



23 Canterbury  
**LEWIS & COOK SURVEYORS, INC.**

P. O. BOX 1196  
BELCHERTOWN, MASSACHUSETTS 01007

NOV 14 1994

RICHARD A. LEWIS, P.L.S.  
PRESIDENT  
413-323-7124

RICHARD L. COOK  
TREASURER  
413-283-7238

November 8, 1994

Board of Health  
David Zarozinski  
Boltwood Walk  
Amherst, MA 01002

Dear David,

I have inspected the subsurface sewage disposal system on lot 8, Canterbury Lane on September 24, 1994, for Ron Laverdiere, contractor Bill Peeso. See as built

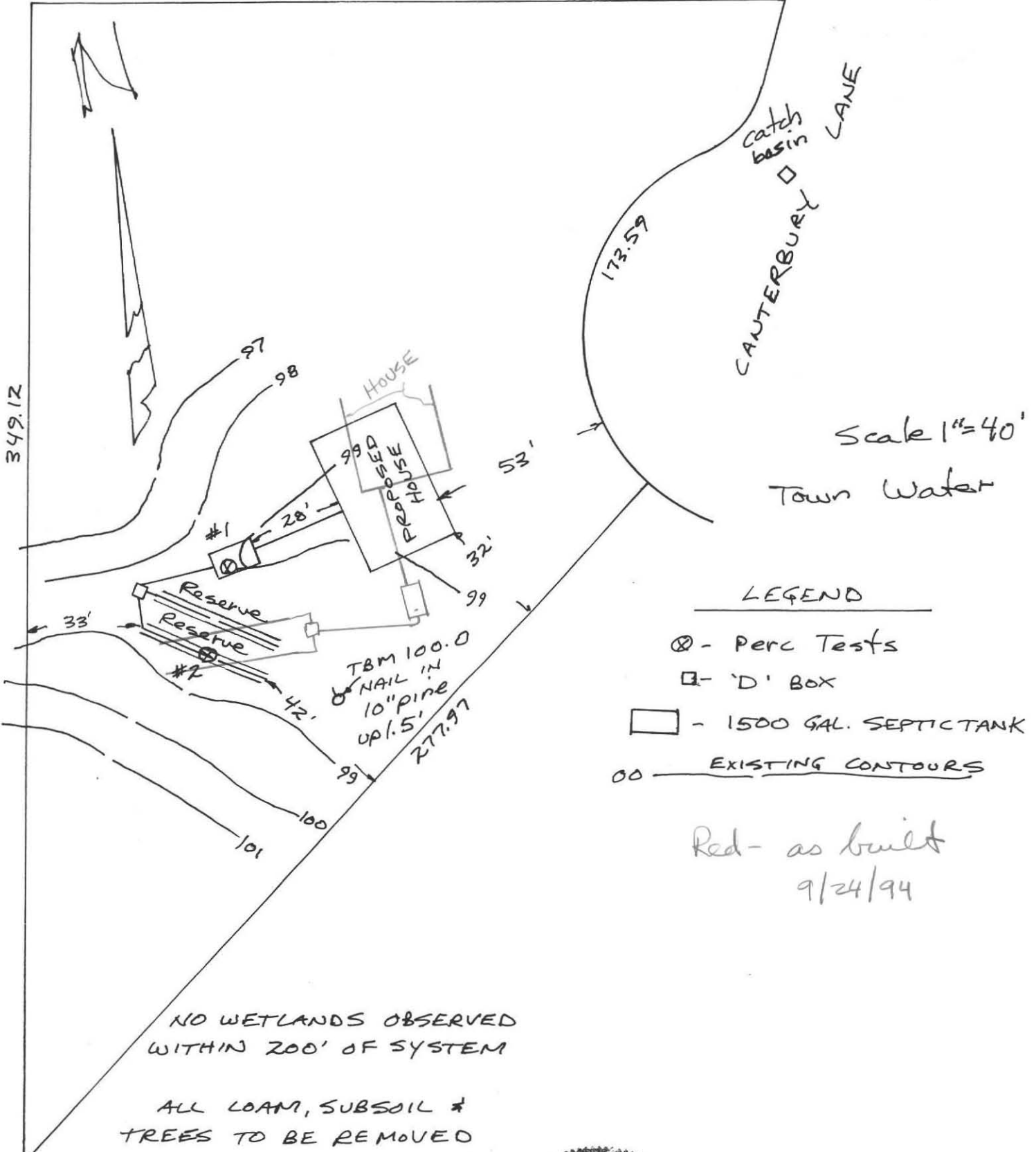
I have found the system substantially constructed as designed.

Yours truly,

Robert F. Sheehan, P.E.

