



18 Canterbury
LEWIS & COOK SURVEYORS, INC.

DEC 13 1994

P. O. BOX 1196
BELCHERTOWN, MASSACHUSETTS 01007

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

RICHARD L. COOK
TREASURER
413-283-7238

December 6, 1994

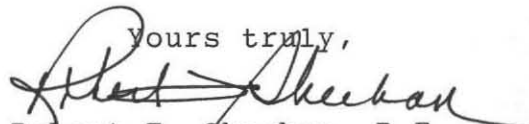
Board of Health
David Zarozinski
Boltwood Walk
Amherst, Mass. 01002

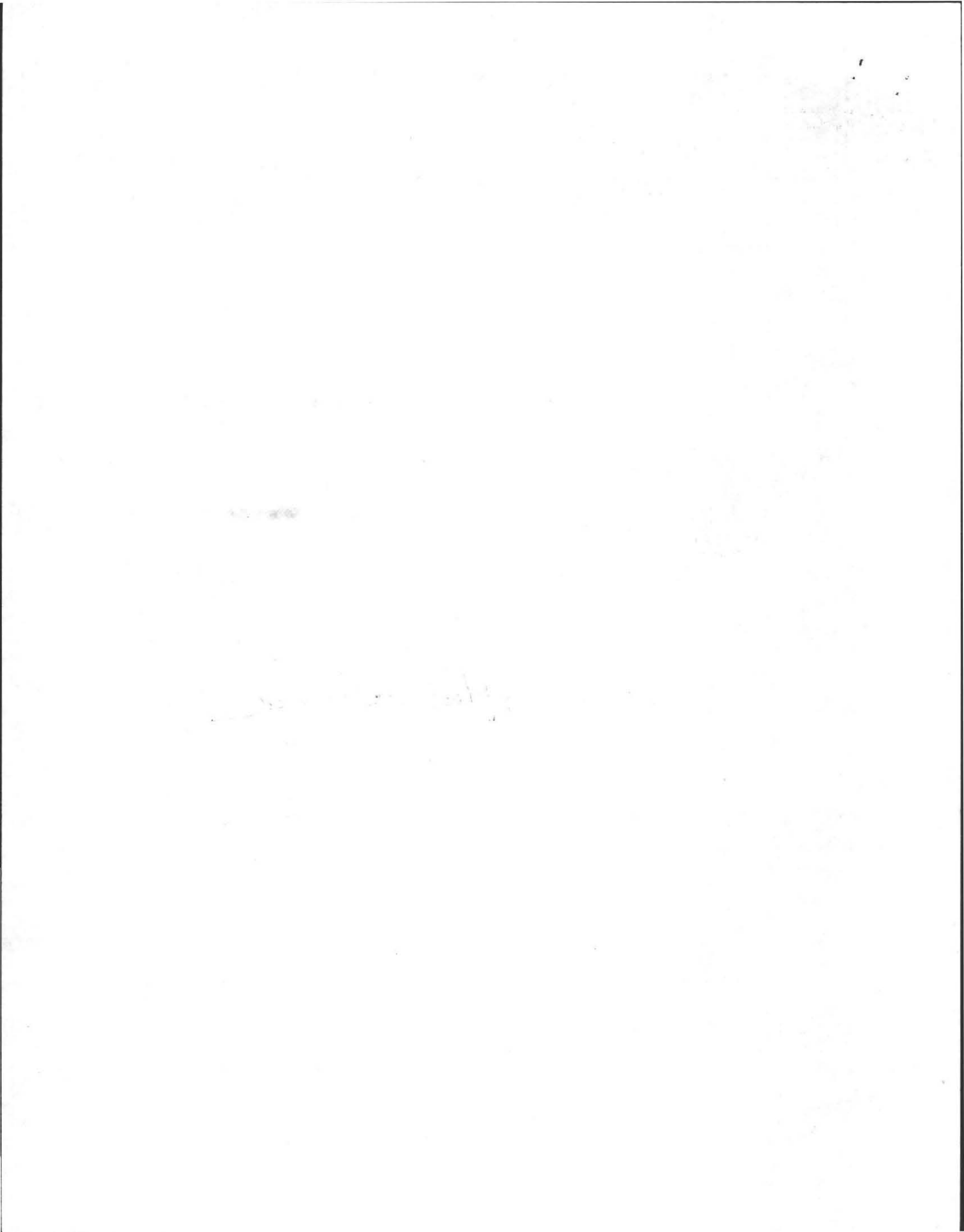
Dear David,

I have inspected the subsurface sewage disposal system on Lot 5, Canterbury Lane on December 2, 1994 for Ron Laverdiere, Contractor Bill Peeco. See as built.

