

Town of



AMHERST *Massachusetts*

AMHERST HEALTH DEPARTMENT
(413) 253-7077

August 2, 1991

Mr. Frederick Filios
c/o Filios Enterprises Inc.
69 Pelham Road
Amherst, MA 01002

Dear Fred,

I am in receipt of your letter and plan of Mr. Edward Orwatt's Septic System design for parcel 40-1 South East Street, Amherst, MA 01002 which was received August 1, 1991.

There are several issues of concern I have with Filios Enterprises Inspection Reports.

First and foremost, when I spoke with Paul Filios on the phone several weeks ago he stated that the installation was fine and the installer could "Back fill" the system. Without going into details in the presense of Mr. Orwatt, I asked Paul again if the system meet the criteria of your sewage disposal plan. He stated "yes" and he would inform the installer he could cover the system. Now two to three weeks later I received this letter stating there are exceptions. Therefore, I need a letter from you stating whether this system meets the requirements or not.

If it doesn't, then the system will have to be reconstructed to meet your informational sheets.

In conclusion, this is not the first time reports from your office and your field notes are different from when the Health Department and a member of your staff conduct the original inspection.

The following must be met:

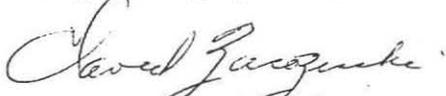
1. When a septic system has been installed in the Town of Amherst, the engineers or sanitarian must inspect the system and give the Health Department a written report as soon as possible.
2. No system can be covered up via telephone conversations.

File ORWATT # 1793

3. The septic system installation must meet the septic system design. If the report differs from the original design, the Health Department will not approve the system until corrections are made.

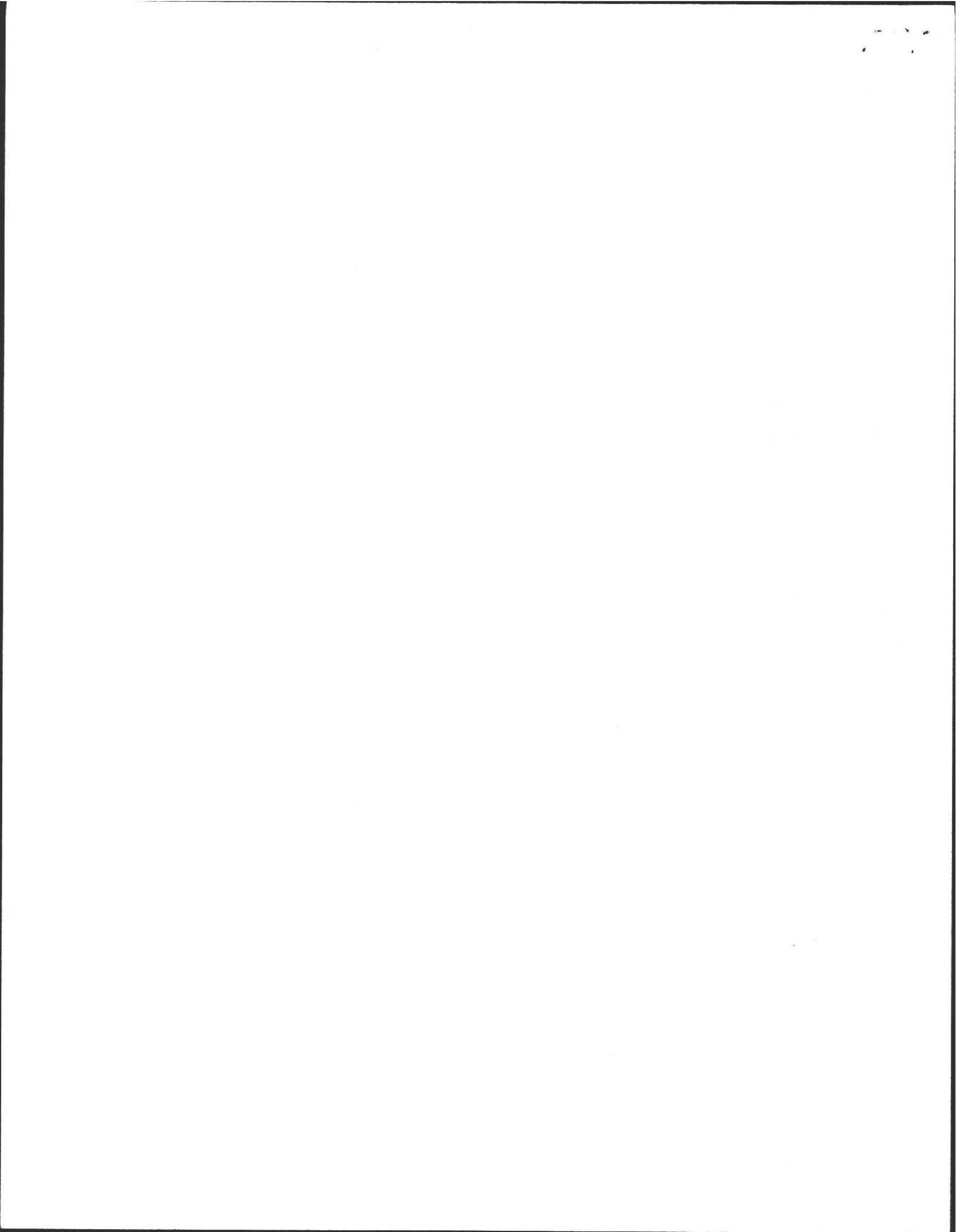
If you have any questions on this matter, please feel free to call me.