2007 1 1 VOW

277.19



Scale 1"=40'  
Town Water

- LEGEND
- ⊗ - Perc Tests
  - - 'D' BOX
  - ▭ - 1500 GAL. SEPTIC TANK
  - oo - EXISTING CONTOURS

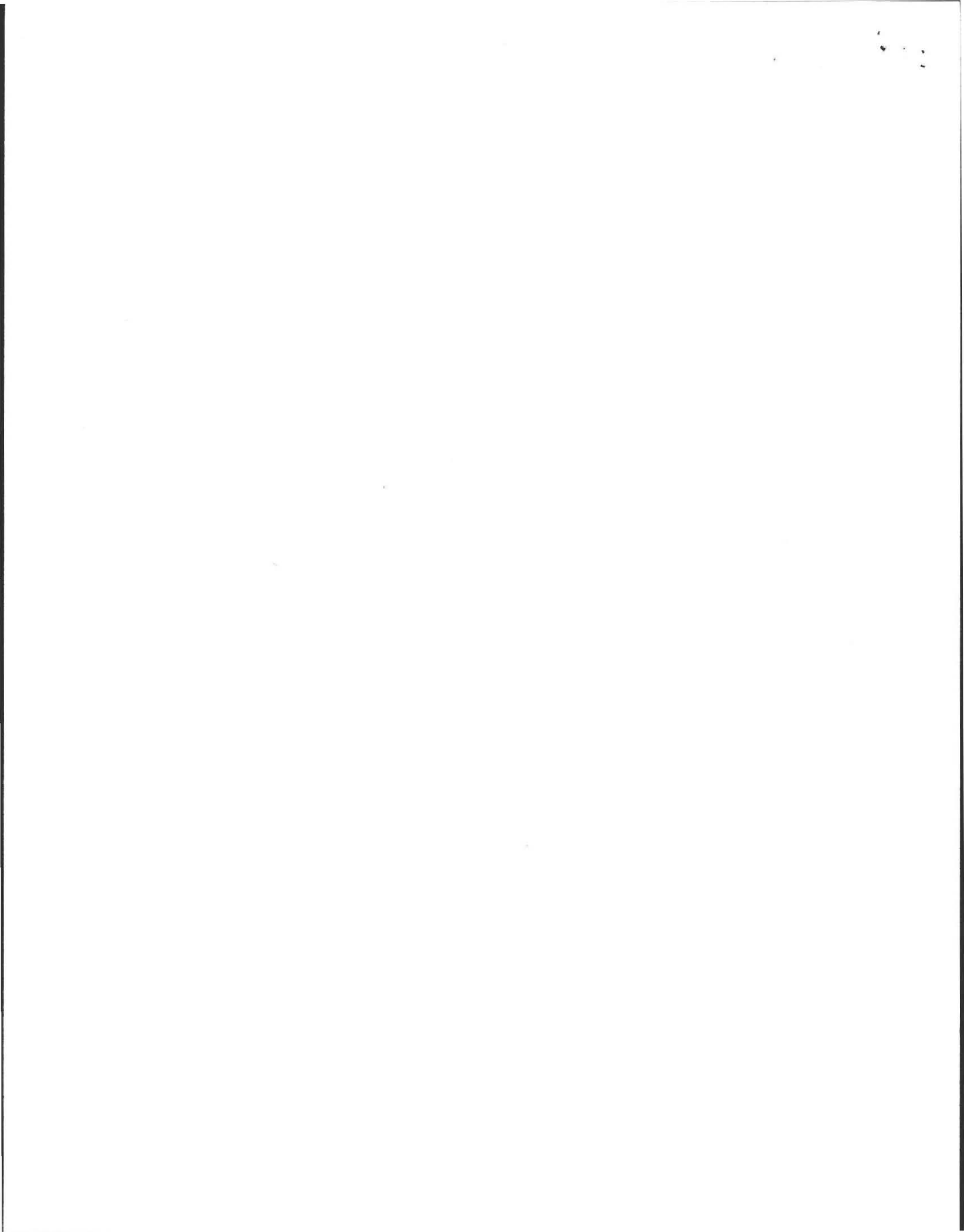
Red - as built  
9/24/94

NO WETLANDS OBSERVED  
WITHIN 200' OF SYSTEM

ALL LOAM, SUBSOIL &  
TREES TO BE REMOVED  
WITHIN 10' OF SYSTEM.

Design by Lewis & Cook  
Surveyors, Inc.





No. 93-20

CHK# 651 ①  
FEE 6000

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:

Canterbury Lane Lot 8  
Ronald Laverdiere Location - Address or Lot, No.  
Owner RR 2 Pelham Hill Rd Amherst  
Address

Installer \_\_\_\_\_ Address \_\_\_\_\_  
Type of Building \_\_\_\_\_ Size Lot 46,511 Sq. feet  
Dwelling  No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (  )  
Other — Type of Building \_\_\_\_\_ No. of persons 5 Showers ( ) — Cafeteria ( )  
Other fixtures \_\_\_\_\_

Design Flow 55 gallons per person per day. Total daily flow 440 gallons.  
Septic Tank — Liquid capacity 1500 gallons Length 120" Width 60" Diameter \_\_\_\_\_ Depth 48"  
Disposal Trench — No. 2 Width 36" Total Length 80' Total leaching area 240 sq. ft.  
Seepage Pit No. N/A Diameter \_\_\_\_\_ Depth below inlet 18" Total leaching area 250 sq. ft.

Other Distribution box (  ) Dosing tank ( )  
Percolation Test Results Performed by Filos Enterprises Date April 19, 1989  
Test Pit No. 1 2:0 minutes per inch Depth of Test Pit 70" Depth to ground water \_\_\_\_\_  
Test Pit No. 2 2:0 minutes per inch Depth of Test Pit 48" Depth to ground water below 12'

Description of Soil See Attached sheets

Nature of Repairs or Alterations — Answer when applicable \_\_\_\_\_

Agreement: Insp Dave Zarozinski  
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 Ronald Laverdiere  Date 12/28/93

Application Approved By Dave Zarozinski for Amherst Health  Date 12/27/93

Application Disapproved for the following reasons: \_\_\_\_\_  
Permit No. 93-20 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 ( ) by CAUTERBURY LANE Installer

at CAUTERBURY LANE 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. 93-20 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. 93-20

FEE PL 6000  
12/27/93  
64651

Disposal Works Construction Permit

Permission is hereby granted Ronald Laverdiere to Construct (  ) or Repair ( ) an Individual Sewage Disposal System at No. Canterbury Lane Street

as shown on the application for Disposal Works Construction Permit No. 93-20 Dated \_\_\_\_\_

