

Jon C Thompson
FEE PD 60⁰⁰
Fore Plans
CK 616
6/17/92

No. 92-19

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:

147 PARCEL # 4, SHUTESBURY RD

Fiske - Emery Location - Address

Amherst, ma. or Lot No.

JON Thompson, Builder
Owner
Installer

Address

Type of Building

Size Lot 5.118 Sq. feet

Dwelling - No. of Bedrooms 4 Expansion Attic (N) Garbage Grinder (N)

Other - Type of Building R.S. No. of persons 4 Showers () - Cafeteria ()

Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 550 gallons.

Septic Tank - Liquid capacity 1000 gallons Length 102" Width 53" Diameter " Depth 48"

Disposal Trench - No. 4 Width 3' Total Length 220' Total leaching area 880 sq. ft.

Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.

Other Distribution box (✓) Dosing tank (N) A. WEISS, R.S.

Percolation Test Results Performed by COLD SPRING ENV. CONS. INC. Date 3/10/92

Test Pit No. 1 7 minutes per inch Depth of Test Pit 9' Depth to ground water N.A.

Test Pit No. 2 9 minutes per inch Depth of Test Pit 9' Depth to ground water N.A.

Description of Soil Green brown fine-med. Sandy mat'l w/ little gravel & rocks

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

A. Weiss for Jon Thompson

6/12/92

Application Approved By

David Jacozinski for Andrew Hyatt

6/17/92

Application Disapproved for the following reasons:

Permit No. 92-19

Issued

Date

Ah weiss final Insp. 11/5/92

William Clark

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH



INSTALLER, Town OF Amherst

Certificate of Compliance

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

by

at Shutesbury Road Installer

Lot 4

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. 92-19 dated

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE 11/5/92

Inspector

David Jacozinski

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

No. 92-19

FEE

PD 60⁰⁰
CK 616
60⁰⁰ for Plans

Disposal Works Construction Permit

Permission is hereby granted

FISKE - EMERY

to Construct (✓) or Repair () an Individual Sewage Disposal System

at No.