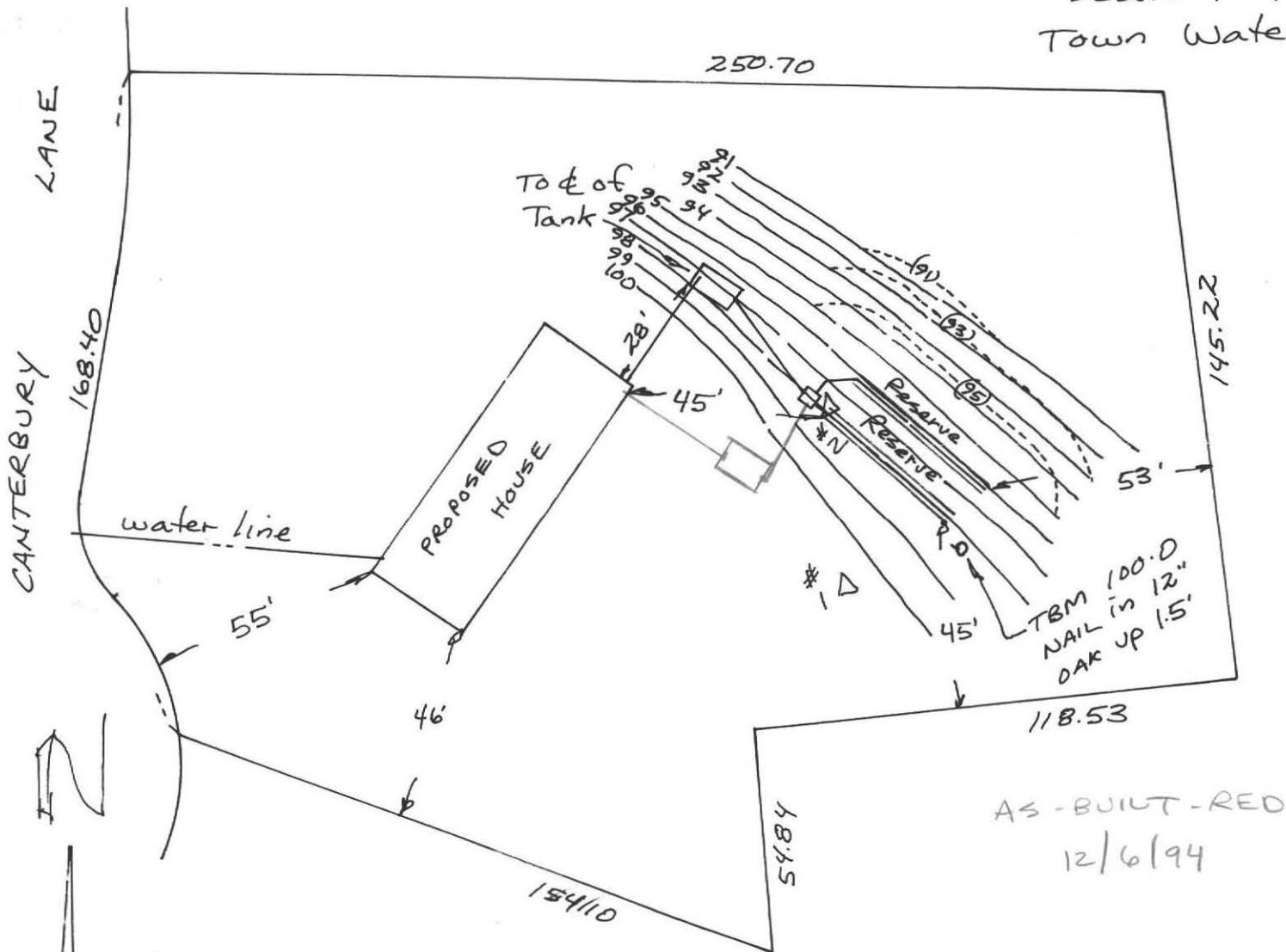
I have found the system substantially constructed as designed.

Yours truly,


Robert F. Sheehan, P.E.



Lot 5 Pg. 2
 Canterbury Lane
 Scale 1"=40'
 Town Water



ALL LOAM, SUBSOIL & TREES TO BE REMOVED WITHIN 10' OF SYSTEM AND AREA OF FILL

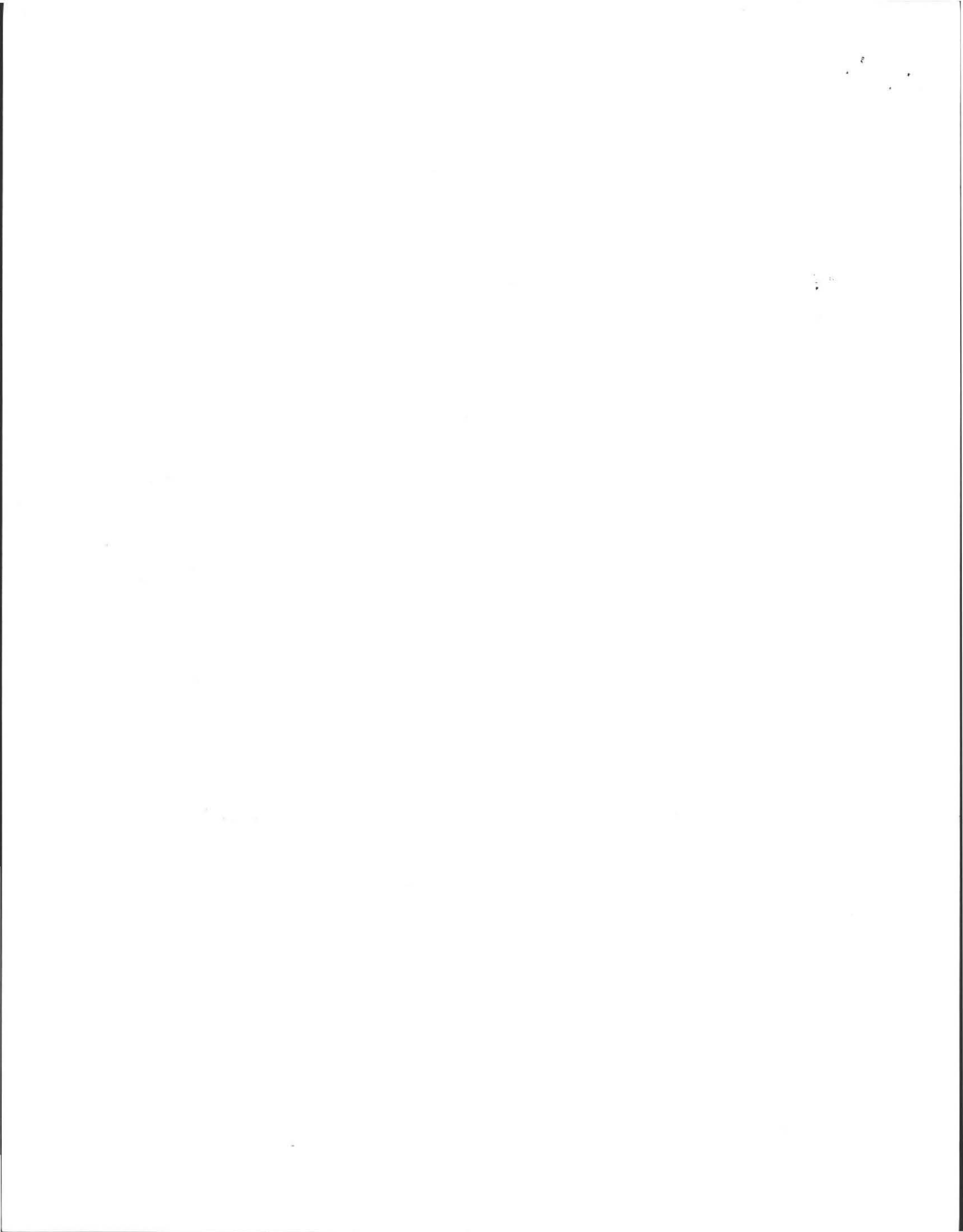
NO WETLAND OR WELLS OBSERVED WITHIN 200' OF SYSTEM.

