

CANTERBURY HOME

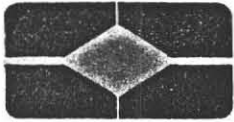
BCBS - Billings

*Spartan*

FILE FOLDERS  
LETTER SIZE - SP11114  
Mfg. by SP11111 Co.

4 CANTERBURY ~~ROAD~~  
LANE

JAN 13 1993



**LEWIS & COOK SURVEYORS, INC.**

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 30, 1992

Board of Health  
David Zarozinski  
Boltwood Walk  
Amherst, MA 01002

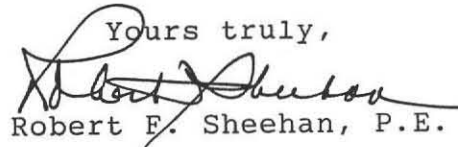
Dear Mr. Zarozinski,

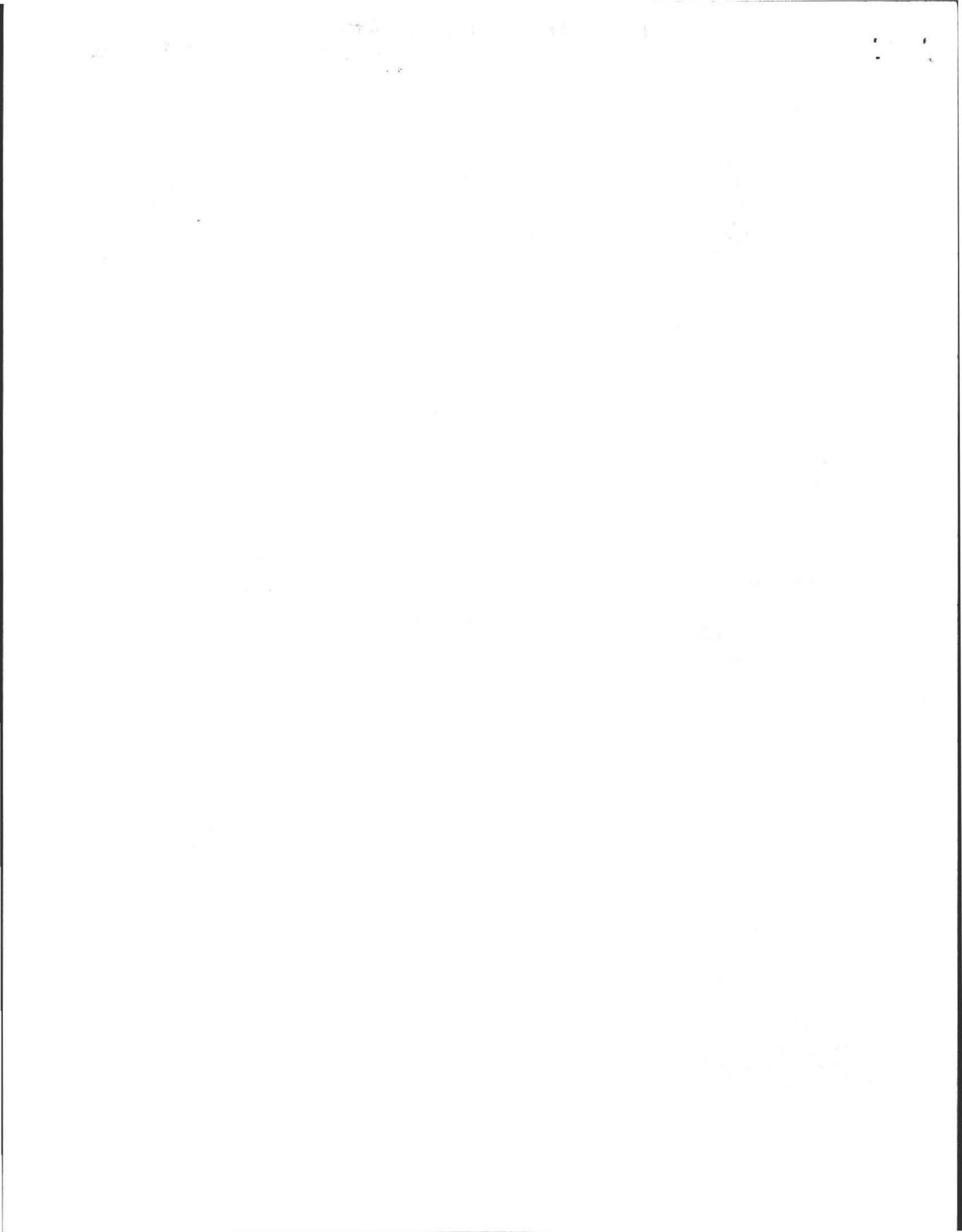
I have inspected the following subsurface sewage disposal systems:

1. Lot 1-B, Bay Road, on August 20, 1992 for Ronald Laverdiere, contractor Bill Peeso.
2. Lot 1A, Bay Road, on November 6, 1992 for ronald Laverdiere, contractor Bill Peeso. See as built.

I have found these systems substantially constructed as designed, except as noted on as built.

Yours truly,

  
Robert F. Sheehan, P.E.