Shutesbury Road

Lot 4

as shown on the application for Disposal Works Construction Permit No. 92-19

Dated

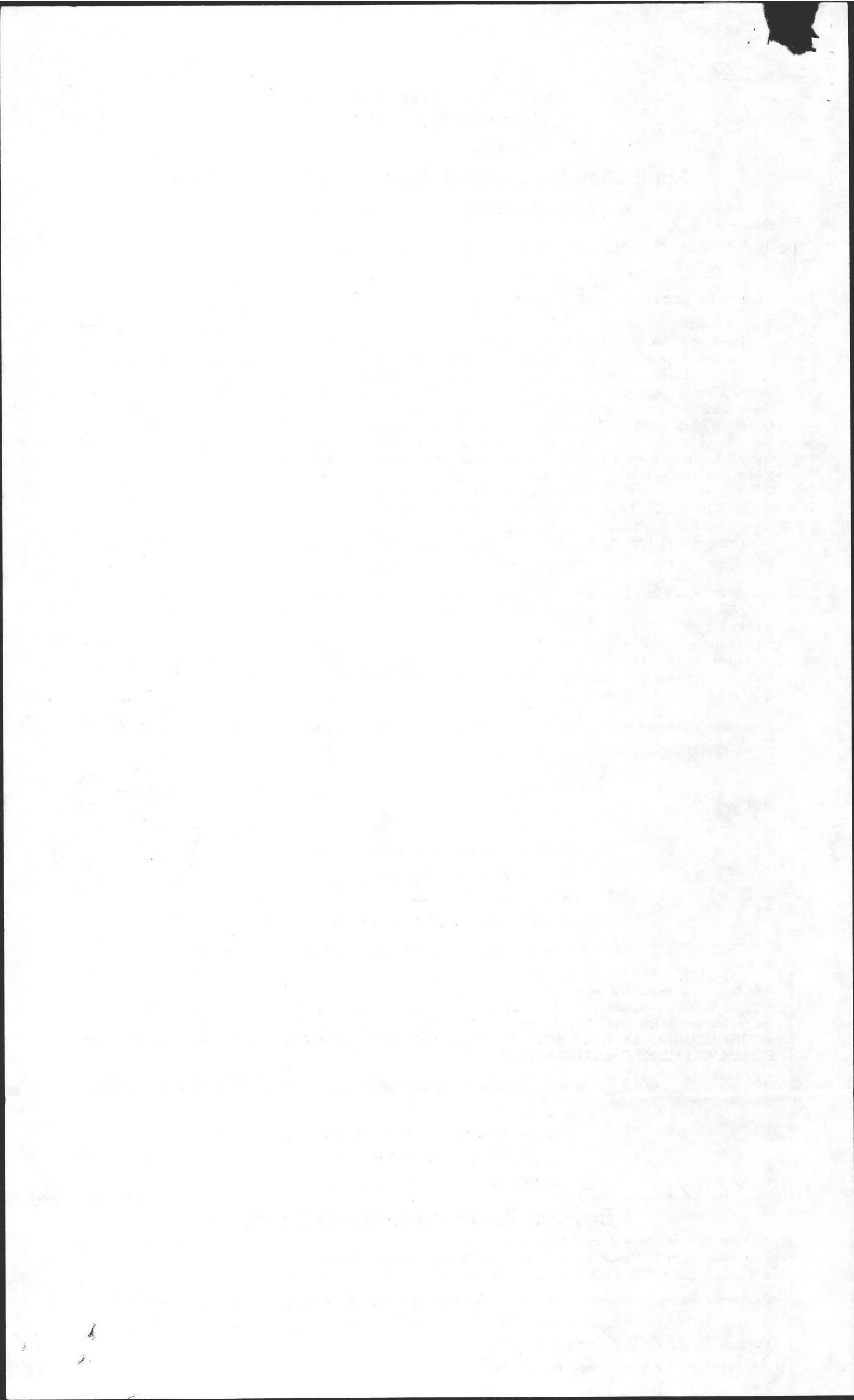
6/17/92

DATE 6/17/92

Board of Health

David Jacozinski for G.H. Dept.

CHECK OR FILL IN WHERE APPLICABLE



PERC TEST DATA SHEET

DATE 3/10/92 LOCATION Shutesbury Road LOT SIZE 23.99 AC

OWNER MARTIN PLANTING ADDRESS c/o Woodbridge TELE # _____

P.E./RS AL Weiss FIRM Cold Spring Env. OBSERVED BY David Zarozinski