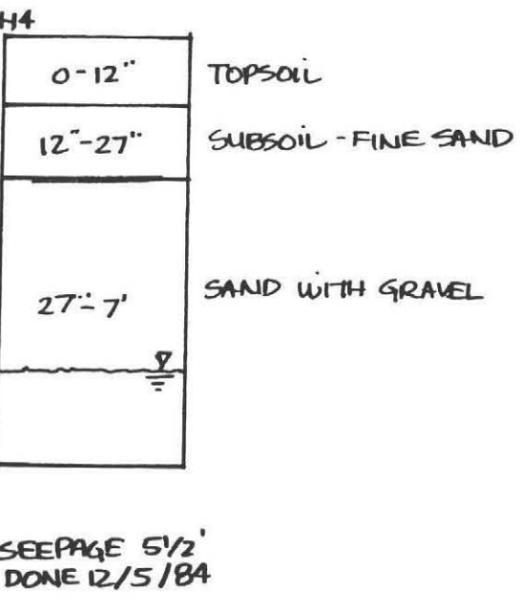
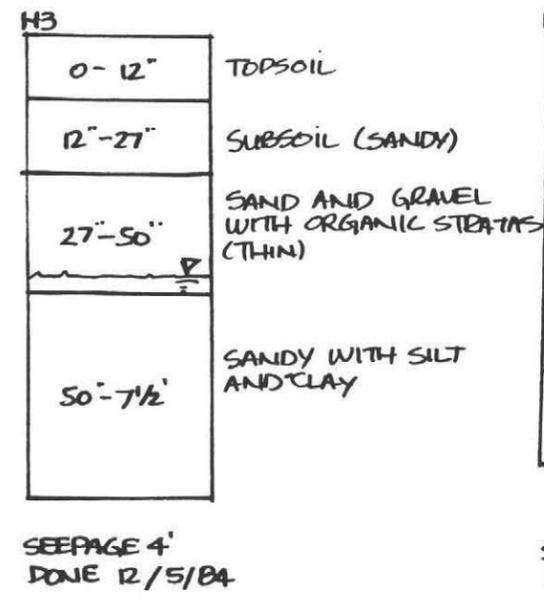
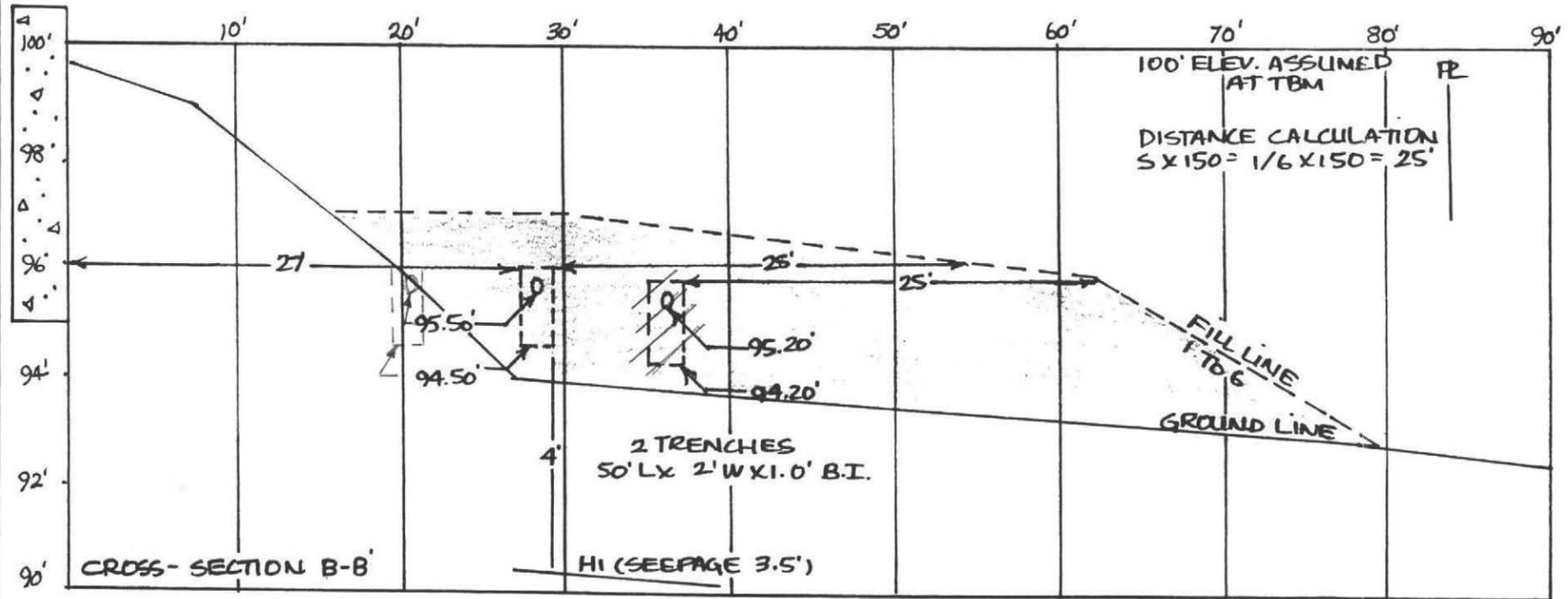
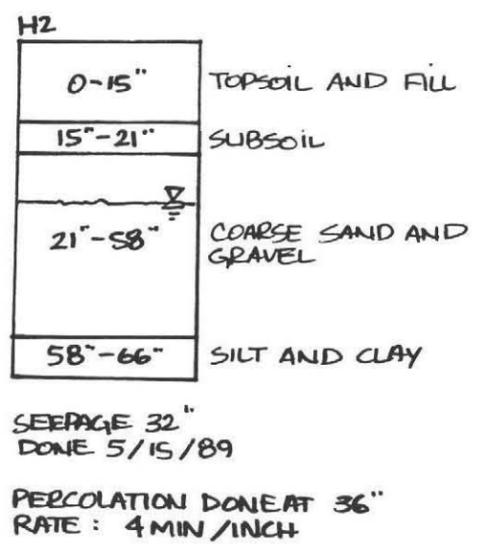
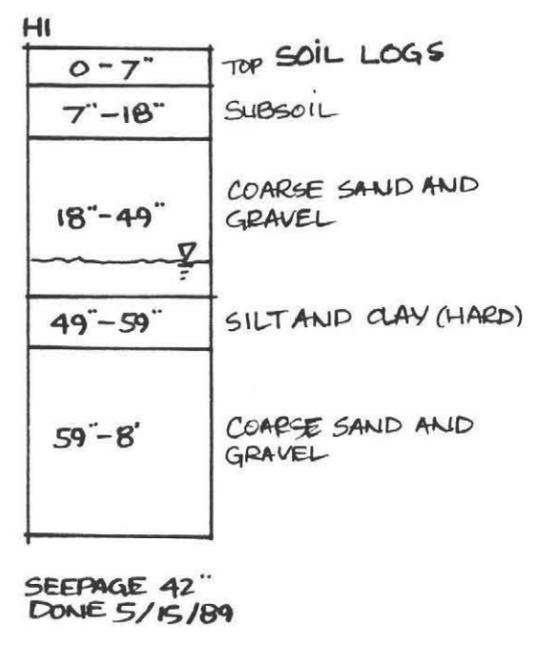
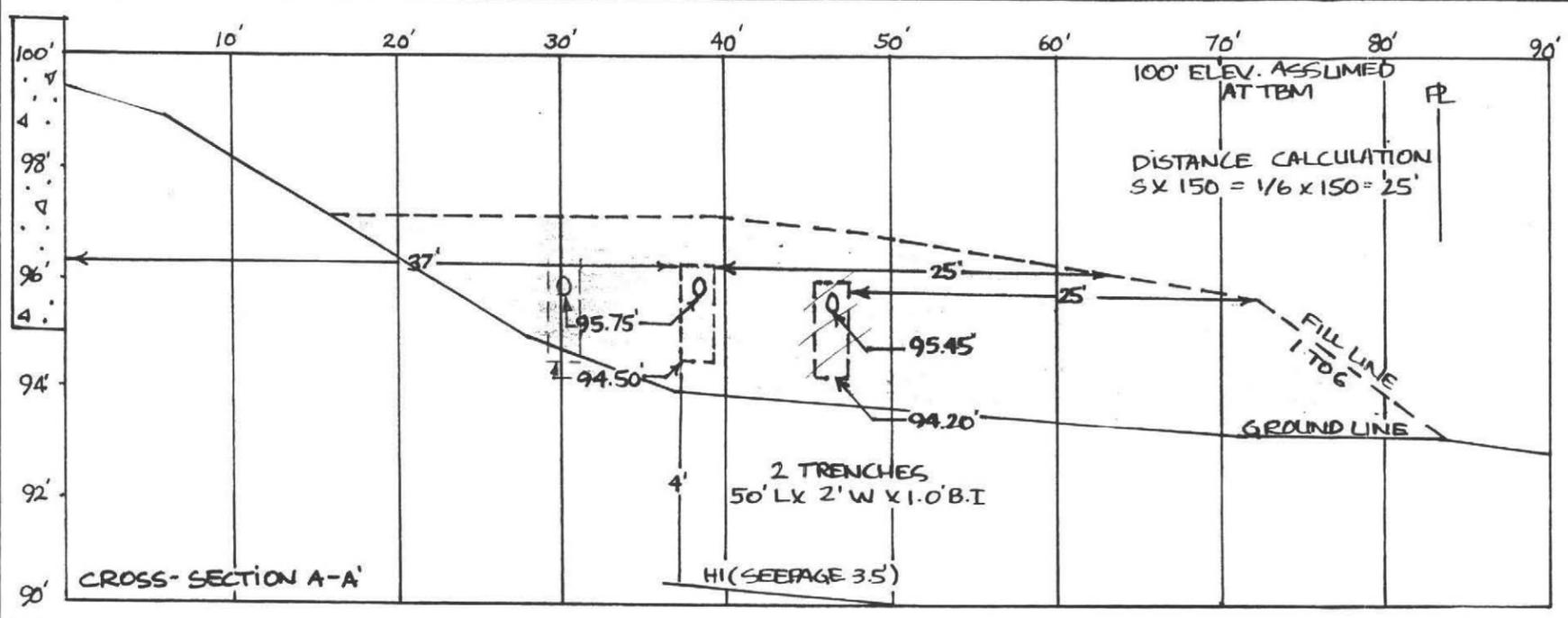
Very truly yours,



David Zarozinski
Sanitarian

cc: Ed Orwatt
Bettye Fredric
Board Members.





