

BOARD OF HEALTH

Town of Amherst

Rec 8/18/95

FEE

1160

Peric + Plan Review

140

Keith Kaneta

Application for Disposal System Construction Permit

Application is hereby made for a Permit to Install () or Repair/Replace (X) an Individual Sewage Disposal System at:

58 Stagecoach Rd.

William Poulter

Karl's Excavating

P.O. Box 60214 Florence, MA 01060

327 River Drive Haldley, MA 01035

Type of Building

Dwelling - No. of Bedrooms 3

Expansion Attic ()

Size Lot

Sq. feet

Garbage Grinder (No) inspected ok.

Other - Type of Building Single Family No. of persons 6

Showers () - Cafeteria ()

Other fixtures

Design Flow 55 gallons per person per day. Calculated daily flow 330 gallons.

Septic Tank - Liquid capacity 1500 gallons Length 126" Width 68" Diameter 64" Depth 64"

Disposal Trench - No. Width Total Length Total leaching area sq. ft.

Seepage Pit No. 1 Diameter 42'x12' Depth below inlet 1.25' Total leaching area 639 sq. ft.

Other Distribution box () Dosing tank ()

Percolation Test Results Performed by M. Lavigne / R. Bonsall Date 8-16-95

Peric Test Pit No. 1 3 minutes per inch Depth of Test Pit 55" Depth to ground water

Test Pit No. 2 A&B minutes per inch Depth of Test Pit 10' Depth to ground water >= 10'

Description of Soil

0-30" organic topsoil and loamy sand subsoil
30"-120" gravel, loamy sand, sand - DRY

Nature of Repairs or Alterations - Answer when applicable

Date Last Inspected 8-10-95

Agreement: - The undersigned agrees to install the afordescribed 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 Douglas Poulter

8/18/95 Date

Application Approved By Roger Bonsall

8/21/95 Date

Application Disapproved for the following reasons:

Permit No.

Issued 8/21/95

Date

Date

Amherst

BOARD OF HEALTH

Certificate of Compliance

THIS IS TO CERTIFY, That the On-Site Sewage Disposal System installed () or Repaired/Replaced (X) on 58 Stagecoach Rd by Steve Rowen for William Poulter at

has been constructed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal System Construction Permit No. dated

Use of this system is conditioned on compliance with the provisions set forth below:

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION AS DESIGNED. This Certificate expires on

DATE 8/25/95

Inspector Roger Bonsall

No.

FEE

Amherst

BOARD OF HEALTH

Disposal System Construction Permit

Permission is hereby granted to William Poulter

to Construct () or Repair/Replace (X) an On-Site Sewage Disposal System located at

58 Stagecoach Rd

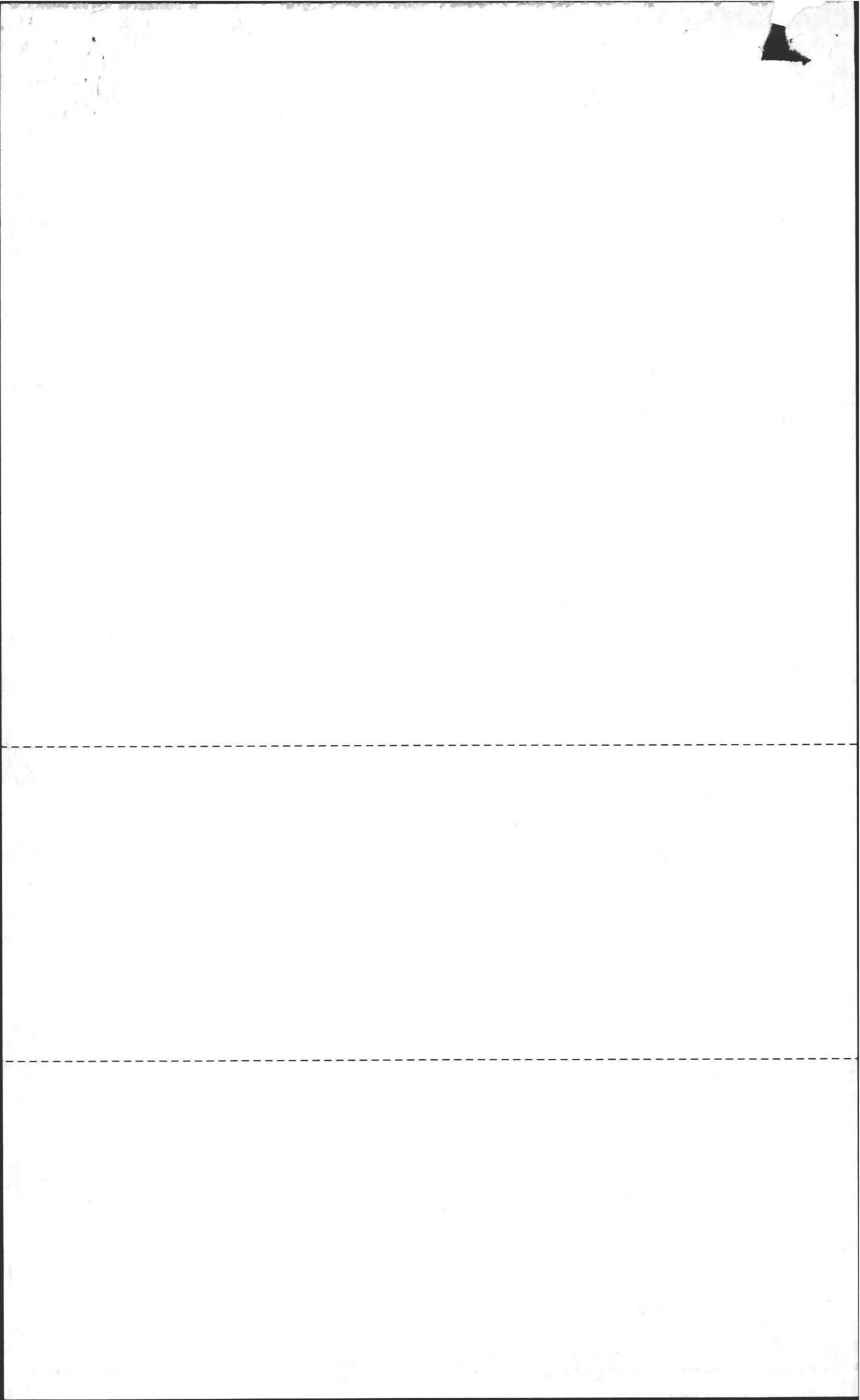
Street

as described on the application for Disposal System Construction Permit. The Applicant recognizes his/her duty to comply with Title 5 and the following local provisions or special conditions.

All construction must be completed within three years of the date below.

DATE 8/21/95

Roger Bonsall Board of Health



BOARD OF HEALTH, AMHERST, MASSACHUSETTS
APPLICATION FOR DISPOSAL WORKS CONSTRUCTION PERMIT

#58

No. 78-8 Date 11-30-78 Fee 15.00 Date Rec'd. Dec 1, 1978 By COH

Application is hereby made for a permit to Construct (X) or Repair () an Individual Sewage Disposal System at:

Location—Address Lot 215 Stagecoach Rd or Lot No. _____

Owner ALBERT FISZER (Formerly C. Adams) Address Southampton Mt.

Contractor KARLS ETC. Address NADURY

Type of Building _____ Dimensions _____ Size Lot .97 Acres

Dwelling—No. of Bedrooms 3 Expansion Attic (NB) Garbage Grinder (YES)

Other _____ No. of persons _____ Showers () _____

Other fixtures _____

Town Water? YES Type of Well _____

Design Flow 55 gallons per person per day. Total daily flow 330 gallons

Septic Tank—Liquid capacity 1500 gallons Dimensions: L 9 W 4 D 5

Disposal Trench—No. _____ Width _____ Total Length _____ Total leaching area _____ sq. ft.

Disposal Bed—No. 1 Diameter 10 x 30 Depth below inlet _____ Total leaching area 600 sq. ft. min.

Dry Well—No. 2 Diameter 1000 mm Depth below inlet _____ Dimensions: 12 x 8 x 10

Other: Distribution box (X) No. _____ Dosing tank () _____

(Depth of Soil Line Below finished grade at foundation _____)

Percolation Test Results Performed by NUNTZEY ASS. Date 4/4/73 on RECORD

Test Pit No. 1 1.7 minutes per inch Depth of Test Pit 12'

Test Pit No. 2 _____ minutes per inch Depth of Test Pit _____

Description of Soil SAND + GRAVEL Depth to Ground Water NONE AT 12'

Will disposal area be filled? _____ Cut down? _____

(On reverse side or separate sheet, show plot plan with building. Include dimensions, distances from all boundaries. Show location of wells, streams, ledge, large trees, etc.)

AGREEMENT: The undersigned agrees to construct the aforescribed individual sewage disposal system in accordance with the provisions of Article XI of the Sanitary Code and regulations of the Amherst Board of Health. The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by this board of health.

Application Approved by COH Albert Fiszer Owner or builder 12-1-78 date

Application Disapproved for the following reasons: _____ date 12-1-78

BOARD OF HEALTH, AMHERST, MASSACHUSETTS
CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY, That the individual Sewage Disposal System installed () or repaired () by _____ at _____ has been constructed in accordance with the provisions of

INSTALLER _____ Article XI of the State Sanitary 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 satisfactorily.

DATE _____ Inspector _____

BOARD OF HEALTH, AMHERST, MASSACHUSETTS
DISPOSAL WORKS CONSTRUCTION PERMIT

No. 78-8 Permission is hereby granted ALBERT FISZER to construct (X) or repair () an Individual Sewage Disposal System at Lot 215 Stagecoach Rd

as shown on the application for Disposal Works Construction Permit No. 78-P

This permit is issued with the understanding that future alterations or additions will be made if necessary. This permit shall not be construed as permission to create or maintain any sewage nuisance and in the issuance of this permit the Board of Health assumes no responsibility for the future operation or maintenance of the system.

DATE 12-1-78 COH Board of Health

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

LOT 215 STAGECOACH RD.

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

LOT 215 STAGECOACH RD.

