

763 Bayled



No. 93-8

#763

CHK # 4465  
6/1/93 PD.  
FEE 160.00

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:

763 Bay Rd.  
Richard Ellis  
Hnals  
Location - Address or Lot No.  
Owner Address  
Installer Address

Type of Building  
Dwelling — No. of Bedrooms 4 Expansion Attic (N) Garbage Grinder (N)  
Other — Type of Building No. of persons Showers ( ) — Cafeteria ( )  
Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 621.1 gallons.  
Septic Tank — Liquid capacity 1000 gallons Length 10.2 Width 53" Diameter Depth 56"  
Disposal Trench — No. 2 Width 8.42' Total Length 12.5' Total leaching area 600 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 A. Weiss Date 6/1/93  
Test Pit No. 1 8 minutes per inch Depth of Test Pit 14' Depth to ground water N/A  
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil Intelyeud med-coarse sand + gravel w/ fine sand and silt.

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 Richard Ellis 6/10/93

Application Approved By Carol Zupnik for A. W. Dept. 6/19/93

Application Disapproved for the following reasons:

Permit No. 93-8 Issued 6/9/93 Date

John Mitchell  
Karl's 6/23/93

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH  
Town OF Amherst  
Certificate of Compliance

Final Inspected  
6/23/93

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired (✓) by Karl's 763 Bay Road installer

at 763 Bay Road 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. 93-8 dated

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

DATE 6/23/93 Inspector Carol Zupnik

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

No. 93-8 Town OF Amherst FEE 160.00  
6/1/93  
CA 4465

Disposal Works Construction Permit

Permission is hereby granted Richard Ellis to Construct ( ) or Repair (✓) an Individual Sewage Disposal System at No. 763 Bay Road

as shown on the application for Disposal Works Construction Permit No. 93-8 Dated 6/9/93

DATE 6/9/93 Board of Health Carol Zupnik for A. W. Dept.

CHECK OR FILL IN WHERE APPLICABLE



1945-1946

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TOWN OF AMHERST

PERC TEST DATA SHEET

CHK # 160-4465  
Pd 6/1/93  
14 miles

DATE 6/1/93 LOCATION 763 BAY Road LOT SIZE \_\_\_\_\_

OWNER Richard Ellis ADDRESS 763 BAY ROAD TELE # 253-2492

P.E./RS Alan Weiss FIRM Cold Spring Env. OBSERVED BY David Zarnowski

BACK HOE OPERATOR Mark's BENCH MARK \_\_\_\_\_

PERC DEPTH 62" PRE SOAK TIME 9:03 PERC DEPTH \_\_\_\_\_ PRE SOAK TIME \_\_\_\_\_

TEST	<u>9:19</u>	<u>12"</u>	<u>8"</u>	<u>9:33</u>	_____	_____
	<u>9:21</u>	<u>11"</u>	<u>7"</u>	<u>9:39</u>	_____	_____
	<u>9:24</u>	<u>10"</u>	<u>6"</u>	<u>9:47</u>	_____	_____
	<u>9:28</u>	<u>9"</u>	_____	_____	_____	_____

