

17 Canterbury
LEWIS & COOK SURVEYORS, INC.

OCT 18 1993

P. O. BOX 1196
BELCHERTOWN, MASSACHUSETTS 01007

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

RICHARD L. COOK
TREASURER
413-283-7238

October 14, 1993

Board of Health
David Zarozinski
Boltwood Walk
Amherst, MA 01002

Dear David,

#17
I have inspected the subsurface seage disposal system on lot 9, Canterbury Lane on October 12, 1993, 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.

OCT 18 1993

Lot 9 pg. 2

490 x 1.25 x 1.50 = 825 GAL.

4 bed house w/G.G. Scale 1"=40'

17 Canterbury Lane

TOWN WATER

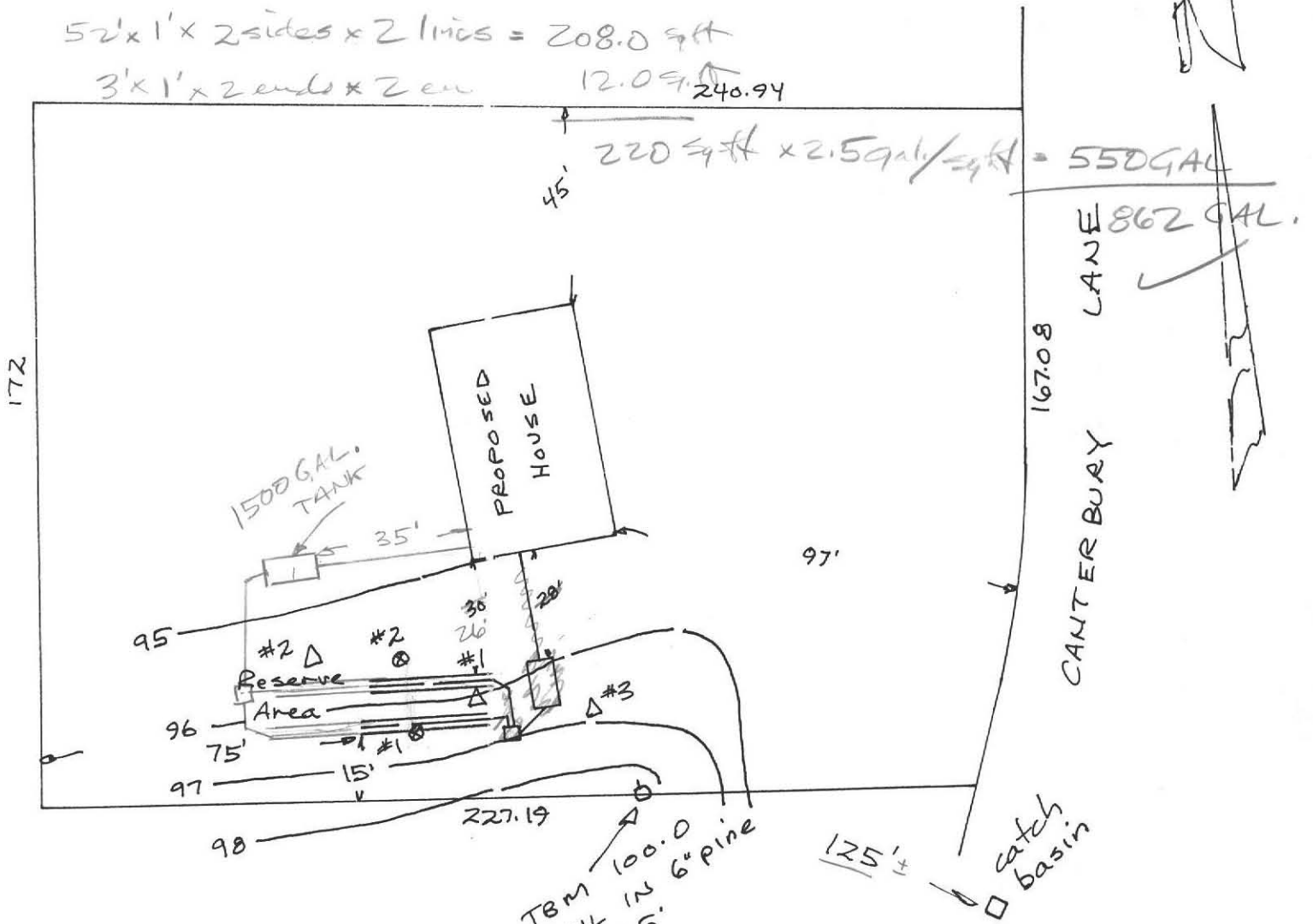
52' x 3' x 2 = 312.0 x 1.0 gal/sq.ft. = 312.0 GAL.

52' x 1' x 2 sides x 2 lines = 208.0 sqft

3' x 1' x 2 ends x 2 en 12.0 sqft 240.94

220 sqft x 2.5 gal/sqft = 550 GAL

862 GAL.



NO WETLANDS OBSERVED WITHIN 200'

