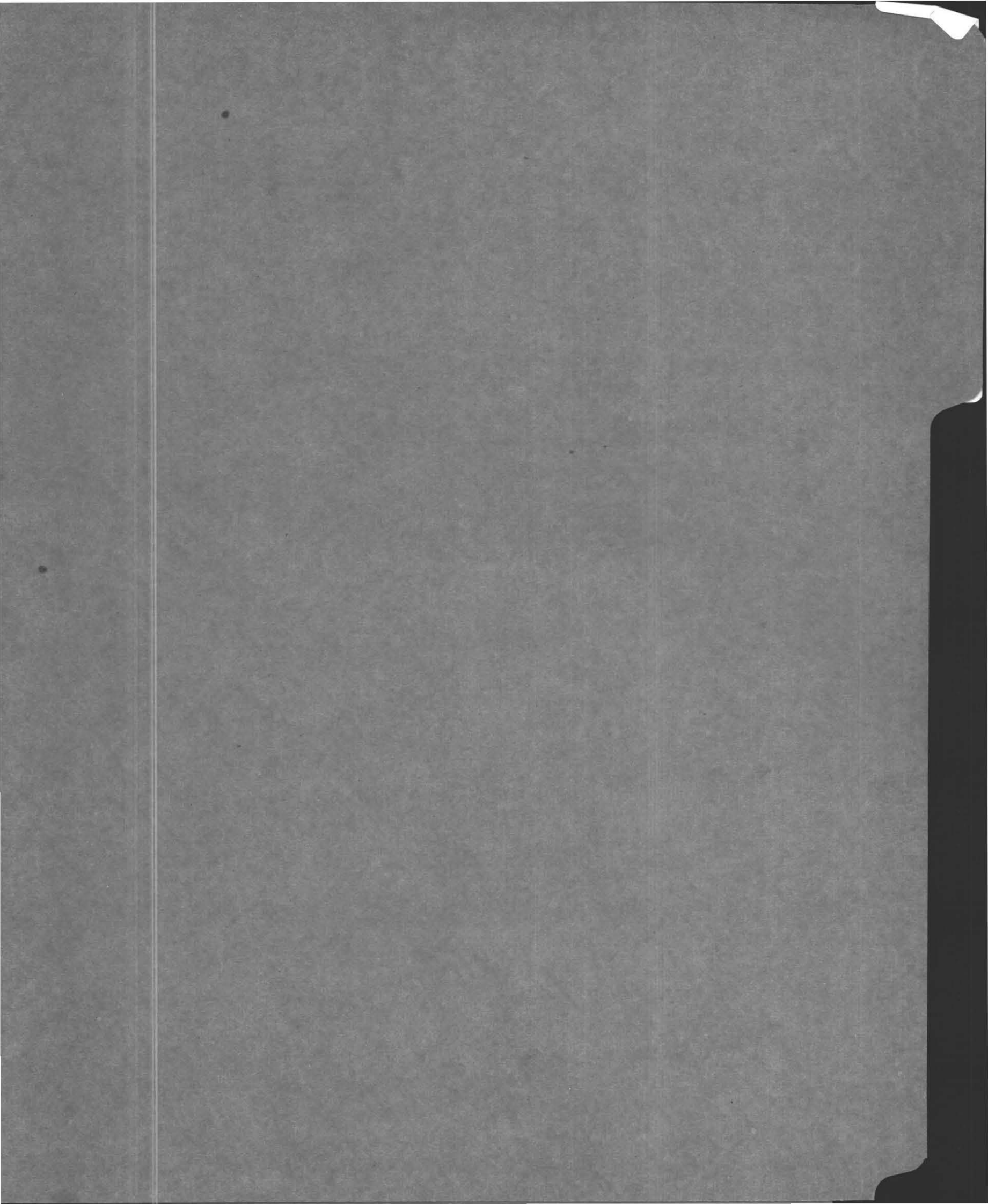


1131 Bay rd



#1131

JUN 14 1988

until 4:30 pm 253-9730
after 5pm 253-2471

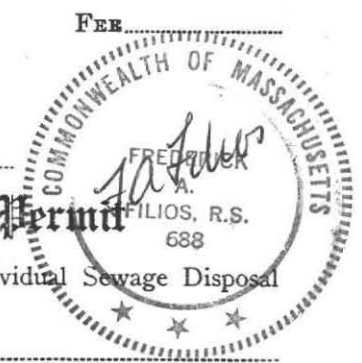
No. 88-25 Repair

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 (X) an Individual Sewage Disposal System at:

1131 BAY RD
WILLIAM HOFFA
Karl's Excavating Co.
Location - Address
Owner
Installer
or Lot No.
Address
Address

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

Design Flow 55 gallons per person per day. Total daily flow 440 x 1.25 x 550 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 8.5 Width 5 Diameter Depth 5.3
Disposal Trench - No. 2 Width 2' Total Length 80' Total leaching area 160 sq. ft. SIDES
Seepage Pit No. Diameter Depth below inlet 2' Total leaching area 160 sq. ft. BOTTOM

Other Distribution box (X) Dosing tank ()
Percolation Test Results Performed by FILIOS ENTERPRISES, INC Date
Test Pit No. 1 2 minutes per inch Depth of Test Pit 11' Depth to ground water NONE
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil SEE ATTACHED SHEET

Nature of Repairs or Alterations - Answer when applicable - EXAMINE EXISTING SEPTIC TANK AND REPLACE IF FAULTY

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 William W. Hoffa
Application Approved By Dennis A. Pinski for Amherst Health Dept. 6/15/88
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 (X) by

1131 BAY RD
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 System inspected 6/21/88 OK to backfill Inspector D. Pinski
fill material on downside of system needs to be placed.

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

No. FEE

Disposal Works Construction Permit

Permission is hereby granted WILLIAM HOFFA
to Construct () or Repair (X) an Individual Sewage Disposal System
at No. 1131 BAY RD

as shown on the application for Disposal Works Construction Permit No. Dated
for Amherst Health Dept. D. Pinski
Board of Health

DATE June 15, 1988

CHECK OR FILL IN WHERE APPLICABLE

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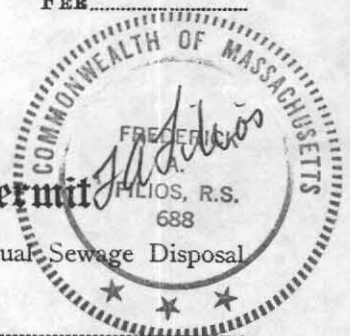
FEE

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 () or Repair (X) an Individual Sewage Disposal System at:

1131 BAY RD Location - Address or Lot No.
WILLIAM HOFFA Owner Address
Karl's Excavating Co. Installer Address

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

Design Flow 55 gallons per person per day. Total daily flow 40 x 1.25 x 550 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 8.5 Width 5 Diameter Depth 5.3
Disposal Trench - No. 2 Width 2' Total Length 80' Total leaching area 160 sq. ft. SIDES
Seepage Pit No. Diameter Depth below inlet 2' Total leaching area 160 sq. ft. BOTTOM

Other Distribution box (V) Dosing tank ()
Percolation Test Results Performed by FILIOS ENTERPRISES, INC Date
Test Pit No. 1 2 minutes per inch Depth of Test Pit 11' Depth to ground water NONE
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil SEE ATTACHED SHEET

Nature of Repairs or Alterations - Answer when applicable - EXAMINE EXISTING SEPTIC TANK AND REPLACE IF FAULTY

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 William W. Hoffa 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 (X) by 1131 BAY RD Installer

at 1131 BAY RD 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 WILLIAM HOFFA to Construct () or Repair (X) an Individual Sewage Disposal System at No. 1131 BAY RD Street

as shown on the application for Disposal Works Construction Permit No. Dated For Amherst Health Dept: D. Pinski Board of Health

DATE June 15, 1988

CHECK OR FILL IN WHERE APPLICABLE

TOWN REPORT

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88-25
Repair

SGIL EXAMINATIONS / PERCOLATION TESTS

JOB #

LOCATION OF PROP.: *Bill Hoffa*
1131 Bay Road
Amherst, MA

LOT NO.:

DATE PERFORMED: *May 26, 1988*

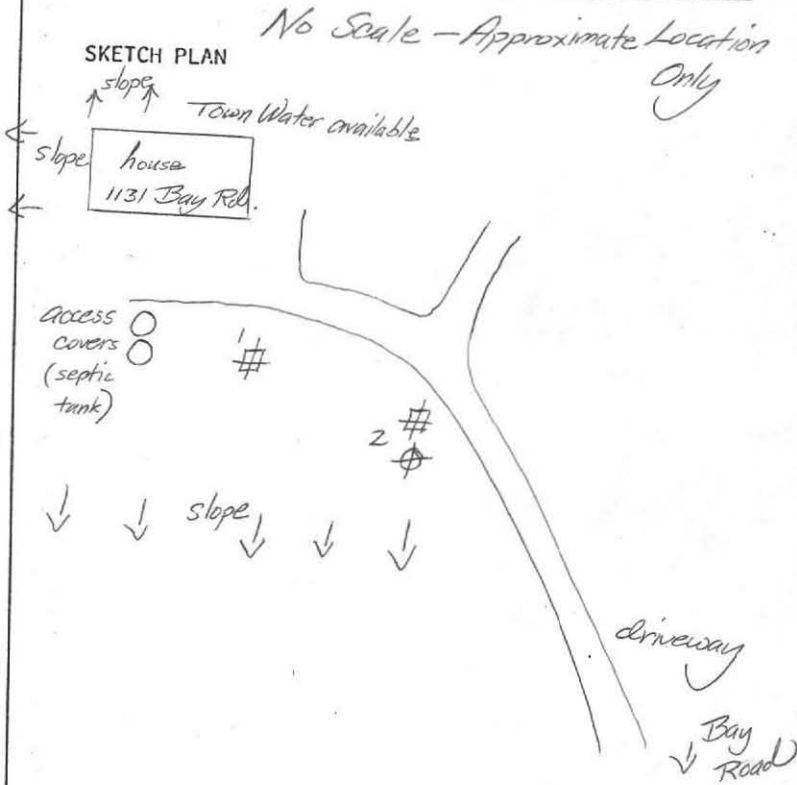
PERFORMED BY: *Fred Filios*

WITNESSED BY: *for Amherst Health Dept. D. Luski*

PERK TEST RESULTS: (tabulation on back)

