

86-77

#304

11/987 5491764
Rick Scott

FEE \$90
pt of
CK 373

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:

LEVERETT RD. LOT #2
JEFFREY WOOD or Lot No.
L+F CONST Owner 312 LEVERETT RD., AMHERST
Address
LEVERETT MA Address

Type of Building Dwelling ✓ No. of Bedrooms 3 Expansion Attic (No) Garbage Grinder (No)
Other — Type of Building No. of persons Showers () — Cafeteria ()
Other fixtures

Design Flow 110 gallons per person per day. Total daily flow 330 gallons.
Septic Tank Liquid capacity 1000 gallons Length 8' Width 5' Diameter Depth 5'
Disposal Field No. Width 30' Total Length 35' Total leaching area 1050 sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.

Other Distribution box (Yes) Dosing tank (No)
Percolation Test Results Performed by FREDERICK FIMAS Date 4-22-74
1974 → Test Pit No. 1 4 minutes per inch Depth of Test Pit 78" Depth to ground water 66"
1986 → Test Pit No. 2 16 minutes per inch Depth of Test Pit 114" Depth to ground water 48"

Description of Soil PIT #1 (1974) TO 6" TOPSOIL; TO 18" SUBSOIL; TO 54" GLACIAL TILL; TO DEPTH COARSE GRAVEL. PIT #2 (1986) TO 6" TOPSOIL; TO 18" SUBSOIL w/ 1-2" COBBLES; TO DEPTH DENSE TILL w/ FINES & 1-4" COBBLES.
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 Jeffrey Wood
Application Approved By [Signature] Date 12/31/86
Application Disapproved for the following reasons:

Permit No. 86-77 Issued 12/31/86 Date

CHECK OR FILL IN WHERE APPLICABLE

NOTE: some applies for lot (checked some here)

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

OF

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired () by L+F Construction Installer Jeff Wood Lot 2 Leverett Rd 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

OF

Town

AMHERST

No. 86-77

FEE \$90

Disposal Works Construction Permit

Permission is hereby granted J WOOD L+F CONST to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 2 LEVERETT RD Street as shown on the application for Disposal Works Construction Permit No. 86-77 Dated 12/31/86

DATE 12/31/86 Board of Health [Signature]

10/26/88 Leach System installed. Still needed - connect line at septic tank outlet and install line from tank to house foundation for disposal system.

10

1880

1880

The following is a list of the names of the persons who have been
 admitted to the membership of the Society since the last meeting.
 The names are given in alphabetical order of their surnames.
 The names of the persons who have been admitted to the membership
 of the Society since the last meeting are given in alphabetical order
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3

No.

FEE

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:

Location - Address: LEVERETT RD. LOT #2
Owner: JEFFREY WOOD 312 LEVERETT RD., AMHERST

Type of Building: Dwelling (X) No. of Bedrooms: 3 Expansion Attic (No) Garbage Grinder (No)
Other - Type of Building: Other fixtures: No. of persons: Showers () - Cafeteria ()

Design Flow: 110 gallons per bedroom per day. Total daily flow: 330 gallons.
Septic Tank: Liquid capacity: 1000 gallons Length: 8' Width: 5' Diameter: 5' Depth: 5'
Disposal Field: No. Width: 30' Total Length: 35' Total leaching area: 1050 sq. ft.
Seepage Pit No. Diameter: Depth below inlet: Total leaching area: sq. ft.

Percolation Test Results: Performed by: FREDERICK F. WARD Date: 4-22-74
1974 -> Test Pit No. 1: 4 minutes per inch Depth of Test Pit: 78" Depth to ground water: 66"
1986 -> Test Pit No. 2: 16 minutes per inch Depth of Test Pit: 114" Depth to ground water: 48"

Description of Soil: PIT #1 (1974) TO 6" TOPSOIL; TO 18" SUBSOIL; TO 54" GLACIAL TILL; TO DEPTH COARSE GRAVEL. PIT #2 (1986) TO 6" TOPSOIL; TO 18" SUBSOIL w/ 1-2" COBBLES; TO DEPTH DENSE TILL w/ FINES & 1-4" COBBLES.

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:
Application Approved By:
Application Disapproved for the following reasons:
Date

Permit No. Issued: Date

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: ... 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. OF ... FEE

Disposal Works Construction Permit

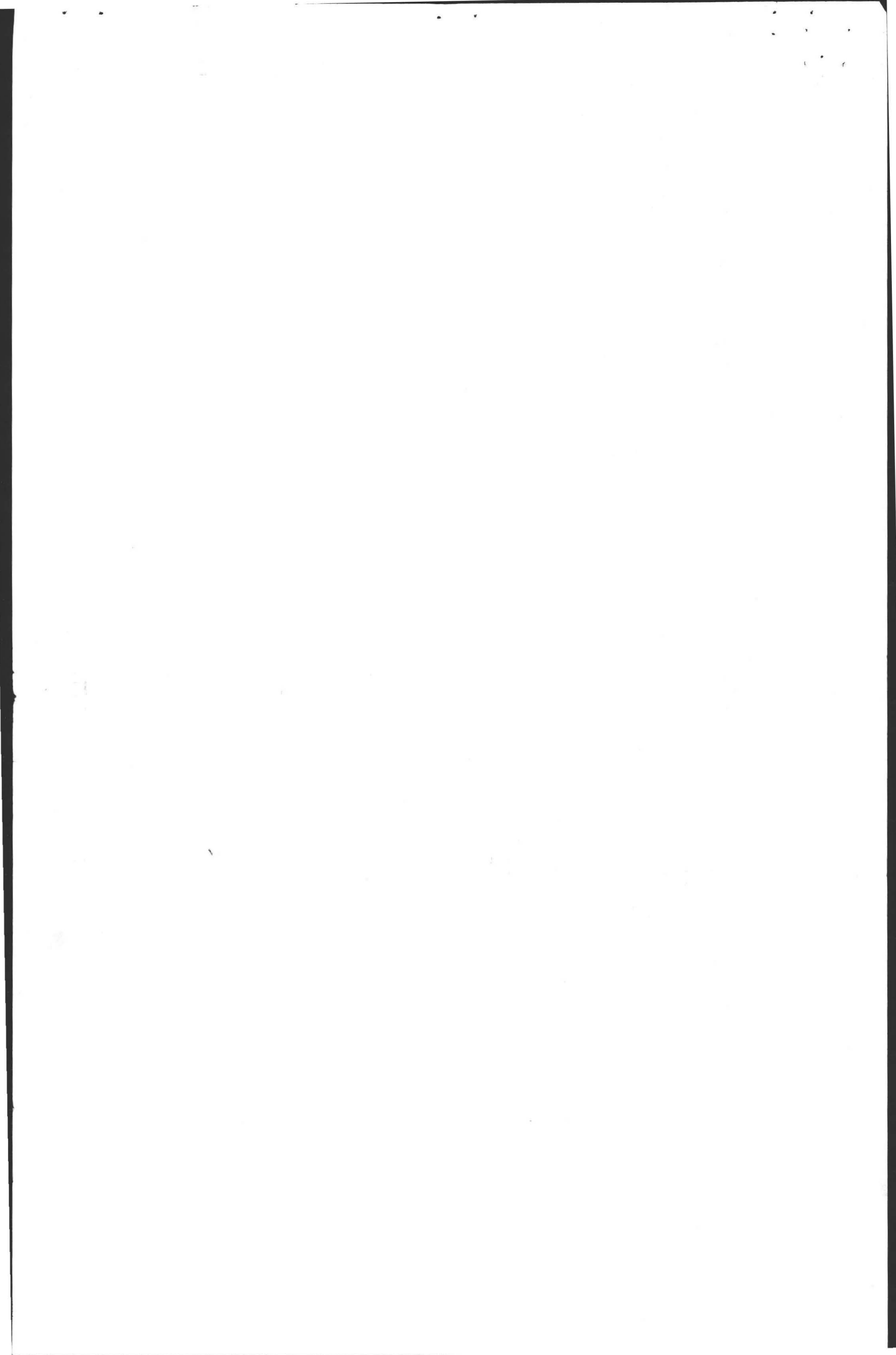
Permission is hereby granted: ... to Construct () or Repair () an Individual Sewage Disposal System at No. Street

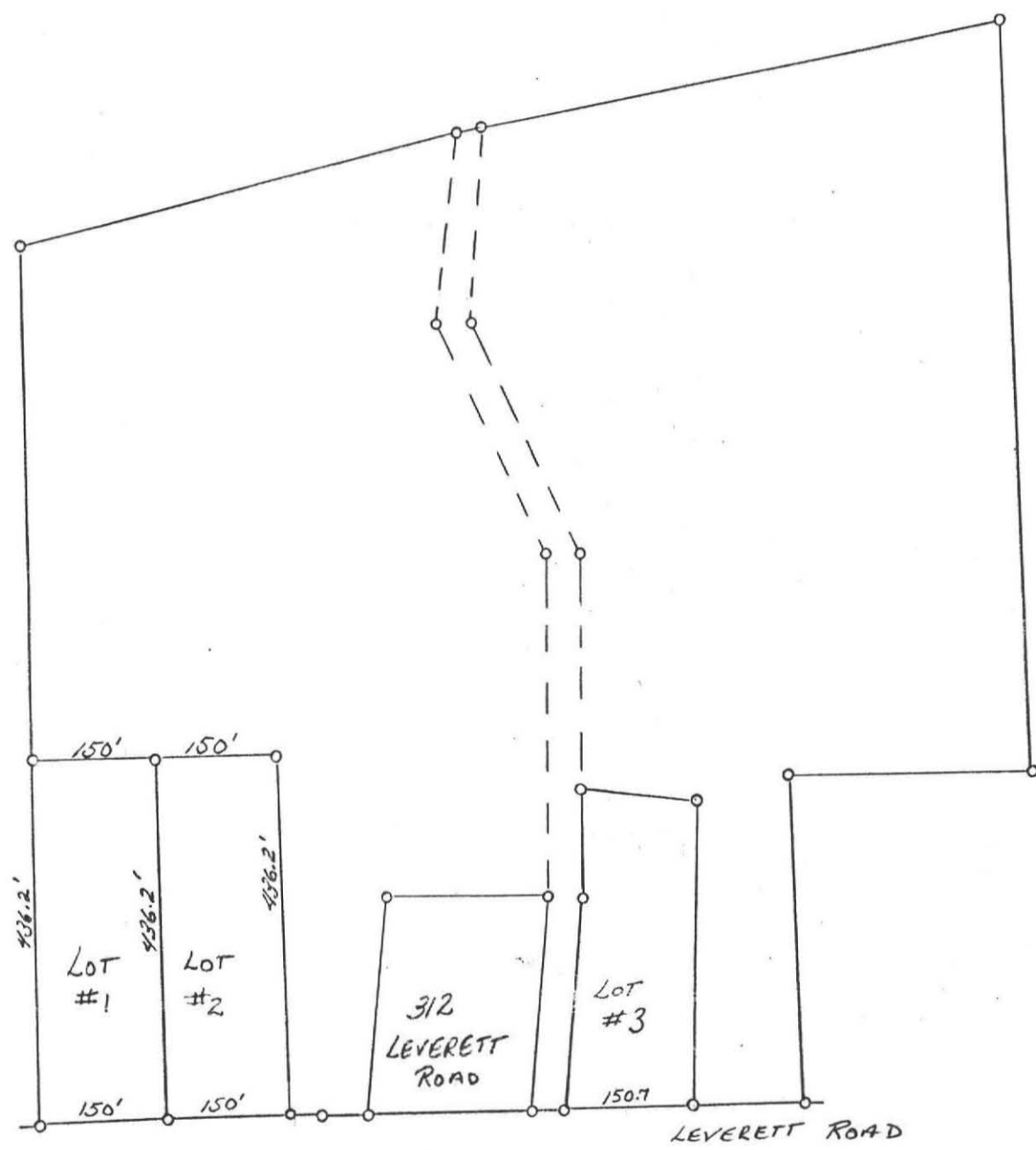
as shown on the application for Disposal Works Construction Permit No. Dated:

DATE: ... Board of Health

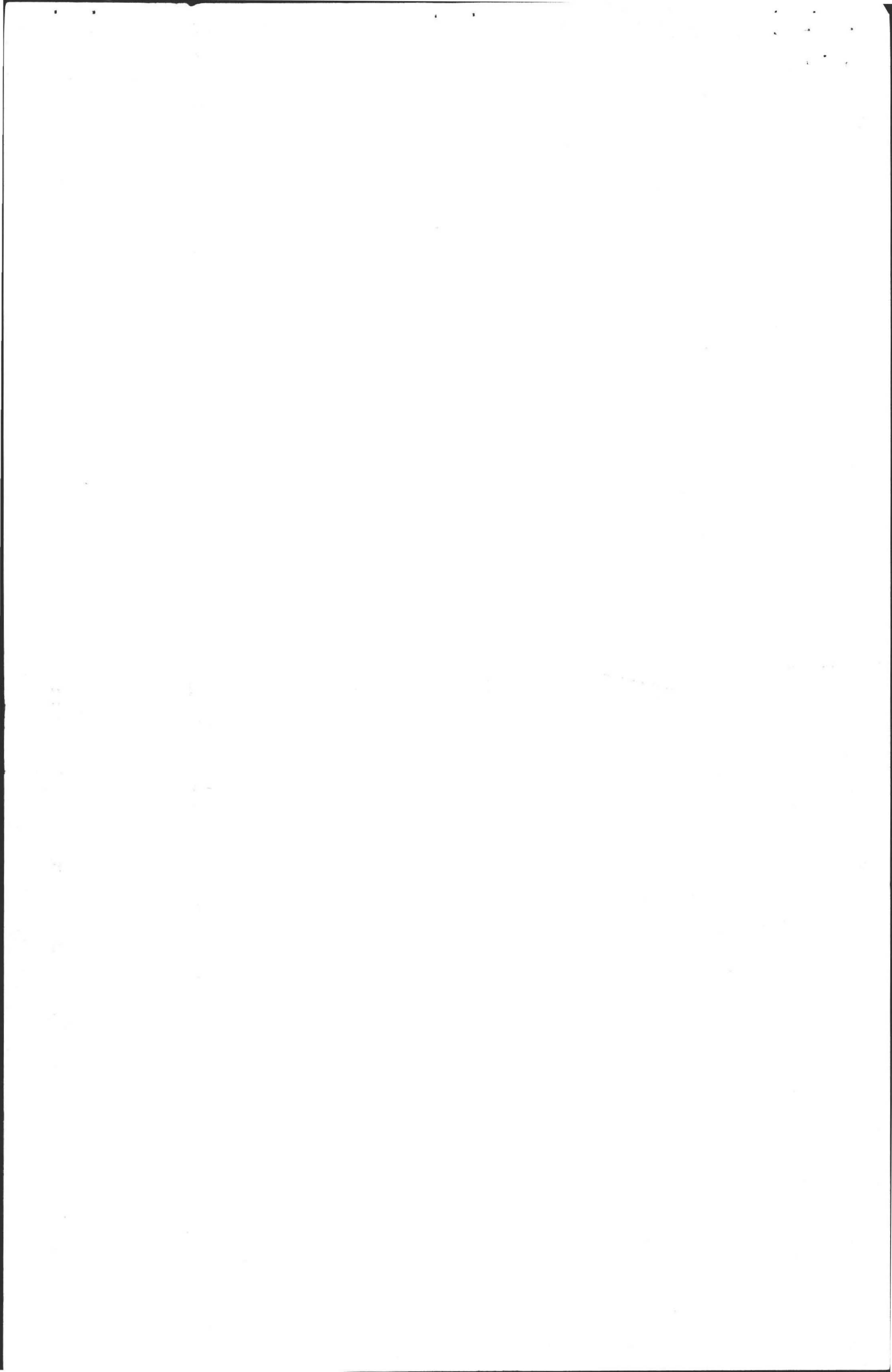
11/1987 Spoke & Mr Wood Do nothing for now