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

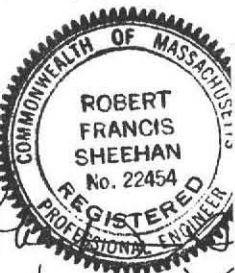
LEGEND

- △ - Deep Hole
- ⊙ - Perc Test
- - 'D' BOX

□ - 1000 GAL. Septic Tank

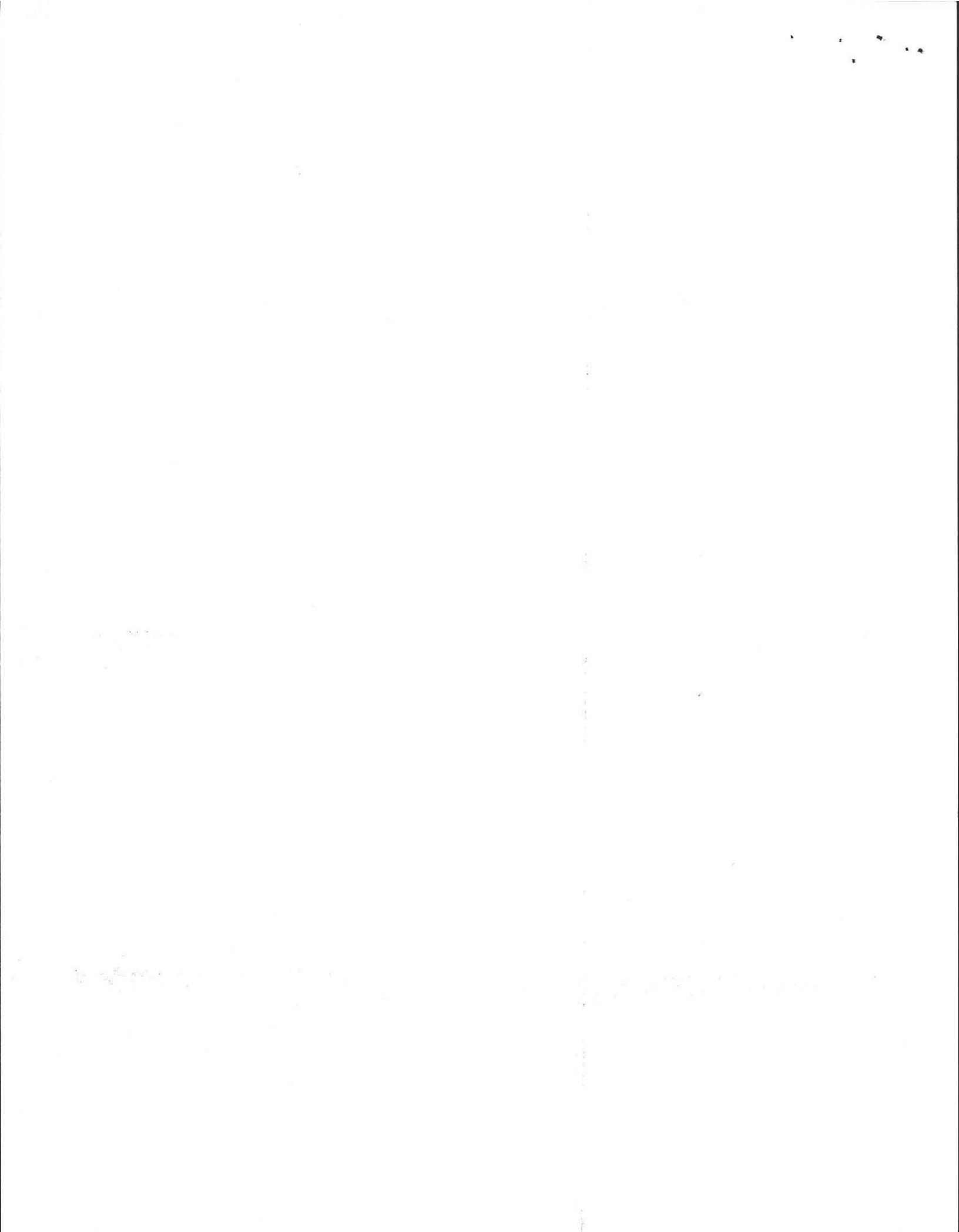
oo - EXISTING CONTOURS

'AS BUILT'
10/14/93



Design by Lewis & C Surveyors, Inc.

Post-it® Fax Note	7671	Date	# of pages
To	VAS	From	
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	



No. 93-4

FEE 60
4/14/93
CK 244
R-L

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

17 Canterbury Lane Lot 9
Ronald Lavendiere RR2 Pelham Hill Rd Amherst, MA
Bill Peeso Belchertown

Type of Building Dwelling X No. of Bedrooms 4 Expansion Attic () Garbage Grinder (NO)
Other - Type of Building No. of persons 8 Showers () - Cafeteria ()

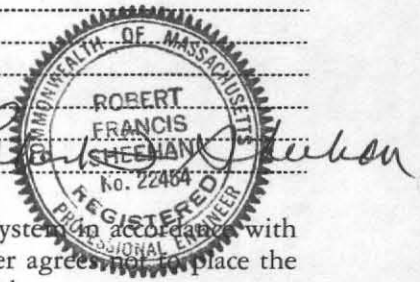
Design Flow 55 gallons per person per day. Total daily flow 440 x 1.25 = 550 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 96" Width 53" Diameter Depth 48"
Disposal Trench - No. 3 Width 36" Total Length 70' Total leaching area 210 sq. ft.
Seepage Pit No. NA Diameter Depth below inlet 10" Total leaching area 152 sq. ft.

Percolation Test Results Performed by Filios Enterprises Date April 19, 1989
Test Pit No. 1 2.0 minutes per inch Depth of Test Pit 53" Depth to ground water below 13'
Test Pit No. 2 2.0 minutes per inch Depth of Test Pit 60" Depth to ground water below 13'

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 Lavendiere 4/14/93

Application Approved By David Zarozinski for A. J. Dept. 4/14/93

Application Disapproved for the following reasons:

Permit No. 93-4 Issued 4/14/93

Paul Lussia
For F.R. Peeso

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 Bill Peeso Installer at Lot 9 Canterbury 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. 93-4 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