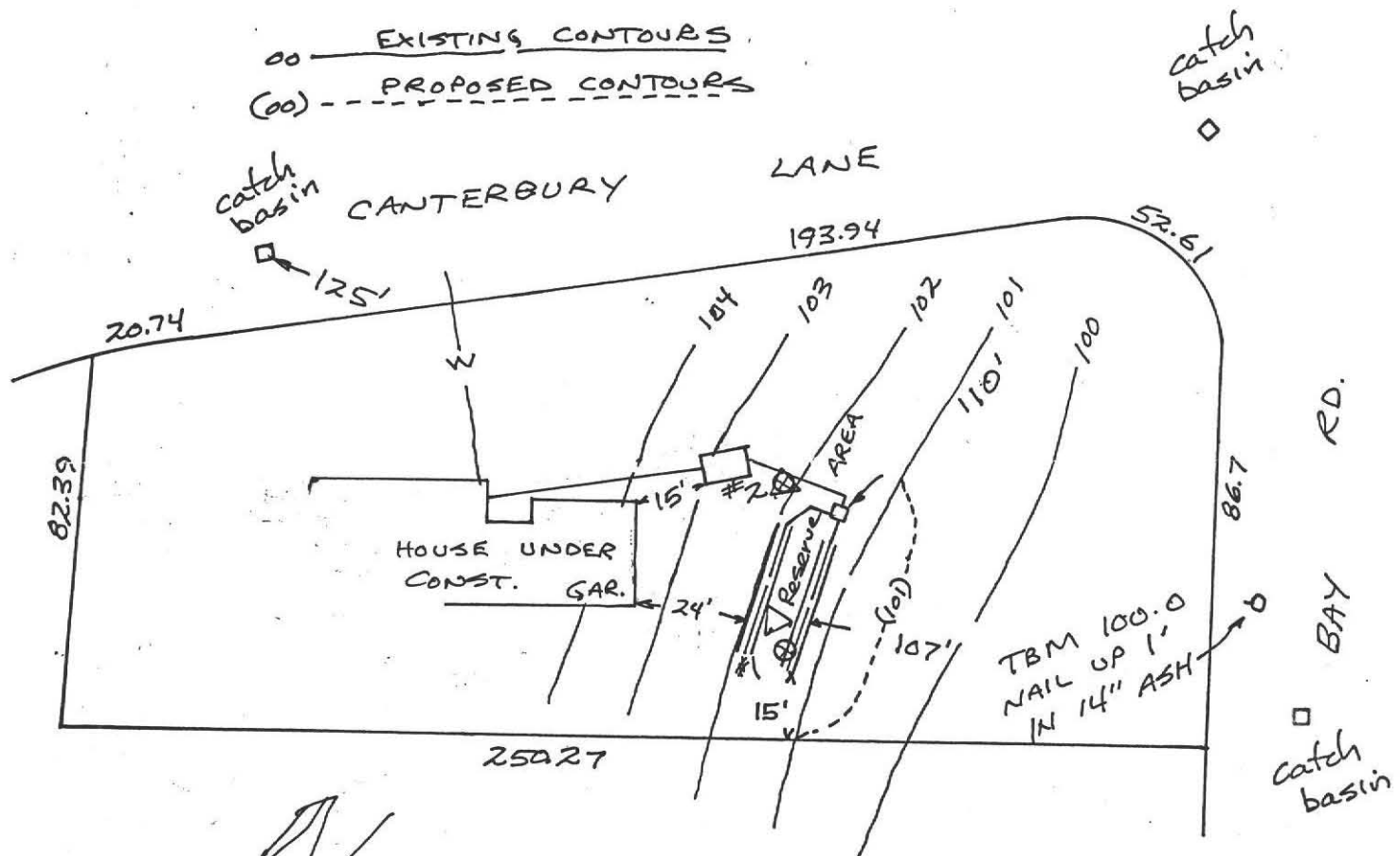


Lot 1A Pp. 2  
Bay Rd.

JAN 13 1993

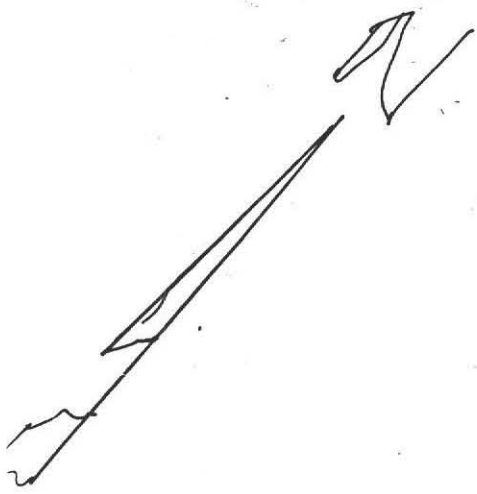
SCALE 1"=40'  
TOWN WATER

— EXISTING CONTOURS  
--- PROPOSED CONTOURS



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

AS BUILT  
12/30/92



Design by Lewis & Cook Surveyors, Inc.



