

41 Leverett Rd  
Margaret Wright



No. 03-03

FEE 225<sup>00</sup> PL  
CH# 5168



COMMONWEALTH OF MASSACHUSETTS

Board of Health, AMHERST, MA.

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

Application for a Permit to Construct ( ) Repair ( ) Upgrade ( ) Abandon ( ) -  Complete System  Individual Components

Location <u>M. WRIGHT</u>	Owner's Name <u>M. WRIGHT</u>
Map/Parcel# <u>41 LEVERETT RD</u>	Address <u>41 LEVERETT RD</u>
Lot# <u>AMHERST, MASS</u>	Telephone# <u>AMHERST MASS 549 3879</u>
Installer's Name	Designer's Name <u>WILLIAM SIERUTA</u>
Address	Address <u>46 UPLAND RD HOLYOKE MASS</u>
Telephone#	Telephone# <u>532 8525</u>

Type of Building RESIDENTIAL HOME Lot Size EXISTING sq. ft.  
 Dwelling - No. of Bedrooms 3 BEDROOM NO DISPOSAL Garbage grinder NO  
 Other - Type of Building SINGLE FAMILY No. of persons 6 Showers 1, Cafeteria NO  
 Other Fixtures FULL BMT  
 Design Flow (min. required) 110+3 gpd Calculated design flow 330 Design flow provided 333 gpd  
 Plan: Date JAN 10 2003 Number of sheets 1 Revision Date \_\_\_\_\_  
 Title SEPTIC SYSTEM DESIGN FOR M. WRIGHT- 41 LEVERETT RD  
 Description of Soil(s) SEE ATTACHED  
 Soil Evaluator Form No. 11 Name of Soil Evaluator WJ SIERUTA Date of Evaluation 1/23/02

DESCRIPTION OF REPAIRS OR ALTERATIONS Complete SEPTIC SYSTEM Upgrade.

The undersigned agrees to install the above described Individual Sewage Disposal System in accordance with the provisions of TITLE 5 and further agrees to not to place the system in operation until a Certificate of Compliance has been issued by the Board of Health.

Signed William Sieruta Date 1/24/03

Inspections \_\_\_\_\_

No. 03-03

FEE 225<sup>00</sup> PL  
CH# 5168

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, MA.

CERTIFICATE OF COMPLIANCE

Description of Work:  Individual Component(s)  Complete System

The undersigned hereby certify that the Sewage Disposal System; Constructed ( ), Repaired ( ), Upgraded ( ), Abandoned ( )

by: William Sieruta

at \_\_\_\_\_ has been installed in accordance with the provisions of 310 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to application No. 03-03, dated \_\_\_\_\_ Approved Design Flow \_\_\_\_\_ (gpd)

Installer William Sieruta Designer: William Sieruta Inspector: David Grayson Date: 9/9/03

The issuance of this permit shall not be construed as a guarantee that the system will function as designed.

No. 03-03

FEE 225<sup>00</sup>  
CH# 5168  
Bill Sieruta PL

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, MA.

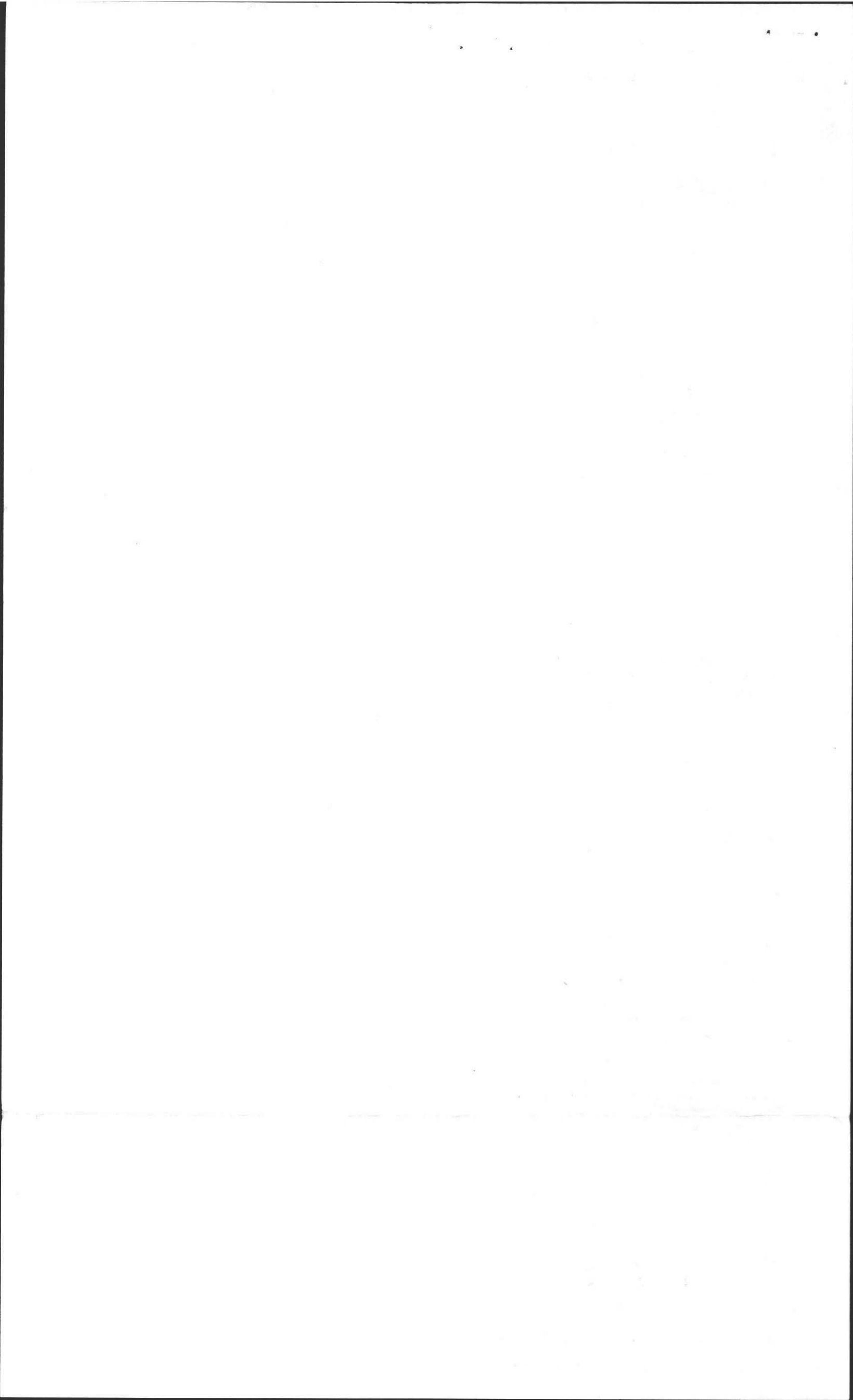
DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permission is hereby granted to; Construct ( ) Repair ( ) Upgrade ( ) Abandon ( ) an individual sewage disposal system at 41 Leverett Road as described in the application for

Disposal System Construction Permit No. 03-03, dated JAN 10, 2003 Rec-1/27/03

Provided: Construction shall be completed within three years of the date of this permit. All local conditions must be met.

Form 1255 Rev. 5/96 A.M. Sulkin Co. Boston, MA Date 1/27/03 Board of Health David Grayson





Commonwealth of Massachusetts  
Town of Amherst

**Soil Suitability Assessment : On-Site Sewage Disposal**

Performed By: William SICUTA Date: 01/23/02  
Witnessed By: David Z...

Location Address of: Lot #	Owner's Name: <u>MARG WEIGHI</u> Address of: <u>41 LEWIST RD</u> Telephone: <u>Amherst</u>
New Construction <input type="checkbox"/> Repair <input checked="" type="checkbox"/>	

**Office Review**

Published Soil Survey Available? No  Yes   
Year Published \_\_\_\_\_ Publication Scale \_\_\_\_\_ Soil Map Unit \_\_\_\_\_  
Drainage Class \_\_\_\_\_ Soil Limitations \_\_\_\_\_

Surficial Geologic Report Available? No  Yes   
Year Published \_\_\_\_\_ Publication Scale \_\_\_\_\_  
Geologic Material (map unit) \_\_\_\_\_  
Landform \_\_\_\_\_

Flood Insurance Rate Map:  
Above 500 year flood boundary? No  Yes   
Within 500 year flood boundary? No  Yes   
Within 100 year flood boundary? No  Yes

Wetland Area:  
National Wetland Inventory Map (map unit) \_\_\_\_\_  
Wetlands Conservancy Program Map (map unit) \_\_\_\_\_

Current Water Resource Conditions (usgs): month \_\_\_\_\_  
Range: Above Normal  Normal  Below Normal

Other Reference Reviewed:

3 Be down  
no 9/9

Per 15.0  
Plans + FINAL 75.00  
B. H. Sicuta 225 pd  
Ch. 5168

**Determination: Seasonal High Water Table**

**Methods Used:**

- Depth observed standing in observation hole \_\_\_\_\_ inches
- Depth weeping from side of observation hole \_\_\_\_\_ inches
- Depth to soil mottles \_\_\_\_\_ inches
- Ground water adjustment \_\_\_\_\_ feet

Index Well No. \_\_\_\_\_ Reading Date \_\_\_\_\_ Index Well Level \_\_\_\_\_  
Adjustment factor \_\_\_\_\_ Adjusted ground water level \_\_\_\_\_

**Depth of Naturally Occurring Previous Material**

Does at least four feet of naturally occurring previous materials exist in all areas observed throughout the area proposed for this soil absorption system? \_\_\_\_\_