Design by Lewis & Cook Surveyors, Inc.

LEGEND

- △ - Deep Hole
- - 'D' Box
- - 1500 GAL. Septic Tank
- Existing Contours
- - - Proposed Contours





No. 94-4

FEE 60 plus
PL 5/17/94
dk #887
Ron Laverdine

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:

18 Canterbury Lane Lot 5
Ronald Laverdine 259-1765 RR 2 Pelham Hill Rd Amherst
Bill Reese
Owner Address
Installer Address

Type of Building Dwelling No. of Bedrooms 4 Expansion Attic () Garbage Grinder YES
Other - Type of Building No. of persons 3 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 62" Diameter Depth 48"
Disposal Trench - No. 2 Width 36" Total Length 20' Total leaching area 290 sq. ft.
Seepage Pit No. N/A Diameter Depth below inlet 18" Total leaching area 258 sq. ft.

Other Distribution box (yes) Dosing tank ()
Percolation Test Results Performed by Filio's Enterprises, Inc. Date April 18, 1994
Test Pit No. 1 2.0 minutes per inch Depth of Test Pit 48" Depth to ground water below 11"
Test Pit No. 2 2.0 minutes per inch Depth of Test Pit 60" Depth to ground water

Description of Soil See Attached Sheets

Nature of Repairs or Alterations - Answer when applicable.

Agreement:

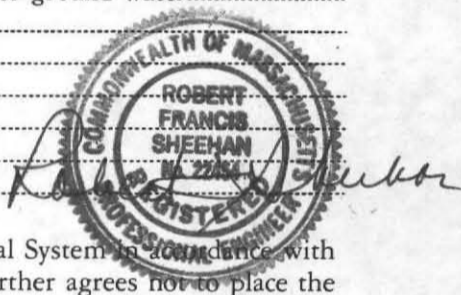
The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Environmental Code - The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by the board of health.

Signed Ronald Laverdine 5/17/94
Date

Application Approved By Dave Zaroginski for A.P.D. Dept. 5/17/94
Date

Application Disapproved for the following reasons:

Permit No. 94-4 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 (X) or Repaired () by Bill Reese

at Lot #5 Canterbury house
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. 94-4 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

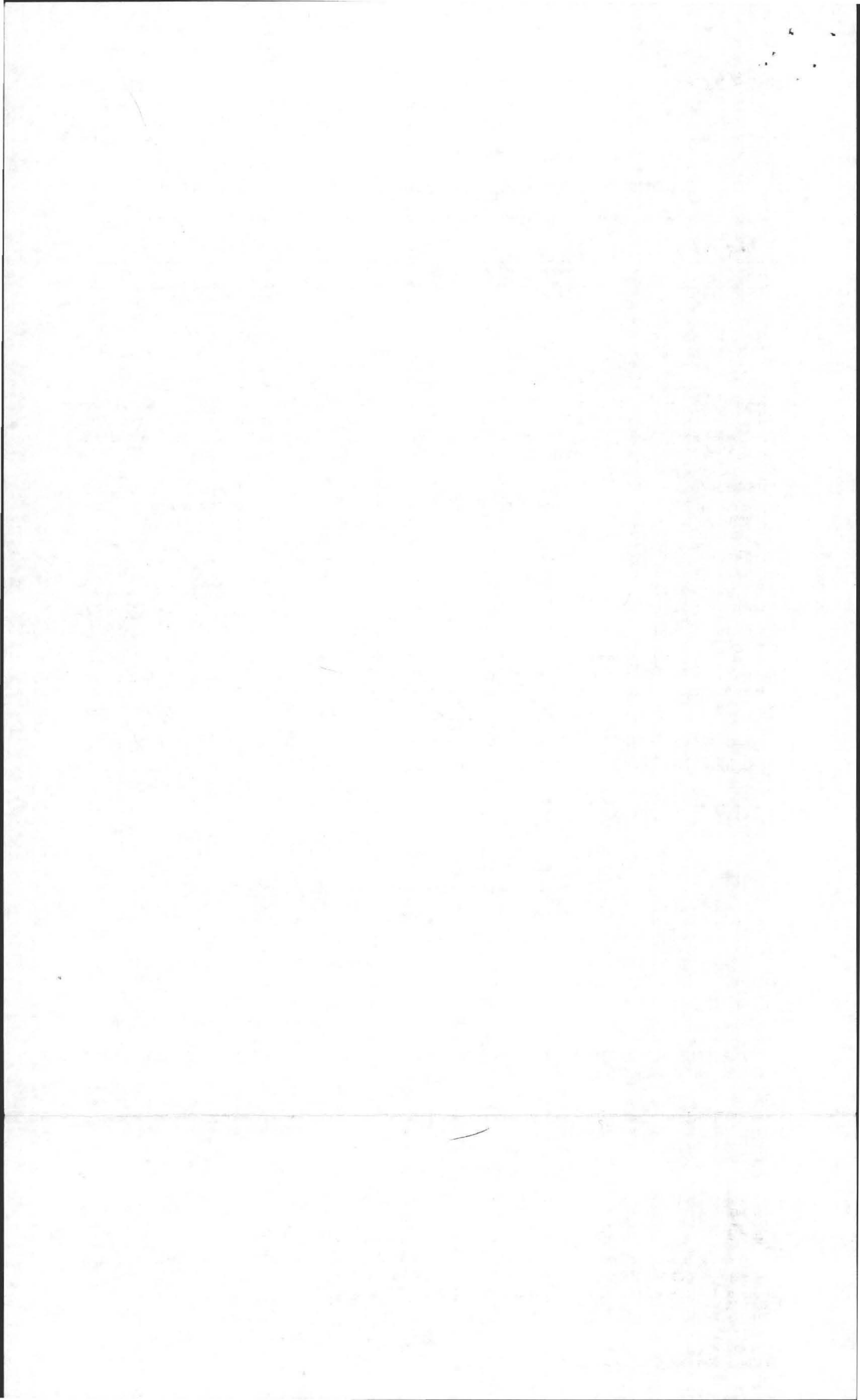
Permission is hereby granted Ronald Laverdine
to Construct (X) or Repair () an Individual Sewage Disposal System
at No. Lot #5 Canterbury

