

No. 90-10

JUL 12 1990 JUL 12 1990

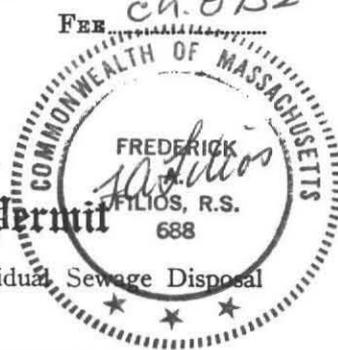
6/15/90/160<sup>00</sup> PD. CH. 8732

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit



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

Location - Address: 24 CHAPEL RD. or Lot No. NONE  
Owner: FRANK LATTUCA Address: 24 CHAPEL RD., AMHERST, MA 01002  
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: Garbage Grinder To Be Removed

Design Flow: 55 gallons per person per day. Total daily flow: 440 X 125% gallons.  
Septic Tank - Liquid capacity: EXIST gallons Length: \_\_\_\_\_ Width: \_\_\_\_\_ Diameter: \_\_\_\_\_ Depth: \_\_\_\_\_  
Disposal Trench - No. \_\_\_\_\_ Width: \_\_\_\_\_ Total Length: \_\_\_\_\_ Total leaching area: 168 sq. ft. SIDEWALL  
Seepage Pit No. 1 Diameter: 21' X 7' Depth below inlet: 3' Total leaching area: 147 sq. ft. BOTTOM  
Other Distribution box (✓) Dosing tank ( )  
Percolation Test Results Performed by: Filios Enterprises, Inc. Date: JUNE 15, 1990  
Test Pit No. 1: 2 minutes per inch Depth of Test Pit: 15' Depth to ground water: NONE  
Test Pit No. 2: \_\_\_\_\_ minutes per inch Depth of Test Pit: \_\_\_\_\_ Depth to ground water: \_\_\_\_\_

Description of Soil: ATTACHED

Nature of Repairs or Alterations - Answer when applicable: EXISTING SEPTIC TANK TO BE RETAINED  
PIPE FROM TANK + LEACH PIT TO BE REPLACED - OLD LEACH RETAINED AS  
Agreement: OVERFLOW CAPACITY

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Environmental 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: Frank Lattuca Date: July 11, 1990  
Application Approved By: David Berganti for Applied Board of Health Date: 7/12/90  
Application Disapproved for the following reasons: \_\_\_\_\_

Permit No. 90-10 Issued 7/12/90 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 24 Chapel Road has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal Works Construction Permit No. 90-10 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. 90-10 TOWN OF Amherst

FEES 160<sup>00</sup>  
6/15/90  
8732

Disposal Works Construction Permit

Permission is hereby granted \_\_\_\_\_ to Construct ( ) or Repair (✓) an Individual Sewage Disposal System at No. 24 Chapel Road

as shown on the application for Disposal Works Construction Permit No. 90-10 Dated 7/12/90

DATE 7/12/90 \_\_\_\_\_ Board of Health

CHECK OR FILL IN WHERE APPLICABLE



100 Pans  
60 Plans  
160

176 160.00  
CHK# 8732

TITLE V FEES

Owner: FRANK LATTUCA

Site: 24 Channel Road

Percolation Test: Per Lot

# (1) Date: 6/15/90

# \_\_\_\_\_ Date: \_\_\_\_\_

# \_\_\_\_\_ Date: \_\_\_\_\_

# \_\_\_\_\_ Date: \_\_\_\_\_

# \_\_\_\_\_ Date: \_\_\_\_\_

-----  
Disposal Works Construction Permit

Plan Review Date \_\_\_\_\_

Final Inspection Date \_\_\_\_\_

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Subsequent Plan Review

Date \_\_\_\_\_

Date \_\_\_\_\_

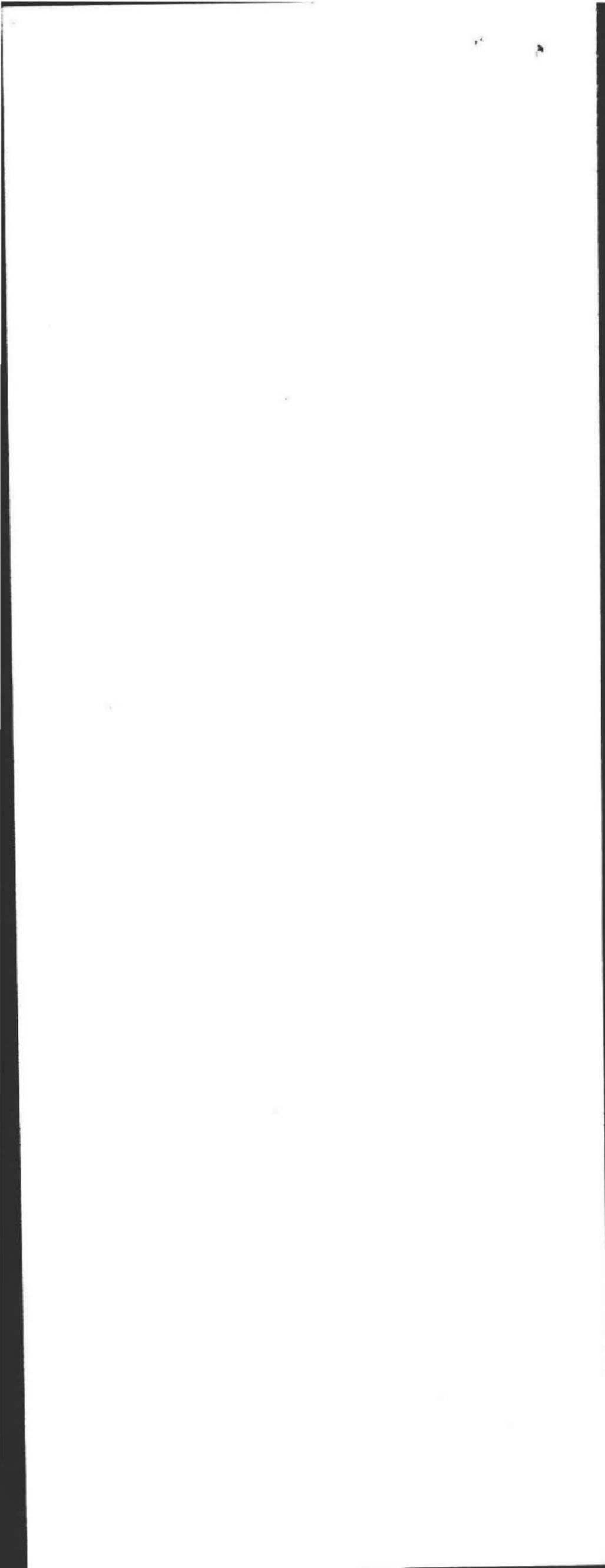
Date \_\_\_\_\_

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Reinspection of Installation

