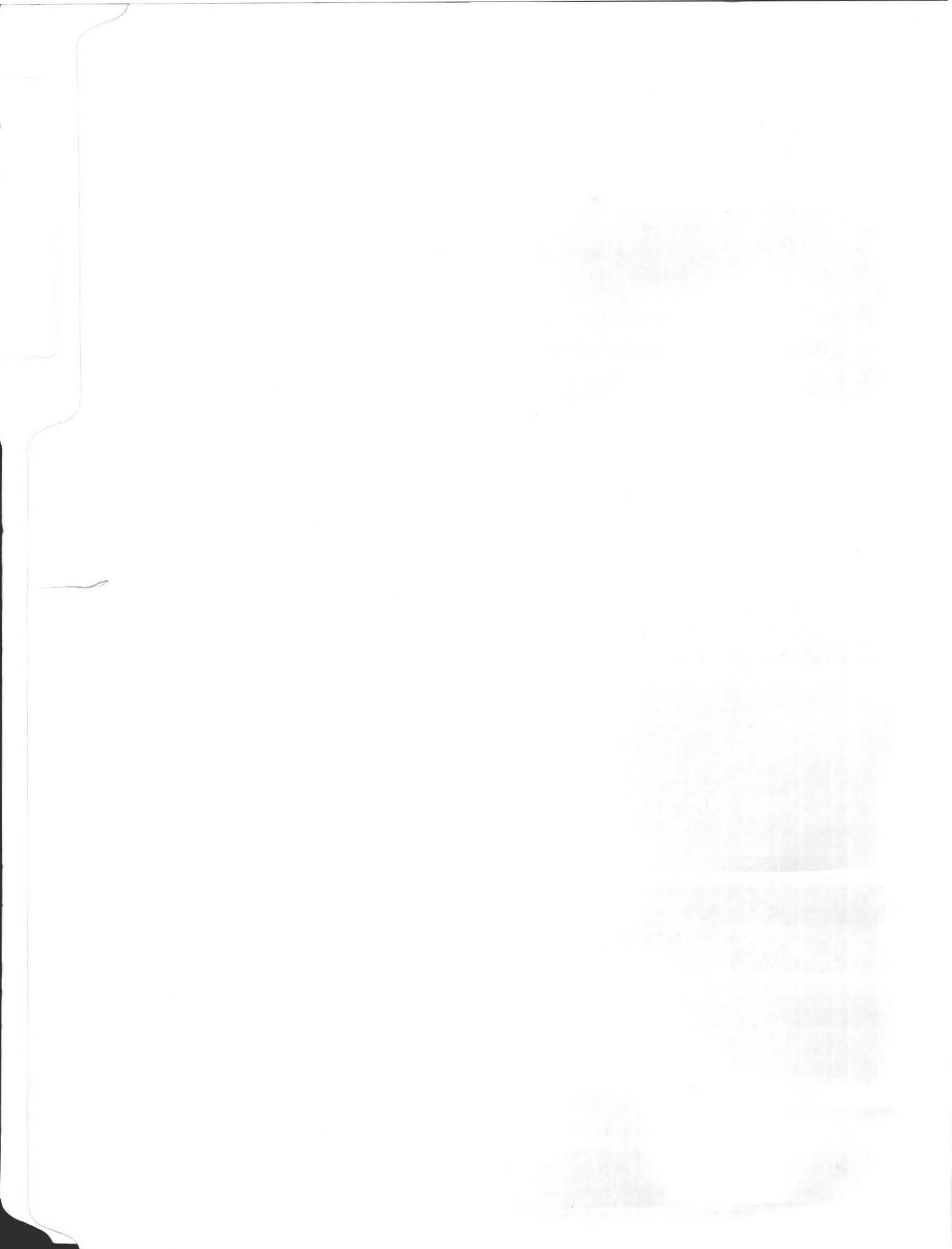


88-2

MEADOW BROOK ROAD Lot A-2

pendings



No. 882

FEB 1987

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH
TOWN OF AMHERST



HEALTH DEPARTMENT
MAY 06 1987

Application for Disposal Works Construction Permit

Individual Sewage Disposal

Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal System at:

Meadow Brook Road

Lot A-2

Howard Kabin
Location - Address
Owner

50 Fairview Ave. Northampton, MA.
or Lot No.
Address

Type of Building
Dwelling — No. of Bedrooms 4 Expansion Attic () Garbage Grinder (✓)
Other — Type of Building _____ No. of persons _____ Showers () — Cafeteria ()
Other fixtures _____

Design Flow 87.5 gallons per person per day. Total daily flow 660 gallons.

Septic Tank — Liquid capacity 1500 gallons Length 10 1/2 Width 5 Diameter _____ Depth 5

Disposal Trench — No. 3 Width 3 Total Length 105 Total leaching area 210 sq. ft. Sides

Seepage Pit No. _____ Diameter _____ Depth below inlet _____ Total leaching area 31.5 sq. ft. Bottom

Other Distribution box () Dosing tank ()

Percolation Test Results Performed by Filios Enterprises Inc. Date 12/3/86

Test Pit No. 1 2 minutes per inch Depth of Test Pit 84" Depth to ground water 72"

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 Howard Kabin 1-9-88
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 _____ 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 _____

CHECK OR FILL IN WHERE APPLICABLE

1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910

DEEP SOIL LOGS

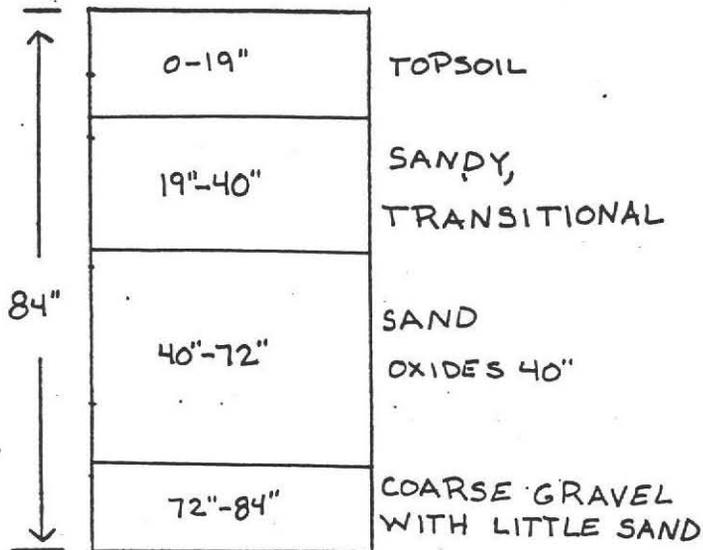
OWNER Howard Robin

DATE December 3, 1986

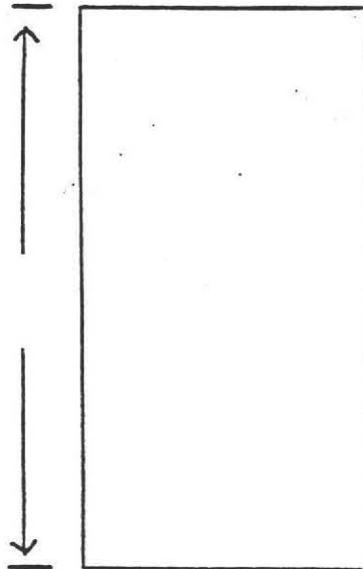
LOCATION Site 3, East Leverett Rd,
Amherst, MA. (A-2)

OBSERVER F.A. Filios

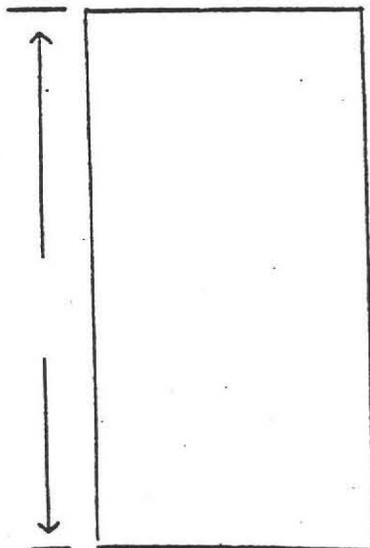
B of H Charles Drake



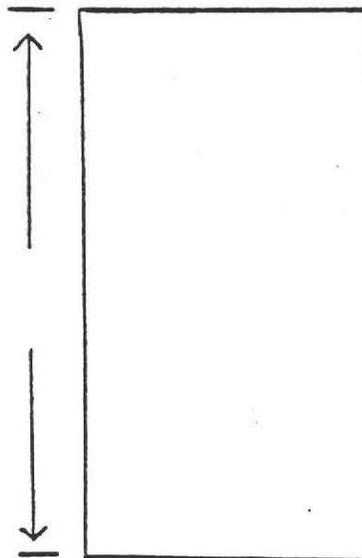
GROUND WATER 72"



GROUND WATER _____



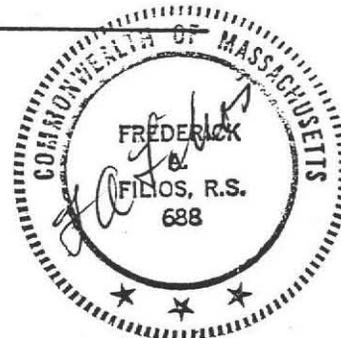
GROUND WATER _____

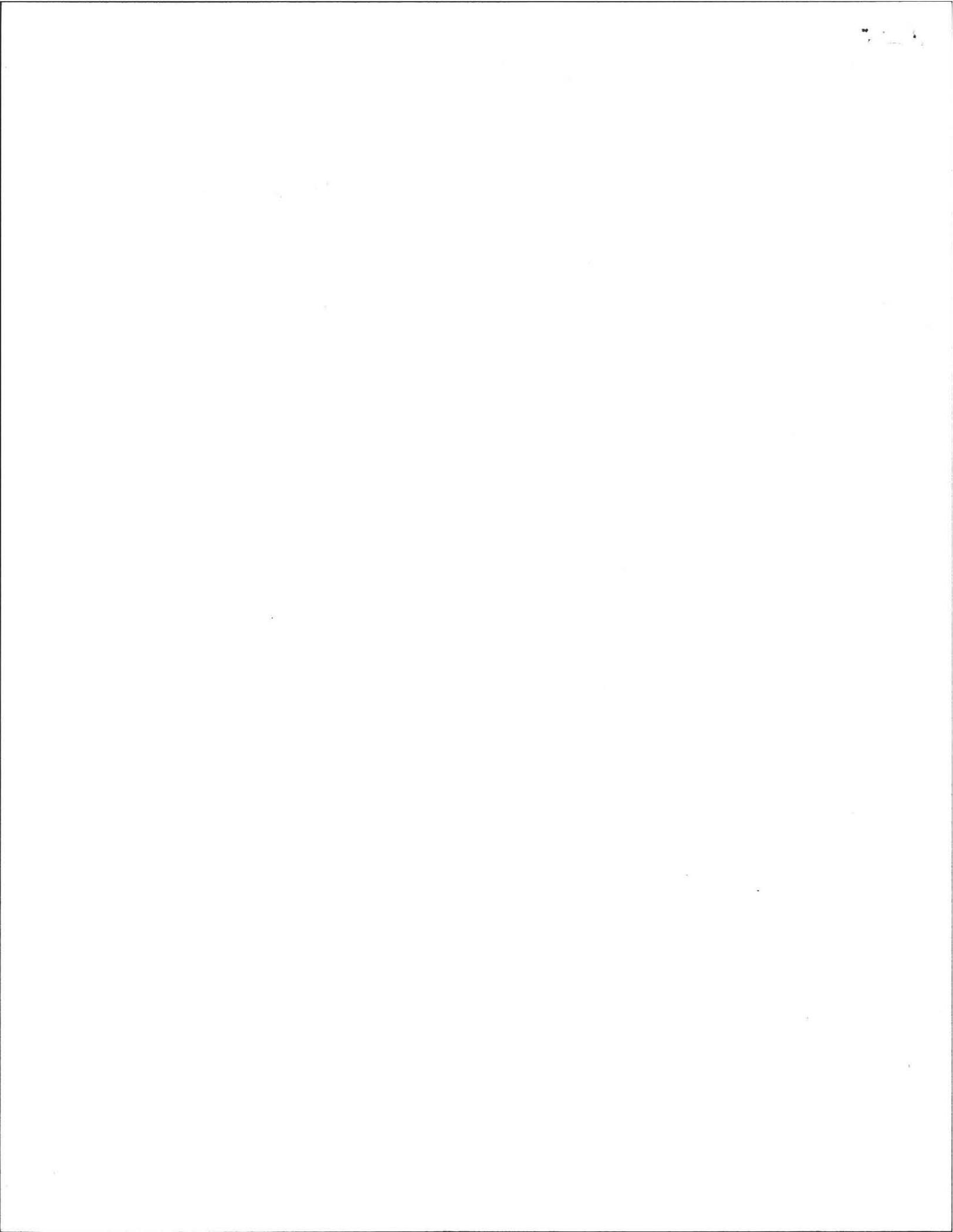


GROUND WATER _____

PERCOLATION RATE AT 43" :