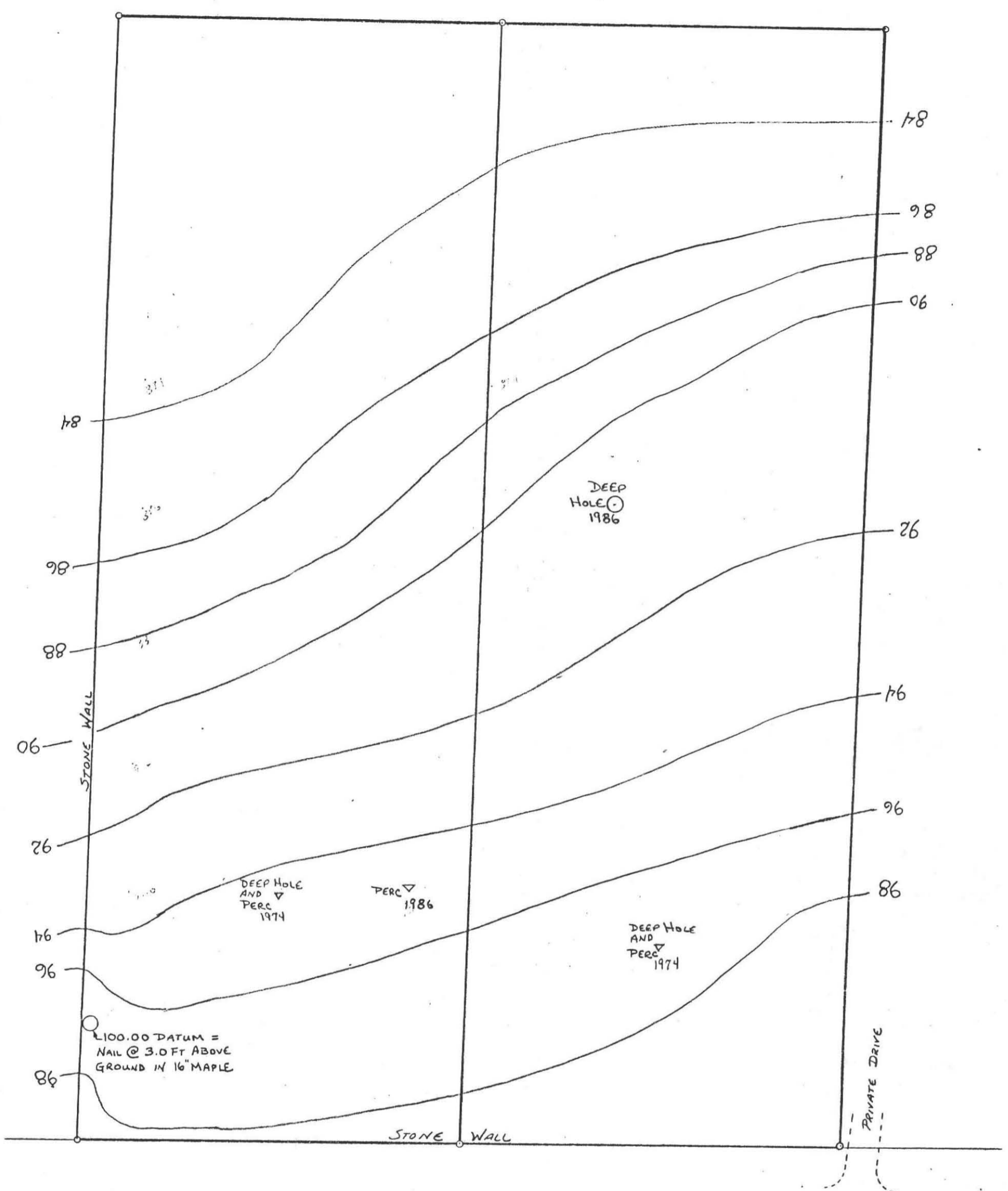
CHECK OR FILL IN WHERE APPLICABLE





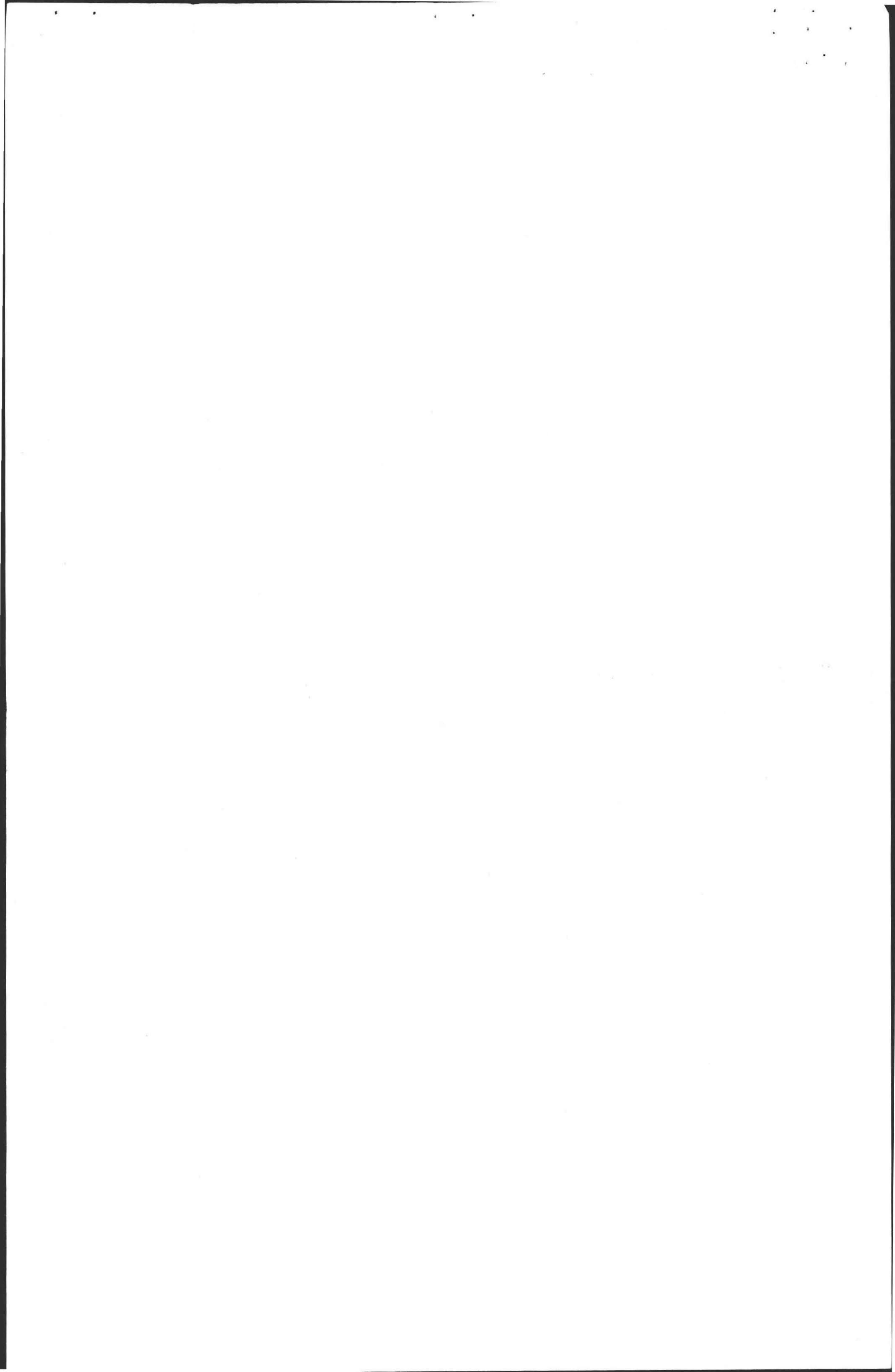
PLAN OF RESIDENTIAL LOTS ON THE WEST
 SIDE OF LEVERETT RD. NEAR 312 LEVERETT RD.
 FOR: JEFFREY WOOD
 PREPARED BY: RICHARD SCOTT, P.E.
 SCALE: 1" = 200' DATE 12-19-86

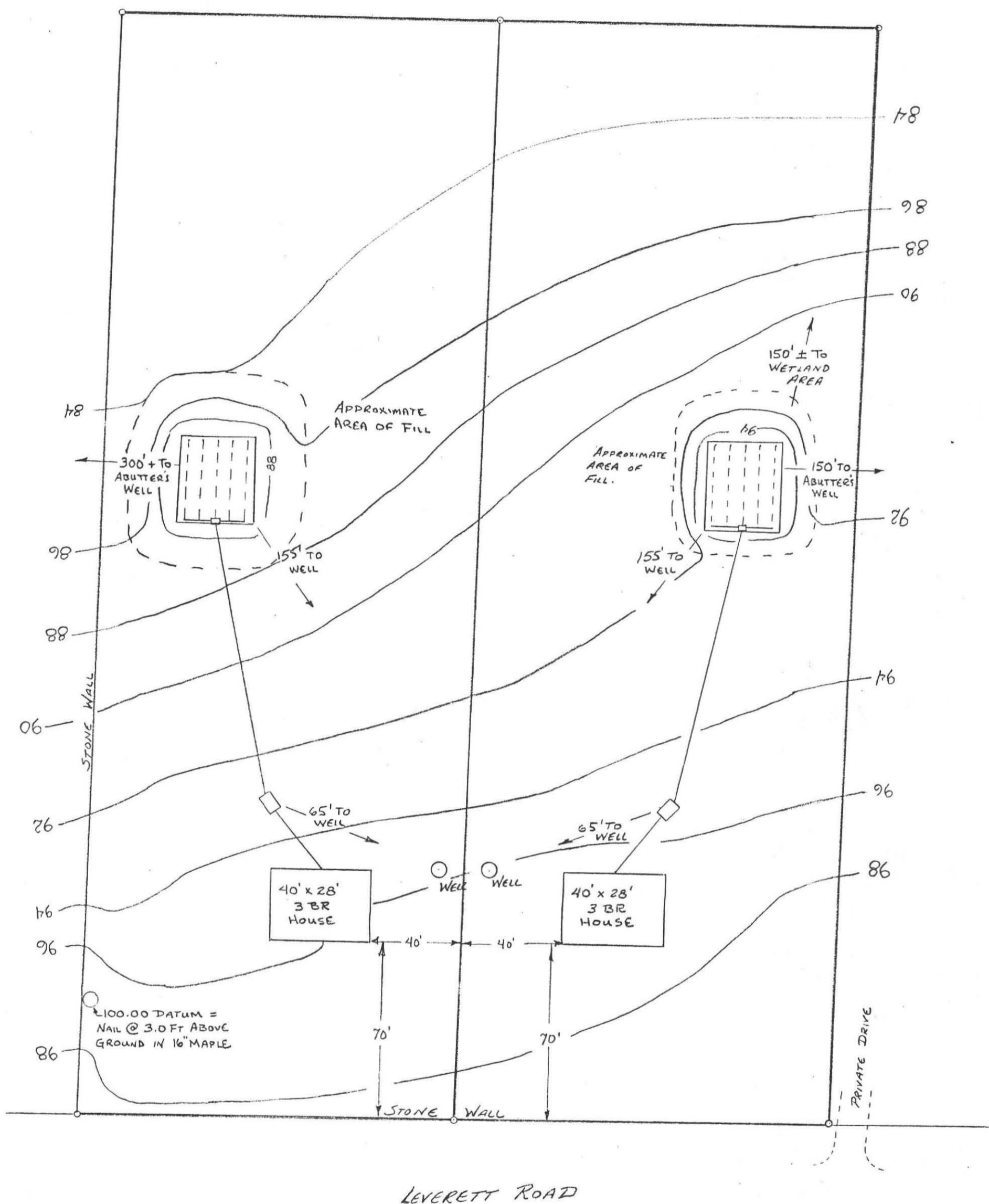




LEVERETT ROAD

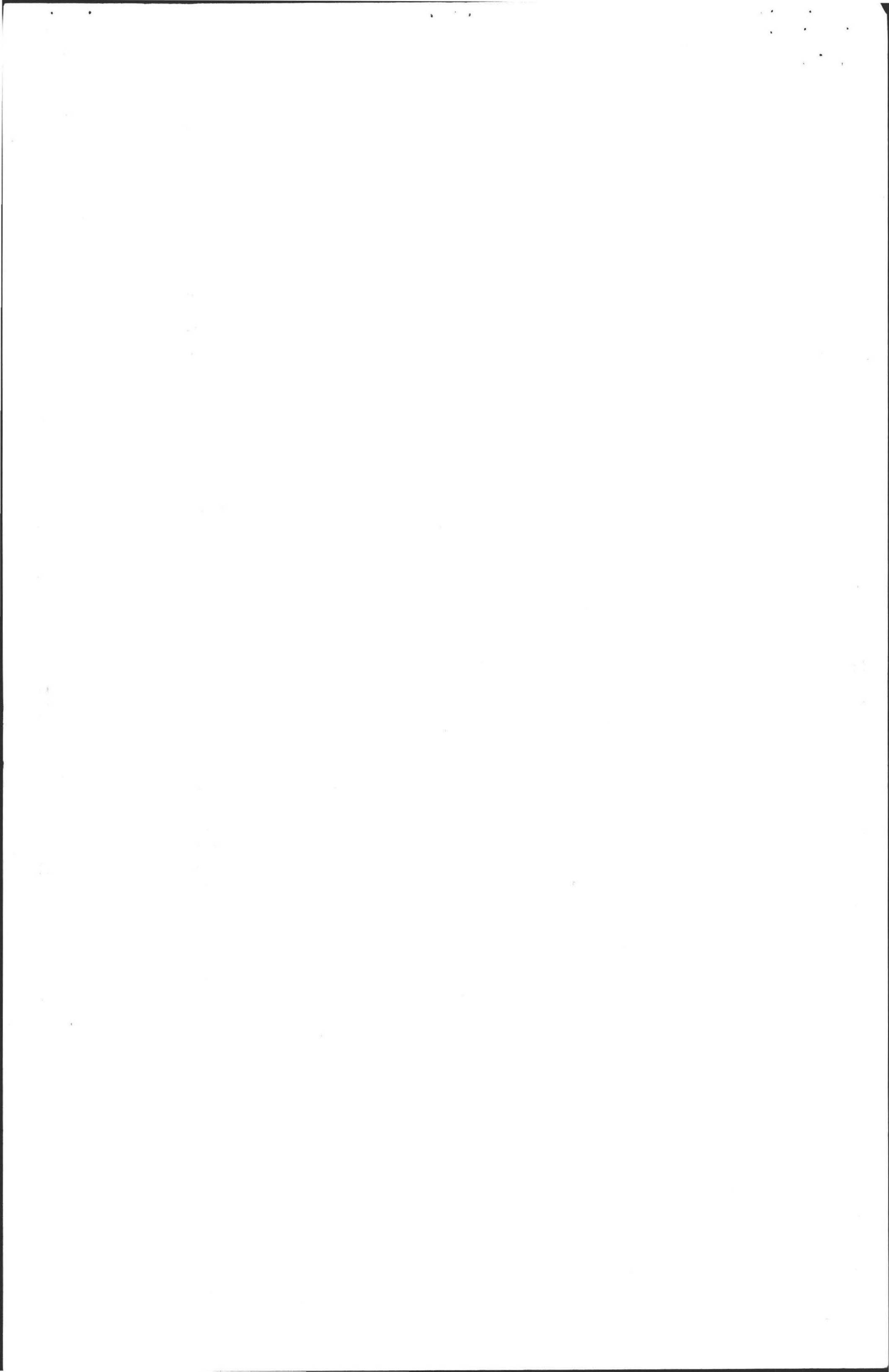
PROPOSED SEPTIC SYSTEM DESIGN
LOTS #1 & #2 LEVERETT RD. AMHERST
SITE PLAN: EXISTING CONTOURS
PREPARED BY: RICHARD SCOTT, P.E.
SCALE: 1" = 40' DATE: 12-18-86





LEVERETT ROAD

PROPOSED SEPTIC SYSTEM DESIGN
LOTS #1 & #2 LEVERETT RD. AMHERST
SITE PLAN: PROPOSED LOCATIONS & CONTOURS
PREPARED BY: RICHARD SCOTT, P.E.
SCALE: 1" = 40' DATE: 12-18-86



SYSTEM DESIGN CALCULATIONS

3 BEDROOM X 110 GAL PER BEDROOM PER DAY = 330 G.P.D. DESIGN FLOW

MINIMUM EFFECTIVE SEPTIC TANK VOLUME = $1.5 \times 330 = 495$ GALLONS

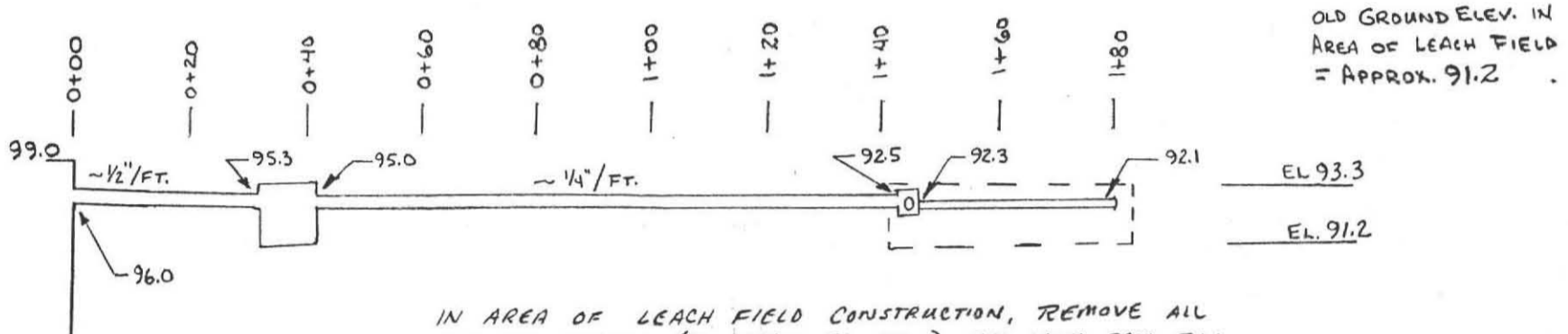
SPECIFIED EFFECTIVE TANK VOLUME = 1000 GALLONS

PERCOLATION RATE = 16 MINUTES PER INCH → DESIGN LOADING =
= 3.0 SQ. FT. PER GALLON FOR BOTTOM LEACHING ONLY.

MINIMUM LEACH FIELD BOTTOM AREA = $330 \times 3.0 = 990$ SQ. FT.

LEACH FIELD SPECIFIED FOR THIS SITE = $30' \times 35' = 1050$ SQ. FT.

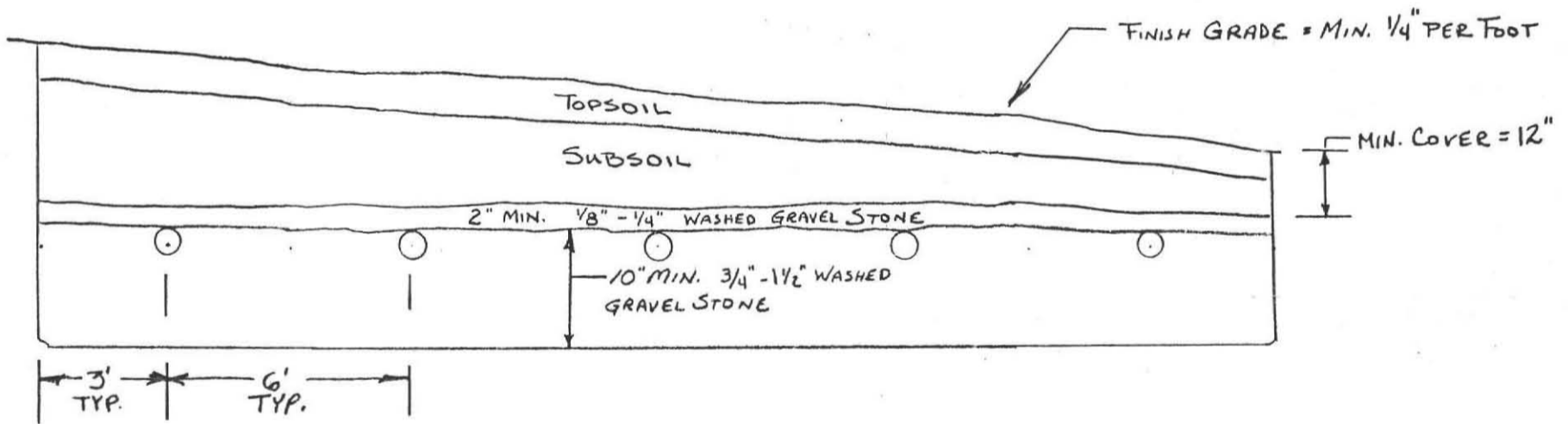
SPECIFICATION: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH MASSACHUSETTS D.E.Q.E. STATE ENVIRONMENTAL CODE TITLE 5.



IN AREA OF LEACH FIELD CONSTRUCTION, REMOVE ALL TOP AND SUBSOIL (TO APPROX EL. 89.7) FILL WITH BANK-RUN GRAVEL AND COMPACT TO A LEVEL BASE AT EL. 91.2. FILL IS TO EXTEND LEVEL 10' BEYOND BOUNDARY OF FIELD THEN SLOPE 1:4 TO OLD GRADE.

SYSTEM PROFILE ~ SECTION PARALLEL TO FLOW

SCALE: HORIZ: 1"=30' VERT: N.T.S.