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_



PERC TEST DATA SHEET

100-Perc  
60 PLAN

DATE 6/15/90 LOCATION 24 Chapel Road LOT SIZE \_\_\_\_\_

OWNER FRANK HATTUCA ADDRESS 24 Chapel Road TELE # 253 5858

P.E./RS Fred Filios FIRM Filios EXT. OBSERVED BY D. Zarovinski

BACK HOE OPERATOR C+J. Excavating BENCH MARK \_\_\_\_\_

PERC DEPTH 65" PRE SOAK TIME 9:21 PERC DEPTH \_\_\_\_\_ PRE SOAK TIME \_\_\_\_\_

TEST \_\_\_\_\_  
\_\_\_\_\_ CAN'T HOLD WATER \_\_\_\_\_  
\_\_\_\_\_ \_\_\_\_\_  
\_\_\_\_\_ \_\_\_\_\_

RATE (2) RATE \_\_\_\_\_

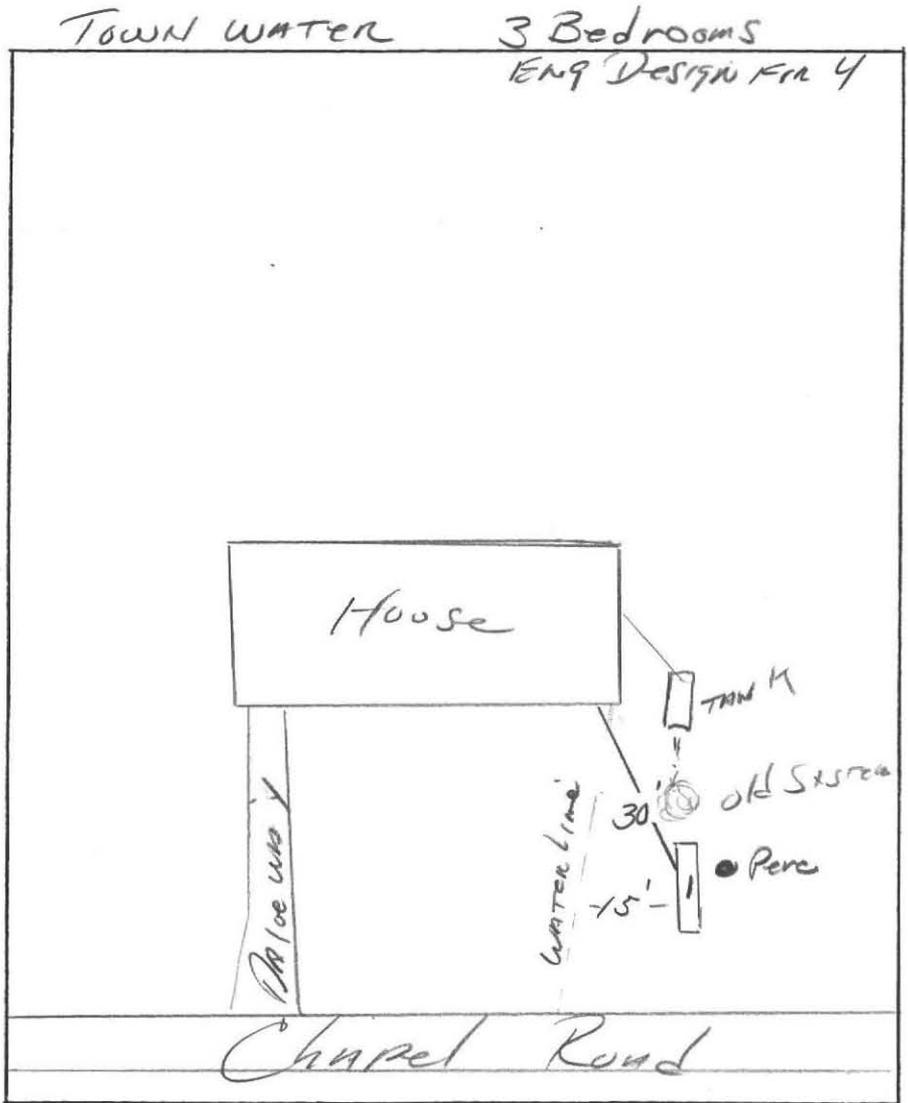
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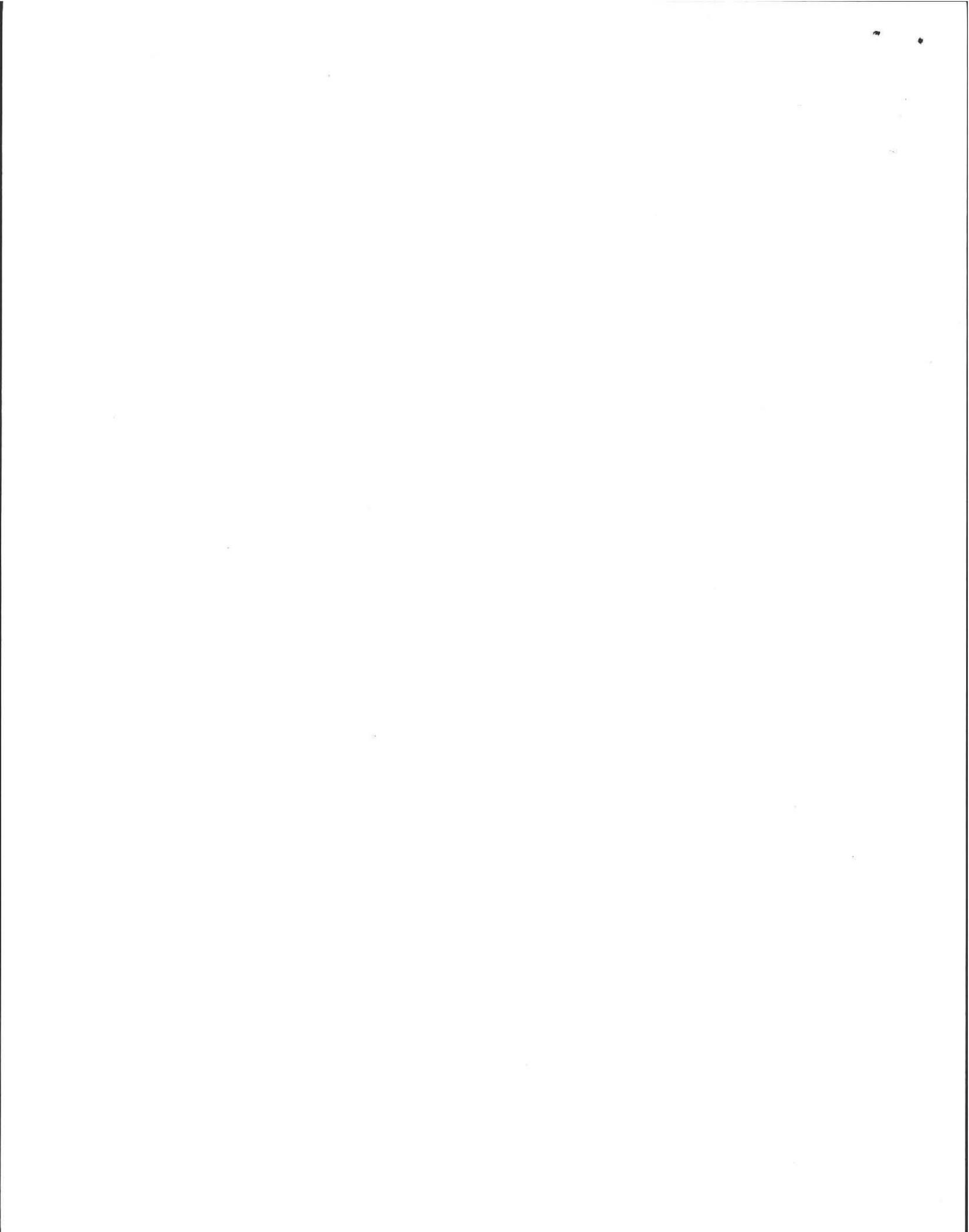
Fill 21"	TOP
Old TOP 28	
SUB 39	SUB
Coarse Sand + Gravel 67"	
Coarse Sand	