< 2 min./inch





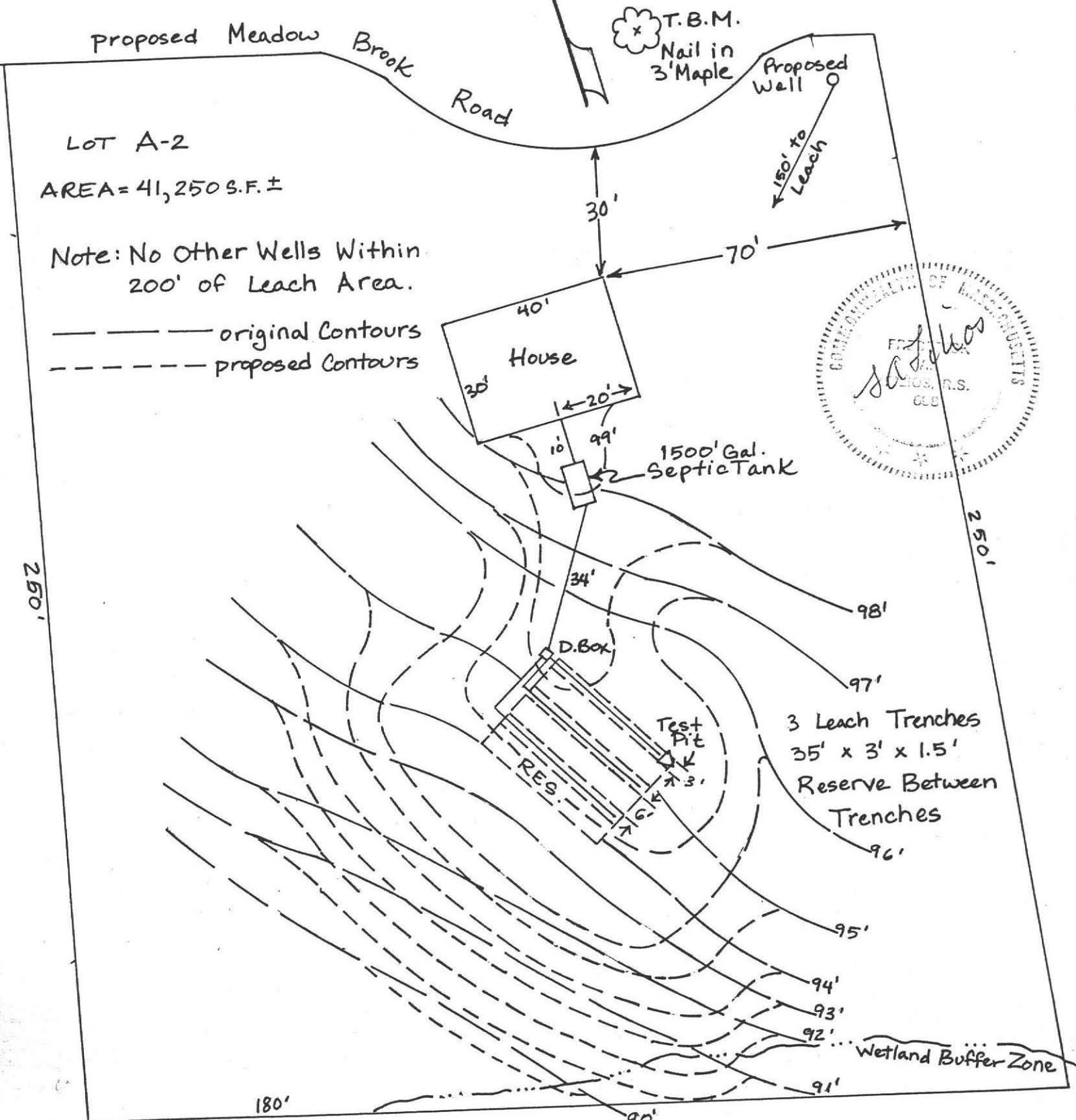
PLAN SHOWING SEWAGE DISPOSAL SYSTEM

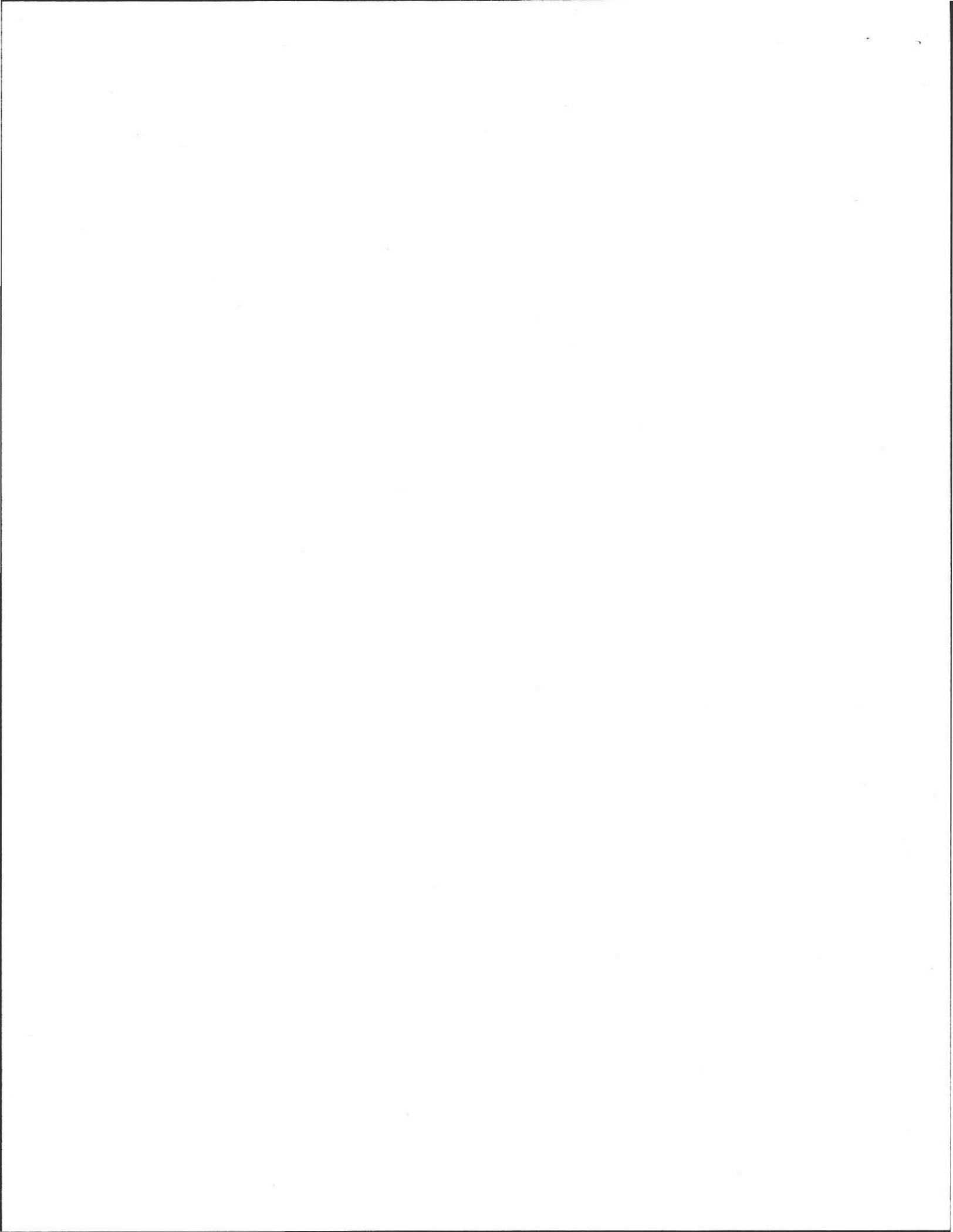
FOR: Steven M. Rostas
 466 So. Pleasant St.
 Amherst, MA 01002

BY: FILIOS ENTERPRISES, INC.
 69 PELHAM RD.
 AMHERST, MA. W.T./R.S.

SITE: MEADOW BROOK ROAD
 OFF EAST LEVERETT RD.
 AMHERST, MA.

SCALE: 1" = 30'
 DATE: DEC 30, 1987

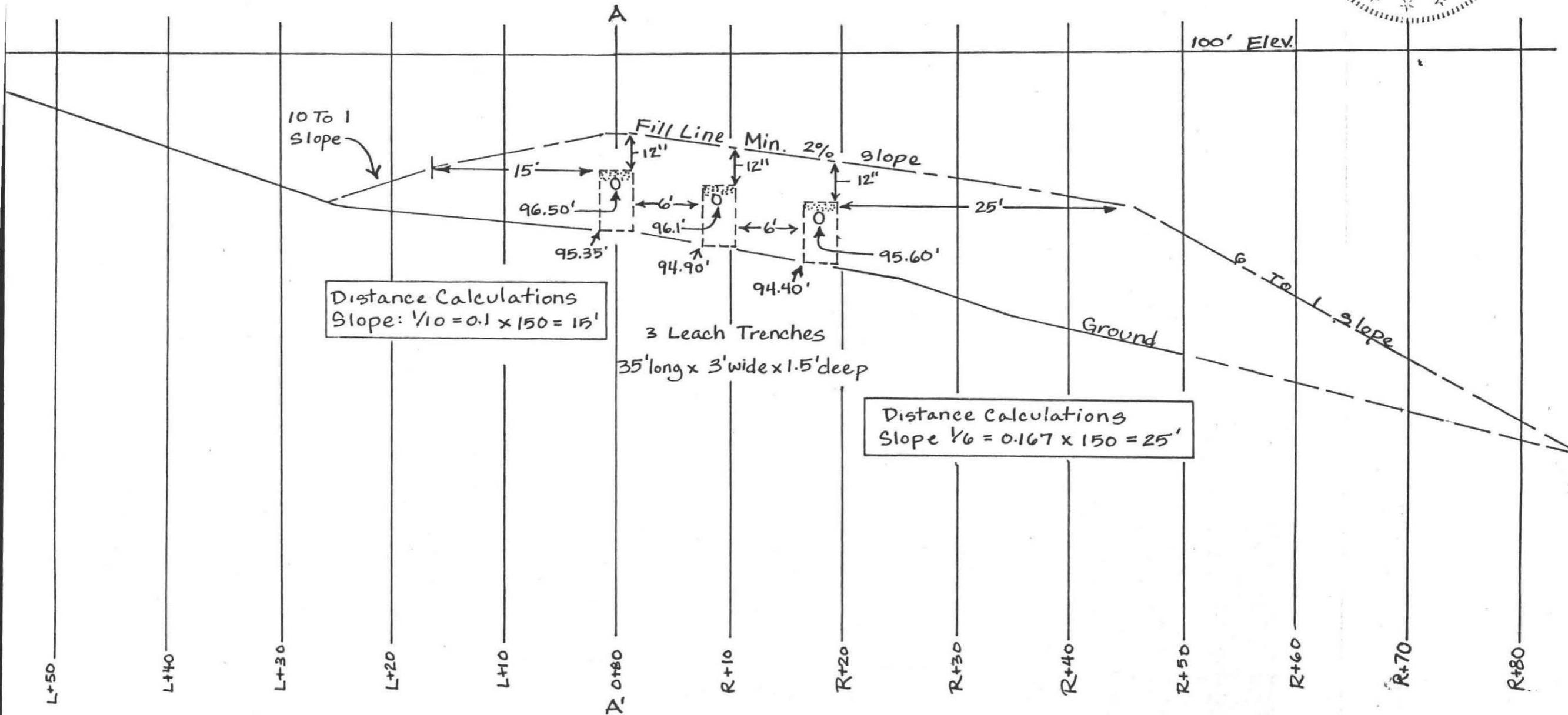


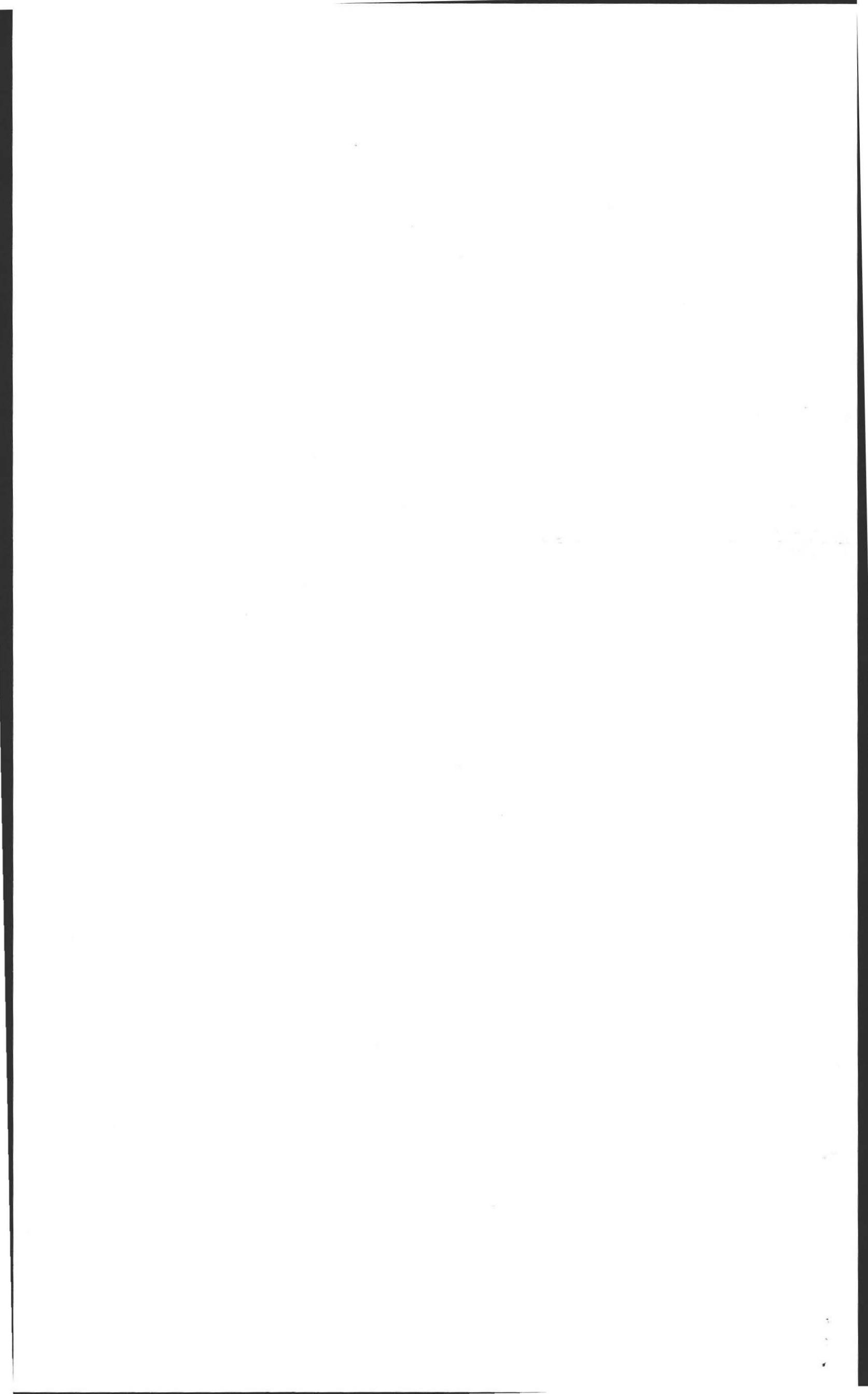


CROSS-SECTION OF TRENCHES AT A-A'

For: Steven M. Rostas
 466 South Pleasant St.
 Amherst, MA 01002
 Site: Lot A-2, Off E. Leverett Rd.