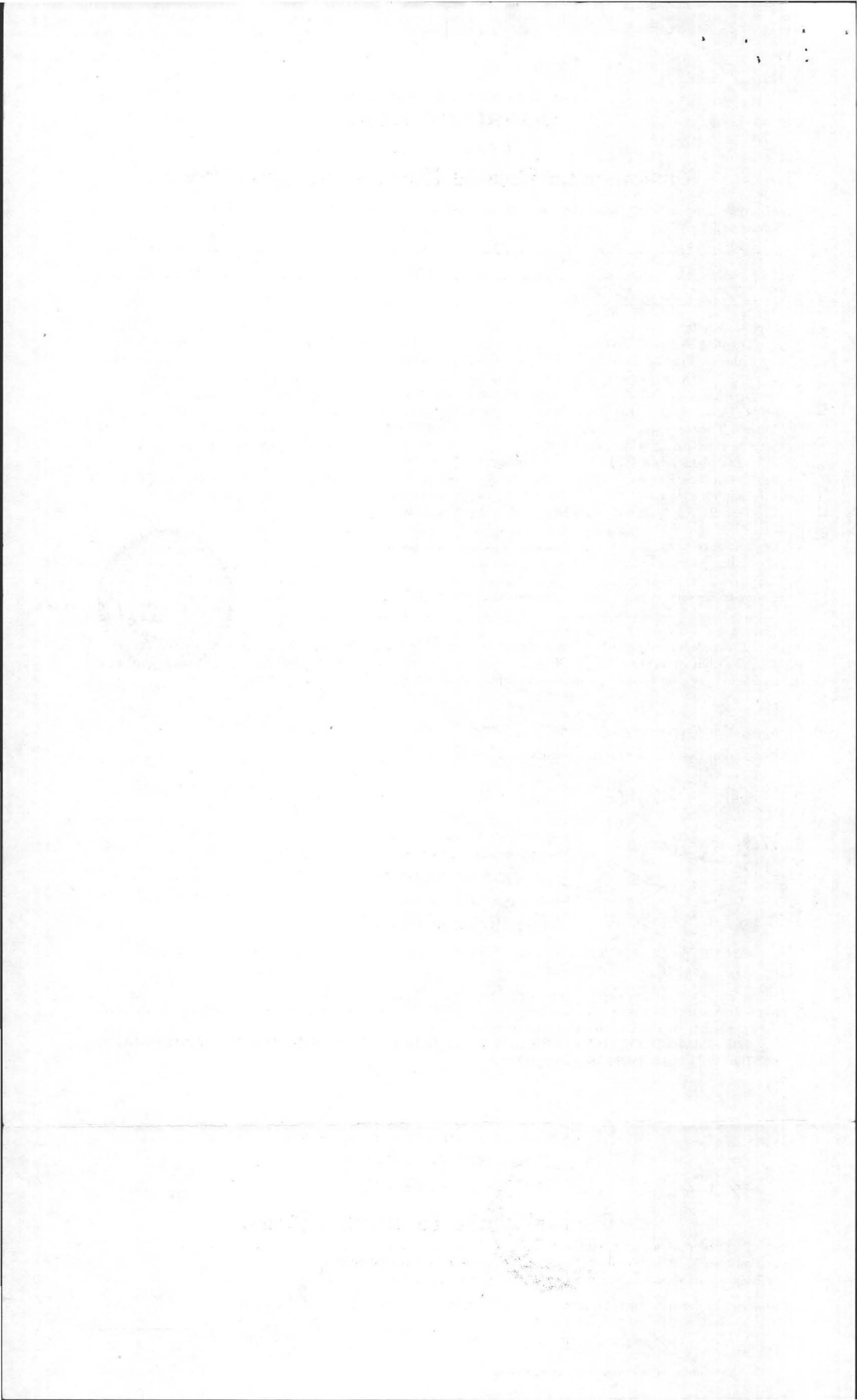
BOARD OF HEALTH

Town OF Amherst

Disposal Works Construction Permit

Permission is hereby granted Ronald Lavendiere to Construct (/) or Repair () an Individual Sewage Disposal System at No. Lot 9 Canterbury Lane as shown on the application for Disposal Works Construction Permit No. 93-4 Dated 4/14/93

