

#346

P6 11/19/93  
60 <sup>00</sup> <sub>ck #156</sub>

No. 93-17

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:

346 Station Rd #4  
Stephen Katigbak (413) 256-4607 86 Gray St, Amherst MA 01002  
Owner Address  
Installer Address

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

Design Flow 55 x 1.25 safety factor gallons per person per day. Total daily flow 412.5 gallons.  
Septic Tank — Liquid capacity 1000 gallons Length 8.5' Width 5.0' Diameter Depth 5.3'  
Disposal Trench — No. Width Total Length Total leaching area 175 sq. ft. Bottom  
Seepage Pit No. 1 Diameter 25.0' x 7.0' Depth below inlet 2.5' Total leaching area 160 sq. ft. Sidewall

Percolation Test Results Performed by Filios Enterprises, Inc Date March 4, 1993  
Test Pit No. 1 2 minutes per inch Depth of Test Pit 1.3' Depth to ground water None  
Test Pit No. 2 minutes per inch Depth of Test Pit 1.3' Depth to ground water None

Description of Soil Attached

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 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 [Signature] Date 11/19/93  
Application Approved By [Signature] Date 11/19/93

Application Disapproved for the following reasons:

Permit No. 93-17 Issued Date

[Signature] 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 [Signature] Installer

at Lot #4, Station 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. 93-17 dated

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

DATE 12/21/93 Inspector [Signature]

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

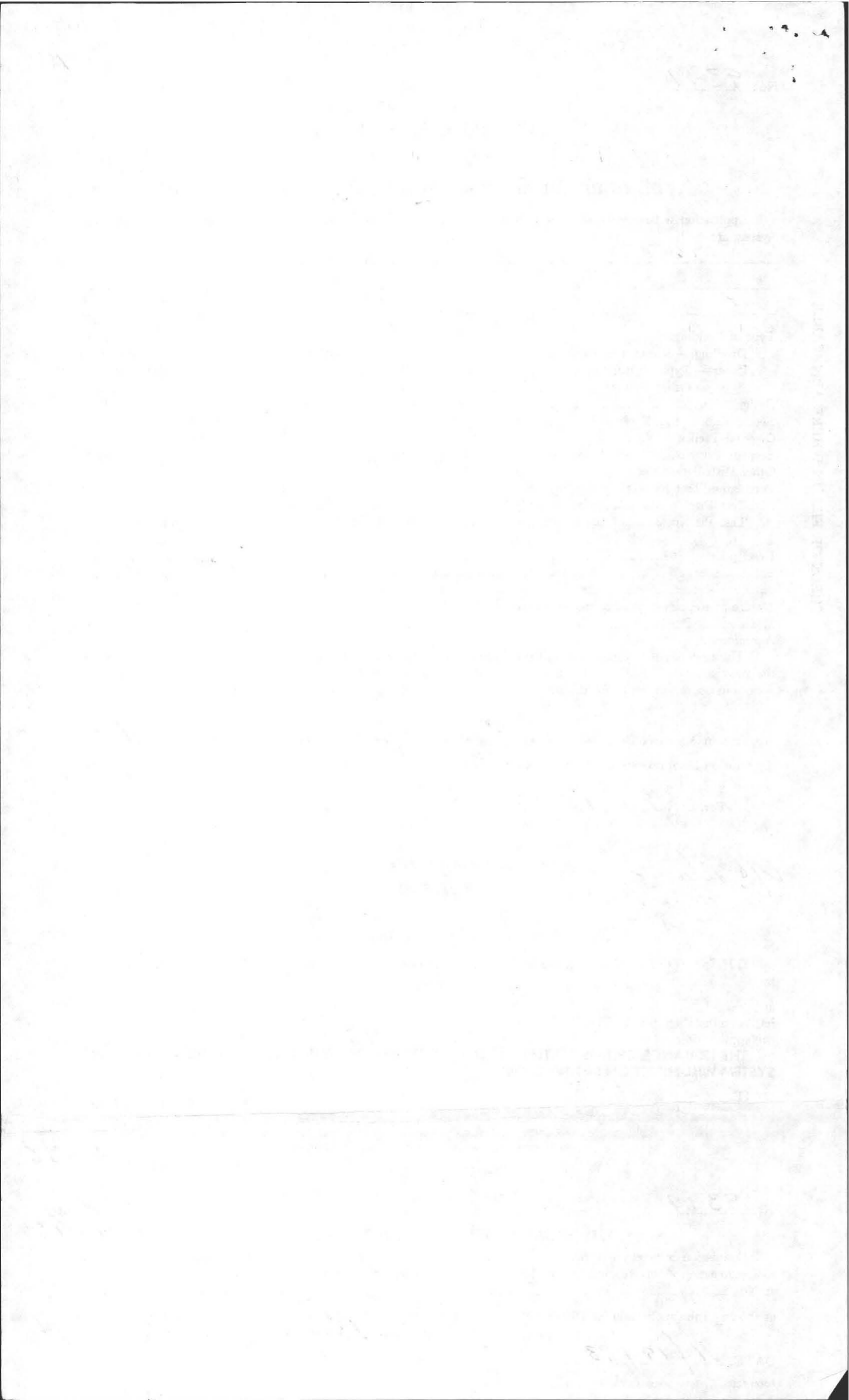
No. 93-17 Town OF Amherst

Disposal Works Construction Permit

Permission is hereby granted Stephen Katigbak to Construct (✓) or Repair ( ) an Individual Sewage Disposal System at No. Lot #4, Station Rd.

as shown on the application for Disposal Works Construction Permit No. 93-17 Dated [Signature] Board of Health  
DATE 11/19/93

CHECK OR FILL IN WHERE APPLICABLE



TOWN OF AMHERST

PERC TEST DATA SHEET

DATE 3/4/93 LOCATION Station Road LOT SIZE \_\_\_\_\_

OWNER Robert Rivard ADDRESS 34 Tamarack Drive TELE # 253-3316

P.E./RS Fred Filios FIRM Filios Ent OBSERVED BY David Zambelli

BACK HOE OPERATOR Harold's BENCH MARK \_\_\_\_\_

PERC DEPTH 44" PRE SOAK TIME \_\_\_\_\_ PERC DEPTH 68" PRE SOAK TIME \_\_\_\_\_

TEST 12" 12:57<sup>45</sup> \_\_\_\_\_ 12" 1:36 \_\_\_\_\_

9" 12:58<sup>20</sup> \_\_\_\_\_ 9" 1:36<sup>45</sup> \_\_\_\_\_

6" 12:59<sup>20</sup> \_\_\_\_\_ 6" 1:38 \_\_\_\_\_

RATE \_\_\_\_\_ RATE \_\_\_\_\_

#1

#2

#4

TOP 5"
SUB 21"
course sand 70"
course sand - gravel

TOP 5"
SUB 21"
course sand

LOCATION OF TEST TO  
 be Done by Harold Eaton  
 and Assoc. Land Surveyors

Day 13'

Day 13'