Owner AL FISZER Address SOUTHAMPTON

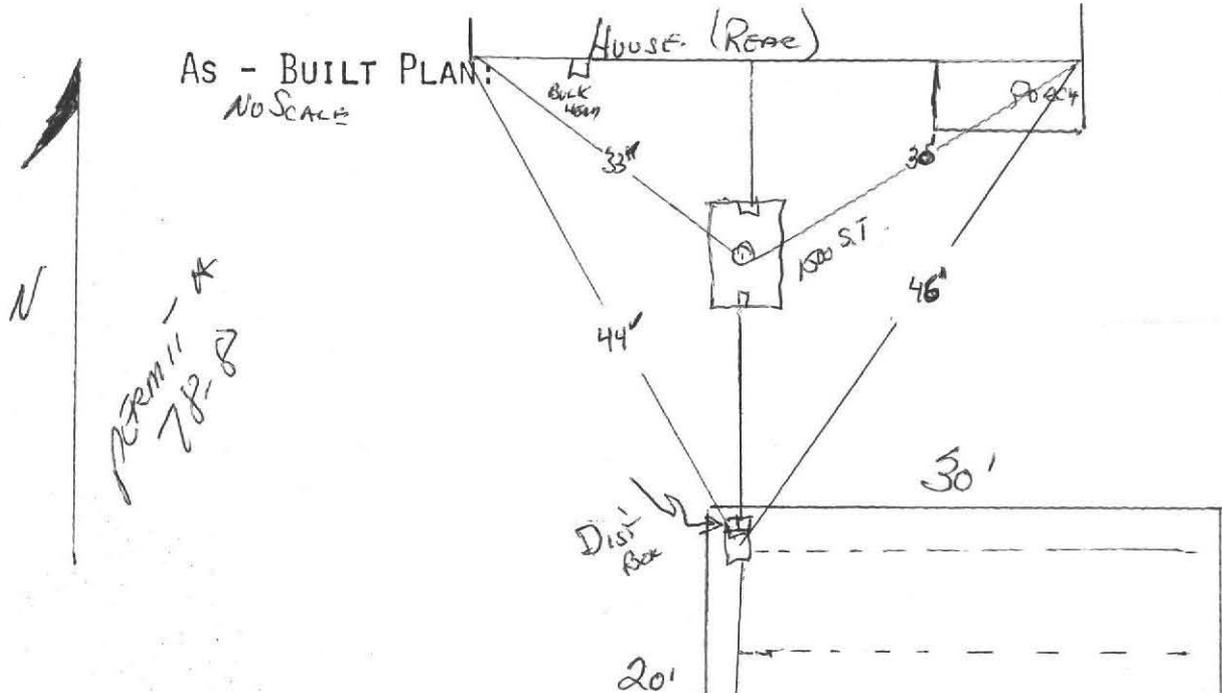
Installer LA VALLEY & SONS Address FROBENOR

Date Installation Inspected and Approved APRIL 20, 1979

Description of System: Tank Capacity: 1500

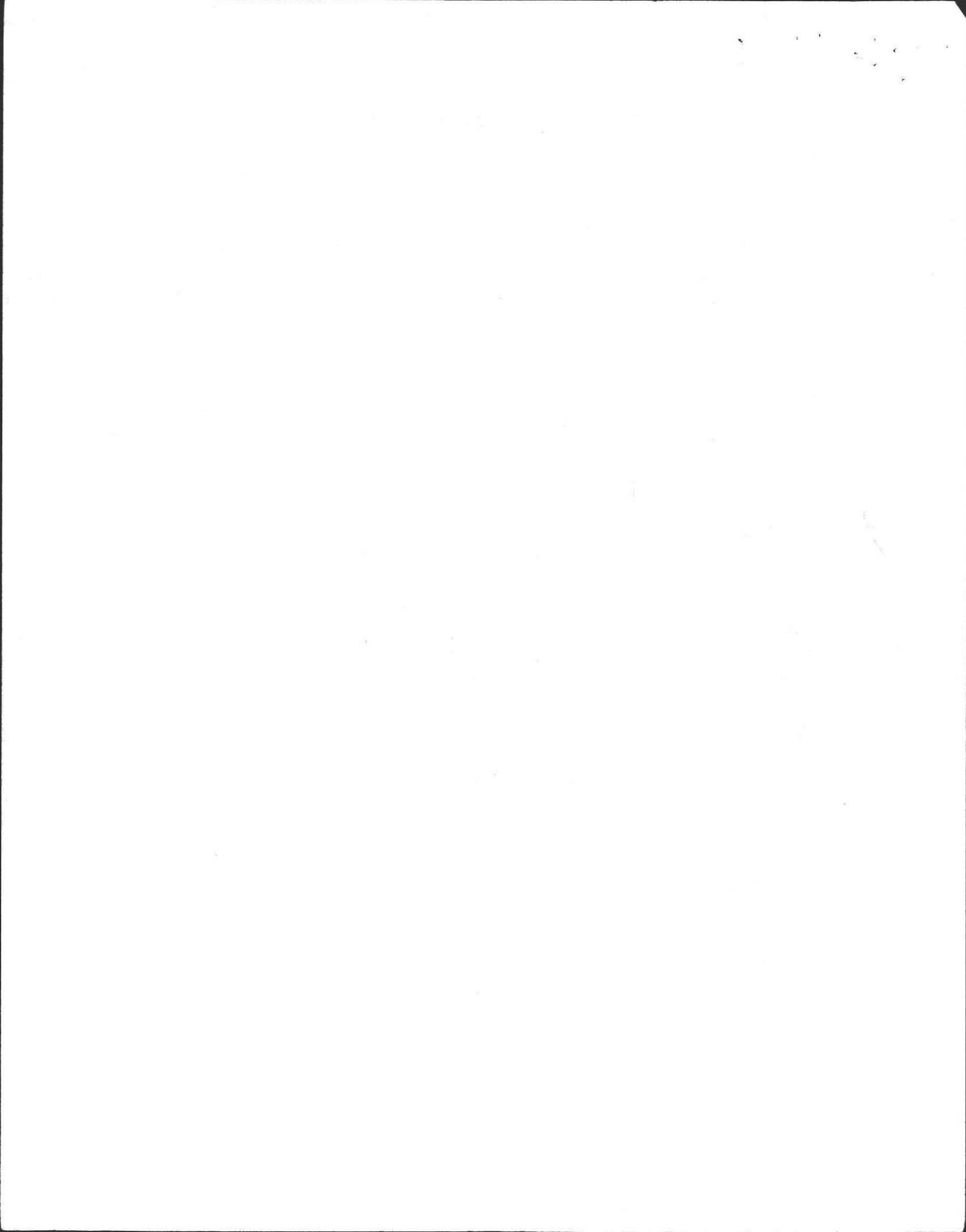
Leach Field () Bed (X) Seepage Pit () Square Feet: 700

Garbage Grinder Yes (X) No () No. Bedrooms: 3 No. People 6



PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

1. This system must be inspected periodically and the tank pumped out at an interval not to exceed (3) years.
2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
3. Regular pumping is crucial to avoid early failure and costly repairs of the system.
4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
5. Further information can be obtained by contacting your Health Department at 253-7077.