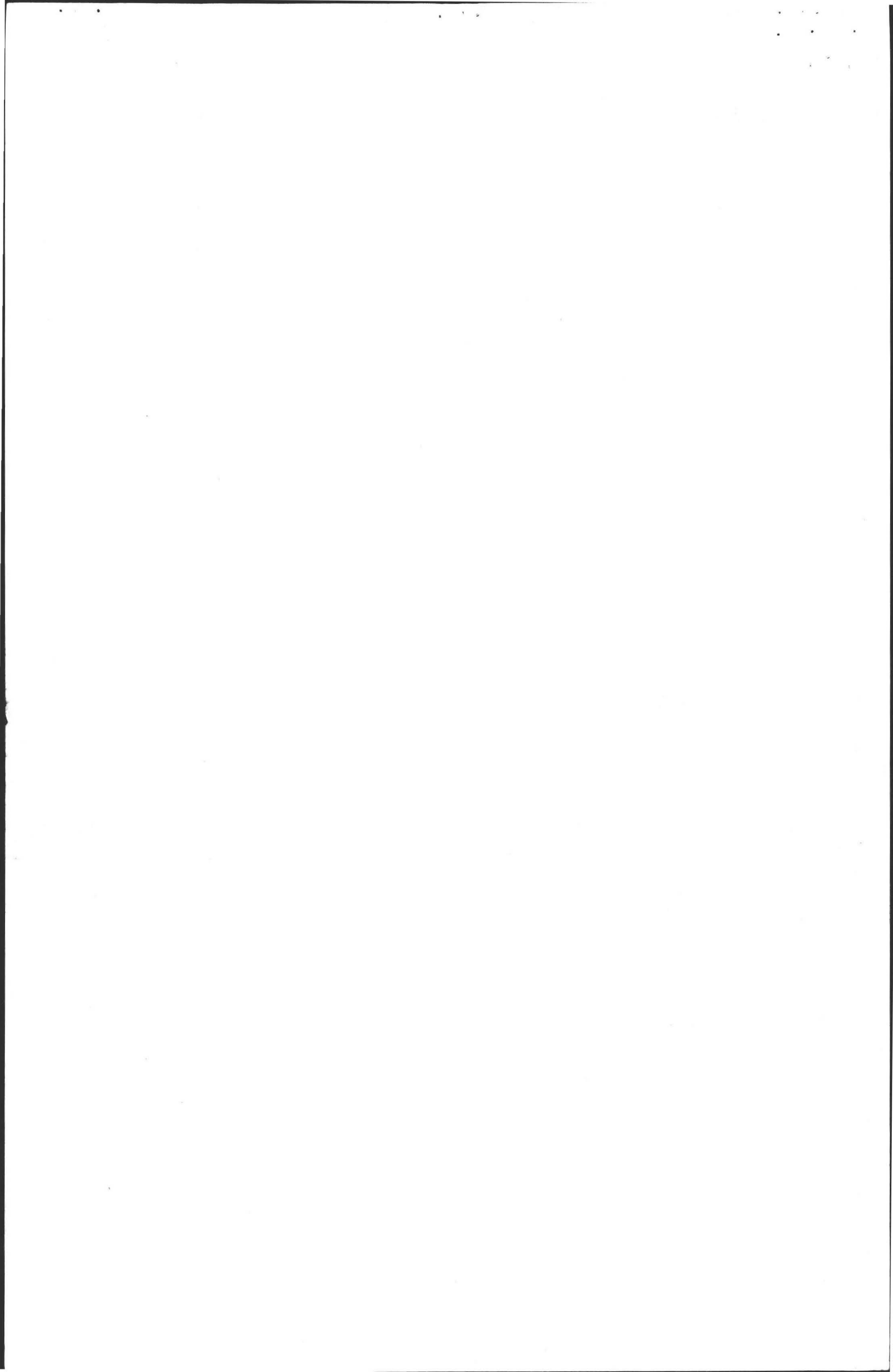


30' X 35' LEACHFIELD. HEADER PIPES FROM DISTRIBUTION BOX TO BE 4" PVC NON-PERFORATED & ARE TO BE LAID LEVEL. LIN. FT. OF 4" PERFORATED PVC DISTRIBUTION PIPE TO BE LAID AT MIN. .005' PER FT. ALL PIPE ENDS TO BE CAPPED.

LEACH FIELD PROFILE ~ SECTION PERPENDICULAR TO FLOW

SCALE: HORIZ: 1"=4' VERT: N.T.S.

PROPOSED SEPTIC SYSTEM DESIGN
LOT # 2 LEVERETT RD. AMHERST, MA.
FOR: JEFFREY WOOD
PREPARED BY: RICHARD SCOTT, P.E.
SCALE: AS SHOWN DATE:



OBSERVATION PITS

REQUESTED BY:

JEFFREY WOOD

LOCATION:

LOT #1 & #2 (SEE ALSO PROFILES & PERCS BY FRED FILIOS 4-22-77)
LEVERETT RD. AMHERST

MAILING ADDRESS:

312 LEVERETT RD. AMHERST, MA. 01002

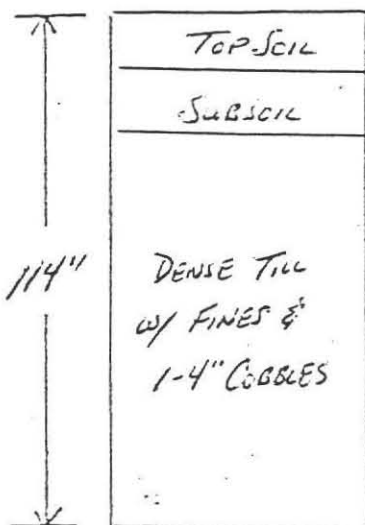
DATE:

12-17-86

OBSERVER:

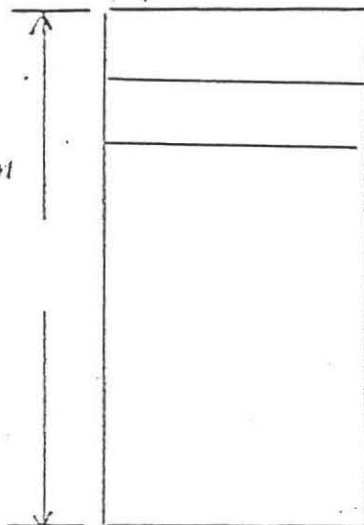
RICHARD SCOTT

WITNESS: C.E. DRAKE, AMHERST B.O.H.



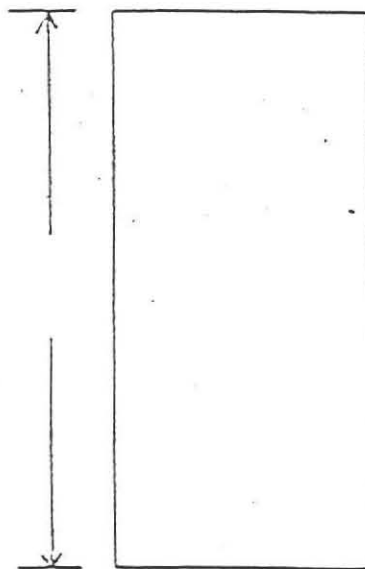
Groundwater 46"

Perc Rate 16 MIN./INCH



Groundwater _____

Perc Rate _____



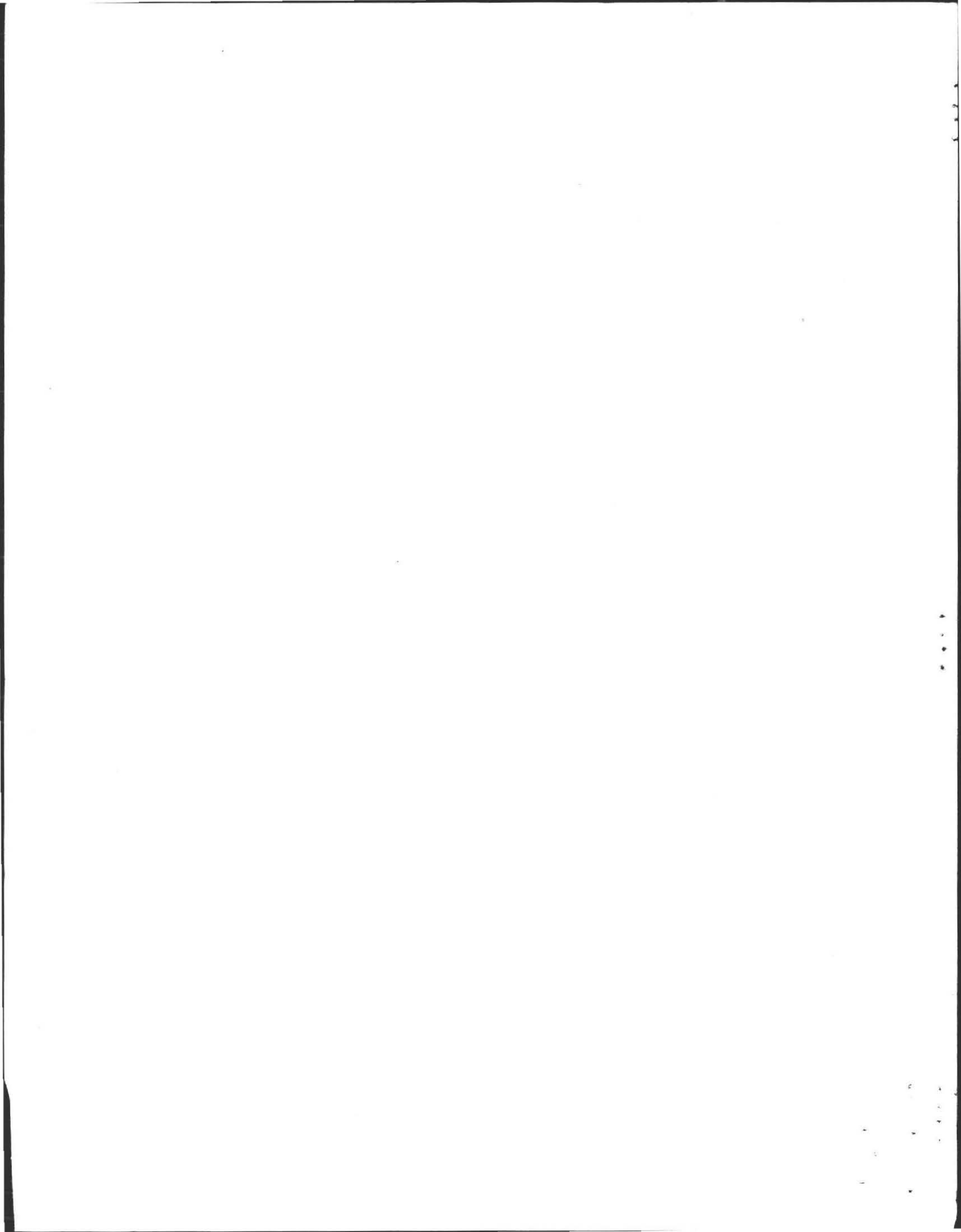
Groundwater _____

Perc Rate _____

START SOAK @ 9:08 A.M.
 START TEST @ 9:24
 TO 9" @ 10:02
 > 30 MIN (LONG-SOAK REQUIRED)
 TO 6" @ 10:48
 $\frac{46 \text{ MIN}}{3 \text{ IN}} = 15.3 \text{ MIN./IN.}$
 (DESIGN @ 16 MIN./IN)

Groundwater _____

Perc Rate _____



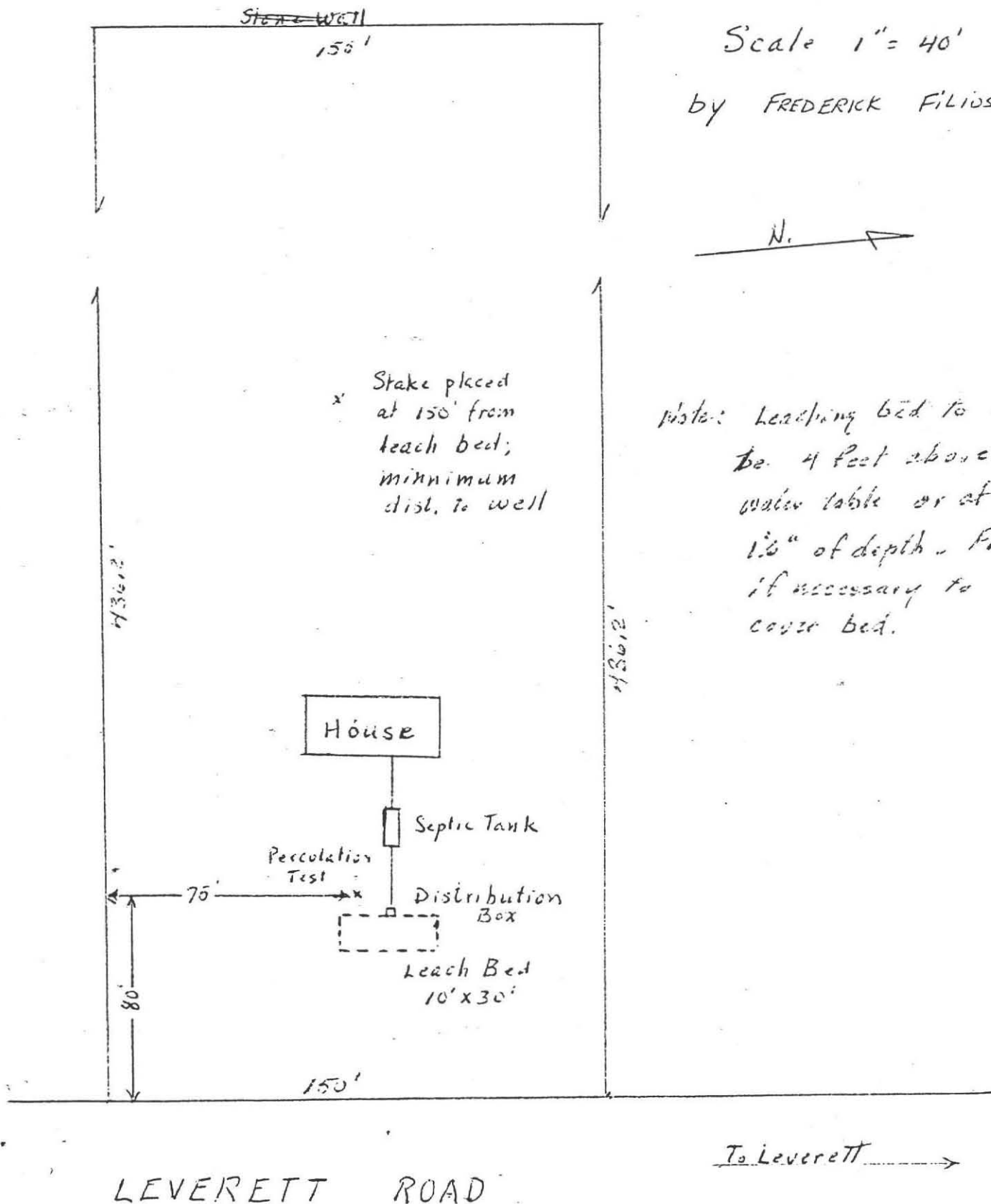
PLAN SHOWING SEWAGE DISPOSAL

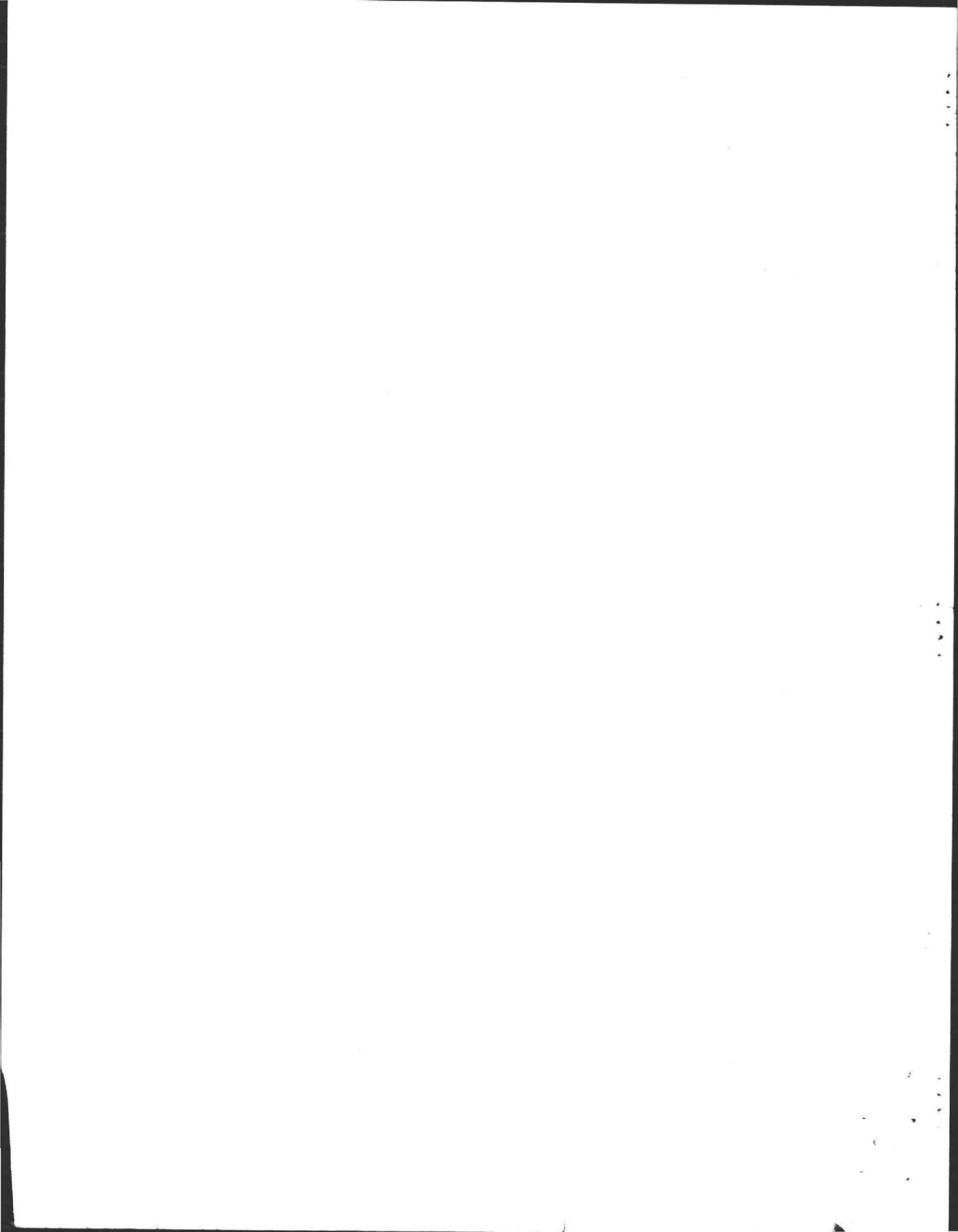
for
No. #3-85
Assessors

JERROLD Adams
at Leverett Road
Amherst, Mass

Scale 1" = 40'