DRY 15'

TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB





JUL 12 1990

# Deep Soil Logs

## Filios Enterprises, Inc.

69 Pelham Rd., Amherst MA 01002, (413) 256-8008

Owner: FRANK LATUCCA

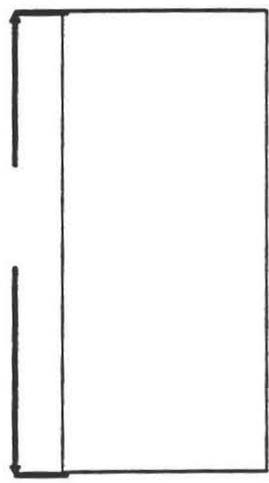
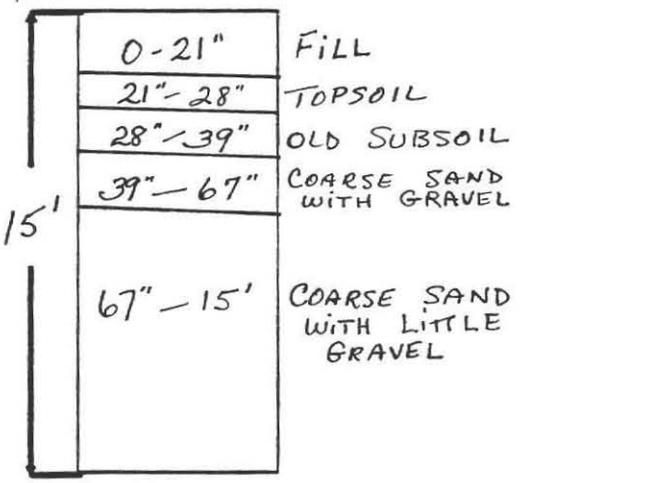
Date: JUNE 15, 1990

Location: 24 CHAPEL RD.  
AMHERST, MA.

B. of H. DAVID ZAROZINSKI

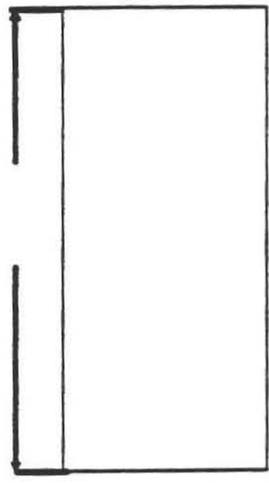
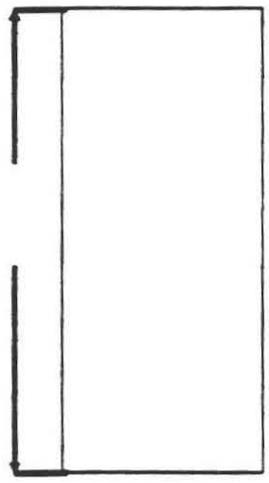
01002