TOP
SUB

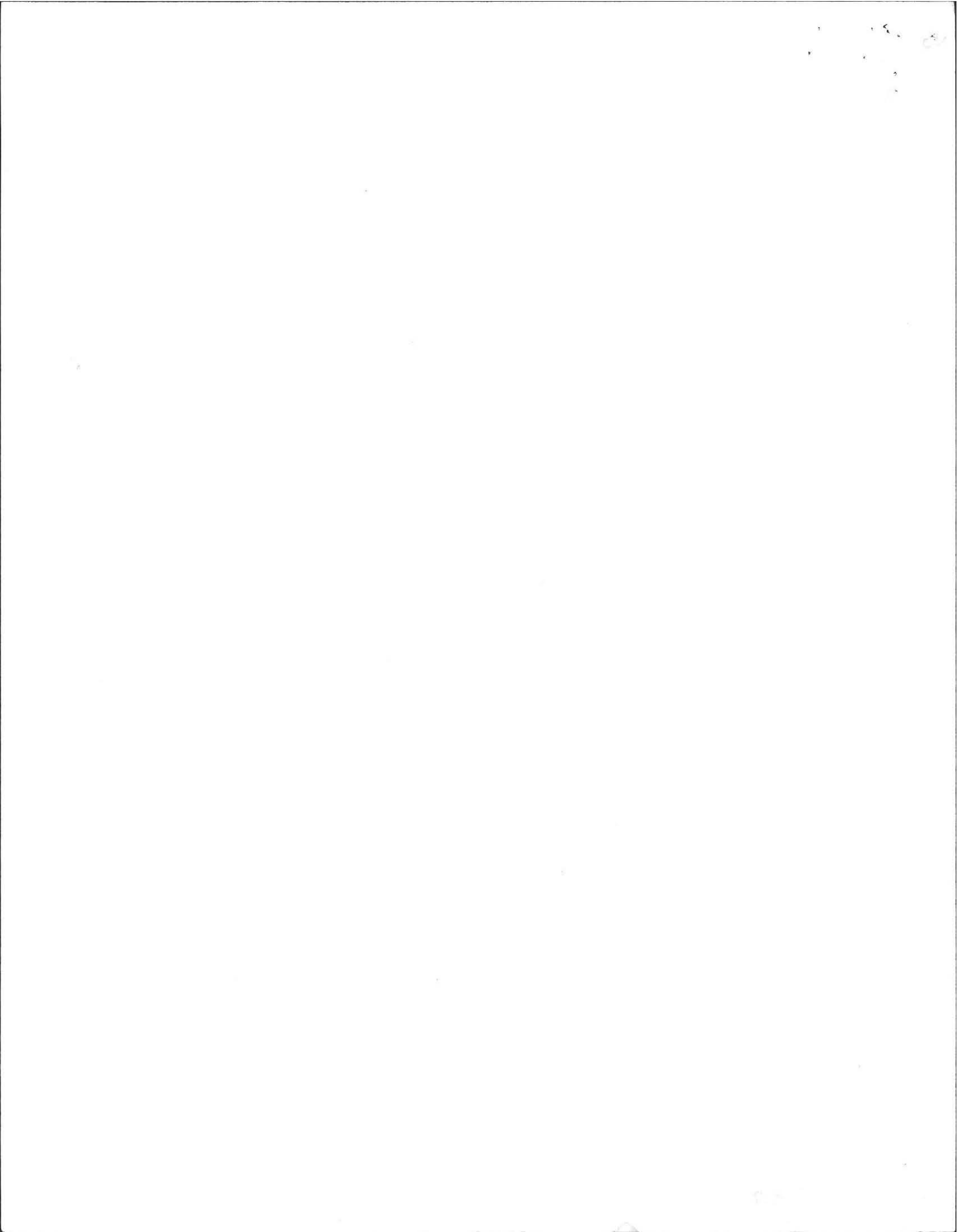
TOP
SUB

#3

TOP 5"
SUB 18"
course sand

TOP
SUB

3/22/93 Dug 1 EXTRA hole  
Due to Lot Line





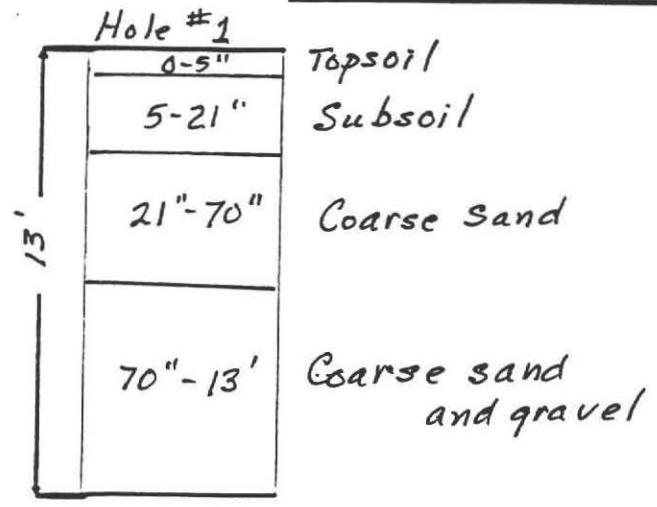
# Deep Soil Logs

## Filios Enterprises, Inc.

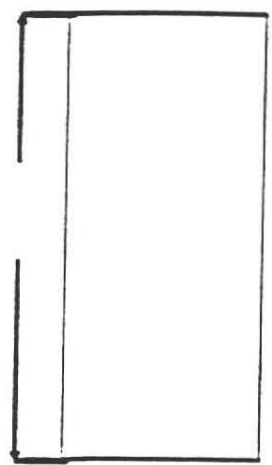
69 Pelham Rd., Amherst MA 01002. (413) 256-8008

Owner: Robert Rivard  
Location: Station Road  
Amherst Mass.  
Lot # 4

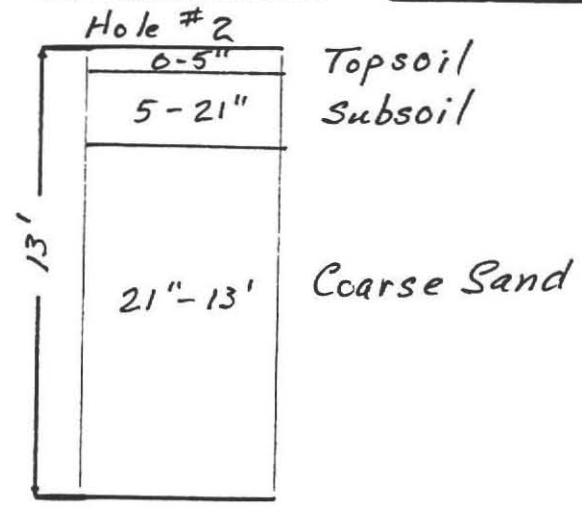
Date: Mar. 4, 1993  
B. of H. David Zarozinski