by FREDERICK FILIUS





DEEP SOIL LOES

OWNER JEREMIAH ADAMS

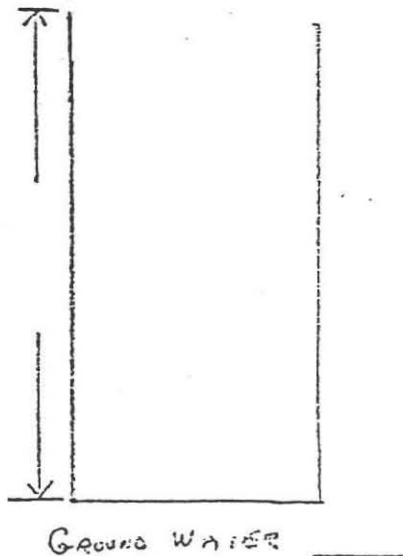
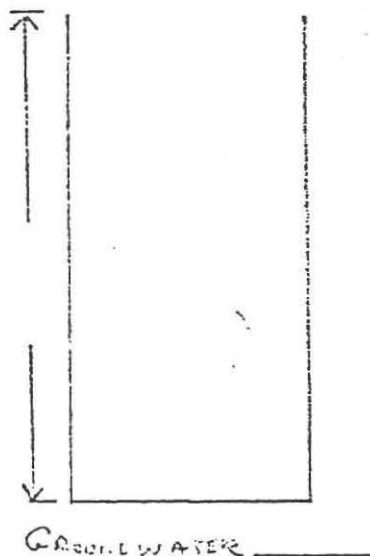
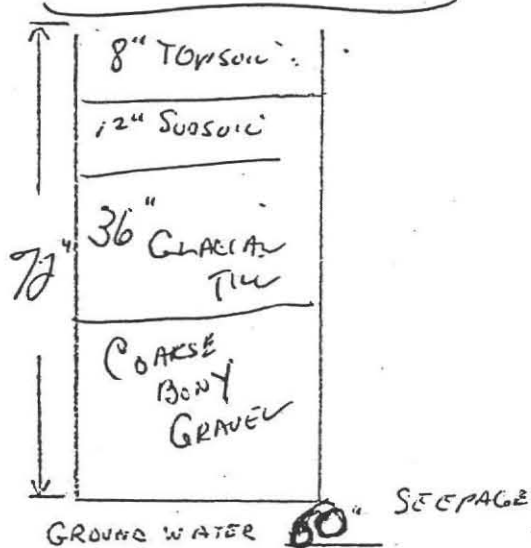
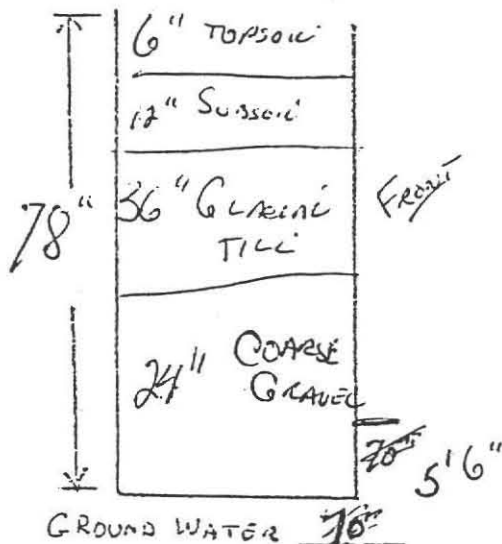
DATE 4/22/74

LOCATION LEUGRETT RD

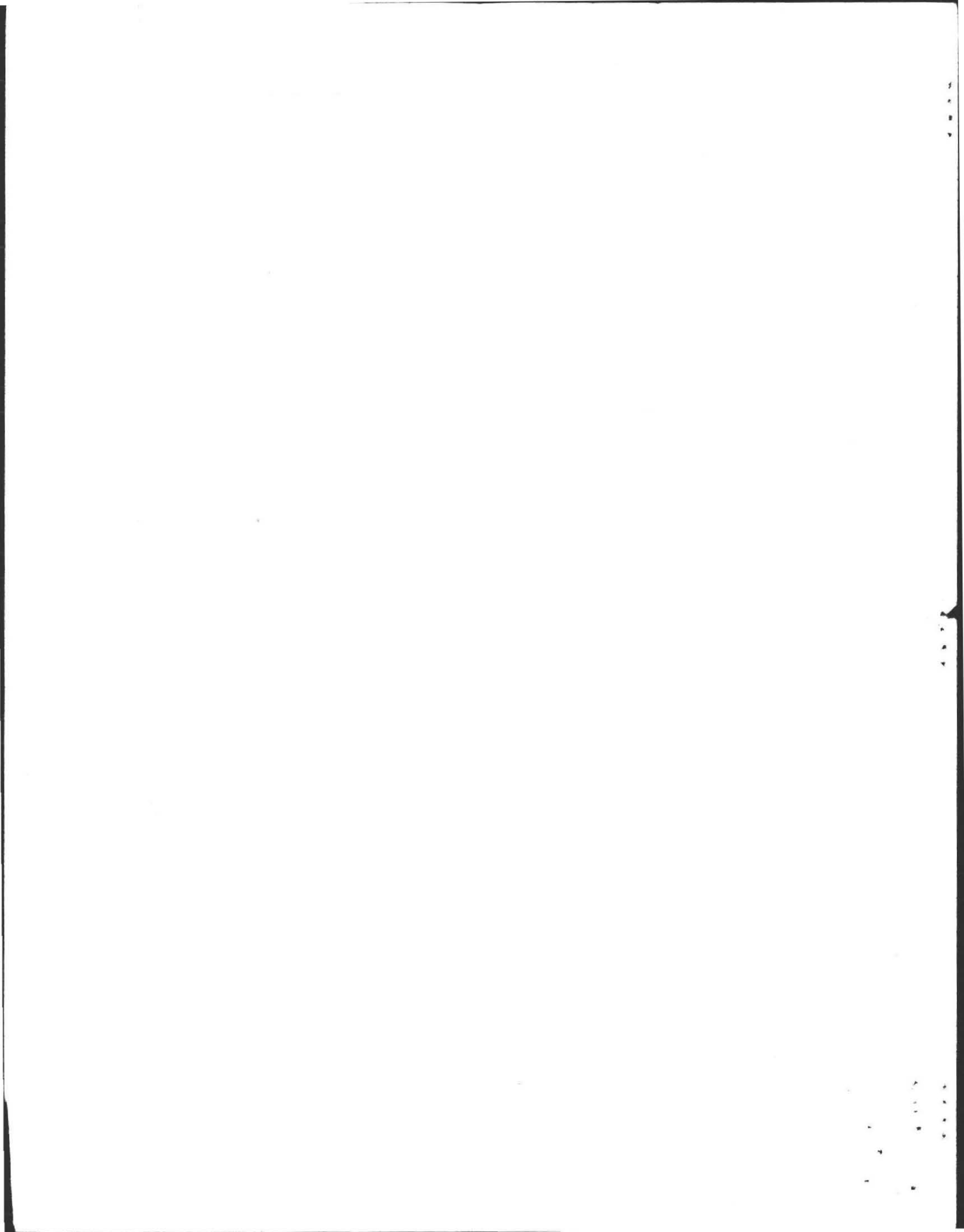
OBSERVER DR. ALICE

NORTH LOT

SOUTH LOT



BOARD OF HEALTH
AMHERST, MASS.



VALLEY WELLSRING CORPORATION

R.F.D. #3
Amherst, MA 01002
(413) 549-1764

April 20, 1988

The Commonwealth of Massachusetts
D.E.Q.E.
Western Region
436 Dwight Street
Springfield, MA 01103

Gentlemen:

These answers are in response to your February 19, 1988 Addendum.

#3 Where will the proposed septic system be located?

The septic system is located on the attached sketch plan.

#4 A topographic map is essential to locate the work site and evaluate the resource areas.

The topographic map was already submitted.

#5 Exactly what types of resource areas are involved---please describe and show on plans.

The vegetation wetland and pond are located on the attached wetland and the remainder is pasture.

#6 Plans must be provided that are to the required scale of 1"=50'. Plans should show existing and proposed contours, limit of work line and location of proposed erosion controls.

The area is flat.

The cottage will be constructed on 8" concrete dona tubes as permitted by Massachusetts Building Code.

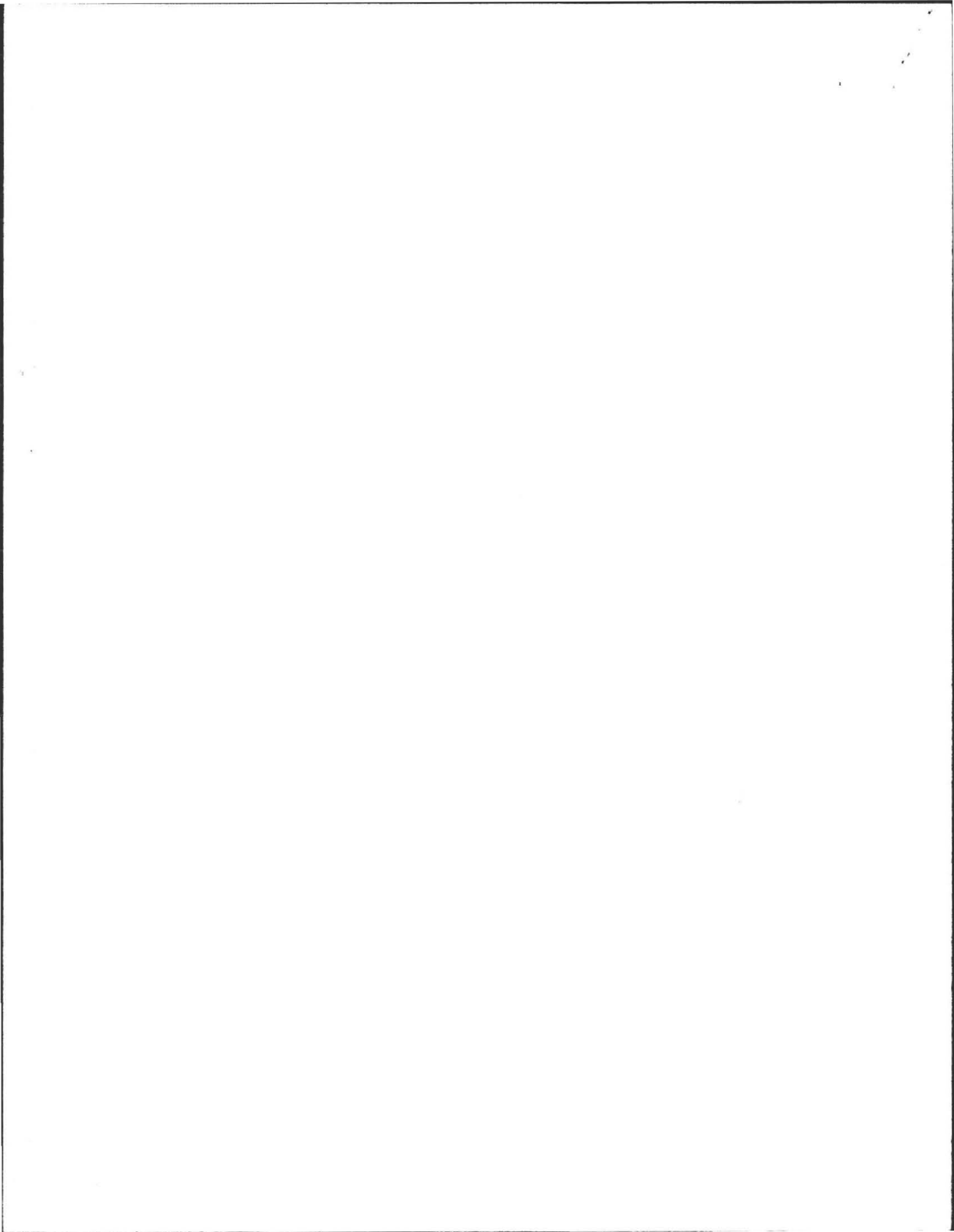
The land is not "Isolated or Bordering Land Subject to Flooding". Also there is no 100-yr floodplain around construction site.

Please contact me at 549-1817 or at the above address if further information is needed before you are able to issue the Project File number.

Thank you for your cooperation.

Sincerely,


Jeffrey Wood



The Commonwealth of Massachusetts
D.E.Q.E.
436 Dwight Street
Springfield, MA 01103

ADDENDUM TO RESPONSE

Gentlemen:

After responding to your addendum, I noticed further information required on page one of your correspondence.

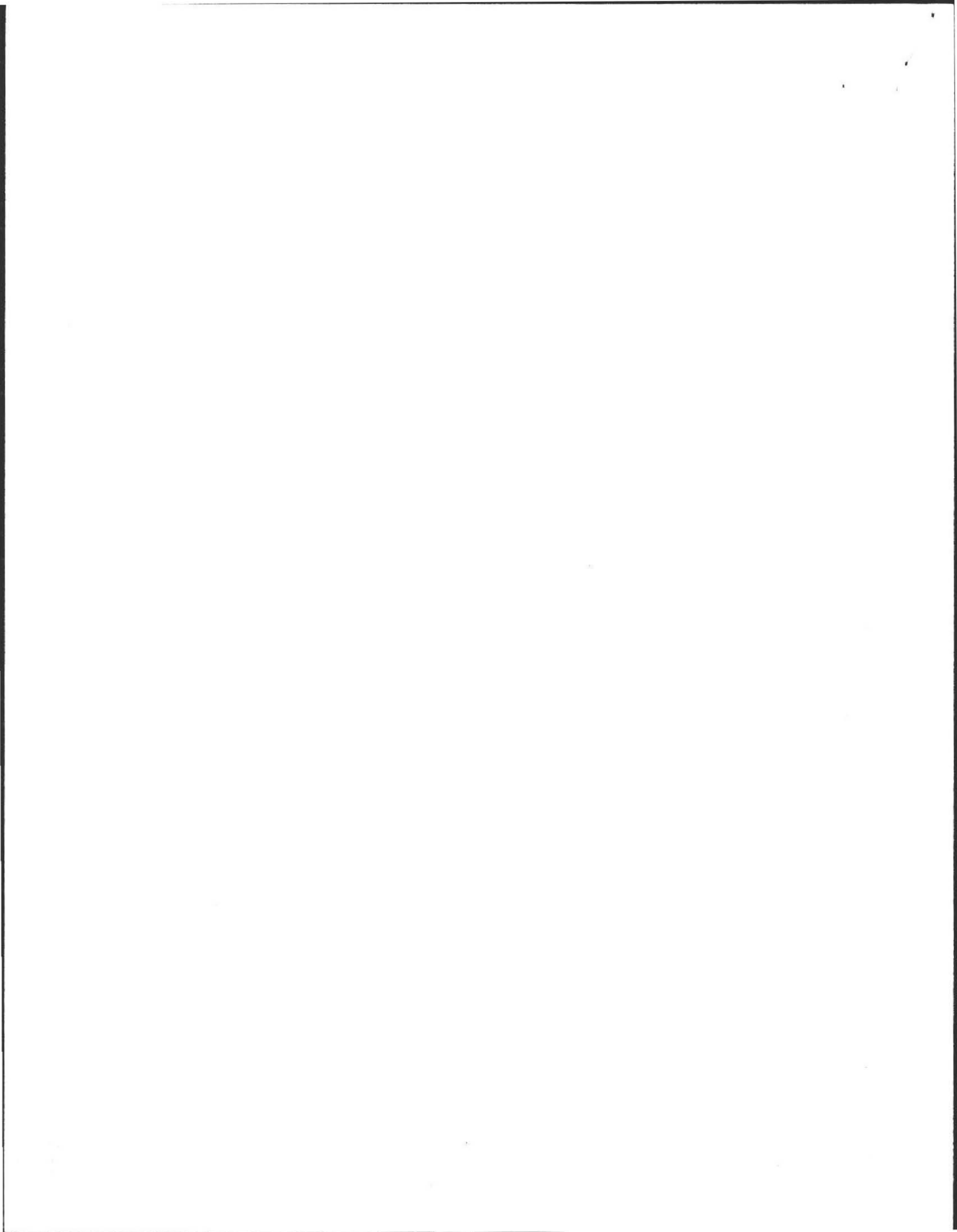
The information requested is as follows:

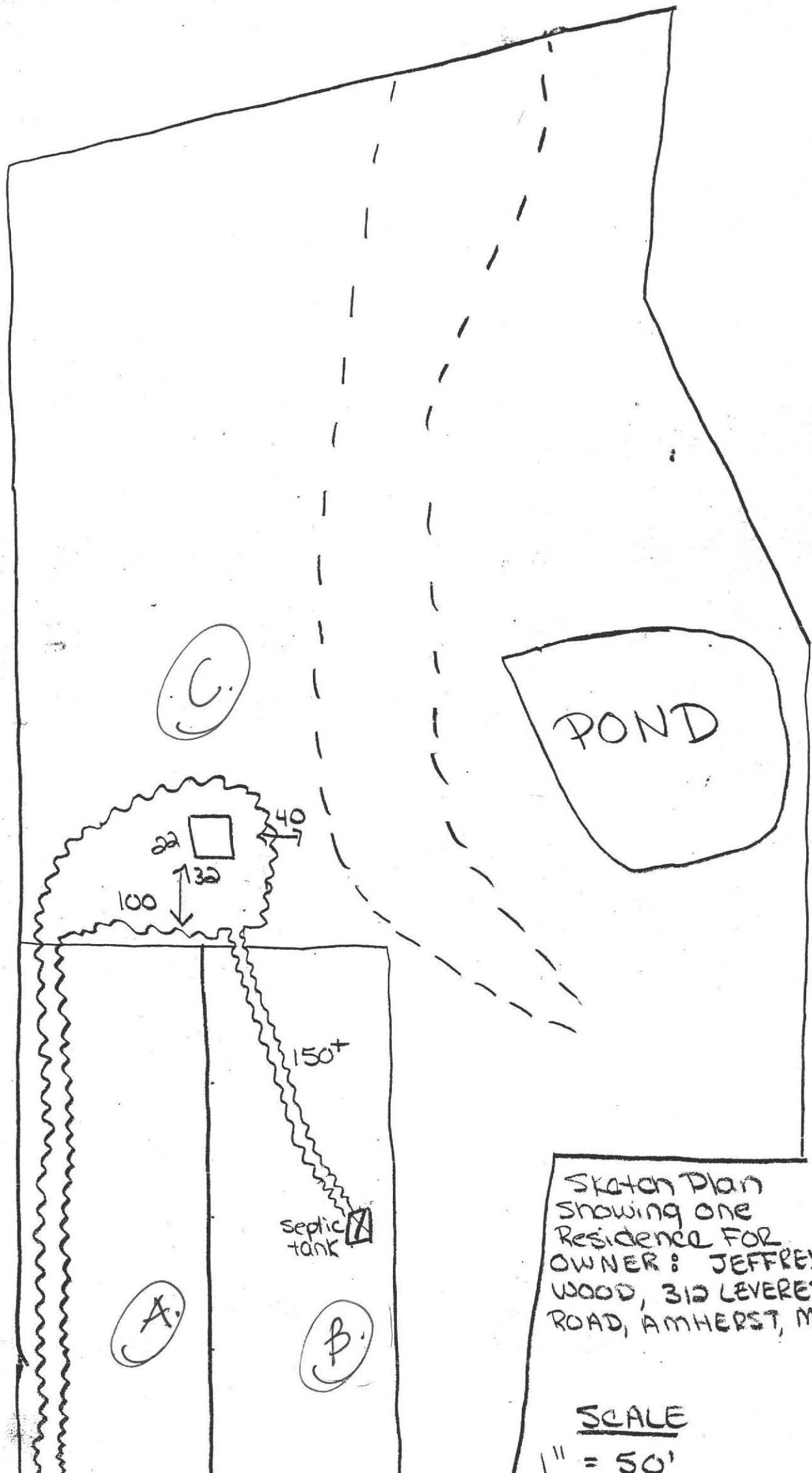
- A. Two (2) copies of plans, etc.
 - 1. Shown on 2 copies of enclosed sketch plan.
- B. Two (2) copies of an 8 ½" x 11" Section, etc.
 - 2. Two copies enclosed.
- C. Plan should delineate, etc.
 - 3. Wetland, homesite and work area shown on enclosed sketchplan.
- D. Plans and supporting documentation, etc.