DATE 12/27/93 Board of Health Dave Zarozinski for Amherst Health Dept

CHECK OR FILL IN WHERE APPLICABLE

THE UNIVERSITY OF CHICAGO  
LIBRARY



THE UNIVERSITY OF CHICAGO  
LIBRARY

THE UNIVERSITY OF CHICAGO  
LIBRARY

TOWN OF AMHERST

PERC TEST DATA SHEET

~~EATON~~ LOT A

DATE 4/19/89 LOCATION Bay Road LOT SIZE LOT 8

OWNER Ron LaVerdura ADDRESS 148 Wildflower Dr TELE # 256-8285

P.E./RS Robert Stoves FIRM F. L. 105 OBSERVED BY David Zama

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

PERC DEPTH 70 PRE SOAK TIME 8:46 PERC DEPTH 48 PRE SOAK TIME 10:10

TEST \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RATE CANT HOLD (2) RATE CANT HOLD (2)

#1

TOP 3
SUB 16
STRATIFIED SAND + GRAVEL FINE 12'
TO Casings DRY

#2

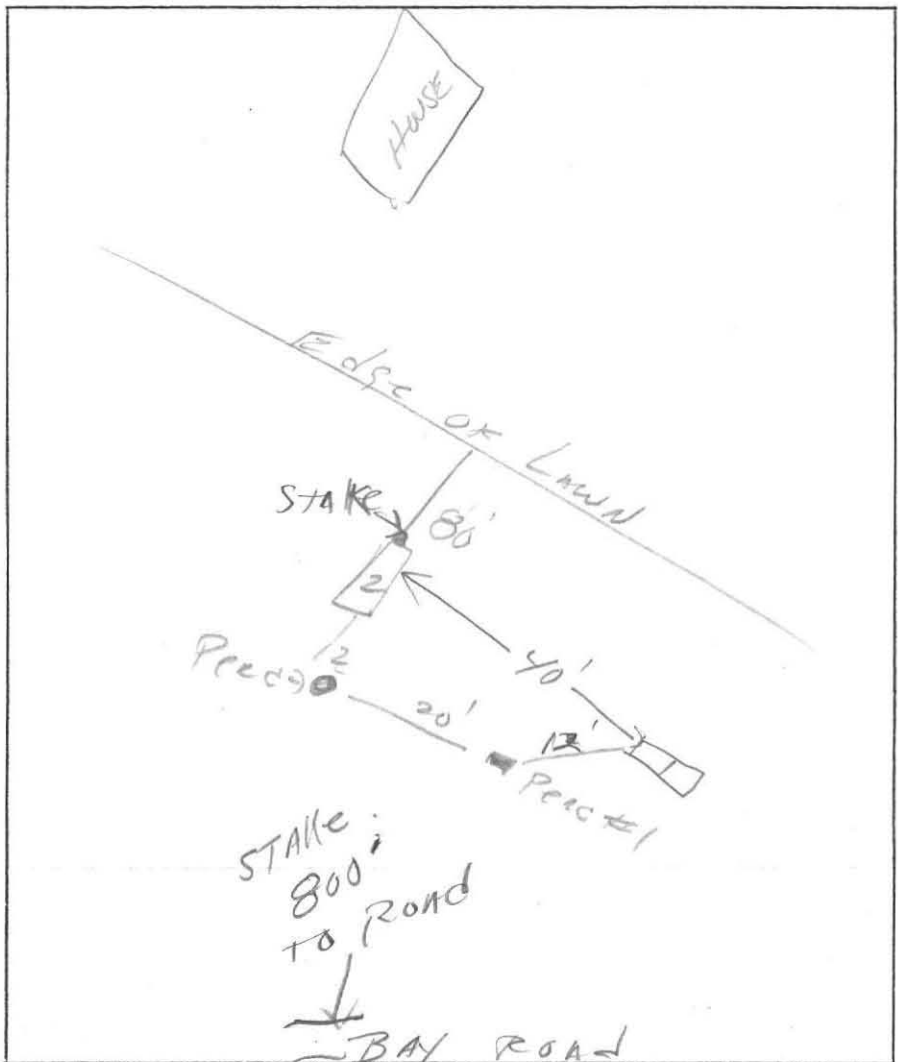
TOP 4
SUB 17
STRATIFIED SAND 6'
Fine gravel 8'
DRY 12'