as shown on the application for Disposal Works Construction Permit No. 94-4 Dated 5/17/94

DATE 5/17/94 Board of Health

FEE 60 plus
dk #887
5/17/94

CHECK OR FILL IN WHERE APPLICABLE



TOWN OF AMHERST

PERC TEST DATA SHEET

EATON LOT #10

DATE 4/18/09 LOCATION BAY ROAD LOT SIZE LOT # 5

OWNER RON LAVERDIERE ADDRESS 148 W. 16th Ave Dr TELE # 256-8285

P.E./RS Robert Stover FIRM FILIOS ENT. OBSERVED BY DAVID ZAMONDI

BACK HOE OPERATOR STONEY'S BENCH MARK _____

PERC DEPTH 48" PRE SOAK TIME 12:55 PERC DEPTH 60" PRE SOAK TIME 1:43

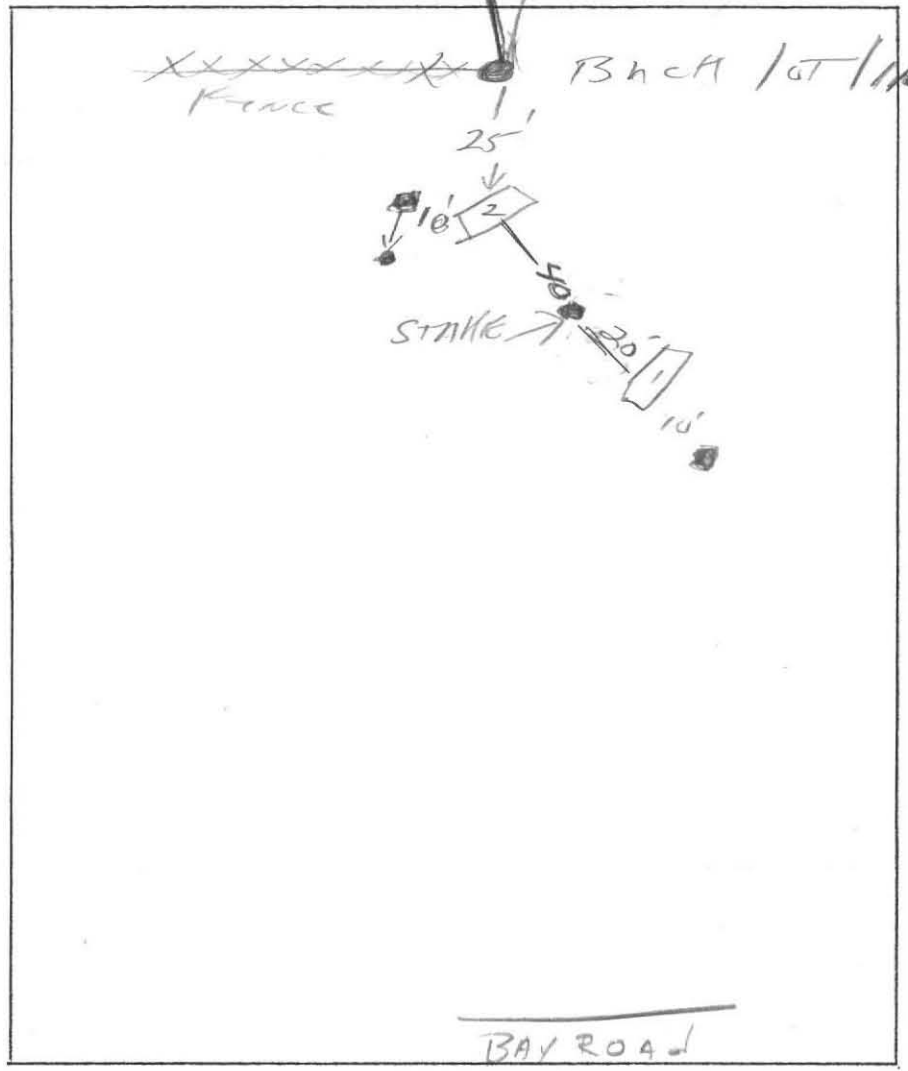
TEST	<u>12" 11:10</u>	<u>6" 11:15:30</u>	
	<u>9" 1:12</u>	<u>7"</u>	<i>can't hold</i>
	<u>8" 1:12⁴⁵</u>	<u>6"</u>	
	<u>9" 1:13³⁰</u>		