I plan to build a small, single family cottage 21 x 32 feet in size within the work area shown on the attached sketch plan, along with a septic and water line trench and well also indicated. None of this work will be done within the wetland, not closer than 40 feet to the resource area, and will comply with the Amherst Conservation Commission Order of Conditions.

Sincerely,


Jeffrey Wood





Sketch Plan
 Showing one
 Residence for
 OWNER: JEFFREY
 WOOD, 312 LEVERETT
 ROAD, AMHERST, MA

SCALE

1" = 50'
 ~~~ = work area  
 --- = wetland

Leverett Road

Min.  
 \* lot must be 38,000 sq ft

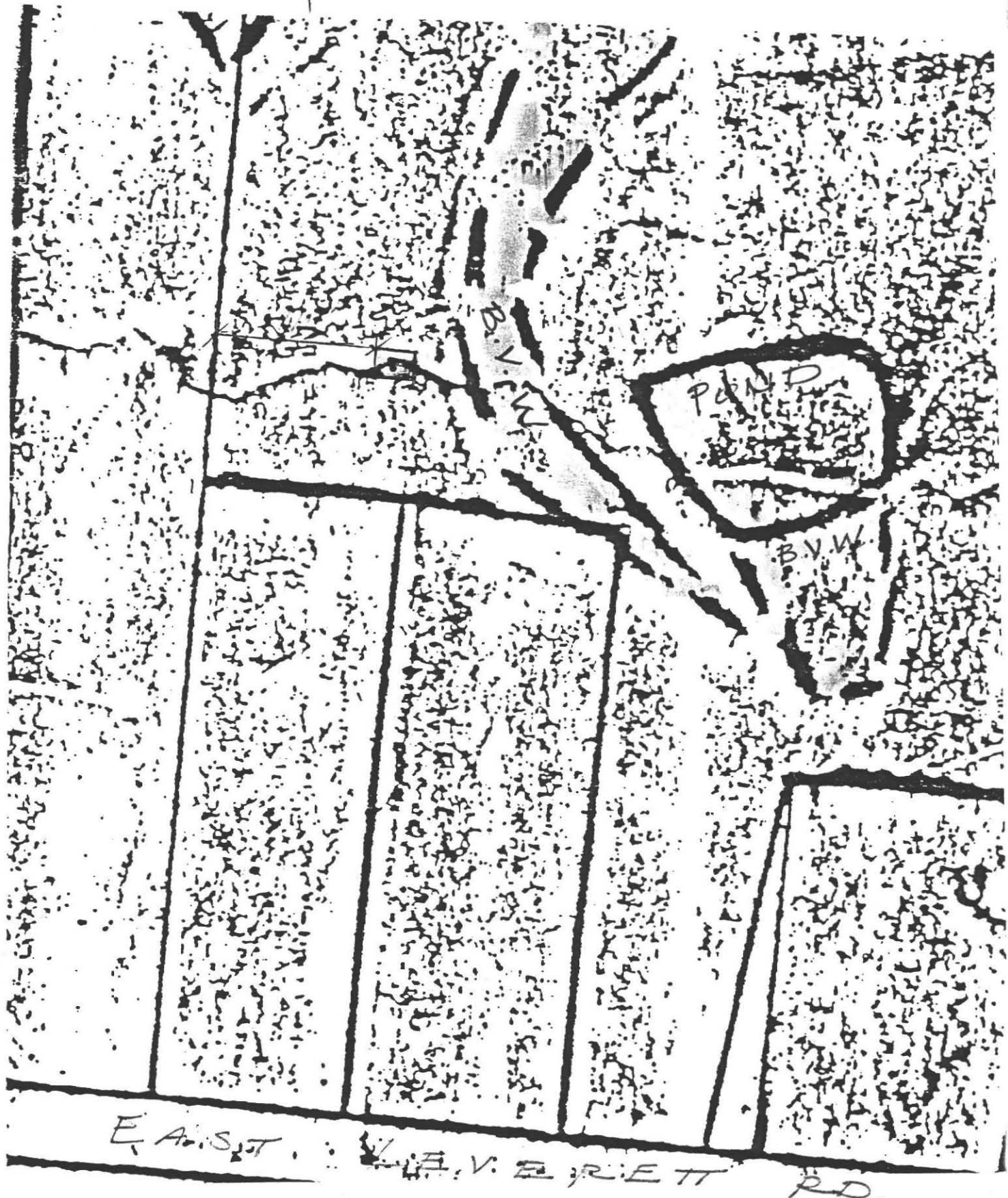
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1000  
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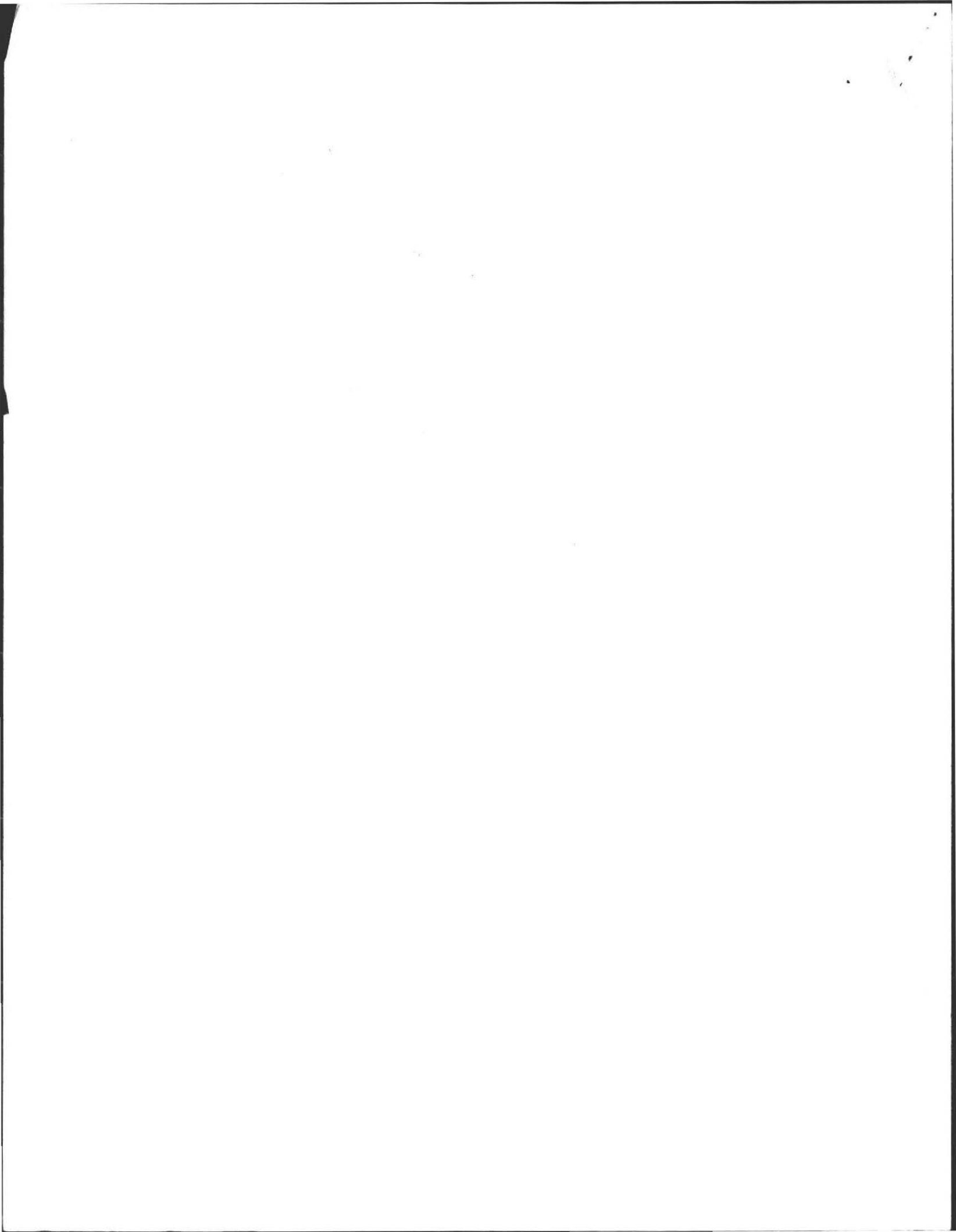


PROPOSED  
DWELLING

ML



EAST W. EVERETT RD.



Form 5



Commonwealth of Massachusetts

DEQE File No. 89-175  
(To be provided by DEQE)

City/Town Amherst

Applicant \_\_\_\_\_

Date Issued: April 19, 1988

Expiration Date: \_\_\_\_\_

**Order of Conditions  
Massachusetts Wetlands Protection Act  
G.L. c. 131, §40**

From Amherst Conservation Commission

To Jeffrey Wood Jeffrey Wood  
(Name of Applicant) (Name of property owner)

Address 312 Leverett Rd., Amherst, MA Address 312 Leverett Rd., Amherst, MA

This Order is issued and delivered as follows:

- by hand delivery to applicant or representative on \_\_\_\_\_ (date)
- by certified mail, return receipt requested on April 19, 1988 (date)

This project is located at 304 Leverett Rd., Amherst, MA 01002

The property is recorded at the Registry of Hampshire County

Book \_\_\_\_\_ Page \_\_\_\_\_

Certificate (if registered) \_\_\_\_\_

The Notice of Intent for this project was filed on February 1, 1988 (date)

The public hearing was closed on April 13, 1988 (date)

**Findings**

The Conservation Commission has reviewed the above-referenced Notice of Intent and plans and has held a public hearing on the project. Based on the information available to the Commission at this time, the Commission has determined that the area on which the proposed work is to be done is significant to the following interests in accordance with the Presumptions of Significance set forth in the regulations for each Area Subject to Protection Under the Act (check as appropriate):

- |                                                          |                                                             |                                                         |
|----------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Public water supply             | <input checked="" type="checkbox"/> Flood control           | <input type="checkbox"/> Land containing shellfish      |
| <input checked="" type="checkbox"/> Private water supply | <input type="checkbox"/> Storm damage prevention            | <input type="checkbox"/> Fisheries                      |
| <input checked="" type="checkbox"/> Ground water supply  | <input checked="" type="checkbox"/> Prevention of pollution | <input type="checkbox"/> Protection of wildlife habitat |

Therefore, the Conservation Commission hereby finds that the following conditions are necessary, in accordance with the Performance Standards set forth in the regulations, to protect those interests checked above. The Commission orders that all work shall be performed in accordance with said conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications or other proposals submitted with the Notice of Intent, the conditions shall control.

#### General Conditions

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. This Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state or local statutes, ordinances, by-laws or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
  - (a) the work is a maintenance dredging project as provided for in the Act; or
  - (b) the time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance and both that date and the special circumstances warranting the extended time period are set forth in this Order.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order.
6. Any fill used in connection with this project shall be clean fill, containing no trash, refuse, rubbish or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles or parts of any of the foregoing.
7. No work shall be undertaken until all administrative appeal periods from this Order have elapsed or, if such an appeal has been filed, until all proceedings before the Department have been completed.
8. No work shall be undertaken until the Final Order has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is to be done. The recording information shall be submitted to the Commission on the form at the end of this Order prior to commencement of the work.
9. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words, "Massachusetts Department of Environmental Quality Engineering,  
File Number 89-175"
10. Where the Department of Environmental Quality Engineering is requested to make a determination and to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before the Department.
11. Upon completion of the work described herein, the applicant shall forthwith request in writing that a Certificate of Compliance be issued stating that the work has been satisfactorily completed.
12. The work shall conform to the following plans and special conditions:

Issued By Amherst Conservation Commission

Signature(s)  
\_\_\_\_\_  
\_\_\_\_\_  
Joanne M. Kuznetsov

This Order must be signed by a majority of the Conservation Commission.

On this 19th day of April, 1988, before me personally appeared Peter Westares, to me known to be the Conservation Director and acknowledges that the above are the signatures of the Conservation Commission.

Clayton A. Greenwood My Commission Expires Jan. 27, 1995  
Notary Public My commission expires

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land upon which the proposed work is to be done or any ten residents of the city or town in which such land is located are hereby notified of their right to request the Department of Environmental Quality Engineering to issue a Superseding Order, providing the request is made by certified mail or hand delivery to the Department within ten days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and the applicant.

Detach on dotted line and submit to the \_\_\_\_\_ prior to commencement of work.

To \_\_\_\_\_ Issuing Authority

Please be advised that the Order of Conditions for the project at \_\_\_\_\_

File Number \_\_\_\_\_ has been recorded at the Registry of \_\_\_\_\_ and

has been noted in the chain of title of the affected property in accordance with General Condition 8 on \_\_\_\_\_, 19\_\_\_\_

If recorded land, the instrument number which identifies this transaction is \_\_\_\_\_

If registered land, the document number which identifies this transaction is \_\_\_\_\_

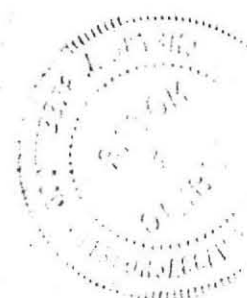
Signature \_\_\_\_\_ Applicant

Plans:

| Title     | Dated  | Signed and Stamped by: | On File with:           |
|-----------|--------|------------------------|-------------------------|
| Site Plan | 2-1-88 | Jeff Wood              | Conservation Commission |
|           |        |                        |                         |
|           |        |                        |                         |
|           |        |                        |                         |

Special Conditions (use additional paper if necessary)

PLEASE SEE ATTACHED

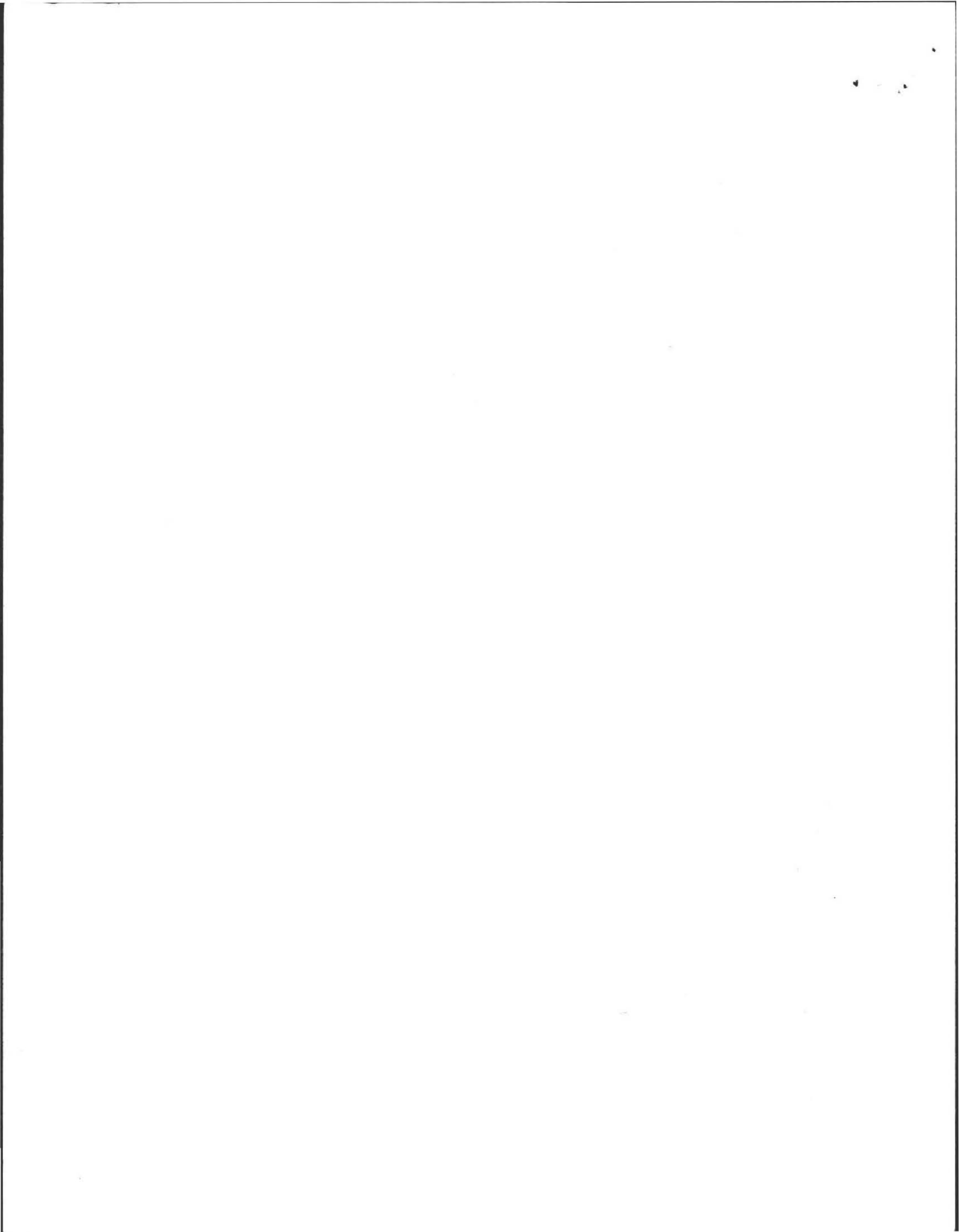


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Jeffrey Wood/Leverett Rd  
Order of Conditions

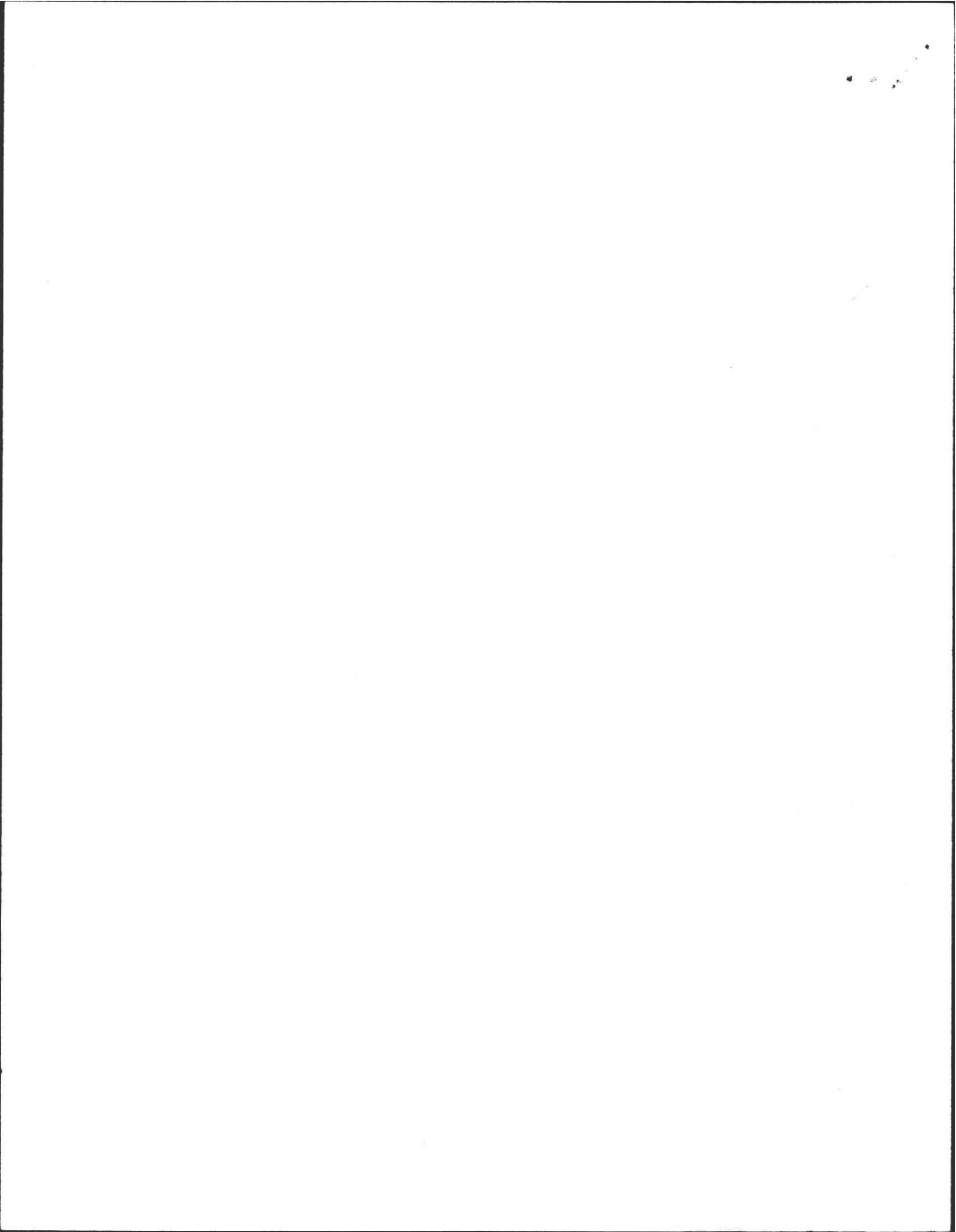
DEQE File # 89-175

1. Work shall conform to plan map entitled Abbreviated Notice of Intent, with attached site sketch, Dated February 1, 1988, as presented to the Commission in the public hearing of March 23, 1988, except as specified in further conditions below.
2. Before beginning any work on the site, the applicant shall record this Order with the Hampshire County Registry of Deeds and shall forward to the Commission a receipt verifying the recording.
3. Before any work on the site begins, the applicant shall provide to the Commission a cash performance deposit made out to the Town of Amherst in the amount of \$1,000. The deposit will be kept in an interest-bearing account.
4. Before beginning any work on the site, the applicant shall display a sign (not less than two square feet nor more than three square feet in size) bearing the words "Mass DEQE File No. 89- 175."
