167 Shutesbury Rd.
Lot 5

Plans

No. 92-20

Fee 60.00 pd 6/17/92
M. Lindh
OK. 4/92

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

Lot 5, Shutesbury Rd.
Location - Address or Lot No.

Mike Lapinski
Owner

77 Old Wendell Rd., Shutesbury
Address

Installer

Address

Type of Building

Size Lot 3.771 AC ~~Sq. feet~~

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

Other — Type of Building Res. No. of persons 8 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 58" Diameter Depth 48"

Disposal ~~Trench~~ Bed — No. 1 Width 24' Total Length 55' Total leaching area 1320 sq. ft.

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

Other Distribution box (Y) Dosing tank (N)

Percolation Test Results Performed by Date

Test Pit No. 1 15 minutes per inch Depth of Test Pit 11'-0" Depth to ground water — NONE

Test Pit No. 2 10 minutes per inch Depth of Test Pit 11'-4" Depth to ground water 11'

Description of Soil Green-brown Fine to medium Sand, Some cobbles

Nature of Repairs or Alterations — Answer when applicable

Agreement:

The undersigned agrees to install the aforedescribed 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. E. Weiss for Mainsi 6/12/92
Date

Application Approved By Carol Jaworski for A. H. Clapp 6/17/92
Date

Application Disapproved *for the following reasons:*

Date

Permit No. 92-20 Issued
Date

COMMONWEALTH OF MASSACHUSETTS ALAN E. WEISS REG. #933 REGISTERED SANITARIAN

CHECK OR FILL IN WHERE APPLICABLE

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 AT Shutesbury / Lot 5

at B/

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. 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