- | | | |
|--------------------------|---|----------------------|
| 1. <i>2 minutes/inch</i> | soak 11 ⁰² -11 ¹⁷ | 12" 11 ¹⁷ |
| 2. | | 9" 11 ¹⁹ |
| 3. | | 6" 11 ²¹ |
| 4. | | |

COMMENTS: *Limited area available for location of a new leaching system. Hold for design plans.*
Soil is consistent throughout depth of excavation.
Note: Existing system ~ 20 yr. old. System is failing (pumped several times recent weeks), no sewage surfacing on ground in area of the system. Recommend installation of system deep



INDICATES OBSERVATION HOLES

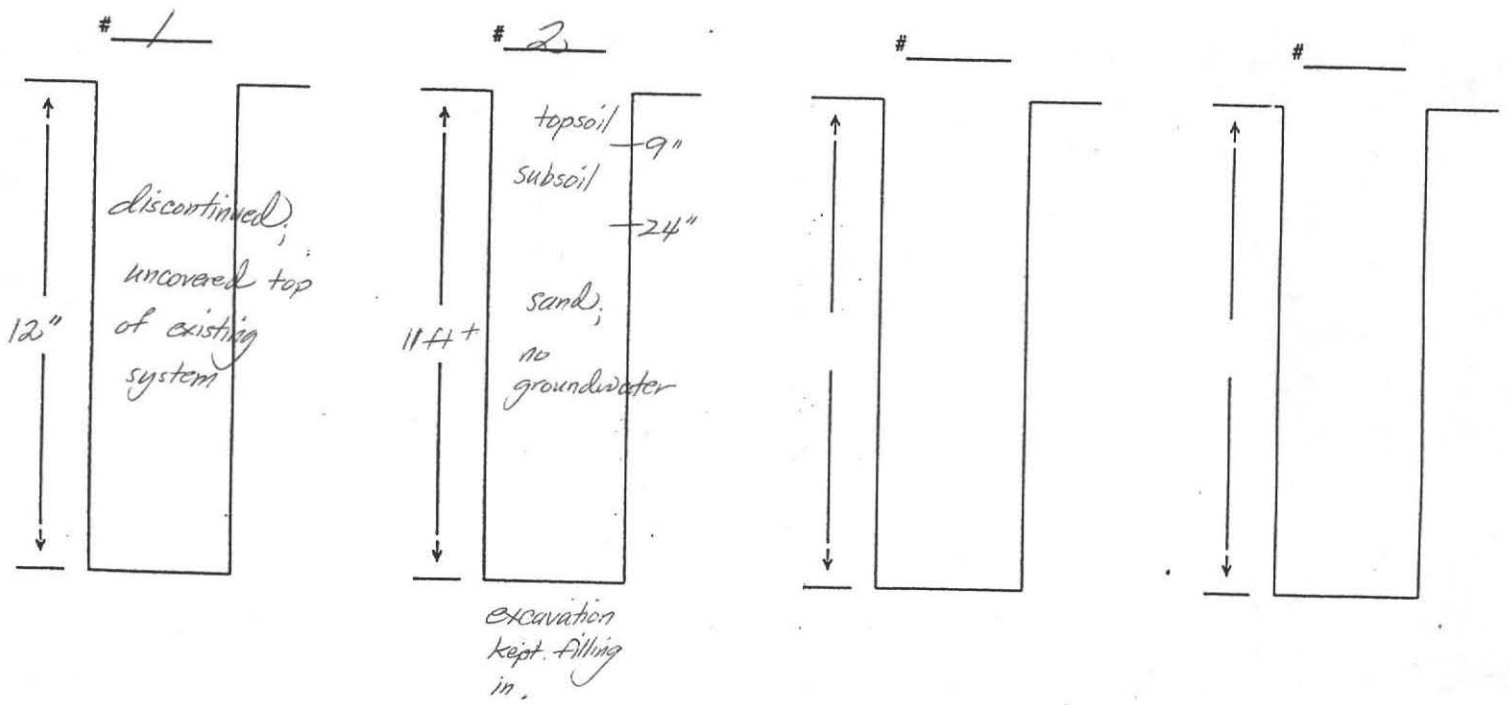
INDICATES PERK TEST LOCATION

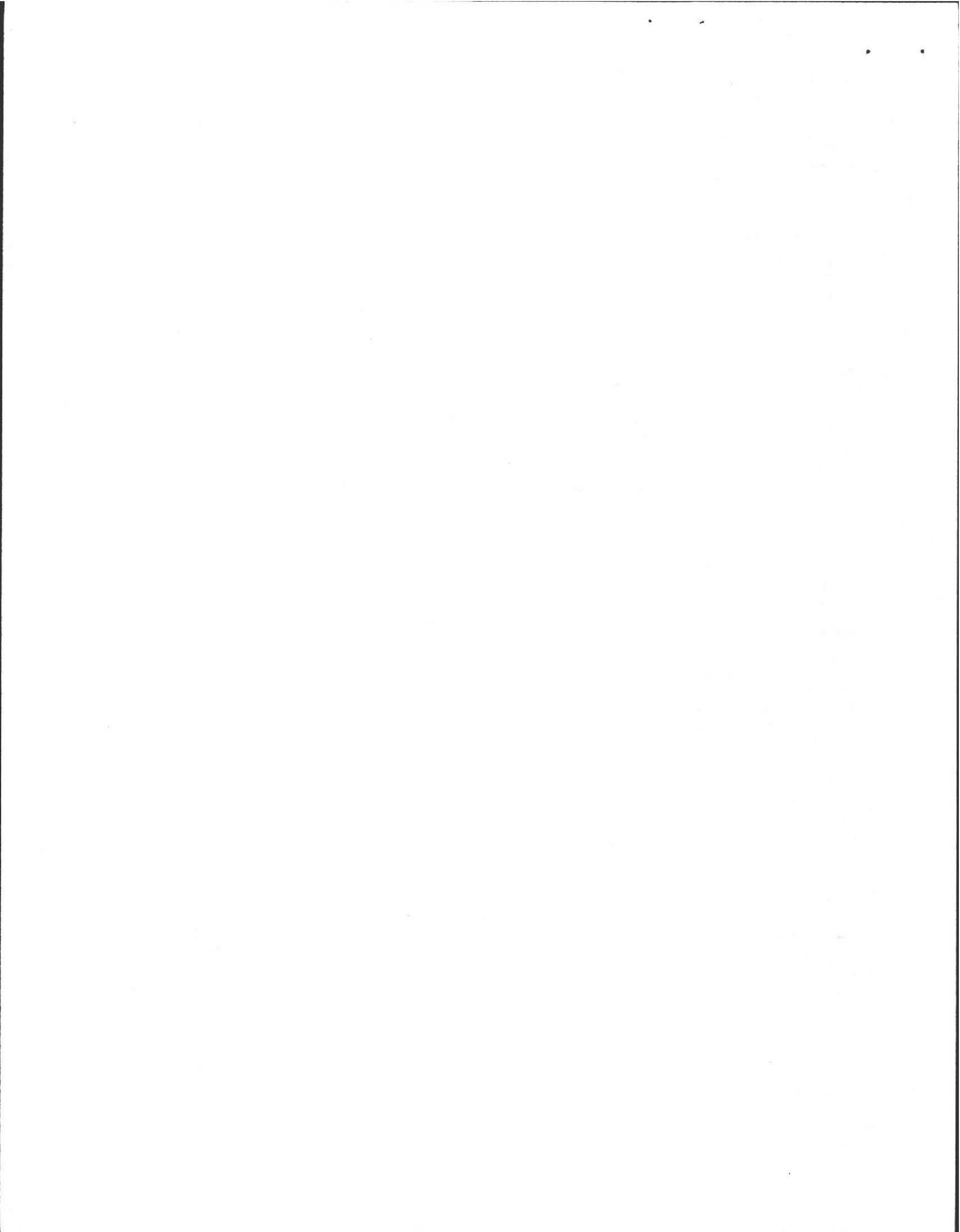
Test pit # 2 ~ 17' from edge of driveway and 93' from front right corner of house.

∇ indicates groundwater

↳ into ground to provide offset to break out point.

OBSERVATION HOLES





DEEP SOIL LOGS

OWNER WILLIAM HOFFA

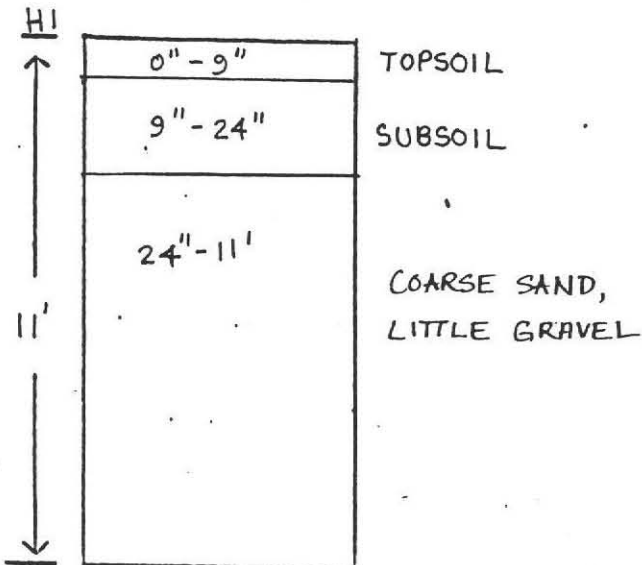
DATE MAY 26, 1988

LOCATION 1131 BAY RD

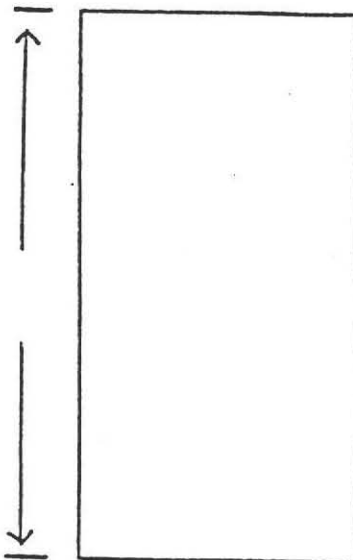
OBSERVER Filios Enterprises Inc.