5. Before any work on the site begins, the applicant shall meet at the site with the Commission or its staff to review the Order of Conditions and the planned sequence of events.
6. No work on the site may commence until a no work line of 40' from the bordering vegetated wetland has been established and adequate erosion and sedimentation control measures implemented. Hay bale erosion control barriers shall be doubly staked, having their ends butted one against another without leaving appreciable space for sediment to travel through the barrier.
7. The applicant shall notify the Commission at least 48 hours before further work on the site begins to enable the Commission to inspect the site to insure that condition #4 and condition #6 (of the Special Conditions) are complied with.
8. Under no condition is a well to be dug for or installed within the bordering vegetated wetland resource area or within the 40 ft. no work area.
9. No movement of equipment, stockpiling of fill or other materials, or any other site disturbance shall take place on the wetland side of the siltation fence (hay bale) that designates the limit of work.
10. All vehicles used on the site shall be free of gas and oil leaks.
11. The Commission reserves the right to stop all work on the site in the event of noncompliance with any of the above conditions until compliance is attained and any damage repaired in full.





12. After receiving verification from the Commission that all site work covered by this Order has been completed in a satisfactory manner, all accumulated sediment and debris shall be removed from the siltation barrier and the barrier removed.
13. Final as built plans shall be provided to the Commission before a Certificate of Compliance is issued. Such plan shall indicate in a clear manner the final conditions of the site ie. (locations of the dwelling, driveway, well, septic system and other site alterations).
14. The applicant shall request the issuance of a Certificate of Compliance and return of the performance deposit from the Commission after all items covered under this Order have been completed and verified by the Commission.
15. The Commission reserves the right to amend this Order after a legally advertised public hearing if changed conditions or new information so warrant.





Commonwealth of Massachusetts

DEQE File No. [ ]

(To be provided by DEQE)

City/Town Amherst

Applicant \_\_\_\_\_

**Abbreviated Notice of Intent** Date Received 2-1-88  
**Massachusetts Wetlands Protection Act, G.L. c. 131, §40**

To be used only for projects of minimum impact, as described in the General Instructions for Completing the Notice of Intent.

1. Location: Street Address 304 Leverett Rd Amherst Lot Number Portion 3-6 2

2. Project: Type home construction Description \_\_\_\_\_  
I plan to construct a cottage, hopefully on pilings, of  
under 700 sq feet.

3. Registry: County \_\_\_\_\_ Current Book 89 & Page 39

Certificate (If Registered Land) \_\_\_\_\_

4. Applicant: Jeffrey Wood Tel. 549-1764

Address: 312 Leverett Road, Amherst

5. Property Owner: Same Tel. \_\_\_\_\_

Address: \_\_\_\_\_

6. Representative: Same Tel. \_\_\_\_\_

Address: \_\_\_\_\_

7. Have the Conservation Commission and DEQE Regional Office each been sent, by certified mail or hand delivery, 2 copies of completed Notice of Intent, with supporting plans and documents?

Yes  No

8. Have all obtainable permits, variances and approvals required by local <sup>zoning</sup> by-law been obtained or applied for? Yes  No

Obtained:

Applied For:

Not Applied For:

Building permit  
septic permit

9. Is any portion of the site subject to a Wetlands Restriction Order pursuant to G.L. c. 131, §40A or G.L. c. 130, §105? Yes  No

10. List all plans and supporting documents submitted with this Notice of Intent.

Identifying

Number/Letter

Title/Date

Exhibit A

Sketch plan of proposed building site

11. For work proposed within the Buffer Zone (as defined in Part I, Sections 10.02(2) and 10.04 of the regulations) describe, with reference to supporting plans and calculations where necessary:

(a) The size, shape, type and location of the proposed work.

*see exhibit A.*

(b) Mitigating measures and designs to insure that the proposed work will not alter the resource area which said Buffer Zone borders; or if it will alter said resource area, the mitigating measures and designs proposed to meet the performance standard established for that resource area in Part II or Part III of these regulations.

*see exhibit A*

12. For work proposed within Land Subject to Flooding (as defined in Part III, Section 10.57(2) of the regulations) describe, with reference to supporting plans and calculations where necessary:

(a) The size, shape, type and location of the proposed work.

*not subject to flooding*

(b) Mitigating measures and designs proposed to meet the performance standards set forth in Part III, Sections 10.57(4) and 10.60 of the regulations.

13. For proposed work within Land Subject to Flooding which will alter said resource area, or for proposed work in a Buffer Zone which will alter the resource area which said Buffer Zone borders, is the area which will be altered located on the most recent Estimated Habitat Map (if any) of rare, "state-listed" vertebrate and invertebrate animal species occurrences provided to the conservation commission by the Natural Heritage and Endangered Species Program?

YES  NO [ ]  
NO MAP AVAILABLE [ ]

Date printed on the Estimated Habitat Map issued (if any) NOV, 1987

If yes, have you completed an Appendix A and a Notice of Intent and filed them, along with supporting documentation with the Natural Heritage and Endangered Species Program in person, or by courier or registered mail, so that the Program shall have received Appendix A prior to the filing of this Notice of Intent?

YES  NO [ ]

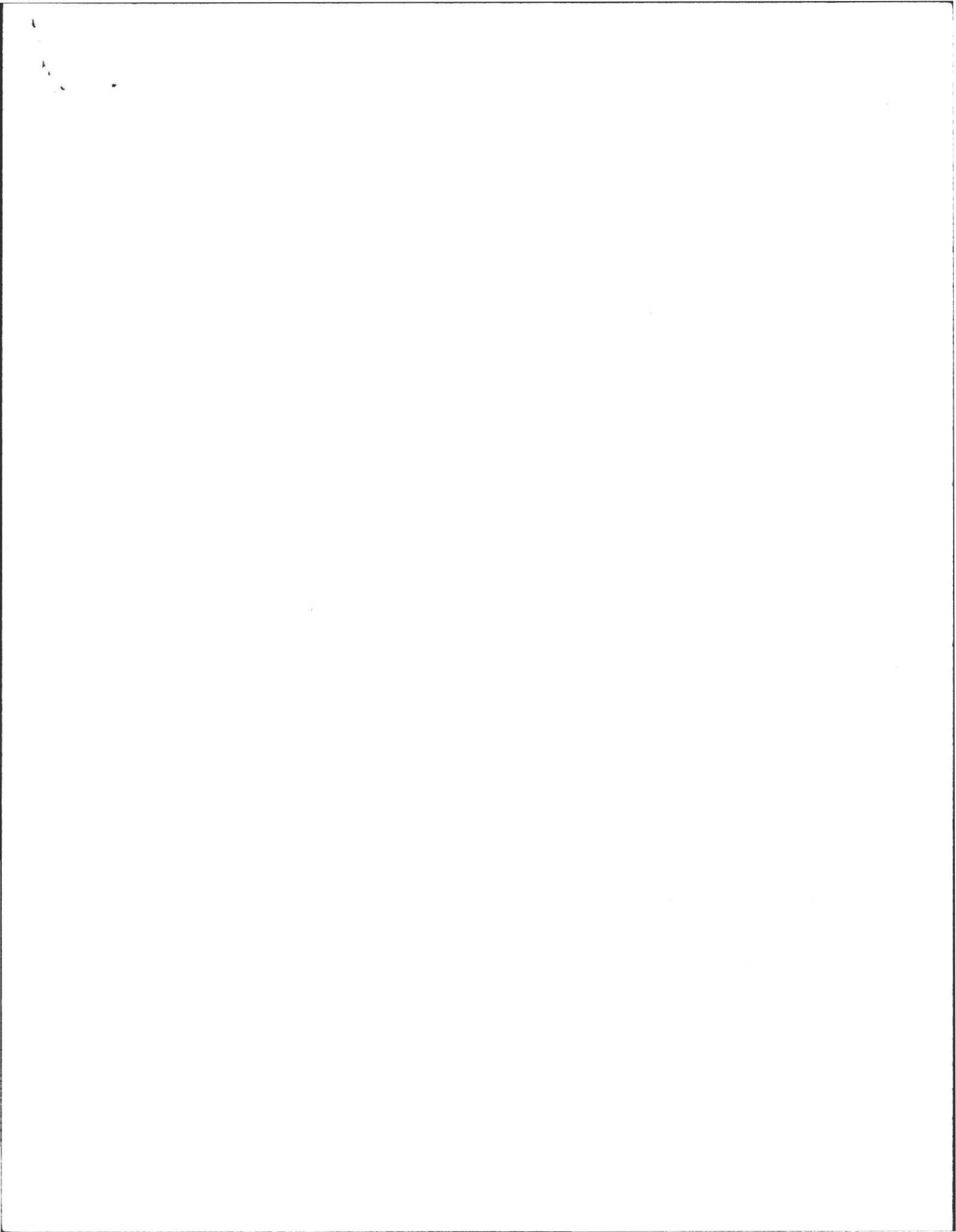
I hereby certify under the pains and penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents and supporting data are true and complete, to the best of my knowledge.

Jeffrey Wood  
Signature of Applicant

February 1, 1998  
Date

\_\_\_\_\_  
Signature of Applicant's Representative

\_\_\_\_\_  
Date





Commonwealth of Massachusetts  
Executive Office of Environmental Affairs

## Department of Environmental Protection

William F. Weld  
Governor  
Trudy Coxe  
Secretary, EOE  
David B. Struhs  
Commissioner

### SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART A CERTIFICATION

Property Address: 304 LEVINGET RD AMHERST, MA. Address of Owner: JEFFREY R. WOOD  
Date of Inspection: 5-10-03 (If different) 312 LEVINGET RD  
Name of Inspector: LEONARD W BUCK AMHERST  
Company Name, Address and Telephone Number:  
BUCK BUILDERS, 340 RIVER DR HADLEY, MA 01002  
413 549 7338

#### CERTIFICATION STATEMENT

I certify that I have personally inspected the sewage disposal system at this address and that the information reported below is true, accurate and complete as of the time of inspection. The inspection was performed based on my training and experience in the proper function and maintenance of on-site sewage disposal systems. The system:

- Passes  
 Conditionally Passes  
 Needs Further Evaluation By the Local Approving Authority  
 Fails

Inspector's Signature:

Date:

5-10-03

The System Inspector shall submit a copy of this inspection report to the Approving Authority within thirty (30) days of completing this inspection. If the system is a shared system or has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the Department of Environmental Protection. The original should be sent to the system owner and copies sent to the buyer, if applicable and the approving authority.

#### INSPECTION SUMMARY:

Check A, B, C, or D:

##### A) SYSTEM PASSES:

I have not found any information which indicates that the system violates any of the failure criteria as defined in 310 CMR 15.303. Any failure criteria not evaluated are indicated below.

##### B) SYSTEM CONDITIONALLY PASSES:

One or more system components need to be replaced or repaired. The system, upon completion of the replacement or repair, passes inspection.

Indicate yes, no, or not determined (Y, N, or ND). Describe basis of determination in all instances. If "not determined", explain why not.

The septic tank is metal, cracked, structurally unsound, shows substantial infiltration or exfiltration, or tank failure is imminent. The system will pass inspection if the existing septic tank is replaced with a conforming septic tank as approved by the Board of Health.

**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART A  
CERTIFICATION (continued)**

Property Address:  
Owner:  
Date of Inspection:

**B] SYSTEM CONDITIONALLY PASSES (continued)**

- Sewage backup or breakout or high static water level observed in the distribution box is due to broken or obstructed pipe(s) or due to a broken, settled or uneven distribution box. The system will pass inspection if (with approval of the Board of Health):
- broken pipe(s) are replaced
  - obstruction is removed
  - distribution box is levelled or replaced
- The system required pumping more than four times a year due to broken or obstructed pipe(s). The system will pass inspection if (with approval of the Board of Health):
- broken pipe(s) are replaced
  - obstruction is removed

**C] FURTHER EVALUATION IS REQUIRED BY THE BOARD OF HEALTH:**

Conditions exist which require further evaluation by the Board of Health in order to determine if the system is failing to protect the public health, safety and the environment.

**1) SYSTEM WILL PASS UNLESS BOARD OF HEALTH DETERMINES THAT THE SYSTEM IS NOT FUNCTIONING IN A MANNER WHICH WILL PROTECT THE PUBLIC HEALTH AND SAFETY AND THE ENVIRONMENT:**

- Cesspool or privy is within 50 feet of a surface water
- Cesspool or privy is within 50 feet of a bordering vegetated wetland or a salt marsh.

**2) SYSTEM WILL FAIL UNLESS THE BOARD OF HEALTH (AND PUBLIC WATER SUPPLIER, IF APPROPRIATE) DETERMINES THAT THE SYSTEM IS FUNCTIONING IN A MANNER THAT PROTECT THE PUBLIC HEALTH AND SAFETY AND THE ENVIRONMENT:**

- The system has a septic tank and soil absorption system and is within 100 feet to a surface water supply or tributary to a surface water supply.
- The system has a septic tank and soil absorption system and is within a Zone I of a public water supply well.
- The system has a septic tank and soil absorption system and is within 50 feet of a private water supply well.
- The system has a septic tank and soil absorption system and is less than 100 feet but 50 feet or more from a private water supply well, unless a well water analysis for coliform bacteria and volatile organic compounds indicates that the well is free from pollution from that facility and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm.

**D] SYSTEM FAILS:**

I have determined that the system violates one or more of the following failure criteria as defined in 310 CMR 15.303. The basis for this determination is identified below. The Board of Health should be contacted to determine what will be necessary to correct the failure.

- Backup of sewage into facility or system component due to an overloaded or clogged SAS or cesspool.
- Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool.



**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM**  
**PART A**  
**CERTIFICATION (continued)**

Property Address: 304 LEVERETT RD AMHERST  
Owner: J. WOOD  
Date of Inspection: 5-10-03

**D] SYSTEM FAILS (continued):**

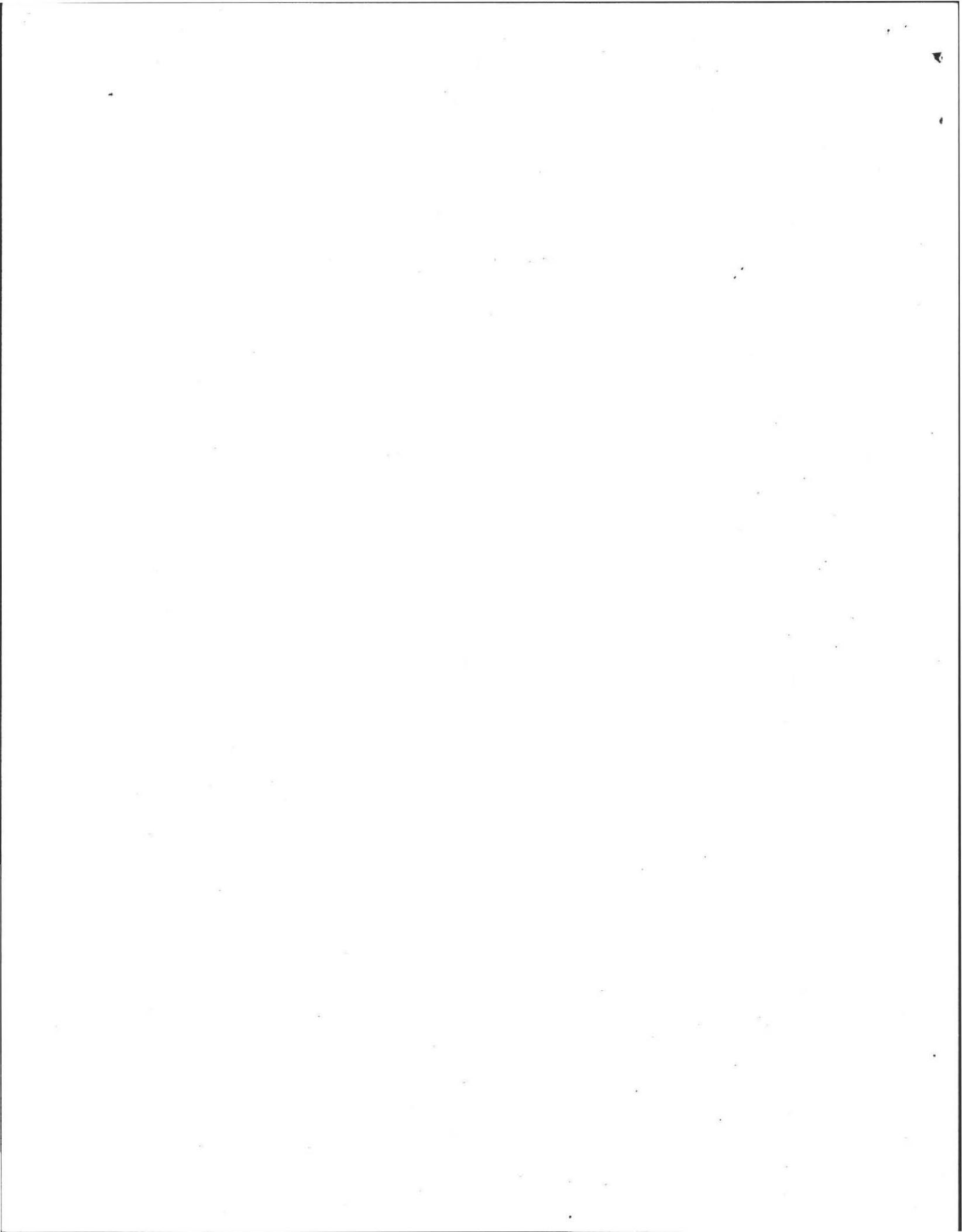
- Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool.
- Liquid depth in cesspool is less than 6" below invert or available volume is less than 1/2 day flow.
- Required pumping more than 4 times in the last year **NOT** due to clogged or obstructed pipe(s).  
Number of times pumped \_\_\_\_\_
- Any portion of the Soil Absorption System, cesspool or privy is below the high groundwater elevation.
- Any portion of a cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.
- Any portion of a cesspool or privy is within a Zone I of a public well.
- Any portion of a cesspool or privy is within 50 feet of a private water supply well.
- Any portion of a cesspool or privy is less than 100 feet but greater than 50 feet from a private water supply well with **no** acceptable water quality analysis. If the well has been analyzed to be acceptable, attach copy of well water analysis for coliform bacteria, volatile organic compounds, ammonia nitrogen and nitrate nitrogen.

**E] LARGE SYSTEM FAILS:**

The following criteria apply to large systems in addition to the criteria above:

- The design flow of system is 10,000 gpd or greater (Large System) and the system is a significant threat to public health and safety and the environment because one or more of the following conditions exist:
  - the system is within 400 feet of a surface drinking water supply
  - the system is within 200 feet of a tributary to a surface drinking water supply
  - the system is located in a nitrogen sensitive area (Interim Wellhead Protection Area (IWPA) or a mapped Zone II of a public water supply well)

The owner or operator of any such system shall bring the system and facility into full compliance with the groundwater treatment program requirements of 314 CMR 5.00 and 6.00. Please consult the local regional office of the Department for further information.

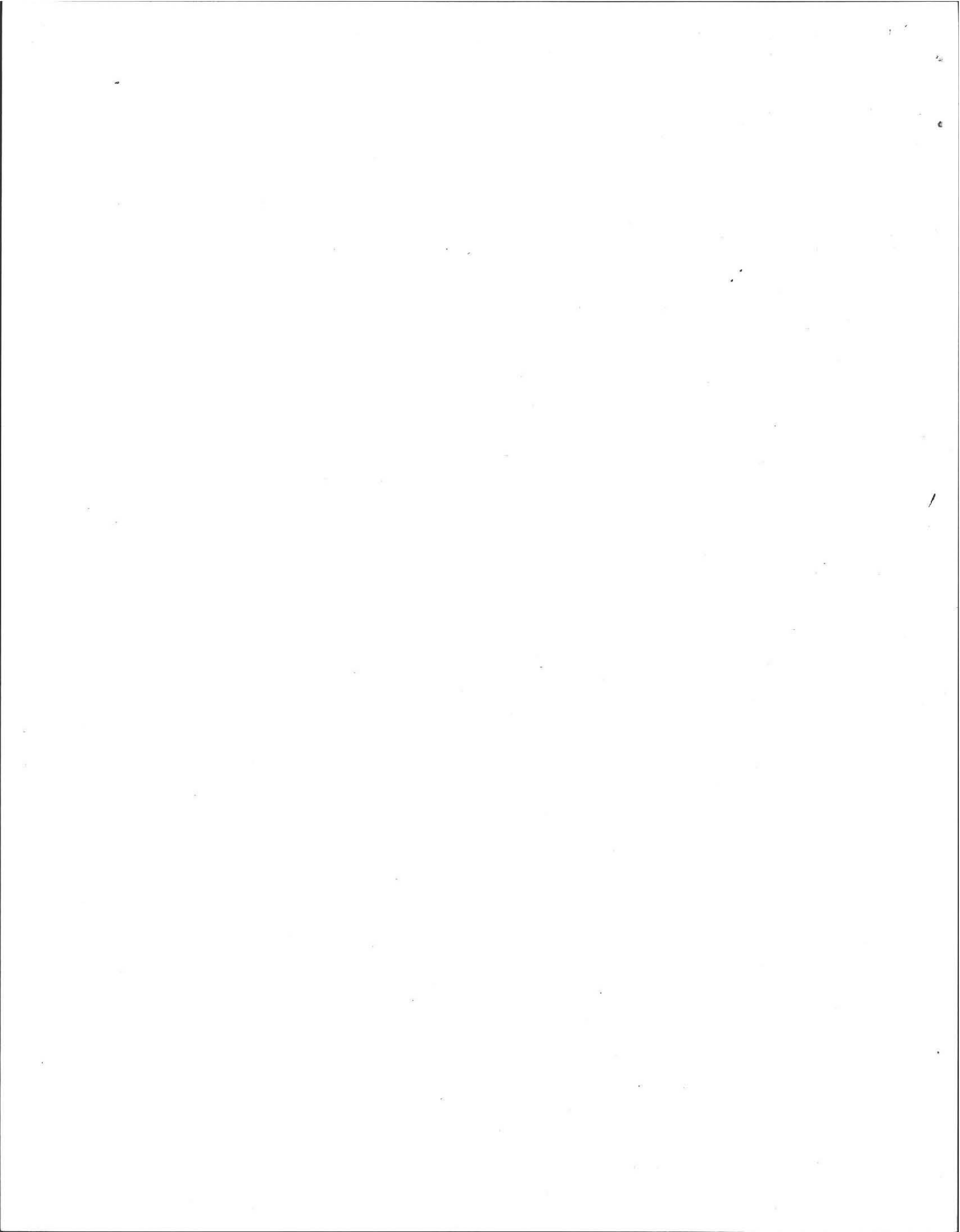


**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART B  
CHECKLIST**

Property Address: 304 LEBURGTT RD AMHERST  
Owner: J. WOOD  
Date of Inspection: 5-10-03

Check if the following have been done:

- Pumping information was requested of the owner, occupant, and Board of Health.
- None of the system components have been pumped for at least two weeks and the system has been receiving normal flow rates during that period. Large volumes of water have not been introduced into the system recently or as part of this inspection.
- As built plans have been obtained and examined. Note if they are not available with N/A.
- The facility or dwelling was inspected for signs of sewage back-up.
- The system does not receive non-sanitary or industrial waste flow
- The site was inspected for signs of breakout.
- All system components, excluding the Soil Absorption System, have been located on the site.
- The septic tank manholes were uncovered, opened, and the interior of the septic tank was inspected for condition of baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge, depth of scum.
- The size and location of the Soil Absorption System on the site has been determined based on existing information or approximated by non-intrusive methods.
- The facility owner (and occupants, if different from owner) were provided with information on the proper maintenance of Sub-Surface Disposal System.



**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM**  
**PART C**  
**SYSTEM INFORMATION (continued)**

Property Address:  
Owner:  
Date of Inspection:

SEPTIC TANK: YES  
(locate on site plan)

Depth below grade: 10"  
Material of construction:  concrete  metal  FRP  other(explain)

Dimensions: 8'-6" x 54" x 64"  
Sludge depth: 2 1/2"  
Distance from top of sludge to bottom of outlet tee or baffle: 35"  
Scum thickness: 1"  
Distance from top of scum to top of outlet tee or baffle: 8"  
Distance from bottom of scum to bottom of outlet tee or baffle: 23"

Comments:  
(recommendation for pumping, condition of inlet and outlet tees or baffles, depth of liquid level in relation to outlet invert, structural integrity, evidence of leakage, etc.) SYSTEM HAS BEEN MAINTAINED VERY CONSCIENTIOUSLY  
NO LEAKAGE GOOD CONDITION

GREASE TRAP: NO  
(locate on site plan)

Depth below grade: \_\_\_\_\_  
Material of construction:  concrete  metal  FRP  other(explain)

Dimensions: \_\_\_\_\_  
Scum thickness: \_\_\_\_\_  
Distance from top of scum to top of outlet tee or baffle: \_\_\_\_\_  
Distance from bottom of scum to bottom of outlet tee or baffle: \_\_\_\_\_

Comments:  
(recommendation for pumping, condition of inlet and outlet tees or baffles, depth of liquid level in relation to outlet invert, structural integrity, evidence of leakage, etc.) \_\_\_\_\_

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART C  
SYSTEM INFORMATION

Property Address: 304 LEVERETT RD AMHERST, MA  
Owner: J. WOOD  
Date of Inspection: 5-10-03

FLOW CONDITIONS

RESIDENTIAL:

Design flow: 330 gallons  
Number of bedrooms: 3  
Number of current residents: 2  
Garbage grinder (yes or no): NO  
Laundry connected to system (yes or no): YES  
Seasonal use (yes or no): NO  
Water meter readings, if available: \_\_\_\_\_

Last date of occupancy: PREVIOUSLY OCCUPIED

COMMERCIAL/INDUSTRIAL:

Type of establishment: \_\_\_\_\_  
Design flow: \_\_\_\_\_ gallons/day  
Grease trap present: (yes or no) \_\_\_\_\_  
Industrial Waste Holding Tank present: (yes or no) \_\_\_\_\_  
Non-sanitary waste discharged to the Title 5 system: (yes or no) \_\_\_\_\_  
Water meter readings, if available: \_\_\_\_\_

Last date of occupancy: \_\_\_\_\_

OTHER: (Describe) \_\_\_\_\_

Last date of occupancy: \_\_\_\_\_

GENERAL INFORMATION

PUMPING RECORDS and source of information:

PUMPED ANNUALLY  
System pumped as part of inspection: (yes or no) YES  
If yes, volume pumped: 1000 gallons  
Reason for pumping: TO INSPECT CONDITION OF TANK