FILIOS ENTERPRISES, INC.
 January 5, 1988 W.T./R.S.
 Scale: Horizontal 1" = 10'
 Vertical 1" = 3'



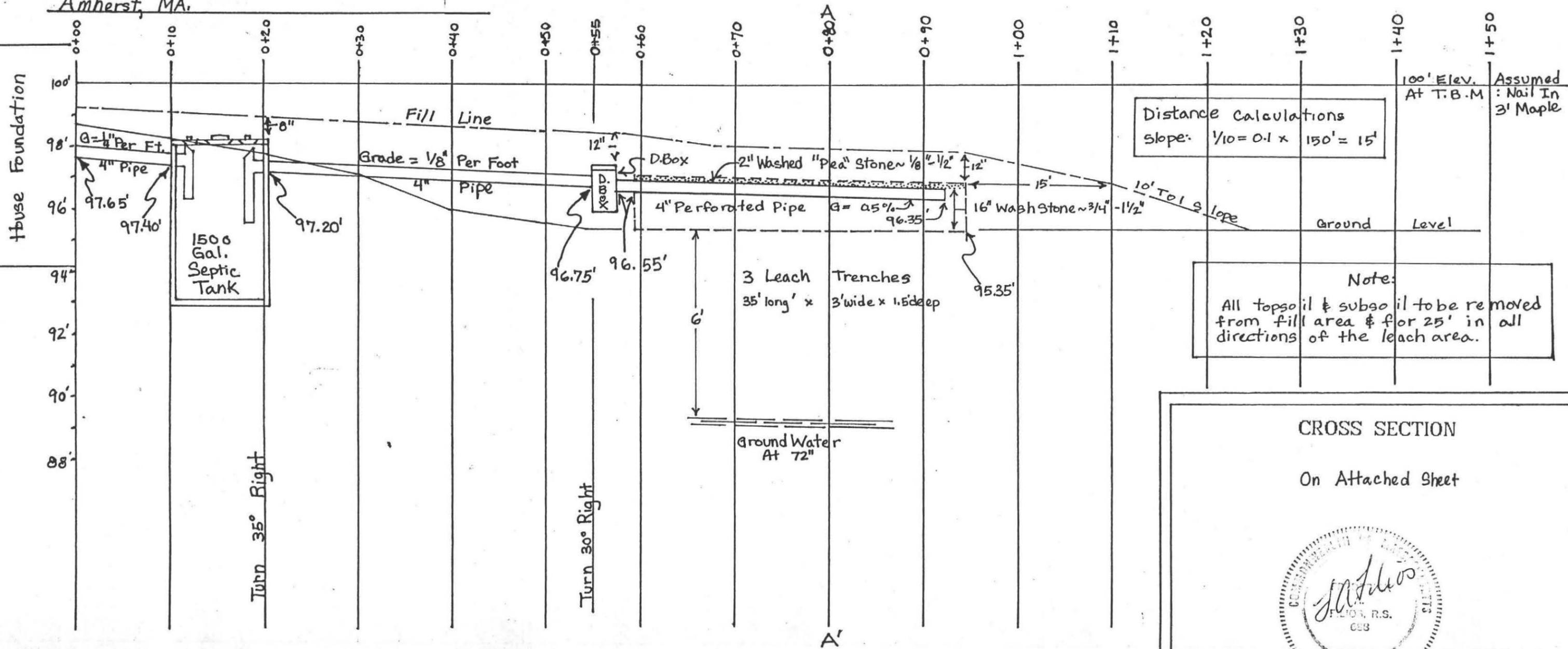


PROFILE OF SEPTIC SYSTEM

BY: FILIOS ENTERPRISES INC.
69 PELHAM RD.
AMHERST MA 01002
W.T. / R.W.S.

DATE: January 4, 1988
SCALE: Horizontal 1" = 10'
Vertical 1" = 3'

FOR: Steven M. Rostas
SITE: 466 So. Pleasant St., Amherst, MA. 01002
LOT A-2 Meadow Brook Road
Amherst, MA.



SPECIFICATIONS

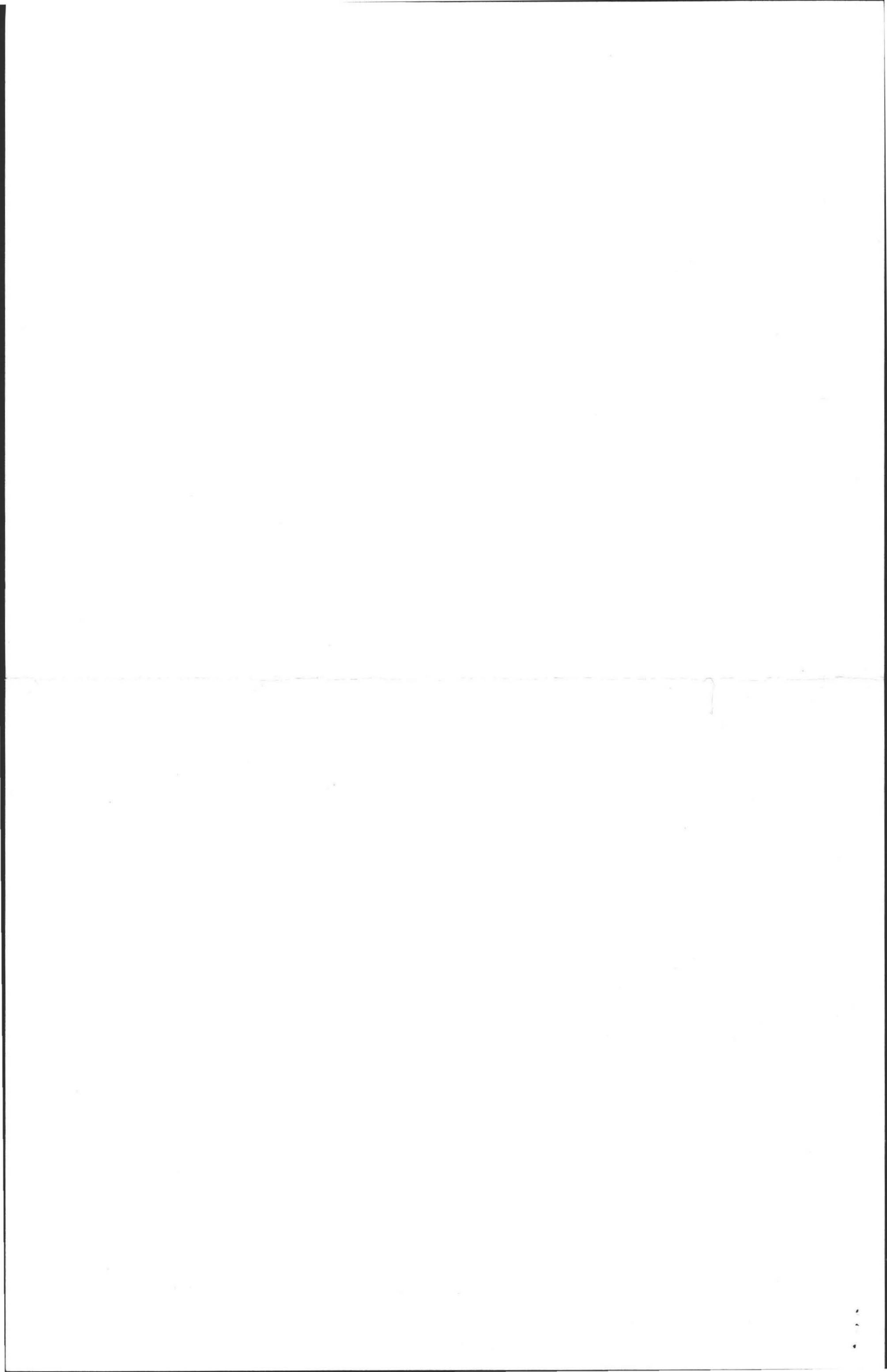
All materials and construction will be in accordance with Commonwealth of MA D. E. Q. E. State Environmental Code Title 5.1

CALCULATIONS

Design flow: 4 Bdrms + garbage grinder = 660 Gal.s
 Perc. rate: 2 min/in. allows sides: 2.5 gal/ft²; Btm = 1 gal/ft²
 3 Trenches: 35' long x 3' wide x 1' below inlet
 Sidewall: (35' x 2') 3 Tr.s = 210 ft² x 2.5 = 525 gal.s
 Bottom area: (35' x 3') 3 Tr.s = 315 ft² x 1 = 315 gal.s
 Total available daily flow: 840 gal.s

CROSS SECTION
On Attached Sheet





No. 87-2

FEE 191.00

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

HEALTH DEPARTMENT
1988

Application for Disposal Works Construction Permit



Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal System at:

Meadow Brook Road Location - Address Lot A-2 or Lot No.

Howard Robin Owner 50 Fairview Ave. Northampton, MA. Address

Type of Building _____ Installer _____ Address _____
Size Lot 41,250 Sq. feet

Dwelling - No. of Bedrooms 4 Expansion Attic () Garbage Grinder (X)

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

Other fixtures _____

Design Flow 87.5 gallons per person per day. Total daily flow 660 gallons.

Septic Tank - Liquid capacity 1500 gallons Length 10.5' Width 5' Diameter _____ Depth 5'

Disposal Trench - No. 3 Width 3' Total Length 10.5' Total leaching area 210 sq. ft. Sides

Seepage Pit No. _____ Diameter _____ Depth below inlet _____ Total leaching area 31.5 sq. ft. Bottom

Other Distribution box () Dosing tank ()

Percolation Test Results Performed by Filius Enterprises Inc. Date 12/3/86

Test Pit No. 1 2 minutes per inch Depth of Test Pit 84" Depth to ground water 72"

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 Howard Robin 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

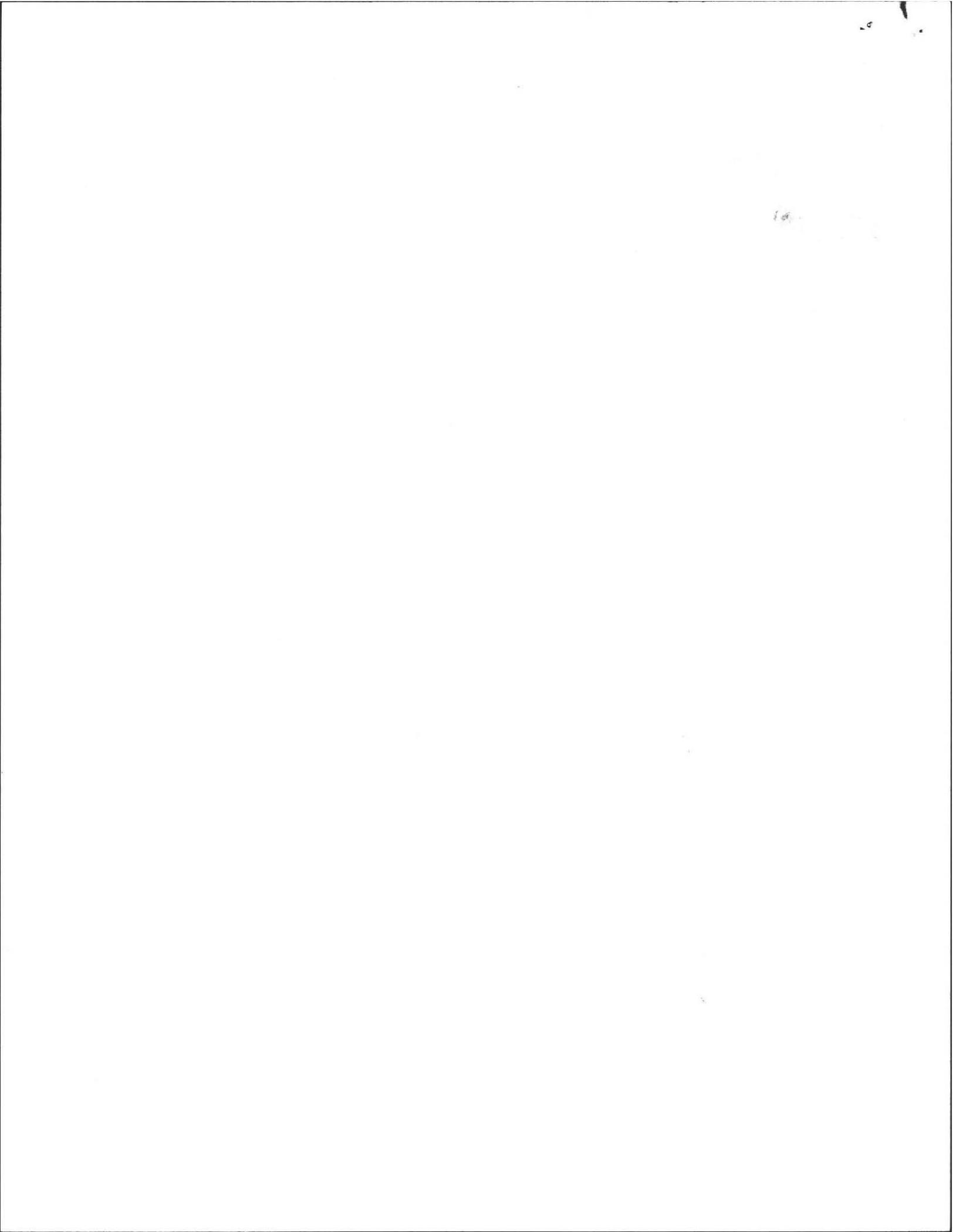
THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired () by _____ Installer _____

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 _____ Inspector _____

CHECK OR FILL IN WHERE APPLICABLE



DEEP SOIL LOGS

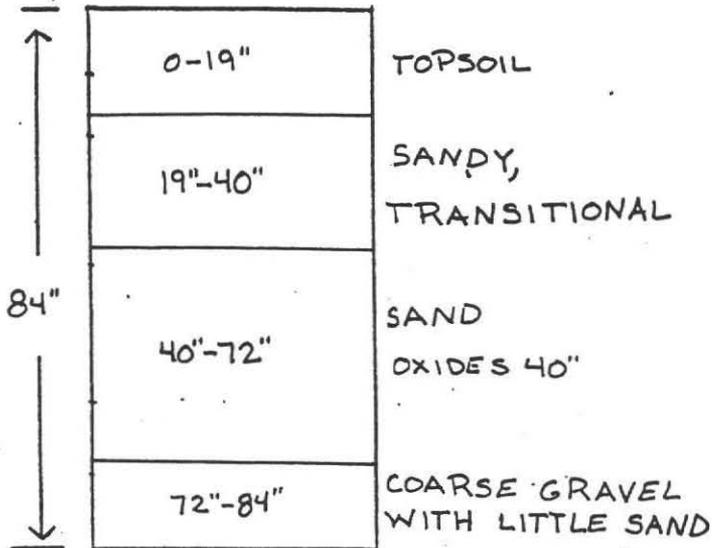
OWNER Howard Robin

DATE December 3, 1986

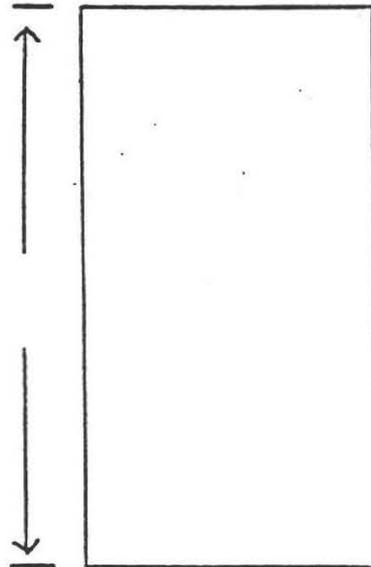
LOCATION Site 3, East Leverett Rd,
Amherst, MA. (A-2)

OBSERVER F.A. Filios

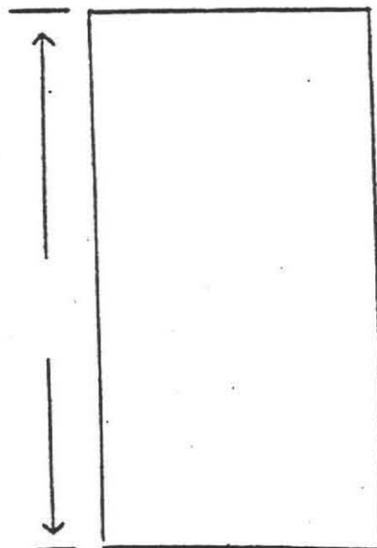
B of H Charles Drake



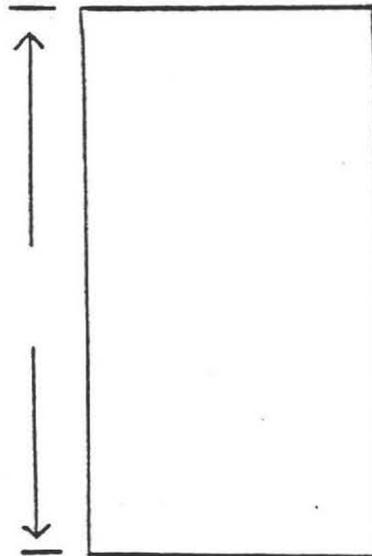
GROUND WATER 72"



