

#12
Ron VanVendian
FEE 60
Plans
CR# 1324

No. 94-27

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:

12 Canterbury Lane Lot 4
Ronald Laverdiere 253-3496 RR2 Pelham Hill Rd Amherst
1311 Pease
Owner Address
Installer Address

Type of Building Dwelling * No. of Bedrooms 4 Expansion Attic () Garbage Grinder (YES)
Other - Type of Building No. of persons 8 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. 3 Width 36" Total Length 150' Total leaching area 450 sq. ft.
Seepage Pit No. N/A Diameter Depth below inlet 9" Total leaching area 238.5 sq. ft.

Other Distribution box (YES) Dosing tank ()
Percolation Test Results Performed by Filios Enterprises, Inc. Date April 19, 1989
Test Pit No. 1 4.0 minutes per inch Depth of Test Pit 64" Depth to ground water below 12 ft.
Test Pit No. 2 2.0 minutes per inch Depth of Test Pit 42" Depth to ground water

Description of Soil See Attached sheets

Nature of Repairs or Alterations - Answer when applicable.

Agreement: Insa 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
Application Approved By Dave Zarozinski for Amherst Health 12/20/94
Application Disapproved for the following reasons:

Permit No. 94-27 Issued 12/20/94



CHECK OR FILL IN WHERE APPLICABLE

Rd Lewis 4/3/95

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Certificate of Compliance

William Ken 4/3/95

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired () by Bill Pease

at Lot 24 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. 94-27 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. 94-27

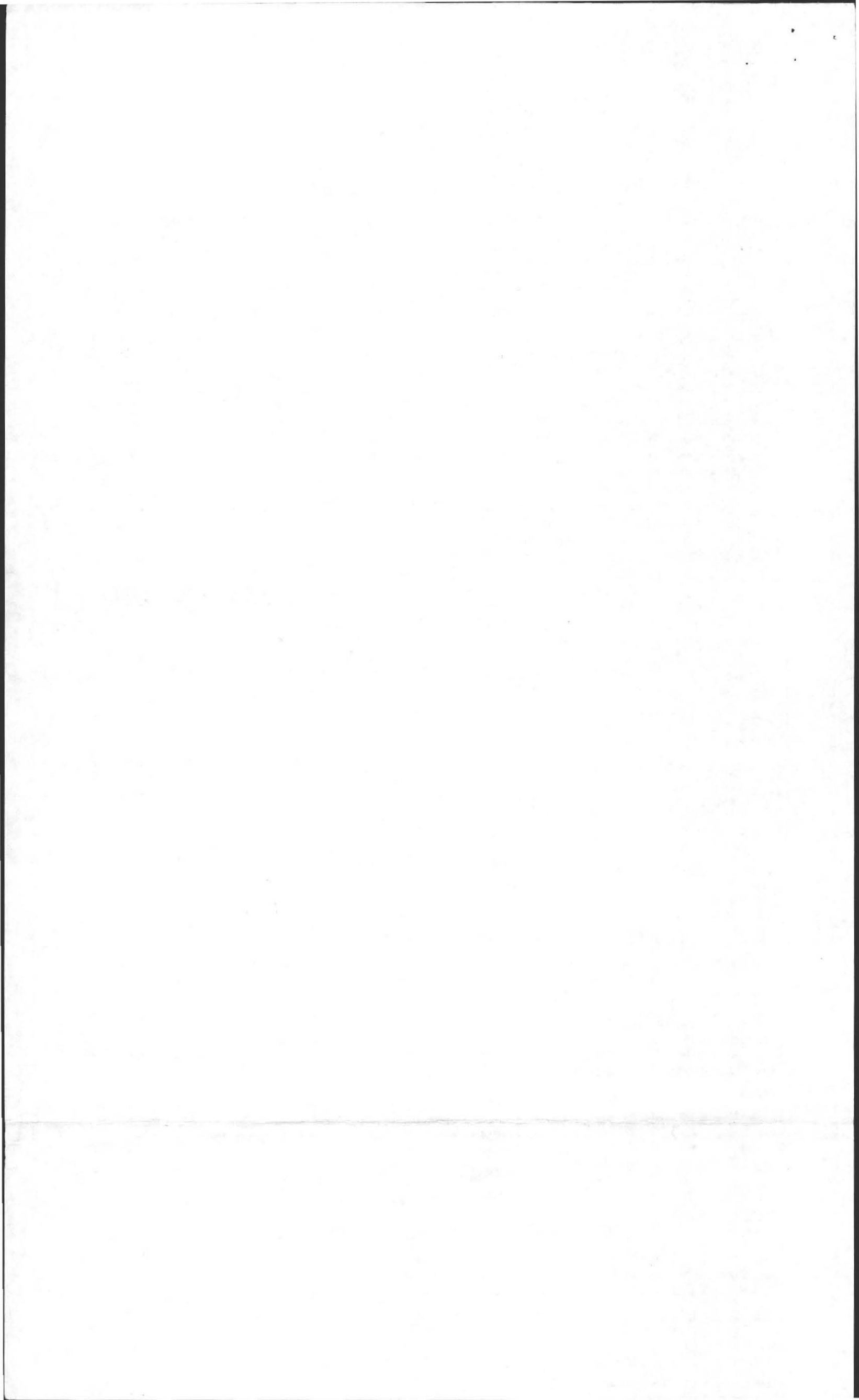
FEE 60

Disposal Works Construction Permit

Permission is hereby granted to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 24 Canterbury Lane

as shown on the application for Disposal Works Construction Permit No. 94-27 Dated