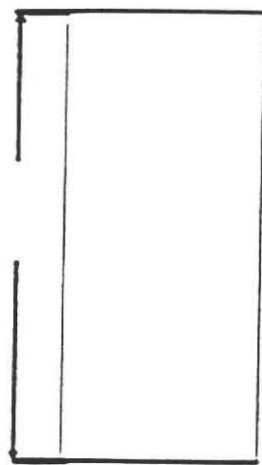
Ground Water none



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



Ground Water none



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

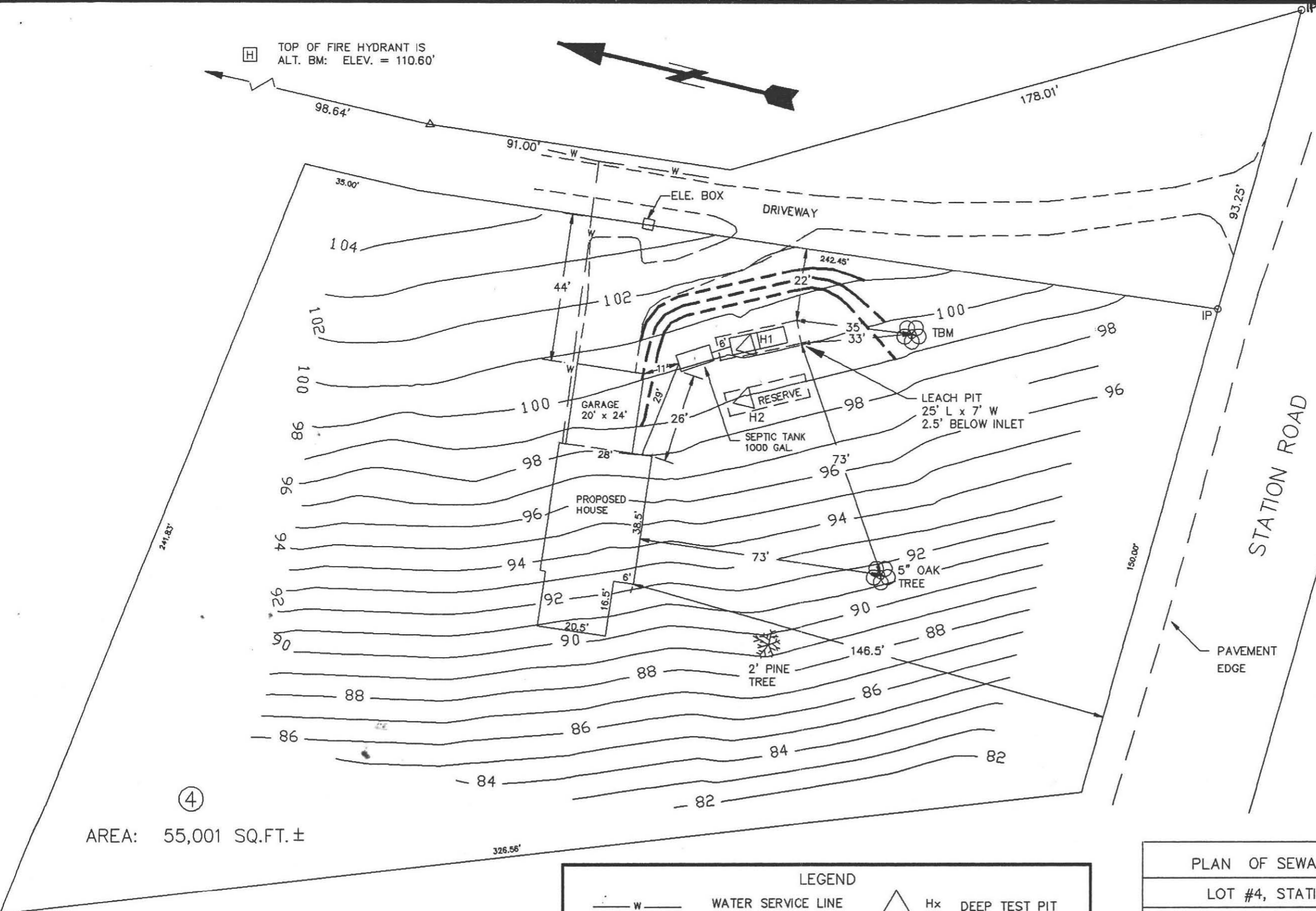
Percolation Rate at: 44"  
< 2 min./inch

at: 68" < 2 min./inch

1000

1000

[H] TOP OF FIRE HYDRANT IS  
ALT. BM: ELEV. = 110.60'