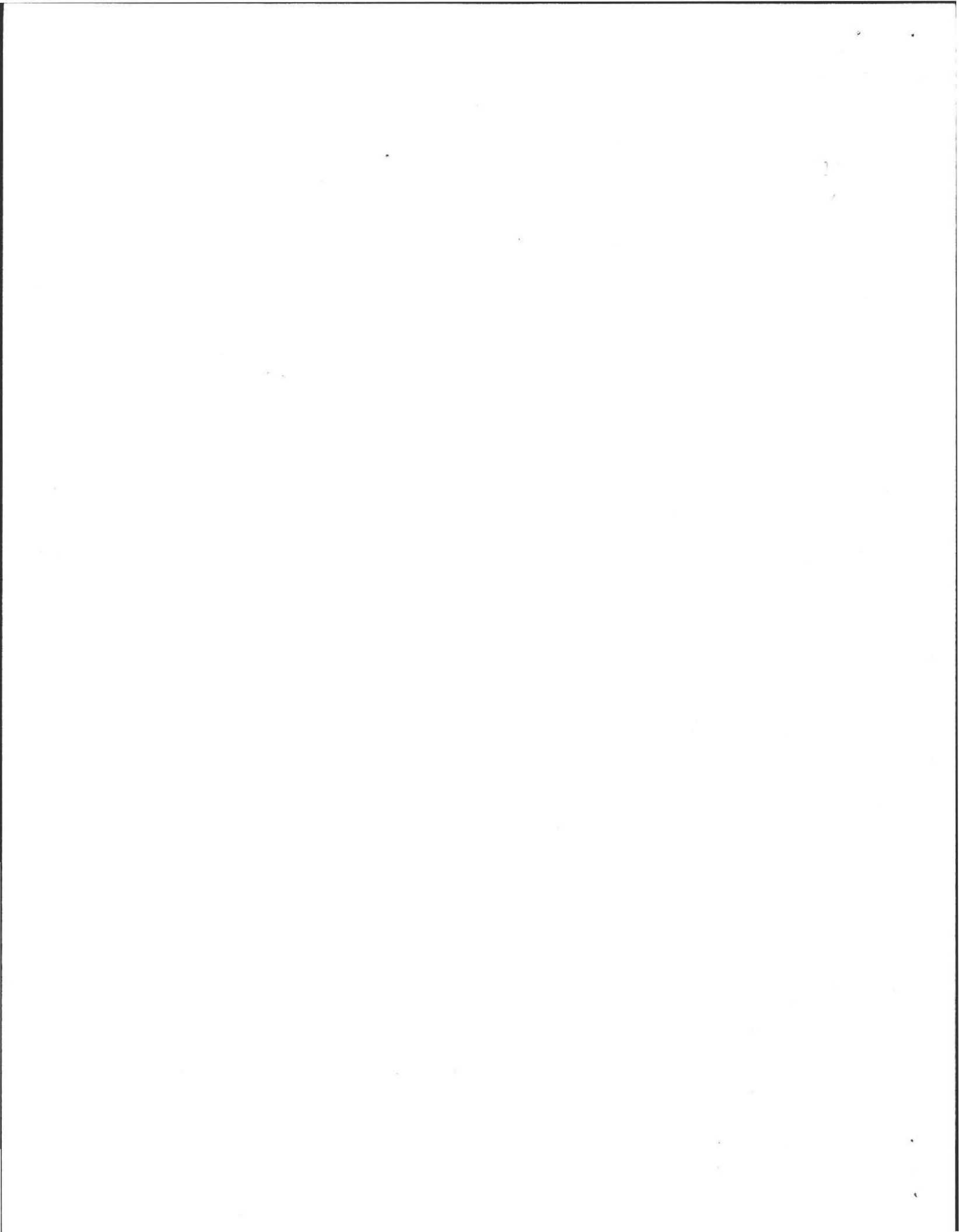
If not, what is the depth of naturally occurring previous material?  
\_\_\_\_\_

**Certification**

I certify that on \_\_\_\_\_ (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience described in 310 CMR 15.017.

Signature \_\_\_\_\_  
Date \_\_\_\_\_

24 330



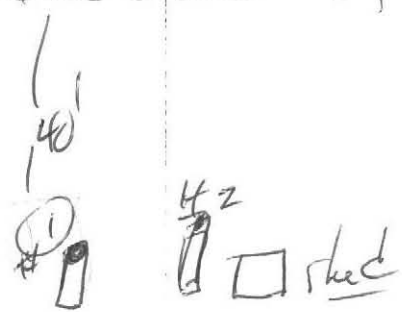
FORM 12: Percolation Test  
Location Address or Lot #

Levett Rd

Commonwealth of Massachusetts  
Town of Amherst

3 Bedrooms

~~State wall~~ Tank  
cup



PERCOLATION TEST \*

DATE: 01/23/02

TIME: 10:06/6

Observation Hole #	<u>1</u>	
Depth of Perc	<u>55"</u>	
Start Pre-soak	<u>10:15</u>	<u>25 gal</u>
End Pre-soak	<u>10:30</u>	
Time at 12"	<u>10:30</u>	
Time at 9"	<u>10:36</u>	
Time at 6"	<u>10:43</u>	
Time (9"-6")	<u>7 min</u>	
Rate Min./Inch	<u>2"</u>	

\*Minimum of one percolation test must be performed in both the primary area and reserve area.

Site Passed

Site failed

Performed by

William Seward

Witnessed by

David Lanzetta

Comments:

Levett Road

0

On-Site Review

Deep Hole Number ① Date: 01/23/02 Time 11:15  
 Weather clear 38°  
 Location (identify on site plan) \_\_\_\_\_  
 Land Use Resid. Slope (%) 0  
 Surface Stone \_\_\_\_\_  
 Vegetation: lawn

Landform: outwash plain

Position on Landscape (sketch on back) \_\_\_\_\_

Distances from:  
 Open Water Body 100 feet      Drainageway — feet  
 Possible Wet Ares — feet      Property Line 25 feet  
 Drinking Water Well — feet      Other \_\_\_\_\_

DEEP OBSERVATION HOLE LOG

depth from surface (inches)	soil horizon	soil texture (USDA)	soil color (Munsell)	soil mottling	other (structure, stones, boulders) Consistency, % gravel
0	AP <sub>2</sub>	10YR 2-2	SL		
12	AP <sub>1</sub>				
20	BW <sub>50</sub>	10YR 5-8	LS		20% gravel 30 cobbles
120	C <sub>1</sub>	10YR 5-3	S		Same stone

Parent Material (geologic) \_\_\_\_\_  
 Depth to Bedrock 120  
 Depth to Groundwater :  
 Standing Water in the Hole —  
 Weeping from Pit Face —  
 Estimated Seasonal High Water 120" +

On-Site Review

Deep Hole Number ② Date: \_\_\_\_\_ Time \_\_\_\_\_  
 Weather \_\_\_\_\_  
 Location (identify on site plan) \_\_\_\_\_  
 Land Use \_\_\_\_\_ Slope (%) \_\_\_\_\_  
 Surface Stone \_\_\_\_\_  
 Vegetation: \_\_\_\_\_

Landform: \_\_\_\_\_

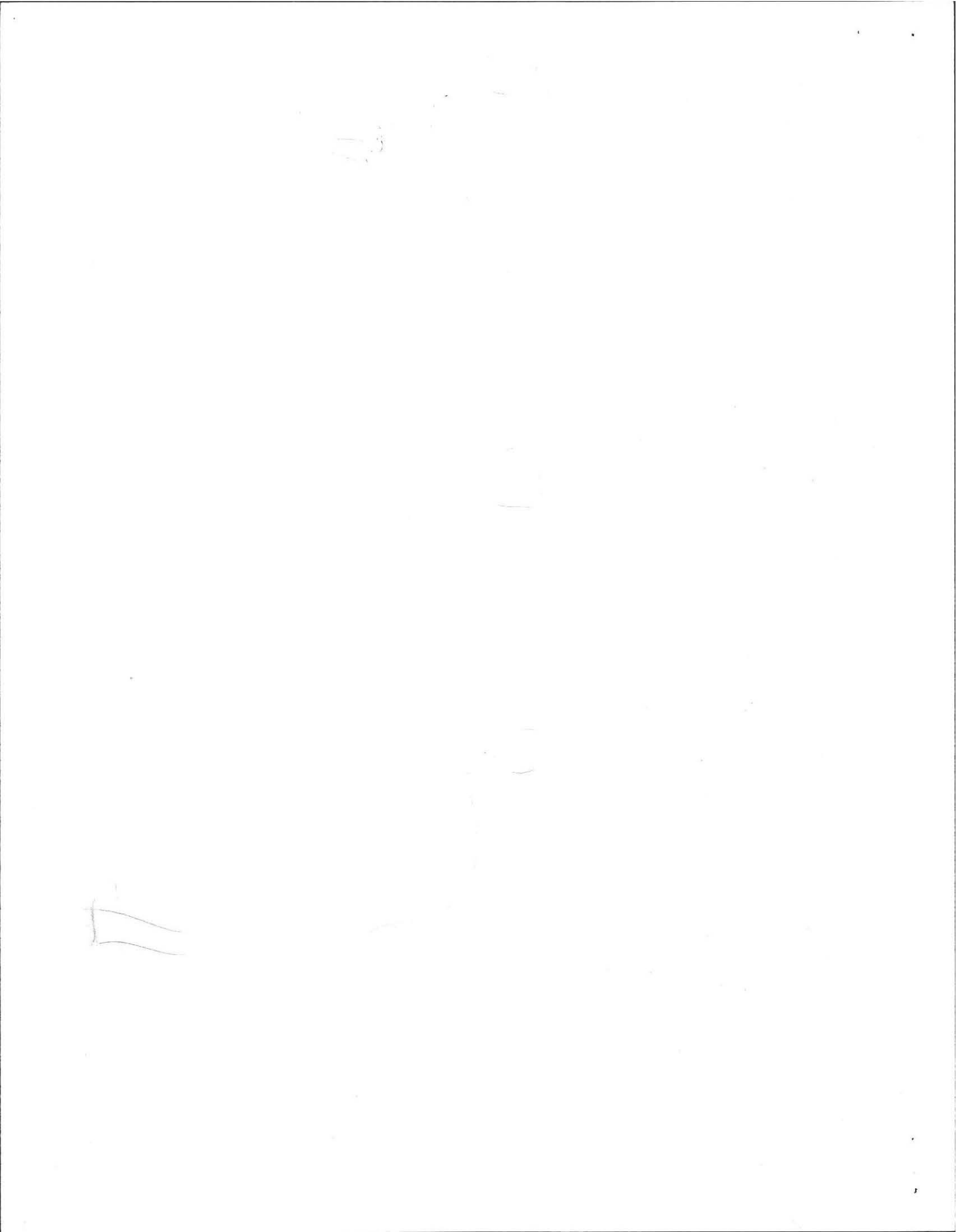
Position on Landscape (sketch on back) \_\_\_\_\_