No. 92-11

FEE 160.00  
5/15/92

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:

Location - Address: Bay Rd. Lot 1A  
Owner: Ronald Laverdiere 259-1765 RR 2 Pelham Hill Rd Amherst, MA  
Installer: Bill Reese Belchertown

Type of Building: Dwelling (X) No. of Bedrooms: 3 Expansion Attic ( ) Garbage Grinder (NO)  
Other - Type of Building: Other fixtures: No. of persons: 6 Showers ( ) - Cafeteria ( )

Design Flow: 55 gallons per person per day. Total daily flow: 330 gallons.  
Septic Tank - Liquid capacity: 1000 gallons Length: 96" Width: 52" 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: 9" Total leaching area: 129 sq. ft.

Percolation Test Results: Performed by: Lewis & Cook Surveyors, Inc. Date: May 15, 1992  
Test Pit No. 1: 1.0 minutes per inch Depth of Test Pit: 42" Depth to ground water: 105"  
Test Pit No. 2: 2.0 minutes per inch Depth of Test Pit: 82" Depth to ground water: 105"

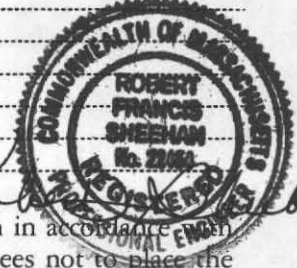
Description of Soil: See Attached Sheets

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 de Ludo



Application Approved By: Jimmy Hunt PE (for admin purposes)

Date: 9/1/92

Application Disapproved for the following reasons:

Permit No. 92-11

Issued: [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 (X) or Repaired ( ) by Bill Reese

at Bay Road Lot 1A

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. 92-11 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. 92-11

FEE 160.00  
5/15/92

Disposal Works Construction Permit

Permission is hereby granted to Ronald Laverdiere to Construct (X) Repair ( ) an Individual Sewage Disposal System at No. Bay Road

as shown on the application for Disposal Works Construction Permit No. 92-11 Dated

DATE 9/1/92 Jimmy Hunt PE (for admin purposes) Board of Health

CHECK OR FILL IN WHERE APPLICABLE

10-29

The following items are for sale



11/17

11/11

12/17

11-29

(Handwritten text at bottom left)

11/11



92-11

12 miles

5/15/92 CH 2985  
Pd 160<sup>th</sup>

TOWN OF AMHERST

PERC TEST DATA SHEET

DATE 5/15/92 LOCATION Bay Road LOT SIZE \_\_\_\_\_

OWNER Ren LaVerdier ADDRESS RR2 Amherst Mass TELE # 259-1765

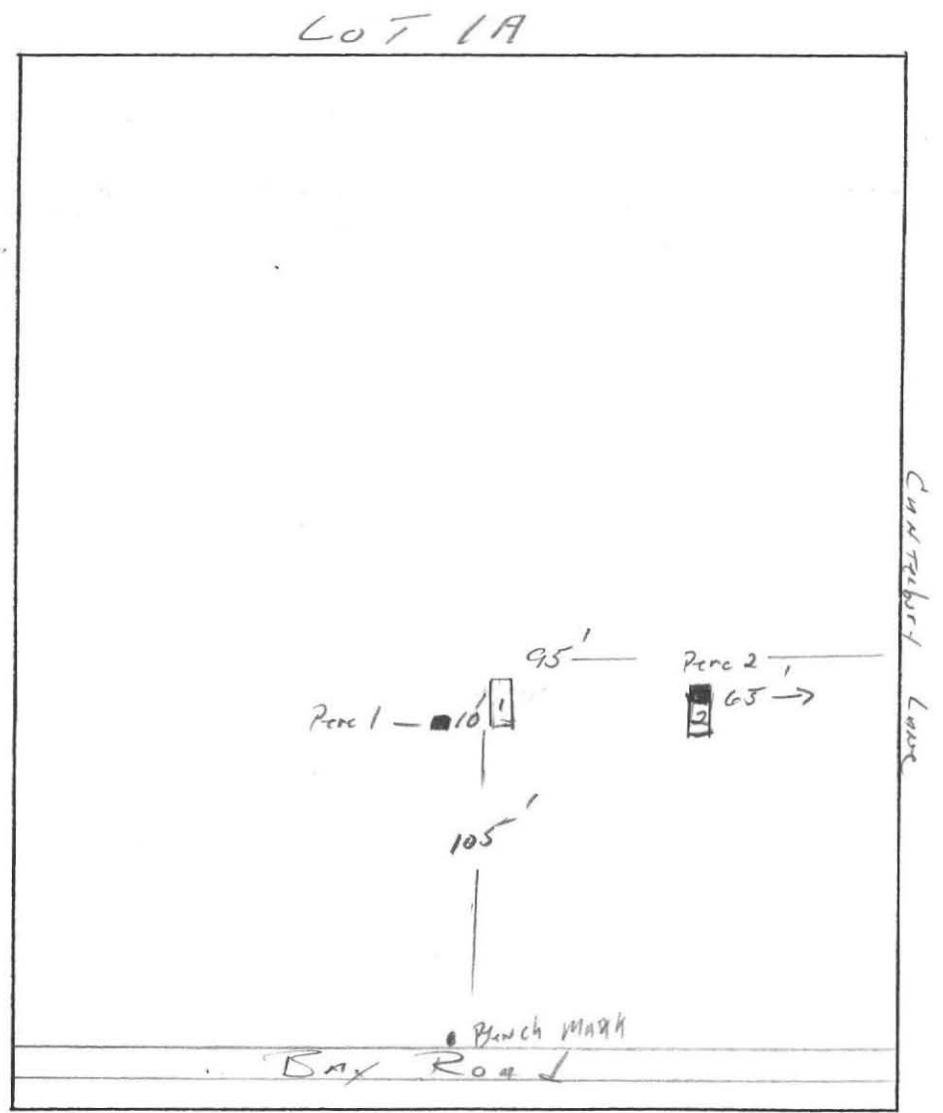
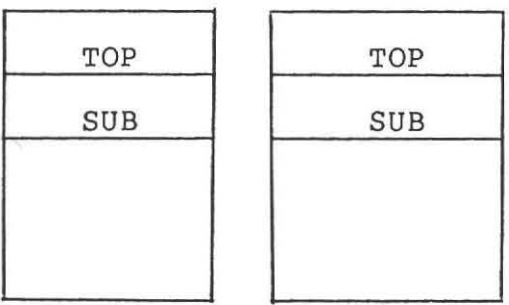
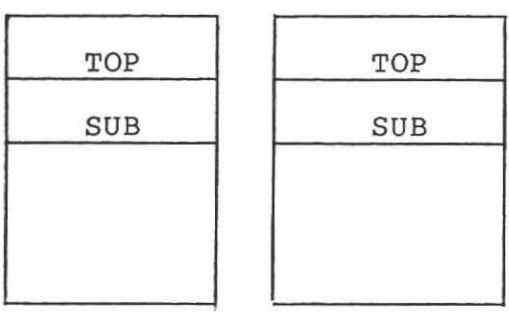
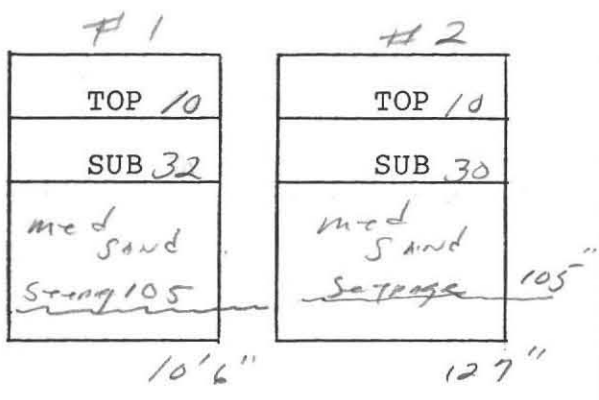
P.E./RS Richard Lewis FIRM Lewis & Cook OBSERVED BY David Zarowski