RATE 8 RATE \_\_\_\_\_

#1

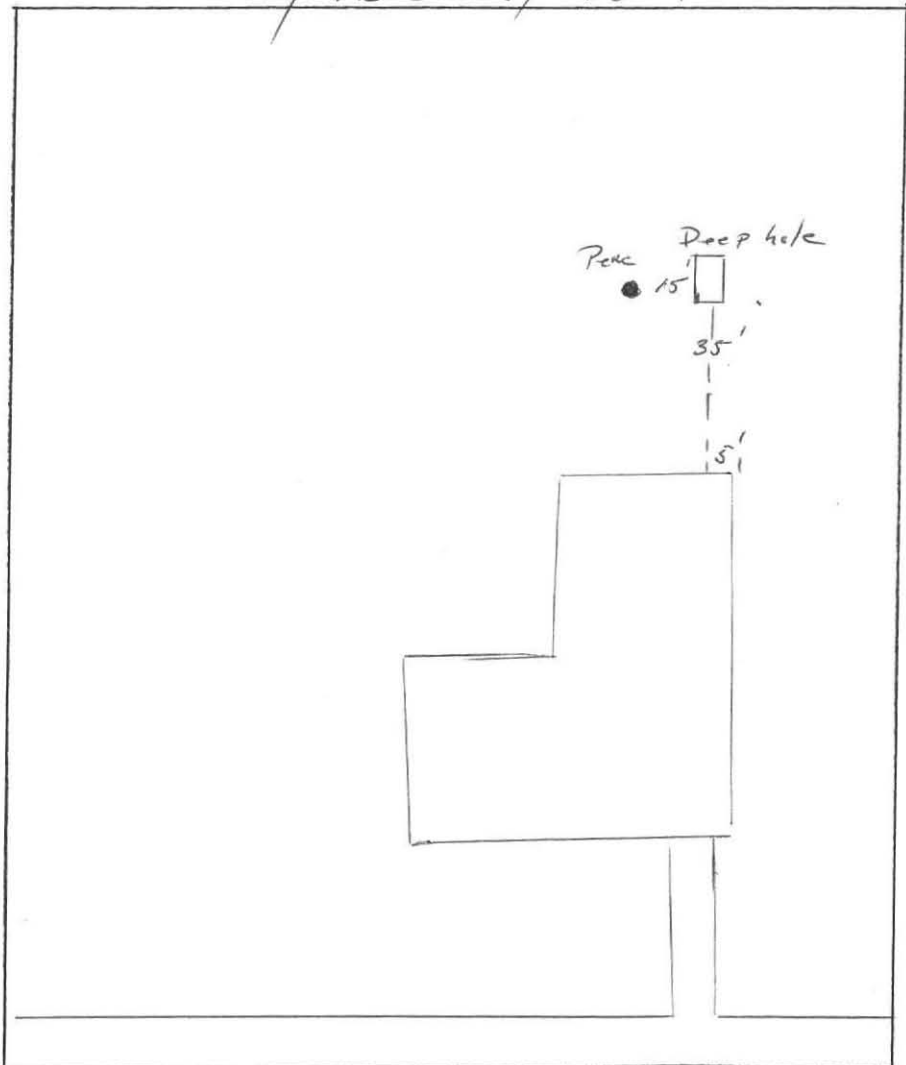
Town Water / 4 Bedrooms / NO GC.