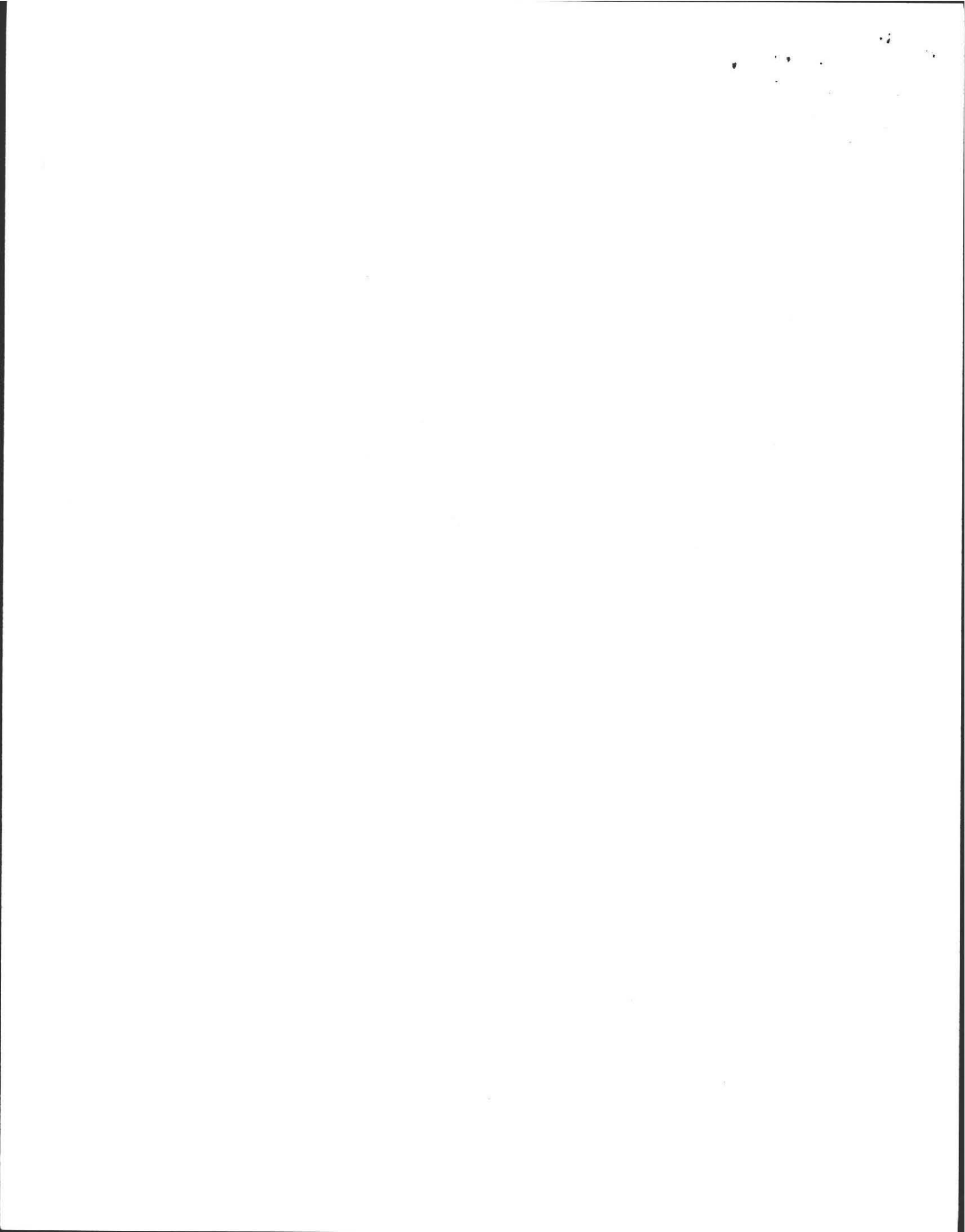
TOP
SUB

TOP
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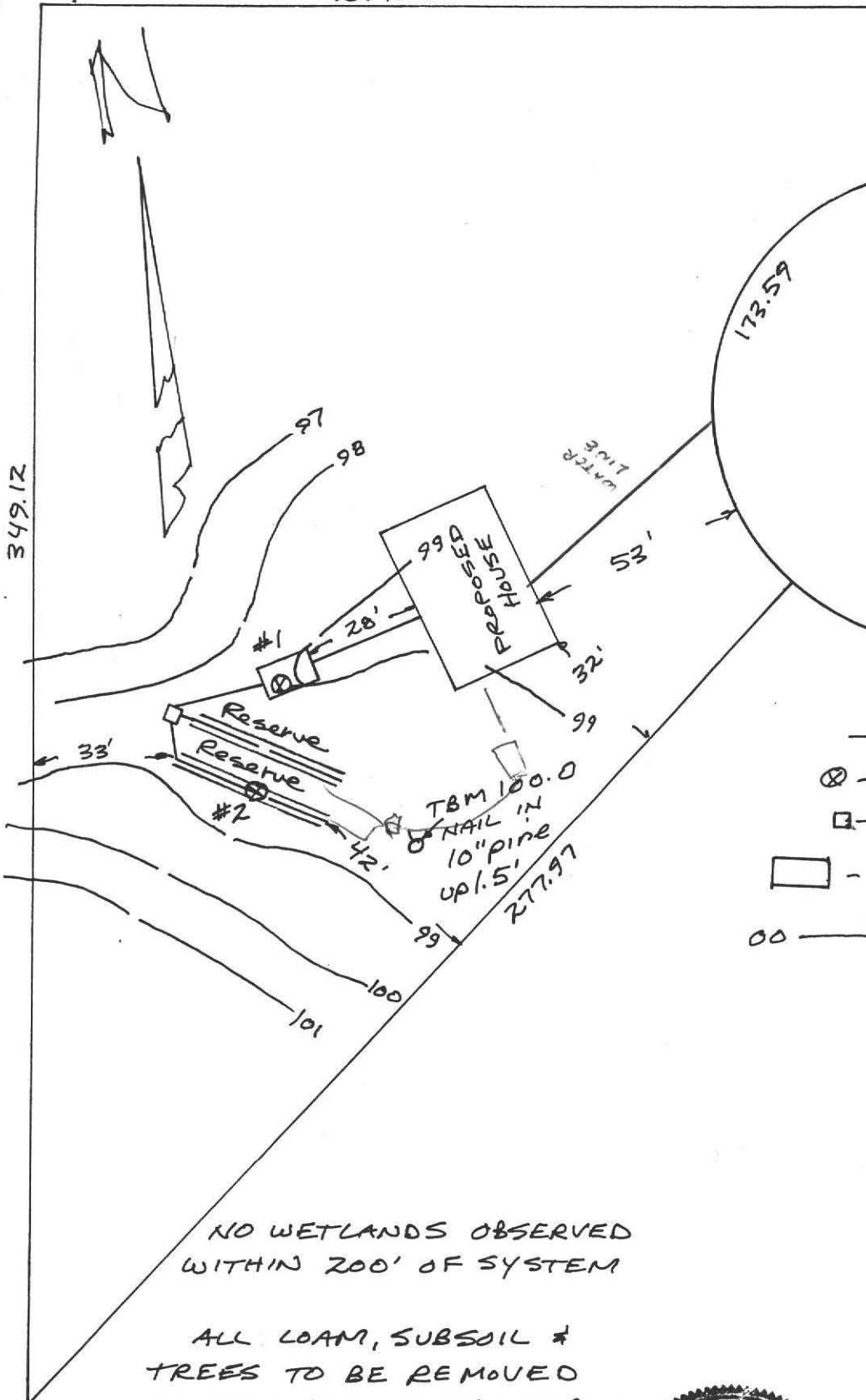