AMHERST MA

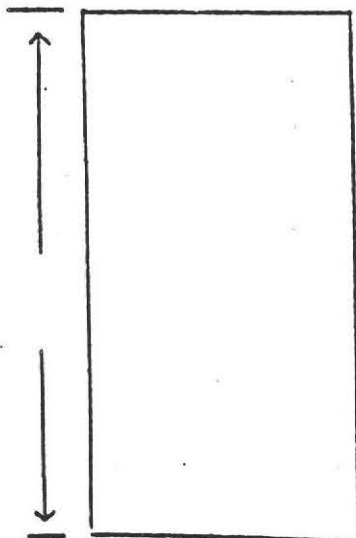
B of H DENNIS PINSKI



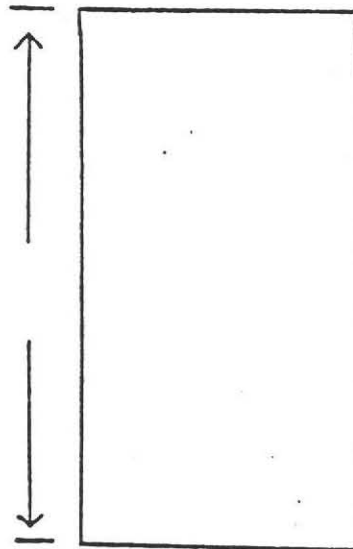
GROUND WATER NONE



GROUND WATER _____



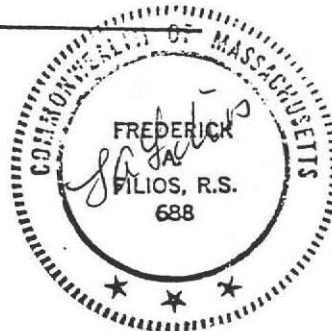
GROUND WATER _____

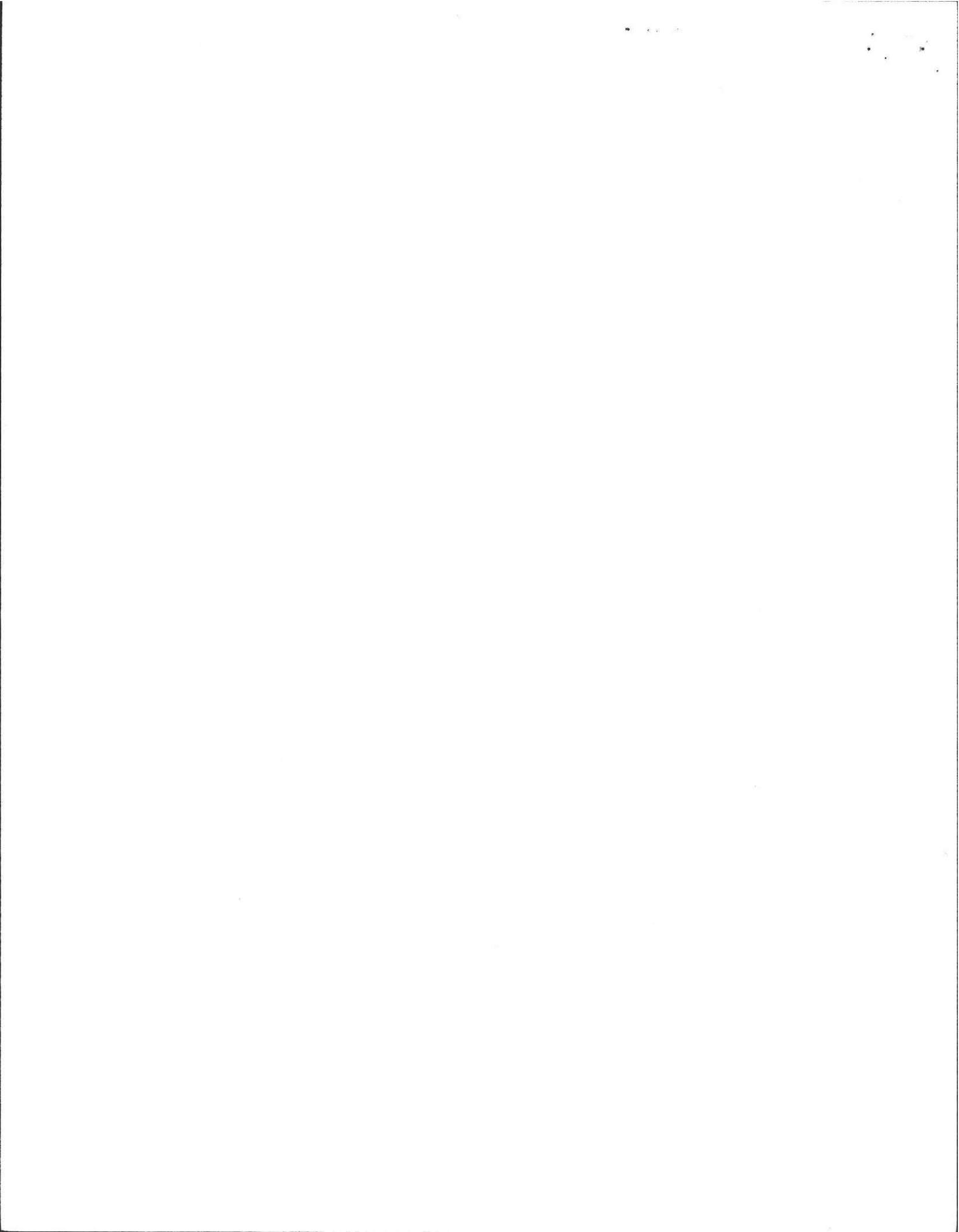


GROUND WATER _____

PERCOLATION RATE AT 40":

< 2 min./inch





PLAN SHOWING SEWAGE DISPOSAL SYSTEM

FOR: WILLIAM HOFFA
1131 BAY RD.
AMHERST, MA.

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

AT: 1131 BAY RD.
AMHERST, MA.

DATE: JUNE 5, 1988
SCALE: 1" = 40' - 00"

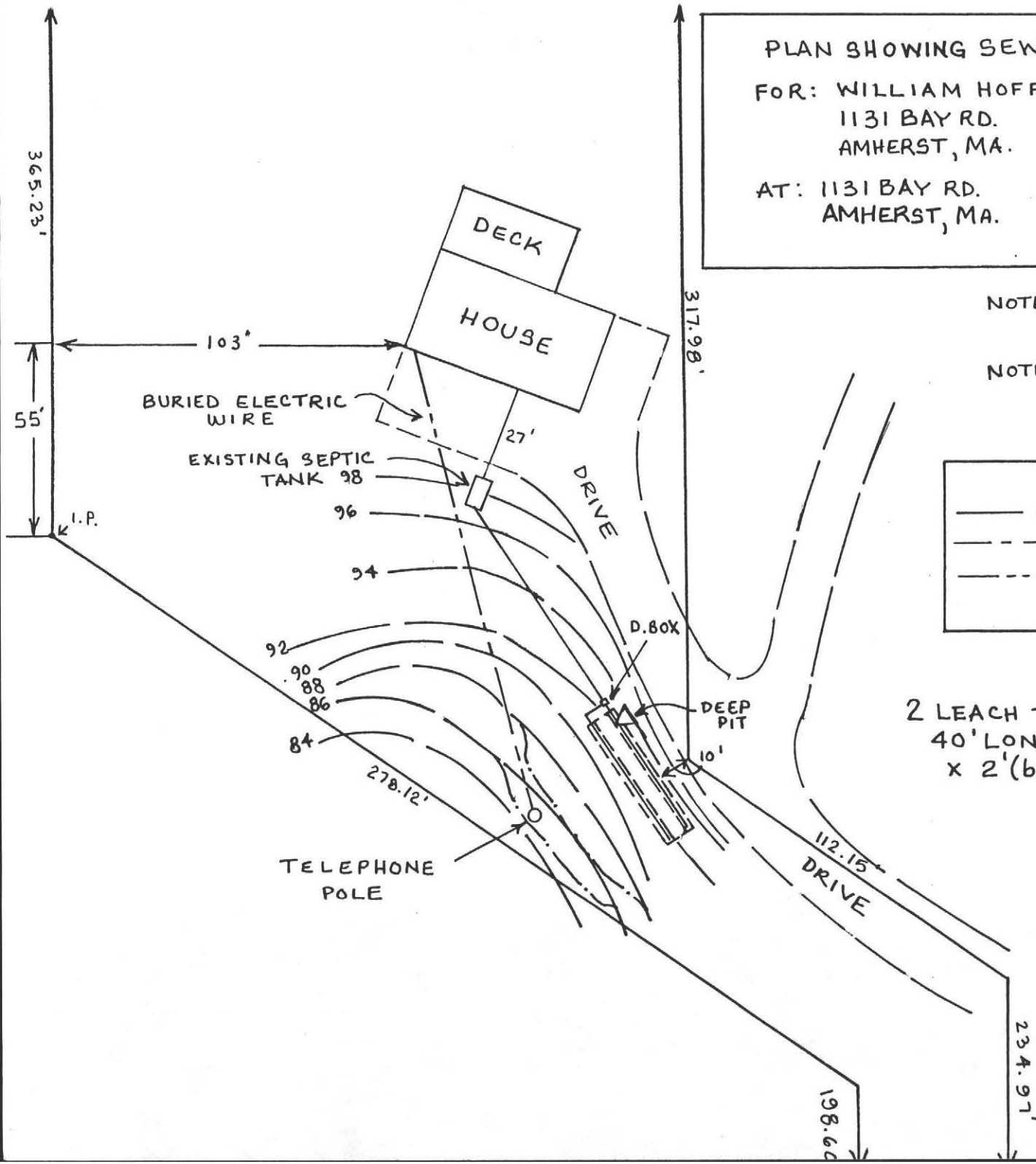
NOTE: HOUSE ON TOWN WATER - NO WELLS
WITHIN 200' OF LEACH SYSTEM.