Distances from:  
 Open Water Body \_\_\_\_\_ feet      Drainageway \_\_\_\_\_ feet  
 Possible Wet Ares \_\_\_\_\_ feet      Property Line \_\_\_\_\_ feet  
 Drinking Water Well \_\_\_\_\_ feet      Other \_\_\_\_\_

DEEP OBSERVATION HOLE LOG

depth from surface (inches)	soil horizon	soil texture (USDA)	soil color (Munsell)	soil mottling	other (structure, stones, boulders) Consistency, % gravel

Parent Material (geologic) \_\_\_\_\_  
 Depth to Bedrock \_\_\_\_\_  
 Depth to Groundwater :  
 Standing Water in the Hole \_\_\_\_\_  
 Weeping from Pit Face \_\_\_\_\_  
 Estimated Seasonal High Water \_\_\_\_\_



WILLIAM J. SIERUTA, P. E.  
REG. PROFESSIONAL ENGINEER  
46 UPLAND RD.  
HOLYOKE, MA 01040

5-13/110  
0097020110

5168

DATE: 1/23/02

SAFETY PAPER

PAY TO THE  
ORDER OF

TOWN Amherst \$ 225.00

two hundred twenty

DOLLARS

Security Features  
Include:  
- Details on Back



Fleet

88143

First Community Bank  
www.fleet.com  
Fleet - Boston, Massachusetts

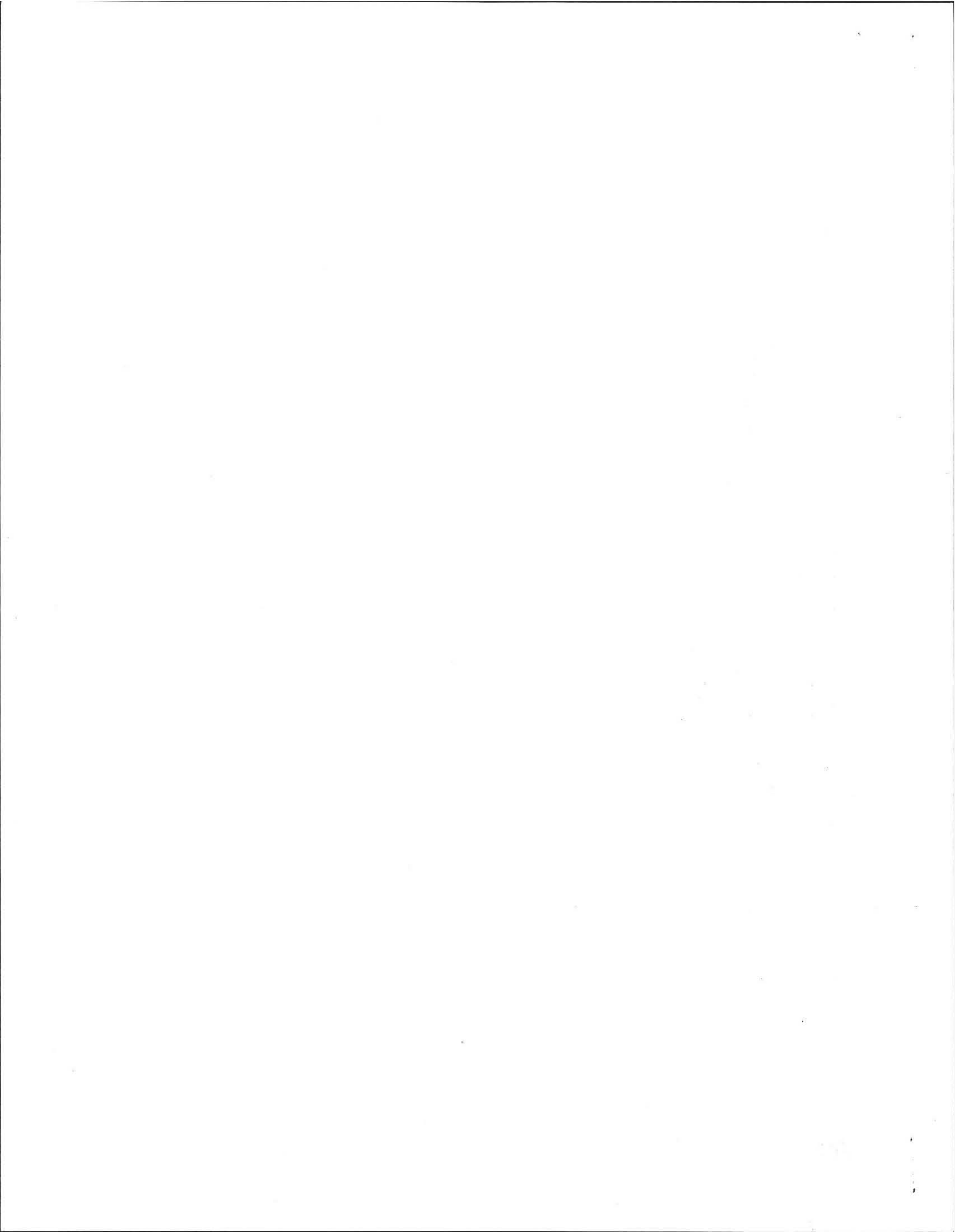
Five

*W. Sieruta*

MP

MEMO \_\_\_\_\_

⑆011000138⑆ 00970 20110⑈ 5168





No. \_\_\_\_\_

Date: 1/23/02

Commonwealth of Massachusetts  
Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: WILLIAM SIEKUYA PEEVAL Date: 1/23/02  
Witnessed By: DAVID ZAROZIWSKI BOH

Location Address or Lot # <u>M. WRIGHT 41 LEVERETT RD AMHERST MASS</u>	Owner's Name Address, and Telephone # <u>M. WRIGHT 41 LEVERETT RD AMHERST MASS</u>
New Construction <input checked="" type="checkbox"/> Repair <input checked="" type="checkbox"/>	

**Office Review**

Published Soil Survey Available: No  Yes

Year Published ..... Publication Scale

Drainage Class ..... Soil Limitations

Surficial Geologic Report Available: No  Yes

Year Published ..... Publication Scale

Geologic Material (Map Unit) .....

Landform .....

Flood Insurance Rate Map:

Above 500 year flood boundary No  Yes

Within 500 year flood boundary No  Yes

Within 100 year flood boundary No  Yes

Wetland Area:

National Wetland Inventory Map (map unit) .....

Wetlands Conservancy Program Map (map unit) .....

Current Water Resource Conditions (USGS): Month

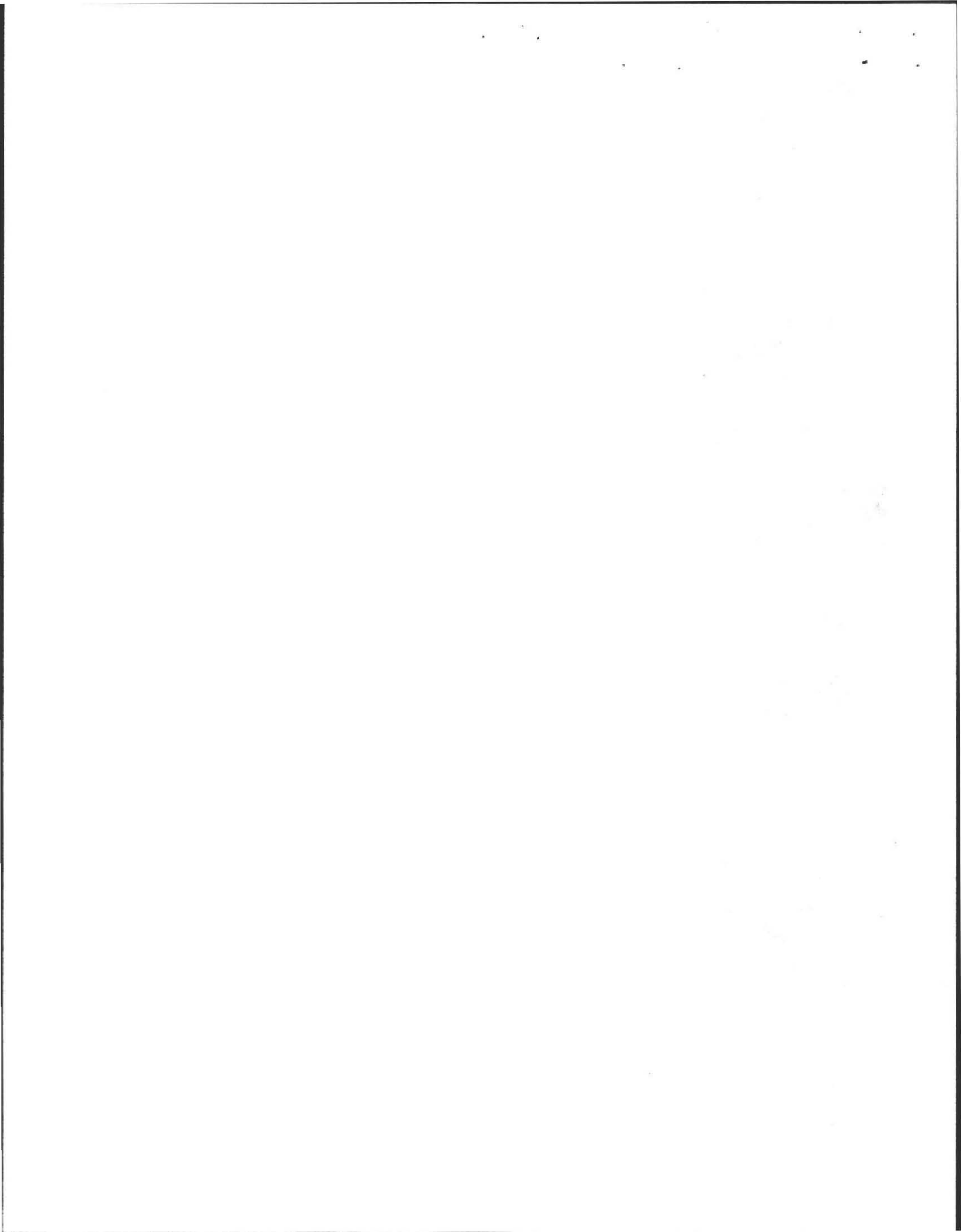
Range : Above Normal  Normal  Below Normal