SPECIFICATIONS

ALL MATERIAL AND CONSTRUCTION MUST BE IN ACCORDANCE WITH COMMONWEALTH OF MA ENVIRONMENTAL CODE TITLE 5.



CROSS-SECTIONS OF SEWAGE DISPOSAL SYSTEM AND SOIL LOGS

CLIENT: EDWARD CRIMATT 71 GARLAND ST. CHICOPEE, MA 01020 DATE: 7/25/89

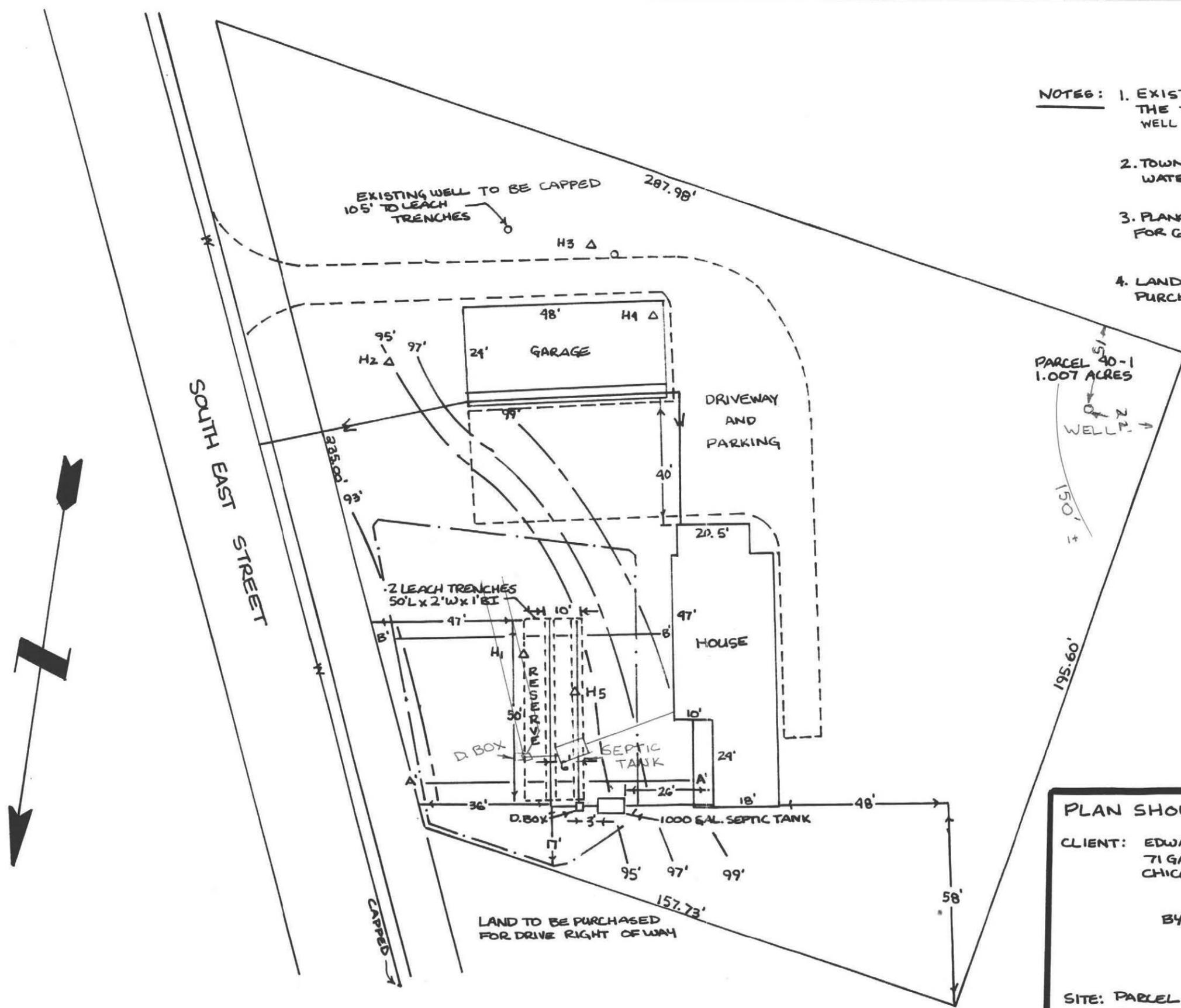
BY: FILIOS ENTERPRISES, INC. 69 PELHAM ROAD AMHERST, MA 01002 D. LABELLE

SITE: PARCEL 40-1 SOUTH EAST ST. AMHERST, MA

SCALE: HOR. 1" = 10'-00"
 VER. 1" = 3'-00"
 (3/3)

AUG 01 1991

- NOTES:**
1. EXISTING SHALLOW WELL DOES NOT MEET THE TOWN DISTANCE REQUIREMENTS. WELL TO BE CAPPED.
 2. TOWN WATER WILL BE USED FOR DRINKING WATER.
 3. PLANS DO NOT MEET THE TOWN REQUIREMENT FOR 6' ABOVE WATER. 4' HAD TO BE USED.
 4. LAND NORTH OF PARCEL 40-1 IS TO BE PURCHASED FOR THE DRIVEWAY.



PARCEL 40-1
1.007 ACRES
WELL 22'



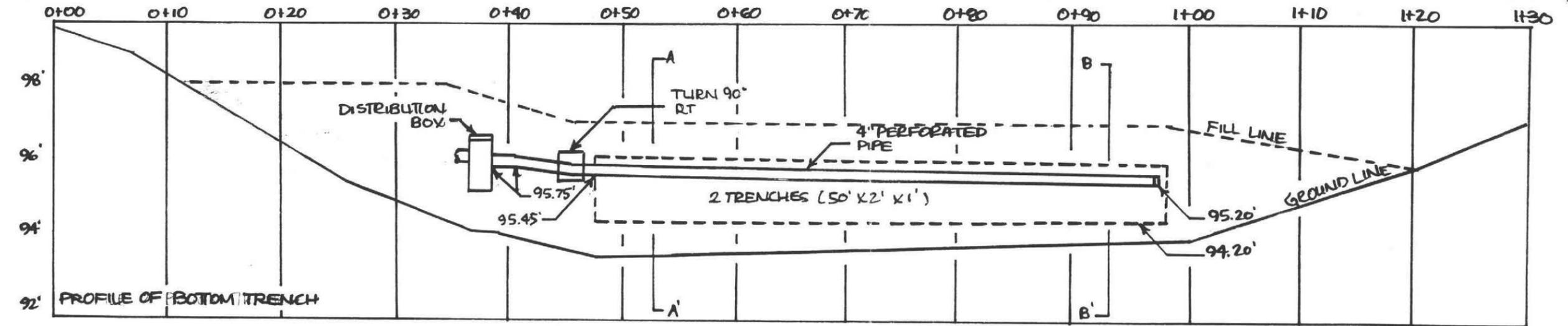
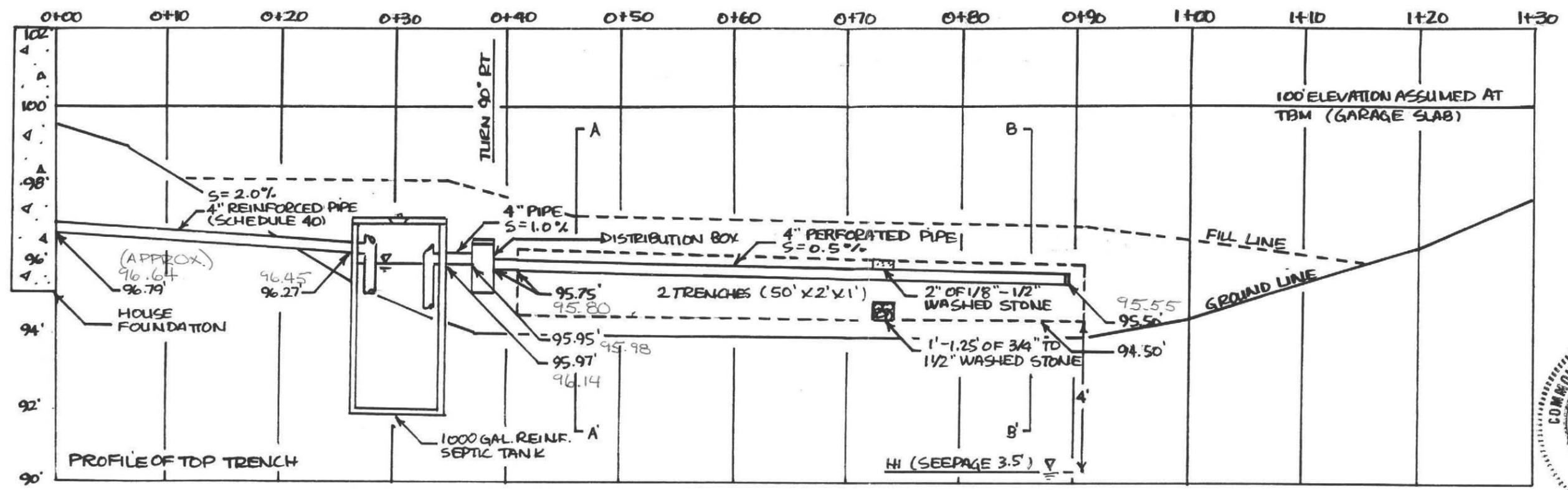
PLAN SHOWING SEWAGE DISPOSAL SYSTEM