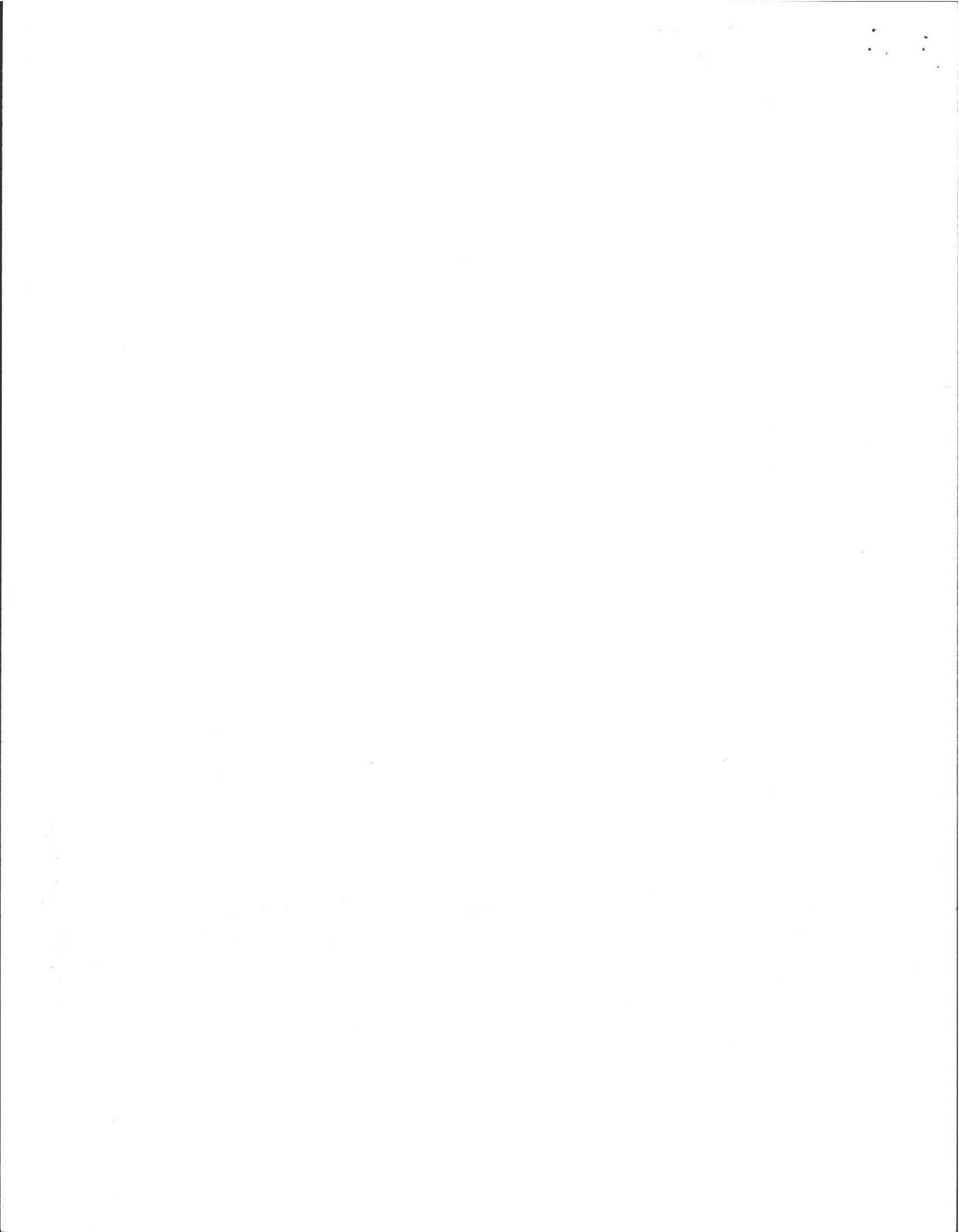
NOTE: T.B.M. IS NAIL IN DRIVE 15'
FROM HOUSE.

LEGEND:

- — — — — EXISTING CONTOURS
- - - - - PROPOSED CONTOURS
- - - - - BURIED ELECTRIC CABLE

2 LEACH TRENCHES
40' LONG X 2' WIDE
X 2' (below inlet)





CROSS-SECTION AT 1+10

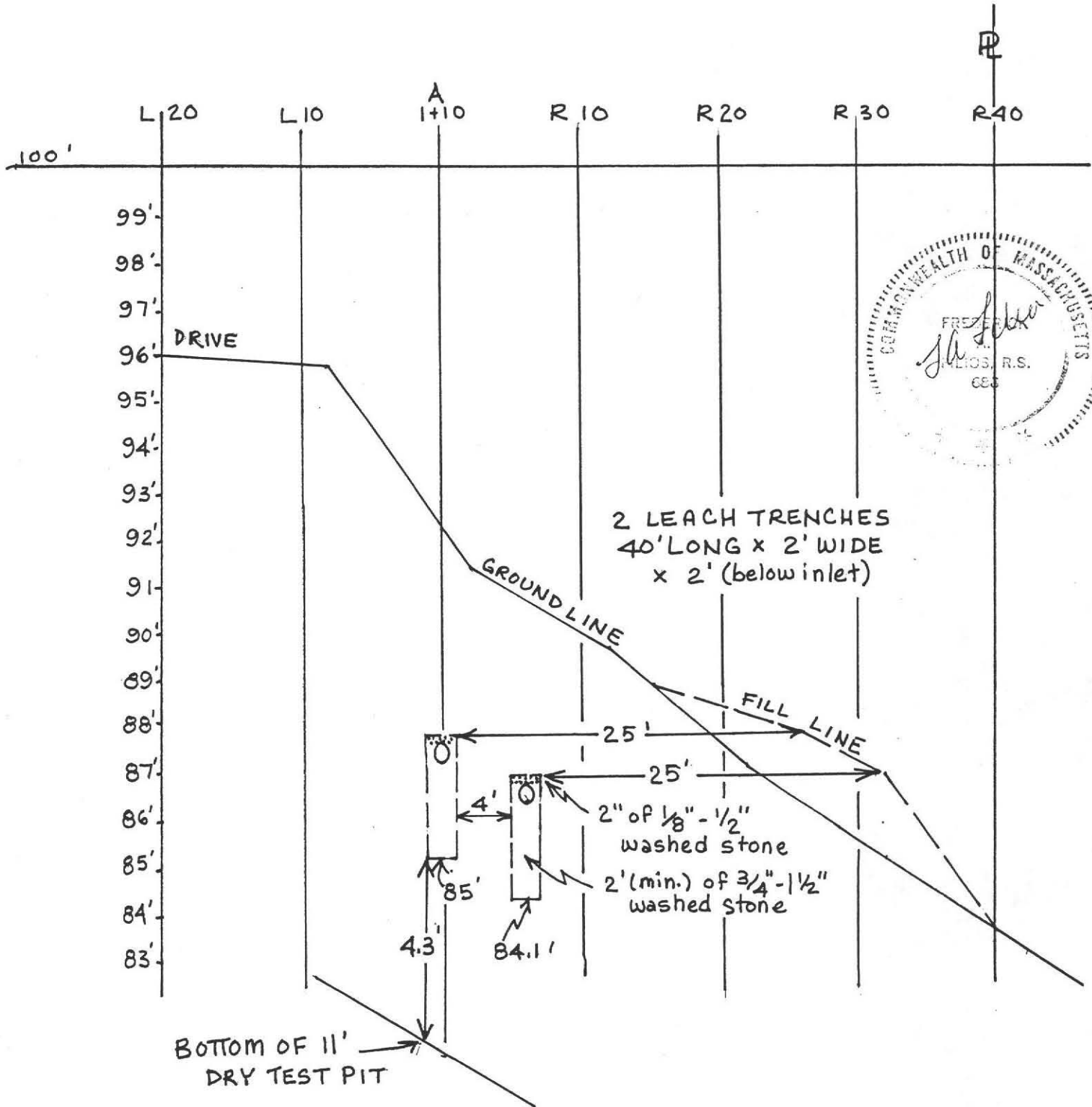
FOR: RICHARD HOFFA
1131 BAY ROAD
AMHERST, MA

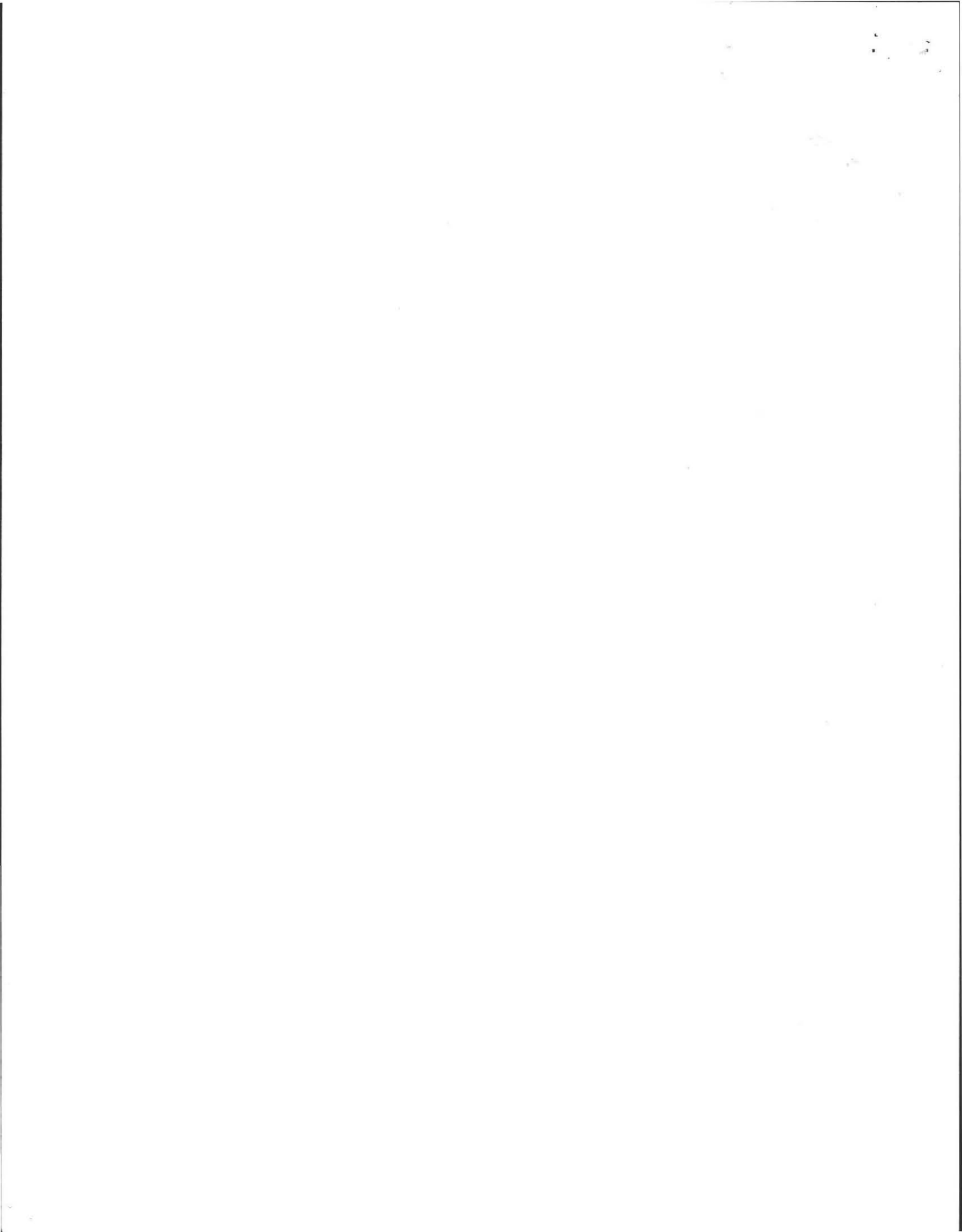
BY: FILIOS ENTERPRISES, INC
69 PELHAM ROAD
AMHERST, MA 01002

LOCATION: 1131 BAY ROAD
AMHERST, MA

SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 3'