H1



Ground Water NONE

Ground Water \_\_\_\_\_



Ground Water \_\_\_\_\_

Ground Water \_\_\_\_\_

Percolation Rate at: 65"  
<2 min./inch





# PLAN SHOWING SEWAGE DISPOSAL

FOR: FRANK LATTUCA  
 24 CHAPEL ROAD  
 AMHERST, MA 01002

BY: FILIOS ENTERPRISES, INC.  
 69 PELHAM ROAD  
 AMHERST, MA 01002

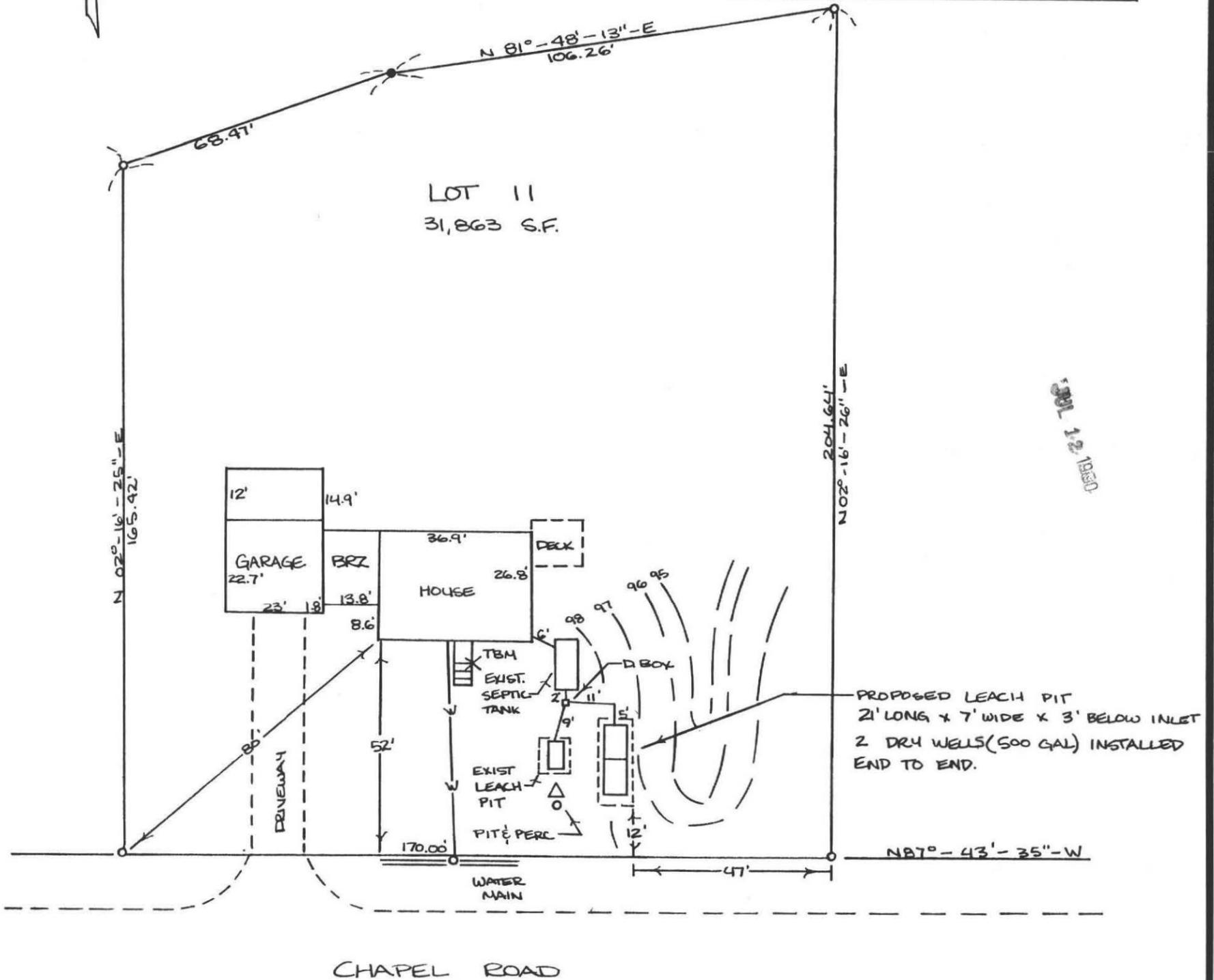
SITE: CHAPEL ROAD  
 AMHERST, MA

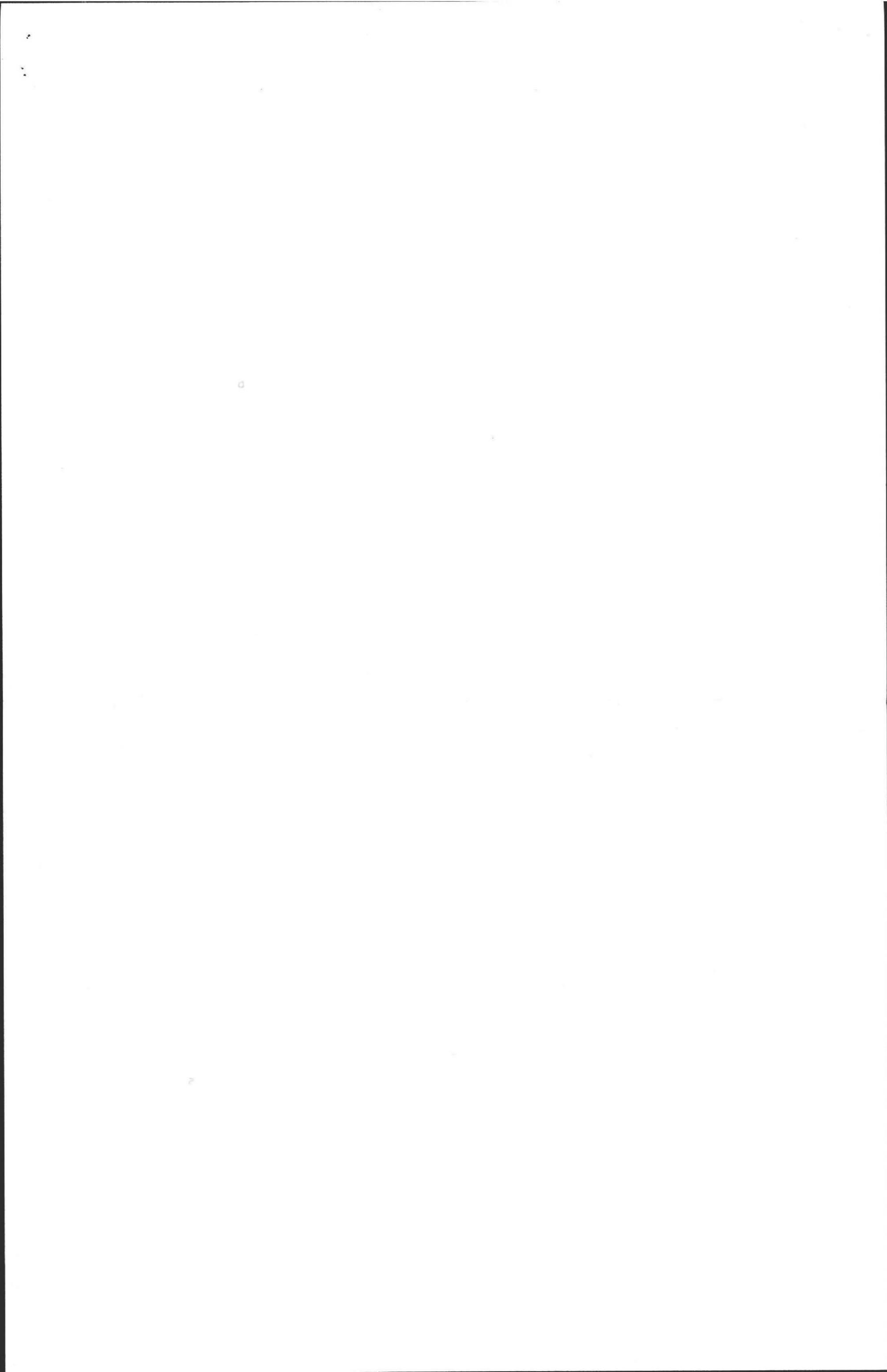
DATE: JULY 10, 1990  
 R. STOVER



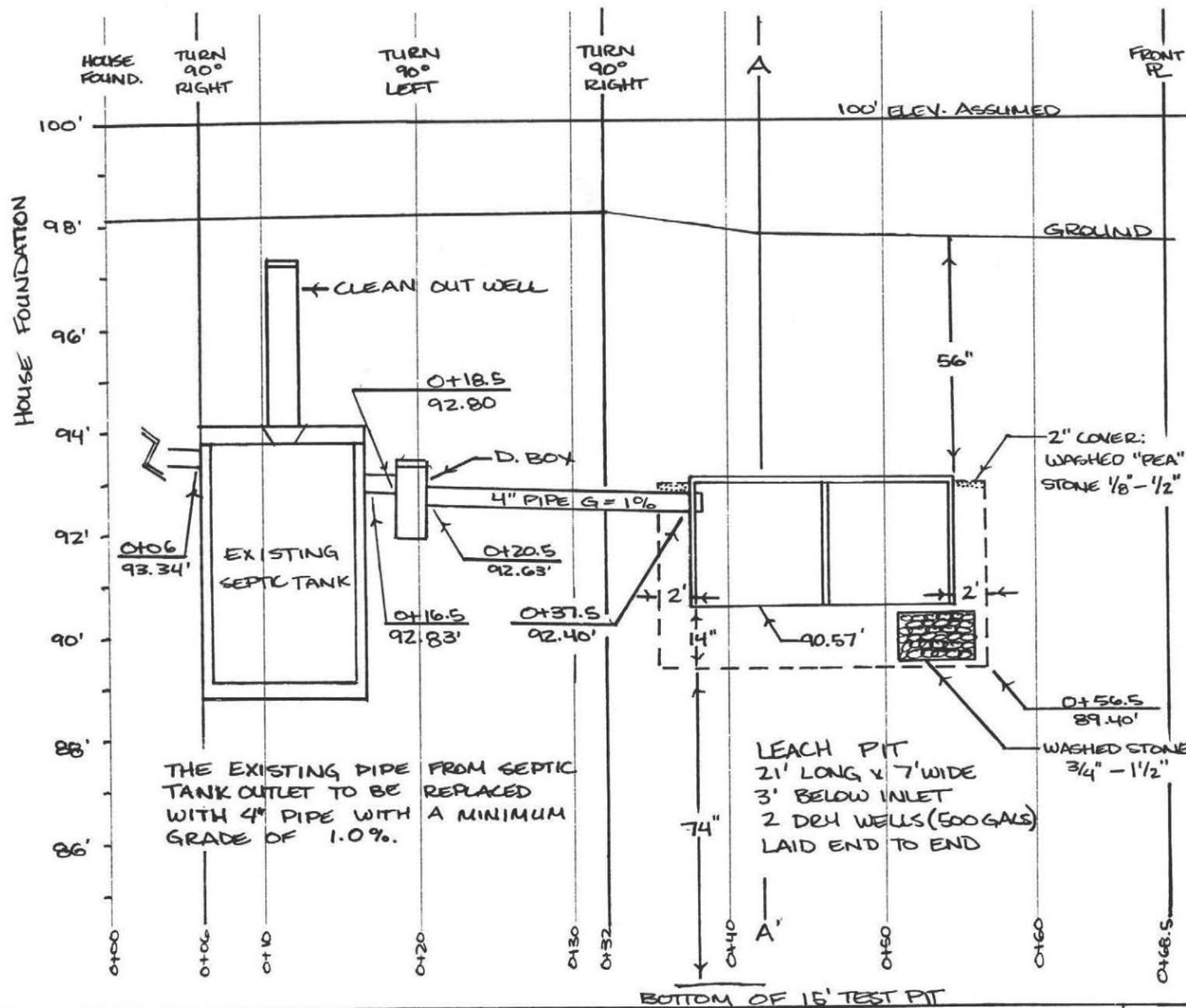
SCALE: 1" = 30'00"  
 0 10 20 30 40 50 60