IDUNA LANE

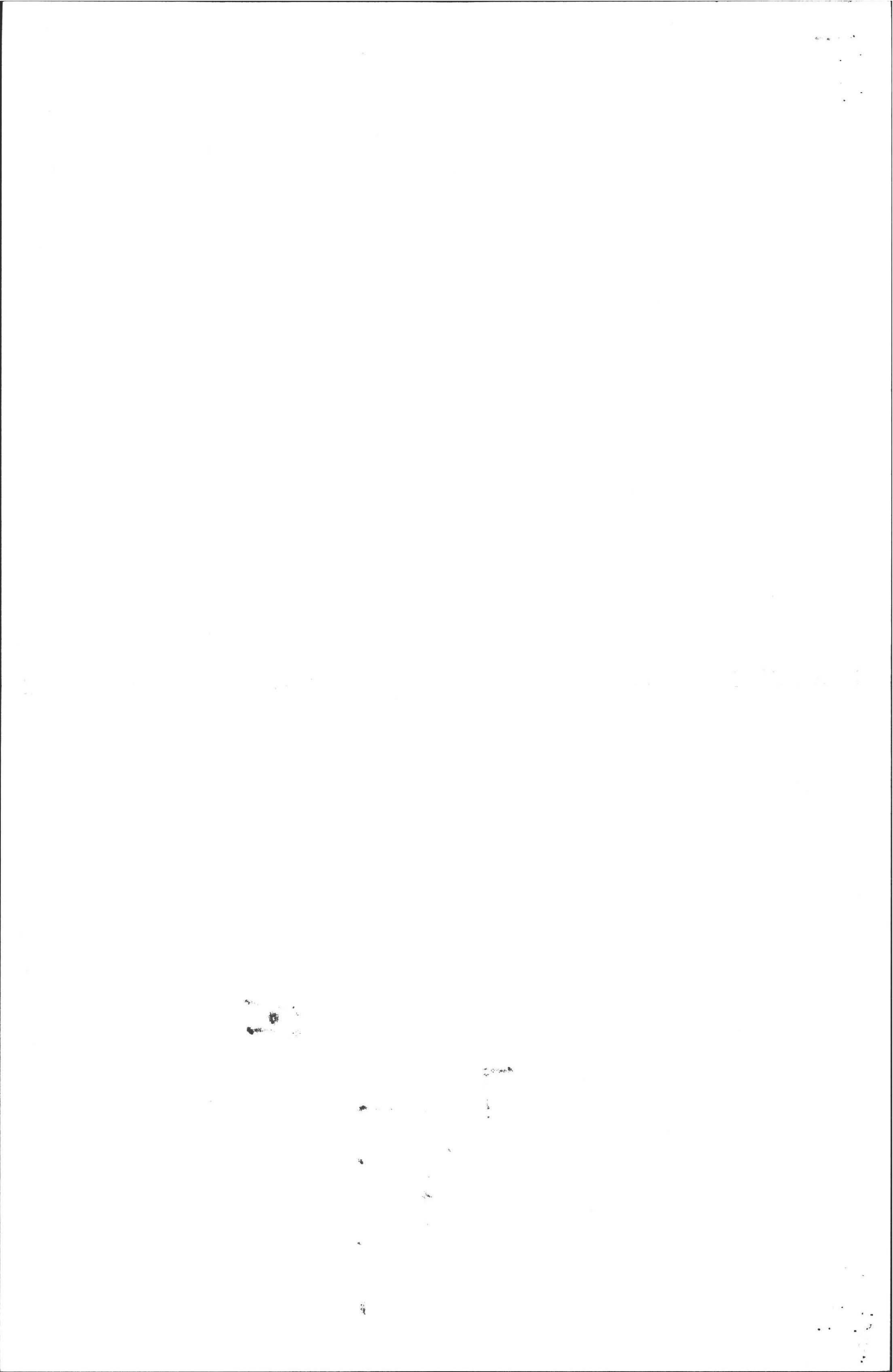
STATION ROAD



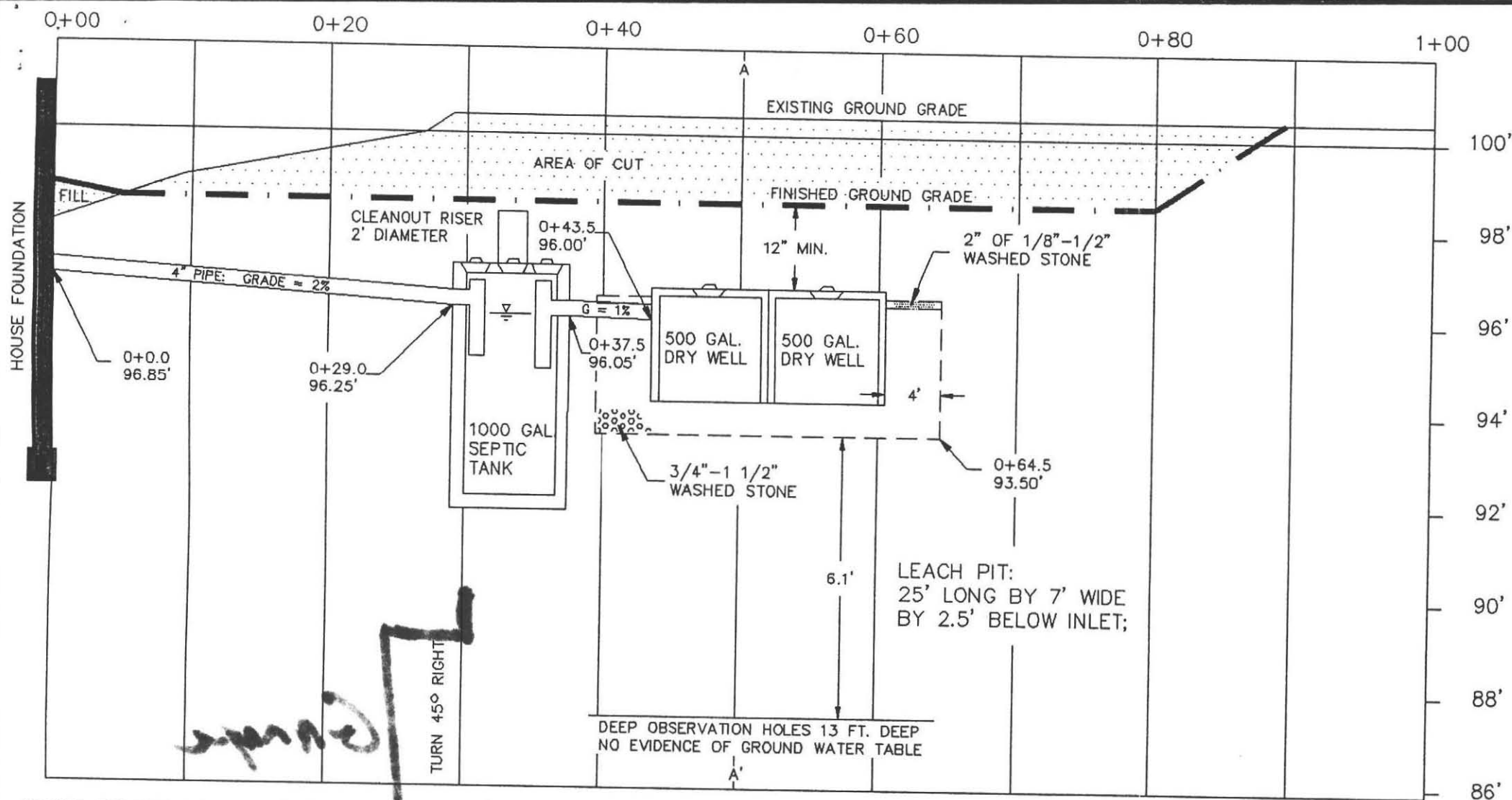
- NOTES:
1. TBM IS NAIL IN BASE OF TREE.
  2. AREA IS SERVED BY PUBLIC WATER SUPPLY; NO WELLS WITHIN 200 FT. OF LEACH AREA AT TIME OF SURVEY.

LEGEND			
— W —	WATER SERVICE LINE	△ Hx	DEEP TEST PIT
- - - - -	PROPOSED CONTOUR 1' INTERVAL	☎	CONIFEROUS TREE
— XX —	EXISTING CONTOUR 1' INTERVAL	⊗	DECIDUOUS TREE

PLAN OF SEWAGE DISPOSAL SYSTEM	
LOT #4, STATION ROAD, AMHERST, MA	
BY: FILIOS ENTERPRISES, INC. 69 PELHAM RD. AMHERST MA 01002 (413)256-8008	FOR: STEPHEN KATIGBAK 86 GRAY STREET AMHERST, MA 01002
ROBERT STOVER NOVEMBER 18, 1993	SCALE: 1" = 30'00" PAGE ONE OF TWO