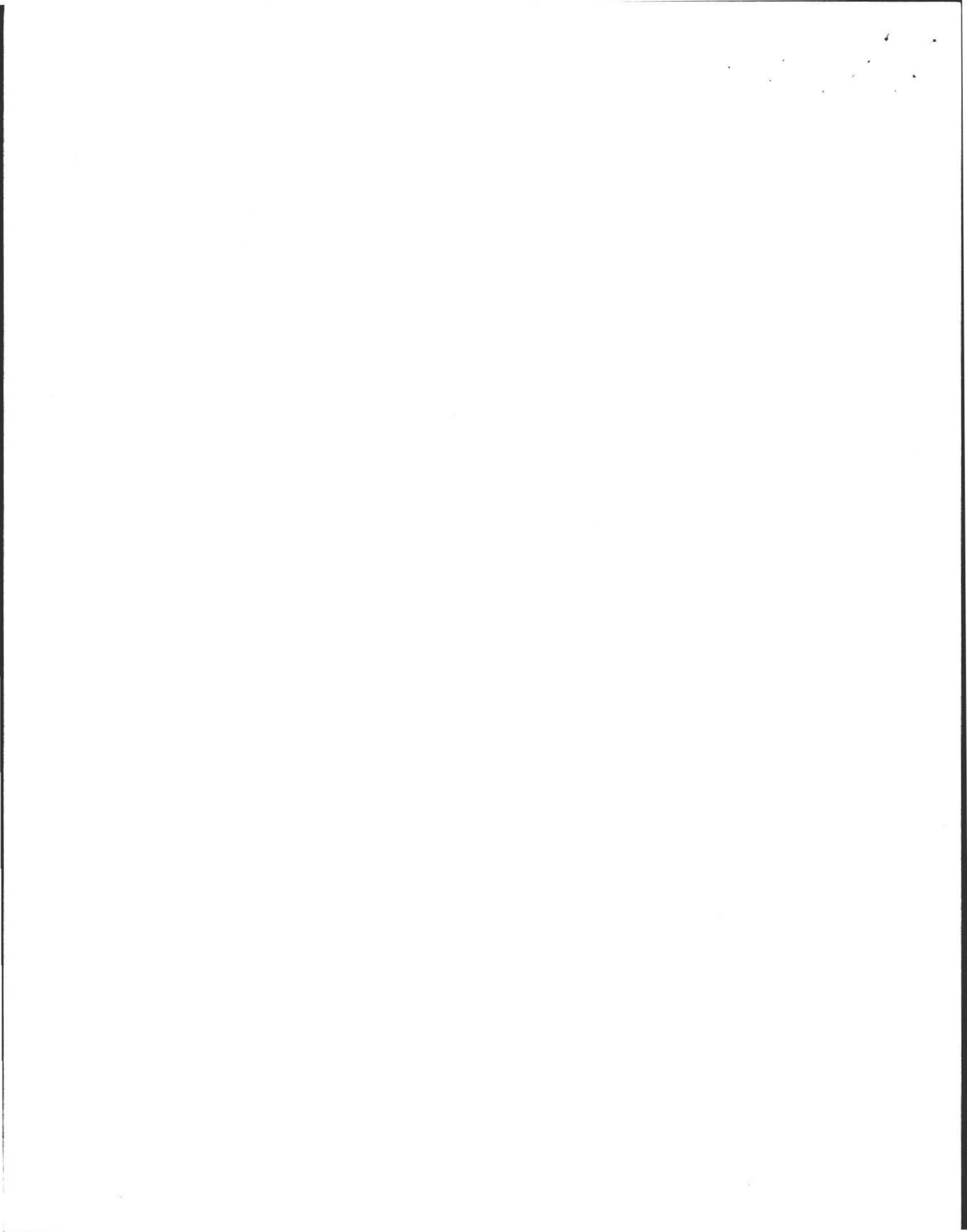
RATE (2) RATE (2)

#1	#2
TOP <u>8"</u>	TOP <u>8"</u>
SUB <u>24"</u>	SUB <u>24"</u>
<i>STRATIFIED SANDS FINE TO COARSE #1</i>	<i>SAME AS #1 DRY #1</i>