CLIENT: EDWARD ORWATT DATE: 5/1/90
71 GARLAND ST.
CHICOPEE, MA 01020

BY: FILIOS ENTERPRISES, INC. D. LABELLE
69 PELHAM ROAD R.W.S.
AMHERST, MA 01002

SITE: PARCEL 40-1 SOUTH EAST ST. AMHERST, MA SCALE: 1" = 30'-00"





CALCULATIONS

4 BDRM x 55 GAL PER BDRM x 2 PER BDRM x 1.25 = 550 GAL.

SIDEWALL : 2.0 BOTTOM : 0.83

2 TRENCHES 50' L x 2' W x 1.0' B.I.

SIDES : 4 (50' x 1.0') x 2.00 = 400

BOTTOM : 2 (50' x 2.0') x 0.83 = 166

566 GALLONS

CONSTRUCTION NOTES

1. GARBAGE GRINDER MUST BE DISCONTINUED FOR THIS SYSTEM TO MEET REGULATIONS.
2. SCHEDULE 40 PIPE AND A REINFORCED TANK MUST BE USED WHERE INDICATED.
3. SEPTIC TANK SHOULD BE INSPECTED AND PUMPED ANNUALLY.
4. INLET AND OUTLET TEES MUST EXTEND 10" AND 14" BELOW FLOW LINE RESPECTIVELY.
5. PIPE EXITING D. BOX MUST REMAIN LEVEL FOR 2'.
6. TOPSOIL AND SUBSOIL MUST BE REMOVED TO A DISTANCE OF 25' AROUND SYSTEM WHERE FILL IS USED.

PROFILES OF SEWAGE DISPOSAL SYSTEM (2)

CLIENT : EDWARD ORWAT DATE : 7/25/89
 71 GARLAND ST.
 CHICOPEE, MA 01020

BY : FILIOS ENTERPRISES, INC. D. LA BELLE
 6A PELHAM ROAD
 AMHERST, MA 01002

SITE : PARCEL 40-1
 SOUTH EAST ST.
 AMHERST, MA

SCALE: HOR 1" = 10'-00"
 VER 1" = 3'-00"
 (2/3)

100 1 3 274

1792
SOUTHWEST

AUG 0 1 1991

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

Date: JULY 24, 1991

Name: EDWARD ORWATT
Address: 71 GARLAND ST.
CHICOPEE, MA. 01020

Dear MR. ORWATT,

This is to notify you that Filios Enterprises, Inc. has inspected the septic system installed

AT: PARCEL 40-1
SOUTH EAST ST.
AMHERST, MA. 01002

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

Exceptions:

- ① THE LAYOUT OF THE AS-BUILT SEPTIC SYSTEM VARIES FROM THAT OF THE DESIGN TO THE EXTENT SHOWN IN RED ON THE COPY OF THE PLANVIEW ENCLOSED.
- ② THE ELEVATIONS AND GRADES OF THE AS-BUILT SEPTIC SYSTEM VARY FROM THOSE OF THE 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

P 102 239 180

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED

NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <i>Frederick Fileis</i>	
Street and No. <i>169 Pelham Rd.</i>	
P.O., State and ZIP Code <i>Amherst</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date <i>Sent 4/30/90</i>	

STICK POSTAGE STAMPS TO ARTICLE TO COVER FIRST CLASS POSTAGE,
CERTIFIED MAIL FEE, AND CHARGES FOR ANY SELECTED OPTIONAL SERVICES. (see front)

1. If you want this receipt postmarked, stick the gummed stub to the right of the return address leaving the receipt attached and present the article at a post office service window or hand it to your rural carrier. (no extra charge)
2. If you do not want this receipt postmarked, stick the gummed stub to the right of the return address of the article, date, detach and retain the receipt, and mail the article.
3. If you want a return receipt, write the certified mail number and your name and address on a return receipt card, Form 3811, and attach it to the front of the article by means of the gummed ends if space permits. Otherwise, affix to back of article. Endorse front of article **RETURN RECEIPT REQUESTED** adjacent to the number.
4. If you want delivery restricted to the addressee, or to an authorized agent of the addressee, endorse **RESTRICTED DELIVERY** on the front of the article.
5. Enter fees for the services requested in the appropriate spaces on the front of this receipt. If return receipt is requested, check the applicable blocks in item 1 of Form 3811.
6. Save this receipt and present it if you make inquiry.

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS



MAY 2 1990

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE
USE, \$300

RETURN
TO



Print Sender's name, address, and ZIP Code in the space below.

AMHERST HEALTH DEPARTMENT
BANGS COMMUNITY CENTER
70 BOLTWOOD WALK
AMHERST, MA 01002

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to:

Mr. Frederick Filios
69 Pelham Road
Amherst, MA 01002

4. Article Number
P102239180

Type of Service:
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X *Norma Filios*

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent
X *ESTO*

7. Date of Delivery
5/1/90

Town of



AMHERST

Massachusetts

#1793 SE

Bettye Anderson Frederic, Director

AMHERST HEALTH DEPARTMENT
70 BOLTWOOD WALK
AMHERST, MA 01002-2128
(413) 256-4077

April 30, 1990

Mr. Frederick Filios
69 Pelham Road
Amherst, MA 01002

Dear Mr. Filios:

On Thursday April 26, 1990, I received revised copies of a septic system design for Mr. Edward L. Orwat's home on South East street in Amherst, MA.

This plan was to have been accompanied by a check made out for \$30.00 to the Town of Amherst to pay for the review.

Also, there are some problems with this revised design:

o The existing well is 105 feet from the leaching area. The Town requires a minimum distance of 150 feet. If this well is to be capped, it must state so on the plan.

o The driveway is on the neighboring property and it is my understanding that the land will not be purchased. If this is correct, will the new location of the driveway be over or near the septic system?

Once the requirements of D.E.P. and Town of Amherst regulations are completed and I have received a check for \$60.00, I will review the new plan.

If you have any questions on this matter please feel free to call me.