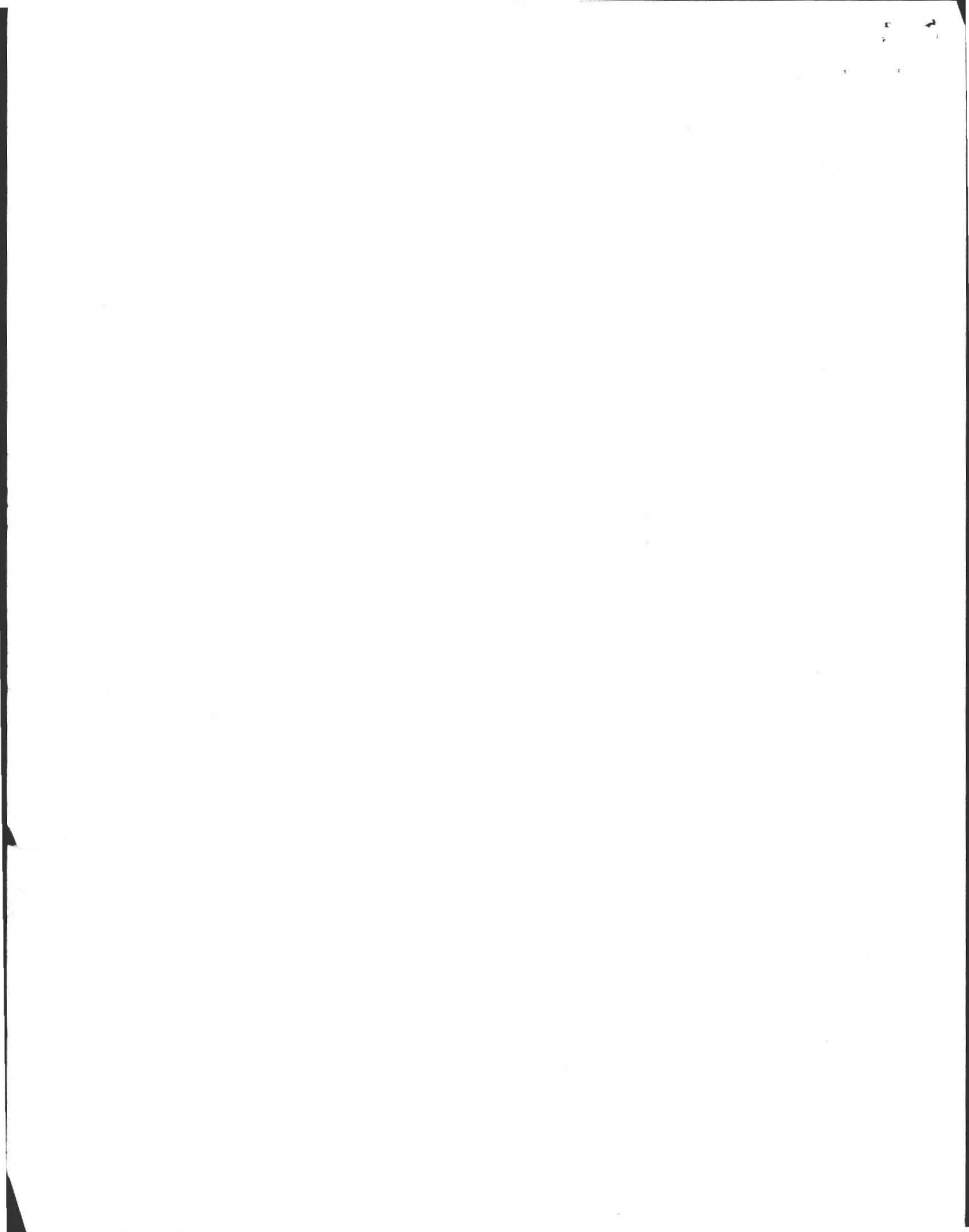
TOP 10"	TOP
SUB 26"	SUB
Gravel 5'	
Silty SAND 8'6"	