DATE: JUNE 5, 1988





FOR: WILLIAM HOFFA
1131 BAY RD
AMHERST, MA

LOCATION: SAME

PROFILE OF SEPTIC DESIGN "REPAIR"

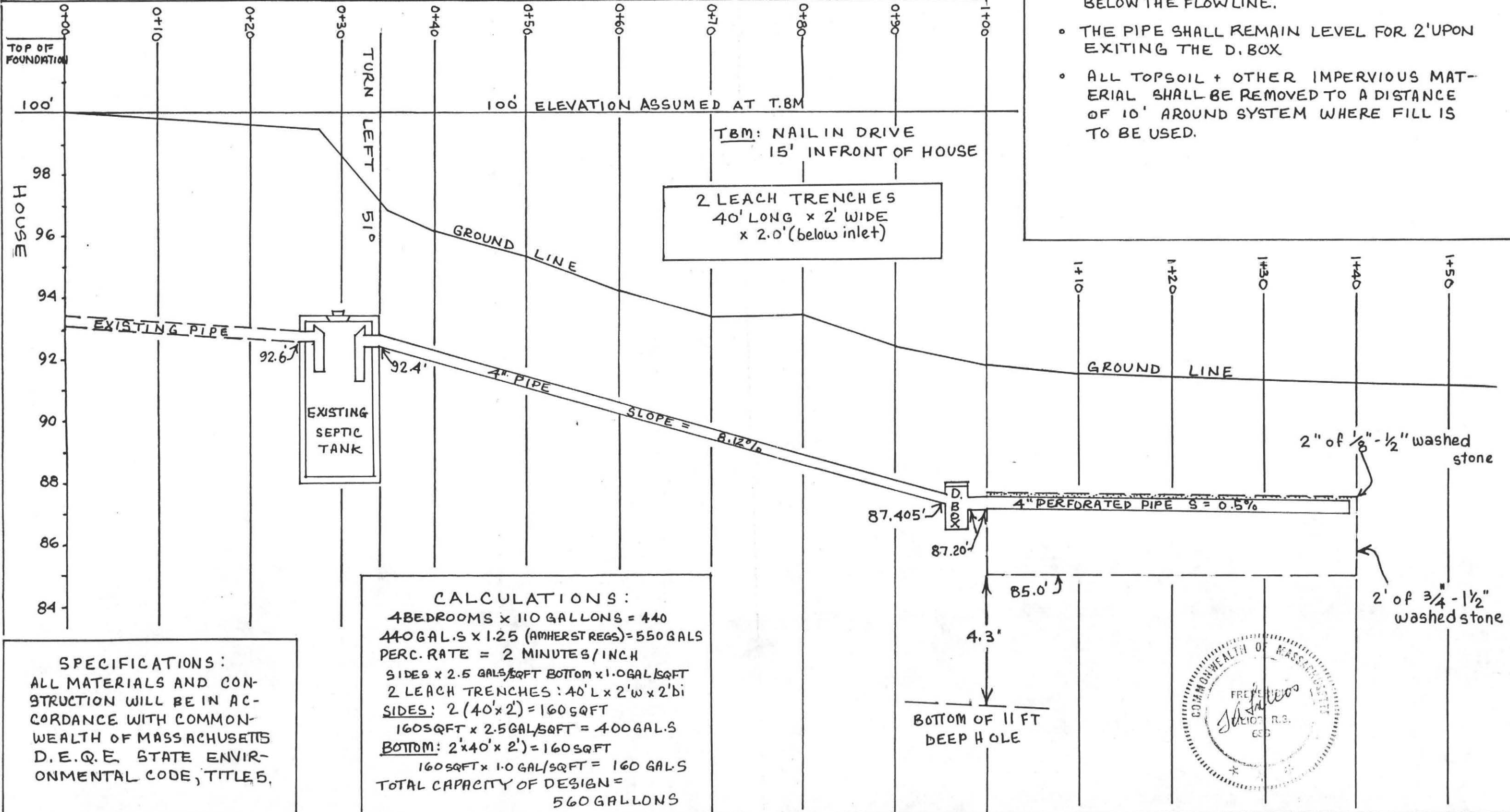
DATE: JUNE 8, 1988

BY: FILIOS ENTERPRISES, INC.
69 PELHAM RD.
AMHERST, MA. 01002 (KAO)

SCALE: HORIZONTAL: 1" = 10'-00"
VERTICAL: 1" = 3'-00"

CONSTRUCTION NOTES:

- IT IS SUGGESTED THAT THE SEPTIC TANK BE INSPECTED AND PUMPED AT LEAST EVERY 2ND YEAR. THE INLET TEE OF THE SEPTIC TANK SHOULD EXTEND 10" BELOW THE FLOWLINE OF THE TANK. THE OUTLET TEE EXTENDS 14" BELOW THE FLOWLINE.
- THE PIPE SHALL REMAIN LEVEL FOR 2' UPON EXITING THE D. BOX
- ALL TOPSOIL + OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED TO A DISTANCE OF 10' AROUND SYSTEM WHERE FILL IS TO BE USED.



CALCULATIONS:
 4 BEDROOMS x 110 GALLONS = 440
 440 GAL.S x 1.25 (AMHERST REGS) = 550 GALS
 PERC. RATE = 2 MINUTES/INCH
 SIDES x 2.5 GALS/SQFT BOTTOM x 1.0 GAL/SQFT
 2 LEACH TRENCHES: 40' L x 2' W x 2' DI
 SIDES: 2 (40' x 2') = 160 SQFT
 160 SQFT x 2.5 GAL/SQFT = 400 GAL.S
 BOTTOM: 2' x 40' x 2' = 160 SQFT
 160 SQFT x 1.0 GAL/SQFT = 160 GALS
 TOTAL CAPACITY OF DESIGN =
 560 GALLONS

SPECIFICATIONS:
 ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH COMMONWEALTH OF MASSACHUSETTS D.E.Q.E. STATE ENVIRONMENTAL CODE, TITLE 5.





No.

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 (X) an Individual Sewage Disposal

System at:

1131 BAY RD

WILLIAM HOEFA

Location - Address
Owner

or Lot No.

Address

Installer

Address

Type of Building

Size Lot..... Sq. feet

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

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

Other fixtures

Design Flow..... 55 gallons per person per day. Total daily flow..... 440 x 1.25 x 550 gallons.

Septic Tank - Liquid capacity..... 1000 gallons Length..... 8.5 Width..... 5 Diameter..... Depth..... 5.3

Disposal Trench - No. 2 Width..... 2' Total Length..... 80 Total leaching area..... 160 sq. ft. SIDES

Seepage Pit No..... Diameter..... Depth below inlet..... 2' Total leaching area..... 160 sq. ft. BOTTOM

Other Distribution box (X) Dosing tank ()

Percolation Test Results Performed by..... FILIOS ENTERPRISES, INC Date.....

Test Pit No. 1..... 2 minutes per inch Depth of Test Pit..... 11' Depth to ground water..... NONE

Test Pit No. 2..... minutes per inch Depth of Test Pit..... Depth to ground water.....

Description of Soil..... SEE ATTACHED SHEET

Nature of Repairs or Alterations - Answer when applicable - EXAMINE EXISTING SEPTIC TANK AND REPLACE IF FAULTY

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..... 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 (X) by.....

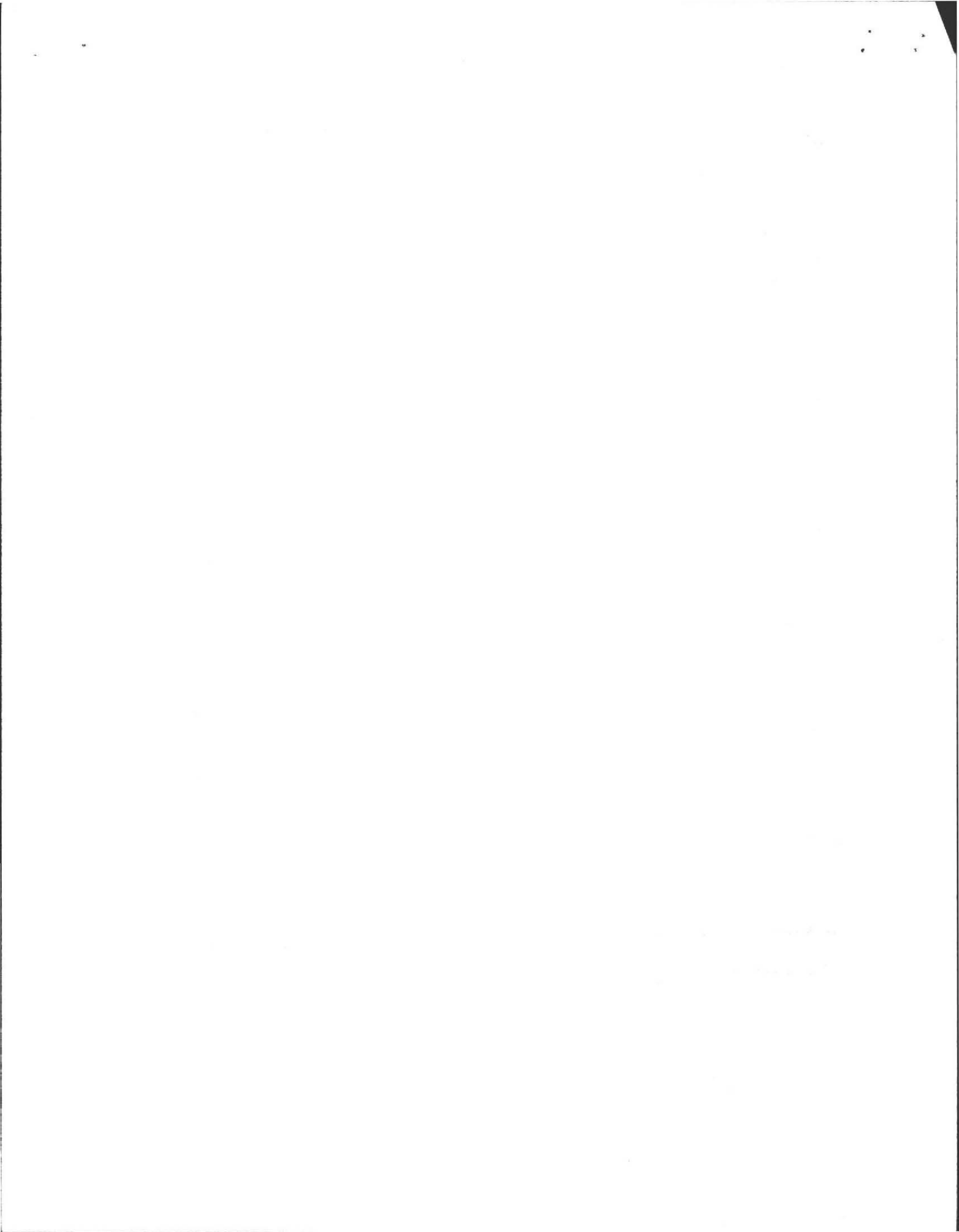
at..... 1131 BAY RD Installer

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

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

DATE..... Inspector.....