GROUND WATER _____



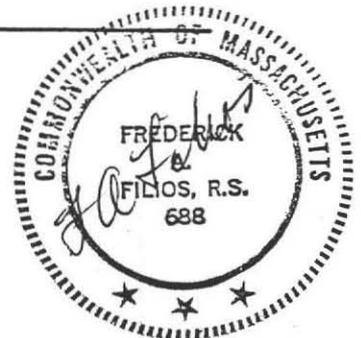
GROUND WATER _____

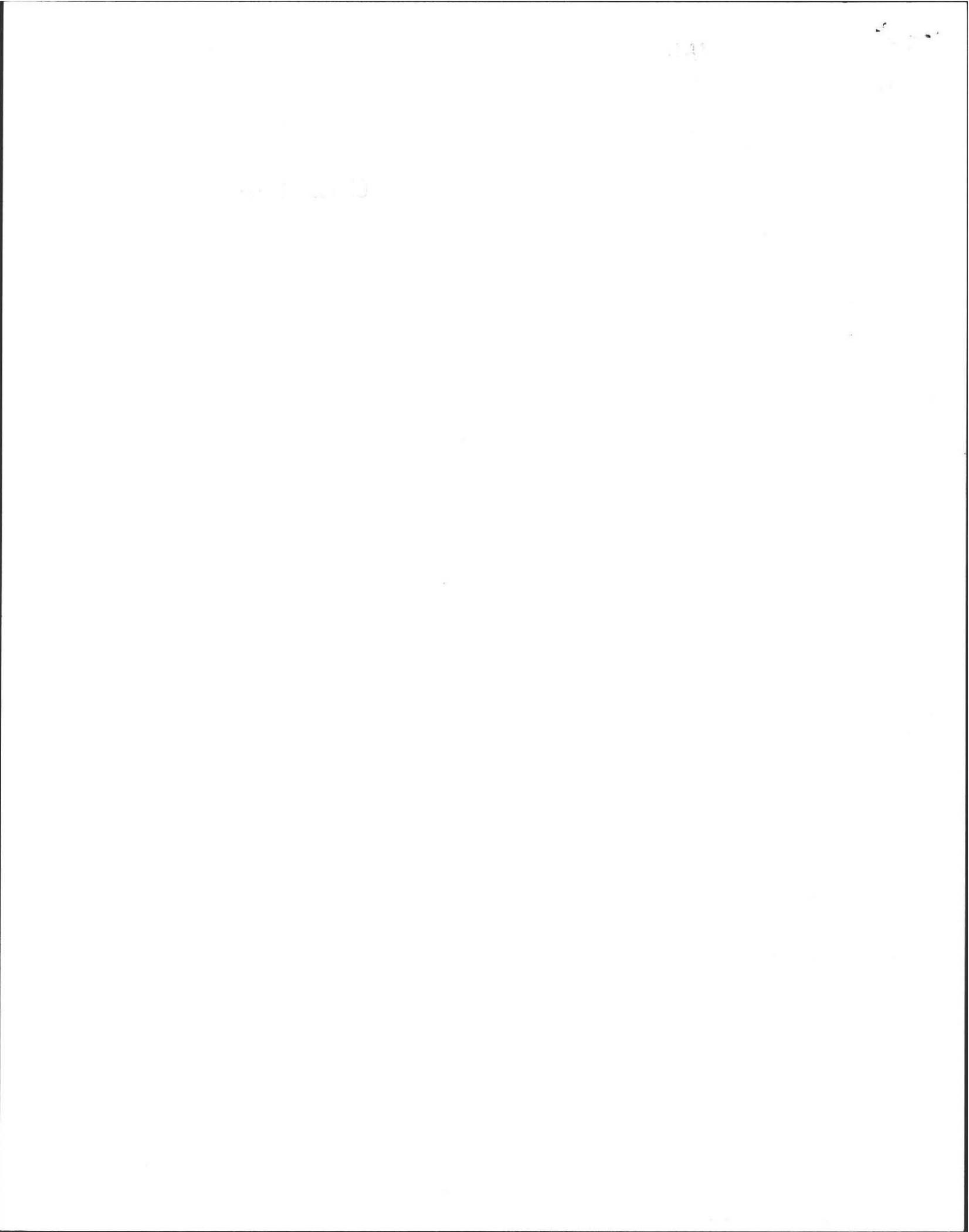


GROUND WATER _____

PERCOLATION RATE AT 43" :

< 2 min./inch





PLAN SHOWING SEWAGE DISPOSAL SYSTEM

FOR: HOWARD KOBIN
50 FAIRVIEW AVENUE
NORTHAMPTON, MA.

SITE: "MEADOW BROOK ROAD"
OFF EAST LEVERETT RD.
AMHERST, MA.

BY: FILIOS ENTERPRISES, INC.
69 PELHAM RD.

AMHERST, MA. 01002 w.r.

SCALE: 1" = 30' - 00"

DATE: DEC. 21, 1987



MEADOW BROOK ROAD

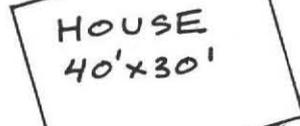
LOT A2

AREA = 41,250 sq. ft.



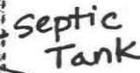
250'±

250'±



30'

70'



98'

97'

96'

95'

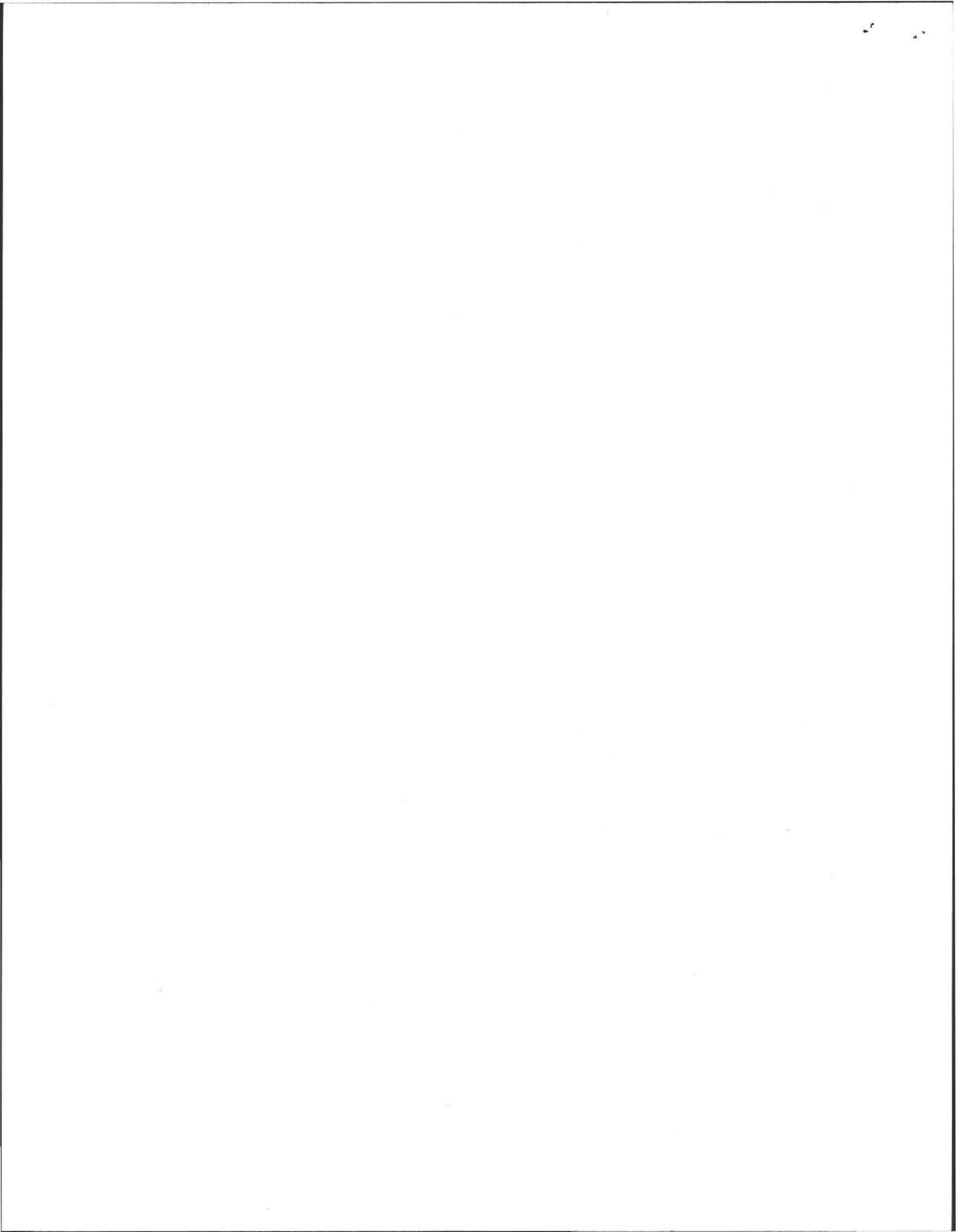
94'

3 Trenches
35' long x 3' wide
x 1.5' deep

FILL

WETLAND Buffer Zone

180'±



PLAN SHOWING SEWAGE DISPOSAL SYSTEM

FOR: Steven M. Rostas
466 So. Pleasant St.
Amherst, MA 01002

SITE: MEADOW BROOK ROAD
OFF EAST LEVERETT RD.
AMHERST, MA.

BY: FILIOS ENTERPRISES, INC.
69 PELHAM RD.
AMHERST, MA. W.T./R.S.

SCALE: 1" = 30'
DATE: DEC 30, 1987

Proposed Meadow Brook Road

T.B.M.
Nail in
3' Maple

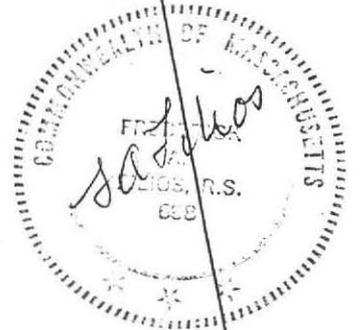
Proposed Well

150' to Leach

LOT A-2
AREA = 41,250 S.F. ±

Note: No Other Wells Within
200' of Leach Area.

— — — — — original Contours
- - - - - proposed Contours



House

1500' Gal. Septic Tank

D.Box

Test Pit

RES.

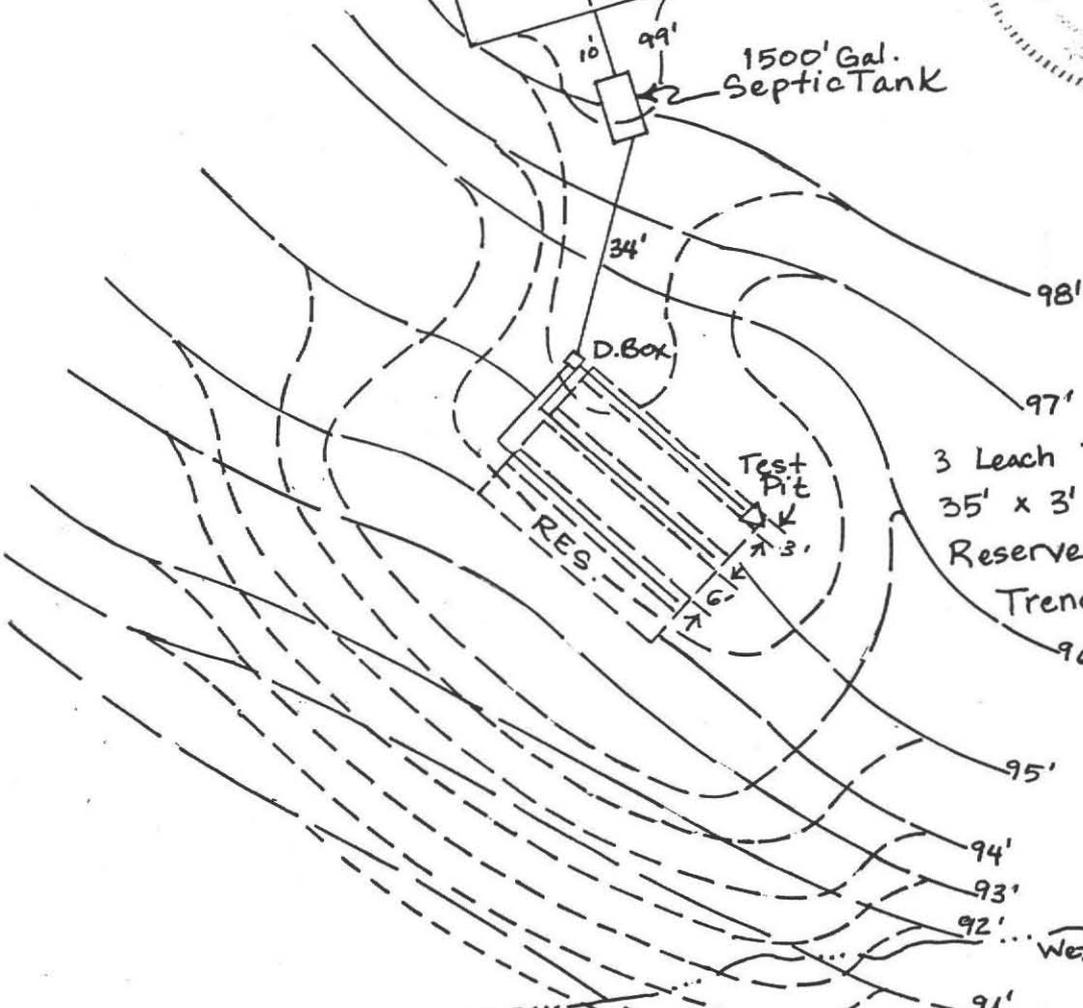
3 Leach Trenches
35' x 3' x 1.5'
Reserve Between
Trenches