Other References Reviewed: \_\_\_\_\_

*telephone*

Soil Map Unit





M. WRIGHT  
41 LEVERETT RD  
AMHERST MASS

Location Address or Lot No.

On-site Review

Deep Hole Number TP1-1 Date: 1/23/02 Time: 10 00 Weather: SUNNY COLD  
 Location (Identify on site plan) \_\_\_\_\_  
 Land Use RESIDENTIAL Slope (%) 0 Surface Stones SOME NOBOD  
 Vegetation LAWN  
 Landform OUTWASH TERRACE  
 Position on landscape (sketch on the back) \_\_\_\_\_  
 Distances from:  
 Open Water Body 250' feet Drainage way DNA feet  
 Possible Wet Area 250' feet Property Line see sketch feet  
 Drinking Water Well \_\_\_\_\_ feet Other \_\_\_\_\_

DEEP OBSERVATION HOLE LOG\*

Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-12	AP	S/L	10YR 2-2		
12-20	BW	4S	10YR 5-8		20% gravel 20% cobbles
20-120	C1	SAND COARSE	10YR 5-3	10YR 5-8 @ 85"	Few stones MASSIVE FRIABLE structureless

\* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) OUTWASH GRAVEL Depth to Bedrock: DNA  
 Depth to Groundwater: Standing Water in the Hole: DRY Weeping from Pit Face: DRY  
 Estimated Seasonal High Ground Water: MOTTLING 10YR 5-8 @ 85" EHW 85"



Location Address or Lot No.

41 LEVERETT RD  
AMHERST MA

On-site Review

Deep Hole Number TP1-2 Date: 1/23/02 Time: 10 00 Weather: SUNNY COLD  
 Location (Identify on site plan) \_\_\_\_\_  
 Land Use RESIDENTIAL Slope (%) 0 Surface Stones -  
 Vegetation LAWN AREA  
 Landform OUTWASH TERRACE  
 Position on landscape (sketch on the back) \_\_\_\_\_  
 Distances from:  
 Open Water Body 250' feet Drainage way - feet  
 Possible Wet Area 250' feet Property Line see sketch feet  
 Drinking Water Well \_\_\_\_\_ feet Other \_\_\_\_\_

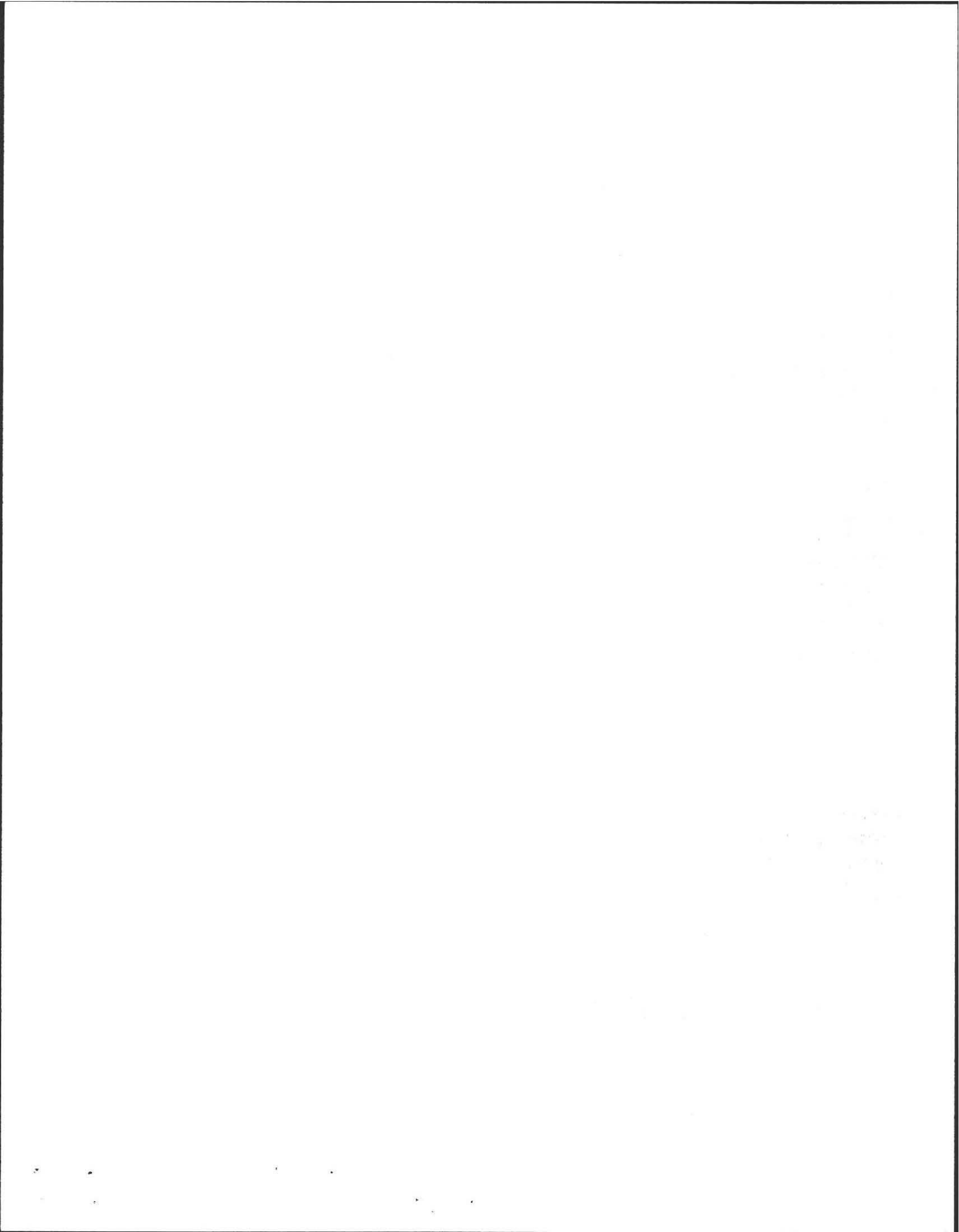
DEEP OBSERVATION HOLE LOG\*

Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-12	AP	SANDY LOAM	10YR 2-2		
12-20	BW	LOAMY SAND	10YR 5-8	10YR 5-8	20% gravel
20-120	C1	SAND COARSE	10YR 5-3	25	20% cobbles MASSIVE FRIABLE structureless

\* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) OUTWASH GRAVEL Depth to Bedrock: DNA  
 Depth to Groundwater: Standing Water in the Hole: DRY Weeping from Pit Face: DRY  
 Estimated Seasonal High Ground Water: MOTTLING 10YR 5-8 @ 85" EHW 85"





# Percolation Test

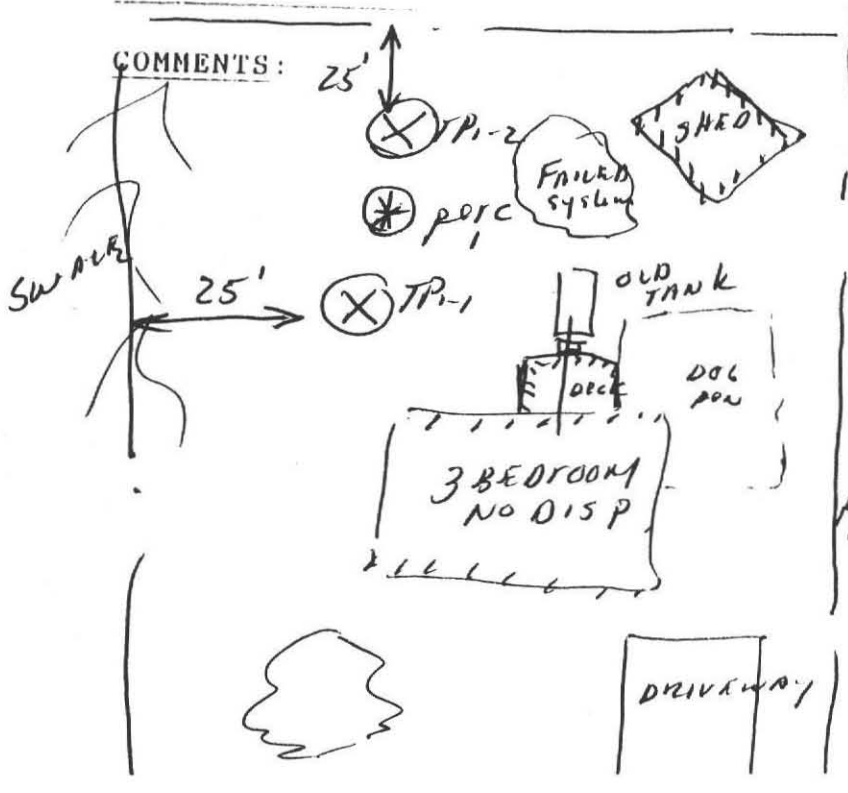
Test No.	Reading	Time	Saturation (15 min)
perc 1	10	15	1030
	11		1032
	10		1034
	9		1036
	8		1038
	7		1041
	6		1043
Perc Rate	Design rate 5.0 Min/inch		
Ground Elev.	54"		
Depth of Hole	54"		