DATE 4/14/93 Board of Health



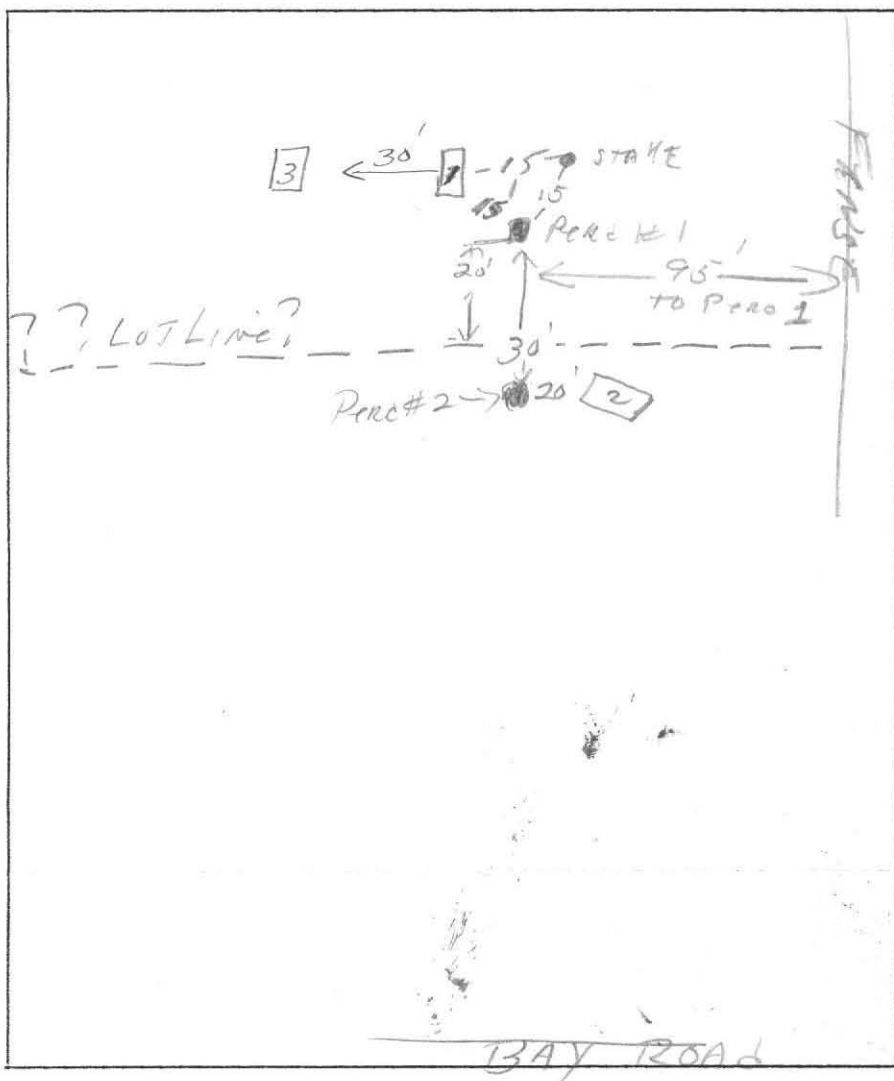
TOWN OF AMHERST

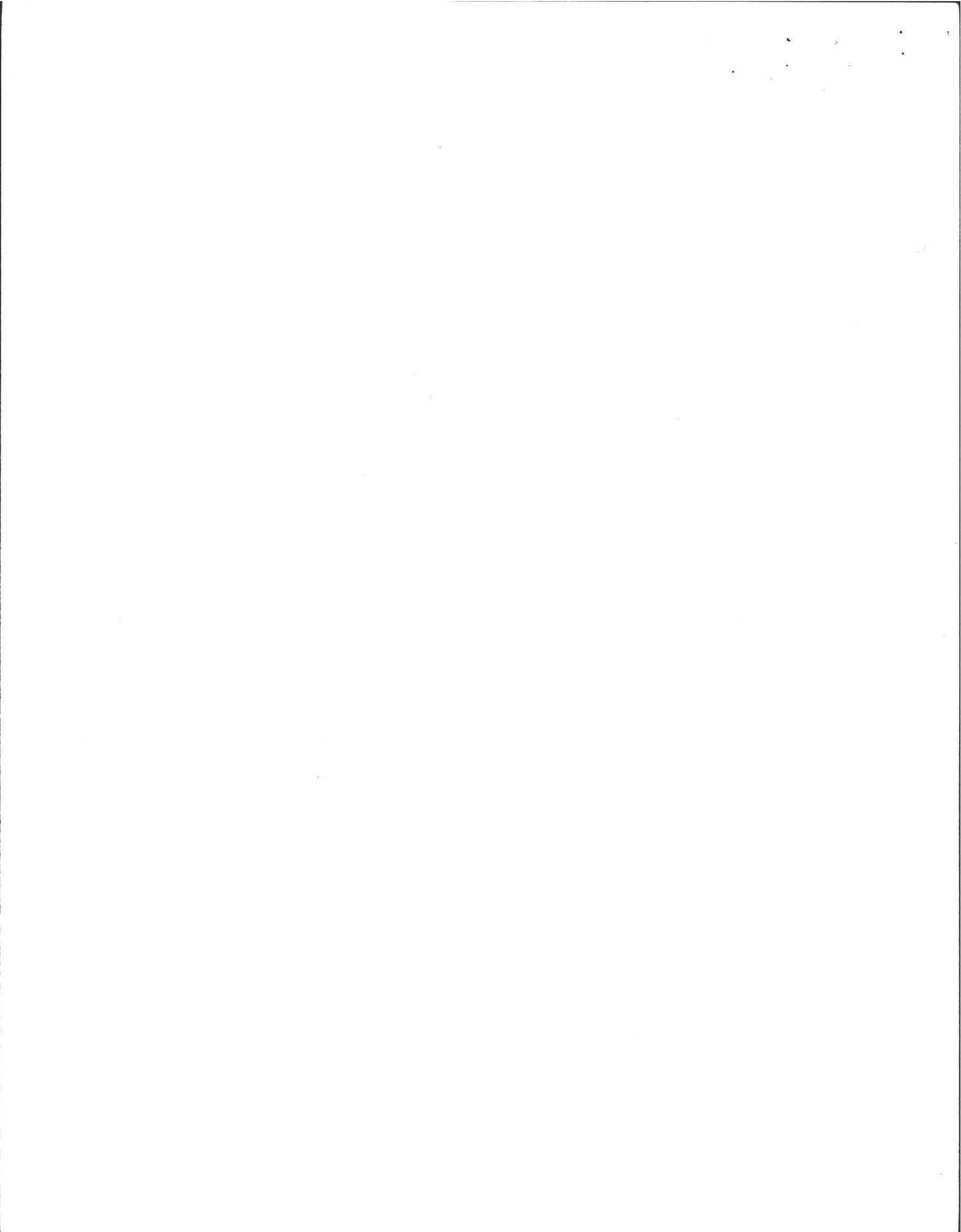
PERC TEST DATA SHEET

EATON
LOT 6

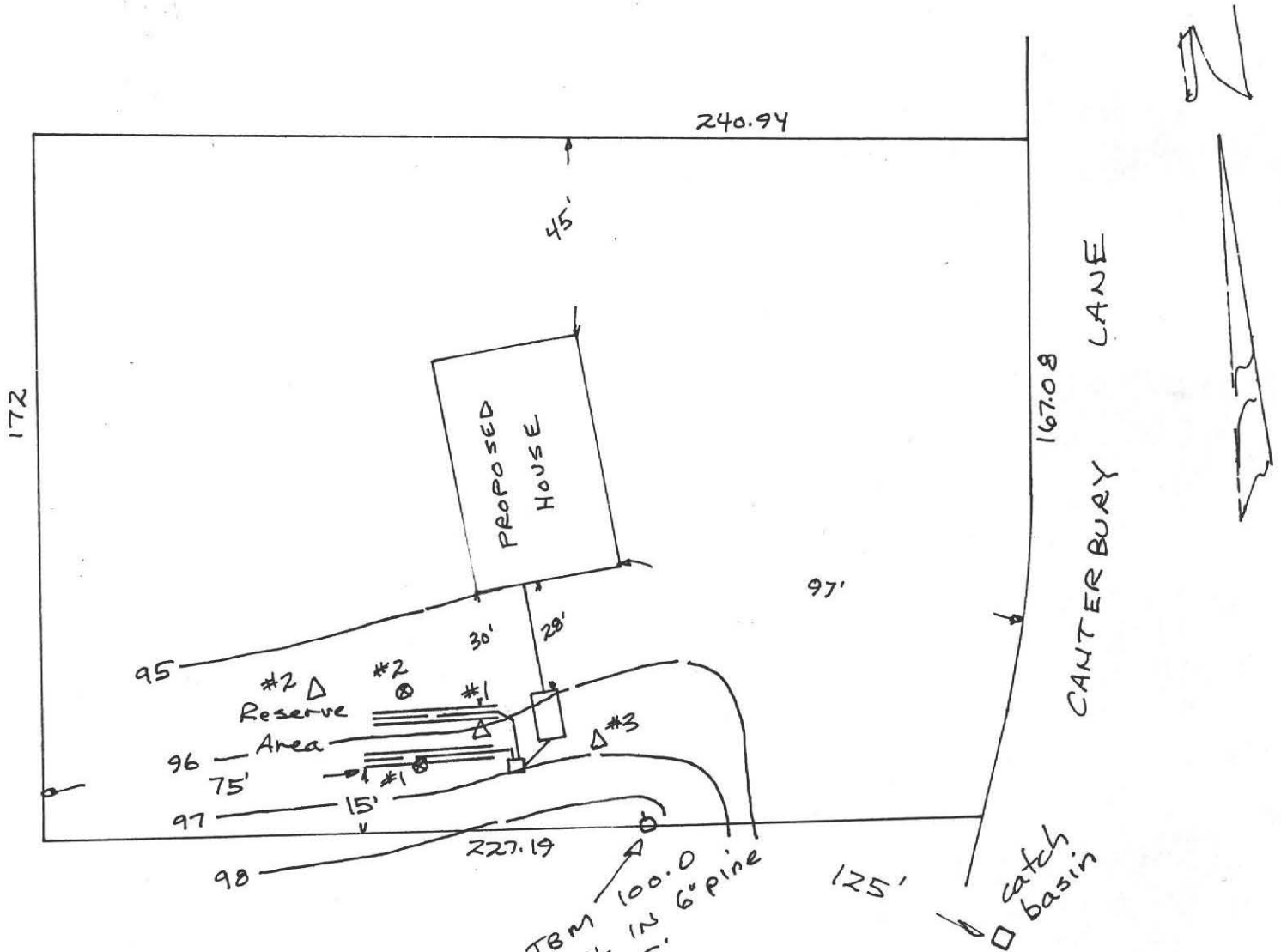
DATE 4/19/89 LOCATION Bay Road LOT SIZE Lot 9
 OWNER Ron / A Verdier ADDRESS 148 Wild Flower Dr TELE # 256-8285
 P.E./RS Robert Sower FIRM Filio's ENT OBSERVED BY David Zambelli
 BACK HOE OPERATOR SOONEY'S BENCH MARK _____
 PERC DEPTH 53" PRE SOAK TIME 10:12 PERC DEPTH 60" PRE SOAK TIME 10:30
 TEST CANT HOLD WATER CANT HOLD
 RATE (2) RATE (2)