- ### NOTES
- 1) SITE SERVED BY TOWN WATER. NO WELLS FOUND WITHIN 200' OF THE LEACH AREA.
  - 2) TBM: 100' ELEV. ASSUMED AT SOUTHEAST CORNER OF LANDING AT TOP OF FRONT STEPS.
  - 3) PIPE FROM SEPTIC TANK OUTLET TO LEACH AREA TO BE REPLACED.
  - 4) EXISTING LEACH PIT TO BE RETAINED AS OVERFLOW CAPACITY. INVERT ELEV. OF D. BOX OUTLET TO EXISTING LEACH TO BE THE SAME AS INVERT ELEV. OF D. BOX INLET.

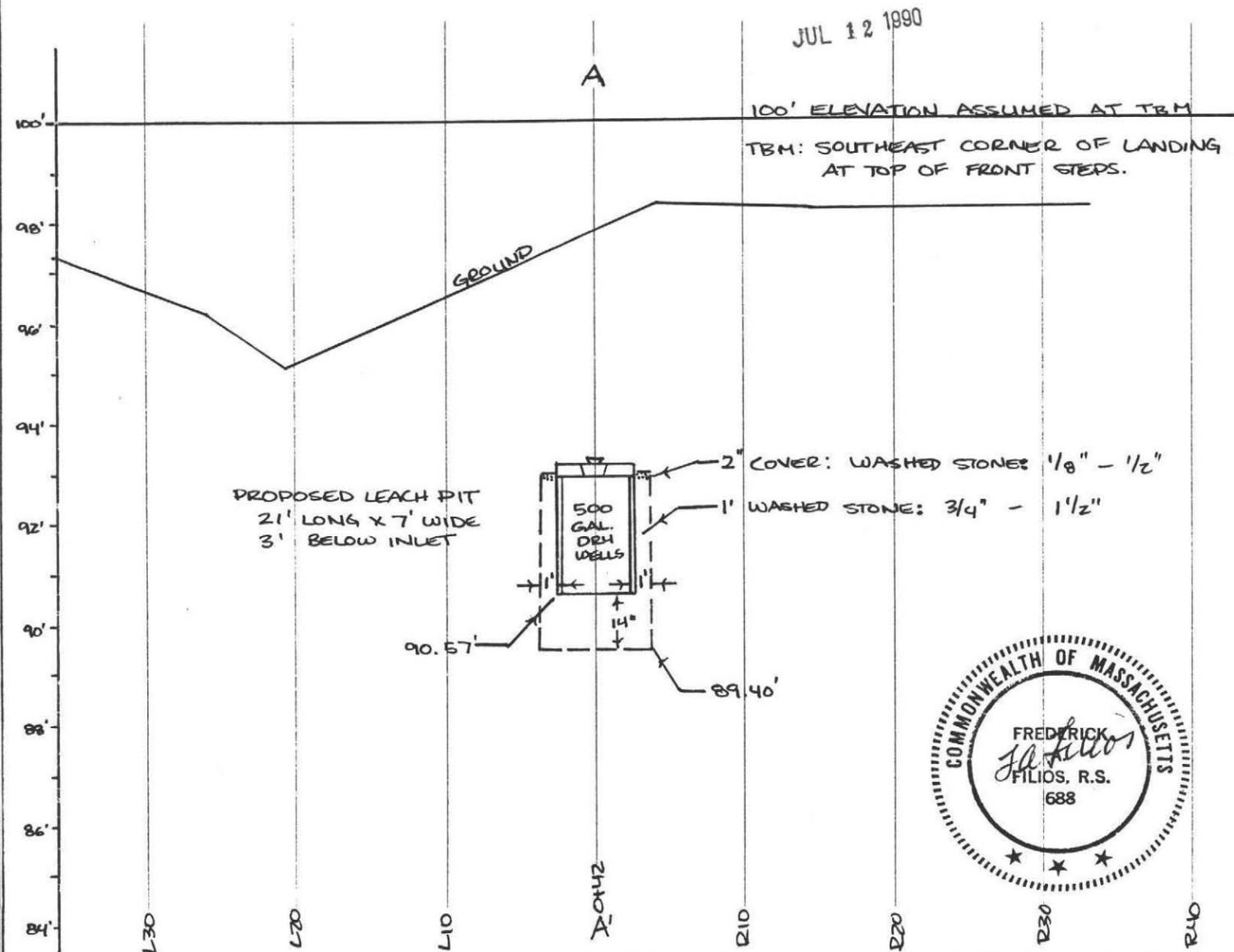




PROFILE OF SEPTIC SYSTEM



CROSS-SECTION OF LEACH PIT AT A-A'



LEACHING AREA CALCULATIONS

REQUIRED CAPACITY FOR A 4 BEDROOM HOUSE IN AMHERST. GARBAGE GRINDER TO BE REMOVED. (TOWN OF AMHERST REQUIRES 125% OF TITLE 5 CAPACITY). 550 GALLONS PER DAY REQUIRED.

PROPOSED SYSTEM OF ONE LEACH PIT: 21' LONG X 7' WIDE X 3' BELOW INLET (EFFECTIVE DEPTH).

DESIGNED WITH A PERCOLATION RATE OF 2 MINUTES PER INCH GIVING SIDEWALL AND BOTTOM AREA LOADING FACTORS OF 2.5 AND 1.0 GAL.S PER SQ. FT. RESPECTIVELY.