Yours Truly,

David Zarozinski
Sanitarian

cc: Mr. Edward L. Orwat
c/o Garland Construction Corp.
71 Garland Street
Chicopee, MA 01020

P 102 239 180

(SEC2: dzletter /pri)

ED ORWAT PAID 60⁰⁰ MAY 5, 90

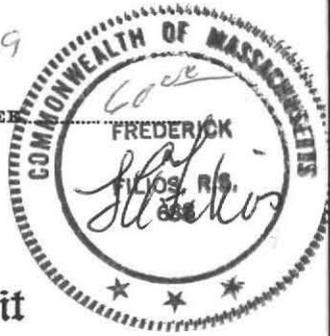
No. 89-15

OCT 3 - 1989

Pd. 6000
MAY 5, 1990
FOR (2) REDESIGN
ED ORWAT

OK 5829

ADD WATER
LINES
APR 26 1990



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:

SOUTH EAST ST. PARCEL 40-1
Location - Address or Lot No.
EDWARD ORWAT 533-7699 71 GARLAND ST. CHICOPEE, MA
Owner Address
C + J ESK
Installer Address

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

Design Flow 55 gallons per person per day. Total daily flow 440 x 1.25 = 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 100' Total leaching area 200 sq. ft. SIDES
Seepage Pit No. — Diameter — Depth below inlet 1.0' Total leaching area 200 sq. ft. BOTTOM

Other Distribution box (✓) Dosing tank ()
Percolation Test Results Performed by FILIOS ENTERPRISES, INC. Date 12/5/84 AND 5/15/84
Test Pit No. 1 4 minutes per inch 42" Depth of Test Pit 8' Depth to ground water 42"
Test Pit No. 2 — minutes per inch 32" Depth of Test Pit 66" Depth to ground water 32"
H3 Depth 7 1/2' GW 4'
H4 Depth 7' GW 5 1/2'

Description of Soil SEE ATTACHED SHEET
(CROSS-SECTION AND SOIL LOG P.4)
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 [Signature] Date 9/27/89

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

Permit No. 89-15 Issued 9/27/90 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 C + J Enterprises Installer
at 1793 South East
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. 89-15 dated 9/27/90

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

Disposal Works Construction Permit

Permission is hereby granted EDWARD ORWAT
to Construct (✓) or Repair () an Individual Sewage Disposal System
at No. 1793 South East
as shown on the application for Disposal Works Construction Permit No. 89-15 Dated 9/27/90

DATE 9/27/90
[Signature]
Board of Health

CHECK OR FILL IN WHERE APPLICABLE

TOWN

EDWARD OSWALD
SOUTH EAST ST

WATER MAIN

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

1100

SEE WATER MAIN SHEET
(CROSS SECTION AND SEE FIG. 1)

TOWN

WATER MAIN

TOWN

EDWARD OSWALD

1100

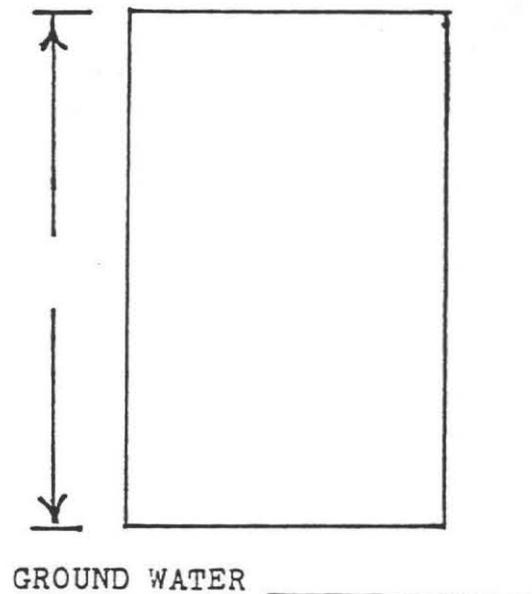
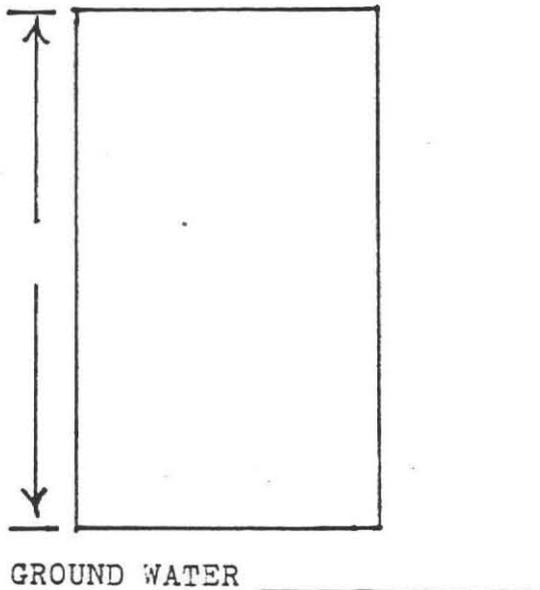
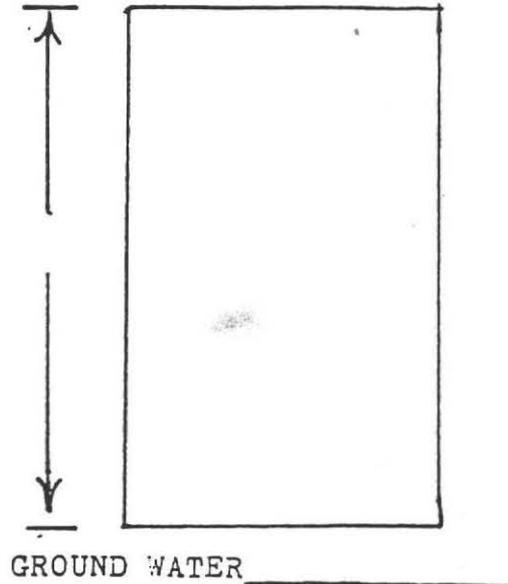
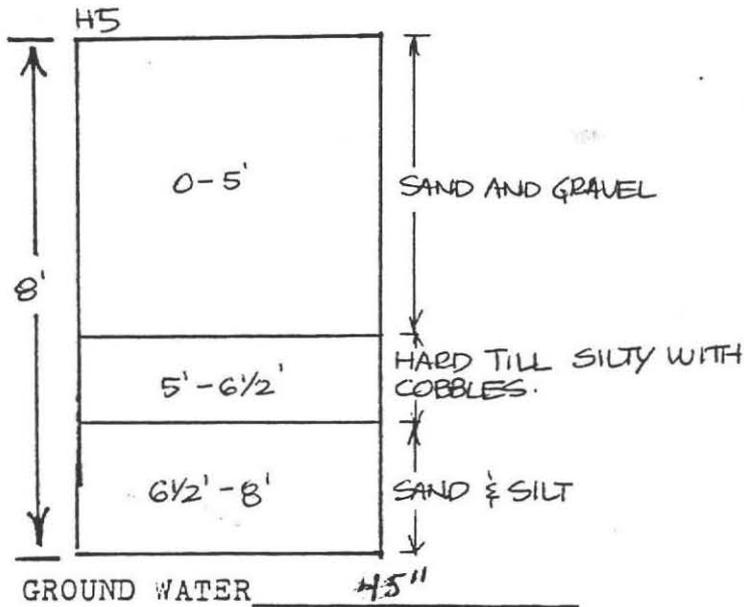
DEEP SOIL LOGS