BACK HOE OPERATOR Bill Pease BENCH MARK \_\_\_\_\_

PERC DEPTH 42 PRE SOAK TIME 11:07 PERC DEPTH 82 PRE SOAK TIME 11:18

TEST	<u>11:22</u>	<u>12"</u>	<u>8"</u>	<u>11:27</u>	<u>12"</u>	<u>11:33</u>	<u>8"</u>	<u>11:39</u>
	<u>11:23</u>	<u>11"</u>	<u>7"</u>	<u>11:29</u>	<u>11"</u>	<u>11:34</u>	<u>7"</u>	<u>11:41</u>
	<u>11:24</u>	<u>10"</u>	<u>6"</u>	<u>11:33</u>	<u>10"</u>	<u>11:35</u>	<u>6"</u>	<u>11:43</u>
	<u>11:26</u>	<u>9"</u>			<u>9"</u>	<u>11:37</u>		

RATE (4) RATE (2)

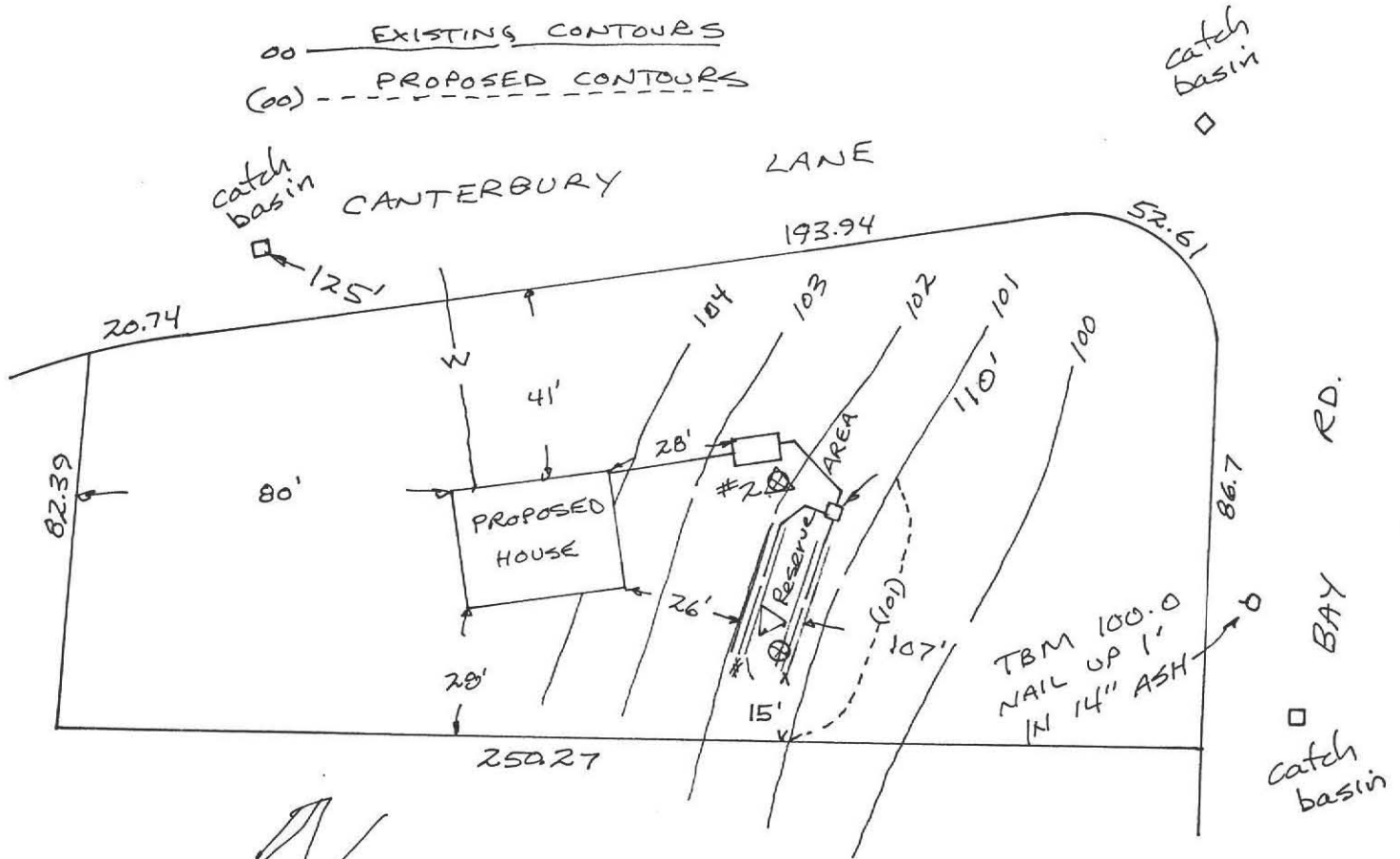




Lot 1A Pp. 2  
Bay Rd.