No. 92-20 Town OF Amherst Fee 60.00 pd 6/17/92

Disposal Works Construction Permit

Permission is hereby granted

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

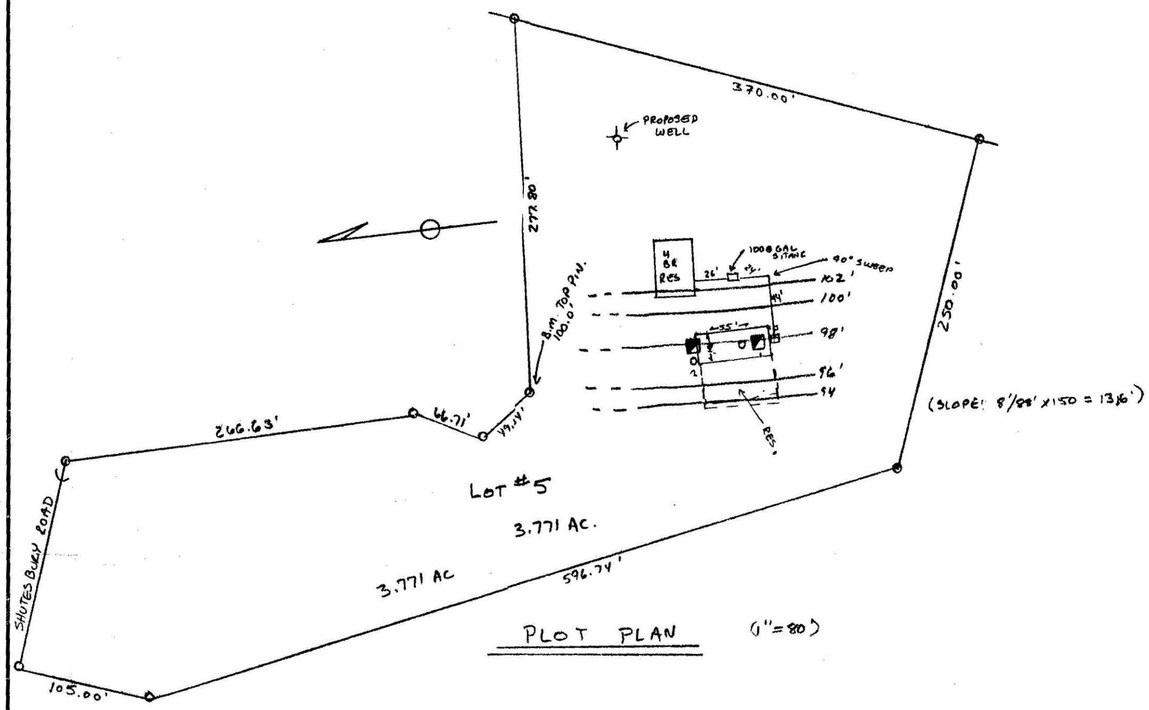
at No.
Street

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

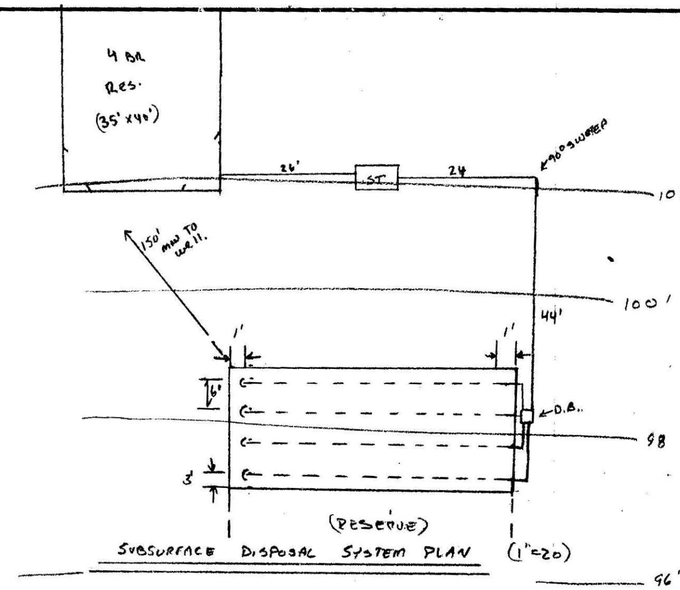
Board of Health

DATE

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS



PLOT PLAN (1"=80')



SUBSURFACE DISPOSAL SYSTEM PLAN (1"=20')

(97.51') TP-1	LOGS	(97.69') TP-2
0-4"	BROWN SANDY LOAM	0-4"
4"-24"	ORANGE BROWN SILTY SUB	4"-22"
24" → 11.0'	GREEN-BROWN FINE-MED. SAND SOME COBBLES	22" → 11'-4"
NO H2O		H2O @ 11'