DATE 12/20/94 Board of Health



TOWN OF AMHERST

EATON
LOT
11

PERC TEST DATA SHEET

DATE 4/18/89 LOCATION BAY ROAD LOT SIZE LOT #4

OWNER RON LAVERDIERE ADDRESS 148 Wildflower Dr TELE # 286-8285

P.E./RS Bill Tylor FIRM Filius ENT OBSERVED BY D. Zaramski

BACK HOE OPERATOR STONEY'S BENCH MARK _____

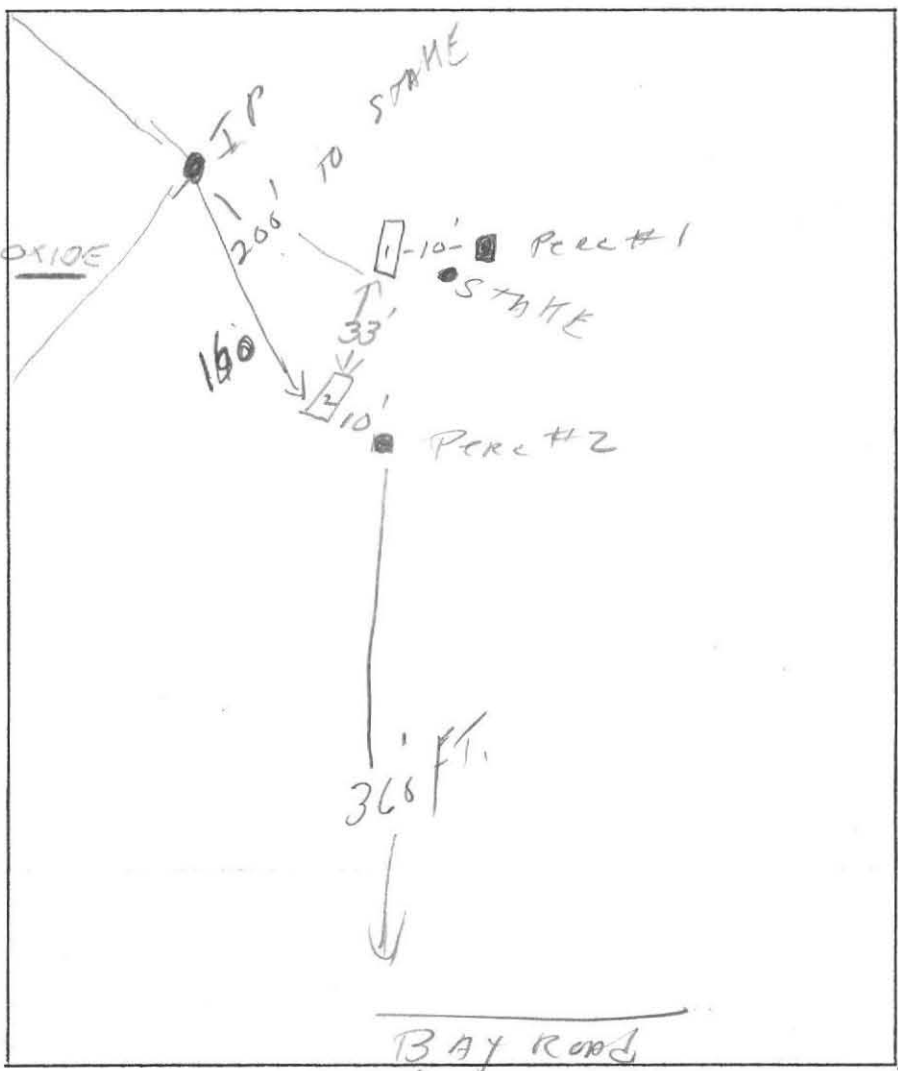
PERC DEPTH 64 PRE SOAK TIME 11:20 PERC DEPTH 42 PRE SOAK TIME _____

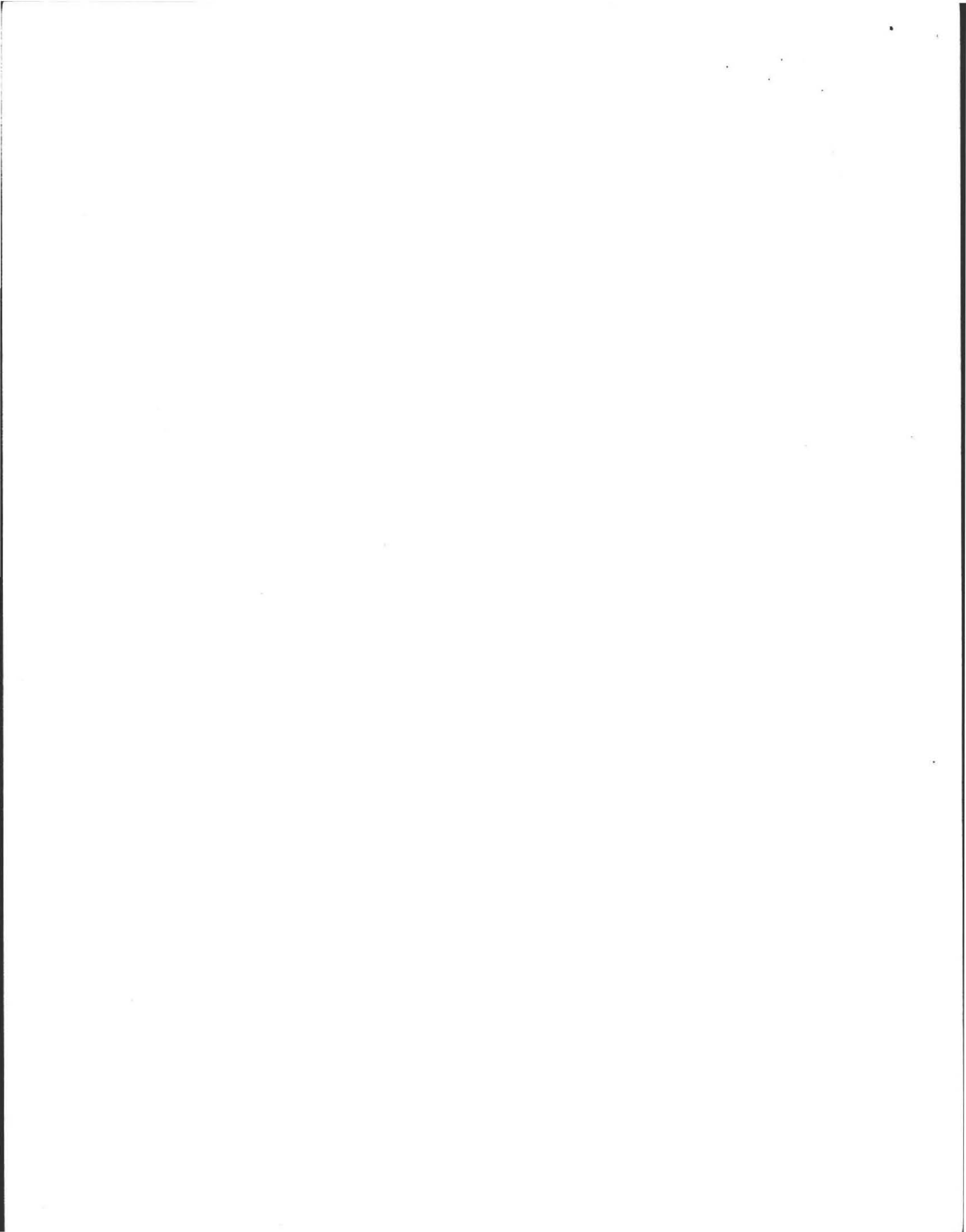
TEST	DEPTH	TIME	TEST	DEPTH	TIME
	12"	11:36		8"	11:44
	11"	11:37		7"	11:47
	10"	11:39		6"	11:51
	9"	11:41			

CANT HOLD

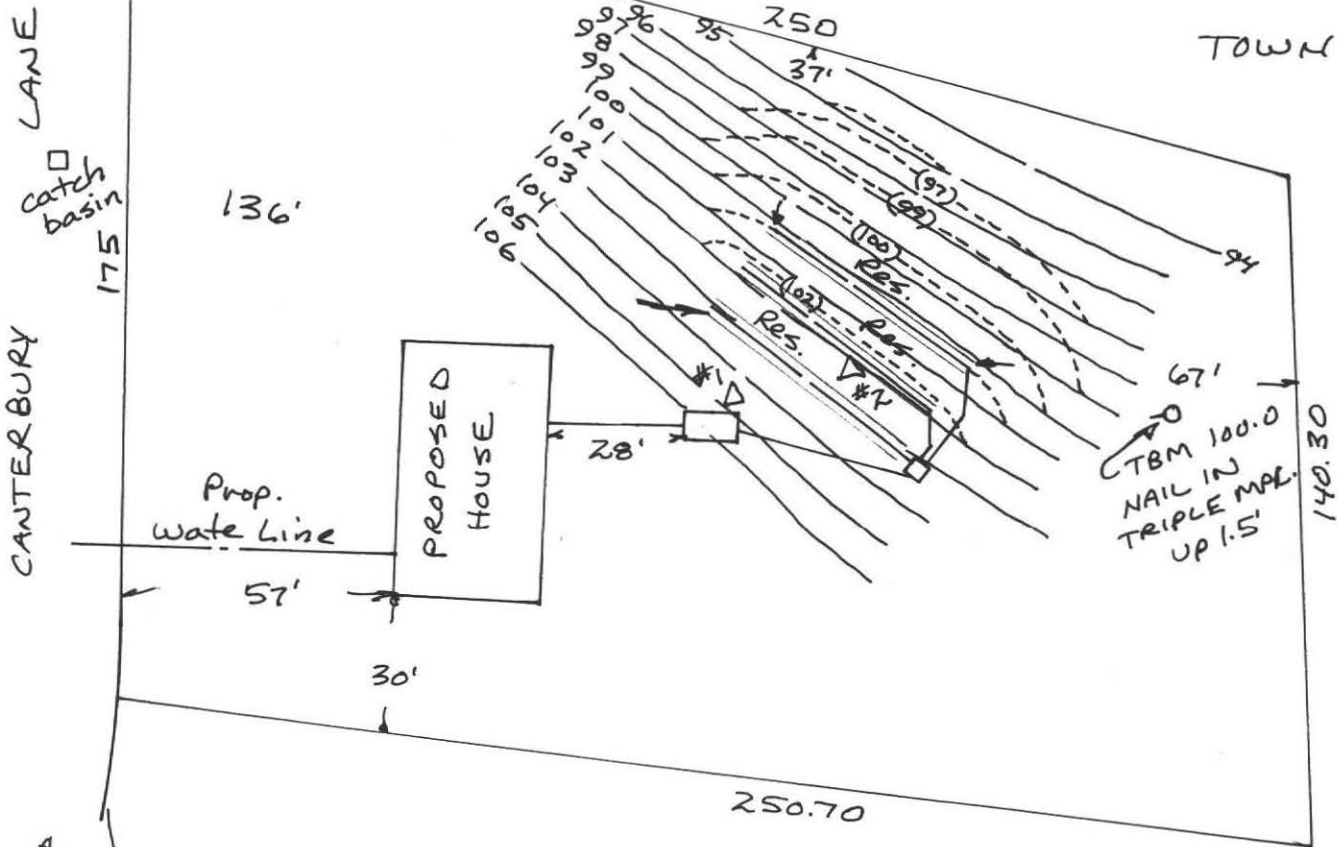
RATE (4) RATE (2)