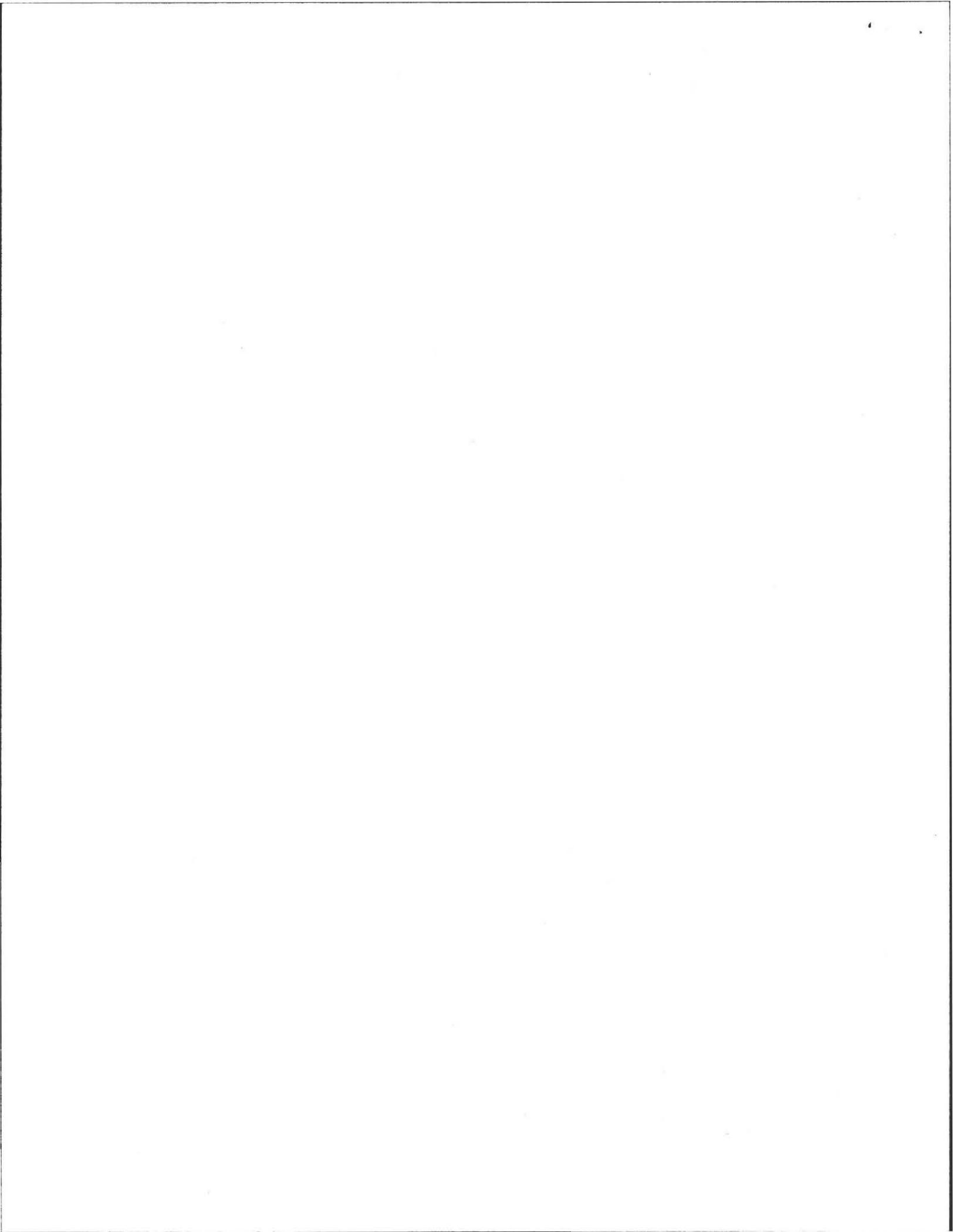
Wetland Buffer Zone

250'

250'

180'

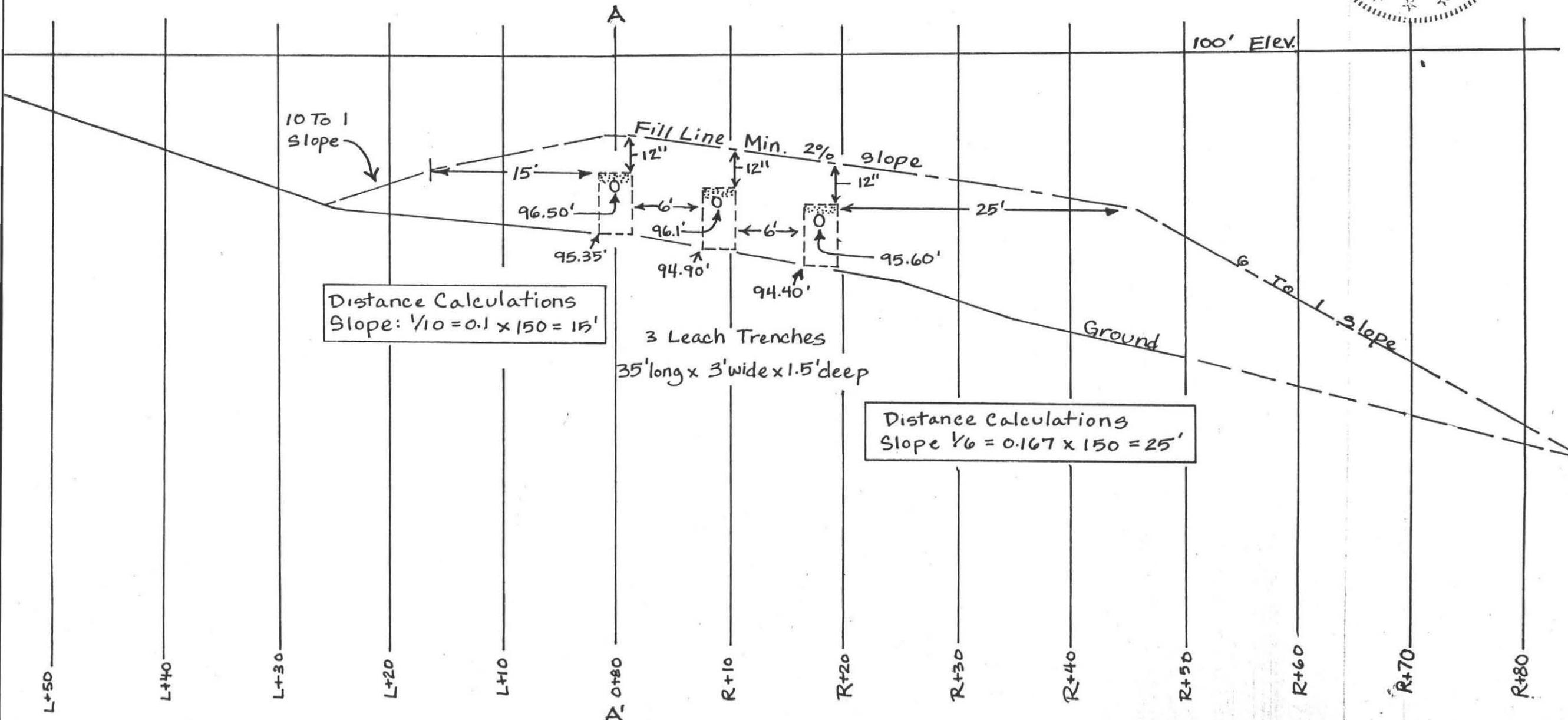




CROSS-SECTION OF TRENCHES AT A-A'

For: Steven M. Rostas
 466 South Pleasant St.
 Amherst, MA 01002
 Site: Lot A-2, Off E. Leverett Rd.

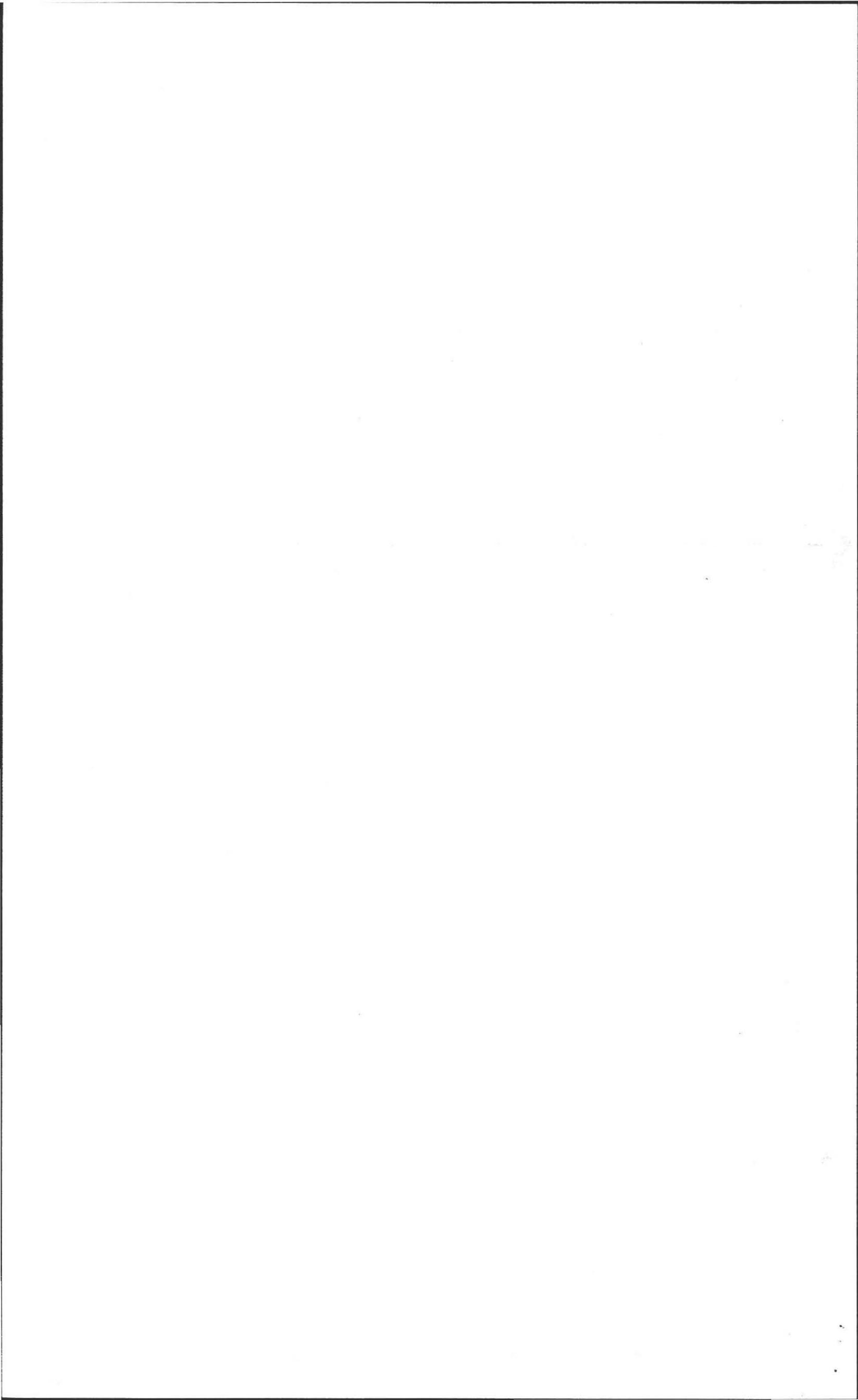
FILIOS ENTERPRISES, INC.
 January 5, 1988 W.T./R.S.
 Scale: Horizontal 1" = 10'
 Vertical 1" = 3'



Distance Calculations
 Slope: $\frac{1}{10} = 0.1 \times 150 = 15'$

Distance Calculations
 Slope $\frac{1}{6} = 0.167 \times 150 = 25'$

3 Leach Trenches
 35' long x 3' wide x 1.5' deep

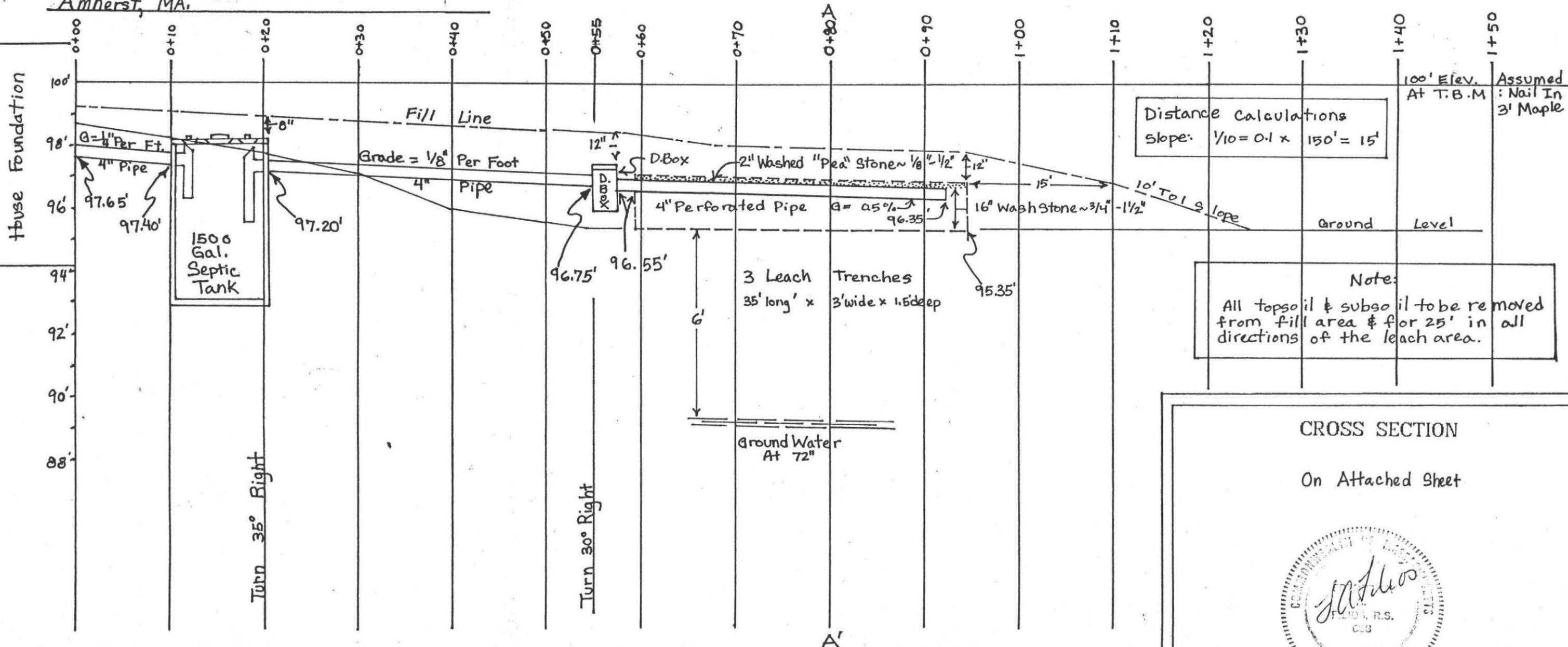


PROFILE OF SEPTIC SYSTEM

BY: FILIOS ENTERPRISES INC.
69 PELHAM RD.
AMHERST MA 01002
W.T./ R.W.S.

DATE: January 4, 1988
SCALE: Horizontal 1" = 10'
Vertical 1" = 3'

FOR: Steven M. Rostas
466 So. Pleasant St., Amherst, MA. 01002
SITE: LOT A-2 Meadow Brook Road
Amherst, MA.



Distance Calculations
Slope: 1/10 = 0.1 x 150' = 15'

Note:
All topsoil & subsoil to be removed from fill area & for 25' in all directions of the leach area.