Lot 8 pg. 2  
Cauterbury Lane

277.19



Catch basin  
CANTEBURY LANE

Scale 1"=40'

Town Water

LEGEND

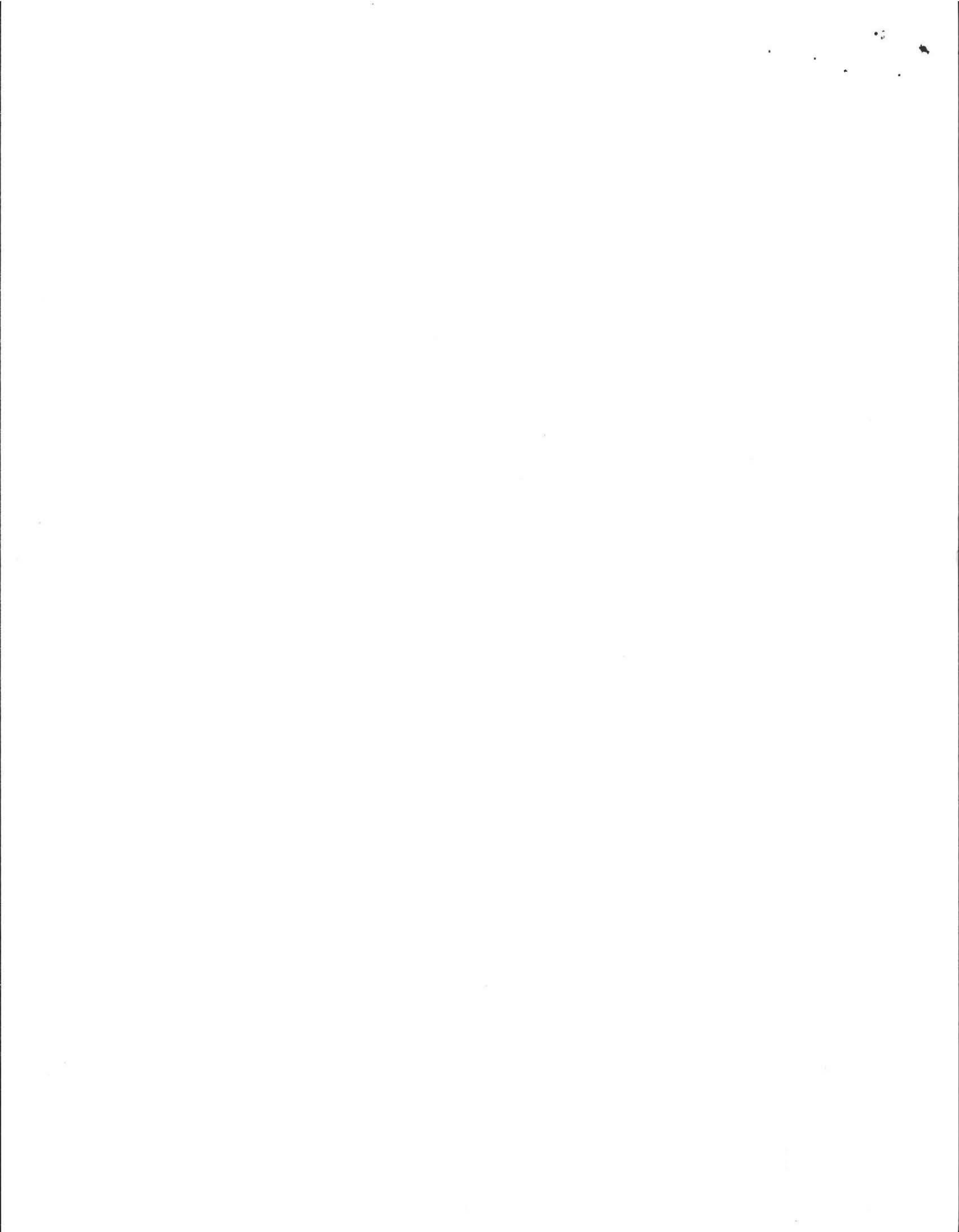
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- - 'D' Box
- ▭ - 1500 GAL. SEPTICTANK
- 00 - EXISTING CONTOURS

NO WETLANDS OBSERVED  
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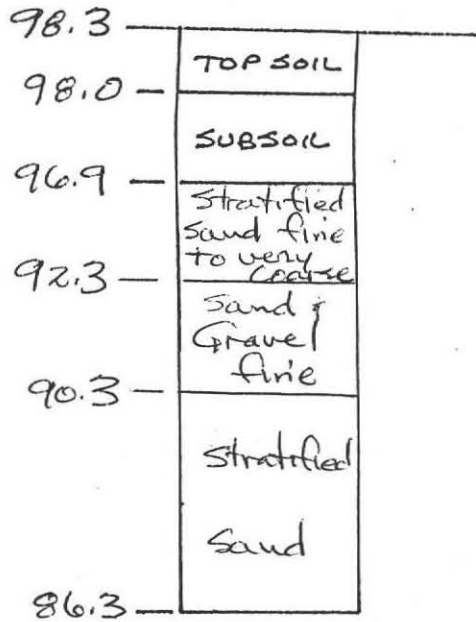
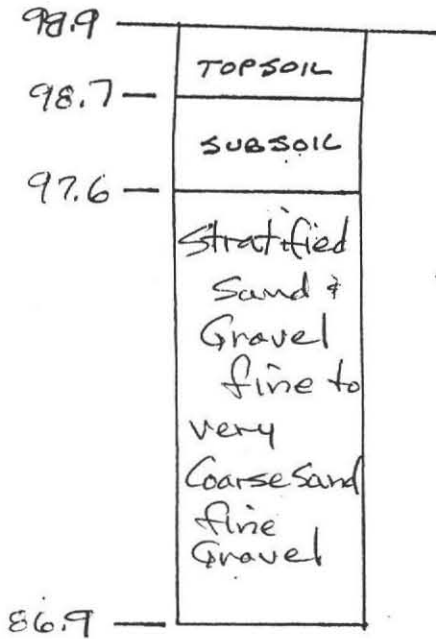
DEEP TEST HOLES

LOT 8 Pg. 3

Canterbury Lane

#1

#2



CALCULATIONS

BOTTOM AREA (NOT ALLOWED OVER 20.0 mm/in) 2.0 min/in = 1.0 gal./sq.ft.