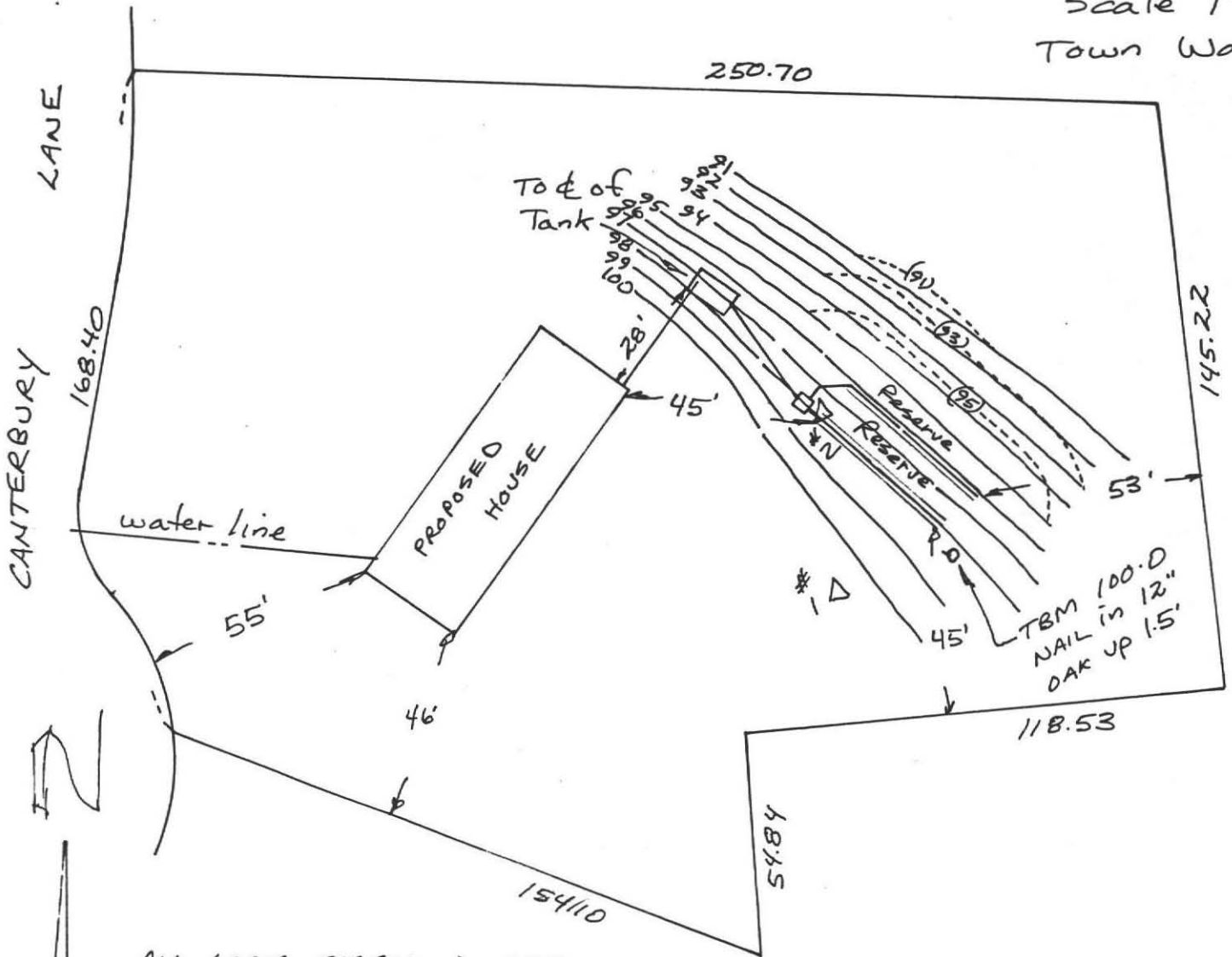
TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB





Lot 5 Pg. 2
 Canterbury Lane
 Scale 1"=40'
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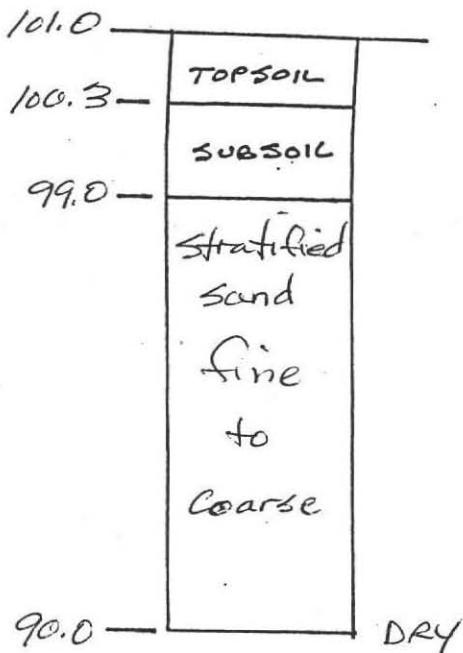


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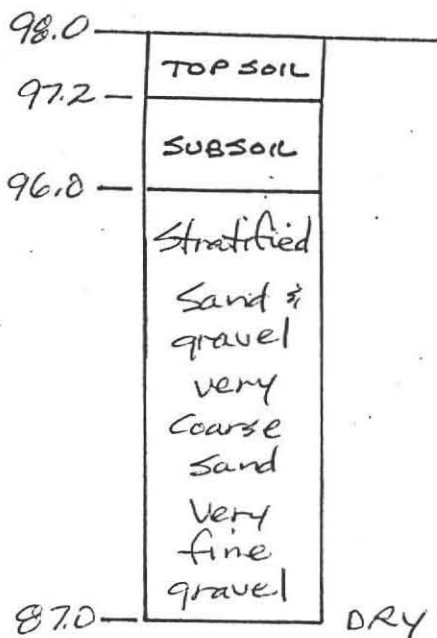
DEEP TEST HOLES

LOT 5 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)