CROSS SECTION
On Attached Sheet



SPECIFICATIONS

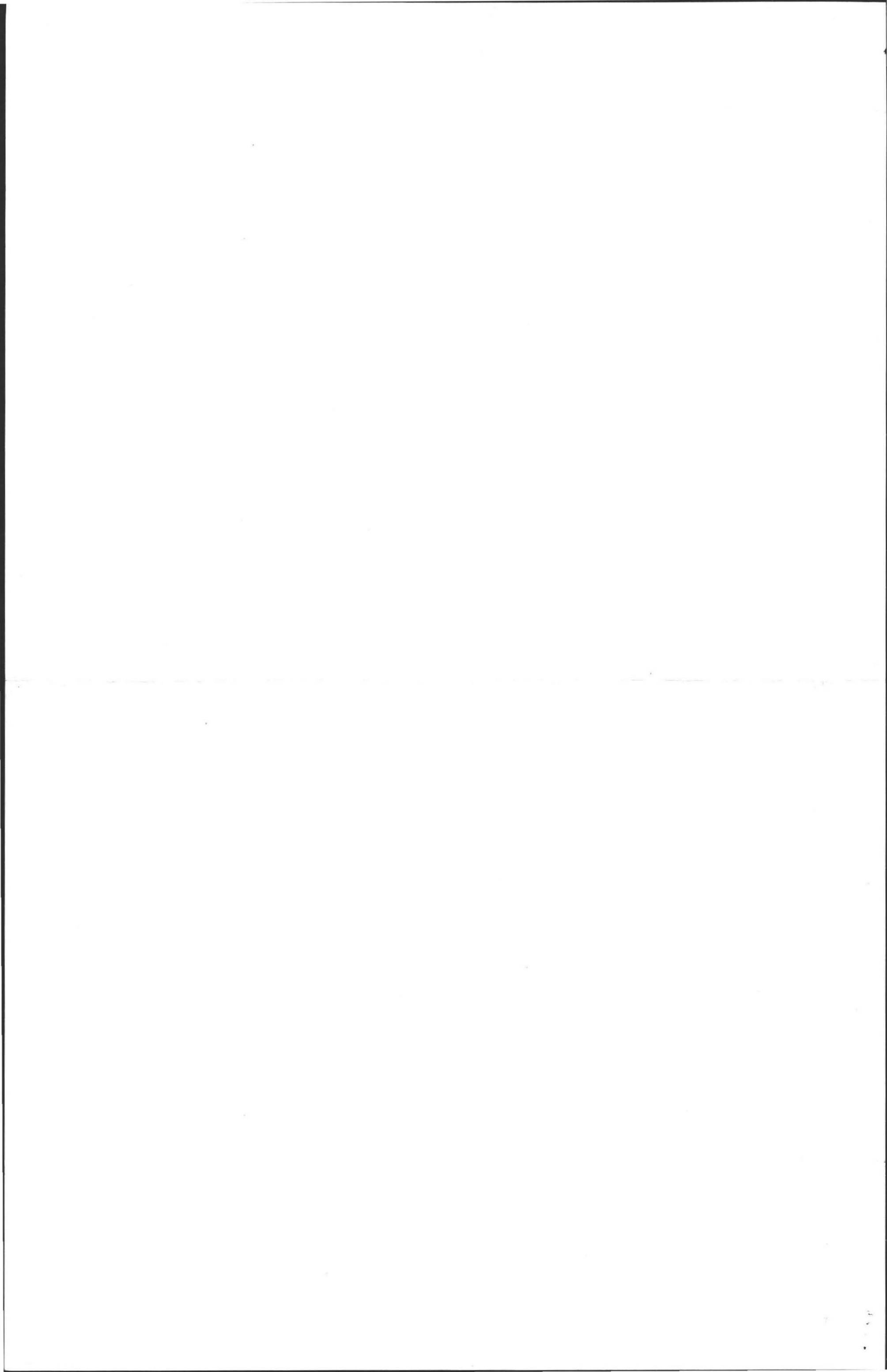
All materials and construction will be in accordance with Commonwealth of MA D. E. Q. E. State Environmental Code Title 5.

CALCULATIONS

Design flow: 4 Bdrms + garbage grinder = 660 Gal.s
Perc. rate: 2 min/in. allows sides: 2.5 gal/ft²; Btm = 1 gal/ft²
3 Trenches: 35' long x 3' wide x 1' below inlet

Sidewall: (35' x 2') 3 Tr.s = 210 ft² x 2.5 = 525 gal.s
Bottom area: (35' x 3') 3 Tr.s = 315 ft² x 1 = 315 gal.s

Total available daily flow: 840 gal.s



No. 88-2

FEE \$90.00

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST



HEALTH DEPARTMENT
Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal System at:

Meadow Brook Road
Location - Address
Howard Kabin
Owner
Installer

LOT A-2
or Lot No.
50 Fairview Ave. Northampton, MA.
Address

Type of Building
Dwelling — No. of Bedrooms 4 Expansion Attic () Garbage Grinder ()
Other — Type of Building _____ No. of persons _____ Showers () — Cafeteria ()
Other fixtures _____

Design Flow 87.5 gallons per person per day. Total daily flow 660 gallons.
Septic Tank — Liquid capacity 1500 gallons Length 10 1/2 Width 5 Diameter _____ Depth 5
Disposal Trench — No. 3 Width 3' Total Length 105 Total leaching area 210 sq. ft. Sides
Seepage Pit No. _____ Diameter _____ Depth below inlet _____ Total leaching area 315 sq. ft. Bottom

Other Distribution box () Dosing tank ()
Percolation Test Results Performed by Filios Enterprises Inc. Date 12/3/86
Test Pit No. 1 2 minutes per inch Depth of Test Pit 84" Depth to ground water 72"
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 Howard Kabin 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 _____
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

TOWN OF AMHERST

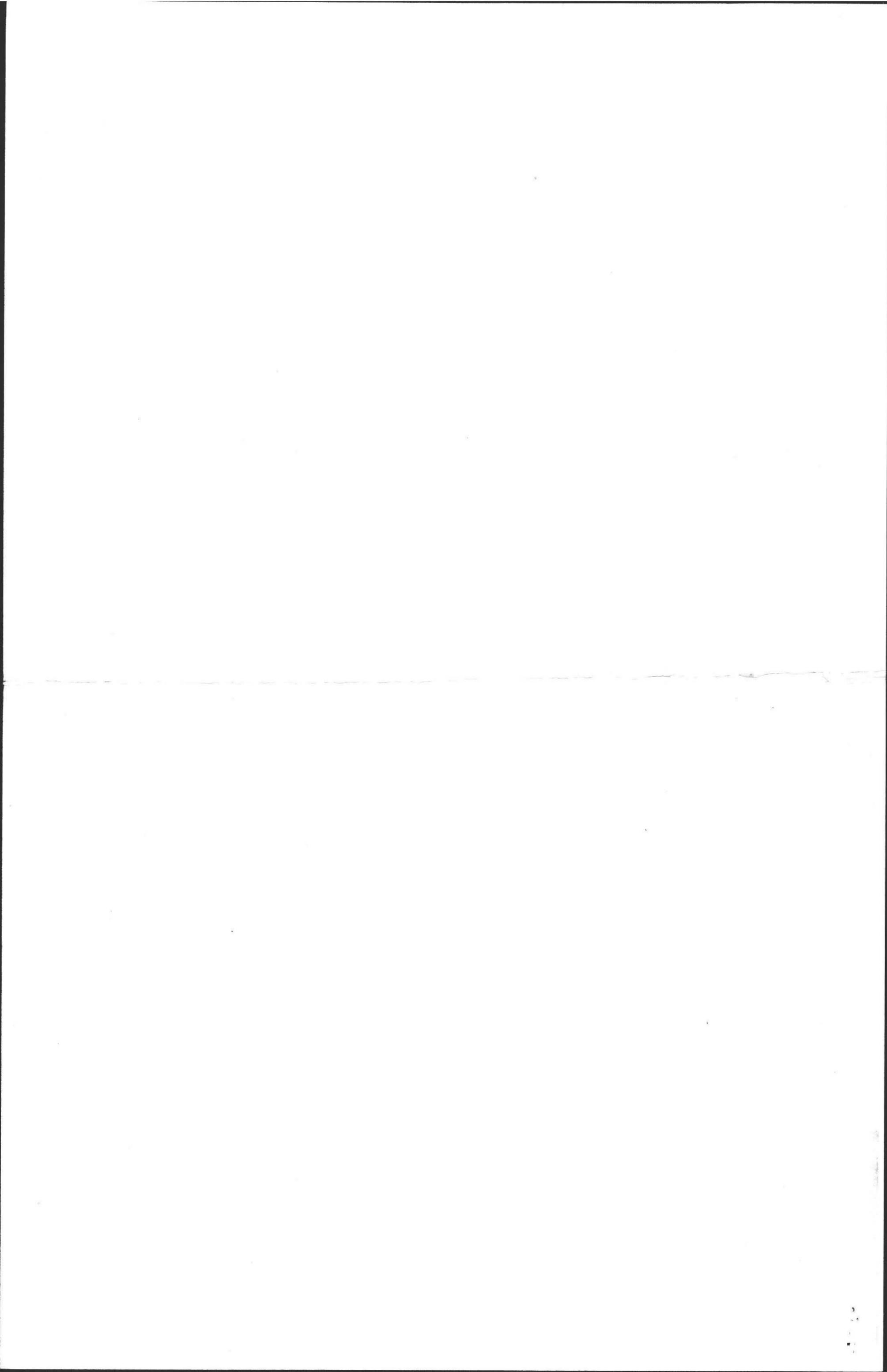
No. _____ FEE _____

Disposal Works Construction Permit

Permission is hereby granted Howard Kabin
to Construct () or Repair () an Individual Sewage Disposal System
at No. LOT A-2 Meadow Brook Road
Street
as shown on the application for Disposal Works Construction Permit No. _____ Dated _____

DATE _____ Board of Health

CHECK OR FILL IN WHERE APPLICABLE



DEEP SOIL LOGS

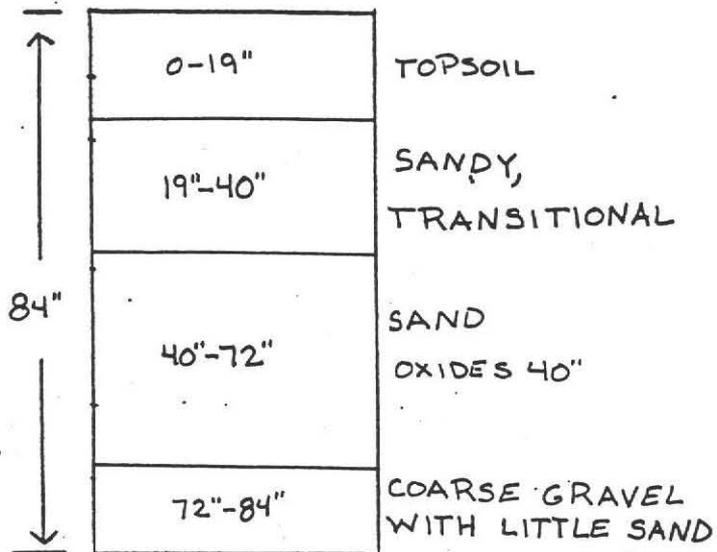
OWNER Howard Kolin

DATE December 3, 1986

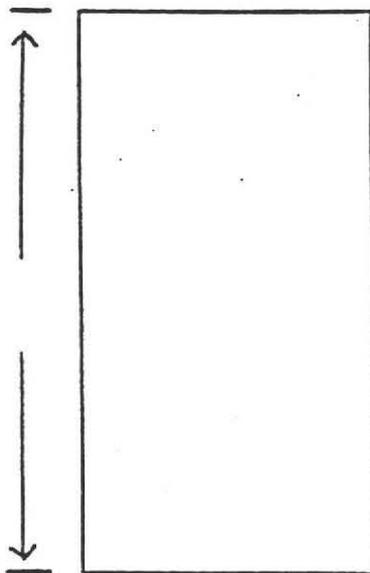
LOCATION Site 3, East Leverett Rd,
Amherst, MA (A-2)

OBSERVER F.A. Filios

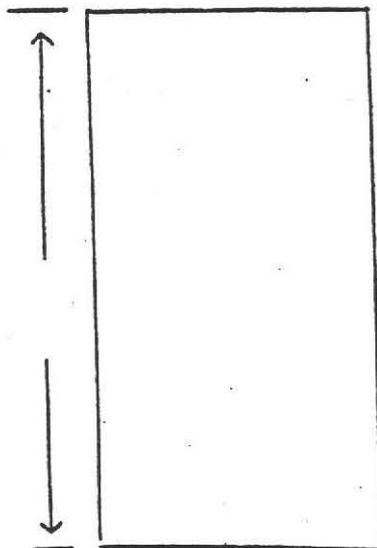
B of H Charles Drake



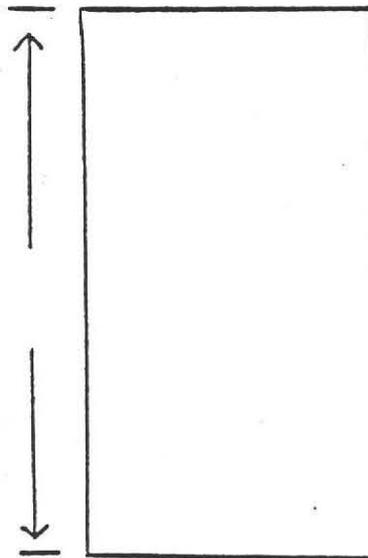
GROUND WATER 72"



GROUND WATER _____



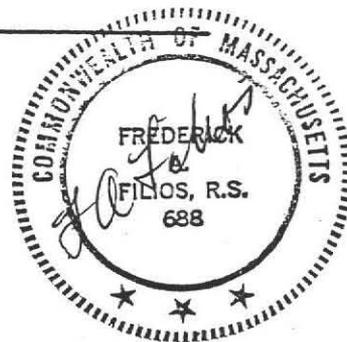
GROUND WATER _____



GROUND WATER _____

PERCOLATION RATE AT 43" :