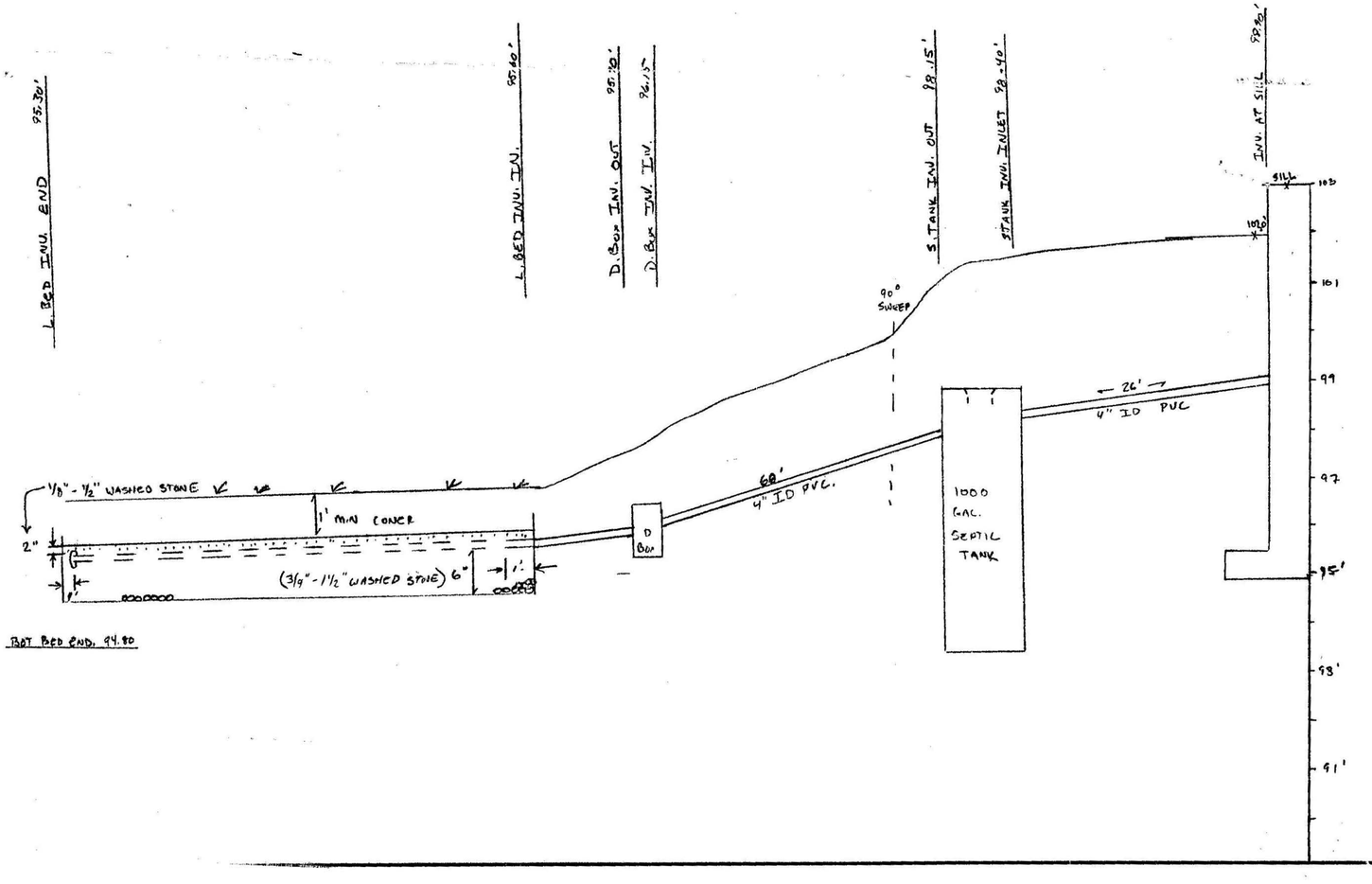
SOIL LOGS

BY A. WEISS 3/10/92

DESIGN NOTES

1. DESIGN BASED ON PERCS OF 15 AND 10 MIN/IN (3/10/92)
2. 4 BR x 110 GAL/DAY x 1.25 = 550 GAL/DAY
3. ONE 55' x 24' L. BED PROVIDES

   BOT; 55 FT x 24 FT x .43 GAL/DAY = 568 GAL/DAY
4. NO WETLANDS OR SURFACE WATER WITHIN 150' OF SSDS.
5. NO WELLS W/IN 100' OF SSDS.
6. NO GARBAGE DISPOSAL ALLOWED.
7. NO CHANGE IN GRADE AT L. BED REQ'D.
8. THERE SHALL BE FOUR 4" ID PIPES SPACED 6' APART IN ONE 55' LONG BY 24' WIDE LEACH BED.
9. D. BOX TO BE UNDERLAIN BY 6" OF 3/4" STONE OUTLET PIPES TO BE LAID LEVEL FOR A MIN. OF 2'.



SEPTIC SYSTEM PLAN FOR MIKE LAPINSKI LOT 5, SHUTESBURY RD., AMHERST, MA.		
SCALE: NOTED	APPROVED BY:	DRAWN BY AW
DATE: 6/12/92		REVISED
COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.		
BELCHERTOWN, MA. 323-5957		DRAWING NUMBER 92-193-02

#167 ck 472 M. Lipinski CC

No. 92-20

Fee 60 plans 6/17/92

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

167 Lot 5, Shutesbury Rd. (Location - Address) or Lot No.

Mike Lapinski (Owner) 77 Old Wendall Rd., Shutesbury (Address)

Richard Roberts (Installer) (Address)

Type of Building — Size Lot 3.771 AC ~~Sq. feet~~

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

Other — Type of Building Res. No. of persons 8 Showers ( ) — Cafeteria ( )

Other fixtures

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

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Disposal ~~Trench~~ Bed — No. 1 Width 24' Total Length 55' Total leaching area 1320 sq. ft.

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Description of Soil Green-brown Fine to medium Sand, Some cobbles

Nature of Repairs or Alterations — Answer when applicable

Agreement:

The undersigned agrees to install the aforedescribed 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 [signature] for M. Lapinski 6/12/92 (Date)

Application Approved By [signature] for A. H. Opt. 6/17/92 (Date)

Application Disapproved *for the following reasons:* (Date)

Permit No. 92-20 Issued 6/12/92 (Date)

COMMONWEALTH OF MASSACHUSETTS ALAN E. WEISS REG. #933 REGISTERED SANITARIAN

R. Roberts 9-24-93

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 Richard Roberts (Installer)

at 167 Shutesbury Road Lot 5

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. 92-20 dated

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

DATE 9/24/93 Inspector [signature]