CHECK OR FILL IN WHERE APPLICABLE



DEEP SOIL LOGS

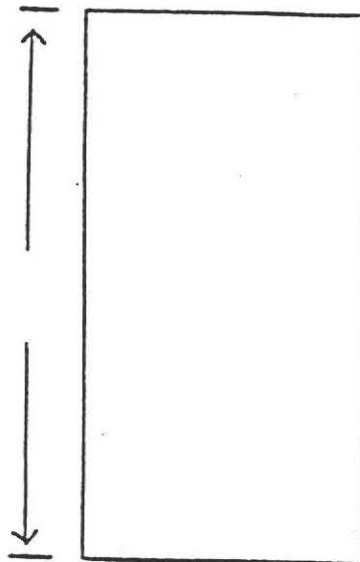
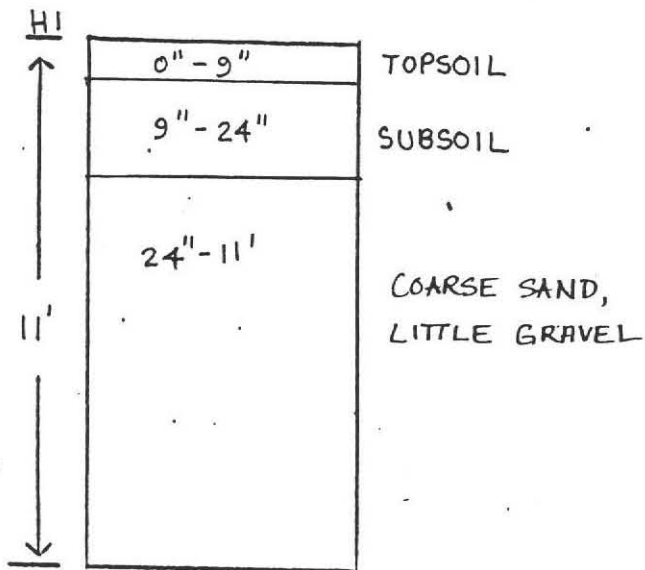
OWNER WILLIAM HOFFA

DATE MAY 26, 1988

LOCATION 1131 BAY RD
AMHERST MA

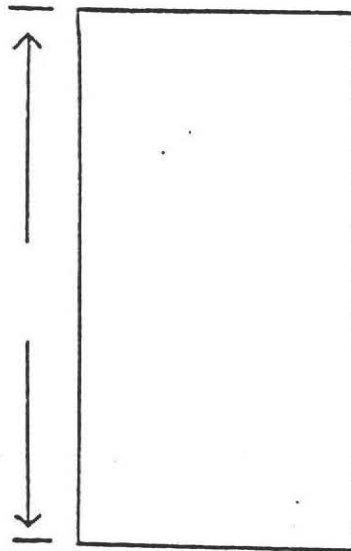
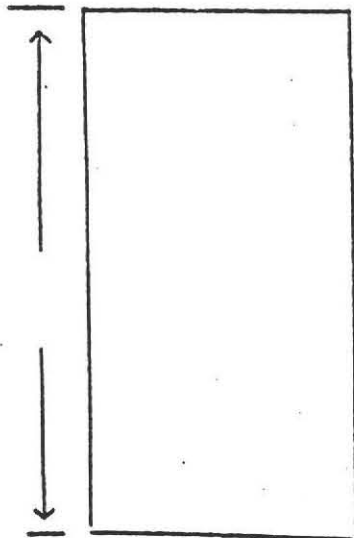
OBSERVER FILIOS Enterprises Inc.

B of H DENNIS PINSKI



GROUND WATER NONE

GROUND WATER _____

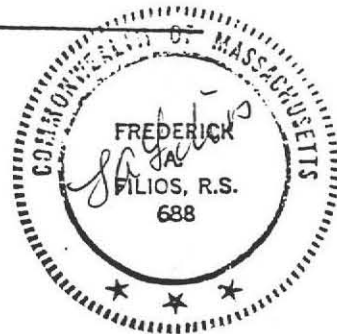


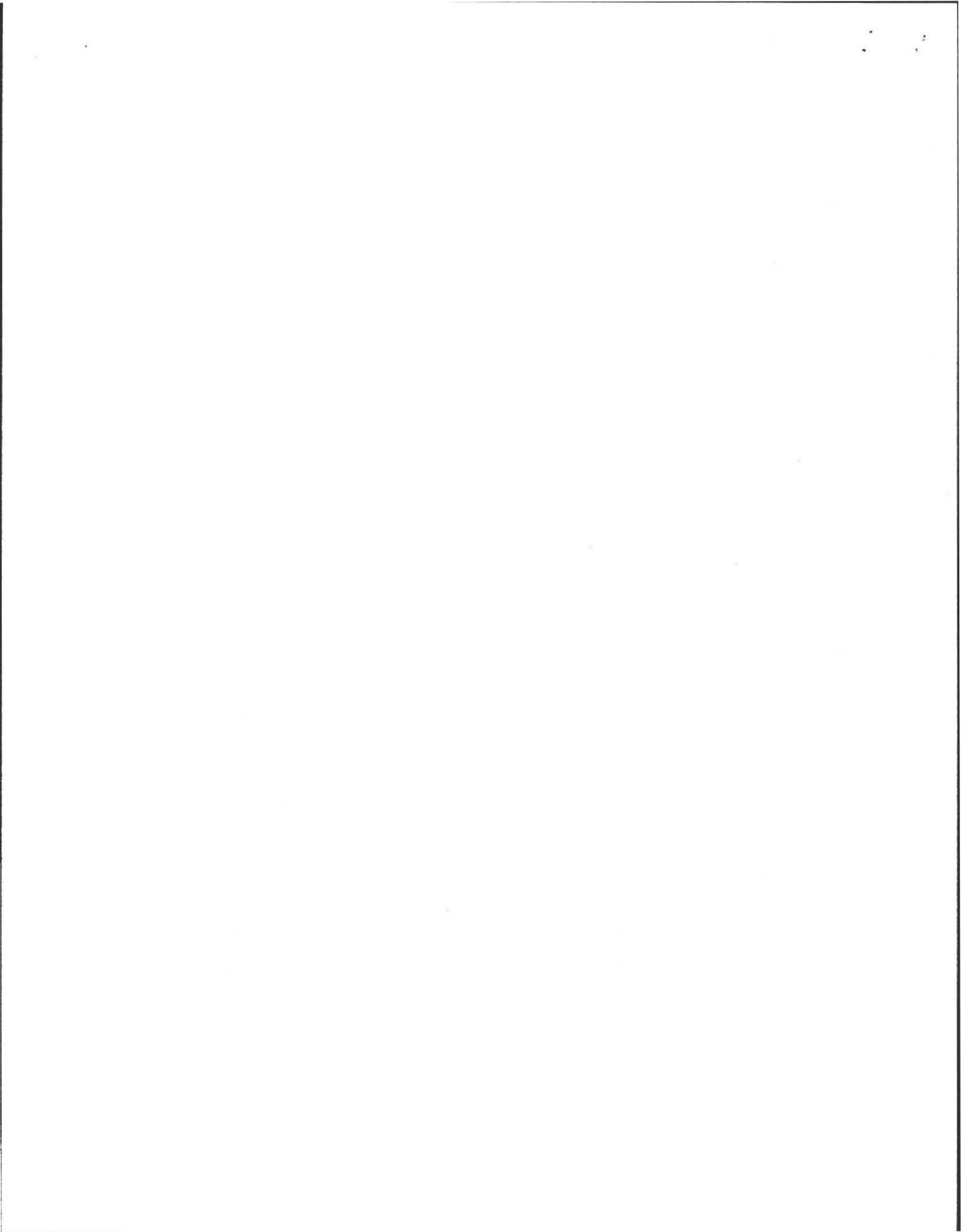
GROUND WATER _____

GROUND WATER _____

PERCOLATION RATE AT 40":

< 2 min./inch





PLAN SHOWING SEWAGE DISPOSAL SYSTEM

FOR: WILLIAM HOFFA
1131 BAY RD.
AMHERST, MA.

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

AT: 1131 BAY RD.
AMHERST, MA.