Test No.	Reading	Time	Saturation (15 min)
perc 2	WAIVED BY BOH AGENT		
CONSISTENT SOILS LIMITED AREA			
Perc. Rate	Min/inch		
Ground Elev.			
Depth of Hole			

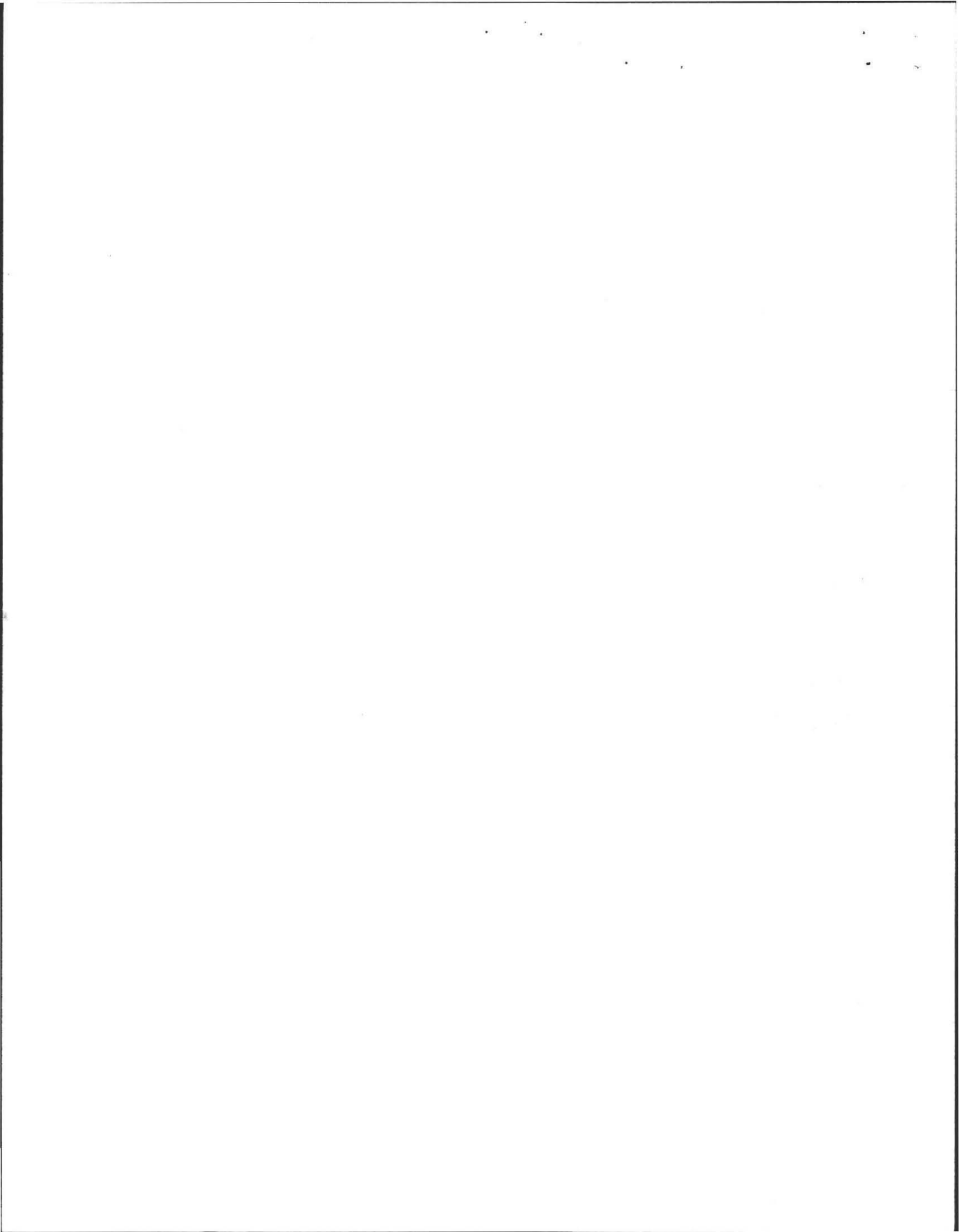
Test Pit	Depth	Soil Description
TP1-1	0-12	OTS LOAM
	12-20	SILTY GRAVEL SUB
	20-120	well graded gravel
Groundwater	Depth	Elev.
Bedrock	Depth	Elev.
Ground Elev.	EHWT 85"	

Deep Test Pit/g	Test Pit	Depth	Soil Description
TP1-2		0-12	OTS LOAM
		12-20	SILTY GRAVEL SUB SOIL
		20-120	well graded gravel
Groundwater	Depth	Elev. DRY	
Bedrock	Depth	Elev. -	
Ground Elev.	EHWT 85"		

S.C.S. Soil Description gravel Seasonal High Water Table? AS NOTED  
 Bench Mark: Elev. - Description -



Date: 1/23/02  
 Client: M. WRIGHT  
 41 LEVERETT RD  
 AMHERST MASS  
 Engineer: WJ SIERUTA  
 Witness: D ZAROZINSKI  
 Location of Perc: 41 LEVERETT RD  
 AMHERST MA



FORM 12 - PERCOLATION TEST

Location Address or Lot No. 41 LEVERETT RD

COMMONWEALTH OF MASSACHUSETTS  
Amherst, Massachusetts

Percolation Test*		
Date:	<u>1/23/02</u>	Time:
Observation Hole #	<u>TP1-1</u>	<u>TP1-2</u>
Depth of Perc	<u>54"</u>	<u>WAIVED BY</u>
Start Pre-soak	<u>10 15 - 10 30</u>	<u>BOH</u>
End Pre-soak	<u>24 gals</u> <u>10 30</u>	
Time at 12"	<u>10 30</u>	
Time at 9"	<u>10 36</u>	
Time at 6"	<u>10 43</u>	
Time (9"-6")	<u>7/3 = 2.33</u>	
Rate Min./Inch	<u>5.0</u>	

*48" SEPARATION REQD PER 310 CMR 15.212*  
\* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