BACK HOE OPERATOR Richard Roberts BENCH MARK _____

PERC DEPTH 71" PRE SOAK TIME 10:07 PERC DEPTH 56" PRE SOAK TIME 10:45

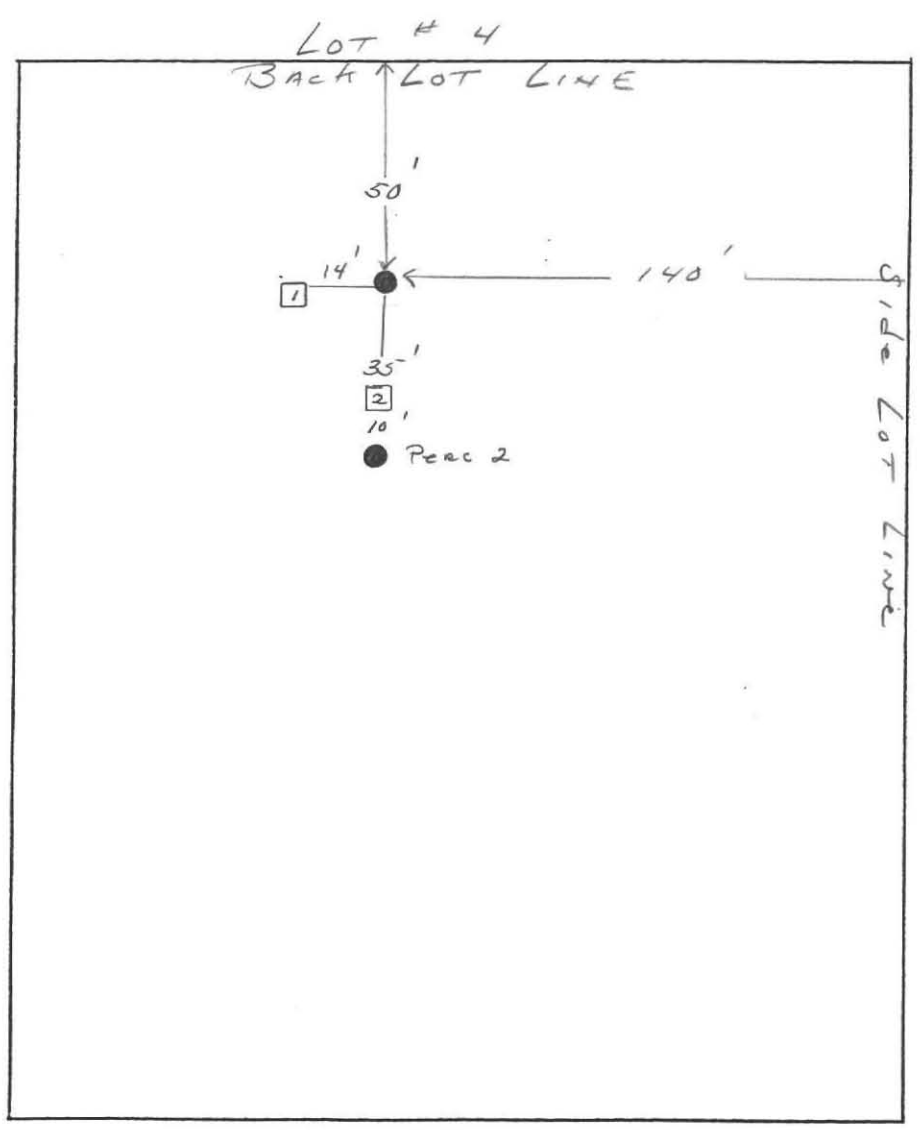
TEST	<u>12"</u>	<u>10:22</u>	<u>8"</u>	<u>10:45</u>	<u>12"</u>	<u>11:00</u>	<u>8"</u>	<u>11:21</u>
	<u>11"</u>	<u>10:27</u>	<u>7"</u>	<u>10:51</u>	<u>11"</u>	<u>11:04</u>	<u>7"</u>	<u>11:29</u>
	<u>10"</u>	<u>10:31</u>	<u>6"</u>	<u>10:58</u>	<u>10"</u>	<u>11:09</u>	<u>6"</u>	<u>11:41</u>
	<u>9"</u>	<u>10:38</u>			<u>9"</u>	<u>11:14</u>		