DATE: JUNE 5, 1988

SCALE: 1" = 40' - 00"

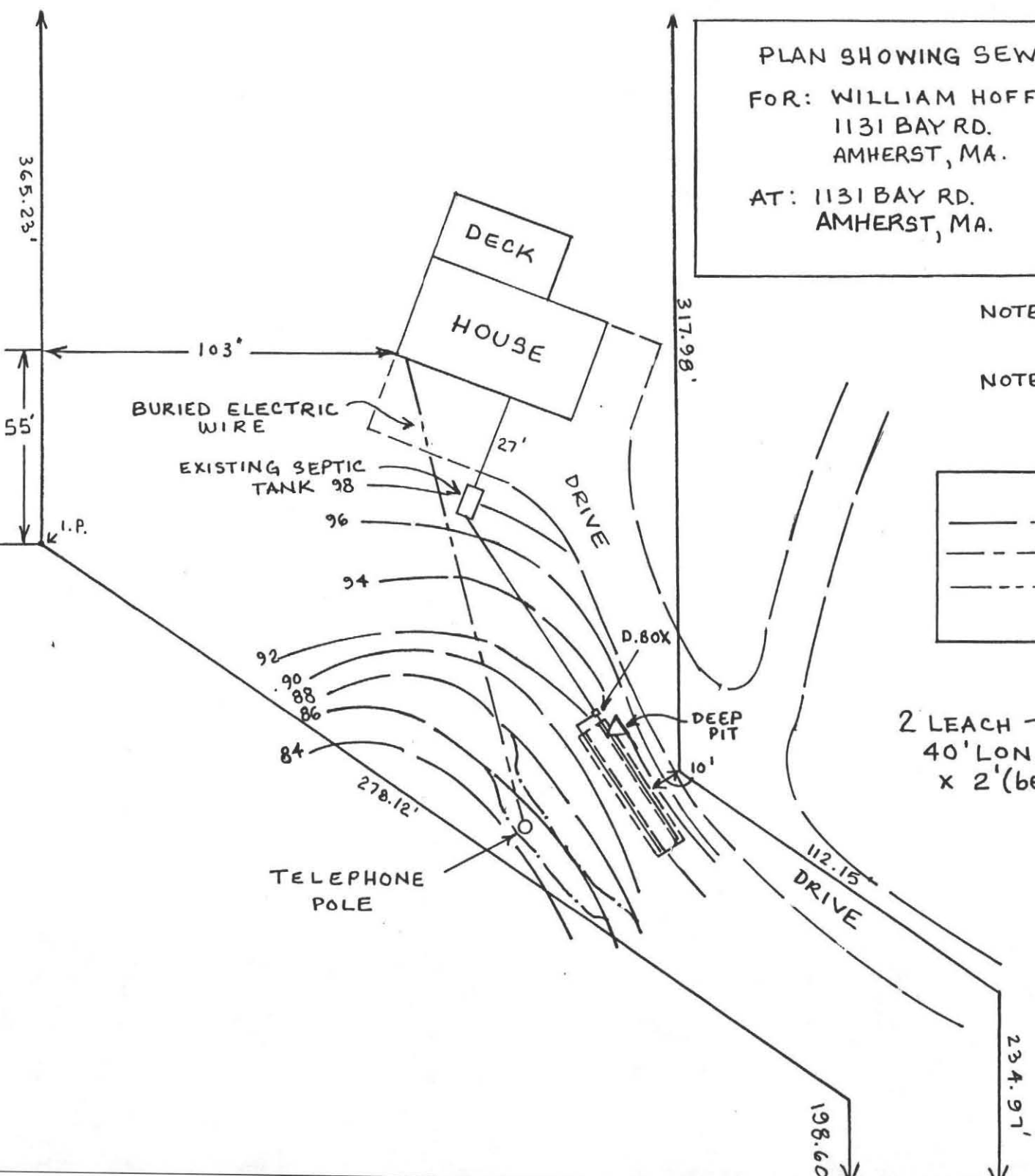
NOTE: HOUSE ON TOWN WATER - NO WELLS
WITHIN 200' OF LEACH SYSTEM.

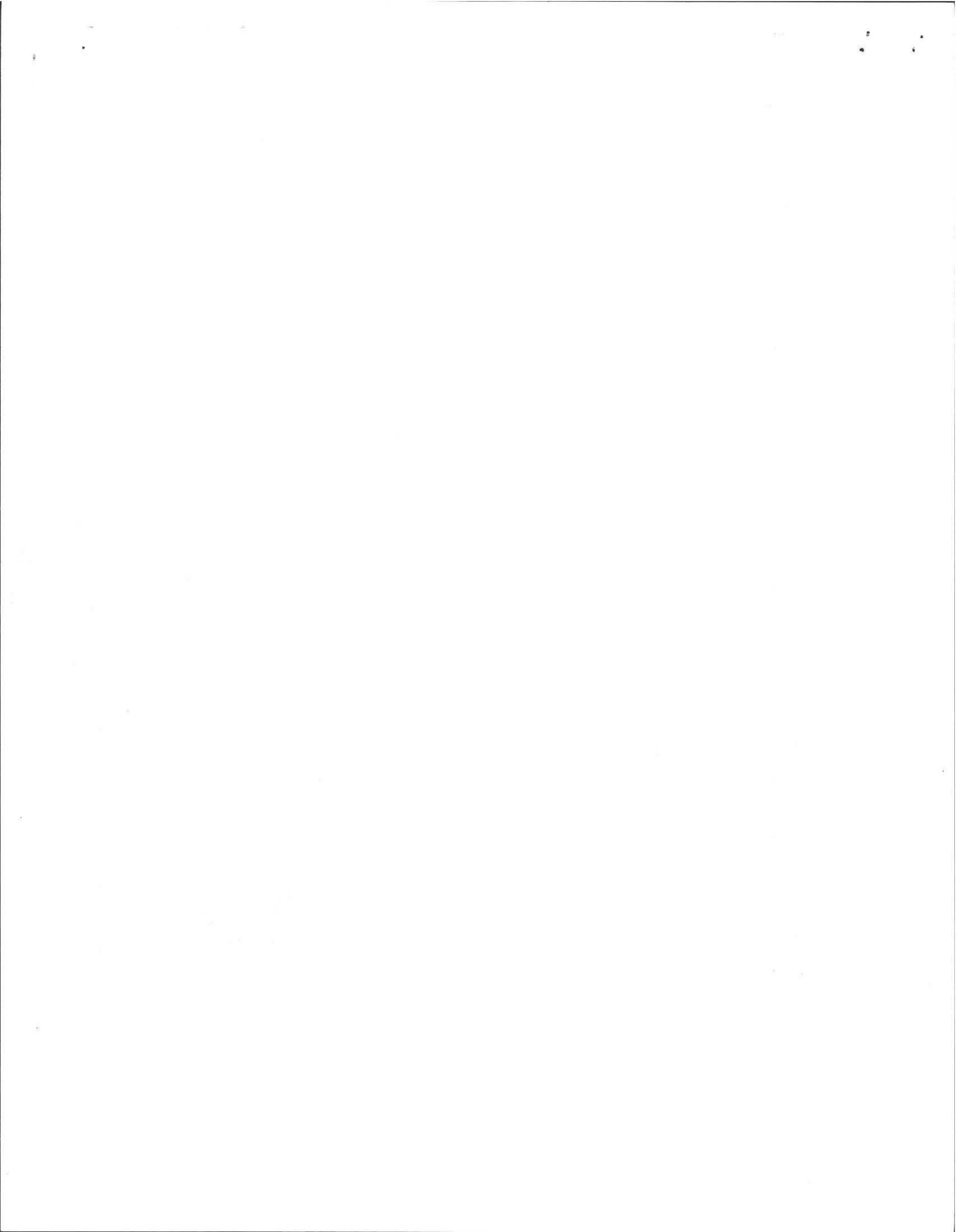
NOTE: T.B.M IS NAIL IN DRIVE 15'
FROM HOUSE.

LEGEND:

- — — — — EXISTING CONTOURS
- - - - - PROPOSED CONTOURS
- - - - - BURIED ELECTRIC CABLE

2 LEACH TRENCHES
40' LONG x 2' WIDE
x 2' (below inlet)





CROSS-SECTION AT 1+10

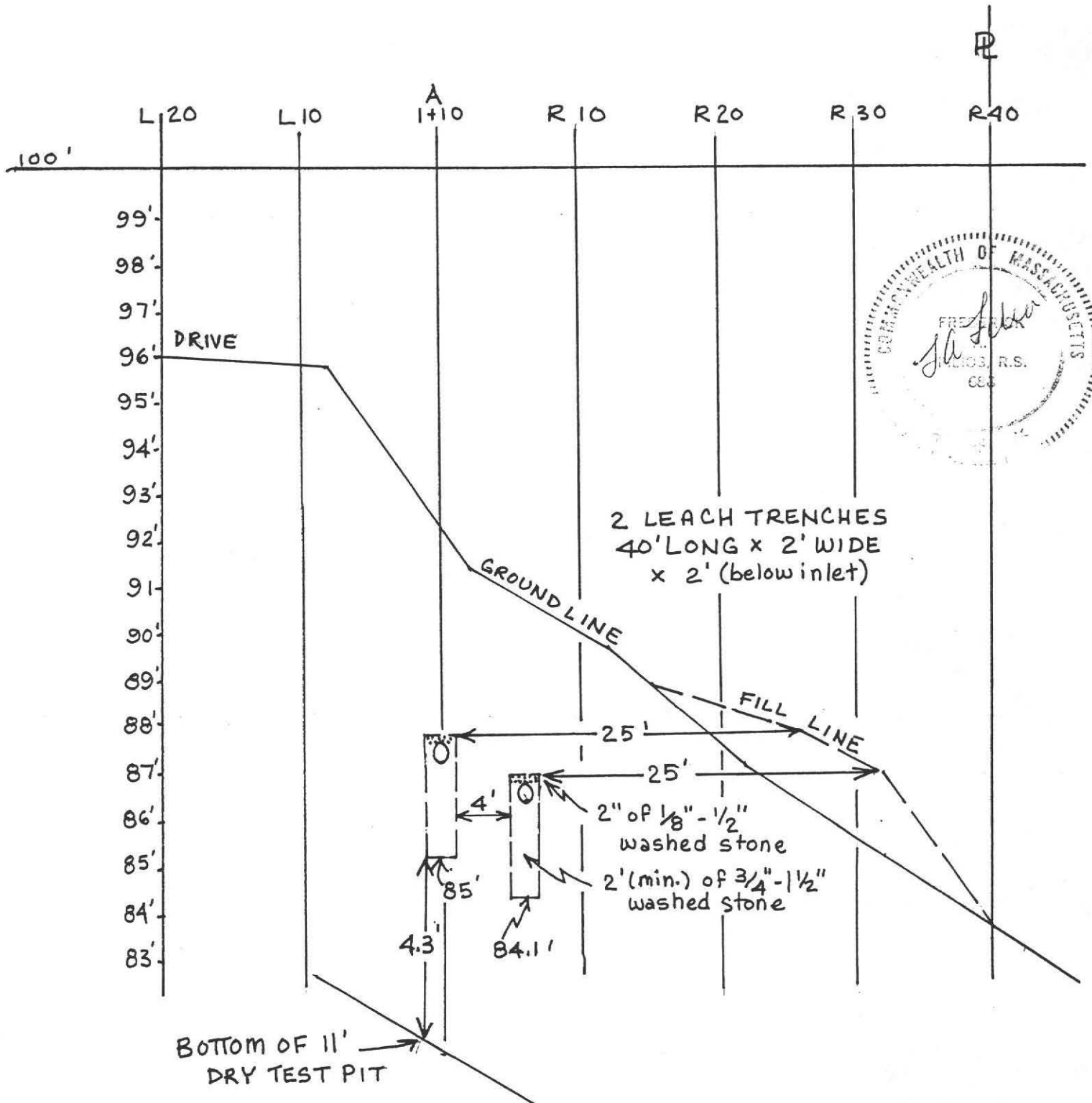
FOR: RICHARD HOFFA
1131 BAY ROAD
AMHERST, MA