#1	#2
TOP 3	TOP 4
SUB 15	SUB 15
STRATIFIED SAND SOME GRAVEL	SOME A1
DRY 12'	12'
#3	
TOP 5	TOP
SUB 13	SUB
FINE SAND 8'	
MED SAND (FIRM) 12'	
TOP	TOP
SUB	SUB





Scale 1" = 40'
 TOWN WATER



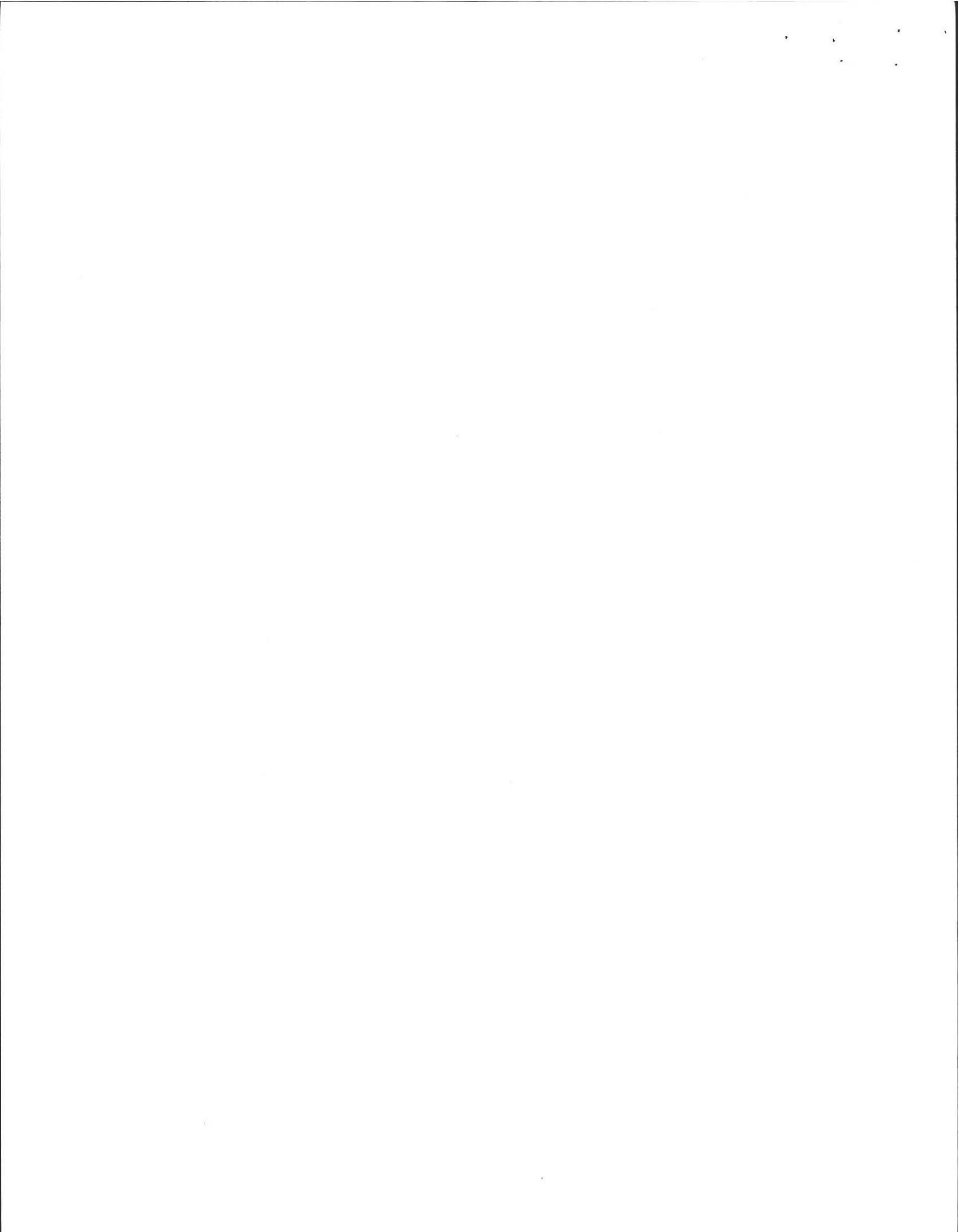
NO WETLANDS OBSERVED
 WITHIN 200'

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

- LEGEND**
- △ - Deep Hole
 - ⊗ - Perc Test
 - - 'D' BOX
 - ▭ - 1000 GAL. Septic Tank
 - EXISTING CONTOURS