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

M. Lipinski ck 472

No. 92-20 Town OF Amherst Fee 60.00 pd 6/17/92

Disposal Works Construction Permit

Permission is hereby granted Mike Lapinski

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

at No. 167 Shutesbury Road Lot 5 (Street)

as shown on the application for Disposal Works Construction Permit No. 92-20 Dated 6/17/92

[signature] for A. H. Opt (Board of Health)

DATE 6/17/92

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS

CHECK OR FILL IN WHERE APPLICABLE

Ronald Basto
Pd ck. 400.00
2271

TOWN OF Amherst

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 OBSERVED BY David Zamiski

BACK HOE OPERATOR R. Roberts BENCH MARK _____

PERC DEPTH 65" PRE SOAK TIME 11:55 PERC DEPTH 52" PRE SOAK TIME 12:04

TEST				
	12" 12:10	8" 12:54	12" 12:20	8" 12:53
	11" 12:19	7" 1:09	11" 12:24	7" 1:03
	10" 1230	6" 1:24	10" 12:32	6" 1:13
	9" 12:41		9" 12:43	5: 1:23

RATE (15) RATE (10)

#1

TOP 4
SUB 24
Fine — med sand cobbles stones DRY Packed 11'

#2

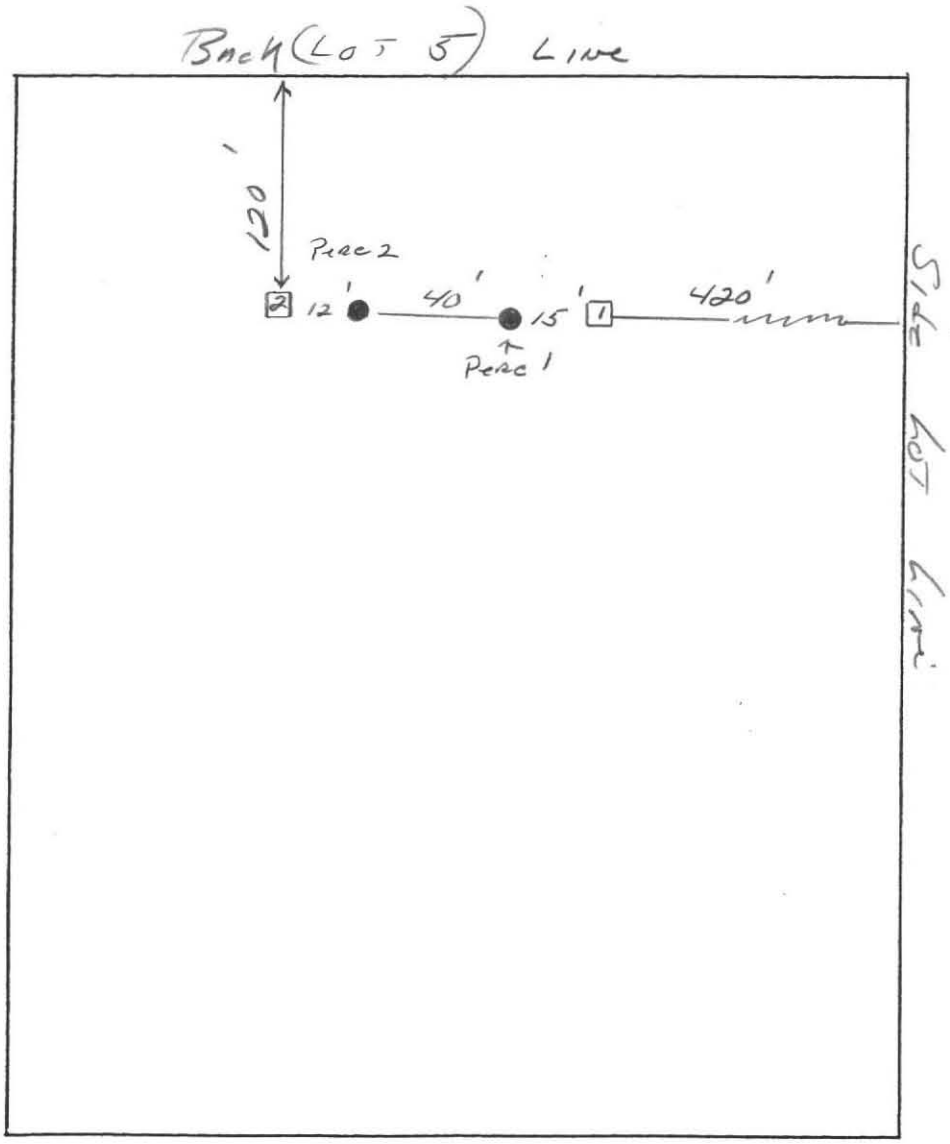
TOP 4
SUB 22
Fine-med sand packed Seepage 11' WATER 11'4"