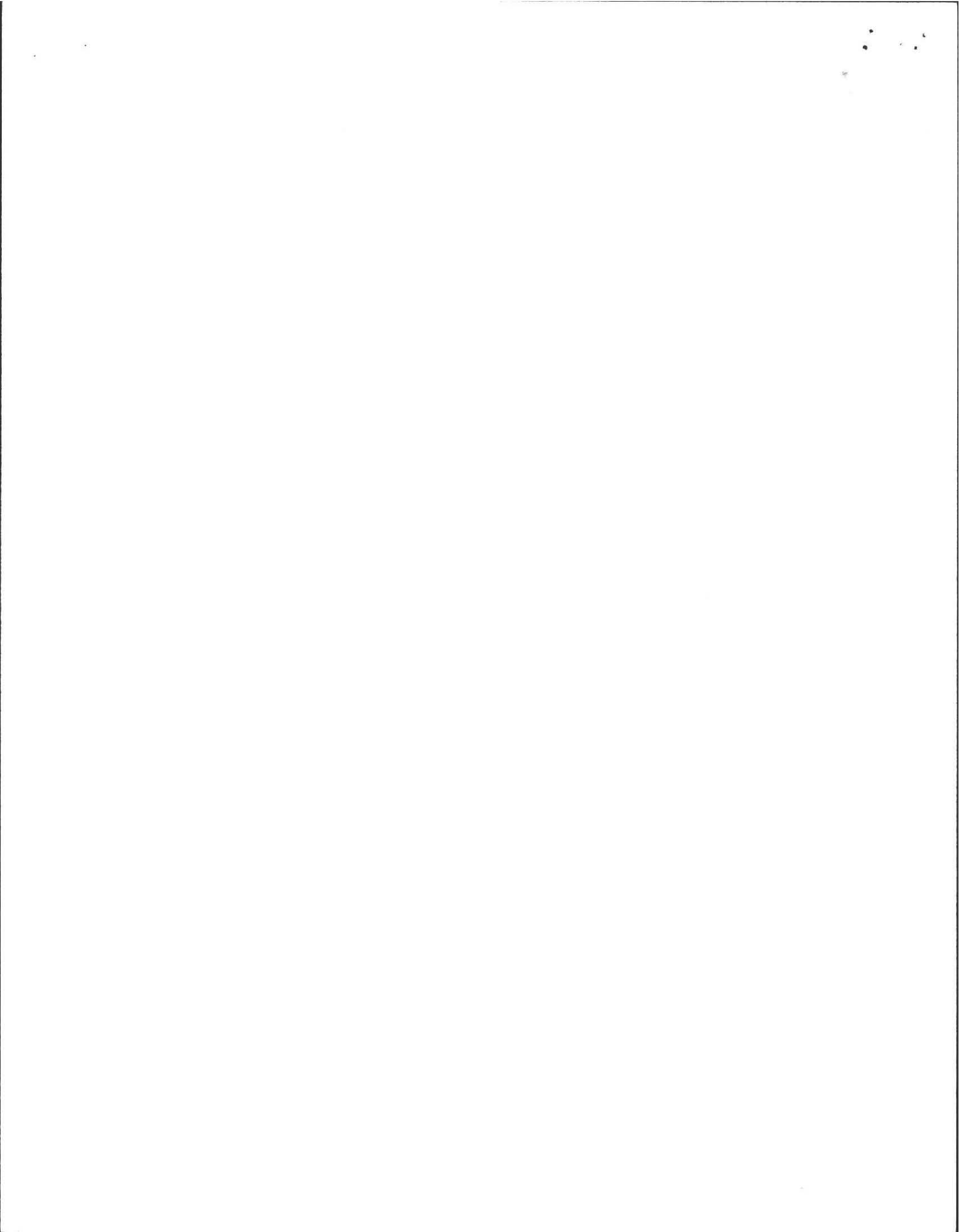
BY: FILIOS ENTERPRISES, INC
69 PELHAM ROAD
AMHERST, MA 01002

LOCATION: 1131 BAY ROAD
AMHERST, MA

SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 3'

DATE: JUNE 5, 1988





FOR: WILLIAM HOFFA
1131 BAY RD
AMHERST, MA
LOCATION: SAME

PROFILE OF SEPTIC DESIGN "REPAIR"

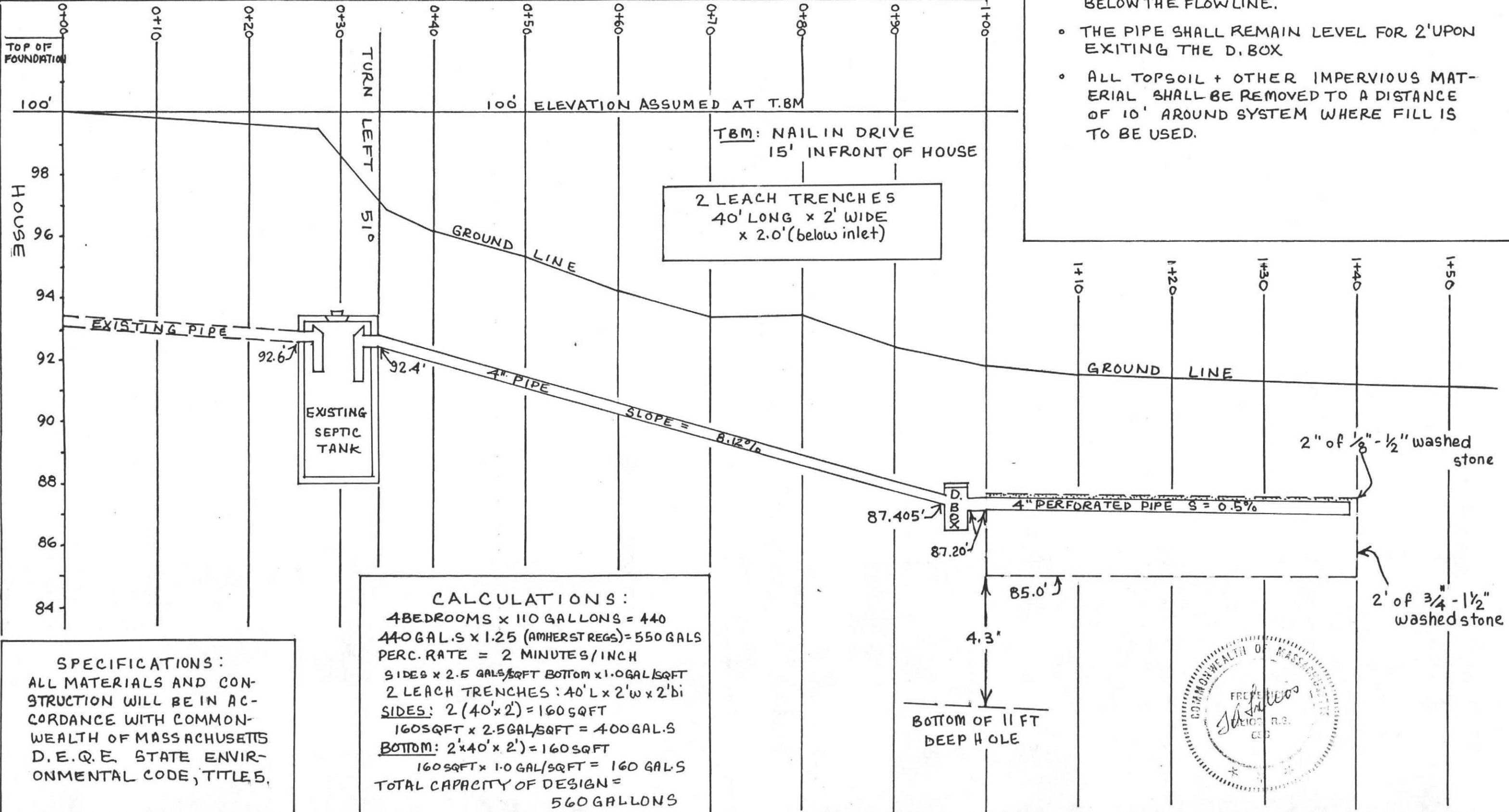
DATE: JUNE 8, 1988

BY: FILIOS ENTERPRISES, INC.
69 PELHAM RD.
AMHERST, MA. 01002 (KAO)

SCALE: HORIZONTAL: 1" = 10'-00"
VERTICAL: 1" = 3'-00"

CONSTRUCTION NOTES:

- IT IS SUGGESTED THAT THE SEPTIC TANK BE INSPECTED AND PUMPED AT LEAST EVERY 2ND YEAR. THE INLET TEE OF THE SEPTIC TANK SHOULD EXTEND 10" BELOW THE FLOWLINE OF THE TANK. THE OUTLET TEE EXTENDS 14" BELOW THE FLOWLINE.
- THE PIPE SHALL REMAIN LEVEL FOR 2' UPON EXITING THE D. BOX
- ALL TOPSOIL + OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED TO A DISTANCE OF 10' AROUND SYSTEM WHERE FILL IS TO BE USED.



SPECIFICATIONS:
ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH COMMONWEALTH OF MASSACHUSETTS D.E.Q.E. STATE ENVIRONMENTAL CODE, TITLE 5.

CALCULATIONS:
4 BEDROOMS x 110 GALLONS = 440
440 GAL.S x 1.25 (AMHERST REGS) = 550 GALS
PERC. RATE = 2 MINUTES/INCH
SIDES x 2.5 GALS/SQFT BOTTOM x 1.0 GAL/SQFT
2 LEACH TRENCHES: 40' L x 2' W x 2' DI
SIDES: 2 (40' x 2') = 160 SQFT
160 SQFT x 2.5 GAL/SQFT = 400 GAL.S
BOTTOM: 2' x 40' x 2' = 160 SQFT
160 SQFT x 1.0 GAL/SQFT = 160 GAL.S
TOTAL CAPACITY OF DESIGN = 560 GALLONS