$40' \times 3' \times 2 \text{ lines} = 240 \text{ sq. ft.} \times 1.0 \text{ gal./sq. ft.} = 240 \text{ GAL.}$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

2.0 min/in = 2.50 gal./sq.ft.

$40' \times 1\frac{1}{2}' \times 2 \text{ sides} \times 2 \text{ lines} = 240 \text{ sq. ft.}$

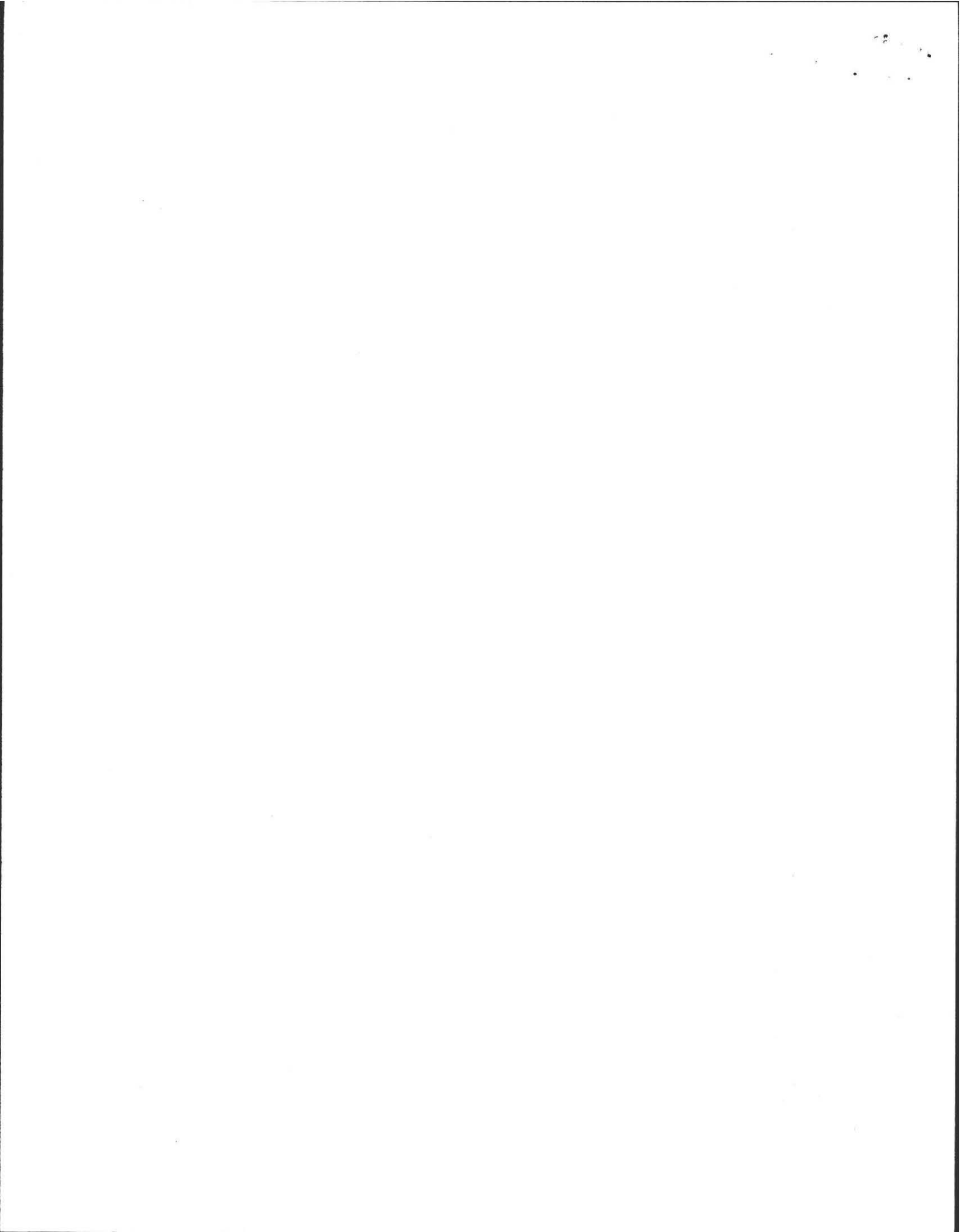
$3' \times 1\frac{1}{2}' \times 2 \text{ ends} \times 2 \text{ lines} = 18 \text{ sq. ft.}$