< 2 min./inch



100

100

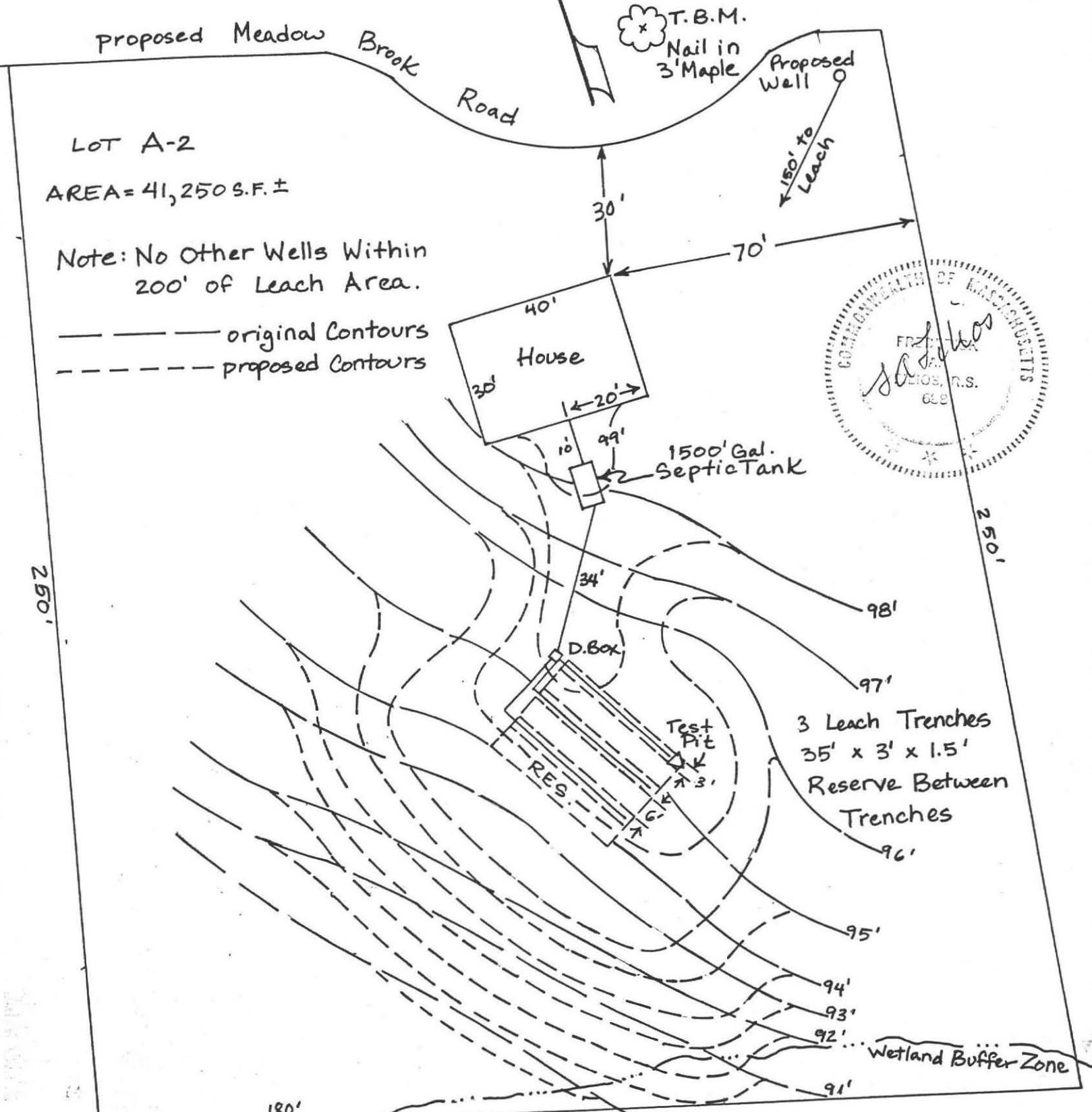
PLAN SHOWING SEWAGE DISPOSAL SYSTEM

FOR: Steven M. Rostas
 466 So. Pleasant St.
 Amherst, MA 01002

BY: FILIOS ENTERPRISES, INC.
 69 PELHAM RD.
 AMHERST, MA. W.T./R.S.

SITE: MEADOW BROOK ROAD
 OFF EAST LEVERETT RD.
 AMHERST, MA.

SCALE: 1" = 30'
 DATE: DEC 30, 1987



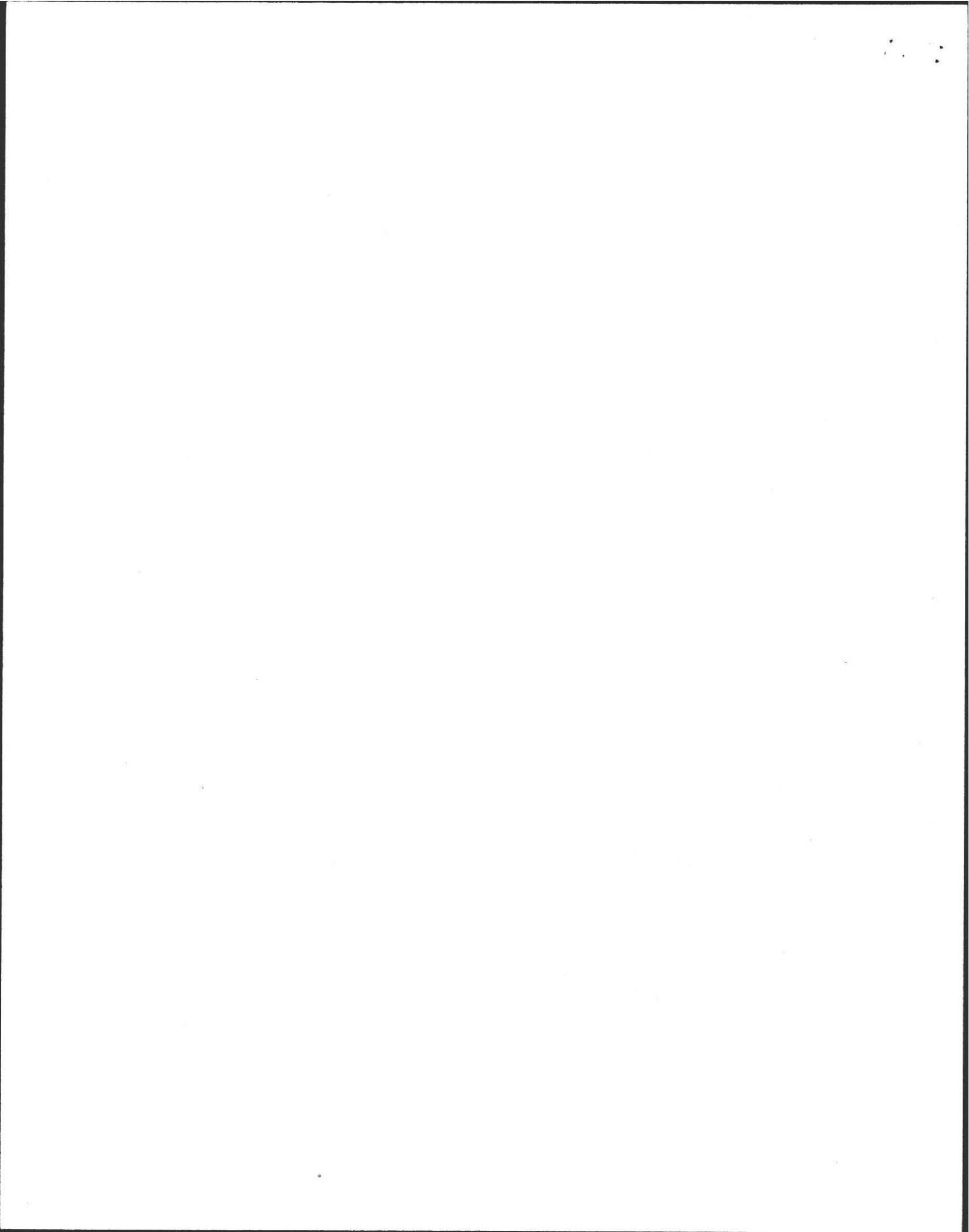
LOT A-2
 AREA = 41,250 S.F. ±

Note: No Other Wells Within
 200' of Leach Area.

— original contours
 - - - proposed contours

3 Leach Trenches
 35' x 3' x 1.5'
 Reserve Between
 Trenches

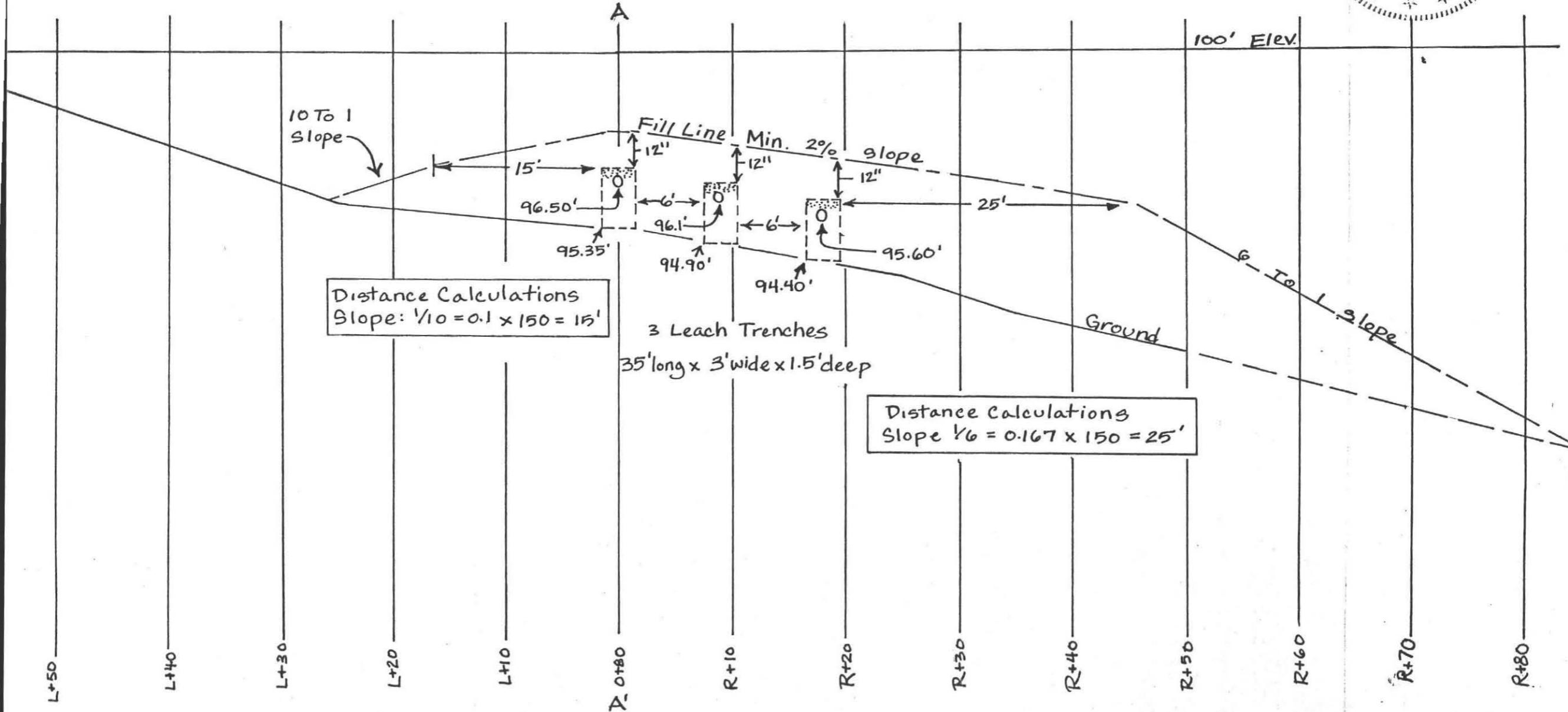
Wetland Buffer Zone



CROSS-SECTION OF TRENCHES AT A-A'

For: Steven M. Rostas
 466 South Pleasant St.
 Amherst, MA 01002
 Site: Lot A-2, Off E. Leverett Rd.

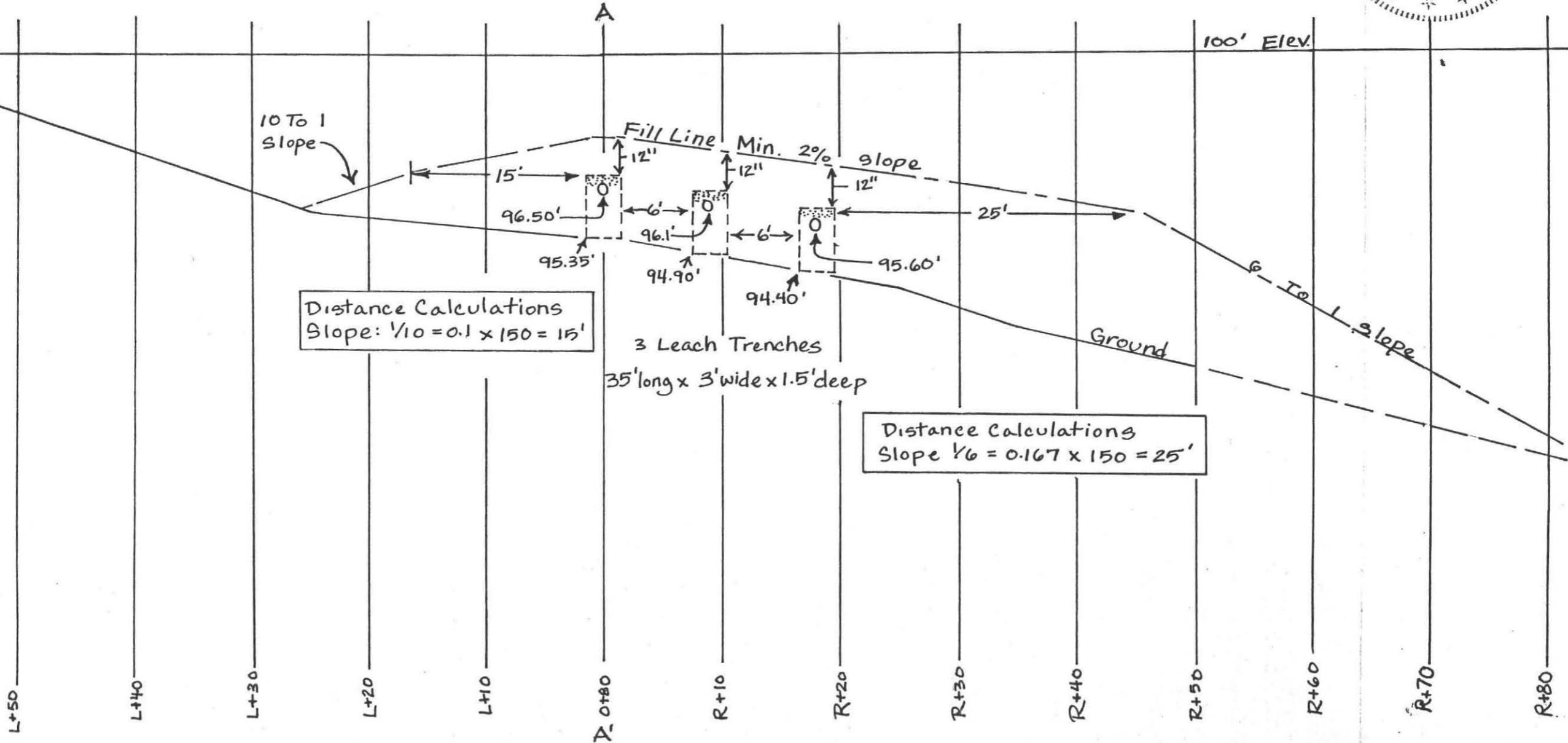
FILIOS ENTERPRISES, INC.
 January 5, 1988 W.T./R.S.
 Scale: Horizontal 1" = 10'
 Vertical 1" = 3'



Distance Calculations
 Slope: $\frac{1}{10} = 0.1 \times 150 = 15'$

Distance Calculations
 Slope $\frac{1}{6} = 0.167 \times 150 = 25'$

3 Leach Trenches
 35' long x 3' wide x 1.5' deep



100' Elev.