TYPE OF SYSTEM

Septic tank/distribution box/soil absorption system  
 Single cesspool  
 Overflow cesspool  
 Privy  
 Shared system (yes or no) (if yes, attach previous inspection records, if any)  
 Other (explain) \_\_\_\_\_

APPROXIMATE AGE of all components, date installed (if known) and source of information: 1990 INSTALLED (OWNER'S AGENT)

Sewage odors detected when arriving at the site: (yes or no) NO

**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART C  
SYSTEM INFORMATION (continued)**

**Property Address:**  
**Owner:**  
**Date of Inspection:**

**SOIL ABSORPTION SYSTEM (SAS):** YES  
(locate on site plan, if possible; excavation not required, but may be approximated by non-intrusive methods)

If not determined to be present, explain:

\_\_\_\_\_

Type:

leaching pits, number: \_\_\_\_\_  
leaching chambers, number: \_\_\_\_\_  
leaching galleries, number: \_\_\_\_\_  
leaching trenches, number, length: \_\_\_\_\_  
leaching fields, number, dimensions: X YES - ONE  
overflow cesspool, number: \_\_\_\_\_

Comments: (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.) \_\_\_\_\_

\_\_\_\_\_

**CESSPOOLS:** NO  
(locate on site plan)

Number and configuration: \_\_\_\_\_  
Depth-top of liquid to inlet invert: \_\_\_\_\_  
Depth of solids layer: \_\_\_\_\_  
Depth of scum layer: \_\_\_\_\_  
Dimensions of cesspool: \_\_\_\_\_  
Materials of construction: \_\_\_\_\_  
Indication of groundwater: \_\_\_\_\_  
inflow (cesspool must be pumped as part of inspection) \_\_\_\_\_

Comments: (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.) \_\_\_\_\_

\_\_\_\_\_

**PRIVY:** NO  
(locate on site plan)

Materials of construction: \_\_\_\_\_ Dimensions: \_\_\_\_\_  
Depth of solids: \_\_\_\_\_  
Comments: (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.) \_\_\_\_\_

\_\_\_\_\_

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART C  
SYSTEM INFORMATION (continued)

Property Address: 304 LEVERETT RD  
Owner: J. WOOD  
Date of Inspection: 5-10-03

TIGHT OR HOLDING TANK: NO  
(locate on site plan)

Depth below grade: \_\_\_\_\_  
Material of construction: \_\_\_concrete \_\_\_metal \_\_\_FRP \_\_\_other(explain)

Dimensions: \_\_\_\_\_  
Capacity: \_\_\_\_\_ gallons  
Design flow: \_\_\_\_\_ gallons/day  
Alarm level: \_\_\_\_\_

Comments:  
(condition of inlet tee, condition of alarm and float switches, etc.)

DISTRIBUTION BOX: YES  
(locate on site plan)

Depth of liquid level above outlet invert: 0"

Comments:  
(note if level and distribution is equal, evidence of solids carryover, evidence of leakage into or out of box, etc.)

CLEAN, GOOD CONDITION - WELL MAINTAINED SYSTEM  
NO SOLIDS

PUMP CHAMBER: NO  
(locate on site plan)

Pumps in working order:(yes or no) \_\_\_\_\_

Comments:  
(note condition of pump chamber, condition of pumps and appurtenances, etc.) \_\_\_\_\_

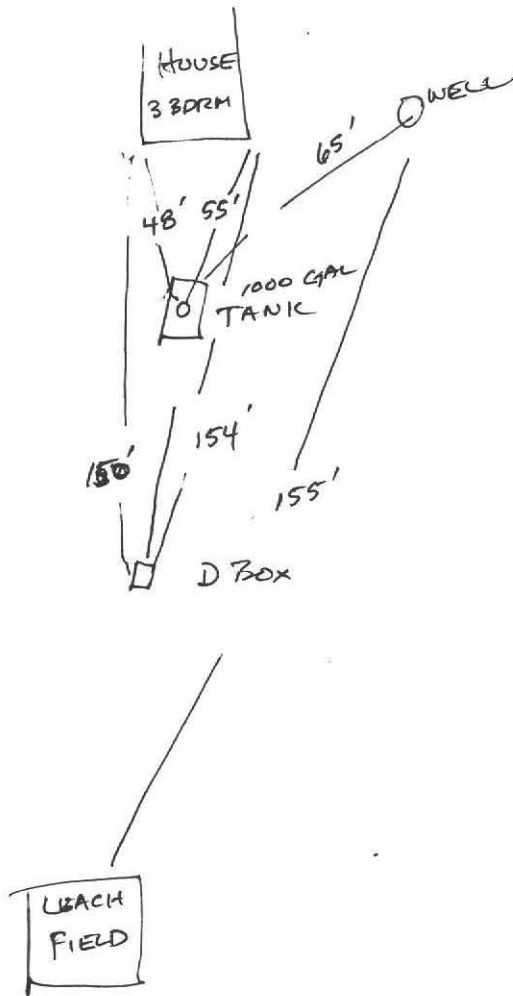


SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM  
PART C  
SYSTEM INFORMATION (continued)

Property Address: 304 LEVERETT RD AMHERST, MA.  
Owner: J. WOOD  
Date of Inspection: 5-10-03

SKETCH OF SEWAGE DISPOSAL SYSTEM:

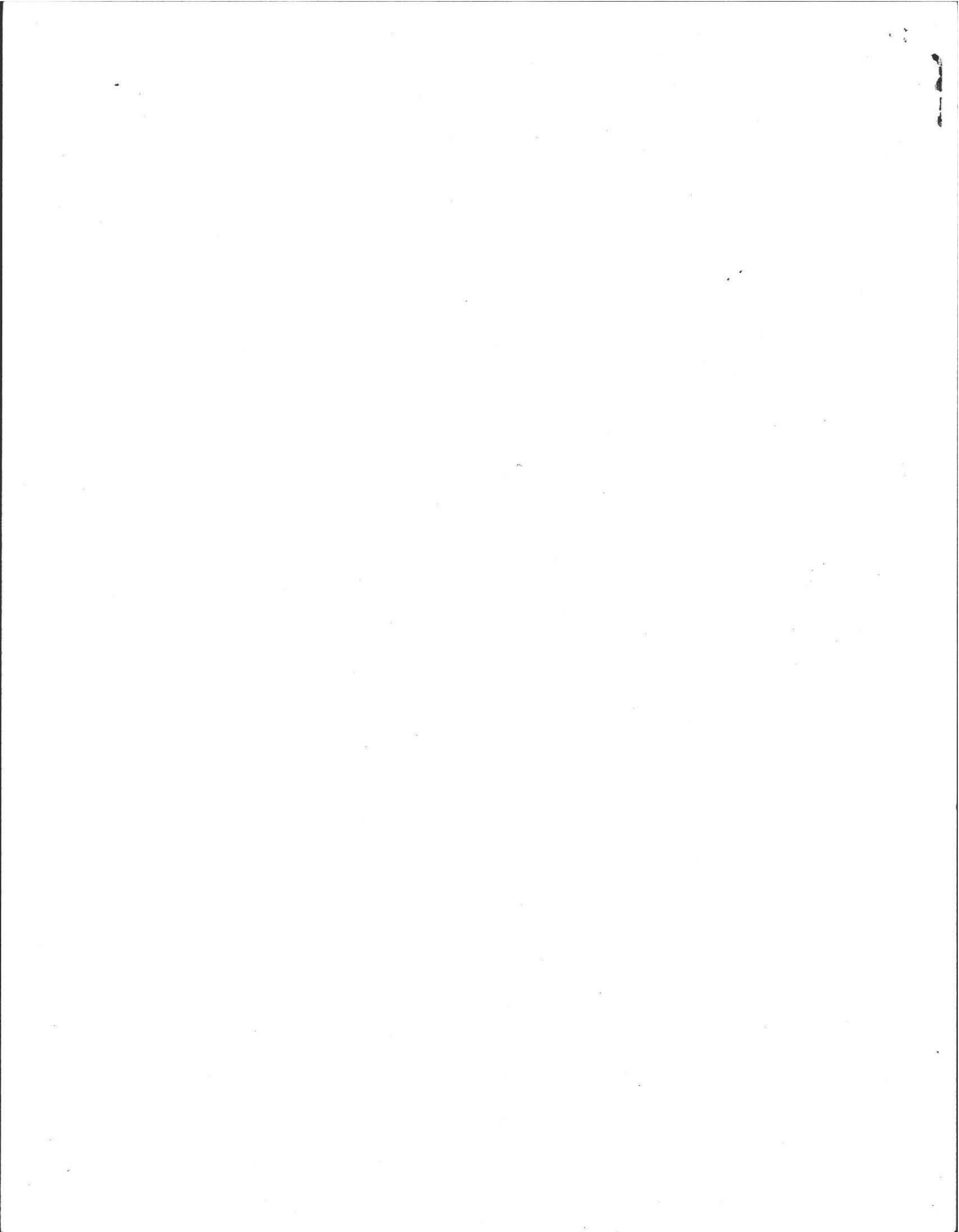
include ties to at least two permanent references landmarks or benchmarks  
locate all wells within 100'



DEPTH TO GROUNDWATER

Depth to groundwater: 12 feet

method of determination or approximation: VISUAL TO POND ON LOWER PASTURE



BOARD OF HEALTH, AMHERST, MASSACHUSETTS

#304

APPLICATION FOR DISPOSAL WORKS CONSTRUCTION PERMIT

No. 74-32 Date 4/30/74 Fee \$<sup>00</sup> Date Rec'd. 4/30/74 By CEJ

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

Location—Address Leverett Road or Lot No. No. 3-85

Owner Jerrold L Adams Address 16 Amherst Rd RFD #3

Contractor Ernest Hastings Address Gill Mass.

Type of Building Frame Dimensions \_\_\_\_\_ Size Lot 1 1/2 Ac

Dwelling—No. of Bedrooms 3 Expansion Attic ( ) Garbage Grinder (yes)  
Other \_\_\_\_\_ No. of persons \_\_\_\_\_ Showers ( )

Other fixtures \_\_\_\_\_  
Town Water? no Type of Well Drilled

Design Flow 50 gallons per person per day. Total daily flow 300 gallons

Septic Tank—Liquid capacity 1000 gallons Dimensions: L \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

Disposal Trench—No. \_\_\_\_\_ Width \_\_\_\_\_ Total Length \_\_\_\_\_ Total leaching area \_\_\_\_\_ sq. ft.

Disposal Bed—No. 1 Diameter 10' x 40' Depth below inlet 1' Total leaching area 400 sq. ft. min

Dry Well—No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Dimensions: \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_

Other: Distribution box () No. \_\_\_\_\_ Dosing tank ( )

(Depth of Soil Line Below finished grade at foundation \_\_\_\_\_)

Percolation Test Results Performed by Frederick Filios Soil Scientist Date Apr 22 1974

Test Pit No. 1 4 minutes per inch Depth of Test Pit 44"

Test Pit No. 2 \_\_\_\_\_ minutes per inch Depth of Test Pit \_\_\_\_\_

Description of Soil See attachment Depth to Ground Water 5' 6"

Will disposal area be filled? \_\_\_\_\_ Cut down? \_\_\_\_\_

(On reverse side or separate sheet, show plot plan with building. Include dimensions, distances from all boundaries. Show location of wells, streams, ledge, large trees, etc.)

AGREEMENT: The undersigned agrees to construct the aforescribed individual sewage disposal system in accordance with the provisions of Article XI of the Sanitary Code and regulations of the Amherst Board of Health. The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by this board of health.

System must be 4' above main Jerrold L. Adams 4/30/74  
WATER TAP Owner or builder date

Application Approved by CEJ 4/30/74  
WATER SUPPLY MUST BE 150' FROM EACH BED date

Application Disapproved for the following reasons:

BOARD OF HEALTH, AMHERST, MASSACHUSETTS  
CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY, That the individual Sewage Disposal System installed ( ) or repaired ( ) by \_\_\_\_\_ at \_\_\_\_\_ has been constructed in accordance with the provisions of

INSTALLER

Article XI 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 satisfactorily.

DATE \_\_\_\_\_ Inspector \_\_\_\_\_

BOARD OF HEALTH, AMHERST, MASSACHUSETTS  
DISPOSAL WORKS CONSTRUCTION PERMIT

No. 74/32 Permission is hereby granted Jerrold Adams to construct () or repair ( ) an Individual Sewage Disposal System at LOT N. 3-85

as shown on the application for Disposal Works Construction Permit No. 74-32

This permit is issued with the understanding that future alterations or additions will be made if necessary. This permit shall not be construed as permission to create or maintain any sewage nuisance and in the issuance of this permit the Board of Health assumes no responsibility for the future operation or maintenance of the system.

DATE 4/30/74 CEJ  
Board of Health

183

Mr. J. H. ...  
...

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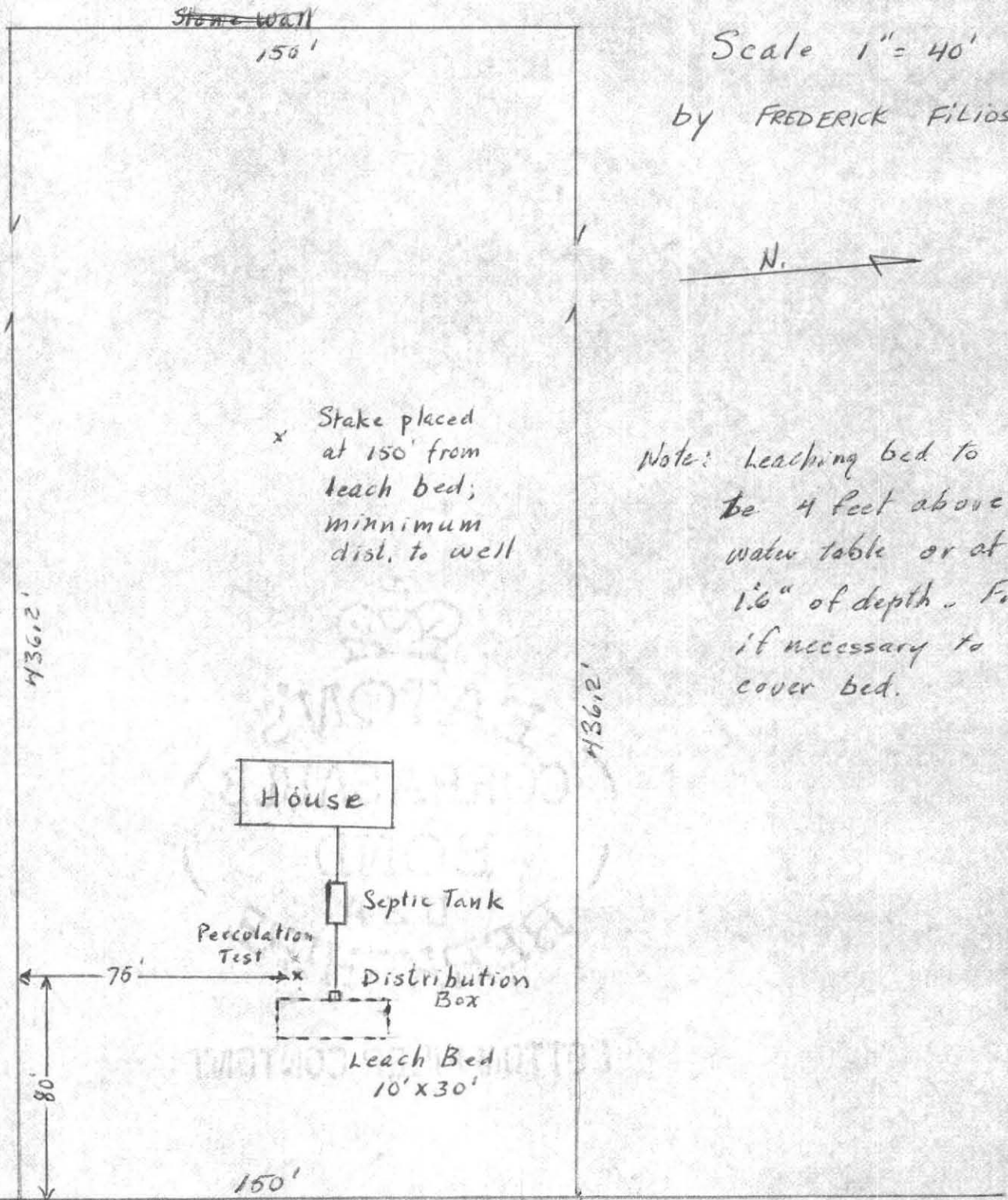
# PLAN SHOWING SEWAGE DISPOSAL

for  
No. #3-85  
Assessors

Jerrold Adams  
at Leverett Road  
Amherst, Mass.

Scale 1" = 40'

by FREDERICK FILIOS

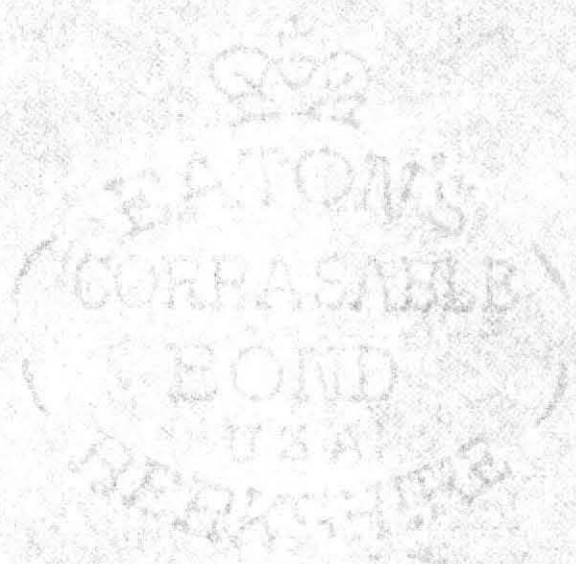


Note: Leaching bed to be 4 feet above water table or at 1.6" of depth. Fill if necessary to cover bed.

LEVERETT ROAD

To Leverett →

57E



LETTER PAPER CONTAINS

# DEEP SOIL LOGS

OWNER JERRARD ADAMS

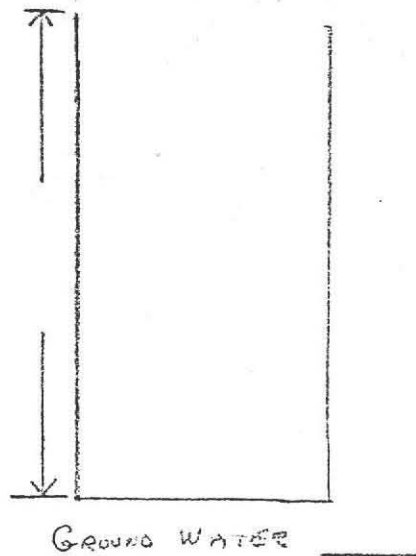
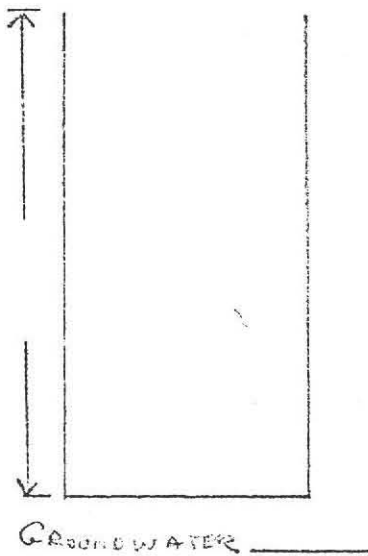
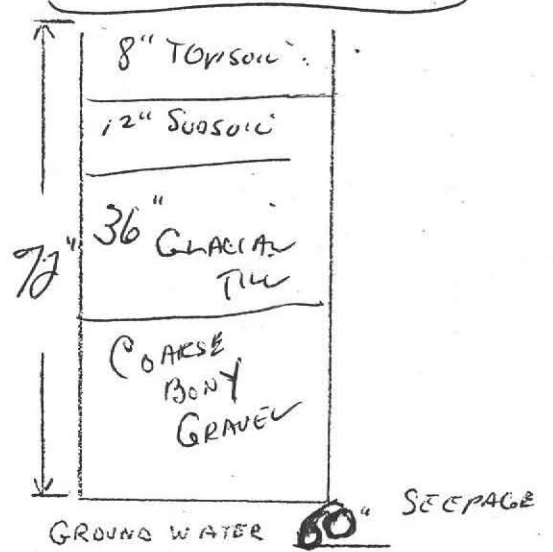
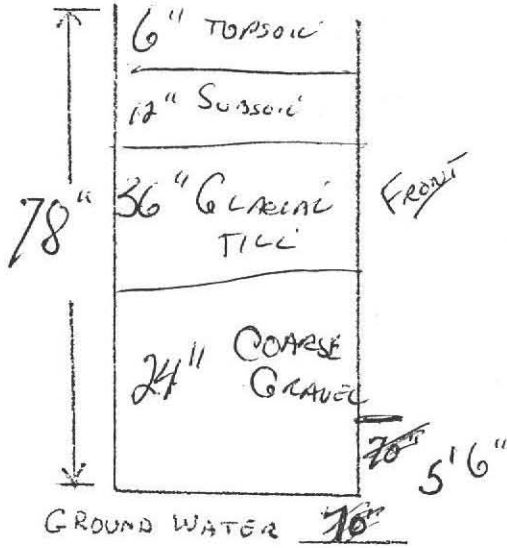
DATE 4/22/74

LOCATION LEVERETT RD

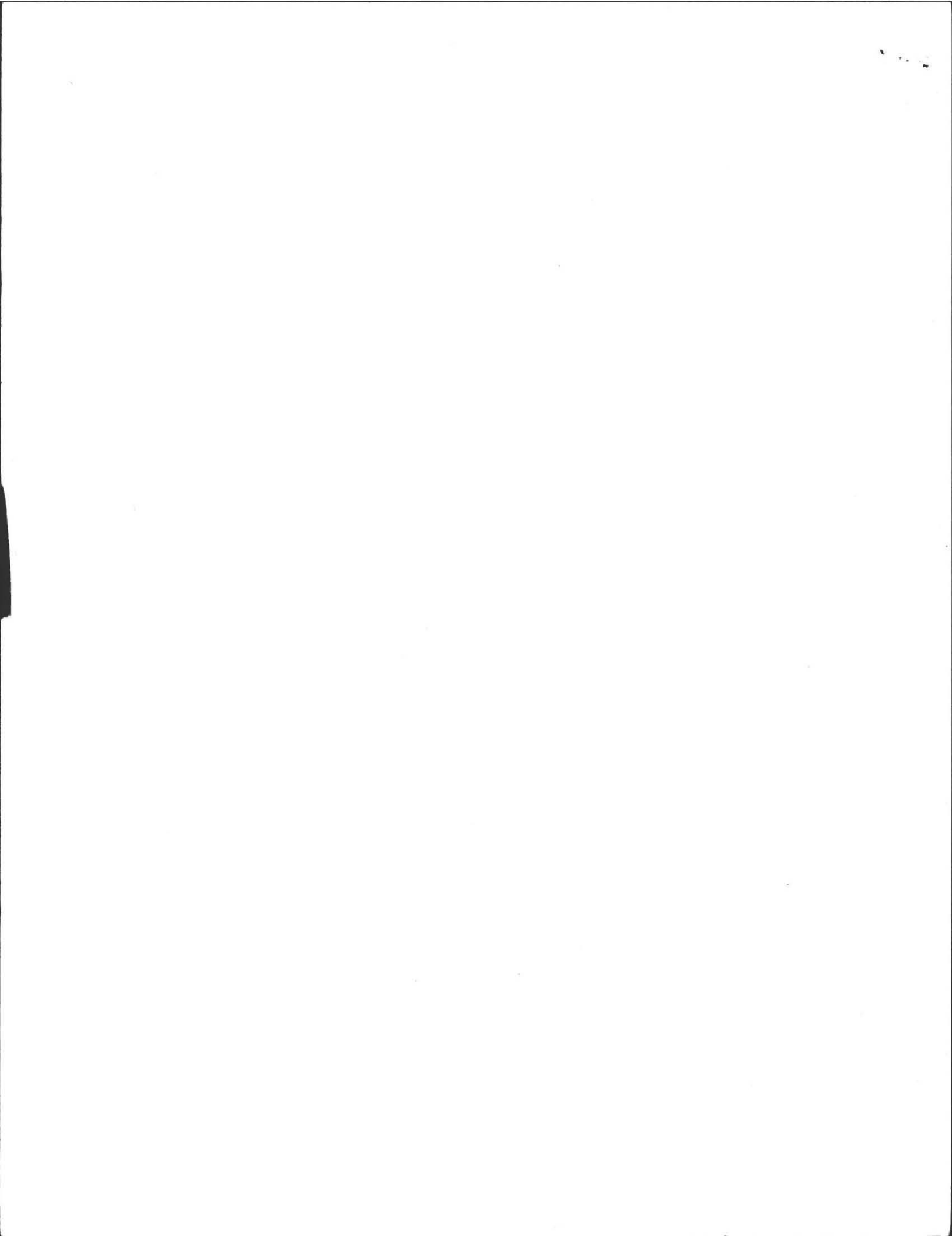
OBSERVER DRAKE

NORTH LOT

SOUTH LOT



BOARD OF HEALTH  
AMHERST, MASS.





DENNIS

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DENNIS

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3 lots -

③ If the septic tank for lot C is on lot B, where is the leach field?

④ Can he locate a septic system on another lot other than the one where the house is and then

Subsequently sell off the lot where the septic system is - thus separating it from the dwelling it was serving?

at that time, he would probably apply for a variance to do that claiming hardship.

Dennis:

Here is the "SITE PLAN" for J. Wood's new construction located to the South of his existing Pond.

Note that he indicated to us on his Notice of Intent that he had obtained his septic permit for this project. He indicated that the septic system is on another lot. (see site plan)

My Questions are:

① Does the frontage lot where he is building

Ⓐ (there is a foundation hole in) meet your minimum lot size of 38,000 Ⓐ and Ⓑ also meet that?—

② Can he keep the 100' setbacks between septic systems and wells on the