SIDEWALLS: 2(21' x 3') = 126 SQ. FT. x 2.5 GAL.S = 315 GAL.S  
 ENDWALLS: 2(7' x 3') = 42 SQ. FT. x 2.5 GAL.S = 105 GAL.S  
 BOTTOM AREA: 7' x 21' = 147 SQ. FT. x 1.0 GAL.S = 147 GAL.S

TOTAL CAPACITY OF PROPOSED SYSTEM:

567 GAL.S

CONSTRUCTION NOTES

- 1) THE SEPTIC TANK TEES OR Baffles TO BE INSPECTED AND REPLACED IF NECESSARY.
- 2) SEPTIC TANK SHOULD BE INSPECTED AND PUMPED ANNUALLY.
- 3) THE INVERT ELEV. OF THE D. BOX OUTLET TO THE EXISTING LEACH PIT SHOULD BE THE SAME AS THE INVERT ELEV. OF THE D. BOX INLET (92.80').
- 4) THE PIPES EXITING THE D. BOX SHALL REMAIN LEVEL FOR AT LEAST 2'.

SPECIFICATIONS

All materials and construction must be in accordance with Commonwealth of MA Dept. of Environmental Protection State Environmental Code Title 5.

PROFILE OF SEPTIC SYSTEM

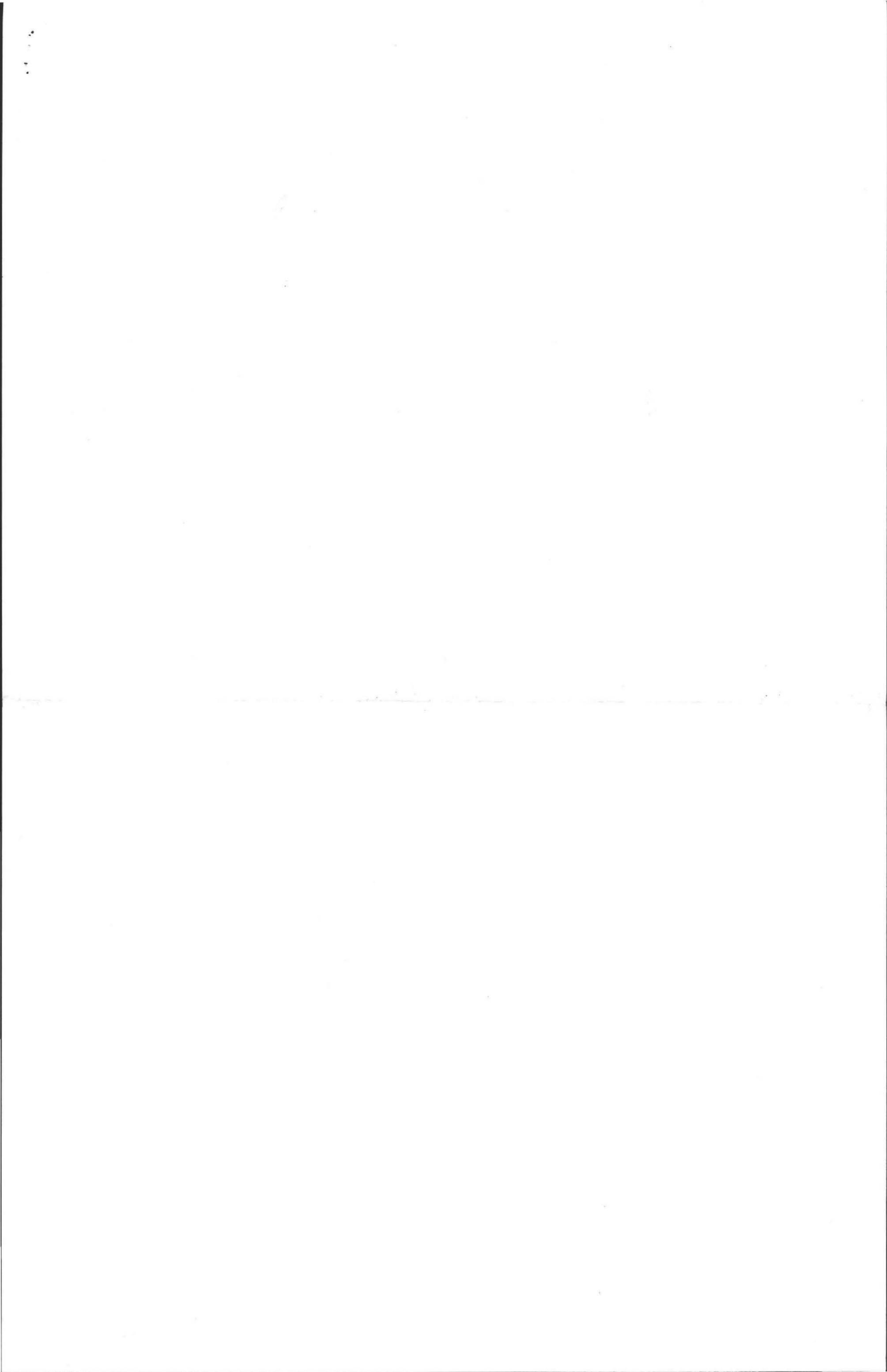
CLIENT: FRANK LATTUCA  
 24 CHAPEL RD.  
 AMHERST, MA 01002

SITE: REPLACE LEACH FIELD  
 AT ABOVE ADDRESS

BY: FILIOS ENTERPRISES, INC.  
 69 PELHAM ROAD  
 AMHERST, MA 01002

DATE: JULY 10, 1990 R. STOVER

SCALE: HORIZONTAL: 1" = 10'-00"  
 VERTICAL: 1" = 03'-00"



24 Chapel

AUG 23 1990

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

(File)

July 25, 1990

Frank Lattuca  
24 Chapel Road  
Amherst, MA 01002

Dear Mr. Lattuca,

This is to notify you that Filios Enterprises, Inc. has inspected the septic system installed at 24 Chapel Road in Amherst, MA.

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

Exceptions:

1.) Invert of outlet to old leach pit from D-Box was equal to invert of outlet to new leach pit. Installer to put cement lip in outlet to raise invert.