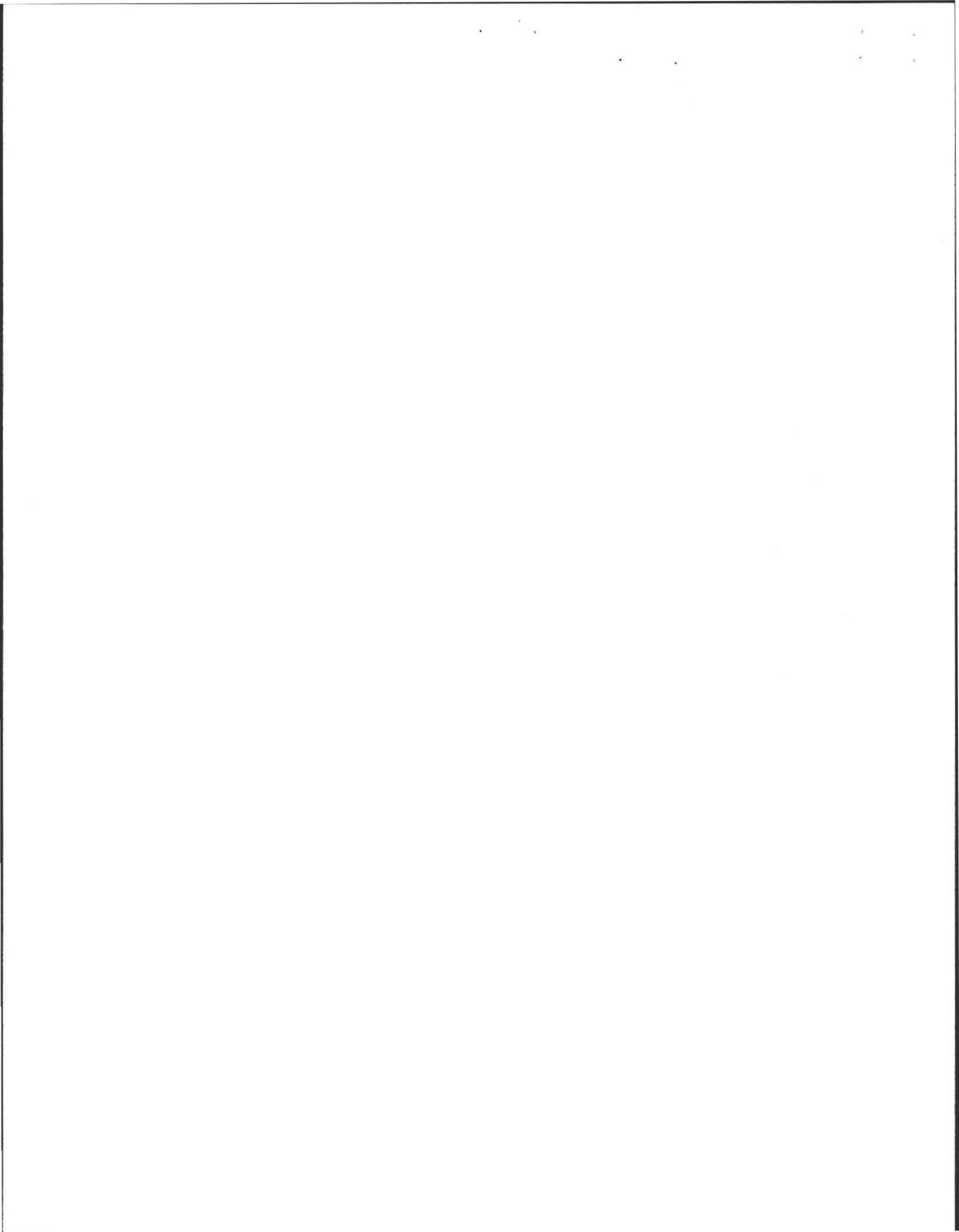
Site Passed  Site Failed

Performed By: WILLIAM SIERUTA PE EVAL

Witnessed By: DAVID ZAROVINSKI BOH AGENT

Comments:







Location Address or Lot No. 41 LEVERETT RD  
AMHERST MASS

**Determination for Seasonal High Water Table**

**Method Used:**

- |                                     |   |        |                |                |
|-------------------------------------|---|--------|----------------|----------------|
| <input checked="" type="checkbox"/> | Depth observed standing in observation hole | inches | <u>TP1-1</u>   | <u>TP1-2</u>   |
| <input checked="" type="checkbox"/> | Depth weeping from side of observation hole | inches | <u>DRY</u>     | <u>DRY</u>     |
| <input checked="" type="checkbox"/> | Depth to soil mottles                       | inches | <u>DRY</u>     | <u>DRY</u>     |
| <input type="checkbox"/>            | Ground water adjustment                     | feet   | <u>10425-8</u> | <u>85" 85"</u> |

Index Well Number	Reading Date	Index well level	<u>EHW</u>
Adjustment factor	Adjusted ground water level		<u>85"</u>

**Depth of Naturally Occurring Pervious Material**

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? yes

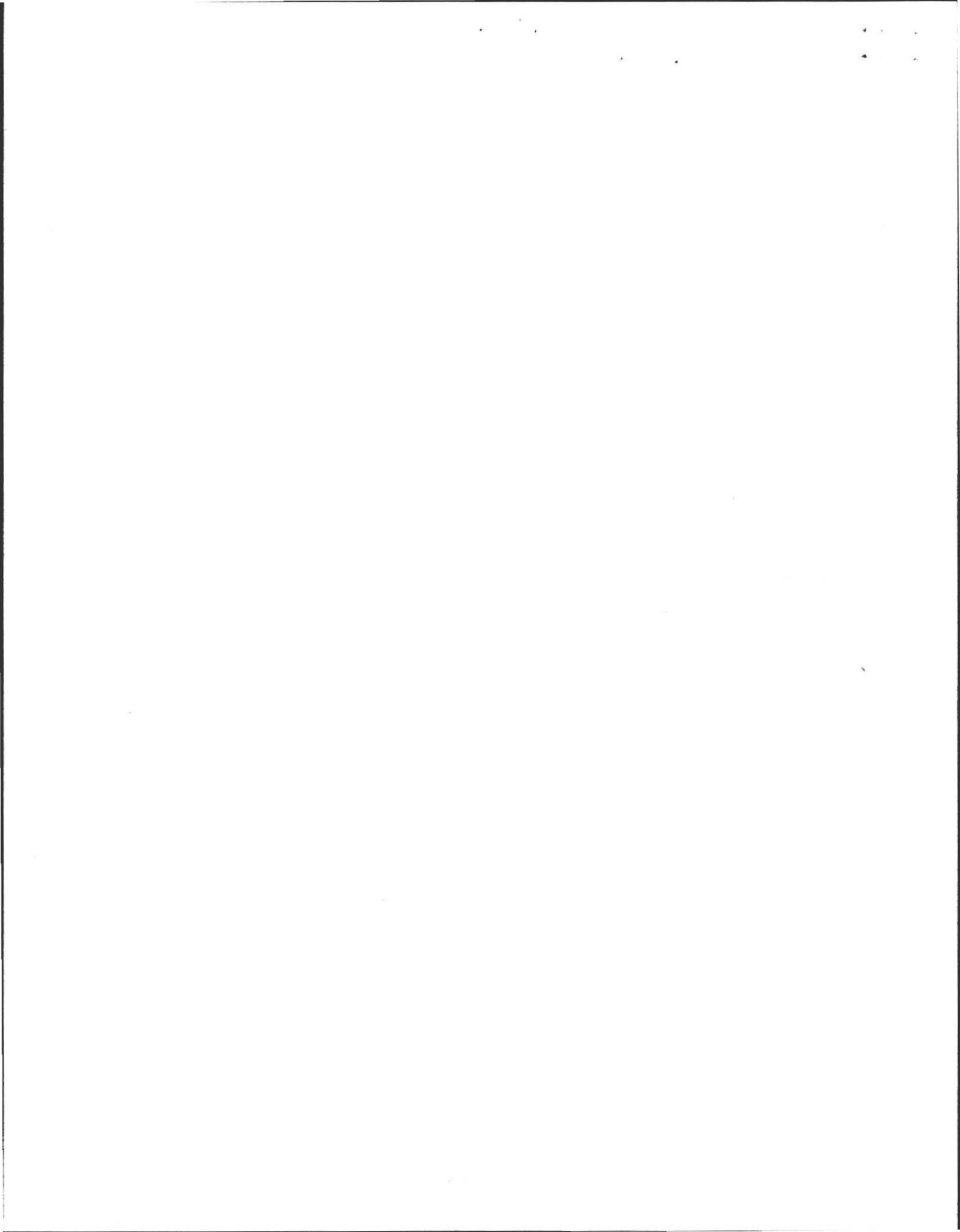
If not, what is the depth of naturally occurring pervious material? \_\_\_\_\_

**Certification**

I certify that on 5/95 (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

Signature William A. [Signature] Date 1/23/02





**William J. Sieruta, P.E.**  
**46 Upland Road**  
**Holyoke, MA. 01040**

Board of Health  
Town Hall  
Boltwood Walk  
Amherst, MA. 01002

October 2, 2003

Subject: As Built Inspection  
Margaret Wright  
41 Leverett Road  
Amherst, MA.

An "as built" inspection was completed for the subject septic system. The system is in compliance with 310 CMR 15.0 and local board of health regulations. If you need any additional information, please do not hesitate to contact me.

Very truly yours,

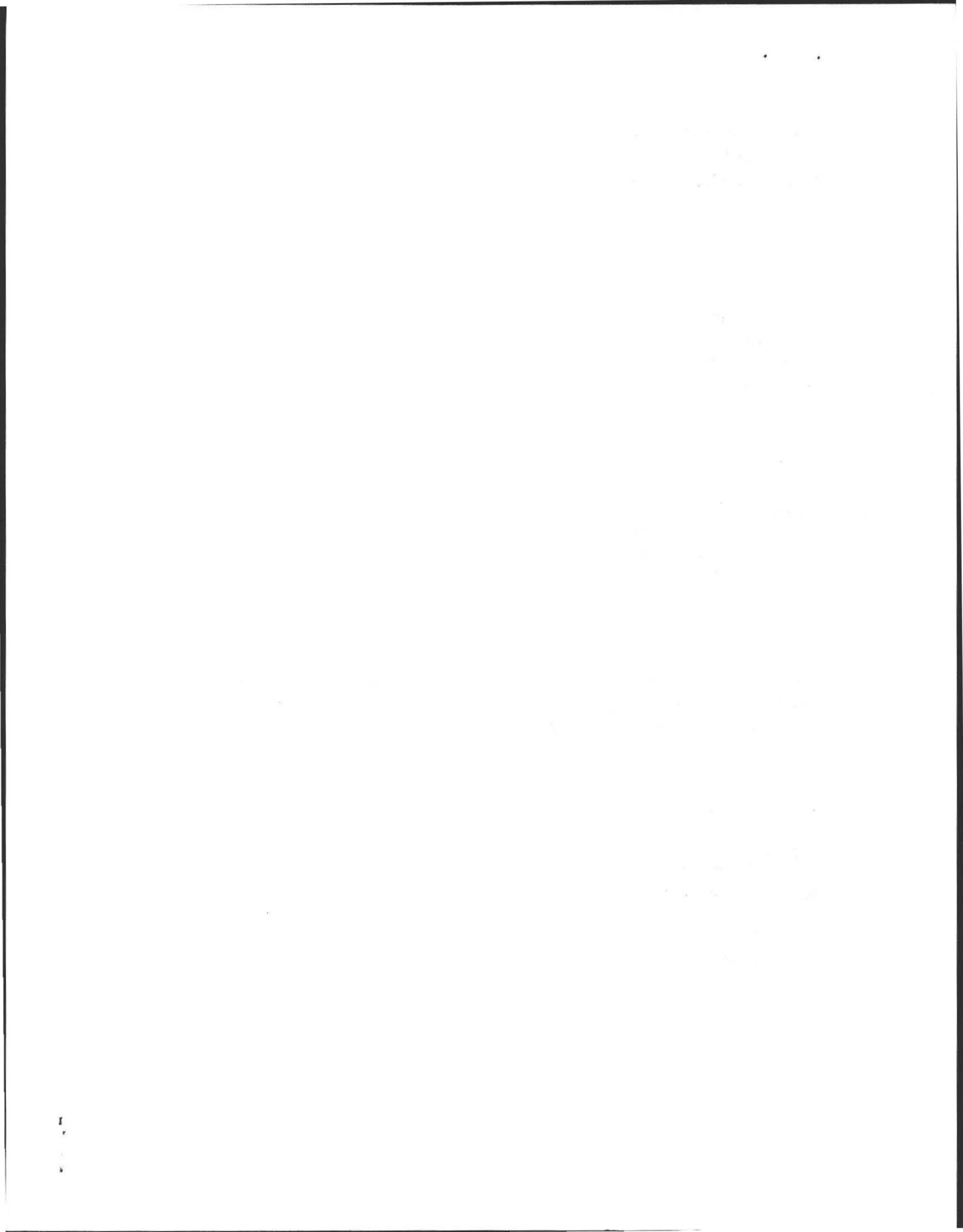


William J. Sieruta, P.E.