OBSERVATION PIT

PREPARED BY

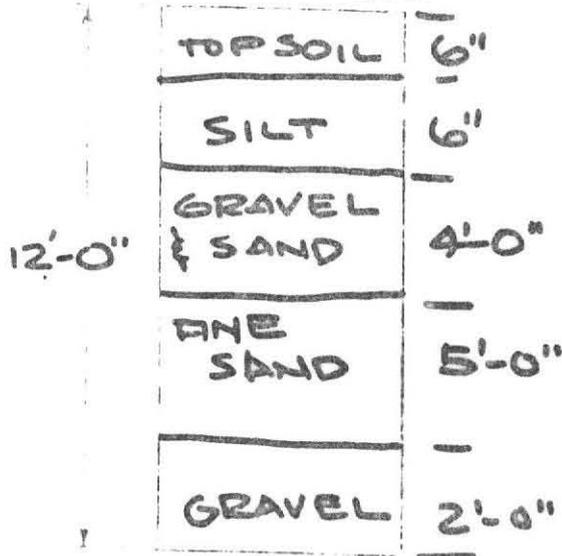
CRAIG ASHTON
 STAGECOACH ROAD
 AMHERST, MASS

DATE: 4-4-73

OBSERVER: J. HAET

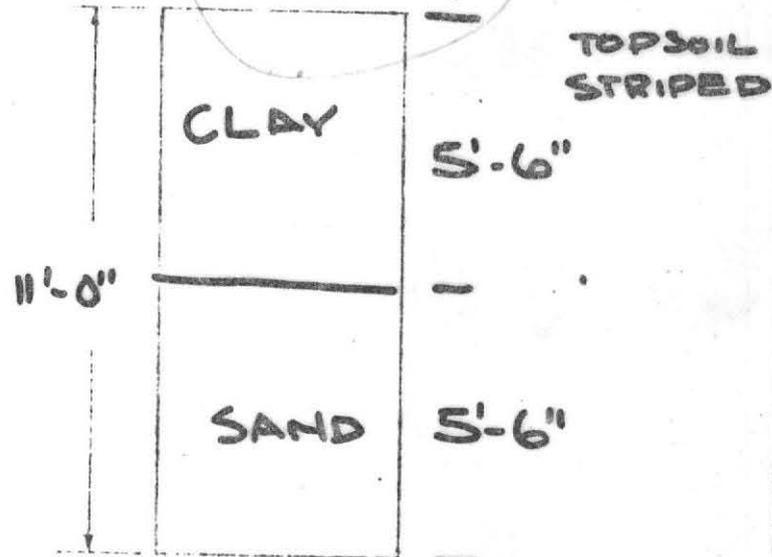
D. LAWLER

LOT # 215



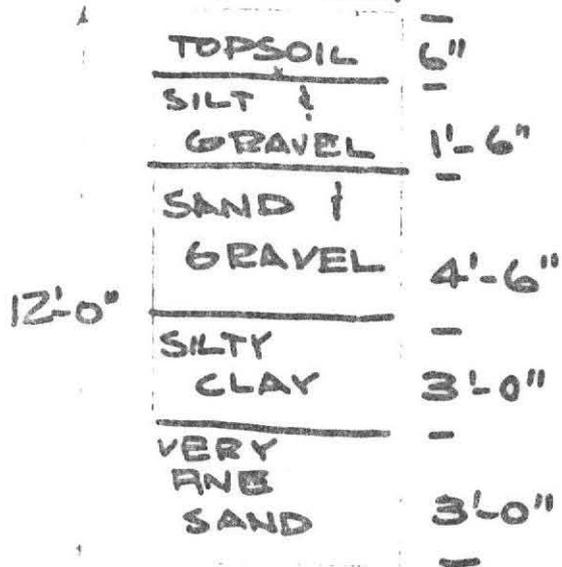
PERC RATE: NONE
 1.7 MIN/IN

LOT # 217

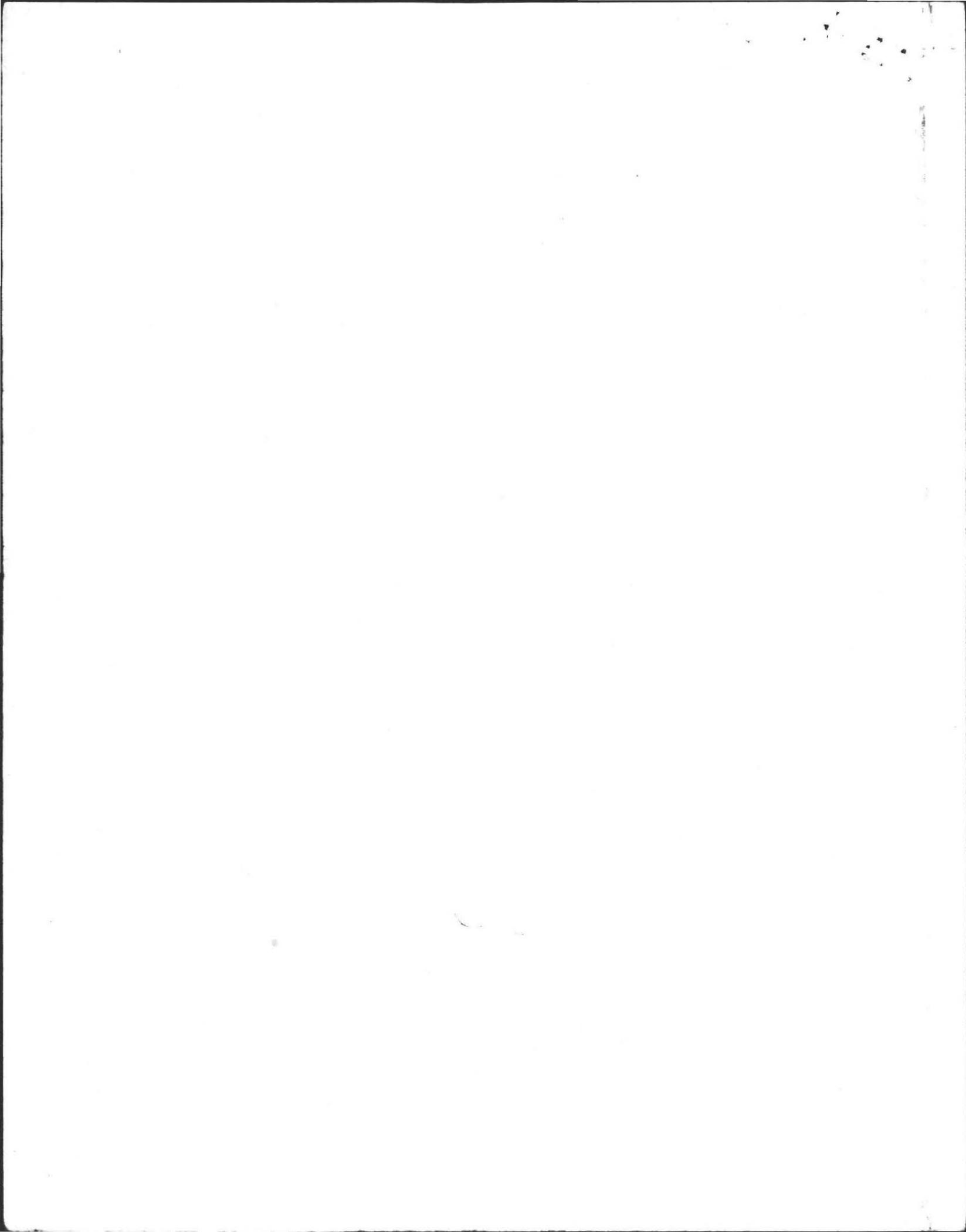


PERC RATE: NONE
 PERC HOLE: 6'-6"
 PERC RATE: 10 SEC/IN.

LOT # 227



SEEPAGE @ 6'-0"
 PERC RATE: 1.3 MIN/IN



LOT 216

254.67

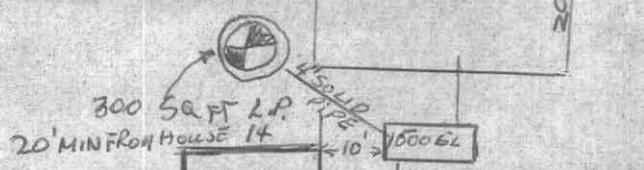
166.04

0.97 ACRE
LOT No 215



LOT 206

PIT OR BED



PLAN OF PROPOSED
SEWAGE DISPOSAL FIELD
AMHERST, MASS
PREPARED FOR
GRAIG ASHTON (ALBERT FISLER)

65'

60'-0"

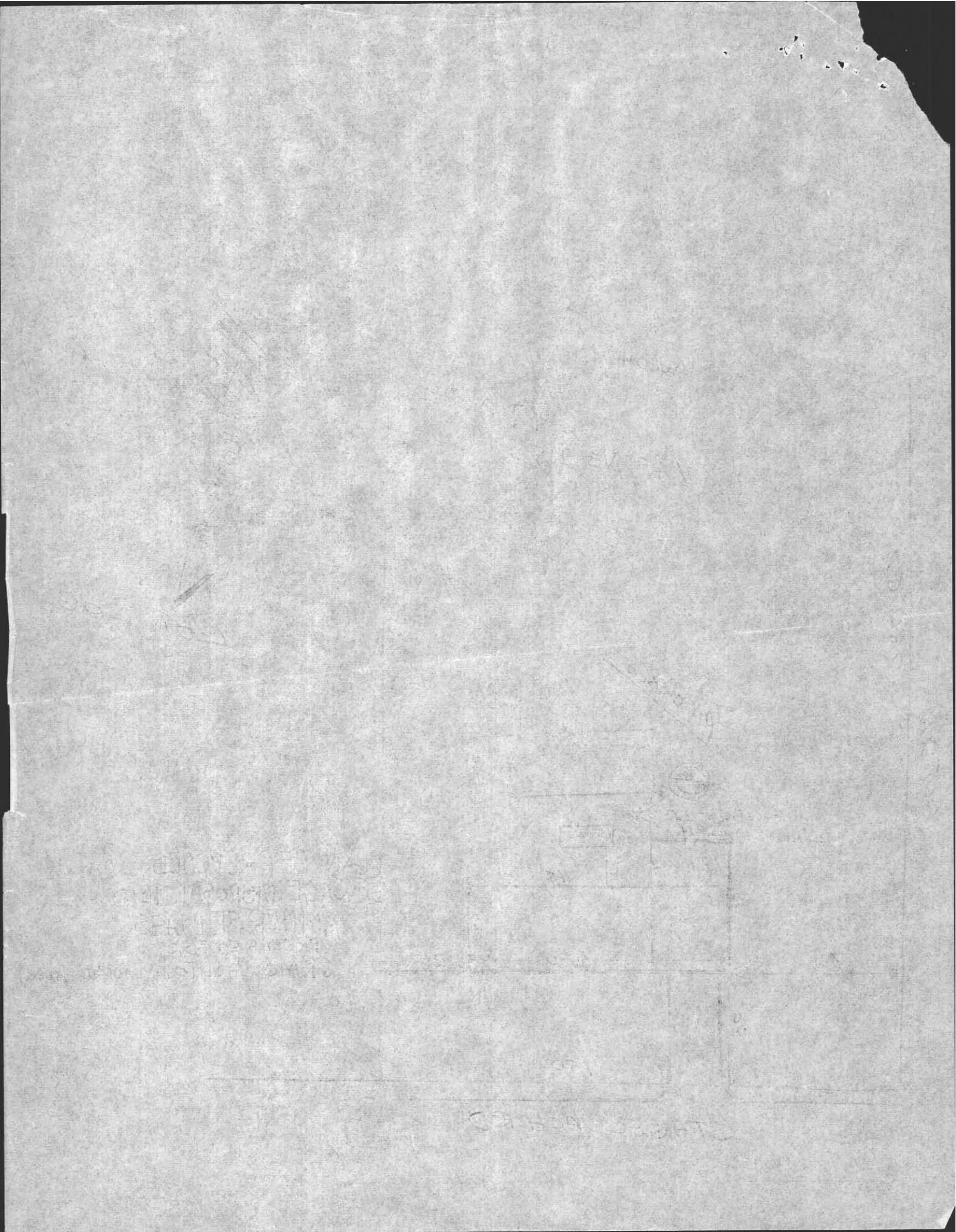
25'

38'

23'

150'

STAGECOACH RD



#58

ENVIRONMENTAL FIELD SERVICES, INC.
P.O. BOX 518
LEEDS, MA 01053
1-413-586-7200

August 25, 1995

Board of Health
Town Offices
Amherst, MA 01002

58 Stagecoach
Repair - Title V Inspection

re: Inspection of Septic System Installation at Poulter Home, Stagecoach Road

Dear Board:

On August 25, 1995, a representative from our office inspected the repair septic system installation referenced above. The system was installed by Karl's Excavating of Amherst, MA., and was simultaneously inspected and approved by Roger Bonsall for the Amherst Board.

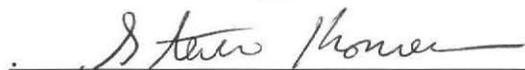
Our representative found that the system is installed properly and in accordance with our septic plan dated 8-17-95. Upon completion of the inspection, Karl's Excavating was instructed to cover the system.

This letter shall serve as Engineer and Installer Certification that the system was installed in accordance with Title V and our approved system design. If there are any questions, please contact our office.