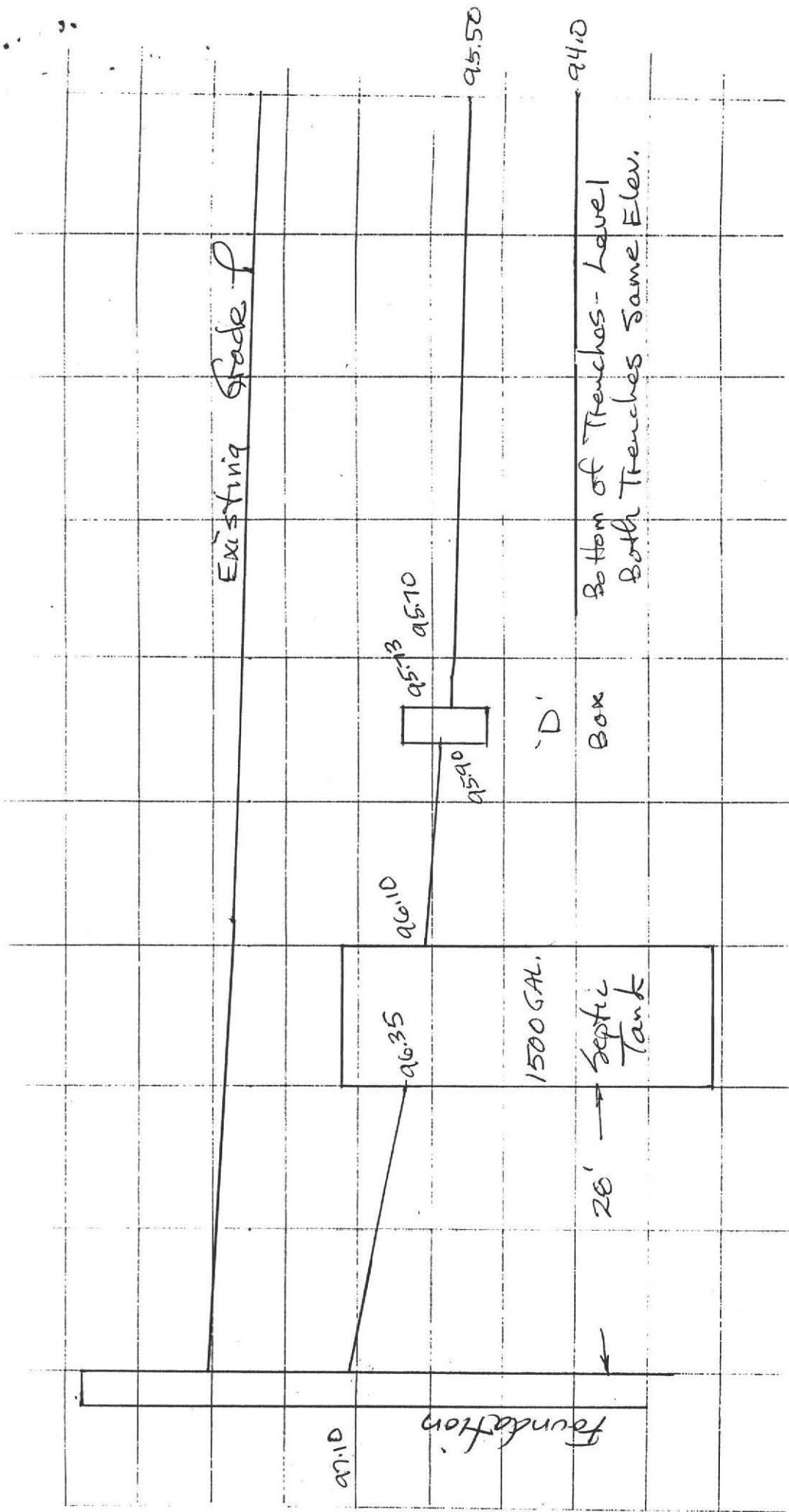
$258 \text{ sq. ft.} \times 2.5 \text{ gal./sq. ft.} = 645 \text{ GAL}$

885 GAL

825 GAL. REQUIRED  AVAILABLE







NOTES:

1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6: 8, 9 TITLE 5)
2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10: 4 TITLE 5)
3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE BOTTOM OF PIPE)
6. D-BOX OUTLET PIPES SHALL BE LEVEL MIN. 2.0 FT. (SECT. 15.10: 3 TITLE 5)
7. END CAPS ON PIPES