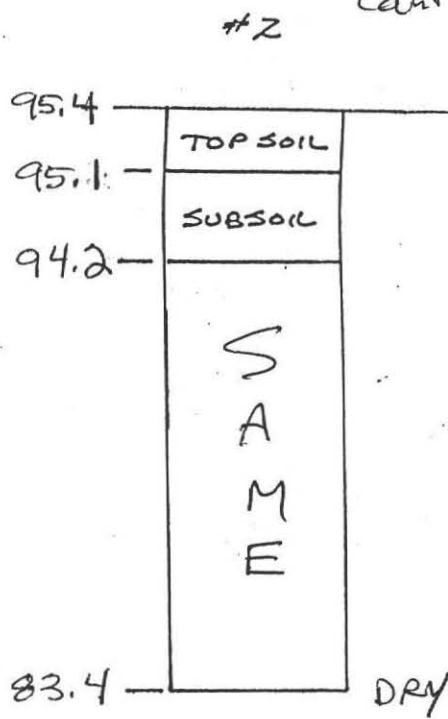
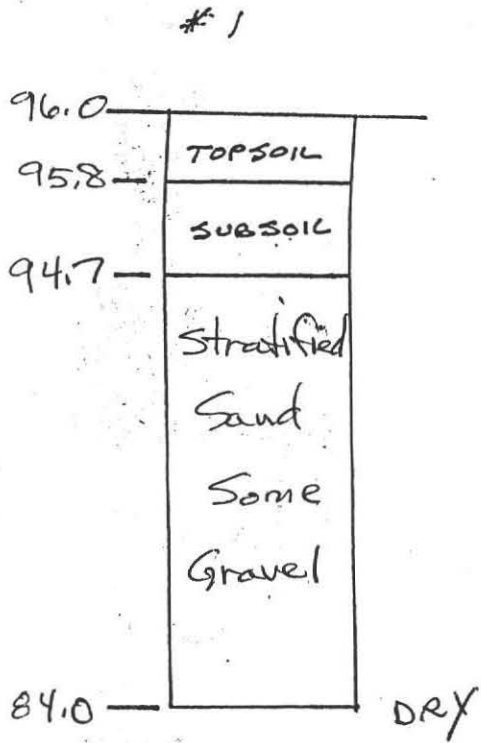


Robert Francis Sheehan
 Design by Lewis & Cook
 Surveyors, Inc.



DEEP TEST HOLES

LOT 9 Pg. 3
 Canterbury Lane



CALCULATIONS

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

$35' \times 3' \times 2 \text{ lines} = 210.0 \text{ sq. ft.} \times 1.0 \text{ gal./sq. ft.} = 210.0 \text{ GAL.}$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

2.0 min/in = 2.5 gal./sq. ft.

$35' \times 1' \times 2 \text{ sides} \times 2 \text{ lines} = 140.0 \text{ sq. ft.}$

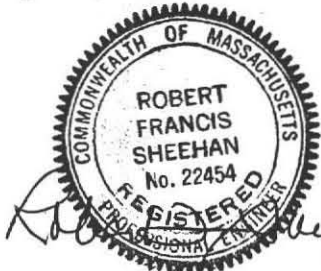
$3' \times 1' \times 2 \text{ ends} \times 2 \text{ lines} = 12.0 \text{ sq. ft.}$

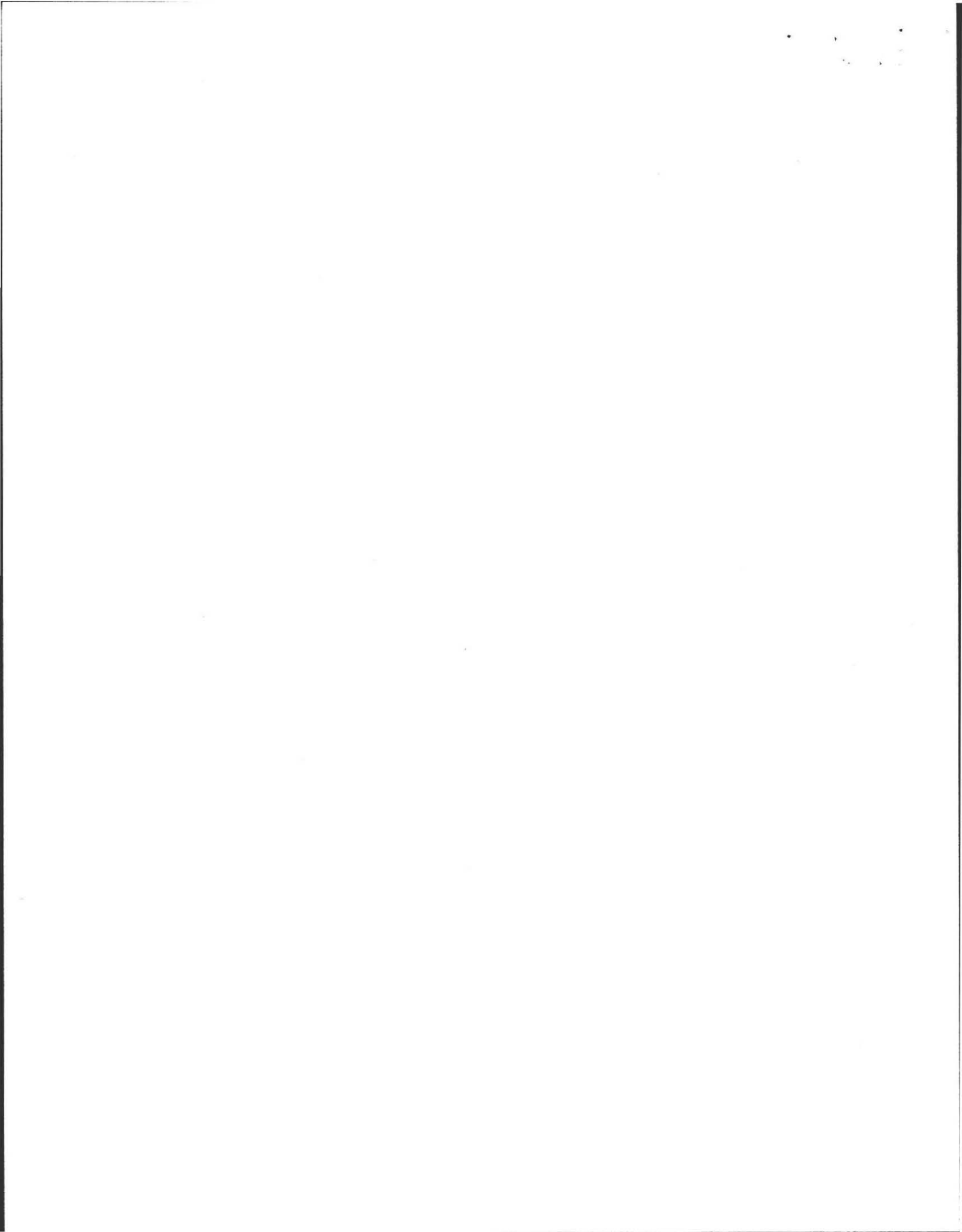
$152.0 \text{ sq. ft.} \times 2.5 \text{ gal./sq. ft.} = 380.0 \text{ GAL}$