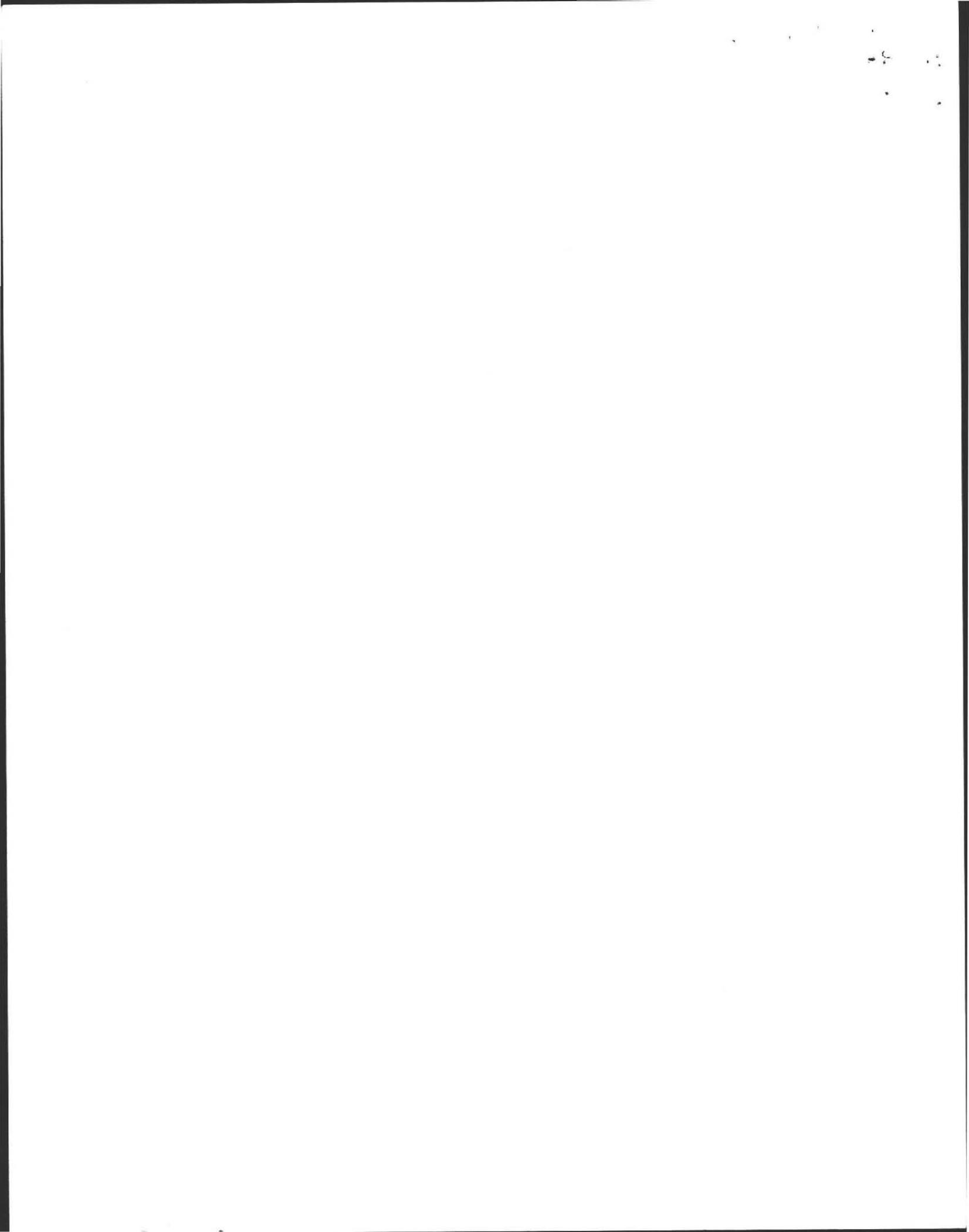
Sincerely yours,


Michael J. Lavigne
Environmental Engineer

I hereby certify that the above referenced system was installed in accordance with Title V and the approved septic design prepared by Environmental Field Services.



Karl's Excavating



Rec 8/18/95

Pd

FEE \$160

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Peric + Plan Review

140

Keith Kanata

Application for Disposal System Construction Permit

Application is hereby made for a Permit to Install () or Repair/Replace (X) an Individual Sewage Disposal System at:

Location - Address: 58 Stagecoach Rd.
Owner: William Poulter
Designer or Installer: Karl's Excavating
Address: P.O. Box 60214 Florence, MA 01060
Address: 327 River Drive Haldley, MA 01035

Type of Building: Dwelling - No. of Bedrooms: 3
Expansion Attic ():
Other - Type of Building: Single Family
No. of persons: 6
Showers ():
Cafeteria ():
Other fixtures:

Design Flow: 55 gallons per person per day. Calculated daily flow: 330 gallons.
Septic Tank - Liquid capacity: 1500 gallons
Length: 126" Width: 68" Diameter:
Depth: 64"
Disposal Trench - No. Width Total Length Total leaching area sq. ft.
Seepage Pit No. 1 Diameter: 42'x12' Depth below inlet: 1.25' Total leaching area: 639 sq. ft.
Other Distribution box () Dosing tank ()

Percolation Test Results: Performed by: M. Lavigne / R. Bonsall Date: 8-16-95
Test Pit No. 1: 3 minutes per inch Depth of Test Pit: 55" Depth to ground water:
Test Pit No. 2: A&B minutes per inch Depth of Test Pit: 10' Depth to ground water: >= 10'

Description of Soil: 0-30" organic topsoil and loamy sand subsoil
30"-120" gravel, loamy sand, sand - DRY

Nature of Repairs or Alterations - Answer when applicable

Date Last Inspected: 8-10-95

Agreement: - The undersigned agrees to install the afordescribed 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: Douglas Poulter Date: 8/18/95
Application Approved By: Roger Bonsall Date: 8/21/95

Application Disapproved for the following reasons:

Permit No. Issued: 8/21/95 Date

EFS
M. Lavigne
8/25/95

THE COMMONWEALTH OF MASSACHUSETTS

Amherst BOARD OF HEALTH

Certificate of Compliance

THIS IS TO CERTIFY, That the On-Site Sewage Disposal System installed () or Repaired/Replaced (X)
on 58 Stagecoach Rd. by William Poulter
for William Poulter at
has been constructed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the
application for Disposal System Construction Permit No. dated
Use of this system is conditioned on compliance with the provisions set forth below:

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION AS DESIGNED. This Certificate expires on Date

DATE: 8/25/95 Inspector: Roger Bonsall

No. THE COMMONWEALTH OF MASSACHUSETTS FEE

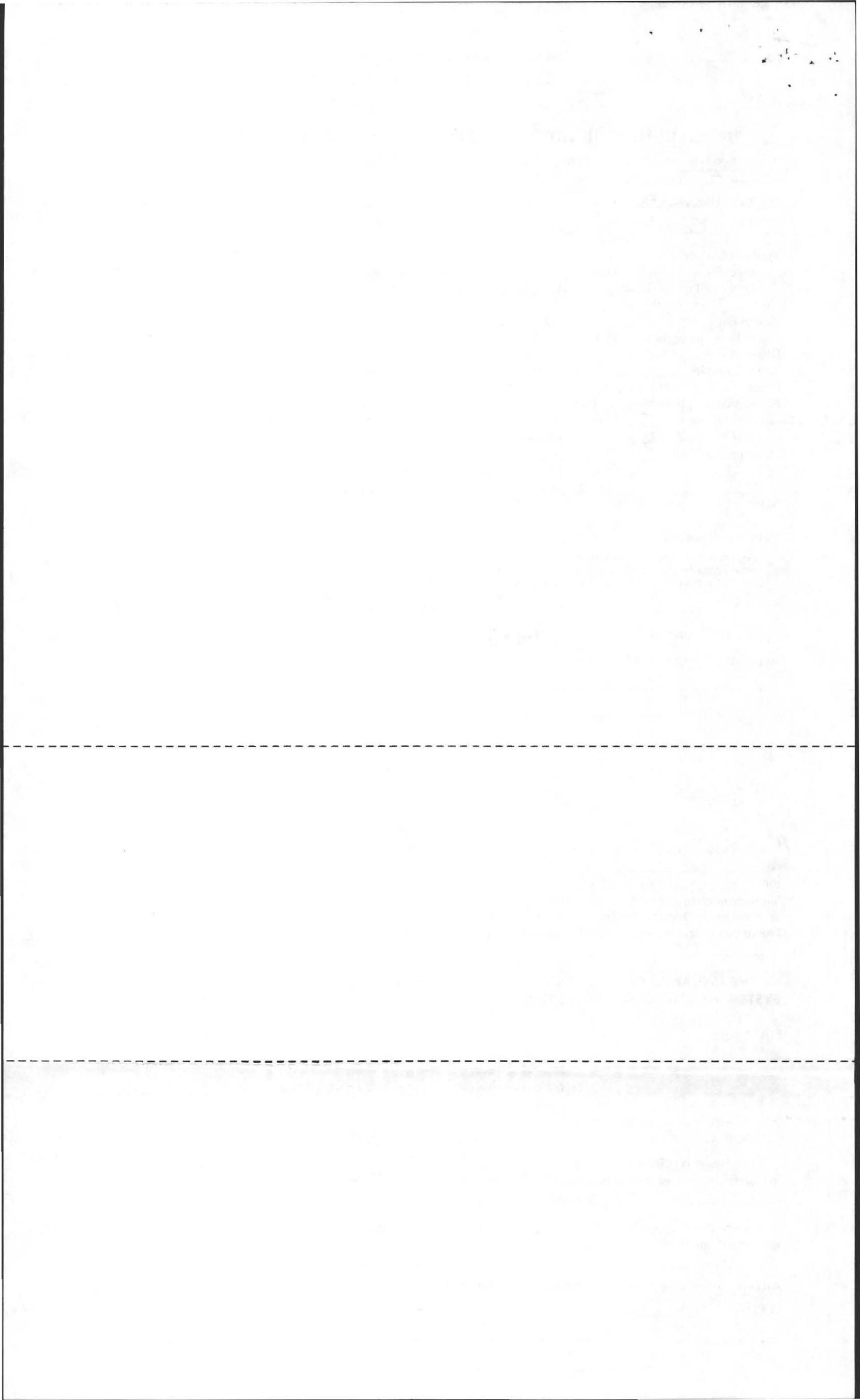
Amherst BOARD OF HEALTH

Disposal System Construction Permit

Permission is hereby granted to William Poulter
to Construct () or Repair/Replace (X) an On-Site Sewage Disposal System located at
58 Stagecoach Rd
Street

as described on the application for Disposal System Construction Permit. The Applicant recognizes his/her duty to comply with Title 5 and the following local provisions or special conditions.