TOP
SUB

TOP
SUB

TOP
SUB

TOP
SUB



EH1:PERCFORM

COLD SPRING ENVIRONMENTAL CONSULTANTS

- Subsurface Investigations
- 21E Site Investigations
- Pollution Remediation

- Percolation Tests and Septic Designs
- Regulatory Compliance

PERCOLATION TEST DATA

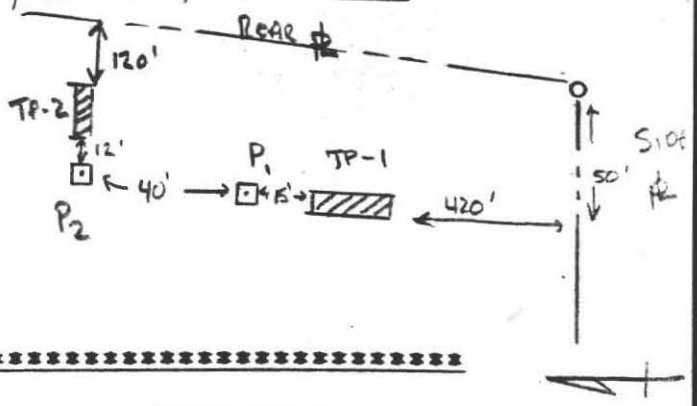
CLIENT M. PLANTING

ADDRESS NORTHEAST ST. LOT #5, AMHERST, MA.

DATE 3/10/92

WEATHER 45° F. CLOUDY

DESCRIPTION OF TEST HOLE LOCATION
(GIVE DESCRIPTION AND PICTURE)



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PERCOLATION DATA

	TEST #1 (11:55)	TEST #2 (12:04) → 12:20
12 INCH	12:10 TIME	11" = 12:24, 10" = 12:32
	11" = 12:19, 10" = 12:30, 9" = 12:41	
9 INCH	12:41 TIME	9" = 12:43
8 INCH	12:54 TIME	8" = 12:53
7 INCH	1:09 TIME	7" = 1:03
6 INCH	1:24 TIME	6" = 1:13
	(15 MIN/IN)	(10 MIN/IN)

PASS AVERAGE PERC RATE = 15 MIN/INCH

DEPTH OF SMALL PERC TEST 65"/52" IN.

TEST HOLE LOG

	TP-1		TP-2
0--	0-4"	BROWN SANDY LOAM	0"-4"
2'--	4"-24"	ORANGE-BRN SILTY SUB	4"-22"
4'--			
6'--	24" → 11.0'	GREEN-BROWN FINE-MED SAND, SOME COBBLES	22" → 11'-4" (H2O @ 11')
8'--			
10'--	(NO H2O) 11' REFUSAL		11'-4" REFUSAL
12'--			

(NOTE: WATER SEEP @__

****

CLASSIFICATION OF PERCABLE MATERIAL: GREEN-BROWN FINE-MEDIUM SANDY TILL, SOME COBBLES.

NAMES OF PERSONS PRESENT: DAVE ZARCZINSKY, B.O.H.