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

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

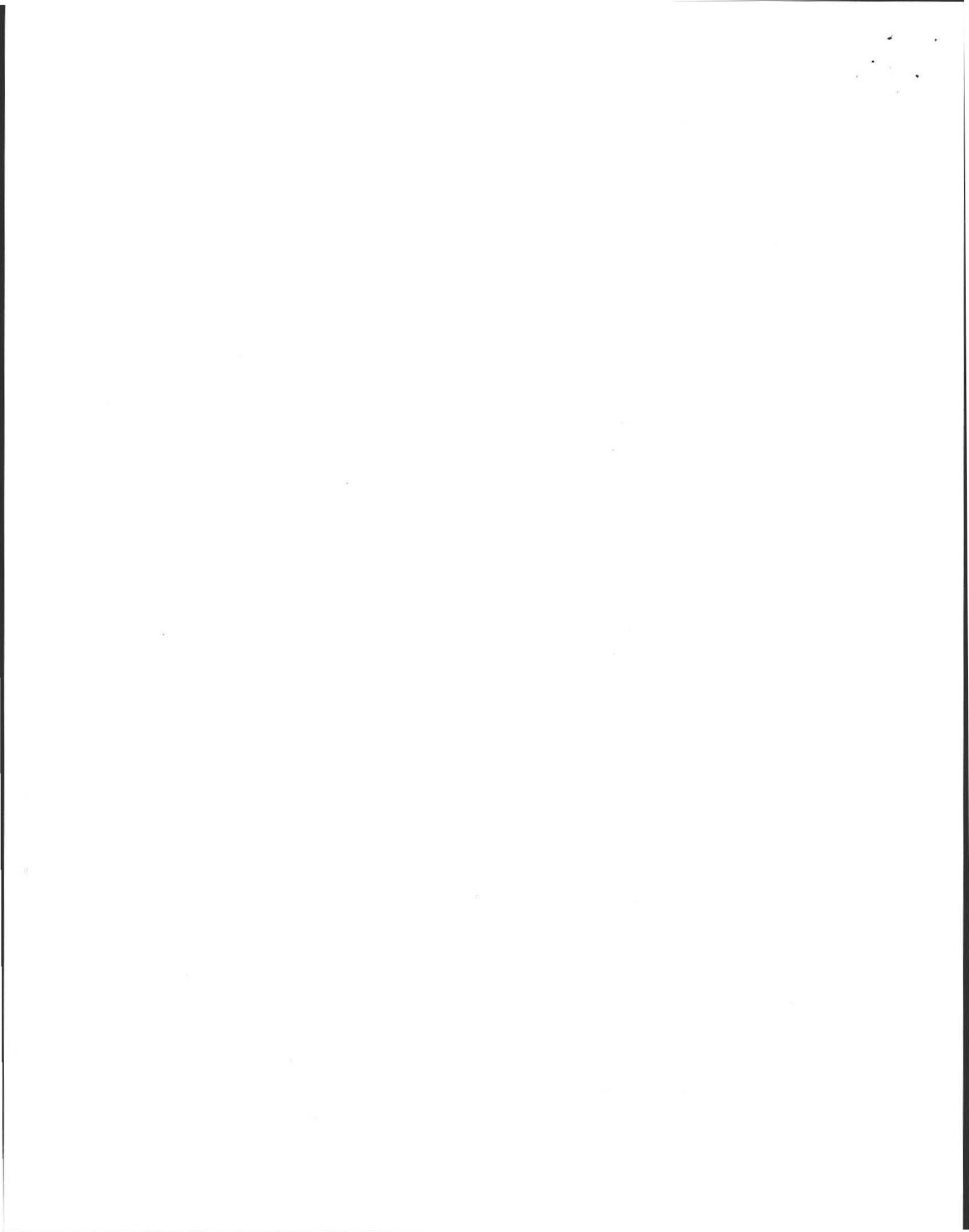
$258 \text{ sq. ft.} \times 2.5 \text{ gal./sq. ft.} = 645 \text{ GAL.}$

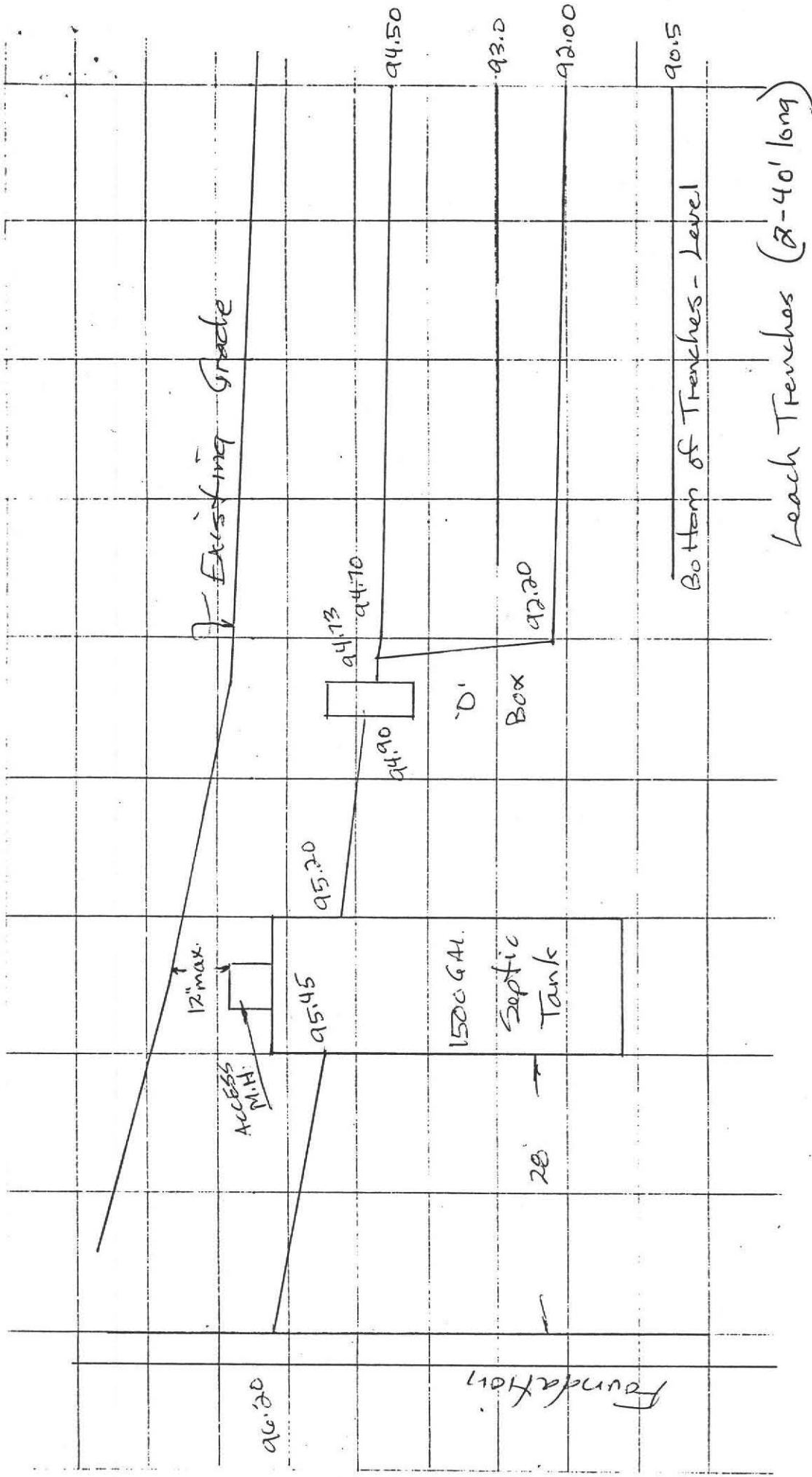
885 GAL.