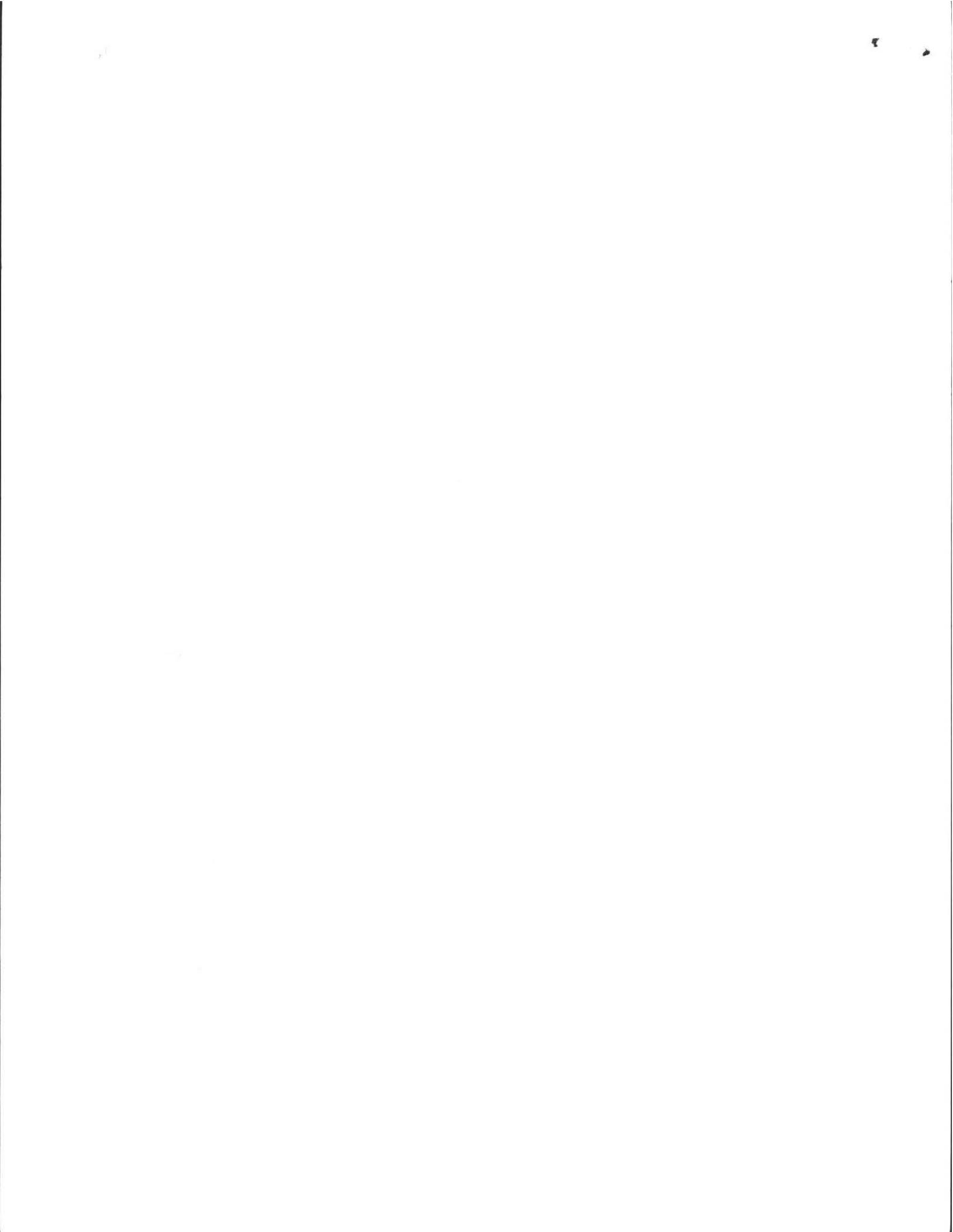
2.) The elevations of the "as-built" septic system vary from those of the approved design to the extent shown in red on the copy of the profile enclosed.