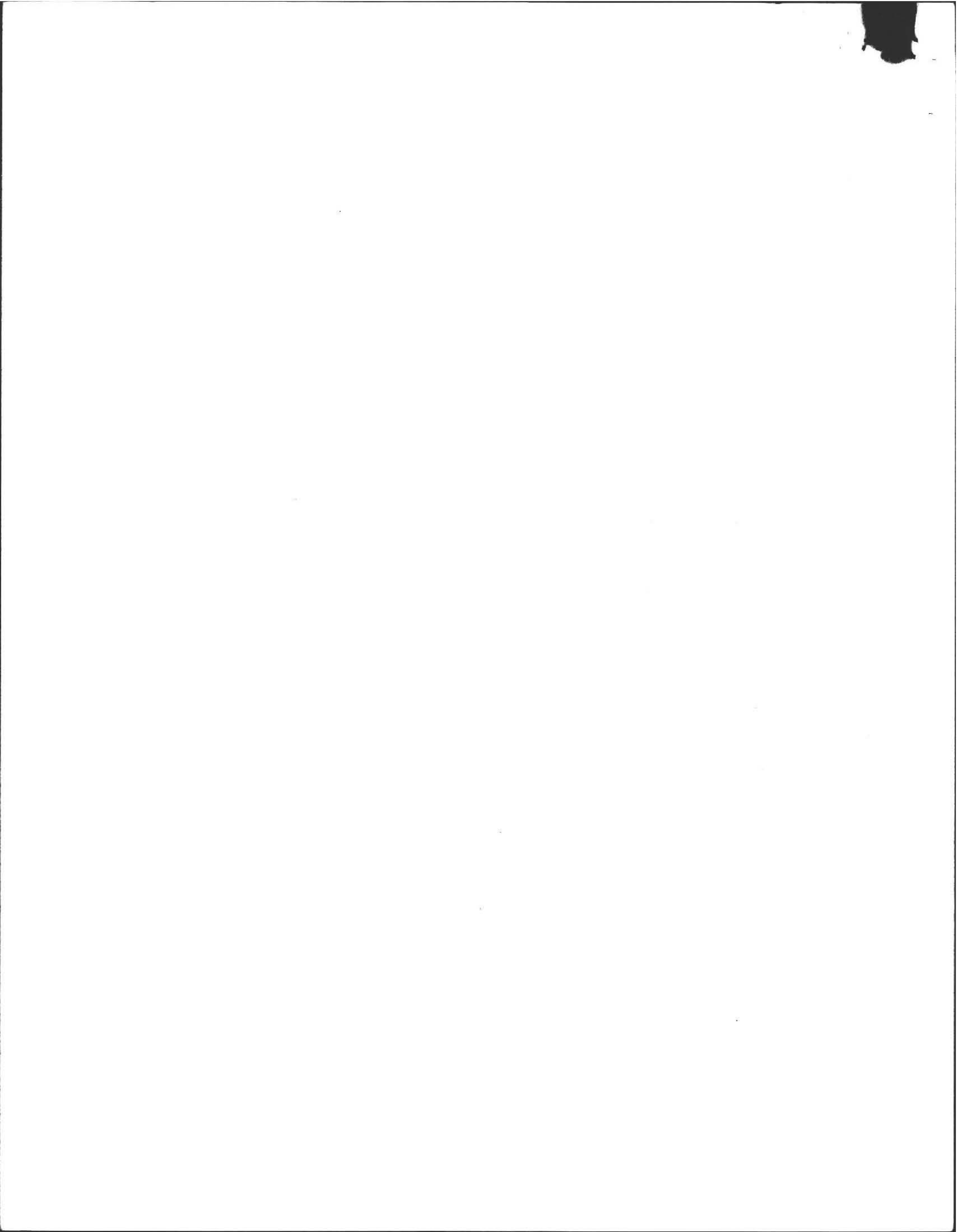
RATE (8) RATE (10)