SCALE 1"=40'  
TOWN WATER

oo — EXISTING CONTOURS  
(oo) - - - PROPOSED CONTOURS

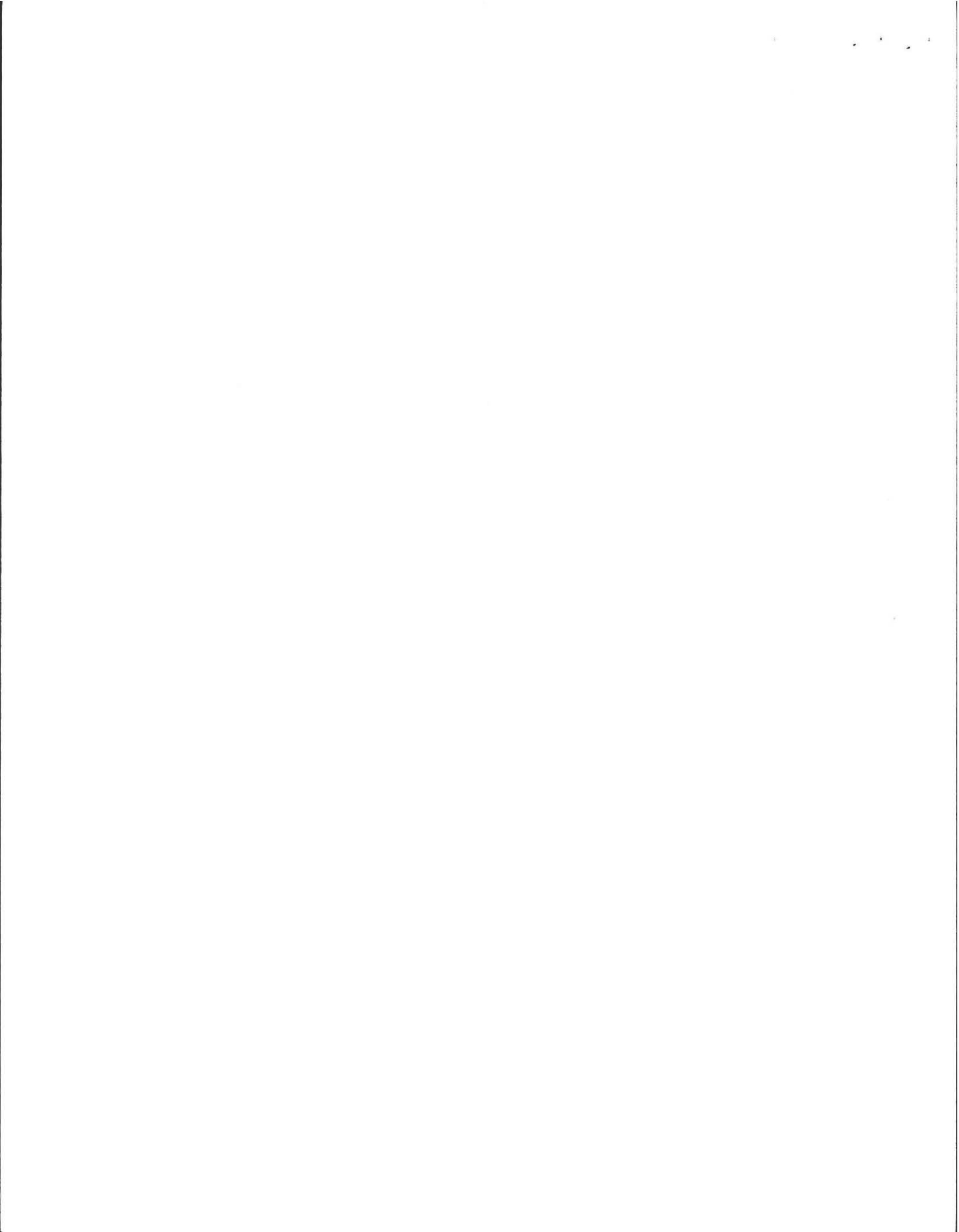


ALL LOAM & SUBSOIL  
TO BE REMOVED WITHIN  
10' OF SYSTEM.

NO WELLS OR WETLANDS  
OBSERVED WITHIN 200'  
OF SYSTEM.



Design by Lewis & Cook  
Surveyors, Inc.

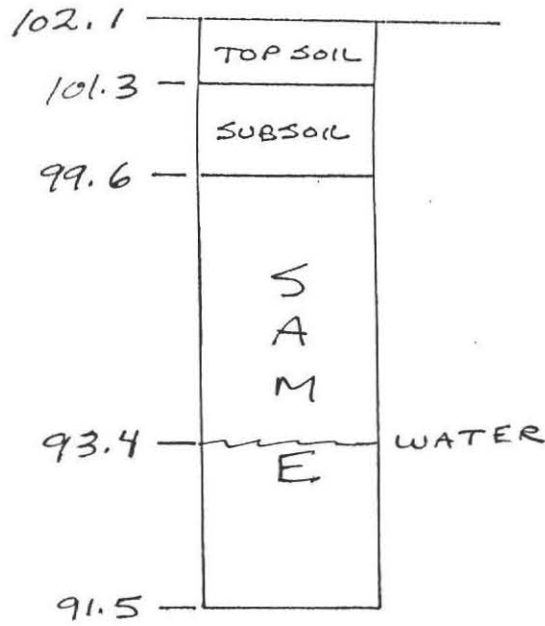
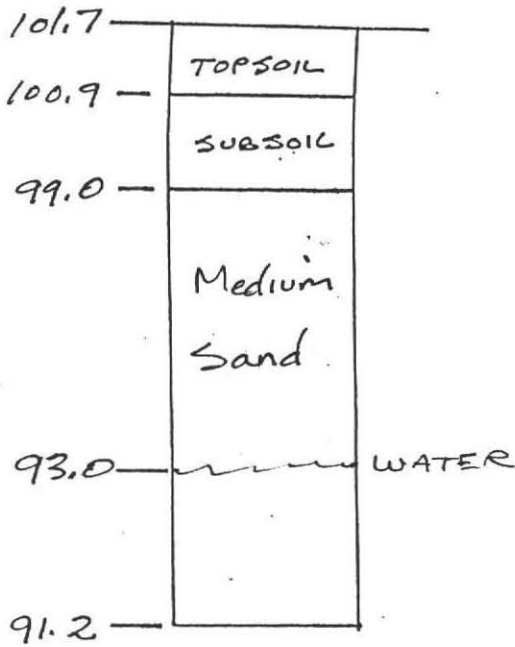


DEEP TEST HOLES

LOT 1A  
Bay Rd.

#1

#2



CALCULATIONS

BOTTOM AREA (NOT ALLOWED OVER 20.0 mm/in) 4.0 min./in = 0.83 gal./sq. ft.

$$40' \times 3' \times 2 \text{ lines} = 240 \text{ sq. ft.} \times 0.83 \text{ gal./sq. ft.} = 199.2 \text{ GAL.}$$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

$$4.0 \text{ min./in} = 2.0 \text{ gal./sq. ft.}$$

$$40' \times 3/4' \times 2 \text{ sides} \times 2 \text{ lines} = 120 \text{ sq. ft.}$$

$$3' \times 3/4' \times 2 \text{ ends} \times 2 \text{ lines} = 9 \text{ sq. ft.}$$