All construction must be completed within three years of the date below.
DATE: 8/21/95 Board of Health: Roger Bonsall



16

58 Stagecoach
Poulter

140
kaneta

TOWN OF AMHERST Health Department

- _____ Bakery 01-0-501-4433-00
- _____ Bed & Breakfast 01-0-501-4474-01
- _____ Burial Permit 01-0-501-4475-00
- _____ Car Seat Rental 89-0-000-2557-00
- _____ Catering 01-0-501-4429-00
- _____ Food Handler 01-0-501-4474-00
- _____ Housing Inspection 01-0-501-4348-00
- _____ Massage 01-0-501-4425-00
- _____ Motel License 01-0-501-4428-00
- _____ Miscellaneous 01-0-501-_____

- _____ Offal/Garbage 01-0-501-4472-00
- _____ Perc Test 01-0-501-4344-00
- _____ Retail Permit 01-0-501-4473-00
- _____ Sanitary Code Booklet 01-0-501-4380-00
- _____ Septic Installers Permit 01-0-501-4470-01
- _____ Septic Private Applications 01-0-501-4470-00
- _____ Septic - Reinspection 01-0-501-4345-00
- _____ Sub-Division Rev. 01-0-501-4460-00
- _____ T.B. Clinic 01-0-501-4379-00
- _____ Twenty-one D Tickets 01-0-501-4879-00

TOTAL FEE \$ 160.00

Treasurer/Collector Date

Roger Bonsall 8/18/98
Health Department Date

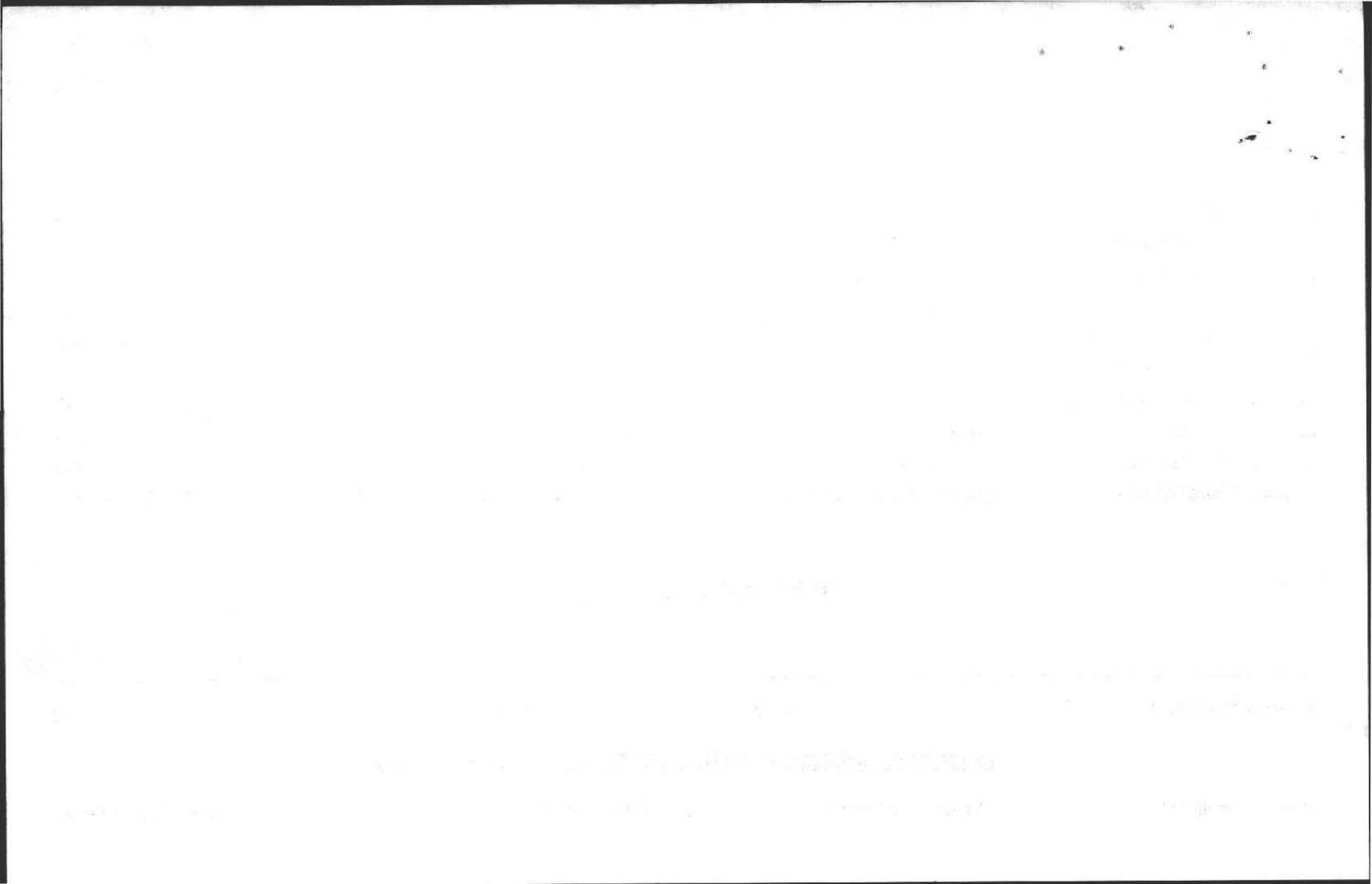
Must have Collector's "PAID STAMP" on receipt to be valid.

White: Applicant

Yellow: Collector

Pink: Accountant

Gold: Health Dept.

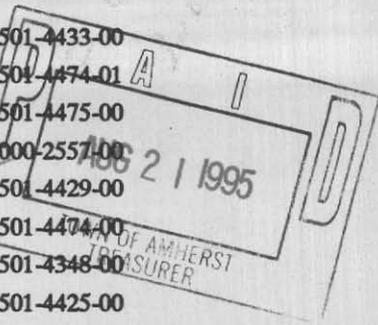


TOWN OF AMHERST
Health Department

58 Stagecoach
Walker

\$ 140
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<input type="checkbox"/> Bakery	01-0-501-4433-00	<input type="checkbox"/> Offal/Garbage	01-0-501-4472-00
<input type="checkbox"/> Bed & Breakfast	01-0-501-4474-01	<input checked="" type="checkbox"/> Perc Test	01-0-501-4344-00
<input type="checkbox"/> Burial Permit	01-0-501-4475-00	<input type="checkbox"/> Retail Permit	01-0-501-4473-00
<input type="checkbox"/> Car Seat Rental	89-0-000-2557-00	<input type="checkbox"/> Sanitary Code Booklet	01-0-501-4380-00
<input type="checkbox"/> Catering	01-0-501-4429-00	<input type="checkbox"/> Septic Installers Permit	01-0-501-4470-01
<input type="checkbox"/> Food Handler	01-0-501-4474-00	<input checked="" type="checkbox"/> Septic Private Applications	01-0-501-4470-00
<input type="checkbox"/> Housing Inspection	01-0-501-4348-00	<input type="checkbox"/> Septic - Reinspection	01-0-501-4345-00
<input type="checkbox"/> Massage	01-0-501-4425-00	<input type="checkbox"/> Sub-Division Rev.	01-0-501-4460-00
<input type="checkbox"/> Motel License	01-0-501-4428-00	<input type="checkbox"/> T.B. Clinic	01-0-501-4379-00
<input type="checkbox"/> Miscellaneous	01-0-501-_____	<input type="checkbox"/> Twenty-one D Tickets	01-0-501-4879-00



TOTAL FEE \$ 140.00 ✓

Steve French 8-21-95 Regen Bonnell 8/18/95

Treasurer/Collector _____ Date _____ Health Department _____ Date _____

Must have Collector's "PAID STAMP" on receipt to be valid.

White: Applicant Yellow: Collector Pink: Accountant Gold: Health Dept.

TO THE HONORABLE
MEMBERS OF THE HOUSE OF REPRESENTATIVES

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Determination for Seasonal High Water Table

Method Used:

- Depth observed standing in observation hole > 120 inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles _____ inches
- Ground water adjustment _____ feet

Index Well Number _____ Reading Date _____ Index well level _____
 Adjustment factor _____ Adjusted ground water level _____

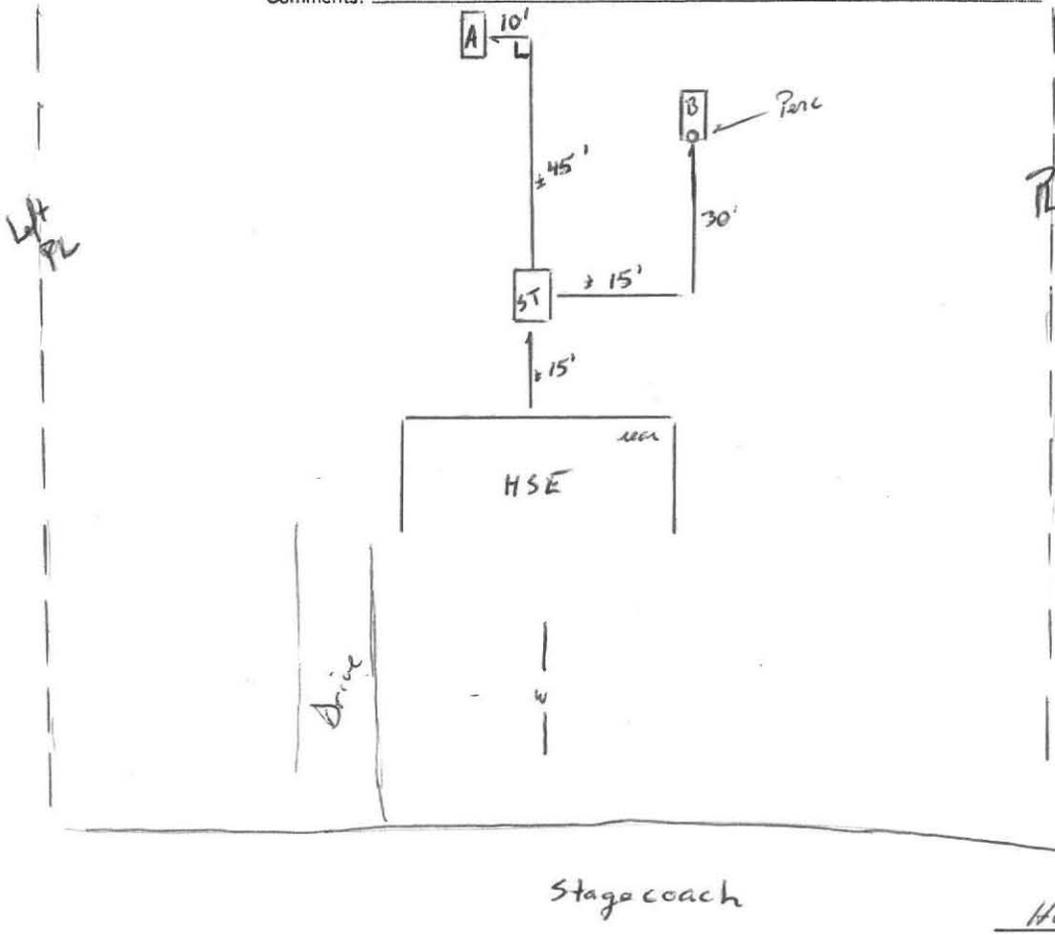
Percolation Test		
Date: <u>8/16/95</u>		Time: <u>1:40</u>
Observation Hole #	<u>1</u>	
Depth of Perc	<u>55"</u>	
Start Pre-soak	<u>1:44</u>	
End Pre-soak	<u>2:00</u>	
Time at 12"	<u>2:02</u>	
Time at 9"	<u>2:06:35</u>	
Time at 6"	<u>2:14:00</u>	
Time (9"-6")	<u>7:25/3</u>	
Rate Min./Inch	<u>< 5</u>	

Site Suitability Assessment: Site Passed Site Failed

Additional Testing Needed: _____

Performed By: Mike Lavigne Certification Number: _____
 Witnessed By: Roger Bonnell