# 1	# 2
TOP 6	TOP 6
SUB 22	SUB 21
Fine-med sand Packed DRY REFUSAL 9'	Fine-med sand Packed REFUSAL DRY 9'

TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB







COLD SPRING ENVIRONMENTAL CONSULTANTS

- Subsurface Investigations
- 21E Site Investigations
- Pollution Remediation

- Percolation Tests and Septic Designs
- Regulatory Compliance

PERCOLATION TEST DATA

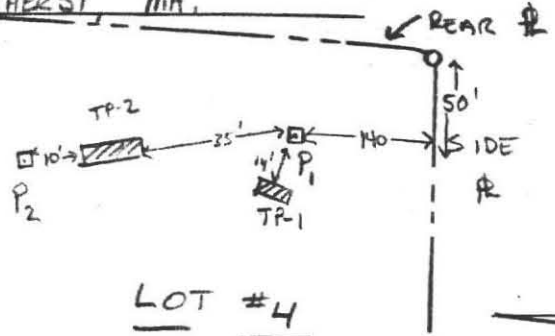
CLIENT M. PLANTING

ADDRESS NORTHEAST ST., LOT 4, AMHERST, MA.

DATE 3/10/92

WEATHER 45° F, CLOUDS

DESCRIPTION OF TEST HOLE LOCATION
(GIVE DESCRIPTION AND PICTURE)



LOT #4

PERCOLATION DATA

TEST #1
 START SOAK (10:07)
 12 INCH 10:22 TIME
 11" = 10:27, 10" = 10:31
 9 INCH 10:38 TIME
 8 INCH 10:45 TIME
 7 INCH 10:51 TIME
 6 INCH 10:58 TIME

TEST #2
 SOAK 10:45 → 11:00
 12" = 11:00
 11" = 11:04
 10" = 11:09
 9" = 11:14
 8" = 11:21
 7" = 11:29
 6" = 11:41

TEST HOLE LOG	
TP-1	TP-2
0--	0-6"
2'--	0-6"
4'--	6"-22"
6'--	6"-22"
8'--	22" → 9'
10'--	9'
12'--	REFUSAL
* (NOTE: WATER SEEP @ NONE)	

AVERAGE PERC RATE = 10 MIN/INCH
 DEPTH OF SMALL PERC TEST 70/57 IN.