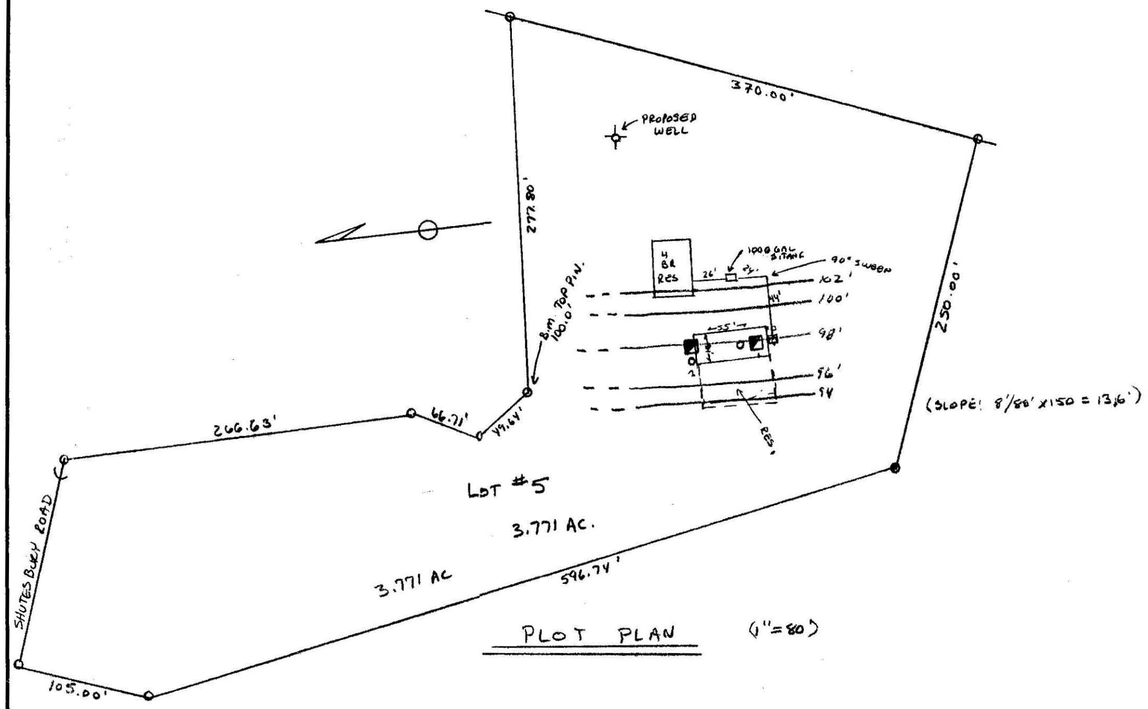
A. E. Weiss

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

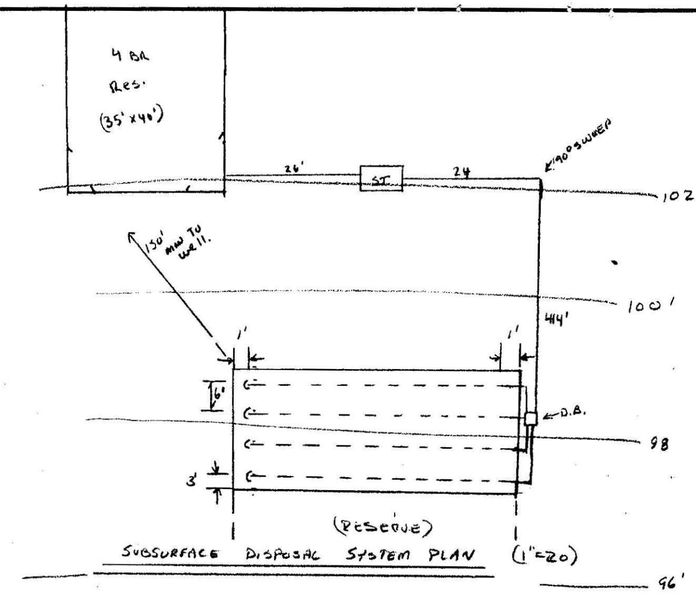
BARBARA B. WEISS
GEOLOGIST

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG. #933
REGISTERED SANITARIAN

121 Turkey Hill Road • Belchertown, MA 01007 • (413) 323-5957



PLOT PLAN (1"=80')



SUBSURFACE DISPOSAL SYSTEM PLAN (1"=20')