(MBS)

2CC: M. Wright

WJS:mbs





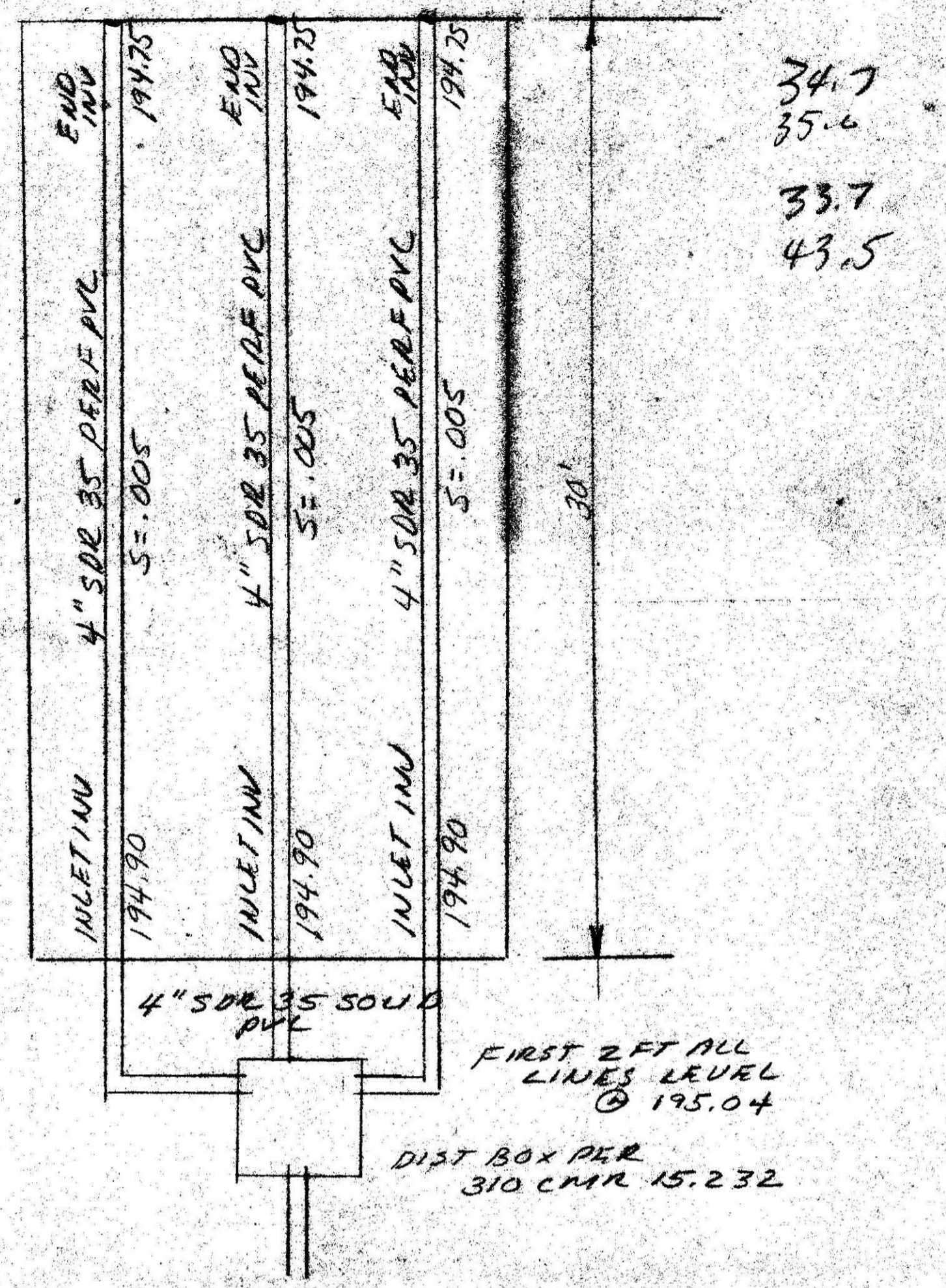
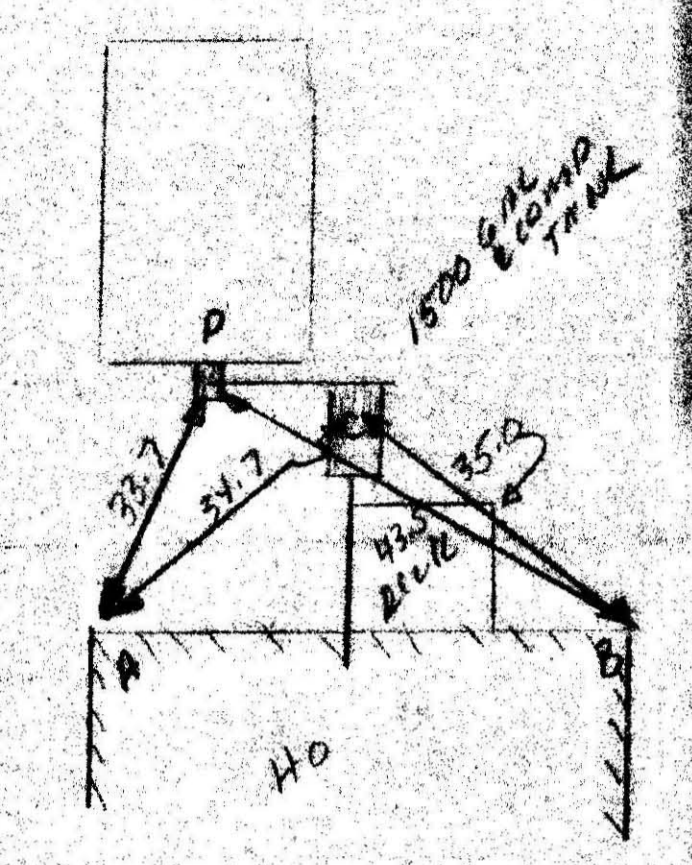
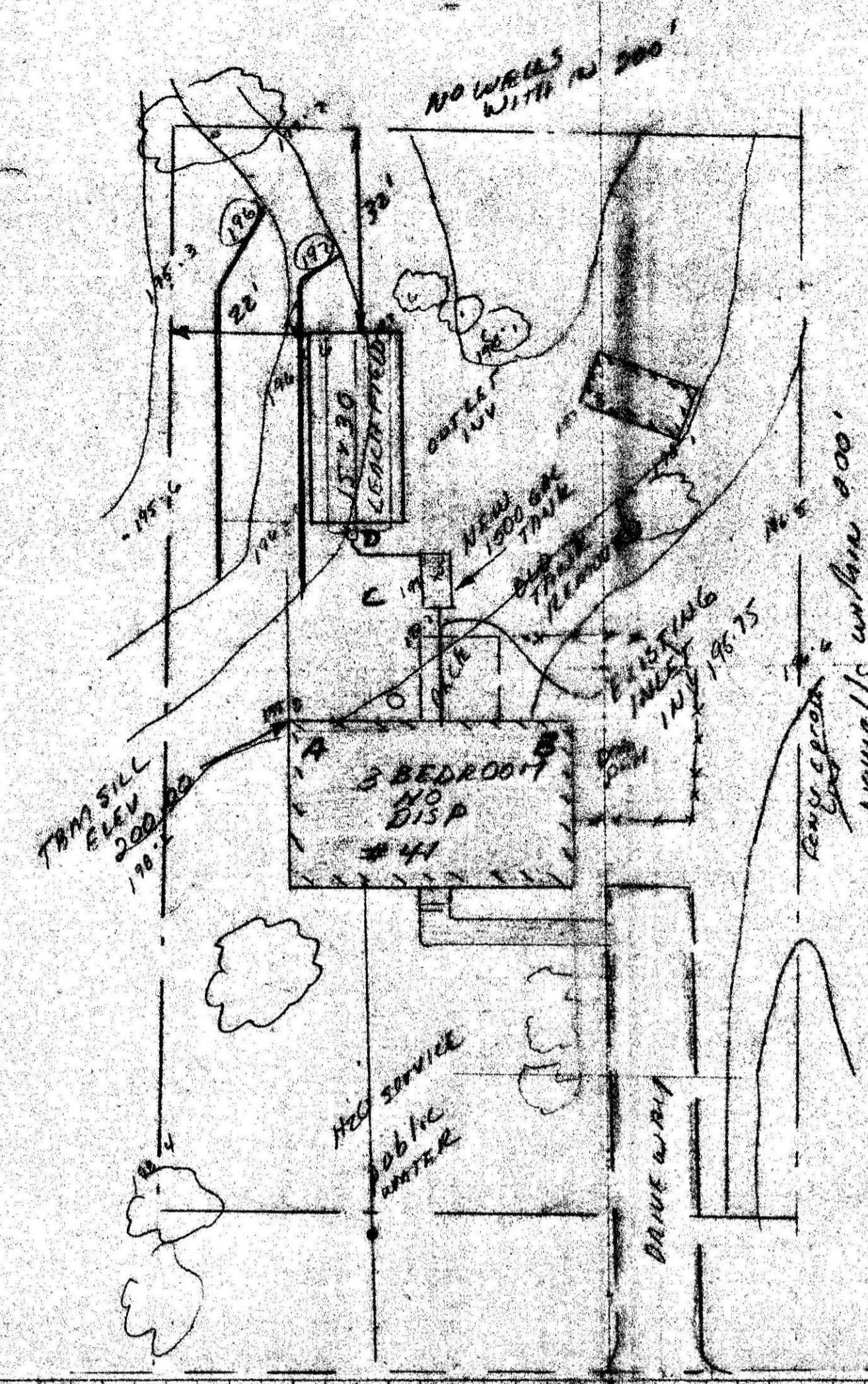
**PERCOLATION TEST INFORMATION**