PASS

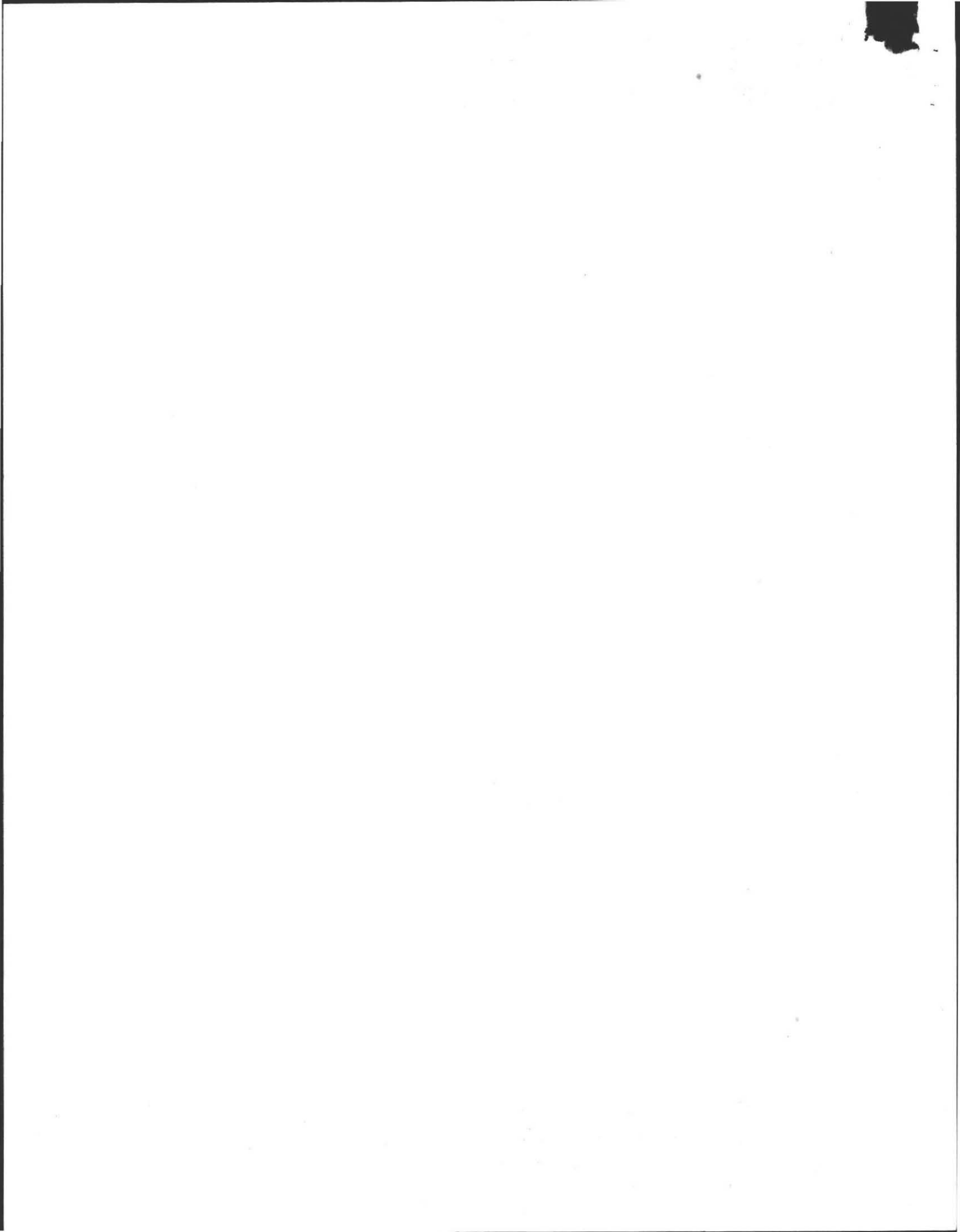
CLASSIFICATION OF PERCABLE MATERIAL: GREEN BROWN FINE-MEDIUM SANDY TILL, LITTLE GRAVEL AND COBBLES.

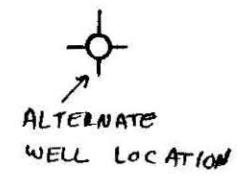
NAMES OF PERSONS PRESENT: D. ZAROVINSKY, E.O.H.

ALAN E. WEISS M.S., R.S. # 933
HYDROGEOLOGIST

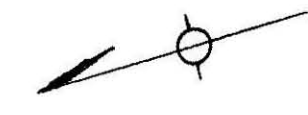
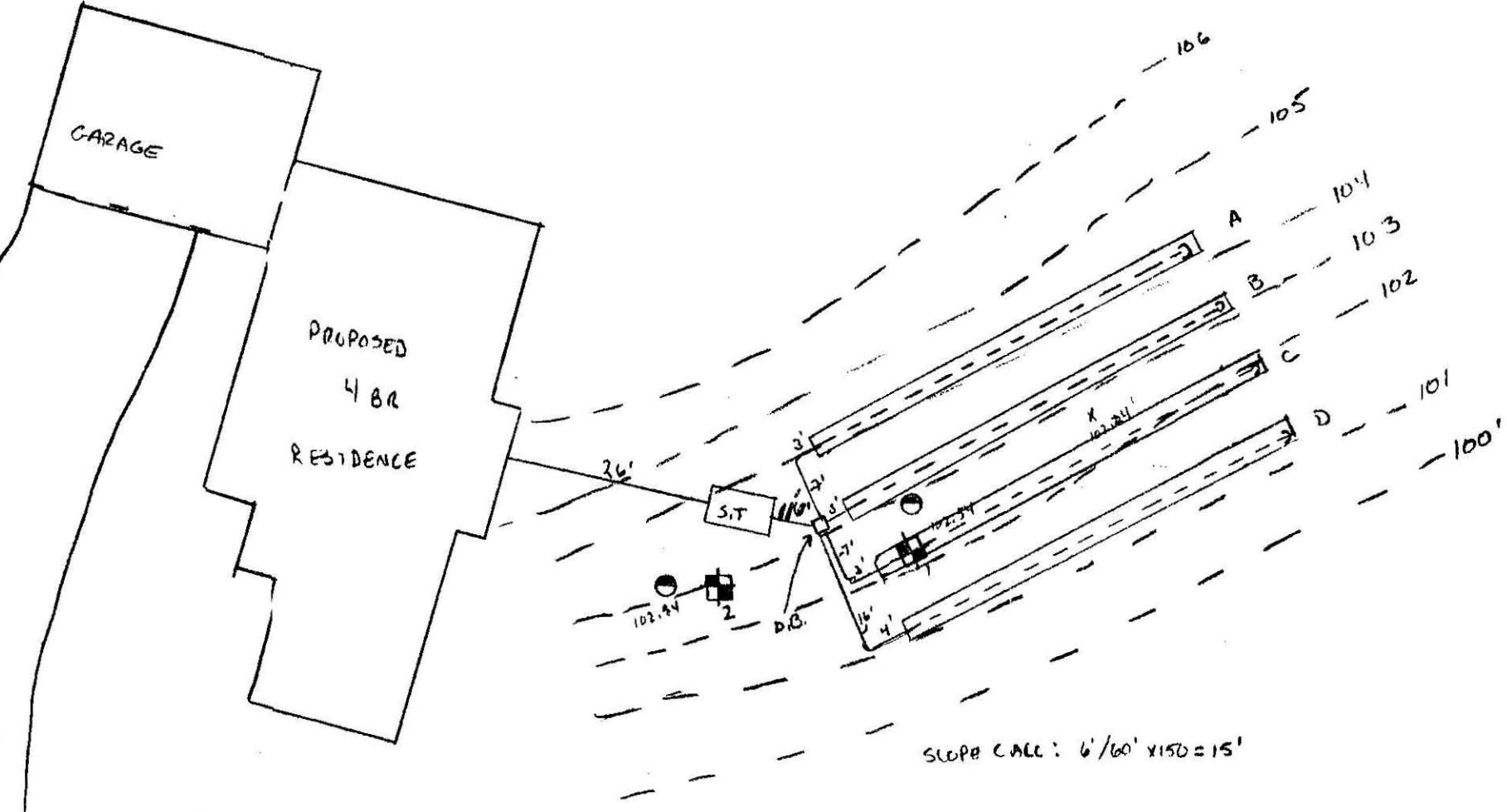
BARBARA B. WEISS
GEOLOGIST