DRY 14'

TOP	TOP
SUB	SUB

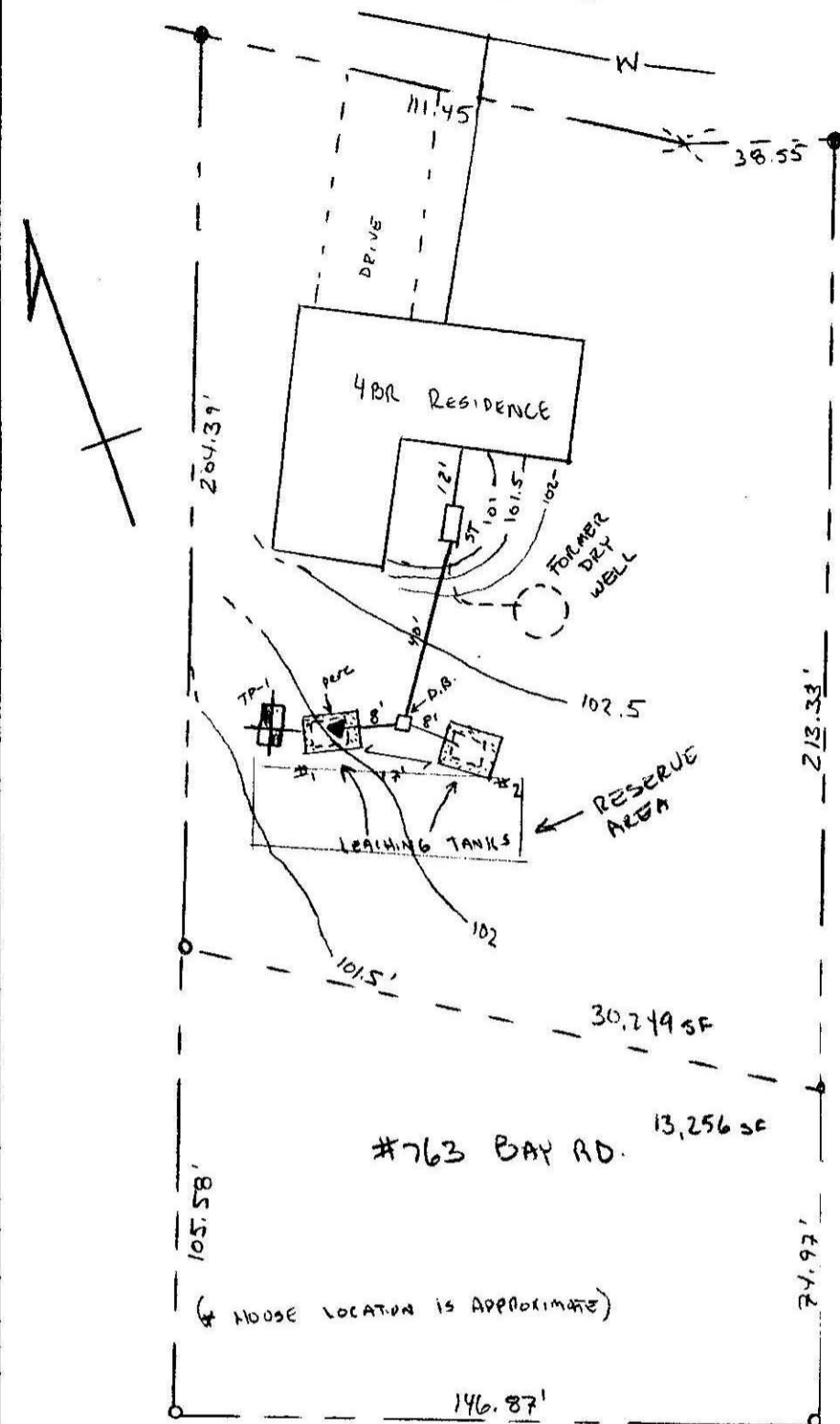
TOP	TOP
SUB	SUB





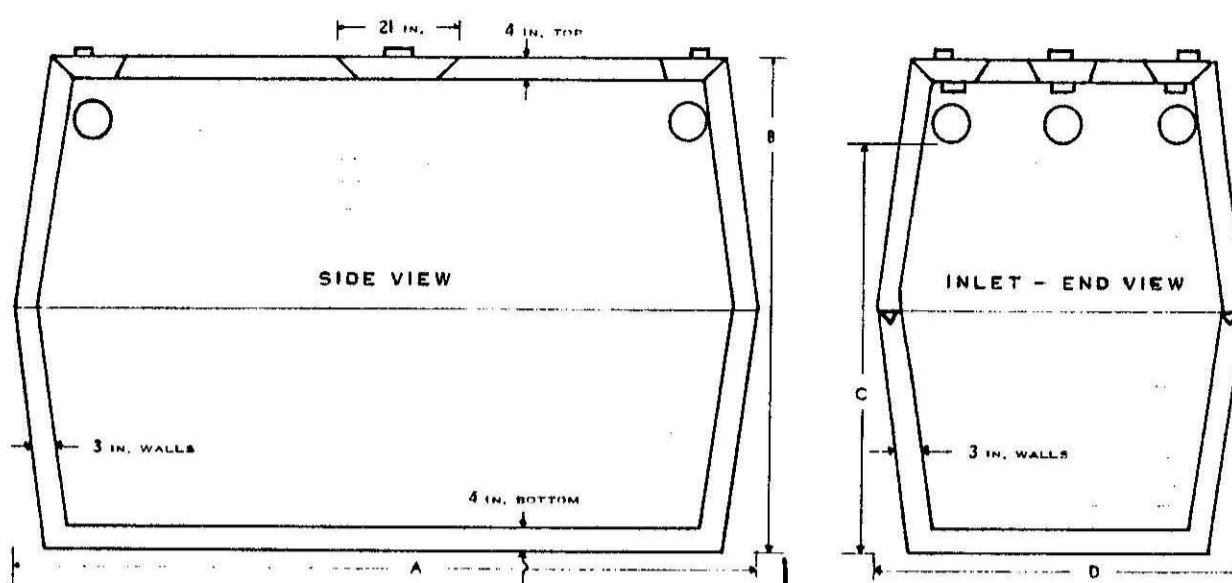
SITE PLAN (SCALE 1"=40')