# 1		# 2	
TOP 7"		TOP 7	
SUB 7"		SUB 7	
COARSE SAND + GRAVEL 50"		MED SAND	
FIRM SAND 65"		FIN SAND 105"	
FINE SAND, DRY 11"		DRY SAND 12'	
TOP		TOP	
SUB		SUB	
TOP		TOP	
SUB		SUB	





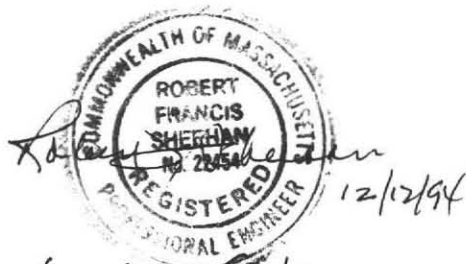
Lot 4 pg. 2
 Canterbury Lane
 Scale 1"=40'
 Dec. 10, 1994
 TOWN WATER



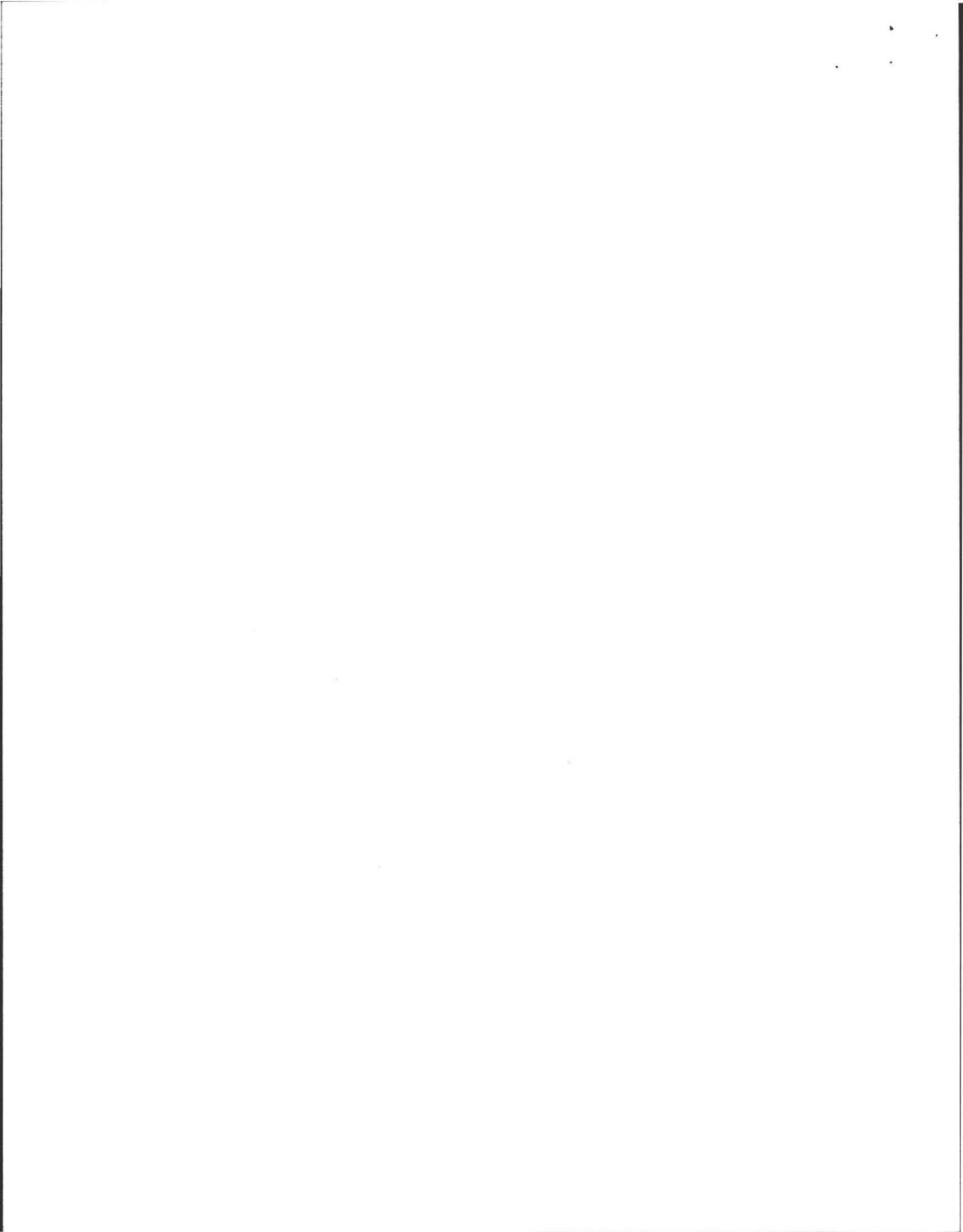
ALL LOAM, SUBSOIL & TREES
 TO BE REMOVED WITHIN 10'
 OF SYSTEM.
 NO WELLS OR WETLANDS
 OBSERVED WITHIN 200'
 OF SYSTEM.