Comments: _____



No. _____

Date 7/21/95

Commonwealth of Massachusetts
Massachusetts

not paid
owes \$160 Pd 8/18
\$140
Kameta

Site Suitability Assessment for On-site Sewage Disposal

Performed By: Environmental Field Services Certification Number: _____
Witnessed By: Roger Bonsall Mike Levigne

3 Bdrms

Location Address or Lot No. <u>58 Stagecoach</u>	Owner's Name, Address and Tel. <u>William Poulter</u> <u>58 Stagecoach</u>
---	--

+ Patricia

New Construction Repair

585-8361

582-3028 (w)

Office Review

Published Soil Survey Available: No Yes
Year Published _____ Publication Scale _____ Soil Map Unit _____
Drainage Class excessive Soil Limitations _____

Box 60214
Florence
MA 01060

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: _____
1500 Gal Tank

PL
Water Line

On-site Review

On-site Review

Deep Hole Number A Date: 8/16/95 Time: 1:00 Weather Sunny 85°

Deep Hole Number B Date: 8/16/95 Time: 2:00 Weather

Location (identify on site plan) _____
 Land Use Residential Slope (%) 3 Surface Stones no
 Vegetation Landscaped
 Landform terrace

Location (identify on site plan) _____
 Land Use _____ Slope (%) _____ Surface Stones _____
 Vegetation SAME
 Landform _____

Position on landscape (sketch on the back) _____

Position on landscape (sketch on the back) _____

Distances from:
 Open Water Body NA feet Drainageway _____ feet
 Possible Wet Area >100 feet Property Line ±50 feet Right PL
 Drinking Water Well Town Water feet Other _____

Distances from:
 Open Water Body NA feet Drainageway _____ feet
 Possible Wet Area >100 feet Property Line ±40 feet Right PL
 Drinking Water Well Town Water feet Other _____

DEEP OBSERVATION HOLE LOG

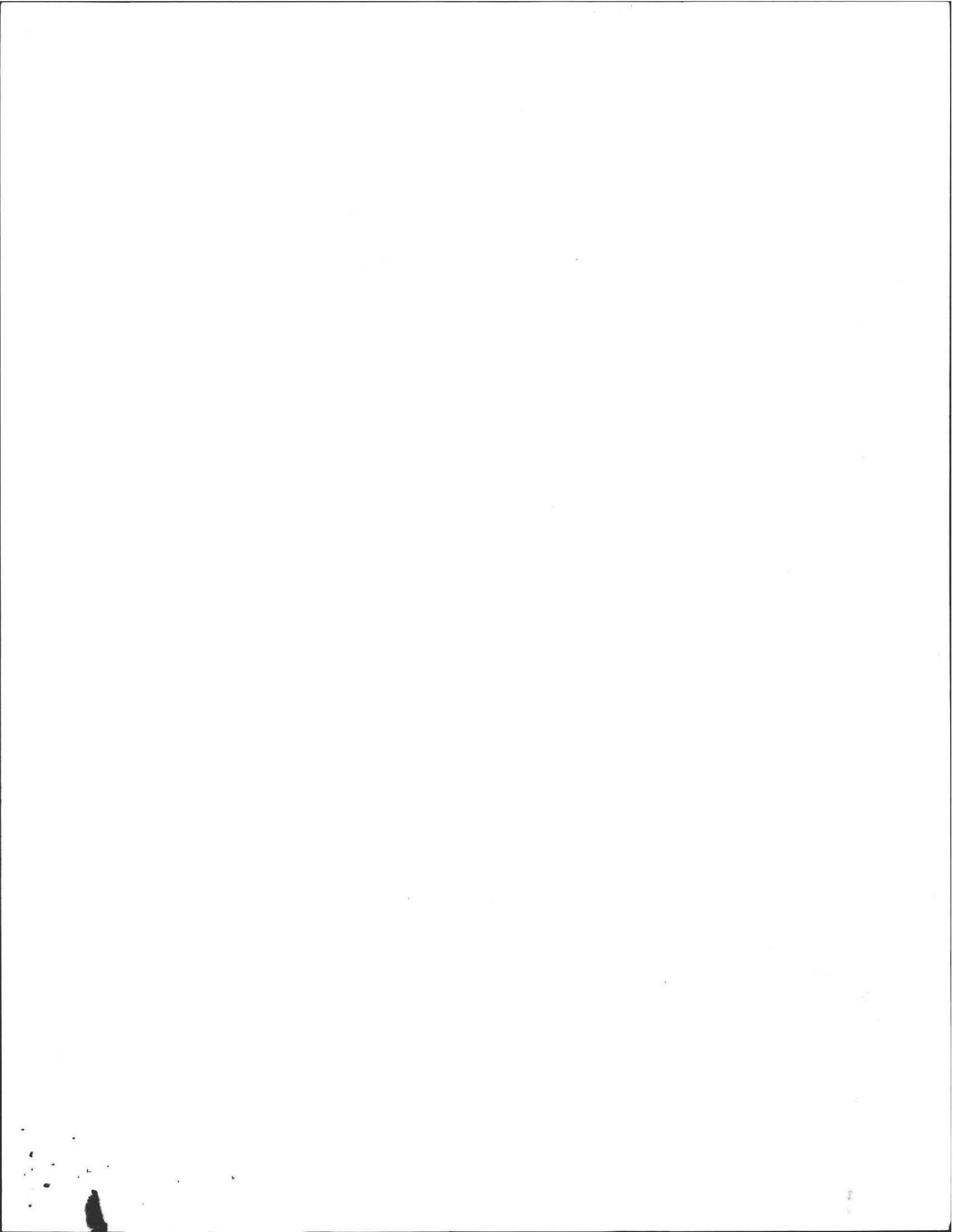
DEEP OBSERVATION HOLE LOG

Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
12"	A _p	FSL	10YR 3/3		
30"	B _w	Loamy sand	10YR 4/6		
54"	C ₁	Loamy sand w/gravel	10YR 4/4	not observed	C ₁ w/gravel loose
	C ₂	fine-med sand	10YR 4/6		
120"					

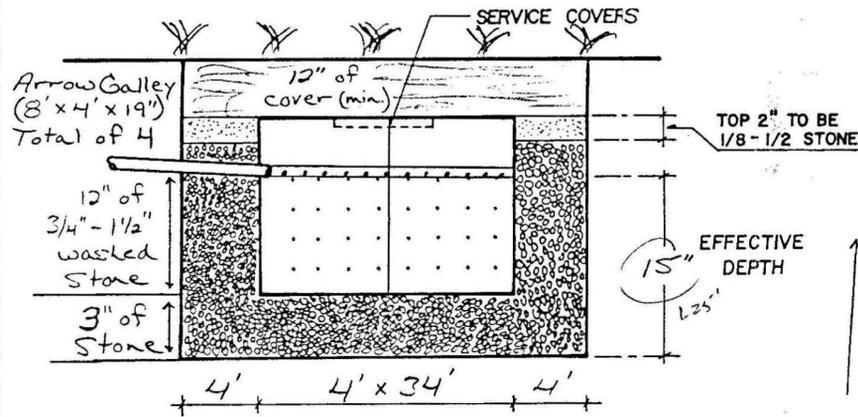
Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
18"	A _p	FSL	10YR 3/3		
30"	B _w	FSL	10YR 4/6		
	C ₁	fine Loamy sand	10YR 4/4		slightly fine
84"	C ₂	sand fine-med		84" interruption hi chroma	Loose 10YR 4/6
120"					

Parent Material (geologic) Outwash Depth to Bedrock: _____
 Depth to Groundwater: _____ Standing Water in the Hole: NA Weeping from Pit Face: NA
 Estimated Seasonal High Ground Water: ±10'

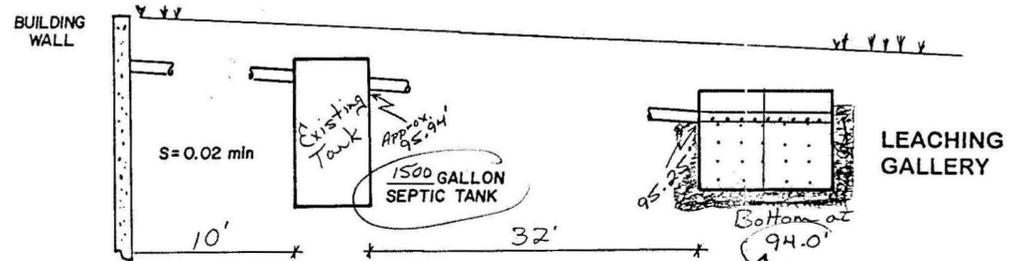
Parent Material (geologic) Outwash Depth to Bedrock: >120
 Depth to Groundwater: _____ Standing Water in the Hole: NA Weeping from Pit Face: NA
 Estimated Seasonal High Ground Water: ±10'



LEACHING GALLERY PROFILE (NOT TO SCALE)



SYSTEM PROFILE (NOT TO SCALE)



CONSTRUCTION NOTES

- ONE (1) RECTANGULAR SEEPAGE GALLERY, CONSISTING OF FOUR (4) GALLEYS (ARROW 8' x 4' x 19" WITH CAST PIPE) BUTTED, WITH TWO (2) FEET BETWEEN THE CENTER GALLEYS FOR THE DISTRIBUTION LINE (USE 4" PVC TEE); 4' OF 3/4" - 1 1/2" STONE AROUND GALLERY (EFFECTIVE AREA 42' x 12'); 3" OF STONE BENEATH GALLERY, TOP 2" TO BE FILLED WITH 1/8" - 1/2" STONE.
- AVOID DRIVING OVER LEACHING AREAS.
- SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL.
- LEACHING GALLERY TO BE CONNECTED TO EXISTING SEPTIC TANK.
- ALL PIPE TO BE 4" PVC, SDR 35 (OR EQUIVALENT).
- SET GALLERY AT ELEVATION NOTED IN PROFILE, BACKFILL TO REPLACE YARD CONTOURS TO PRECONSTRUCTION CONDITION.
- CONTRACTOR TO VERIFY ELEVATION OF SEPTIC TANK EXIT LINE INVERT PRIOR TO PLACEMENT OF GALLERY AND NOTIFY ENGINEER IF MEASURED ELEVATION DIFFERS BY MORE THAN TWO (2) INCHES FROM THE SPECIFIED ELEVATION.
- CONTRACTOR TO INSTALL SYSTEM IN SUCH A MANNER THAT THE PLANTS SHOWN ON THE DRAWING ARE NOT DISTURBED OR DAMAGED.
- ANY PART(S) OF THE OLD SYSTEM ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF PER APPLICABLE REGULATIONS.
- SEE ACCOMPANYING PLOT PLAN FOR DIMENSIONS OF ENTIRE LOT.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH TITLE V OF THE STATE ENVIRONMENTAL CODE.
- NOTIFY ENGINEER AT LEAST 72 HOURS PRIOR TO THE TIME INSPECTION IS REQUIRED.