10 To 1 Slope

Min. 2% slope

6 To 1 Slope

Ground

Fill Line

15'

96.50'

95.35'

96.1'

94.90'

94.40'

95.60'

25'

12"

12"

12"

6'

6'

6'

Town of

DEC 23 1987



AMHERST *Massachusetts*

TOWN COUNSEL

December 14, 1987

Jonathan Z. Souweine, Esq.
Lesser, Newman, Souweine & Nasser
31 Main Street
Northampton, MA 01060

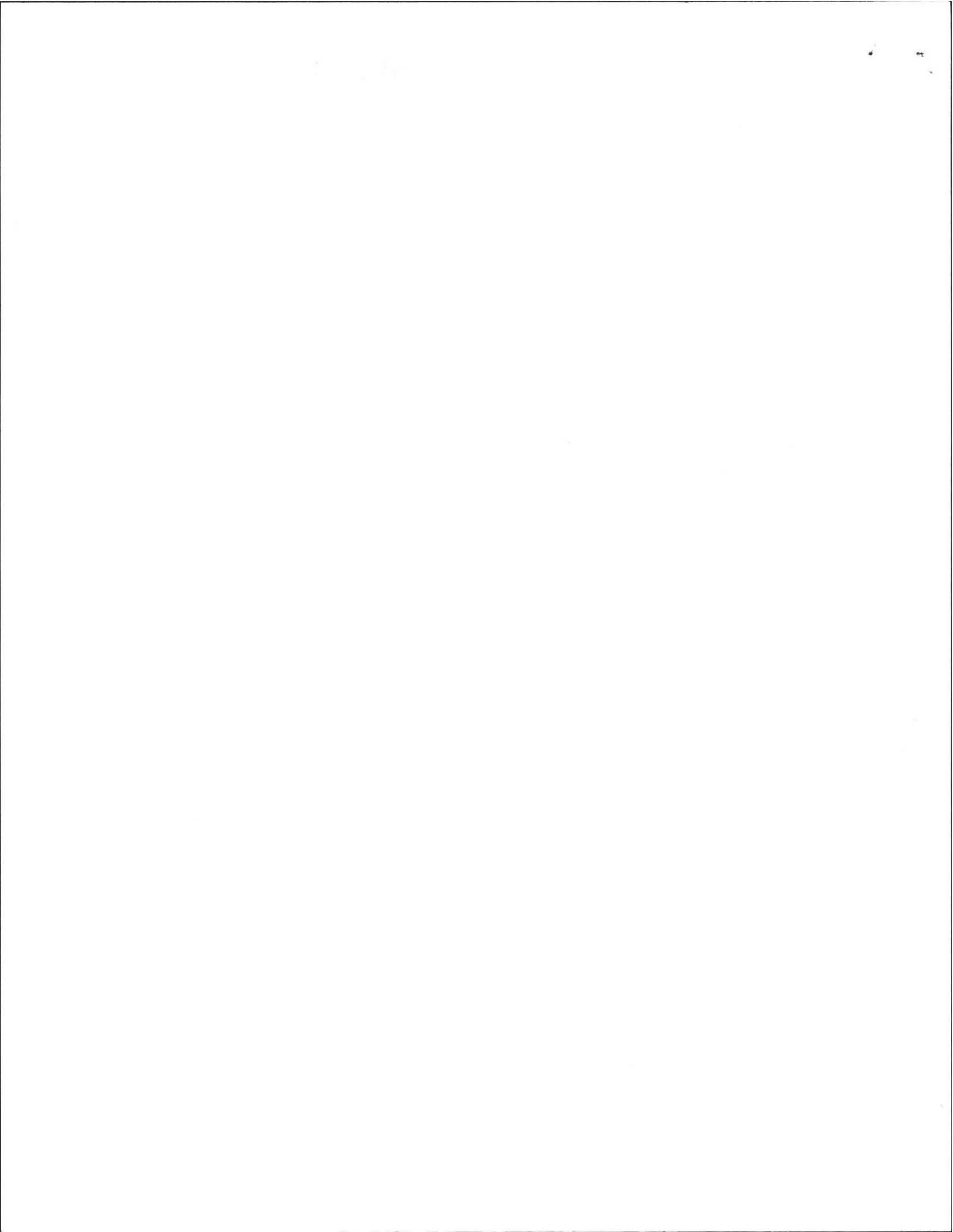
RE: Howard Kobin/East Leverett Road Development

Dear Jonathan:

After your presentation at the meeting in Amherst on Monday, December 14, 1987, the town officials present remained to discuss the proposal you offered and the matter of development of the land in general. As a result of the meeting and the discussion afterward, I submit the following:

We all seem to be in agreement that a comprehensive plan showing the entire project in both Amherst and Shutesbury and on the land of Rostas/Gang and Kobin/Davidson is desirable. Such a plan would allow the respective boards in both towns to intelligently and cooperatively review the total impact of the development in order to fully address the many concerns previously raised by the proposed development. At the same time, we do not see how such a submission would prejudice the rights of either Rostas/Gang or Kobin/Davidson under the Wetlands Protection Act, the Subdivision Control Law or any other regulatory scheme. You suggested at the meeting that there were misunderstandings or inconsistencies between the boards of the two towns. We are confident that a comprehensive plan would go a long way in dispelling those perceived problems.

Please understand that this is simply an attempt by the municipal staff of the respective towns to try and work out long standing differences but that in the final analysis the decision on any plan will be made by the respective town boards with the appropriate legal authority and mandate. As you pointed out at the meeting, the staff members are unable to bind any municipal board with regard to the ultimate course of action. While they are, therefore, not in a position to anticipate what will be acceptable to each board, the staff members look forward to your



Jonathan Z. Souweine
December 14, 1987
Page 2

submission of a comprehensive plan and will act cooperatively with you and their boards.

As was the case with our meeting, we intend this letter as a non-binding effort to settle our differences in an amicable fashion. We fully anticipate that you will accept it as such and that it will not be used for any other purpose.

We look forward to your response.

Very truly yours,



Robert W. Ritchie
Town Counsel

I have read the above and I am in agreement with the sentiments expressed therein.



Michele L. Leaf
Shutesbury Town Counsel

xc: Robert Mitchell, Amherst Planning Director
Peter Westover, Amherst Conservation Director
Bettye Anderson Frederic, Amherst Health Department Director
Walter Turati, Chairman, Shutesbury Planning Board
Janice Stone, Shutesbury Conservation Commission
Marvin Kalkstein, Shutesbury Board of Health
Richard M. Howland, Esq.



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

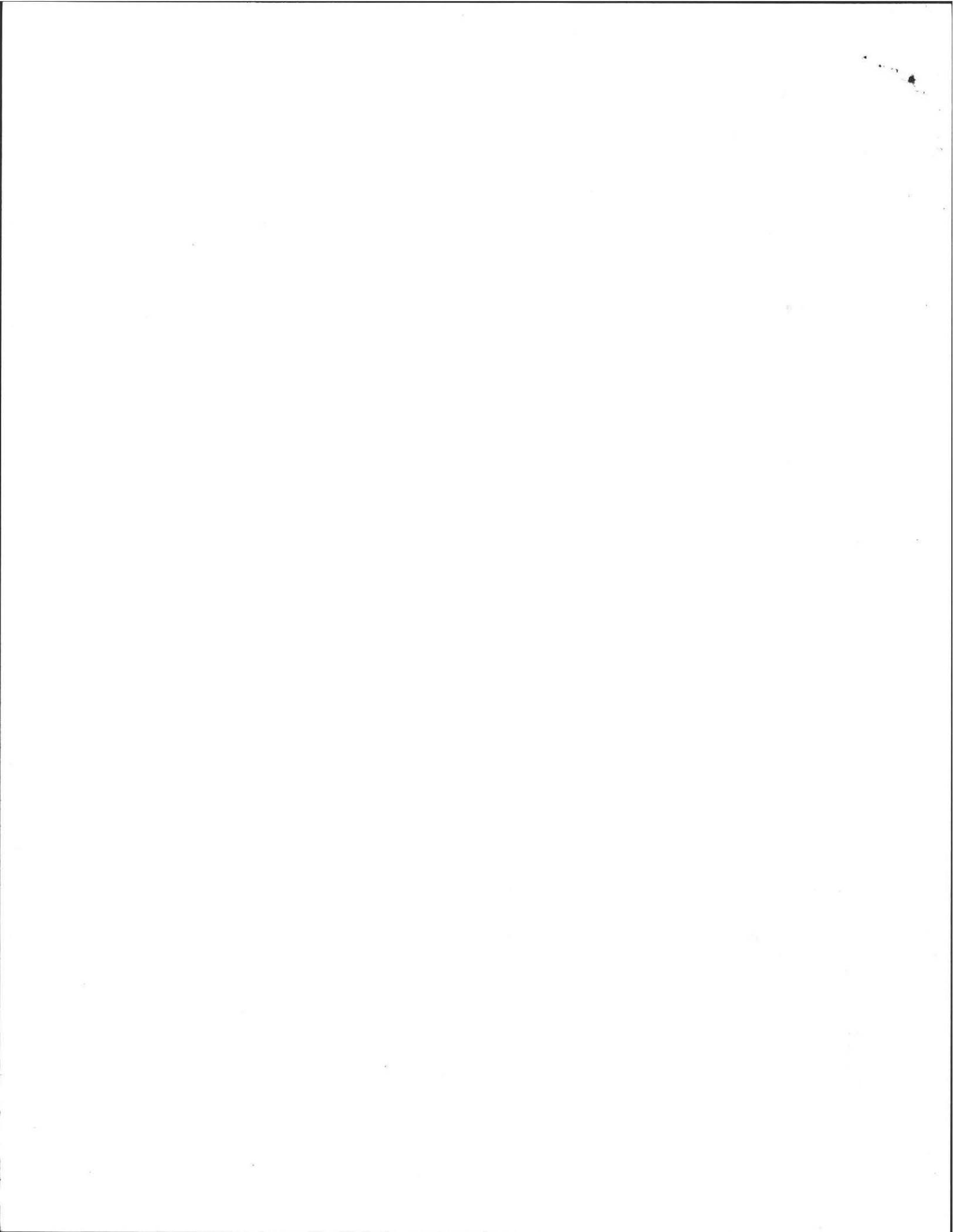
The test pit data is not identified either by lot designation or numbering sequence. In addition, a review of the original applications for these lots submitted October 21, 1987, revealed that the soil log information for lot A-4 was also submitted for Lot 2.

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

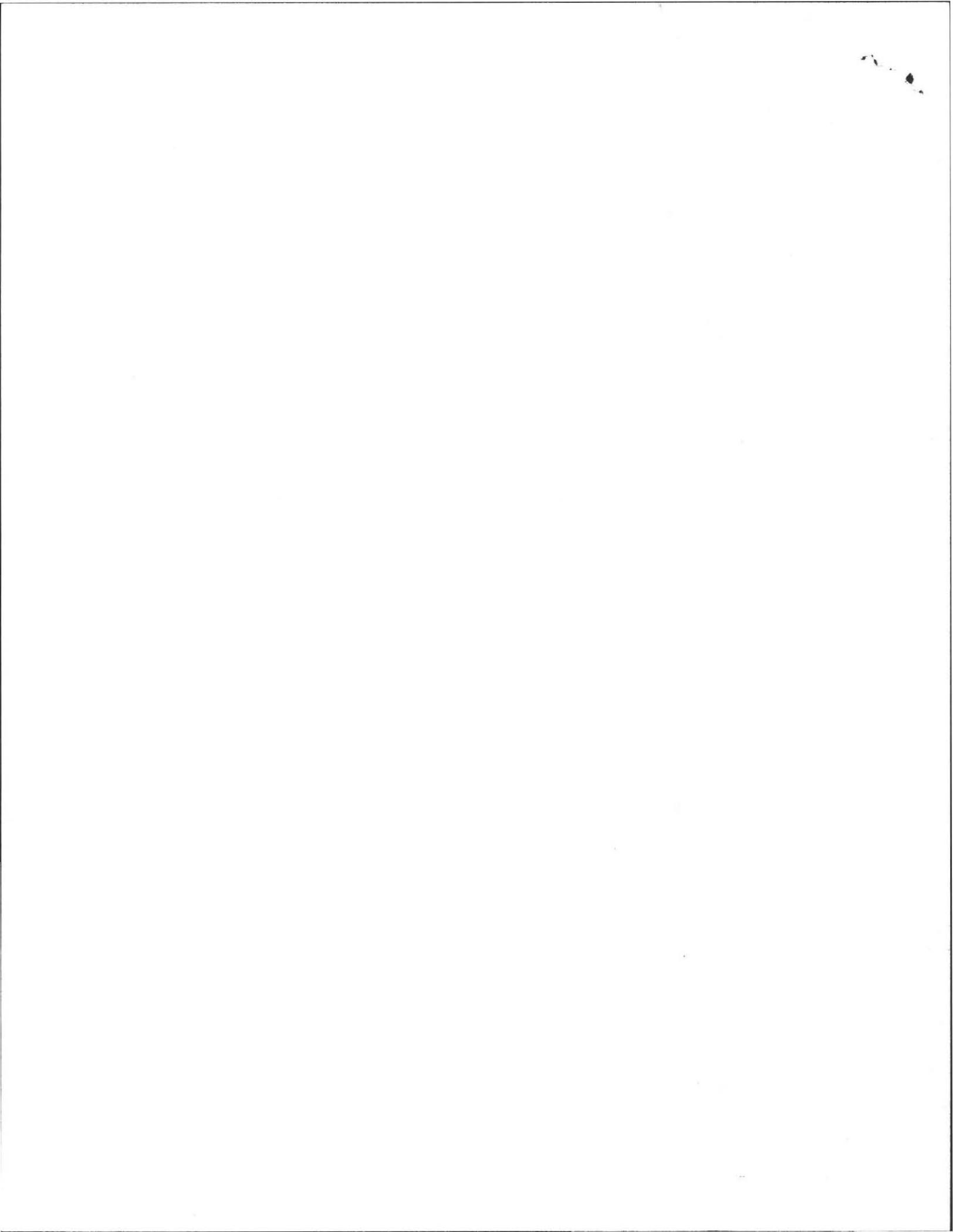
All Test pit information needs to be shown on plan.

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



Town of



AMHERST *Massachusetts*

Bettye Anderson Frederic, Director

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

March 23, 1987

Mr. Howard Kobin
50 Fairview Ave.
Northampton, MA 01060

Dear Mr. Kobin:

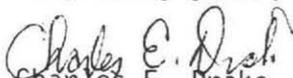
I have reviewed the application for disposal works construction permit for Lot 2, so called, on East Leverett Road, Amherst, prepared for you by Fred Filios, Registered Sanitarian, dated March 5, 1987, and signed by you on March 19, 1987.

I am, as of this notice, disapproving this application for the following reasons:

1. Title 5, Reg. 15.02 (17) Construction in Fill: Proper placement of and percolation data for fill material not specified (enc.).
2. Title 5, Reg. 15.03 (3) Ground water elevation only 30" below grade (enc.).
3. Design is not in conformance with Amherst Board of Health Regulations to Supplement Title 5 (enc.).
4. The area is now a part of a preliminary Subdivision Plan presently before the Board of Health and Planning Board for Consideration. The Subdivision Plan alters the configuration of the frontage and area of this "Lot".

You have a right to a hearing to show cause why this order should be modified or withdrawn. Your petition must be in writing and received in the Health Department office within seven (7) days of receipt of this notice.

Very truly yours,


Charles E. Drake, Jr.
Sanitarian

Enc. 4

cc: Stephen Rostas