$$129.0 \text{ sq. ft.} \times 2.0 \text{ gal./sq. ft.} = 258.0 \text{ GAL.}$$

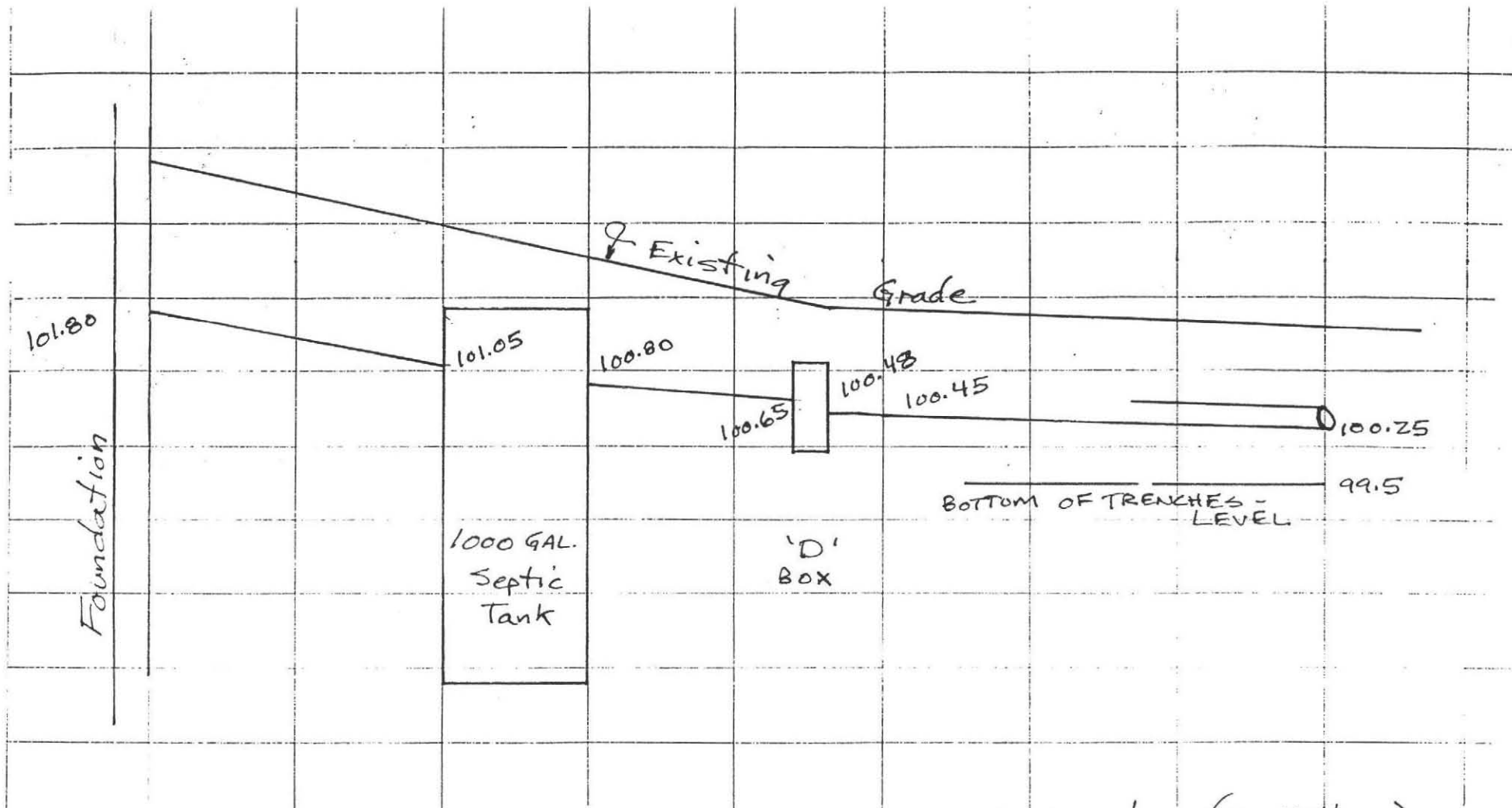
$$457.2 \text{ GAL.}$$

AVAILABLE

412.5 GAL REQUIRED ✓



10



Leach Trenches (2-40' long)  
Same Elevation

NOTES:

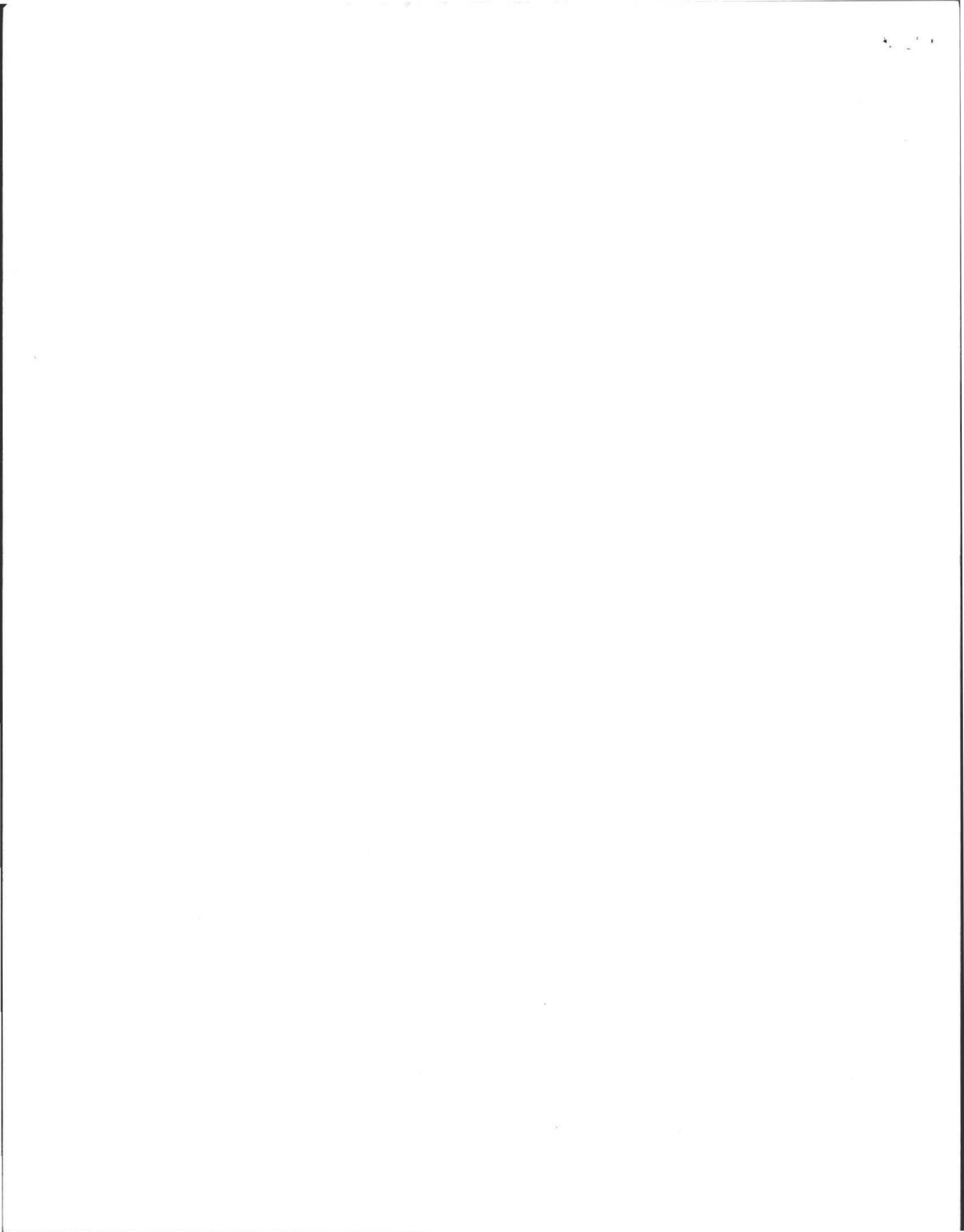
1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6; 8,9 TITLE 5)
2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10:4 TITLE 5)
3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE BOTTOM OF PIPE)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

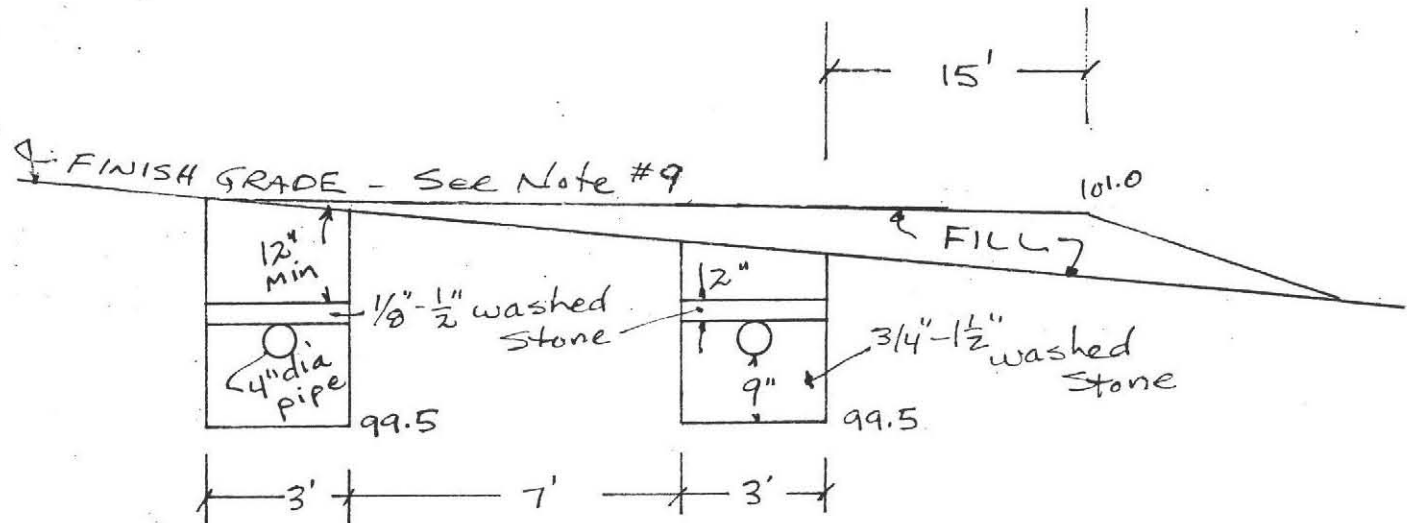
SCALE HORZ. 1" = 10'  
VERT. 1" = 2'



LOT 14  
Bay Rd.  
Pg. 4







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

CROSSSECTION OF SYSTEM  
NO SCALE



LOT 1A  
Bay Rd.  
Pg. 5