Sincerely,

*Frederick A. Filios*

Frederick A. Filios

c.c. to Board of Health



# PLAN SHOWING SEWAGE DISPOSAL

FOR: FRANK LATTUCA  
24 CHAPEL ROAD  
AMHERST, MA 01002

BY: FILIOS ENTERPRISES, INC.  
69 PELHAM ROAD  
AMHERST, MA 01002

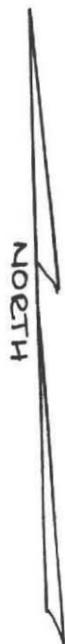
SITE: CHAPEL ROAD  
AMHERST, MA

DATE: JULY 10, 1990  
R. STOVER

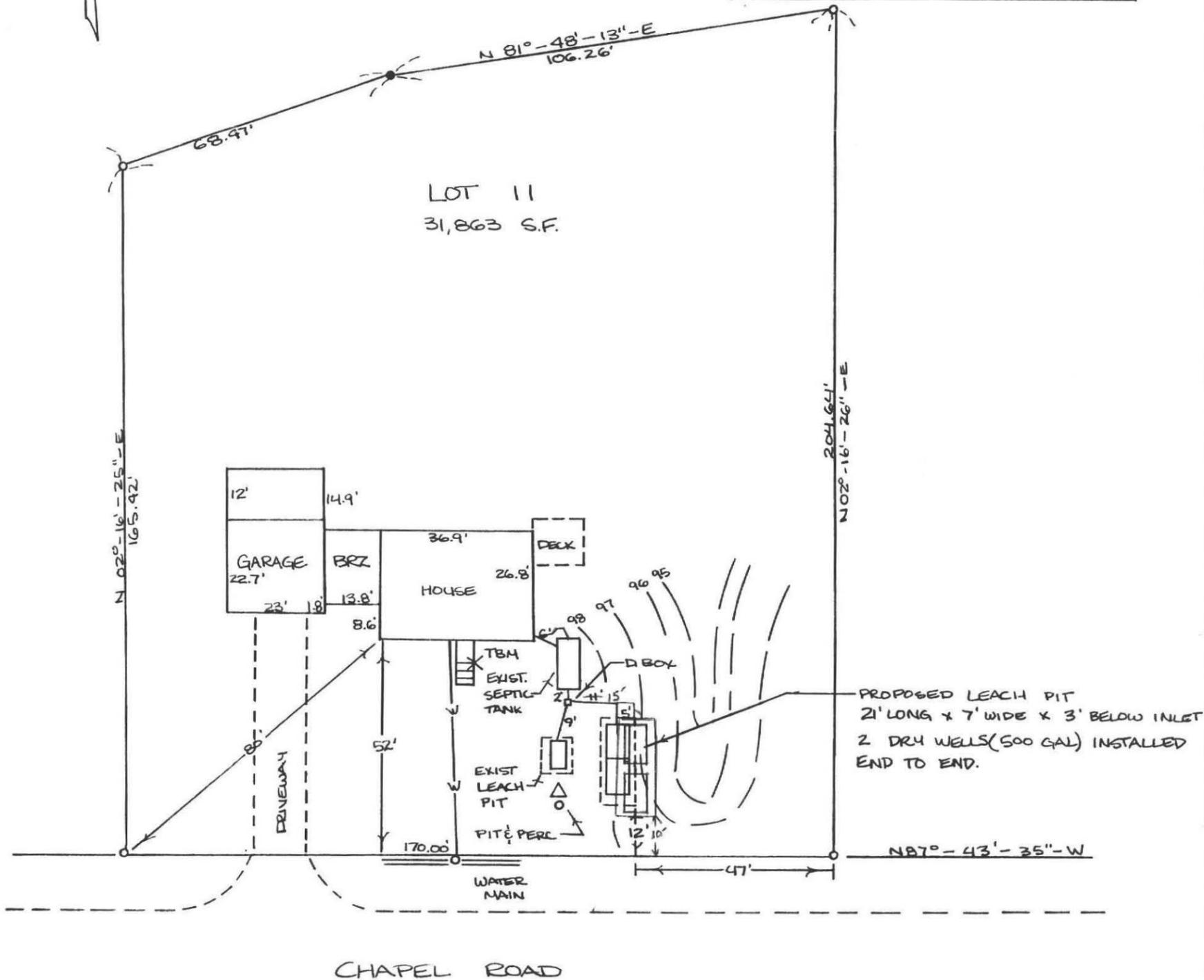


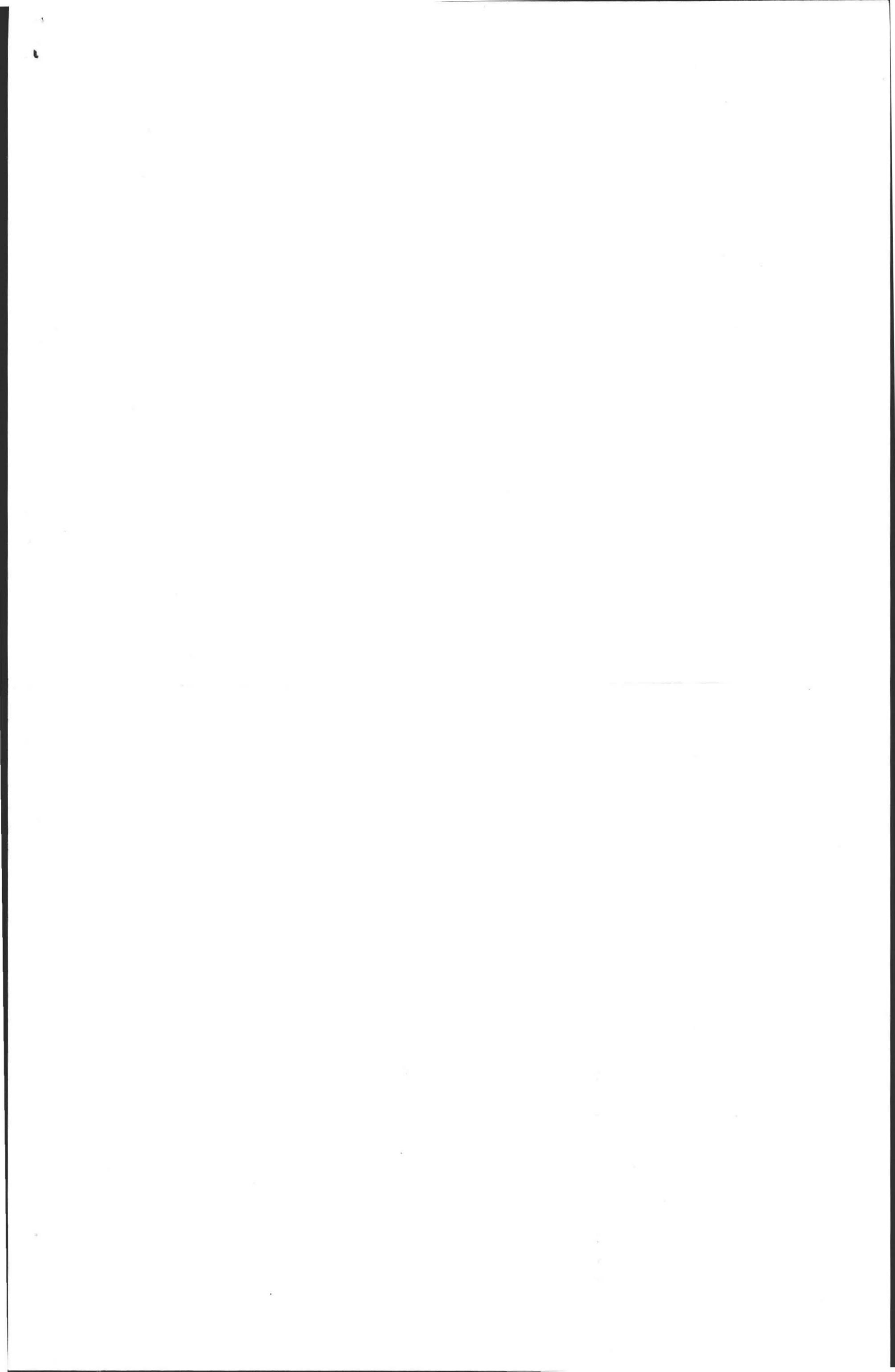
## NOTES

- 1.) SITE SERVED BY TOWN WATER  
NO WELLS FOUND WITHIN 200'  
OF THE LEACH AREA.
- 2.) TBM: 100' ELEV. ASSUMED AT  
SOUTHEAST CORNER OF LANDING  
AT TOP OF FRONT STEPS.
- 3.) PIPE FROM SEPTIC TANK OUTLET  
TO LEACH AREA TO BE REPLACED.
- 4.) EXISTING LEACH PIT TO BE RE-  
TAINED AS OVERFLOW CAPACITY.  
INVERT ELEV. OF D. BOX OUTLET  
TO EXISTING LEACH TO BE THE  
SAME AS INVERT ELEV. OF D. BOX  
INLET.



SCALE: 1" = 30'00"







AUG 02 1990

Paid \$ 3.00 4/27/68

BOARD OF HEALTH, AMHERST, MASSACHUSETTS

APPLICATION FOR DISPOSAL WORKS CONSTRUCTION PERMIT

No. 68-4 Date April 22, 1968 Fee \$3.00 Date Rec'd. April 22, 1968 By D.G.F.

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

Location—Address 24 Lot #11 - Nutting Manner or Lot No. \_\_\_\_\_

Owner Sanders & Roberge Address 975 Bay Rd.

Contractor Sanders & Roberge Address \_\_\_\_\_

Type of Building Single Dwelling Dimensions 36x27 Size Lot 30,000 Sq. Ft.

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

Other \_\_\_\_\_ No. of persons \_\_\_\_\_ Showers ( )

Other fixtures \_\_\_\_\_

Town Water? yes Type of Well \_\_\_\_\_

Design Flow \_\_\_\_\_ gallons per person per day. Total daily flow \_\_\_\_\_ gallons

Septic Tank—Liquid capacity 1200 gallons Dimensions: L \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

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

Disposal Bed—No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Total leaching area \_\_\_\_\_ sq. ft.

Dry Well—No. 1 Diameter 6' Depth below inlet 8' Dimensions: 6 x 8 x 8

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

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

Percolation Test Results Performed by D.G.F. Date \_\_\_\_\_

Test Pit No. 1 2 minutes per inch Depth of Test Pit \_\_\_\_\_

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

Description of Soil \_\_\_\_\_ Depth to Ground Water \_\_\_\_\_

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 aforedescribed 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.

Application Approved by [Signature] Arnold A. Sanders Owner or builder date 4-22-68

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. 68-4 Permission is hereby granted SANDERS + ROBERGE to construct (X) or repair ( ) an Individual Sewage Disposal System at LOT 11 NUTTING MANNER

as shown on the application for Disposal Works Construction Permit No. 68-4

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 4-24-68 [Signature] Board of Health