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SOIL LOGS

BY A. WEISS 3/10/92

DESIGN NOTES

1. DESIGN BASED ON PERCS OF 15 AND 10 MIN/IN (3/10/92)
2. 4 BR x 110 GAL/DAY x 1.25 = 550 GAL/DAY
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   BOT; 55 ft x 24 ft x .43 GAL/DAY = 568 GAL/DAY
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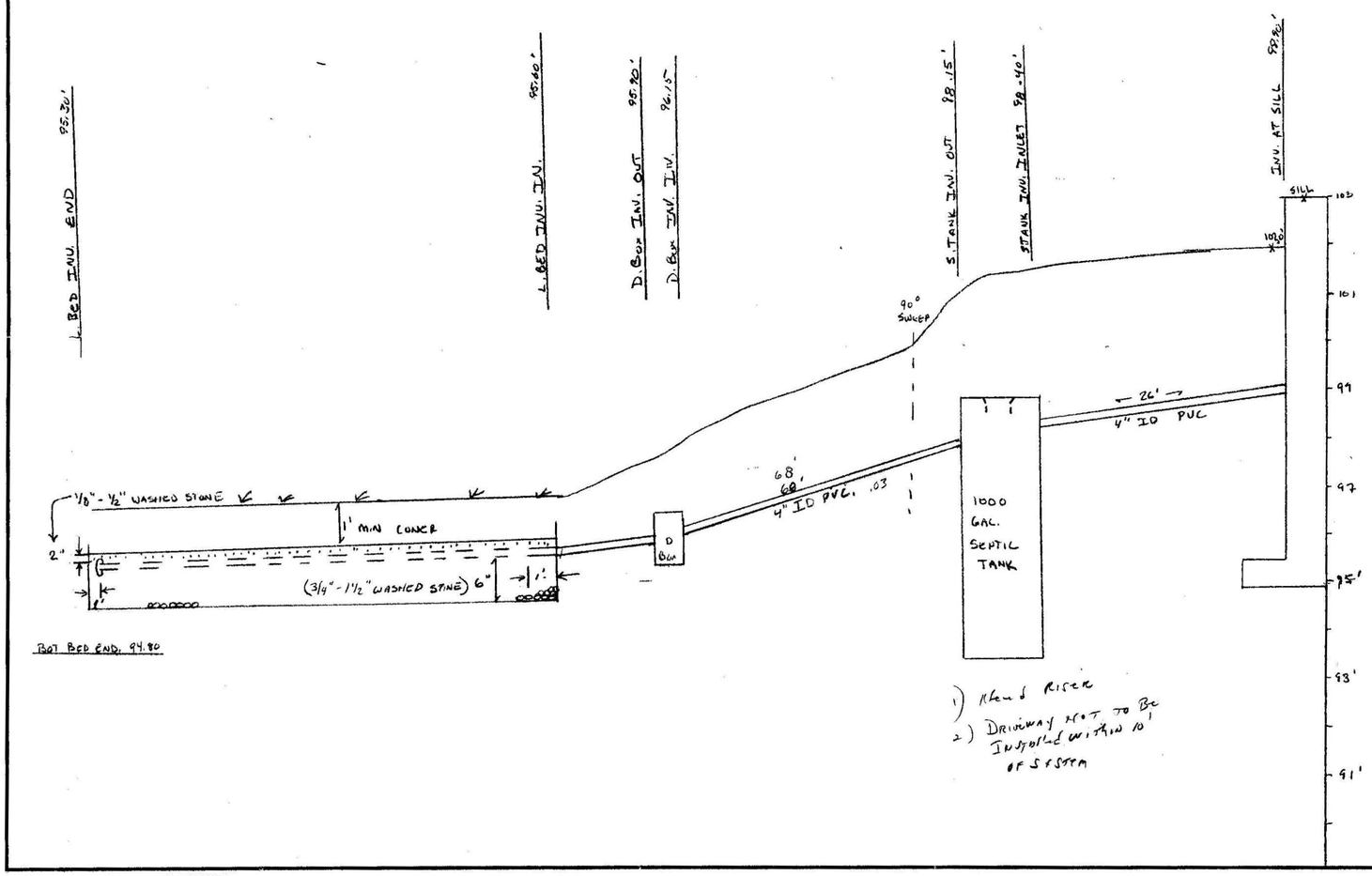


1) Need Riser
2) Driveway not to be installed within 10' of system

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG. #9393

SEPTIC SYSTEM PLAN FOR MIKE LAPINSKI LOT 5, SHUTESBURY RD., AMHERST, MA.		
SCALE: NOTED	APPROVED BY:	DRAWN BY AW
DATE: 6/12/92		REVISED
COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.		
BELCHERTOWN, MA. 323-5957		DRAWING NUMBER 92-193-02