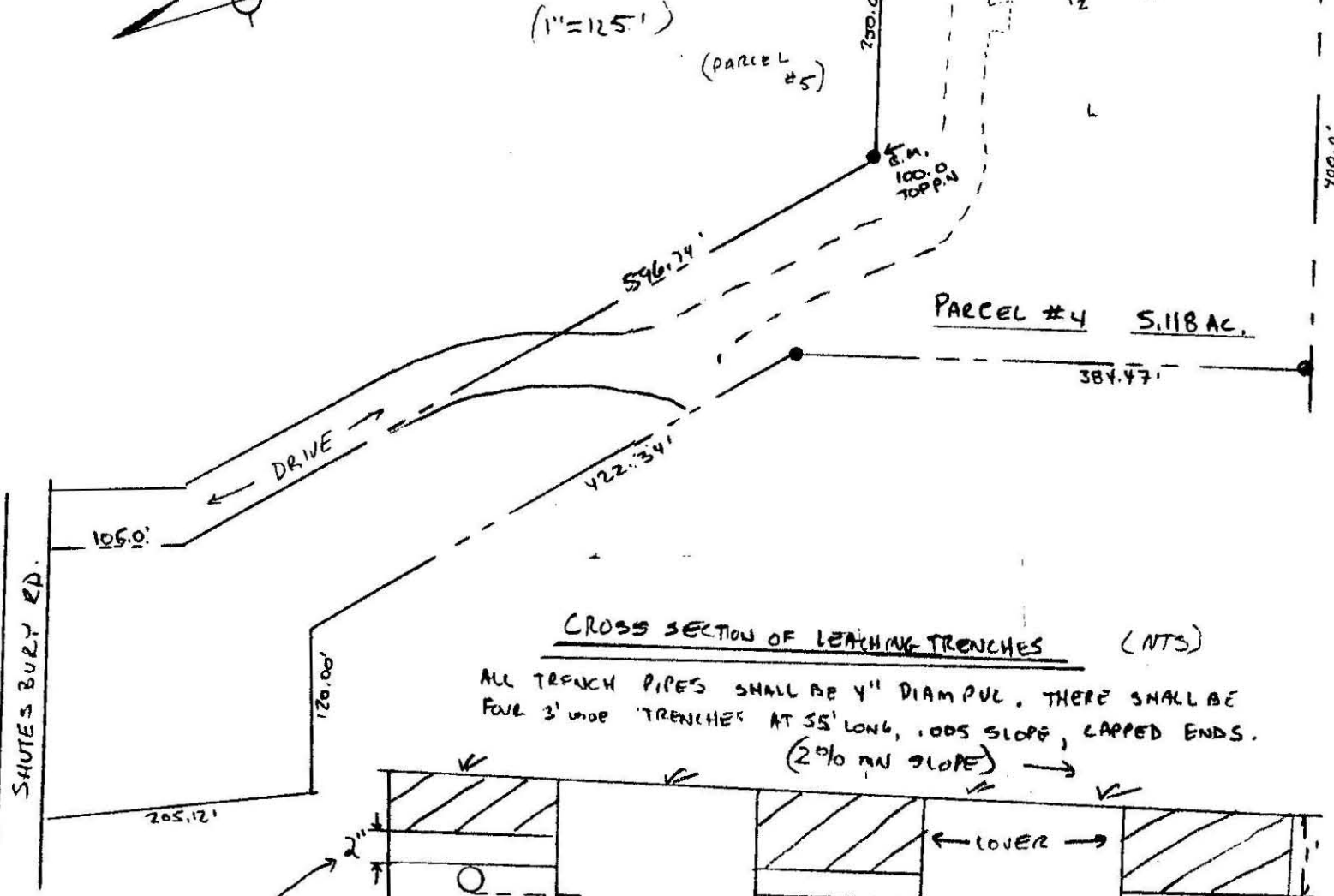




SEPTIC SYSTEM PLAN
(1"=20')

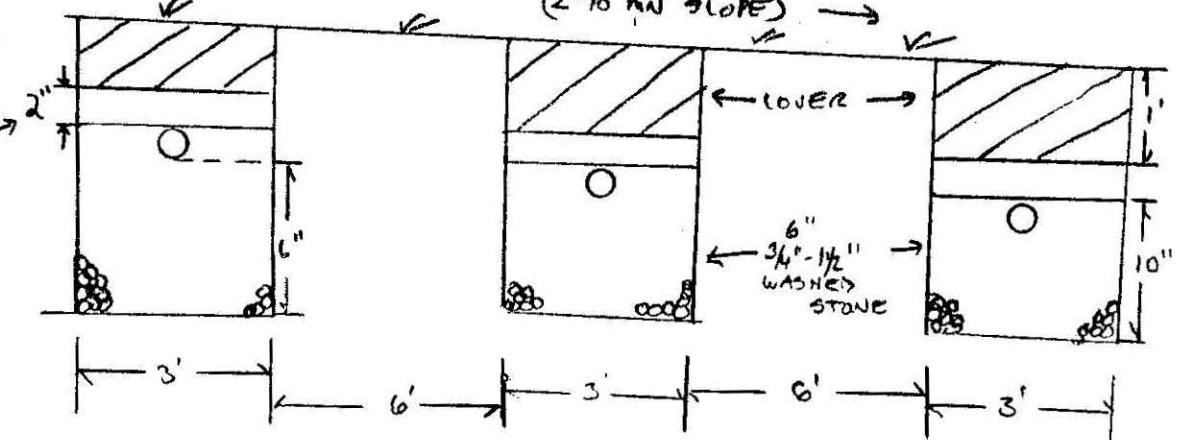


PLOT PLAN
(1"=125')