BAY ROAD



Concrete DRY WELL

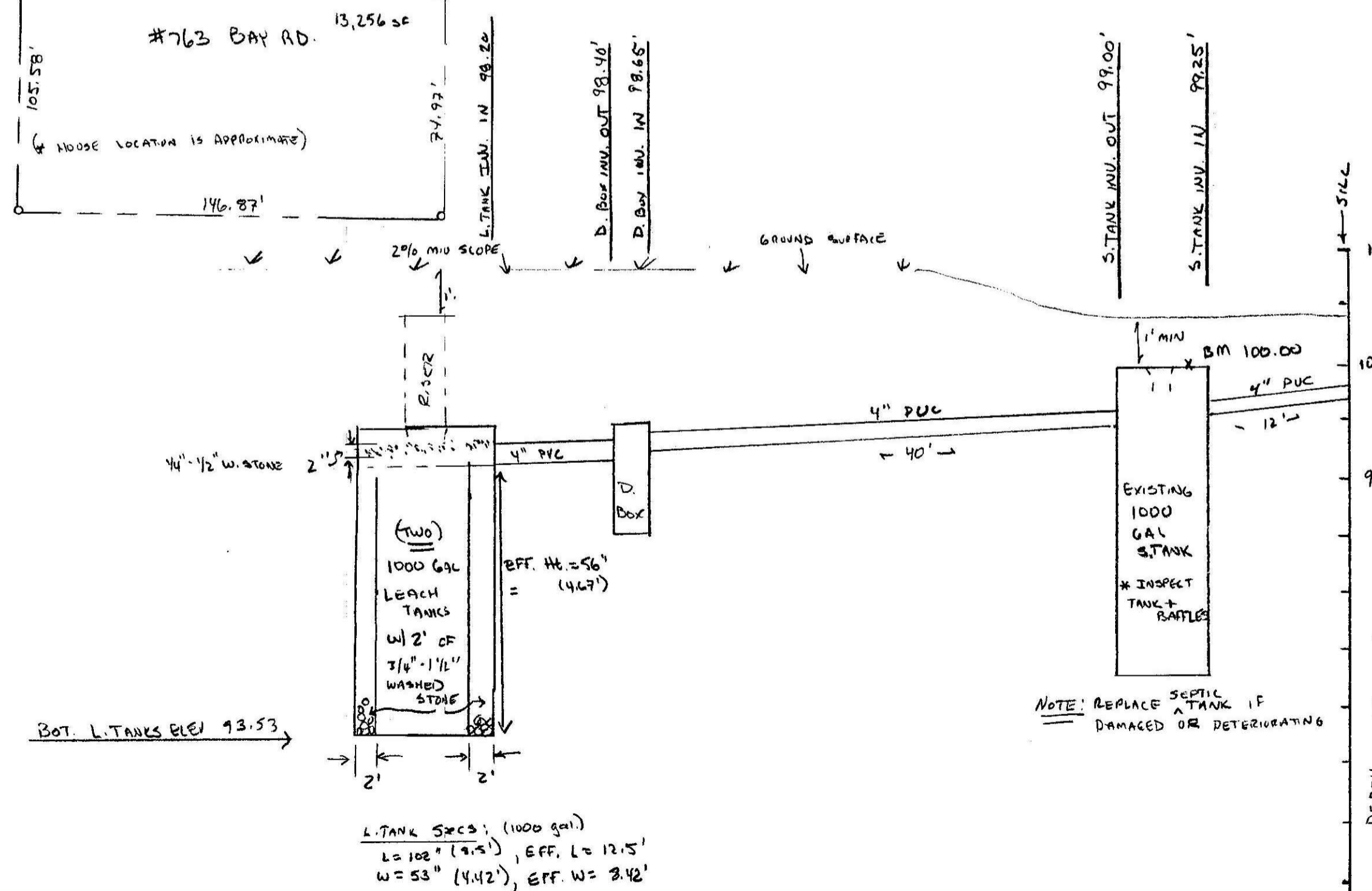
MANUFACTURED BY:  
KELLOGG BROS., INC.  
377 LOOMIS STREET, SOUTHWICK, MA 01077  
(413) 569-6029



REMOVABLE COVERS  
ReD + WIRE MESH REINFORCING IN TOPS  
4,000 LBS. P.S.I. MINIMUM STRUCTURAL LOADING

	Standard	Large	Standard Half	Large Half
Approx Gallons	1000	1400	500	700
A	102	120	102	120
B	64	64	30	32
C	56	55	22	23
D	53	60	53	60

DRY WELLS/L. TANKS SPECS.



L. TANK SPECS: (1000 gal.)  
L = 102" (8.5'), EFF. L = 12.5'  
W = 53" (4.42'), EFF. W = 3.42'

CROSS-SECTION OF SUBSURFACE SEPTIC DISPOSAL SYSTEM

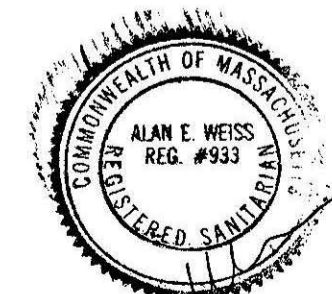
DEPTH	TP-1 (101.82)
0-10"	BEN. SILTY LOAM
10"-26"	SUBSOIL
26"-5'	Lt. Brn. M-C. SAND + GRAVEL
5'-8'	Lt. Brn. F. SAND + SILT, MOD. DENSE.
8'-114'	BRN C. SAND + GRAVEL