OWNER EDWARD CRUATT

DATE AUGUST 25, 1989

LOCATION PARCEL 40-1
SOUTH EAST STREET
AMHERST, MA

OBSERVER Filios Enterprises, Inc.
B.of H. DAVID ZAROZINSKI

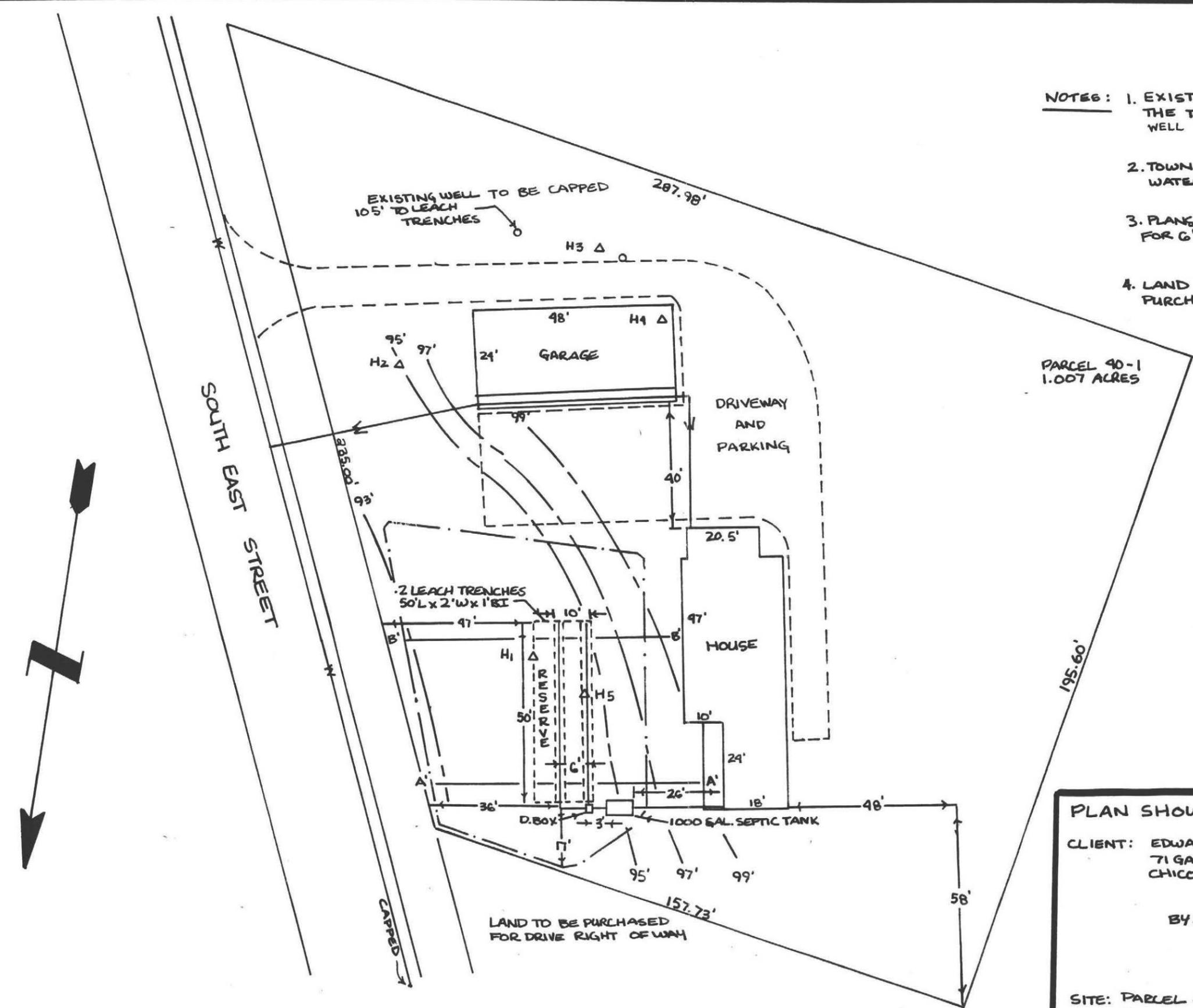


PERCOLATION RATE AT _____ :
_____ min./inch



MAY 15 2000 Pd 60.00 2 Redes 72

- NOTES:**
1. EXISTING SHALLOW WELL DOES NOT MEET THE TOWN DISTANCE REQUIREMENTS. WELL TO BE CAPPED.
 2. TOWN WATER WILL BE USED FOR DRINKING WATER.
 3. PLANS DO NOT MEET THE TOWN REQUIREMENT FOR 6' ABOVE WATER 4' HAD TO BE USED.
 4. LAND NORTH OF PARCEL 40-1 IS TO BE PURCHASED FOR THE DRIVEWAY.



PLAN SHOWING SEWAGE DISPOSAL SYSTEM

CLIENT: EDWARD ORWATT DATE: 5/1/90
71 GARLAND ST.
CHICOPEE, MA 01020

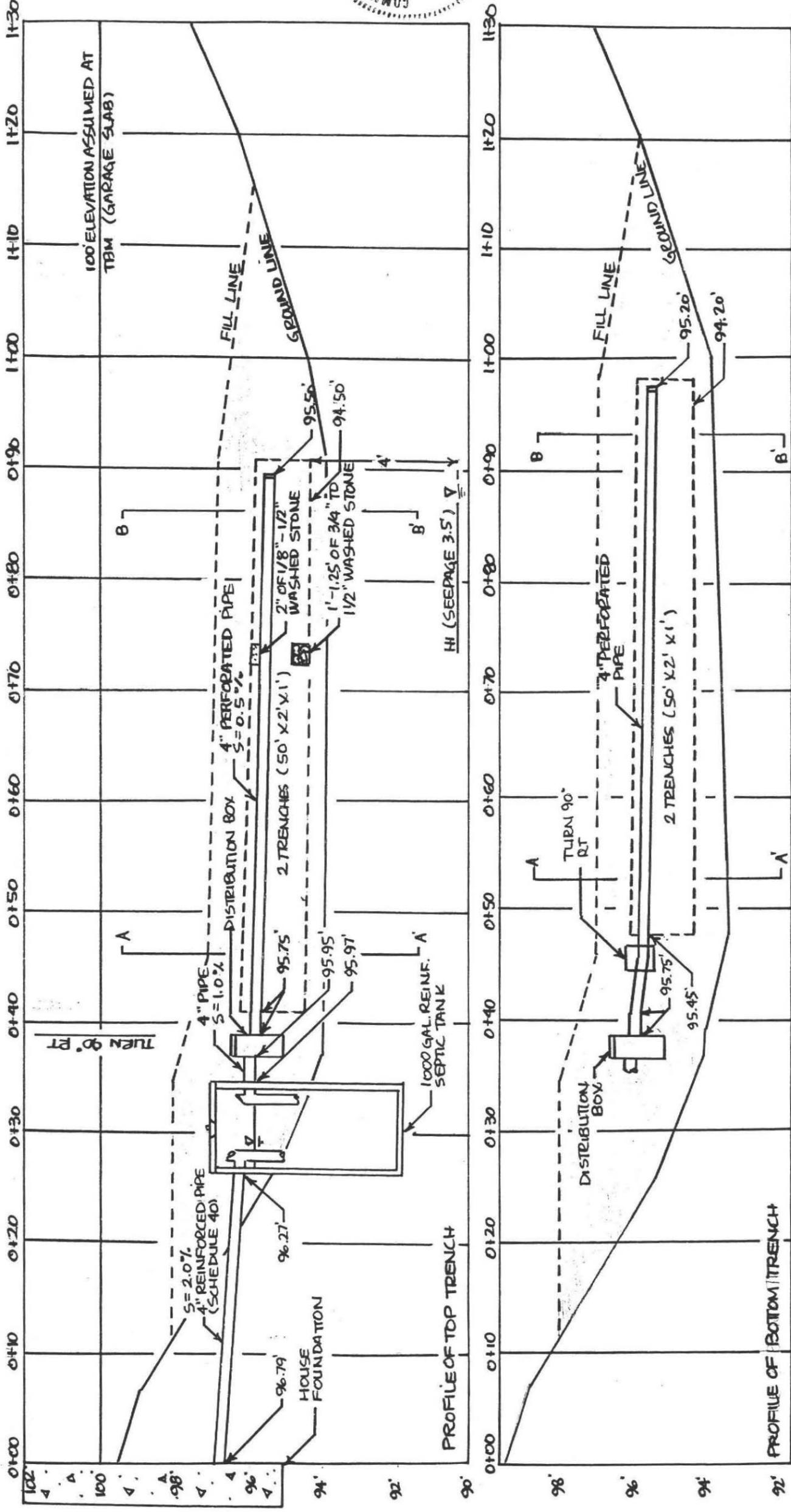
BY: FILIOS ENTERPRISES, INC. D. LABELLE
69 PELHAM ROAD R.W.S.
AMHERST, MA 01002

SITE: PARCEL 40-1
SOUTH EAST ST.
AMHERST, MA

SCALE: 1" = 30'-00"