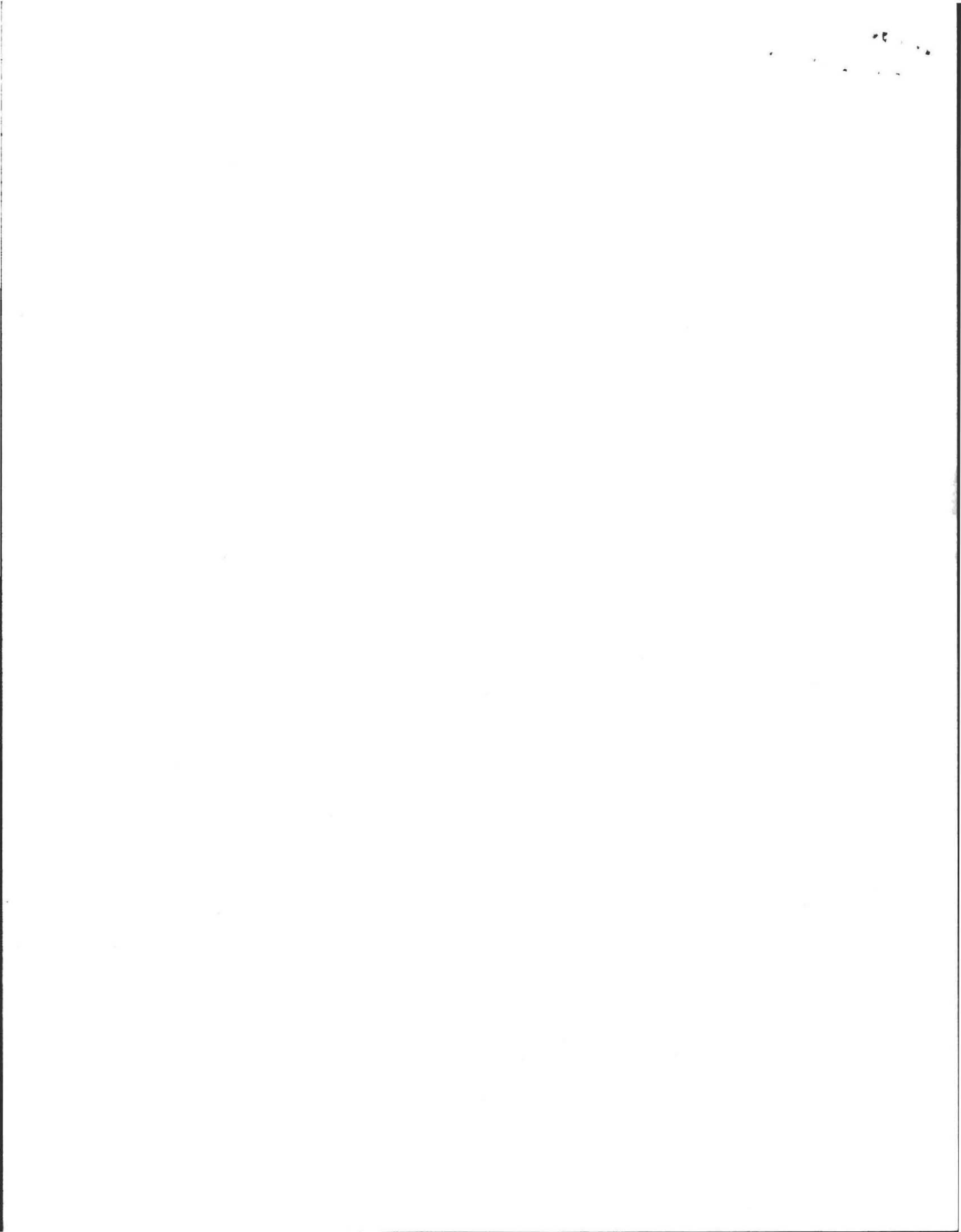
PROFILE OF SYSTEM

SCALE HORZ. 1" = 10'

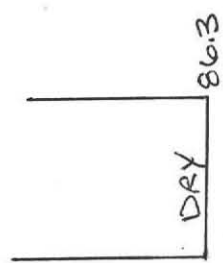
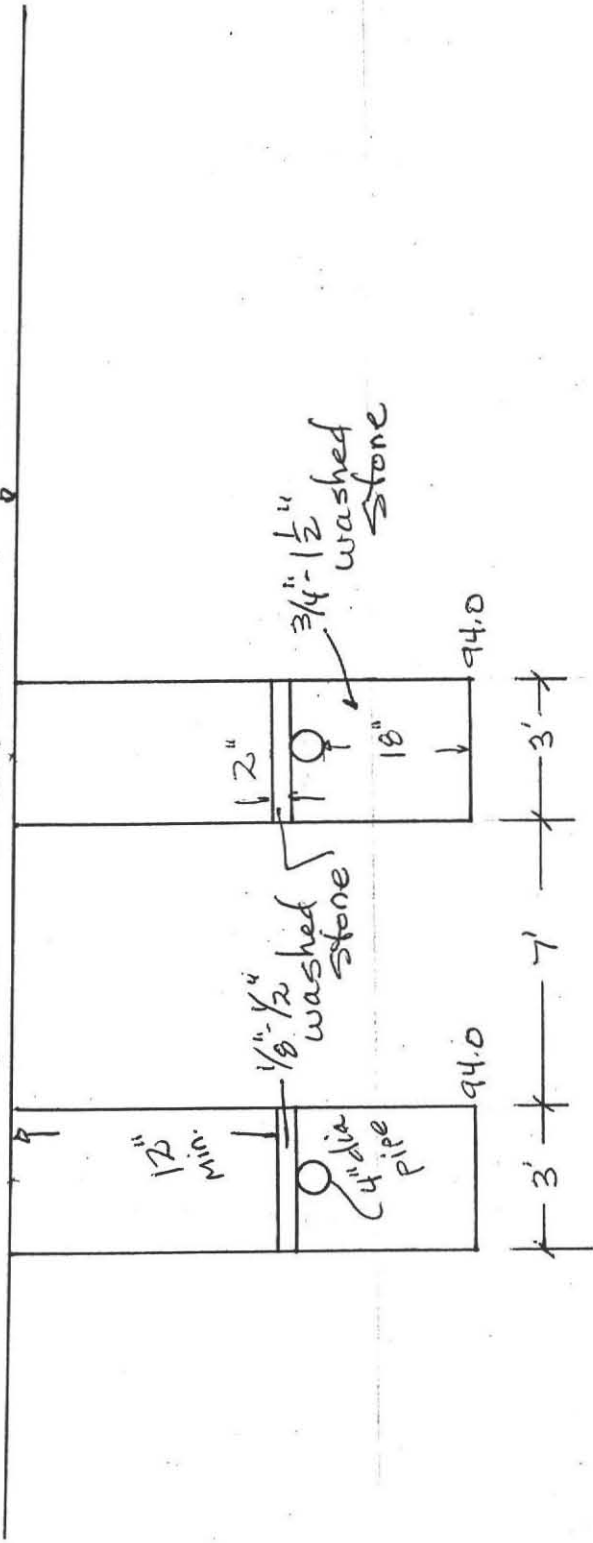
VERT. 1" = 2'



*Robert Francis Sheehan*



Finish Grade - See Note #9



NOTES: Deep Hok #2

- 8. ALL LOAM, SUBSOIL, AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 1' OF LEACHING FACILITY, SECT 15.02:17 TITLE 5.
- 9. FINISH GRADE ABOVE ADJACENT TO SYSTEM SHALL SLOPE @ LEAST 2% TO PREVENT ACCUMULATION OF SURFACE WATER.

FILL SHALL HAVE PERC RATE OF 2.0 min/in. BEFORE AND AFTER PLACEMENT.

CROSSSECTION OF SYSTEM

NO SCALE