✓ AVAILABLE

825 GAL. REQUIRED







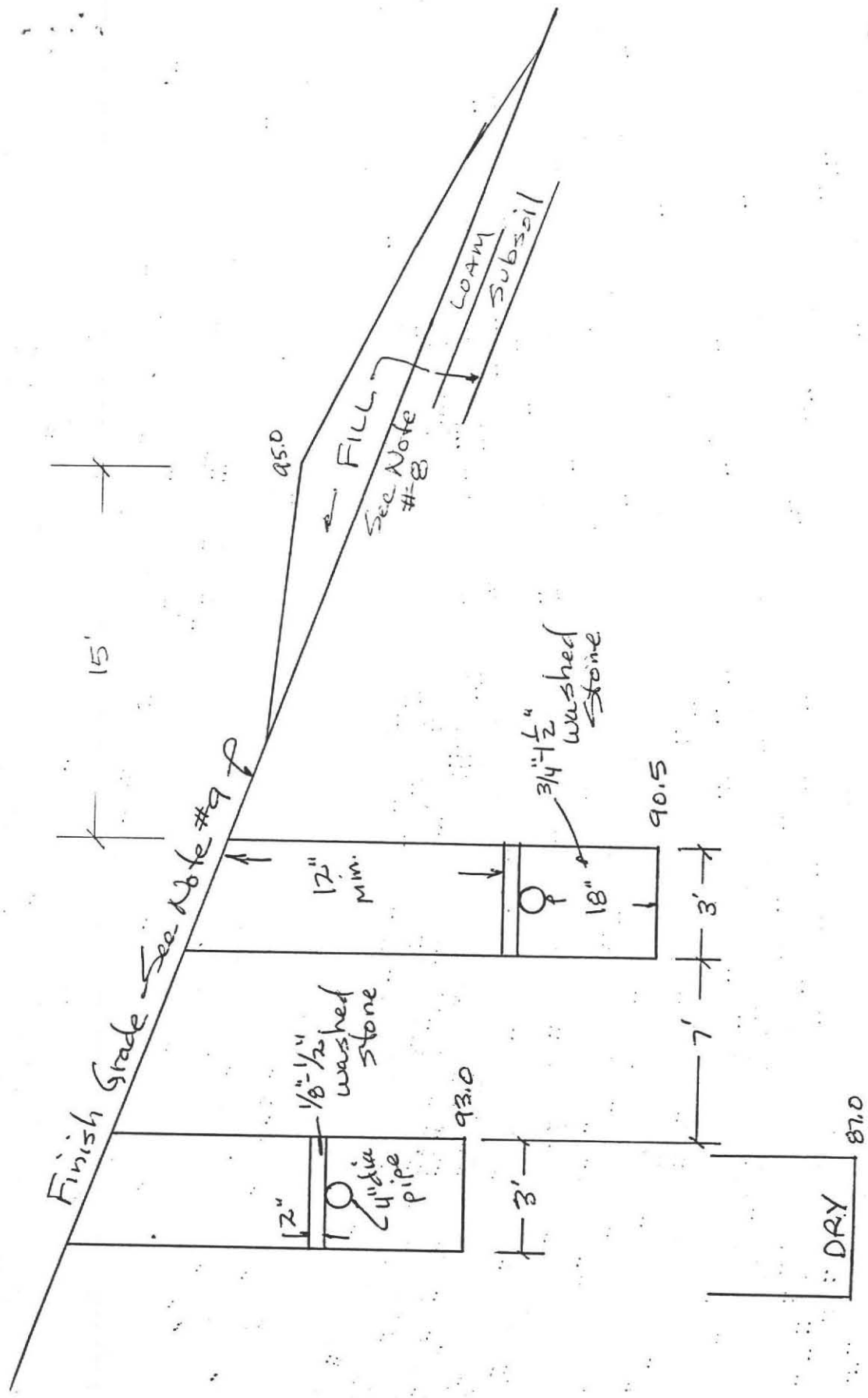
- NOTES:
1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6: 8, 9 TITLE 5)
 2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10: 4 TITLE 5)
 3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
 4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
 5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE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

PROFILE OF SYSTEM
 SCALE HORZ. 1" = 10'
 VERT. 1" = 2'



Foundation

10



NOTES: Deep Hole #2

- 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 3% 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