TEST PIT TP1-1 1946			TEST PIT TP1-2		
12	0.75 LOAM	AP 10.1R 2-2 SANDY LOAM	0-12	12	0.75 LOAM
0	SILTY GRAVEL SUB SOIL	BU 10.4R 5-5 LOAMY SAND	18-20	0	SILTY GRAVEL SUB SOIL
100	WELL GRADED COARSE GRAVEL	C1 SAND COARSE	20-120	100	WELL GRADED COARSE GRAVEL
		10.4R 5-3			10.4R 5-3
		20% GRAVEL 20% COBBLES FEW STONES			20% GRAVEL 20% COBBLES FEW STONES

NO H<sub>2</sub>O  
NO WEERING  
MOTTLING 10.4R5B  
@ 85" ENWT 85" (189.52)

DATE: 1-23-02  
ENGR: W.J. SIERUTA PE/EVAL  
WITNESS: DAVID ZAROZINSKI BOH  
PERMEABILITY TEST PERCI @ TP1-1  
DEPTH 54"  
ACTUAL RATE: 2.33 MIN/INCH  
DESIGN RATE: 5.0 MIN/INCH  
CLASS I SOIL  
48" SEPARATION REQD PER 310 CMR 15.212

AS BUILT LIRS TO SEPT  
SEPTIC TANK  
AC 34.7'  
BC 35.0'  
DIST BOX  
AD 33.7'  
BD 43.5'



**DESIGN INFORMATION**  
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 TITLE 5 AND ALL LOCAL BOARD OF HEALTH REGULATIONS  
FINISH GRADING TO BE AS SHOWN ON PLAN VIEW  
ALL DISTURBED AREAS TO BE LOAMED AND SEEDED

**DESIGN CRITERIA**  
USE: EXISTING 3 BEDROOM SINGLE FAMILY RESIDENTIAL HOME, NO DISPOSAL UNIT  
FULL BMT PUBLIC H<sub>2</sub>O SERVICE  
DESIGN FLOW: 310 CMR 15.203  
REQD 110 GALS/BEDROOM X 3 = 330 GALS  
NO DISPOSAL UNIT

**SEPTIC TANK:** 310 CMR 15.223  
REQD 330 GALS X 200% = 660 GALS  
MINIMUM TANK SIZE PERMITTED 1500 GALS  
USE PRECAST CONC TANK 10'6" X 5' X 5"  
USE A TWO (2) COMPARTMENT 56" FROM BASE TO INLET INH (48" FLOW LINE)

**LEACHING SYSTEM:** DUE TO SOIL CONDITIONS A LEACH FIELD DESIGN IS TO BE USED PER 310 CMR 15.252

**PERMEABILITY**  
310 CMR 15.242  
DESIGN RATE 5.0  
ACTUAL RATE 2.33  
CLASS I SOIL  
BOTTOM AND SIDEWALL 74 GALS/100'

**LEACH FIELD DETAIL**  
SCALE 1" = 2' VERT  
1" = 4' HORIZ

**INSTALLATION NOTES**  
1. OLD TANK TO BE PUMPED CLEANED AND REMOVED  
2. NEW 1500 GAL (2) TWO COMPARTMENT TANKS TO BE USED. TANK TO HAVE INLET AND OUTLET TIERS IN ACCORDANCE WITH 310 CMR 15.227 & 15.210  
3. ALL STONE TO BE DOUBLE WASHED STONE FREE OF ALL SILT AND FINES  
4. ALL PIPE JOINTS WITH TANK & DIST BOX TO BE ASPHALT ROPE SEALED

**SEPTIC SYSTEM PROFILE**  
SCALE 1" = 4' HORIZ  
1" = 2' VERT

**LEACH FIELD DETAIL**  
SCALE 1" = 2' VERT  
1" = 4' HORIZ

**PERMEABILITY**  
310 CMR 15.242  
DESIGN RATE 5.0  
ACTUAL RATE 2.33  
CLASS I SOIL  
BOTTOM AND SIDEWALL 74 GALS/100'

**LEACH FIELD DETAIL**  
SCALE 1" = 2' VERT  
1" = 4' HORIZ

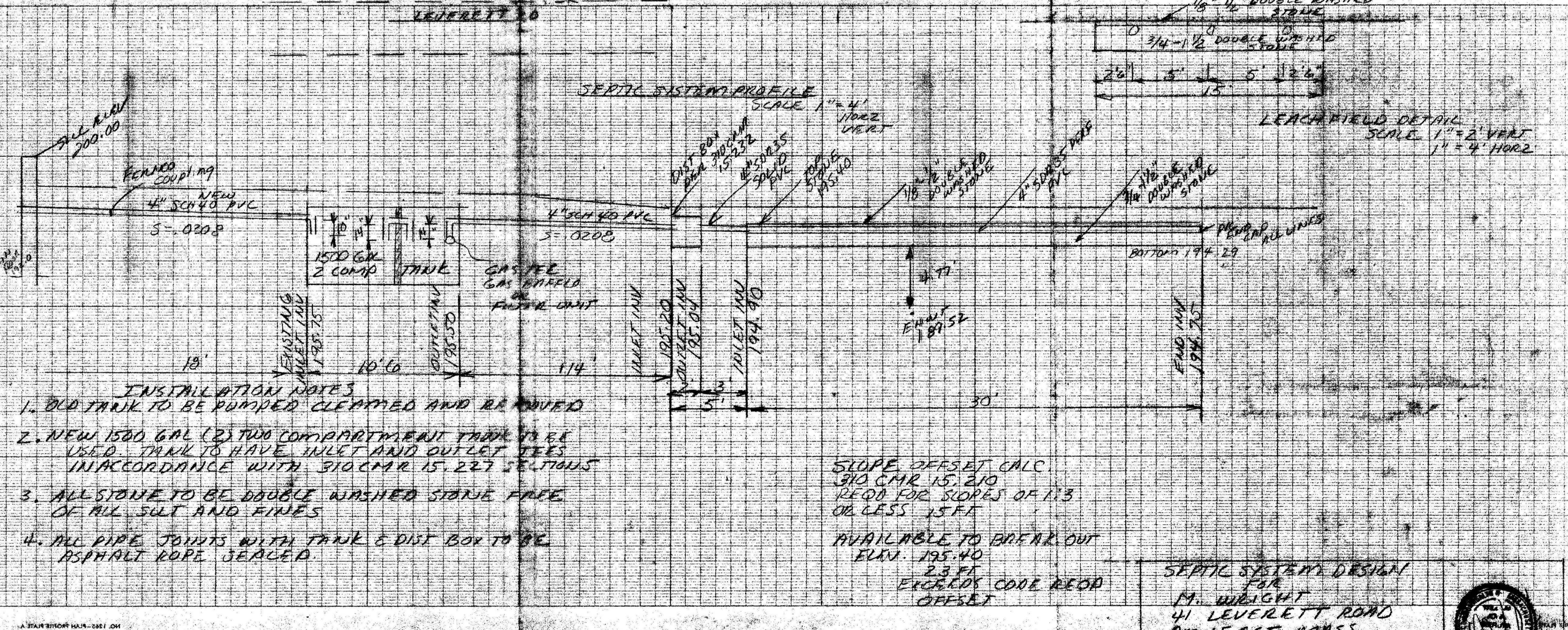
**INSTALLATION NOTES**  
1. OLD TANK TO BE PUMPED CLEANED AND REMOVED  
2. NEW 1500 GAL (2) TWO COMPARTMENT TANKS TO BE USED. TANK TO HAVE INLET AND OUTLET TIERS IN ACCORDANCE WITH 310 CMR 15.227 & 15.210  
3. ALL STONE TO BE DOUBLE WASHED STONE FREE OF ALL SILT AND FINES  
4. ALL PIPE JOINTS WITH TANK & DIST BOX TO BE ASPHALT ROPE SEALED

**SEPTIC SYSTEM PROFILE**  
SCALE 1" = 4' HORIZ  
1" = 2' VERT

**LEACH FIELD DETAIL**  
SCALE 1" = 2' VERT  
1" = 4' HORIZ

**PERMEABILITY**  
310 CMR 15.242  
DESIGN RATE 5.0  
ACTUAL RATE 2.33  
CLASS I SOIL  
BOTTOM AND SIDEWALL 74 GALS/100'

**LEACH FIELD DETAIL**  
SCALE 1" = 2' VERT  
1" = 4' HORIZ



SEPTIC SYSTEM DESIGN FOR  
M. WRIGHT  
41 LEVERETT ROAD  
AMHERST, MASS  
ENGR: W.J. SIERUTA PE  
DATE: JAN. 10, 2003