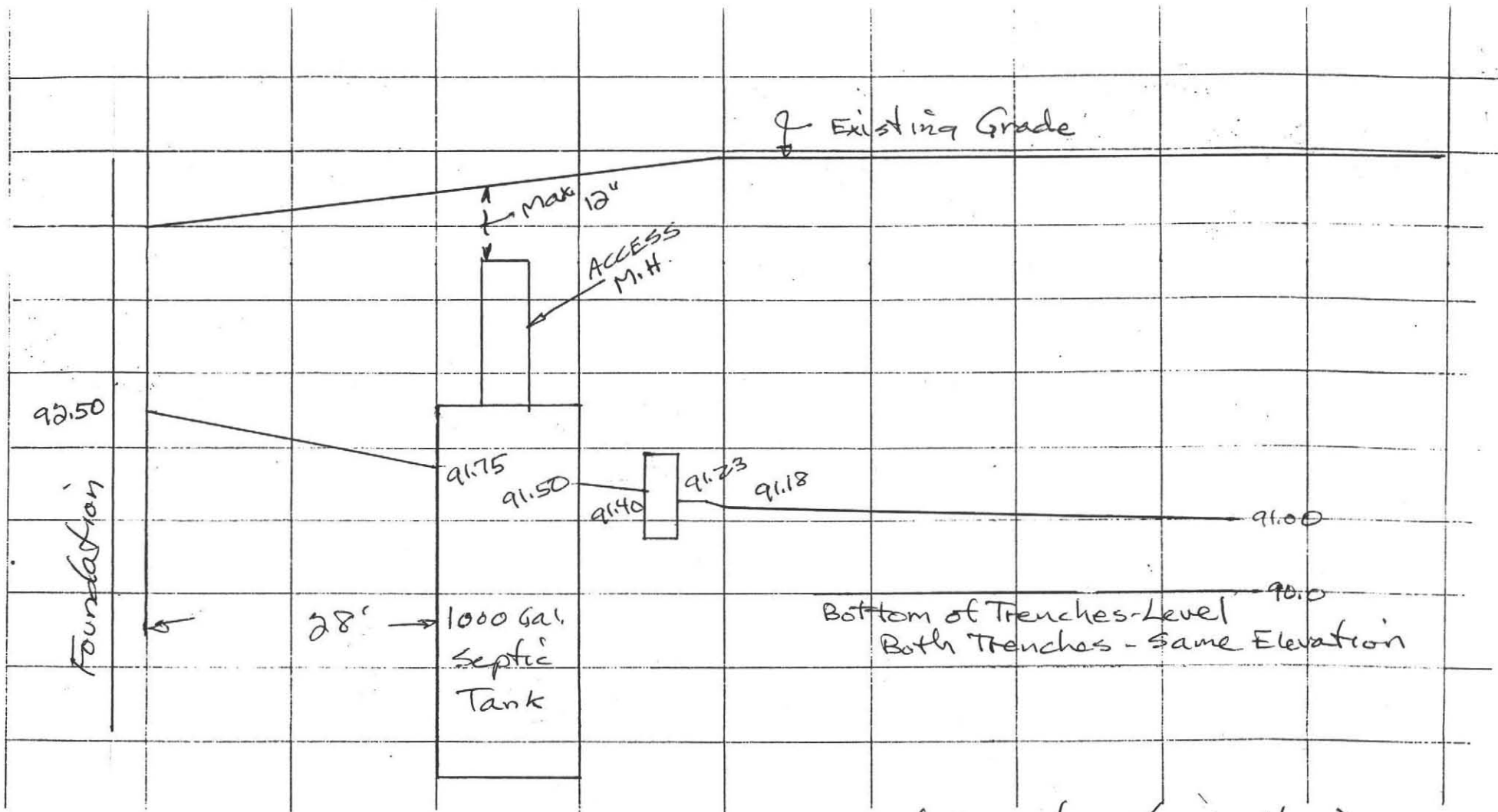
590.0 GAL.

AVAILABLE

550 GAL REQUIRED







NOTES:

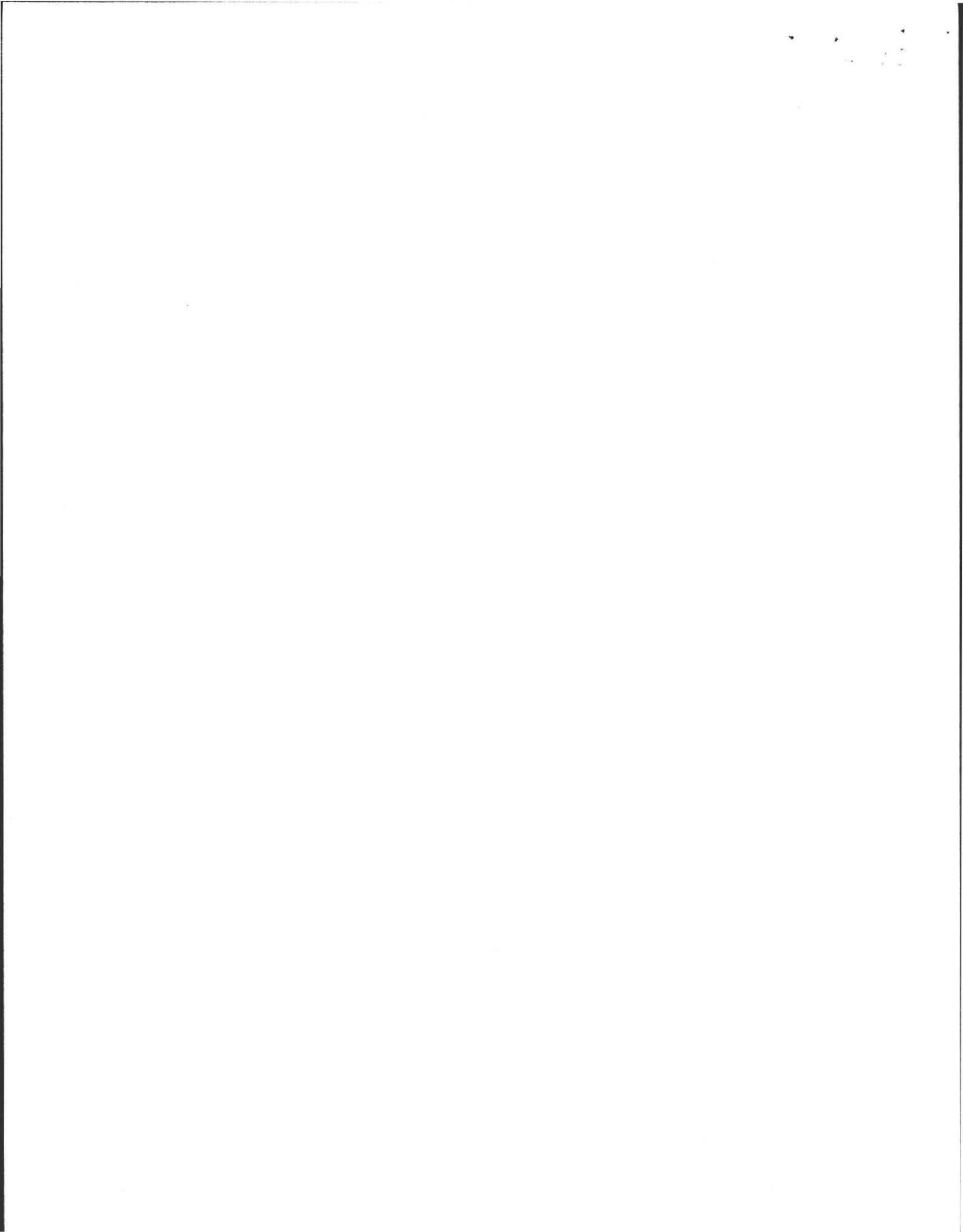
1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6; 8,9 TITLE 5)
2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10:4 TITLE 5)
3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE BOTTOM OF PIPE)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