1000

1000



- CONSTRUCTION NOTES**
- GARBAGE GRINDER MUST BE DISCONTINUED FOR THIS SYSTEM TO MEET REGULATIONS.
 - SCHEDULE 40 PIPE AND A REINFORCED TANK MUST BE USED WHERE INDICATED.
 - SEPTIC TANK SHOULD BE INSPECTED AND PUMPED ANNUALLY.
 - INLET AND OUTLET TEES MUST EXTEND 10" AND 14" BELOW FLOW LINE RESPECTIVELY.
 - PIPE EXITING D.BOX MUST REMAIN LEVEL FOR 2'.
 - TOPSOIL AND SUBSOIL MUST BE REMOVED TO A DISTANCE OF 25' AROUND SYSTEM WHERE FILL IS USED.

CALCULATIONS

4 BDRM x 55 GAL x 2 PER x 1.25 = 550 GAL.
 PER BDRM

SIDEWALL : 2.0 BOTTOM : 0.83

2 TRENCHES : 50'L x 2'W x 1.0' B.I.

SIDES : 4 (50' x 1.0') x 2.00 = 400

BOTTOM : 2 (50' x 2.0') x 0.83 = 166

566 GALLONS

PROFILES OF SEWAGE DISPOSAL SYSTEM (2)