LEGEND

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



Design by Lewis & Cook
 Surveyors, Inc.

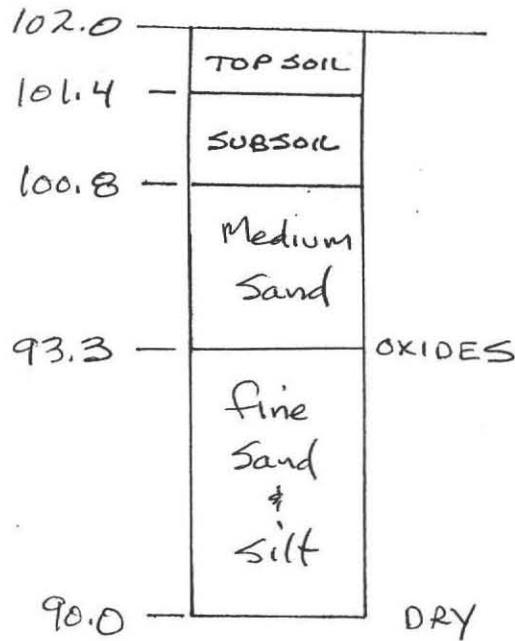
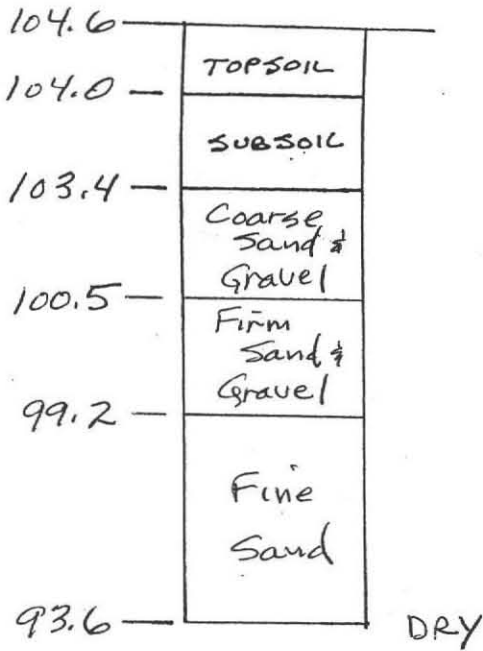


DEEP TEST HOLES

LOT 4 Pg. 3
Canterbury Lane

#1

#2



CALCULATIONS

BOTTOM AREA (NOT ALLOWED OVER 20.0 mm/in) 4.0 min./in = 0.83 gal./sq.ft.
 $50' \times 3' \times 3 \text{ lines} = 450 \text{ sq. ft.} \times 0.83 \text{ gal./sq. ft.} = 373.5 \text{ GAL.}$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

$50' \times 3/4' \times 2 \text{ sides} \times 3 \text{ lines} = 225 \text{ sq. ft.}$
 $3' \times 3/4' \times 2 \text{ ends} \times 3 \text{ lines} = 13.5 \text{ sq. ft.}$
 $238.5 \text{ sq. ft.} \times 2.0 \text{ gal./sq. ft.} = 477.0 \text{ GAL.}$