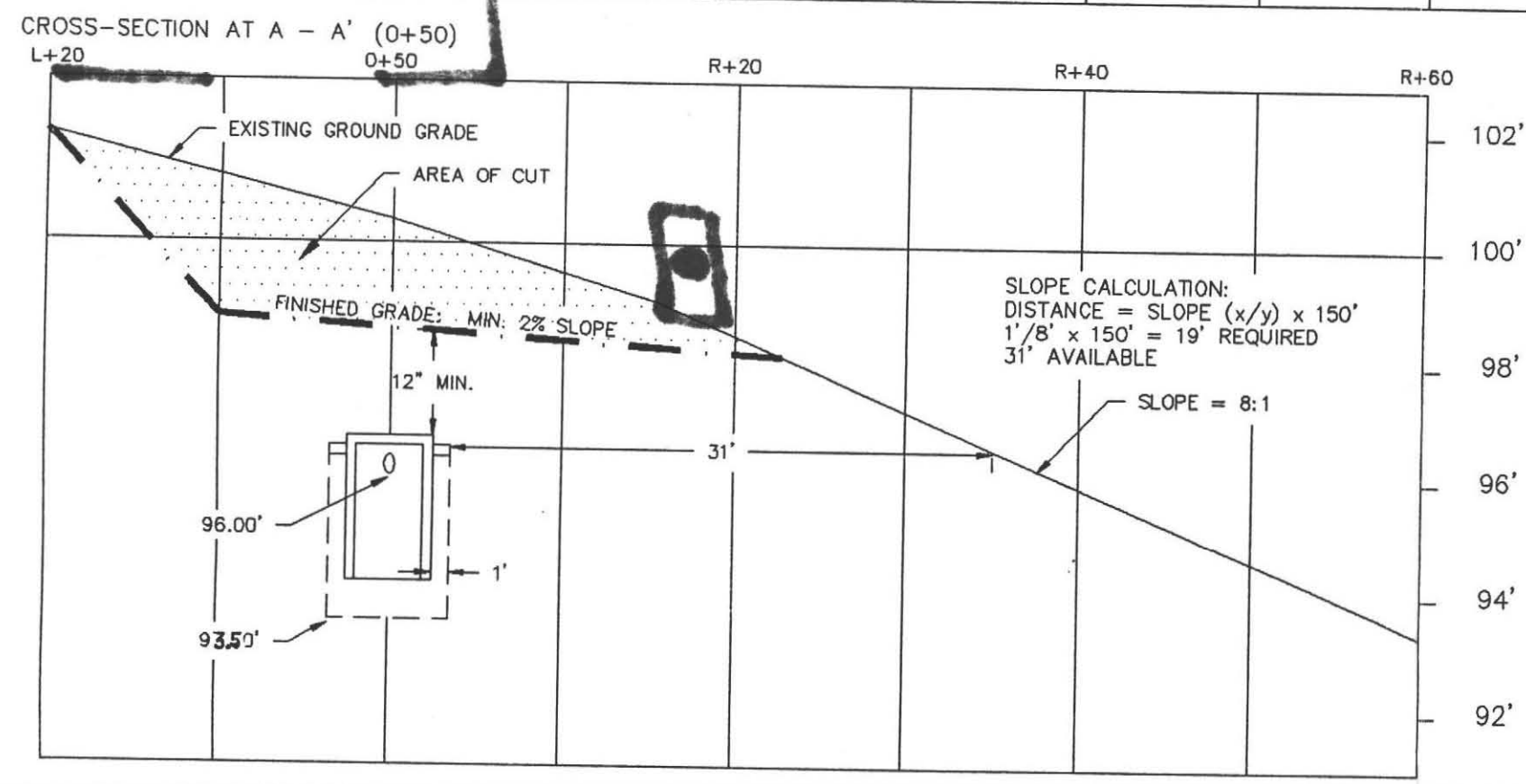


100' Elevation Assumed at TBM. TBM is nail in base of tree as shown on the planview.

- CONSTRUCTION NOTES**
1. THE SEPTIC TANK SHOULD BE INSPECTED AND PUMPED ANNUALLY.
  2. INLET AND OUTLET TEES SHALL EXTEND 10" AND 14" BELOW THE FLOWLINE RESPECTIVELY. TOPS OF TEES SHALL BE LEFT OPEN WITH 3" AIR SPACES BETWEEN THE TOPS OF THE TEES AND THE INSIDE OF THE TANK COVER.
  3. SURFACE DRAINAGE: THE GRADE ABOVE AND ADJACENT TO LEACH PIT SHALL SLOPE AT LEAST 2% TO PREVENT ACCUMULATION OF SURFACE WATER.

**SPECIFICATIONS**

ALL MATERIALS AND CONSTRUCTION MUST BE IN ACCORDANCE WITH COMMONWEALTH OF MASSACHUSETTS DEPT. OF ENVIRONMENTAL PROTECTION STATE ENVIRONMENTAL CODE TITLE 5.



**CALCULATIONS**

REQUIRED: For a 3 bedroom house without a garbage grinder a capacity of 330 gal./day x 1.25 (town safety factor) = 412.5 gal./day required.

DESIGNED: 1 leach pit 25.0'L X 7.0'W X 2.50' below inlet (effective depth), for a perc rate of 2 min./in., yielding side and bottom loading factors of 2.50 and 1.00 gal./sq.ft. respectively.

SIDEWALL: (25.0' + 7.0')2 X 2.5' X 2.50 Gal./Sq.ft.	= 400.0 Gal.
BOTTOM: (25.0' X 7.0')1.00 Gal./Sq.ft.	= 175.0 Gal.
<b>TOTAL</b>	<b>575.0 Gal.</b>