17 X 22 PRINTED ON NO. 1000H CLEARPRINT

Quabbin Analytical Laboratory

Box 1192 Stadler Street, Belchertown, MA 01007
413-323-7134

Name: Mike Lipinski
Address: 160 Maple Drive
Amherst, MA 01002

Sample Location:
(167) Shutesbury Road LOT #5
Amherst, MA 01002

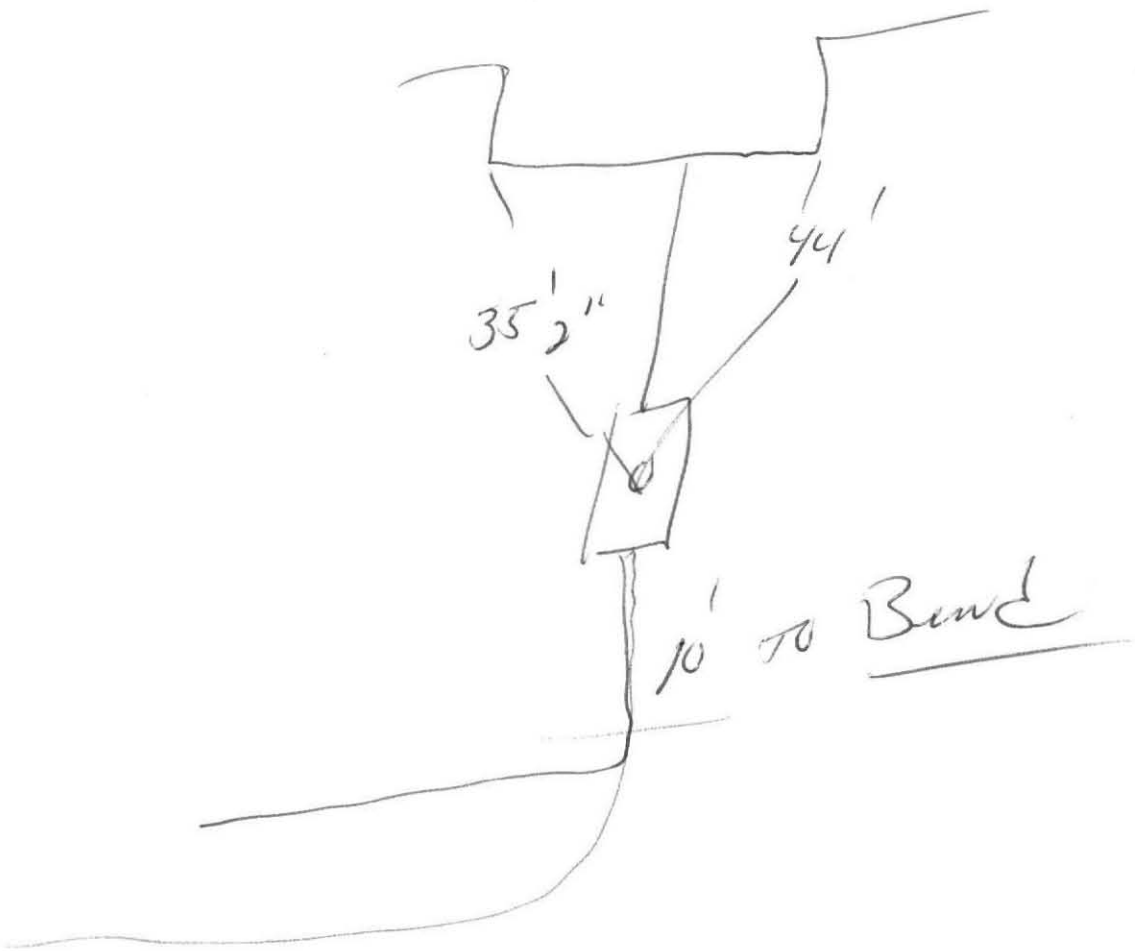
Sample Date: 5-18-93
Report Date: 5-20-93
Collected By: Buzzy Booth
Type Supply: Well
Sample No.: # QAL 504
Mass. Lab. # 02454

TESTED FOR	RESULTS	MAX. RECOMMENDED LEVELS
Total Coliform Bacteria	Neg	Pos or Neg
Nitrite	0	1.0 mg/1
Nitrate	0	10.0 mg/1
pH	7.28	6.5-8.5
Alkalinity	44.0	No Limit
Iron	*.56	.30 mg/1
Manganese	*.311	.05 mg/1
Copper	0	1.3 mg/1
Sulfate	28.0	No Limit
Chloride	10.7	250 mg/1
Chlorine	0	.05 mg/1
Hardness	64.0	No Limit
Conductivity	163.3	No Limit
Total Dissolved Solids	81.6	500 mg/1
Turbidity	3.8	5 NTU

Results are only for those items listed above and on the above collected date. Except for the following * See Below, the sample was found to be within acceptable levels for D.E.P. Drinking Water Standards.

If there are any questions on this report, please do not hesitate to call this office.

* Iron & Manganese

David Fredenburgh, Director

TANK LOCATION
9/24/93