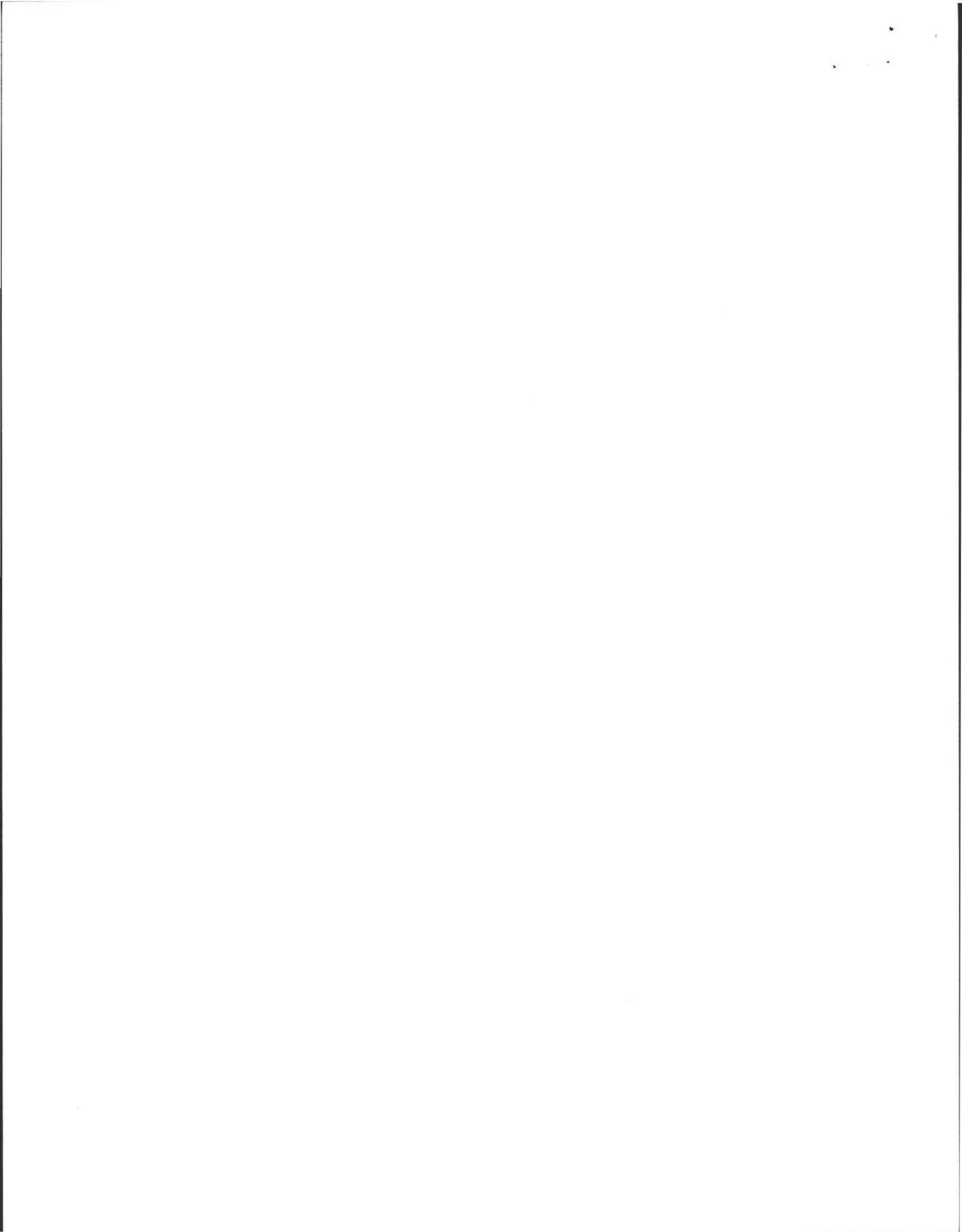
850.5 GAL.