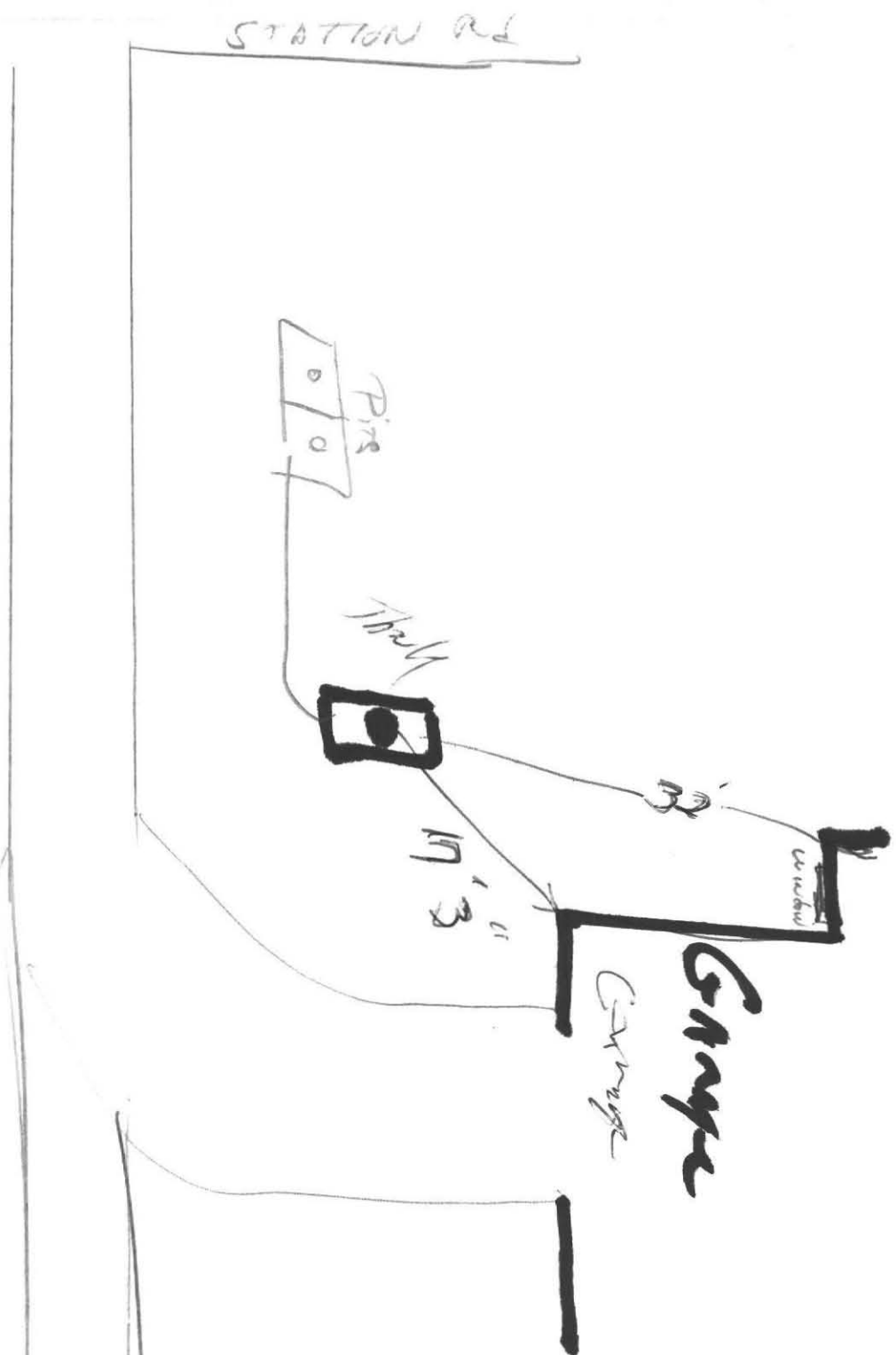


**PROFILE OF SEWAGE DISPOSAL SYSTEM**

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ROBERT STOVER NOVEMBER 17, 1993	SCALE: 1" = 10' HOR. 3' VER. PAGE TWO OF TWO

Final Inspection  
12/21/95



#346

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

Date: Dec. 27, 1993

Name: Mr. Stephen Katigbak  
Address: 86 Gray St.  
Amherst, Mass. 01002

Dear Mr. Katigbak

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

AT: "Farm Hills" development  
Lot 4 on Station Road.  
Assessors Map 21C parcel 4.

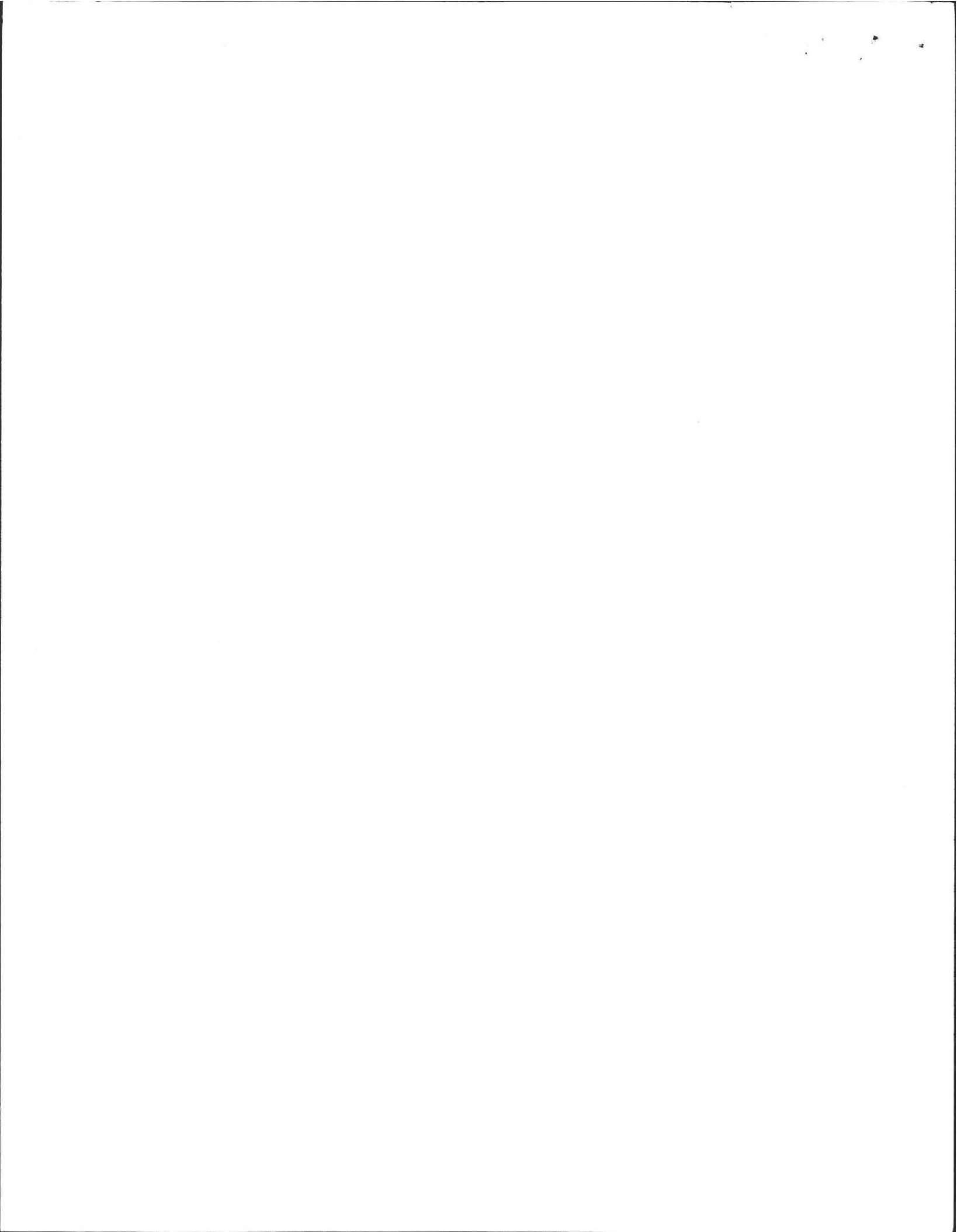
Unless exceptions are noted below, the system complied with the approved design and elevations.

Exceptions: The "As Built" installations differ from the septic plan as shown in red on the plan view and profile view of the original plans - as enclosed. These changes do not necessarily violate Title V of the Sanitary code D.E.Q.E.