PERCOLATION TEST RESULTS

PERCOLATION TEST NO.	DEPTH (INCHES)	RATE (MIN/INCH)	DATE
P-1	55"	3	8/16/95

Performed by: M. Lavigne
Witnessed by: R. Bonsall

SOIL LOGS

HOLE NO. TPA	DEPTH	SOIL TYPE
1	0-12"	ORGANIC TOPSOIL A
2	12-24"	LOAMY SUBSOIL B
3	24-36"	COARSE GRAVEL C1
4	36-48"	LOAMY SAND C2
5	48-60"	SAND C3
6	60-72"	SAND
7	72-84"	DRY
8	84-96"	DRY
9	96-108"	DRY
10	108-120"	DRY
11	120-132"	DRY
12	132-144"	DRY

OBSERVED GROUNDWATER = ∇

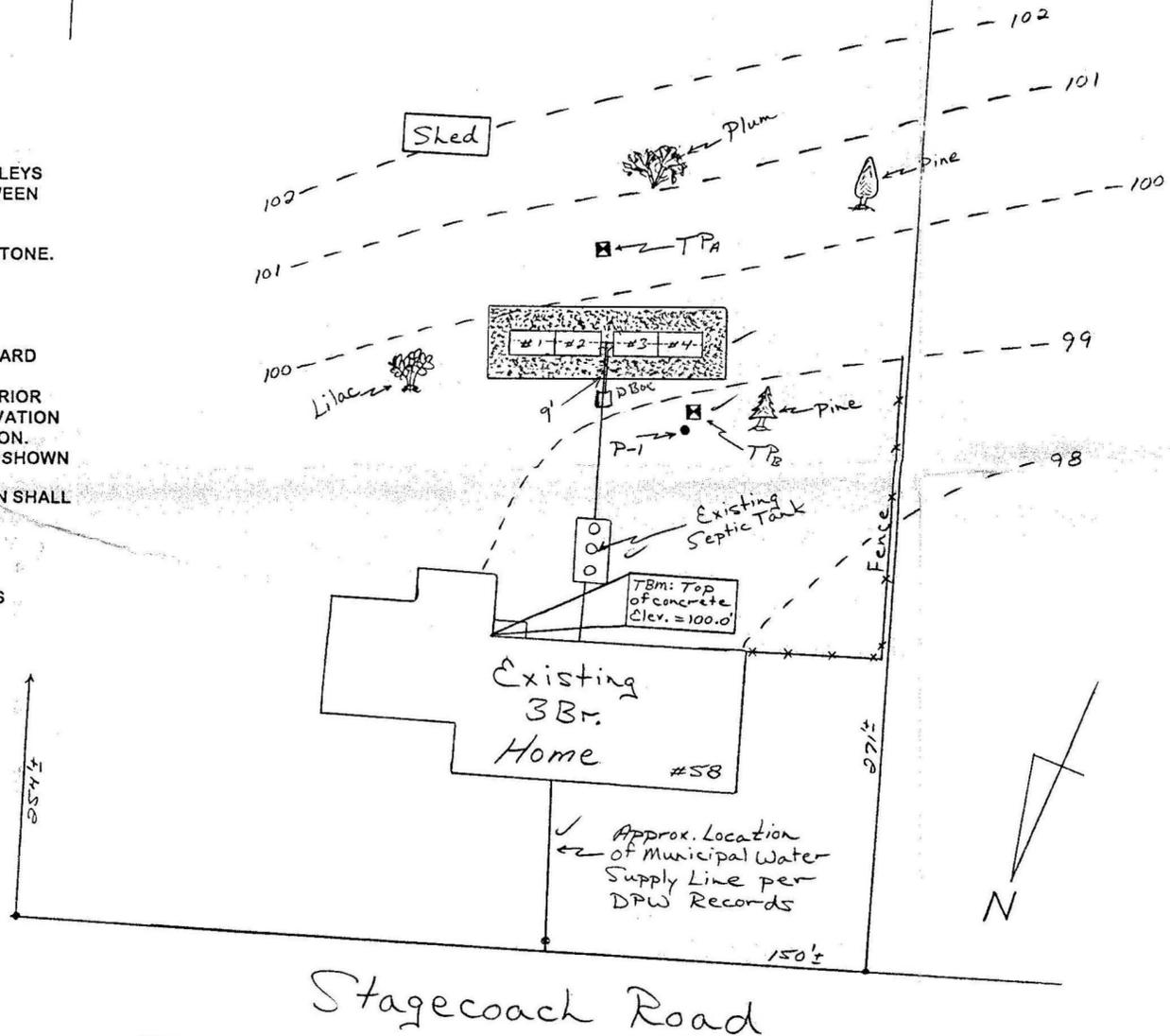
DESIGN CALCULATIONS

DESIGN PERC RATE: 5 MIN/IN (Measured at 3 Min/In)
 DESIGN DAILY FLOWRATE: 110 GPD/BEDROOM x 3 BEDROOMS = 330 GPD
 SYSTEM LEACHING AREA:
 SIDEWALL AREA 2(42' x 1.25') + 2(12' x 1.25') = 135 FT²
 BOTTOM AREA 42' x 12' = 504 FT²
 TOTAL AREA = 639 FT²
 LOADING RATE: LTAR FOR CLASS I SOIL AT 5 MIN/IN = 0.74 GPD/FT²
 639 FT² x 0.74 GPD/FT² = 473 GPD

SITE PLAN

SCALE: 1" = 20'

- EXISTING CONTOUR
- PROPOSED CONTOUR
- ☒ GROUNDWATER OBSERVATION
- PERCOLATION TEST



APPROVALS AND REVISIONS

8/21/95
 8/25: KEP stamp issue
 J D Box should be 130



ENVIRONMENTAL FIELD SERVICES, INC.

P.O. BOX 518
 LEEDS, MA 01053
 1-(413)-586-7200

TITLE

SEWAGE DISPOSAL SYSTEM - Repair -

FOR

William Poulter
 P.O. Box 60214
 Florence, MA 01060
 582-3028(w)

FIELD DRAWN 8-16-95
 M.L.
 CALC. CHECK

DATE 8-17-95
 PLAN NO.