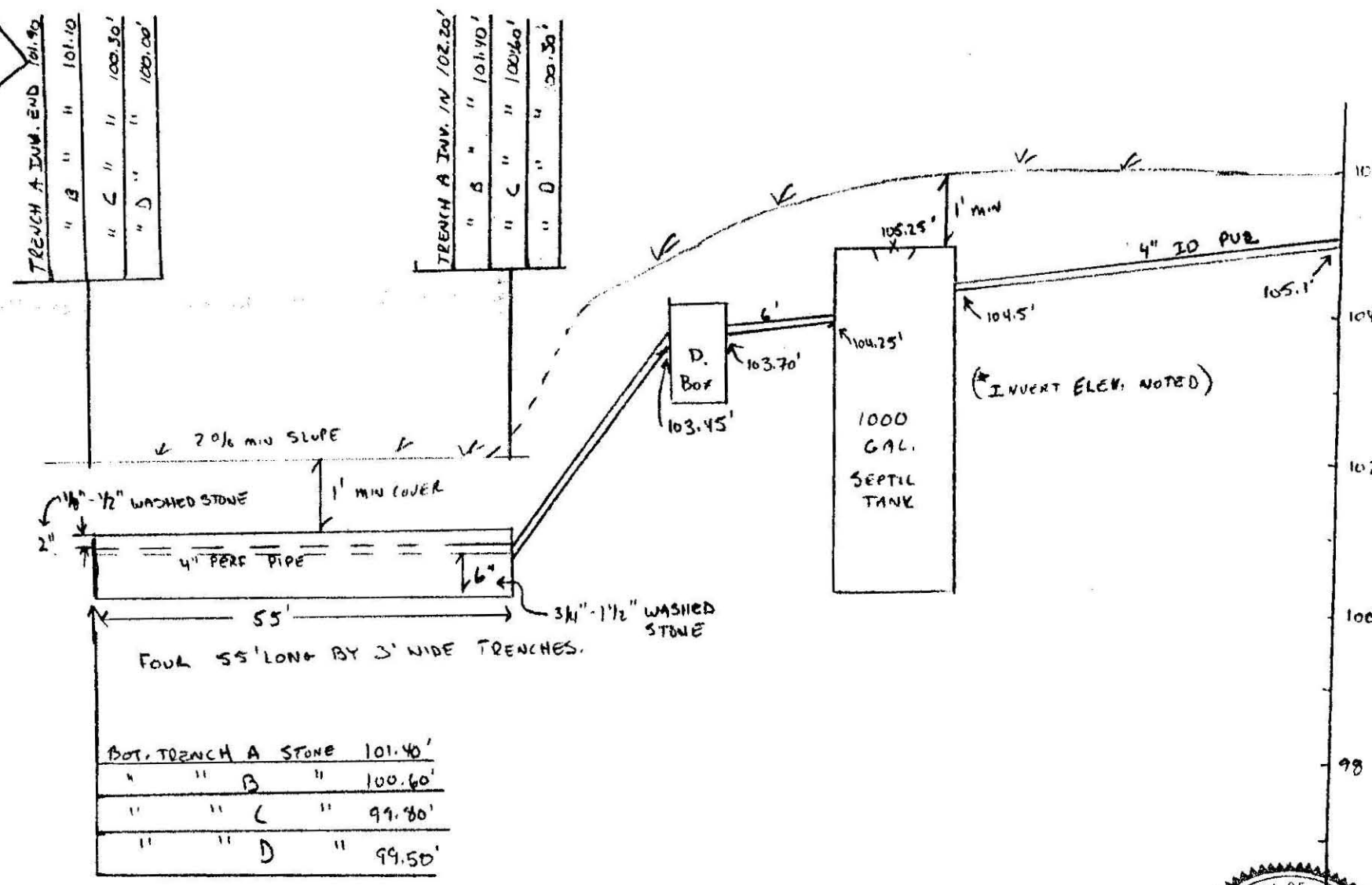
CROSS SECTION OF LEACHING TRENCHES (NTS)

ALL TRENCH PIPES SHALL BE 4" DIAM P.V.C. THERE SHALL BE FOUR 3' LONG TRENCHES AT 55' LONG, 100% SLOPE, CAPPED ENDS. (2% MIN SLOPE)



DESIGN NOTES

1. BASED ON PERC OF 10 MIN IN. 3 1/2" x 125' BY A. WEISS, R.S.
2. DESIGN CRITERIA: 4 BR x 110 GPD x 125' = 550 GPD
3. LEACHING AREA: (FOUR TRENCHES 3' x 55' EACH.)
SIDE: 0.5 SF x 2 SIDES x 220 FT LONG x 1.0 GPD = 220 GPD
BOT: 3 SF x 220 FT LONG x 0.55 GPD = 363 GPD
583 GPD
4. NO REGRADING IN AREA OF TRENCHES REQ'D.
5. NO WRTLANDS OR WELLS LOCATED WITHIN 150' OF TRENCHES.
6. D. BOX OUTLET PIPES SHALL BE LEVEL FOR 2' MIN. 6" OF 3/4" STONE REQ'D BENEATH D. BOX.
7. RESERVE AREA BETWEEN TRENCHES.
8. WELL SHALL BE 150' MIN FROM PROPOSED TRENCHES.
9. NO GARBAGE DISPOSAL SHALL BE ALLOWED.



BOT. TRENCH A STONE	
" A "	101.40'
" B "	100.60'
" C "	99.80'
" D "	99.50'

SOIL LOGS		
(102.54') TP-1		TP-2 (102.84') PERC = 7 MIN IN
0'-6"	BROWN SANDY LOAM	0'-6"
6"-22"	ORANGE BROWN SILTY SHA SOIL	6"-22"
22"-9'	GREEN-BROWN FINE TO MED-SAND, LITTLE GRAVEL AND COBBLES.	22"-9'
9'-REFUSAL		9'-REFUSAL

PROFILE OF SUBSURFACE DISPOSAL SYSTEM



**PROPOSED SEPTIC SYSTEM PLAN FOR JON THOMPSON, BUILDER
LOT 4, SHUTESBURY ROAD, AMHERST, MA.**

SCALE: NOTED	APPROVED BY:	DRAWN BY: AW
DATE: 6/12/92		REVISED:

COLD SPRING ENVIRONMENTAL CONS. INC. BELCHERTOWN, MA.

323-5957	DRAWING NUMBER 92-192-0602
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