CLIENT : EDWARD ORWAT
 71 GARLAND ST.
 CHICOPEE, MA 01020

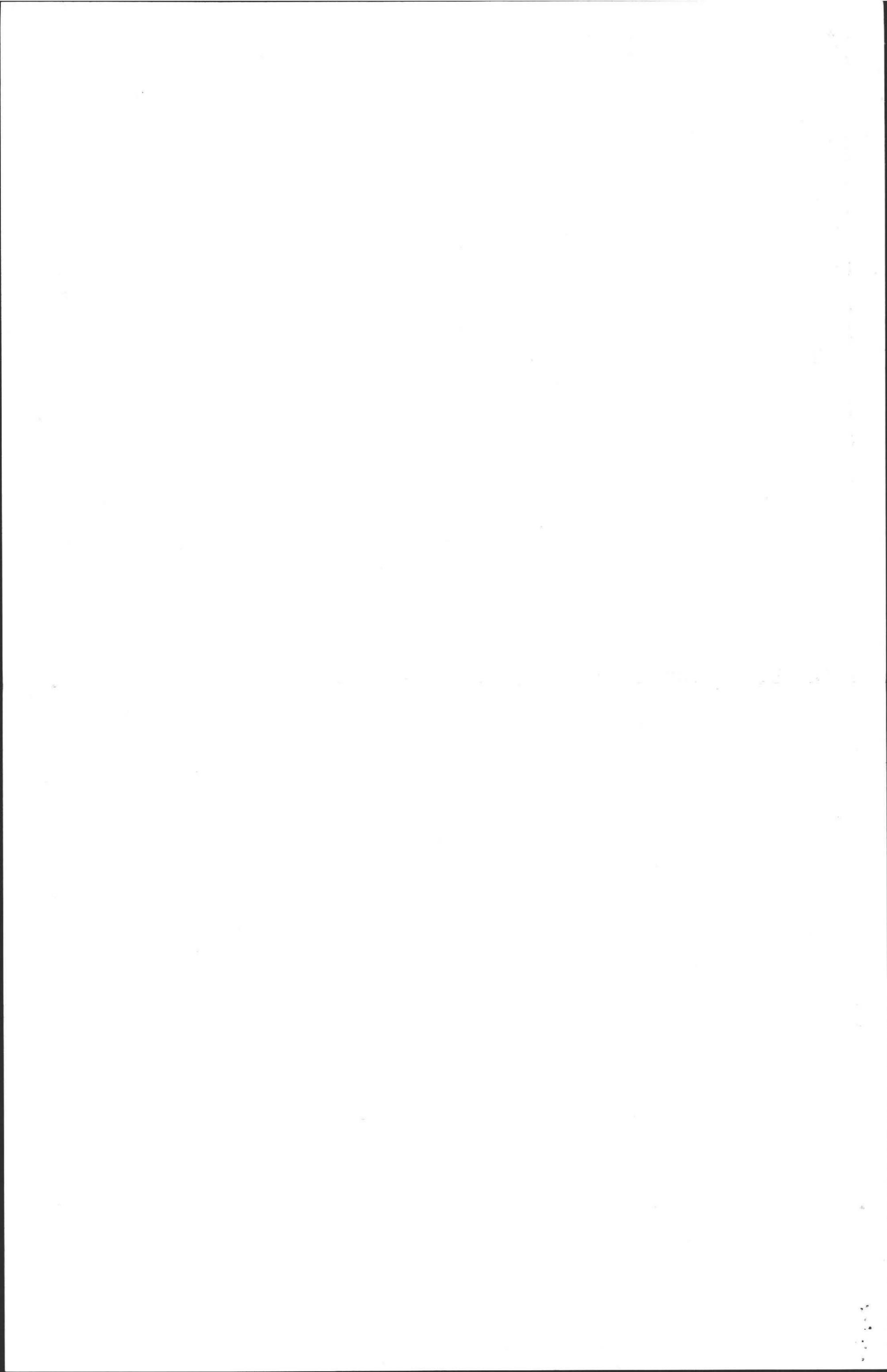
DATE : 7/25/89

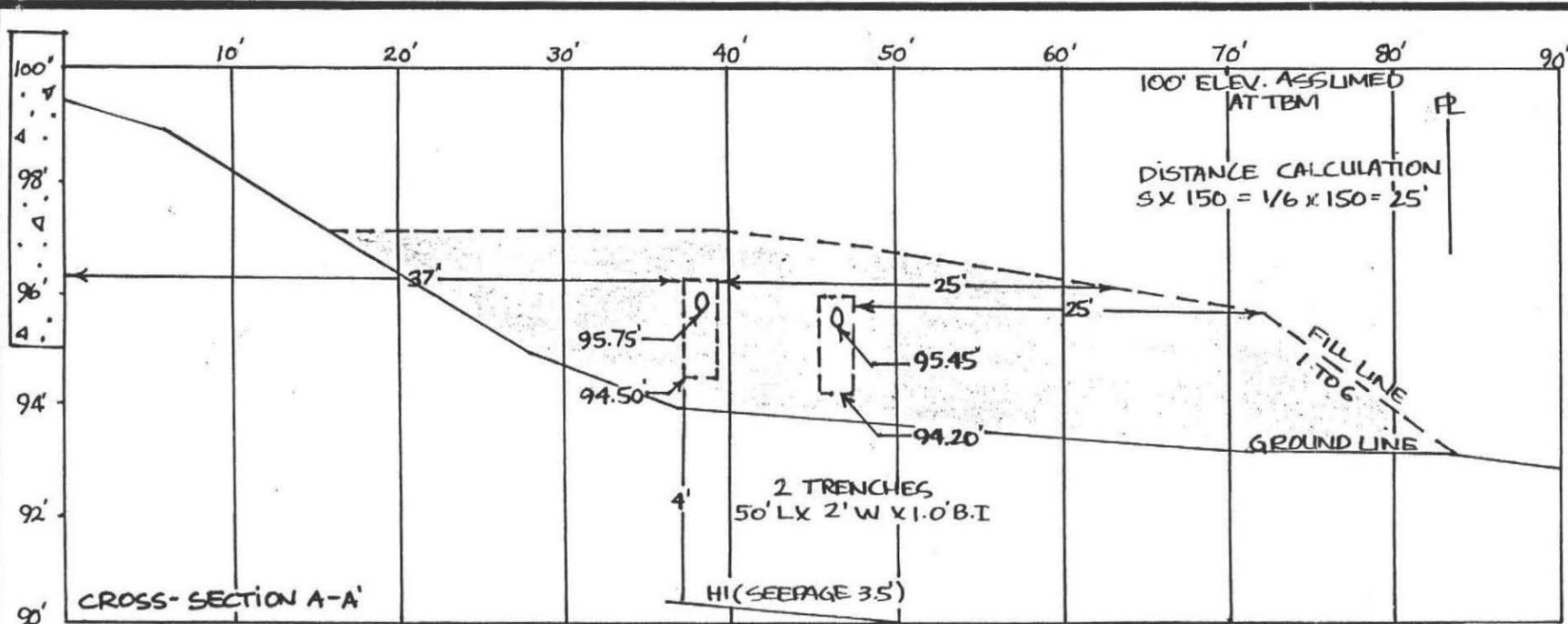
BY : FILIOS ENTERPRISES, INC.
 69 PELHAM ROAD
 AMHERST, MA 01002

P. LA BELLE

SITE : PARCEL 40-1
 SOUTH EAST ST.
 AMHERST, MA

SCALE: HOR 1" = 10'-00"
 VER 1" = 3'-00"
 (2/3)





H1

0-7"	TOP SOIL LOGS
7-18"	SUBSOIL
18-49"	COARSE SAND AND GRAVEL
49-59"	SILT AND CLAY (HARD)
59-8'	COARSE SAND AND GRAVEL

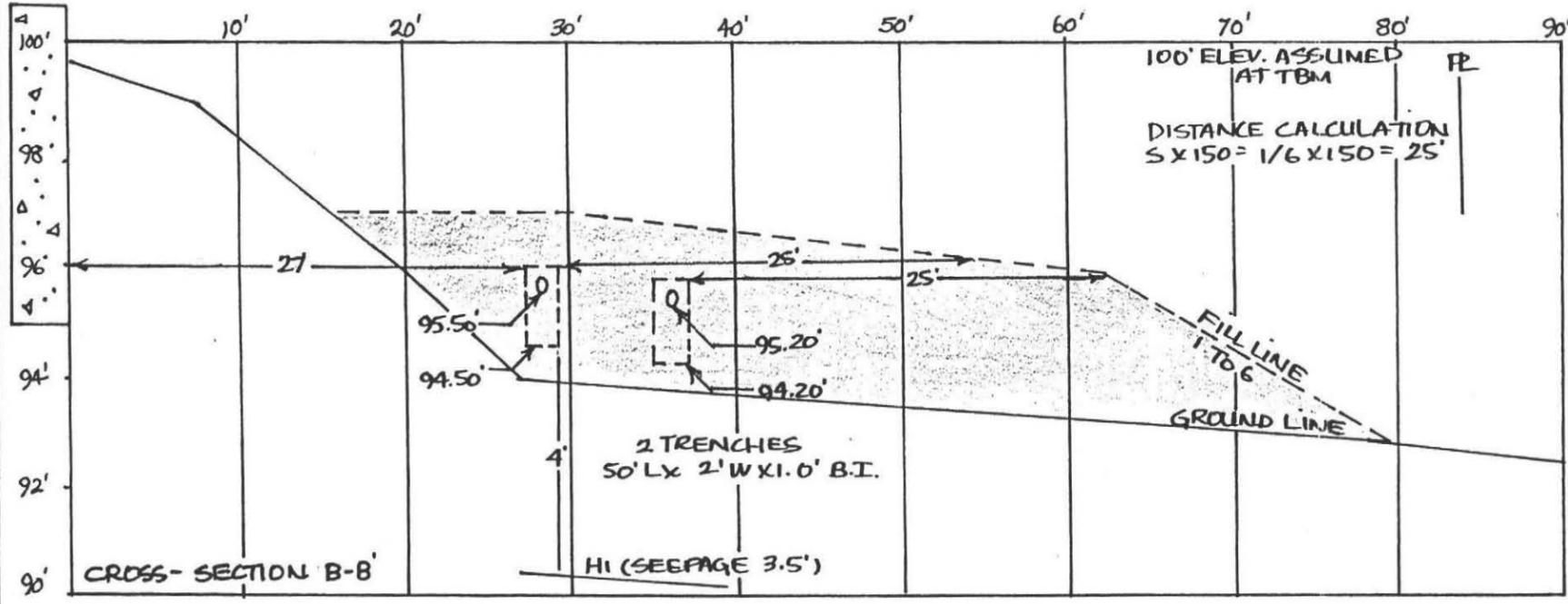
SEEPAGE 42"
 DONE 5/15/89

H2

0-15"	TOPSOIL AND FILL
15-21"	SUBSOIL
21-58"	COARSE SAND AND GRAVEL
58-66"	SILT AND CLAY

SEEPAGE 32"
 DONE 5/15/89

PERCOLATION DONE AT 36"
 RATE: 4 MIN/INCH



H3

0-12"	TOPSOIL
12-27"	SUBSOIL (SANDY)
27-50"	SAND AND GRAVEL WITH ORGANIC STRATAS (THIN)
50-7 1/2'	SANDY WITH SILT AND CLAY

SEEPAGE 4"
 DONE 12/5/84

H4

0-12"	TOPSOIL
12-27"	SUBSOIL - FINE SAND
27-7'	SAND WITH GRAVEL

SEEPAGE 5 1/2"
 DONE 12/5/84

SPECIFICATIONS

ALL MATERIAL AND CONSTRUCTION MUST BE IN ACCORDANCE WITH COMMONWEALTH OF MA ENVIRONMENTAL CODE TITLE 5.



CROSS-SECTIONS OF SEWAGE DISPOSAL SYSTEM AND SOIL LOGS

CLIENT: EDWARD CRIMAT
 71 GARLAND ST.
 CHICOPEE, MA 01020

DATE: 7/25/89

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

D. LABELLE

SITE: PARCEL 40-1
 SOUTH EAST ST.
 AMHERST, MA

SCALE: HORIZ. 1" = 10'-00"
 VERT. 1" = 3'-00"
 (3/3)

~~OCT 8 - 1989~~

GARLAND CONSTRUCTION CORPORATION

71 GARLAND STREET

CHICOPEE, MASSACHUSETTS 01020

July 5, 1990

Town of Amherst
Amherst Health Department
70 Boltwood Walk
Amherst, MA 01002-2128

ATT: David Zarozinski

RE: Variance of Amherst Title V Regulations for 1793 South East Street, Amherst, MA 01002

Dear Mr. Zarozinski,

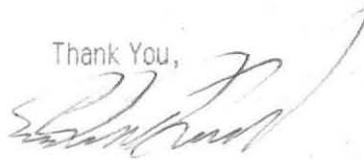
As per your instructions I wish to request a variance to the Town of Amherst Regulations, Specifically Title V Amendments section 3-15.03(6), which refers to the required subsurface depth of 6 feet at sewage disposal system sites. The Town requires having a 6 foot sub-surface depth of pervious soil beneath the septic tank and leaching areas.

As you are aware, I would like to relocate the approved septic site from behind the garage to the front yard area. At this location I do not meet the Town of Amherst minimum requirements. On the other hand, I do meet the **State Title V requirement** of 4 Feet of sub-surface pervious soil below leaching areas.

The engineering firm that I have hired to design the septic system, Filos Enterprises of Amherst, has concluded that this new location, even though it doesn't meet the Town of Amherst Title V minimum standards, would pose not environmental damage to any surrounding properties.

On your approval, I have composed an explanation letter that I will send by certified mail to the abutters notifying them of my request for a variance, as well as the date of the Board of Health review. If more information is required please let me know.

Thank You,



Edward L. Orwat

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

FOR THE YEAR 1881

AS FAR AS THE LANDS BELONGING TO THE CROWN ARE CONCERNED