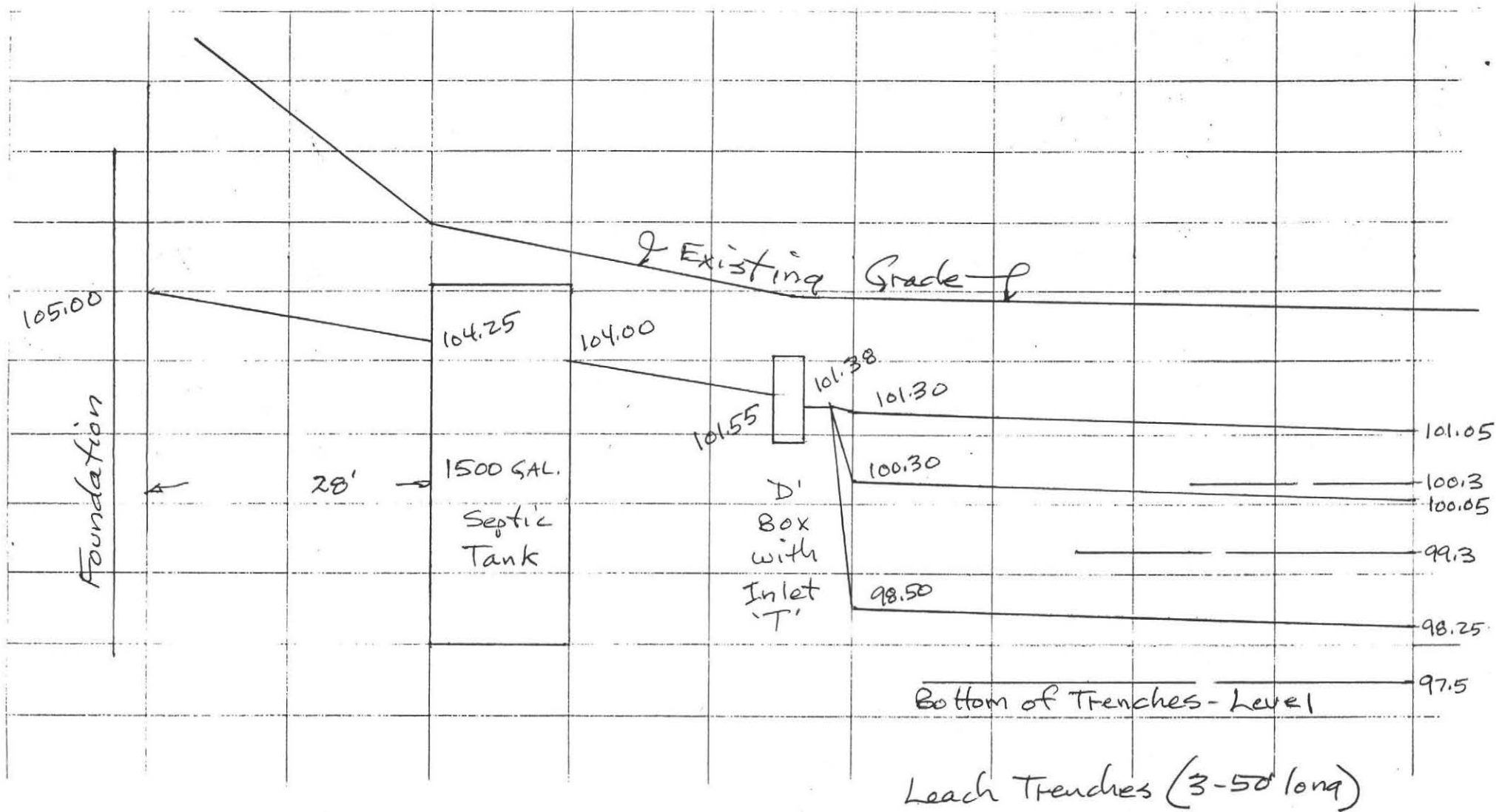
✓ AVAILABLE

825 GAL. REQUIRED



1/12/94





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

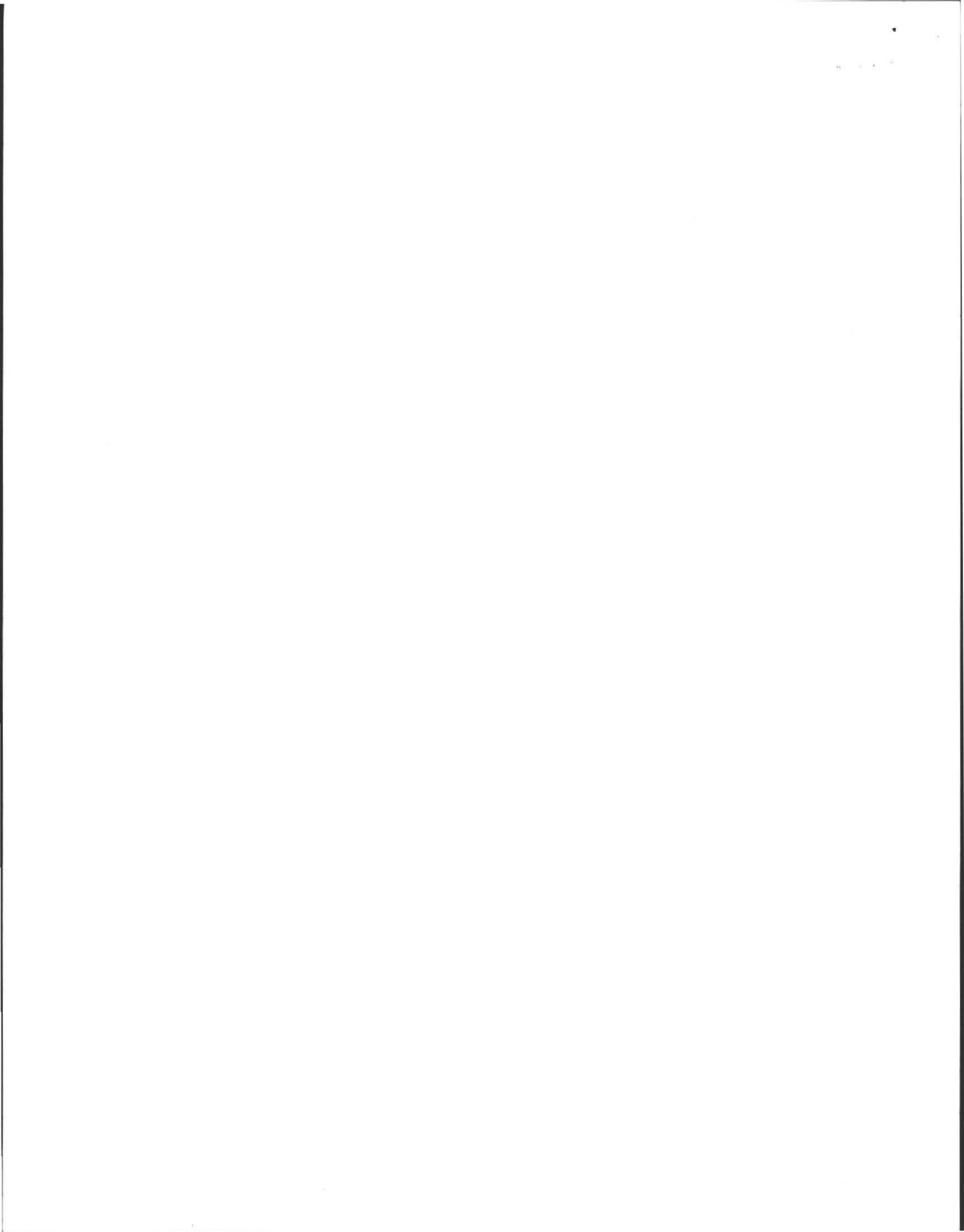
PROFILE OF SYSTEM

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



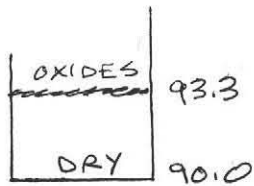
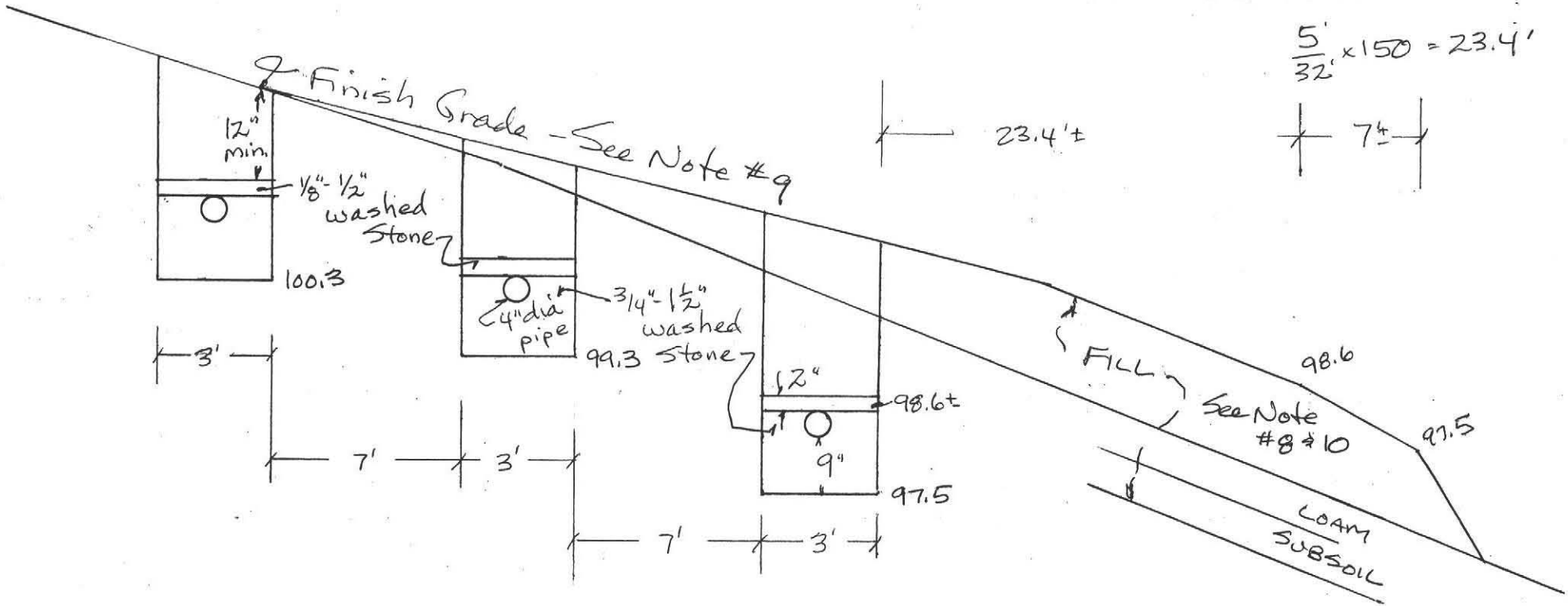
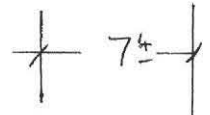
12/12/94

LOT 4
 Canterbury Lane
 Pg. 4



Slope Cal.

$$\frac{5'}{32'} \times 150 = 23.4'$$



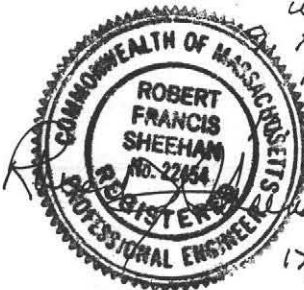
Deep Hole #2

NOTES:

8. ALL LOAM, SUBSOIL, AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 10 FT. OF LEACHING FACILITY, SECT 15.02:17 TITLE 5 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 REPLACEMENT.

CROSSSECTION OF SYSTEM
NO SCALE



12/17/94

LOT 4
Canterbury Lane
Pg. 5