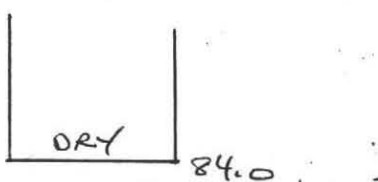
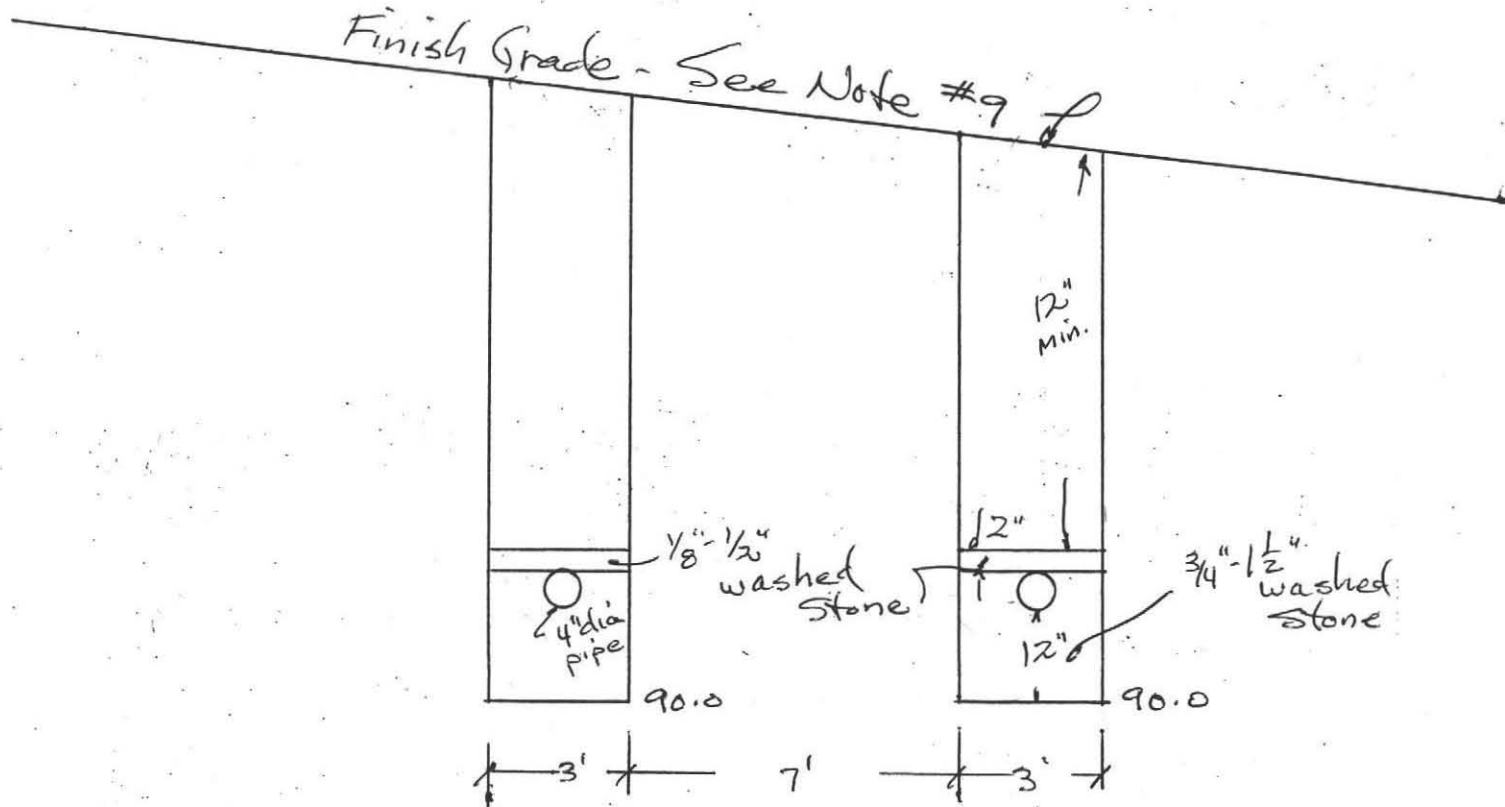
PROFILE OF SYSTEM

SCALE HORIZ. 1" = 10'
 VERT. 1" = 2'



Lot 9
 Pg. 4
 Canterbury Lane





- NOTES:
8. ALL LOAM, SUBSOIL, AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 10 FT. 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.
 10. FILL SHALL HAVE PERC RATE OF 2.0 min/in. BEFORE AND AFTER PLACEMENT.

CROSSSECTION OF SYSTEM
NO SCALE



Lot 9
 Canterbury Lane
 Pg. 5