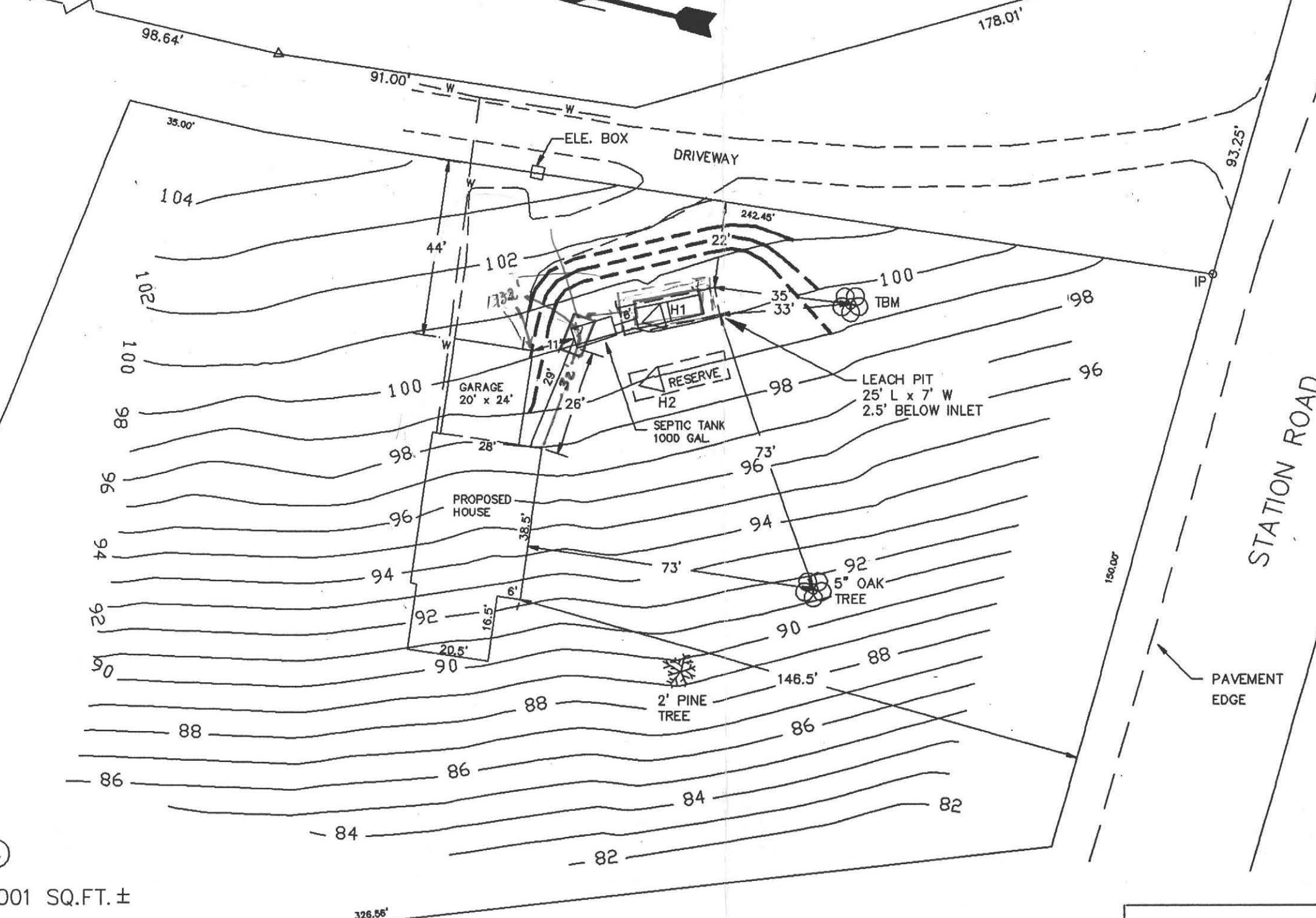
Sincerely,

Frederick A. Filios RS  
(Frederick A. Filios)

C.C. to Board of Health



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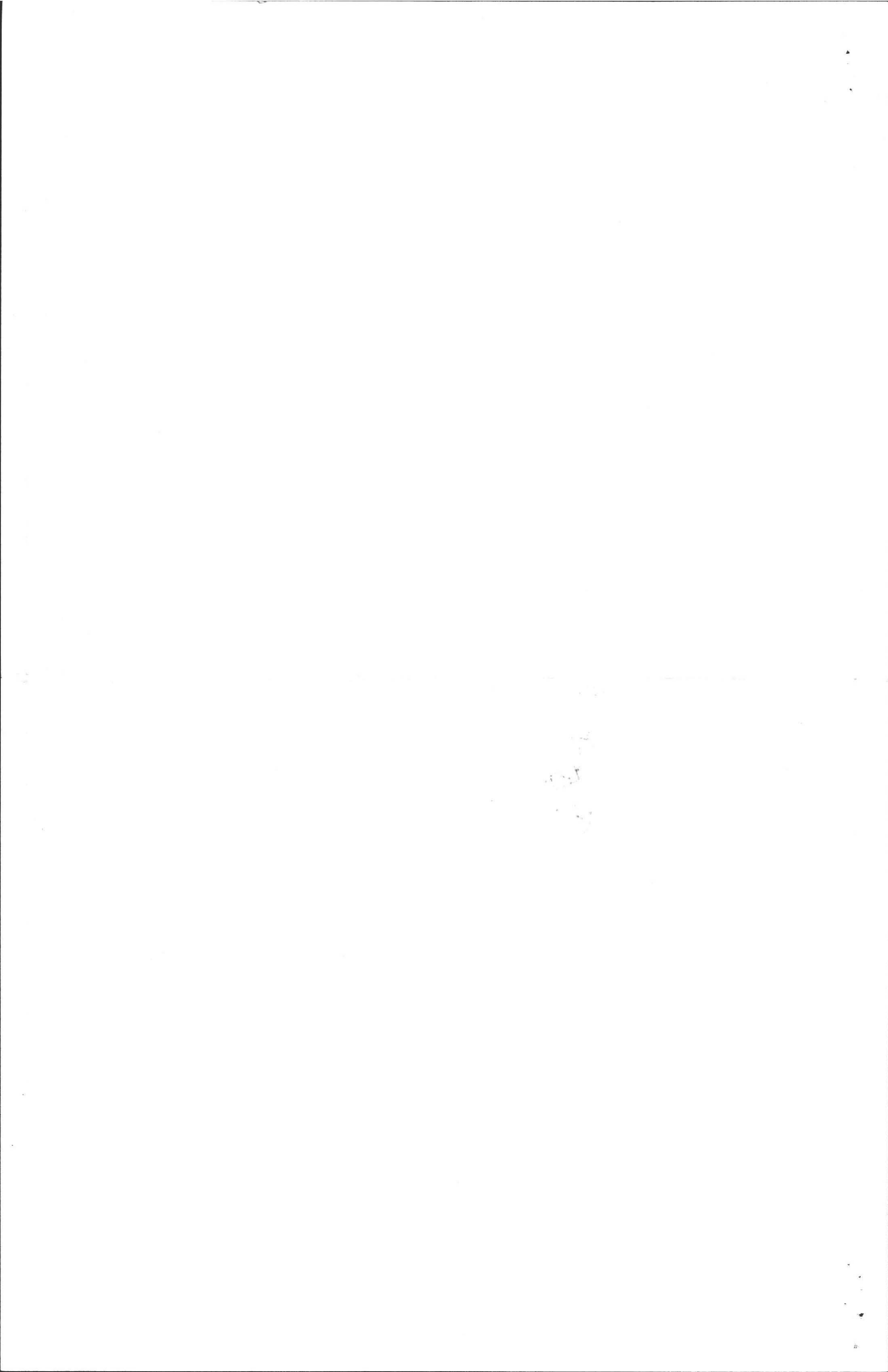
④  
AREA: 55,001 SQ.FT. ±