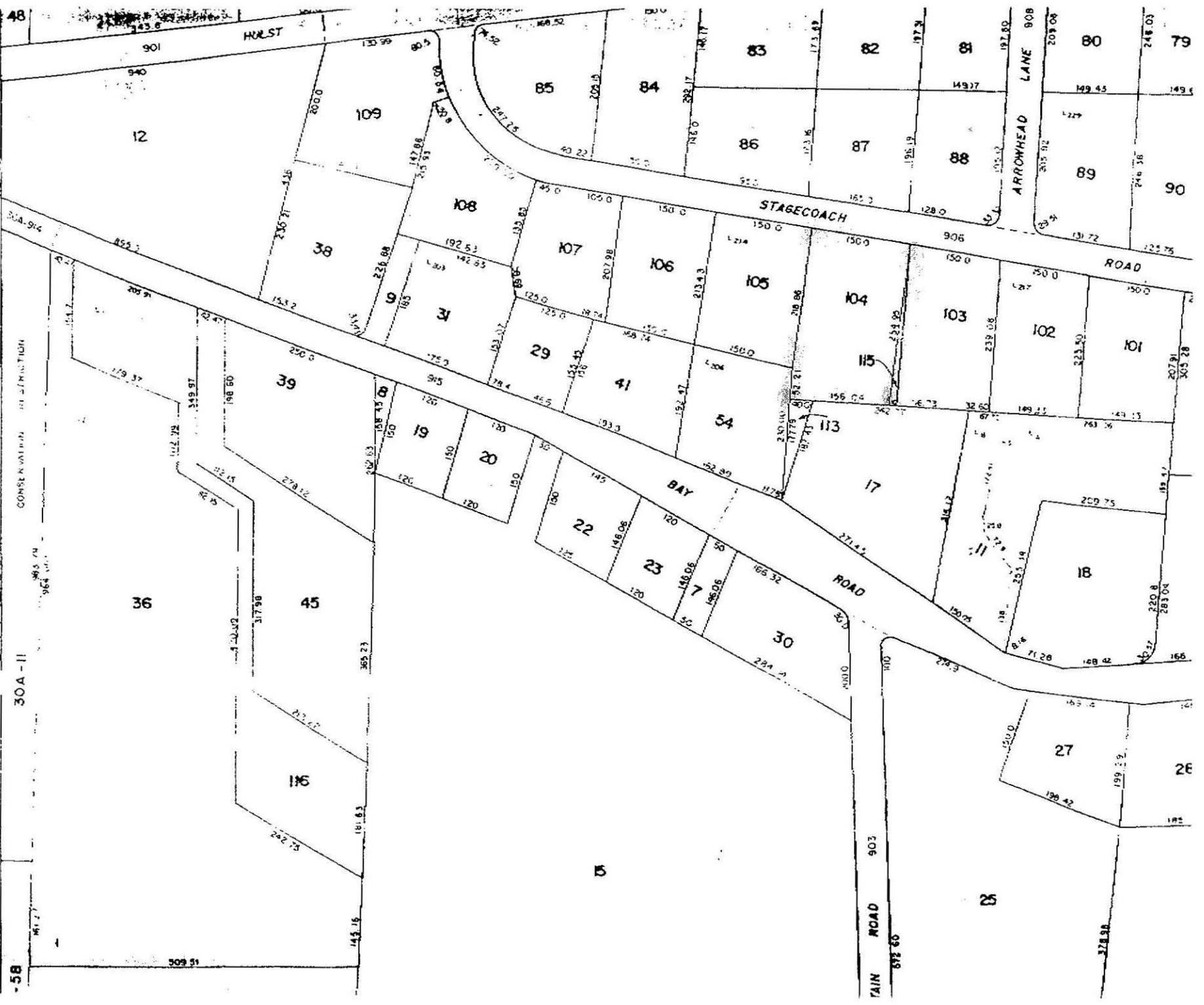
DATA REFERENCES

Site: 58 Stagecoach Rd. Amherst, MA

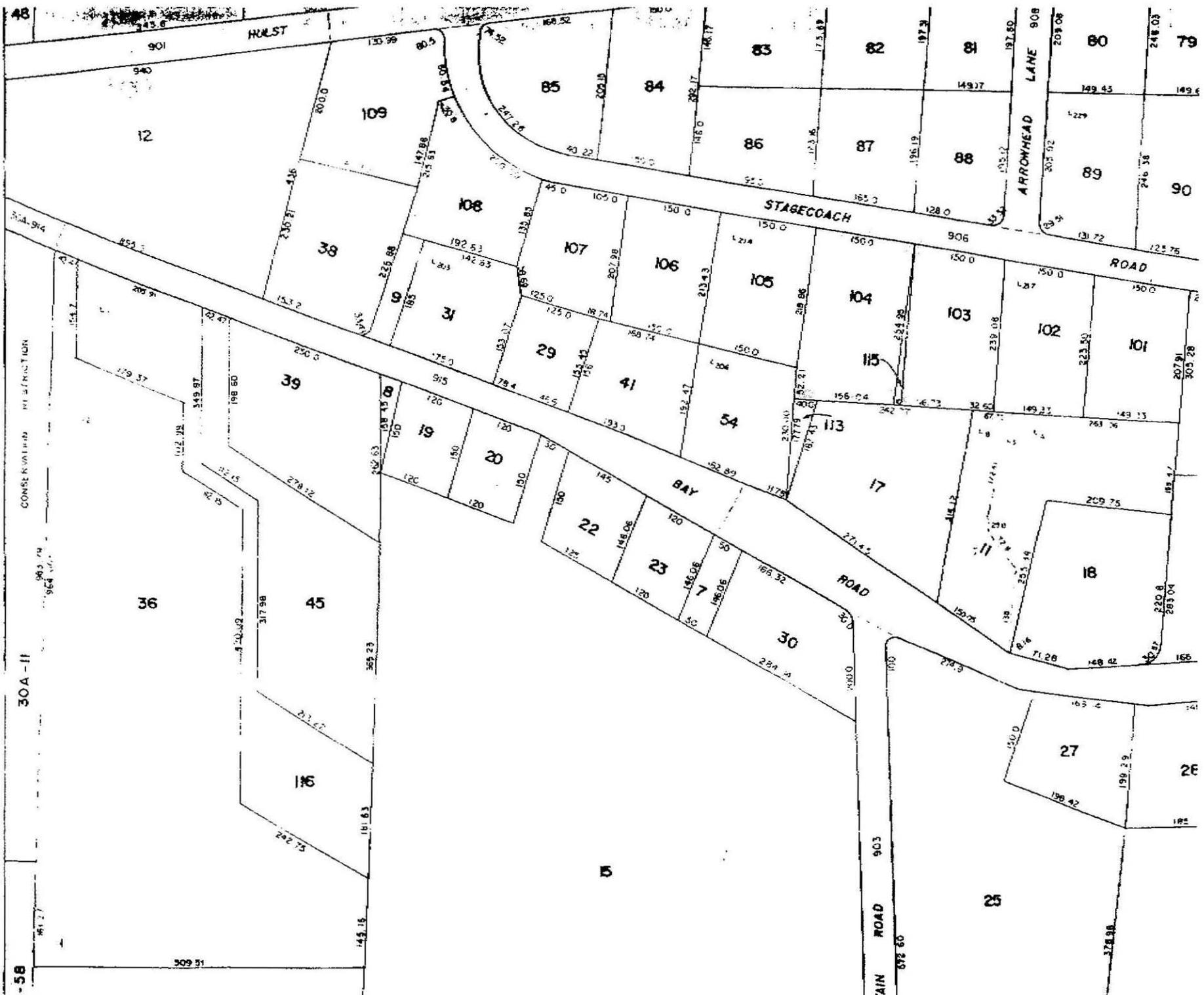
TBM:

Top of concrete step at corner of house as shown.
 Assumed Elevation = 100.00'

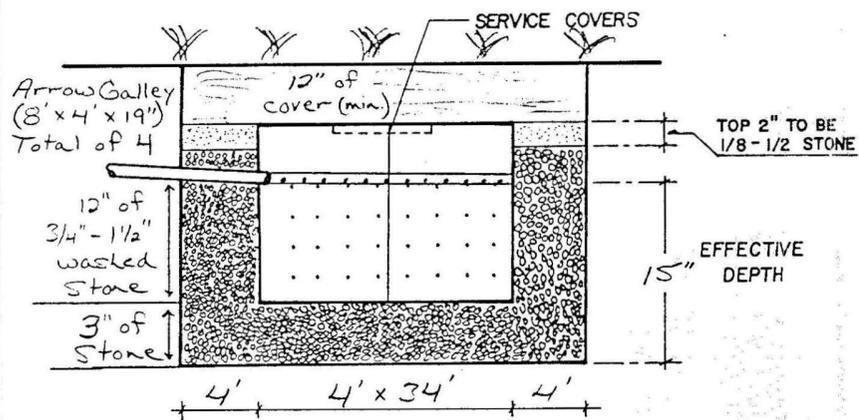
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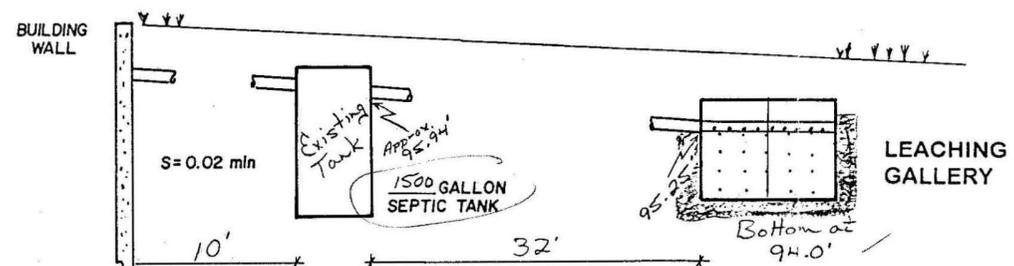
48
-58
30A-II
CONSERVATION RESTRICTION
963.74
964.14



LEACHING GALLERY PROFILE (NOT TO SCALE)



SYSTEM PROFILE (NOT TO SCALE)



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P-1	55"	3	8/16/95

Performed by: M. Lavigne
Witnessed by: R. Bonfatti

SOIL LOGS

HOLE NO. TPA	HOLE NO. TPB	HOLE NO.
1 ORGANIC TOPSOIL A	1 ORGANIC TOPSOIL A	
2 LOAMY SUBSOIL B	2 LOAMY SUBSOIL B	
3 COARSE GRAVEL C1		
4 SAND C2	4 LOAMY SAND C1	
5 SAND C2		
6 SAND C2	6 SAND C2	
7 SAND C2		
8 SAND C2	8 SAND C2	
9 DRY 10.5'	9 DRY 10.5'	
10		
11		
12		

OBSERVED GROUNDWATER = ▽

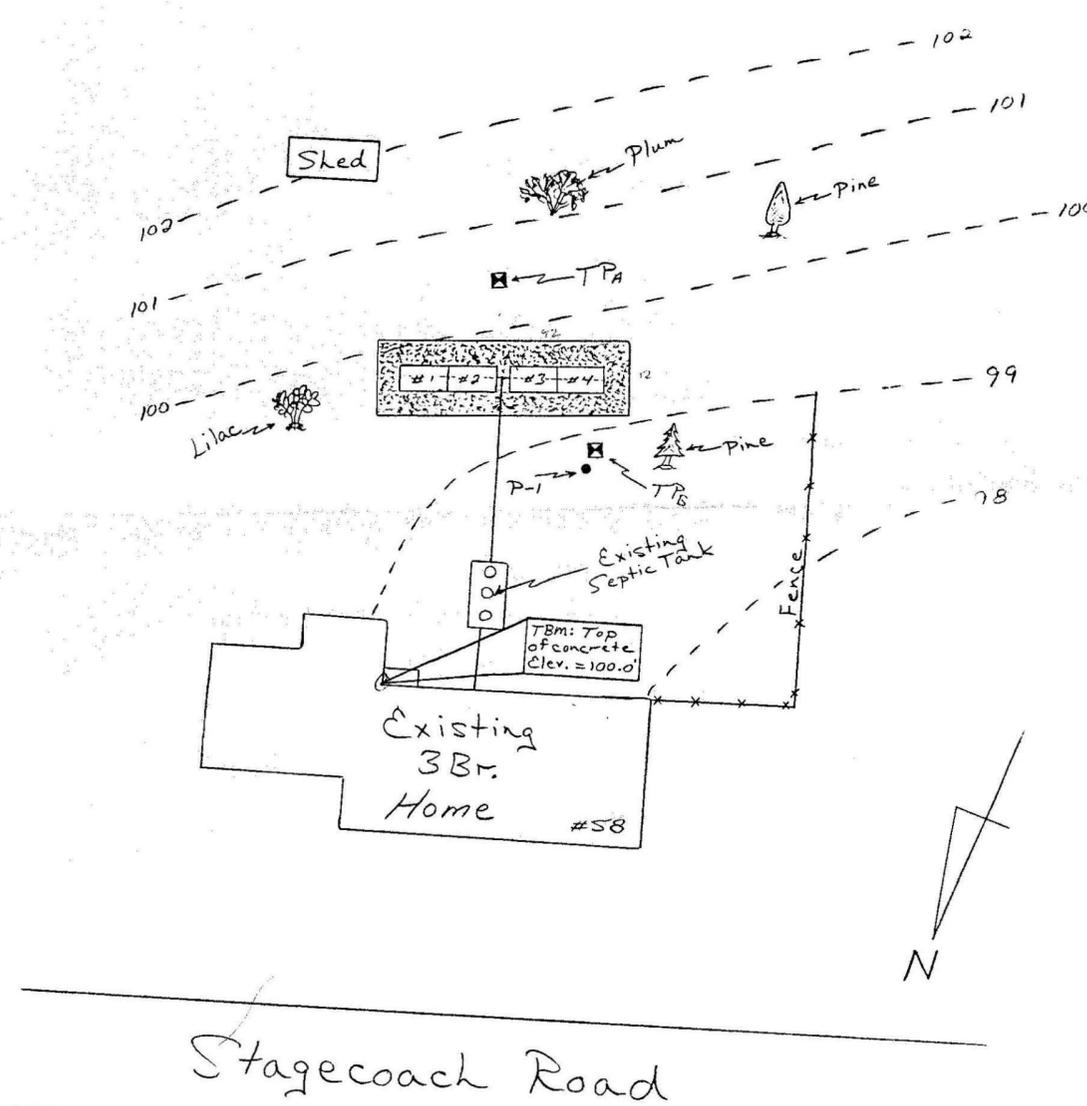
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 639 FT² x 0.74 GPD/FT² = 473 GPD
 ≈ 472.5

SITE PLAN

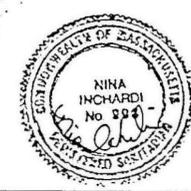
SCALE: 1" = 20'

- EXISTING CONTOUR
- PROPOSED CONTOUR
- ☒ GROUNDWATER OBSERVATION
- PERCOLATION TEST



APPROVALS AND REVISIONS

8/20/95 Preliminary



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DRAWN M.L.
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CHECK

DATE 8-17-95
PLAN NO.

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