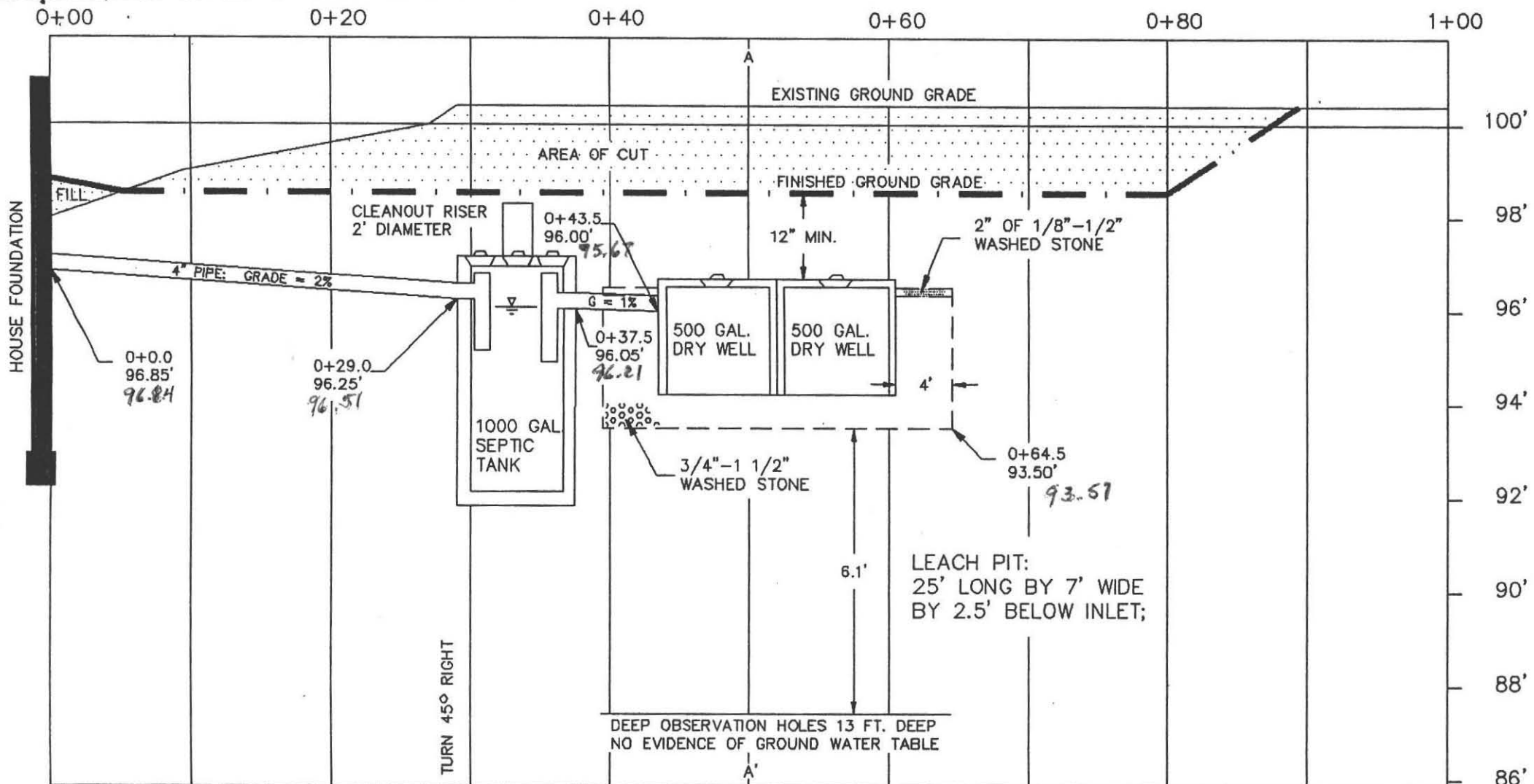


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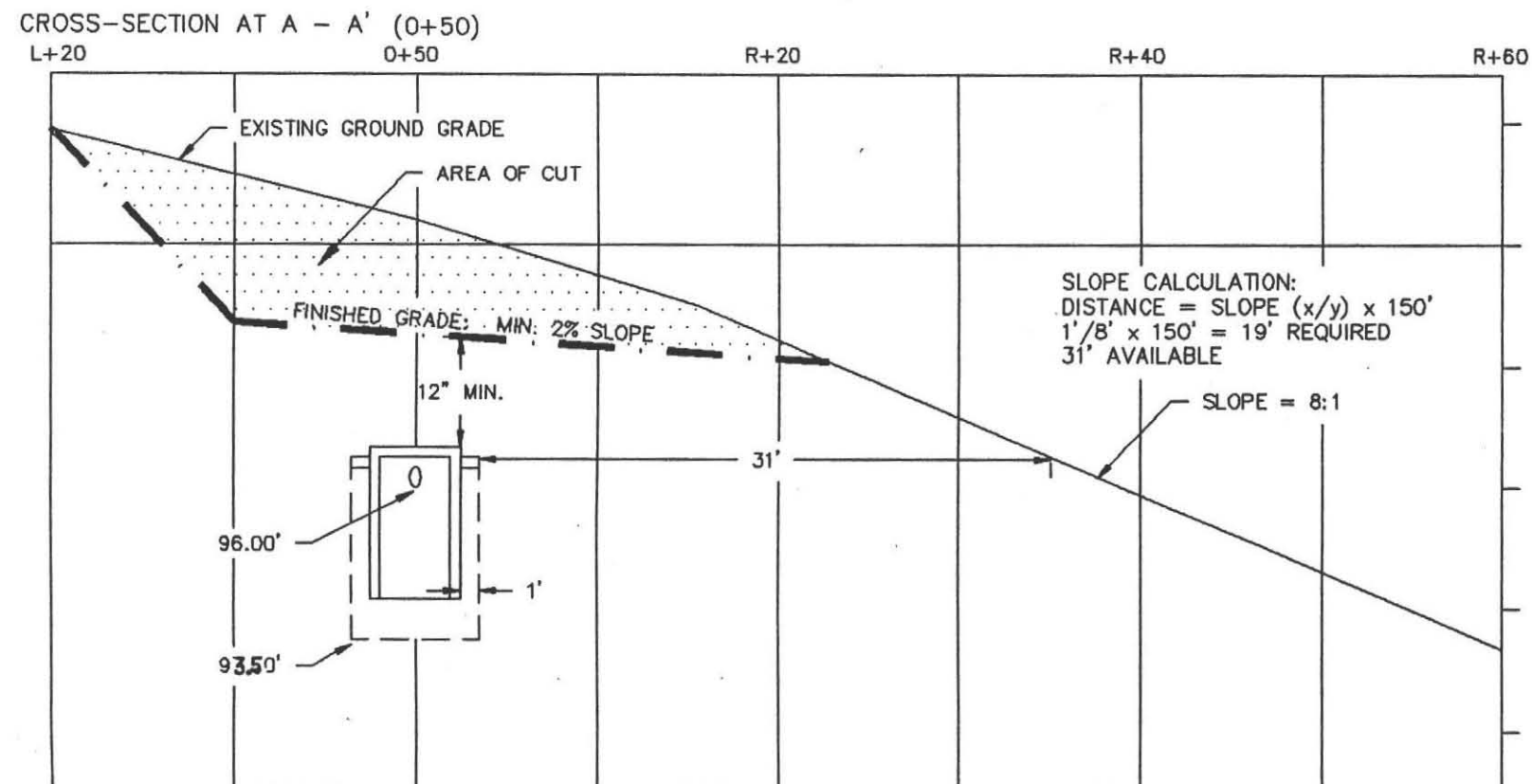


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