(No H<sub>2</sub>O)

SOIL LOGS AW 61193

DESIGN NOTES

- DESIGN BASED ON 8 mm/in PERC DETERMINED 6/11/93, AT 62"
  - USING TWO 1000 GAL LEACH TANKS
- SIDEWALL AREA:  
 $2 \times [2 \times (4' + 4.5') \times 4.67'] = 233.50 \text{ SF}$   
 $2 \times [2 \times (4' + 4.42') \times 4.67'] = 157.3 \text{ SF}$   
 BOTTOM AREA:  $2 \times [12.5' \times 3.42'] = 210.5 \text{ SF}$
- $(210.5 \text{ SF} \times 0.63 \frac{\text{GAL}}{\text{SF}}) + (390.8 \text{ SF} \times 1.25 \frac{\text{GAL}}{\text{SF}}) = 621.1 \frac{\text{GAL}}{\text{DAY}}$
- REQUIREMENT:  
 FOR 4 BR HOUSE  $1110 \frac{\text{GAL}}{\text{DAY}} = 440 \frac{\text{GAL}}{\text{DAY}} \times 1.25\% \text{ FACTOR} = 550 \frac{\text{GAL}}{\text{DAY}}$
- NO CHANGE IN GRADE REQUIRED.
  - NO WETLANDS WITHIN 100' OF SSDS.
  - TOWN WATER SUPPLIED, NO KNOWN WELLS W/IN 200 FT OF SSDS.
  - SLOPE CALCS N/A.
  - NO GARBAGE DISPOSAL ALLOWED.
  - DESIGN USES TWO 1000 GAL. LEACH TANKS IN PARALLEL.
  - BOTTOM OF L. TANK EXCAV. MUST INTERSECT LOWER C. SAND + GRAVEL. SUBGRADE INSPECTION REQUIRED.



PROPOSED SEPTIC REPAIR PLAN FOR RICHARD ELLIS 763 BAY ROAD, AMHERST, MA.		
SCALE:	APPROVED BY	DRAWN BY AW
DATE: 6/9/93		
COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.		
BELCHERTOWN, MA. 323-5957	DRAWING NUMBER 93-281-0525	

#763

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

No. 74-35 Date MAY 28, 1974 Fee 3.00 Date Rec'd. 5-28-74 By CEN

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

Location—Address 763 BAY ROAD or Lot No. MOVE

Owner Phillip McKean Address 763 BAY RD

Contractor RIVER DR. EXC. Address RIVER DR. WARDEN

Type of Building \_\_\_\_\_ Dimensions \_\_\_\_\_ Size Lot \_\_\_\_\_

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

Other \_\_\_\_\_ No. of persons \_\_\_\_\_ Showers ( )

Other fixtures \_\_\_\_\_

Town Water? \_\_\_\_\_ Type of Well \_\_\_\_\_

Design Flow \_\_\_\_\_ gallons per person per day. Total daily flow \_\_\_\_\_ gallons

Septic Tank—Liquid capacity \_\_\_\_\_ gallons Dimensions: L \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

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

Disposal Bed—No. 1 Diameter 13x30 Depth below inlet \_\_\_\_\_ Total leaching area 320 sq. ft. min

Dry Well—No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Dimensions: \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_

Other: Distribution box ( ? ) No. \_\_\_\_\_ Dosing tank ( )

(Depth of Soil Line Below finished grade at foundation \_\_\_\_\_)

Percolation Test Results Performed by \_\_\_\_\_ Date \_\_\_\_\_

Test Pit No. 1 \_\_\_\_\_ minutes per inch Depth of Test Pit \_\_\_\_\_

Test Pit No. 2 \_\_\_\_\_ minutes per inch Depth of Test Pit \_\_\_\_\_

Description of Soil SAND + GRAVEL Depth to Ground Water \_\_\_\_\_

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.

Phillip McKean  
Owner or builder

5-28-74  
date

Application Approved by C. Drake Jr.

5-28-74  
date

Application Disapproved for the following reasons:

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. 74-35 Permission is hereby granted Phillip McKean to construct ( ) or repair (X) an

Individual Sewage Disposal System at 763 BAY RD

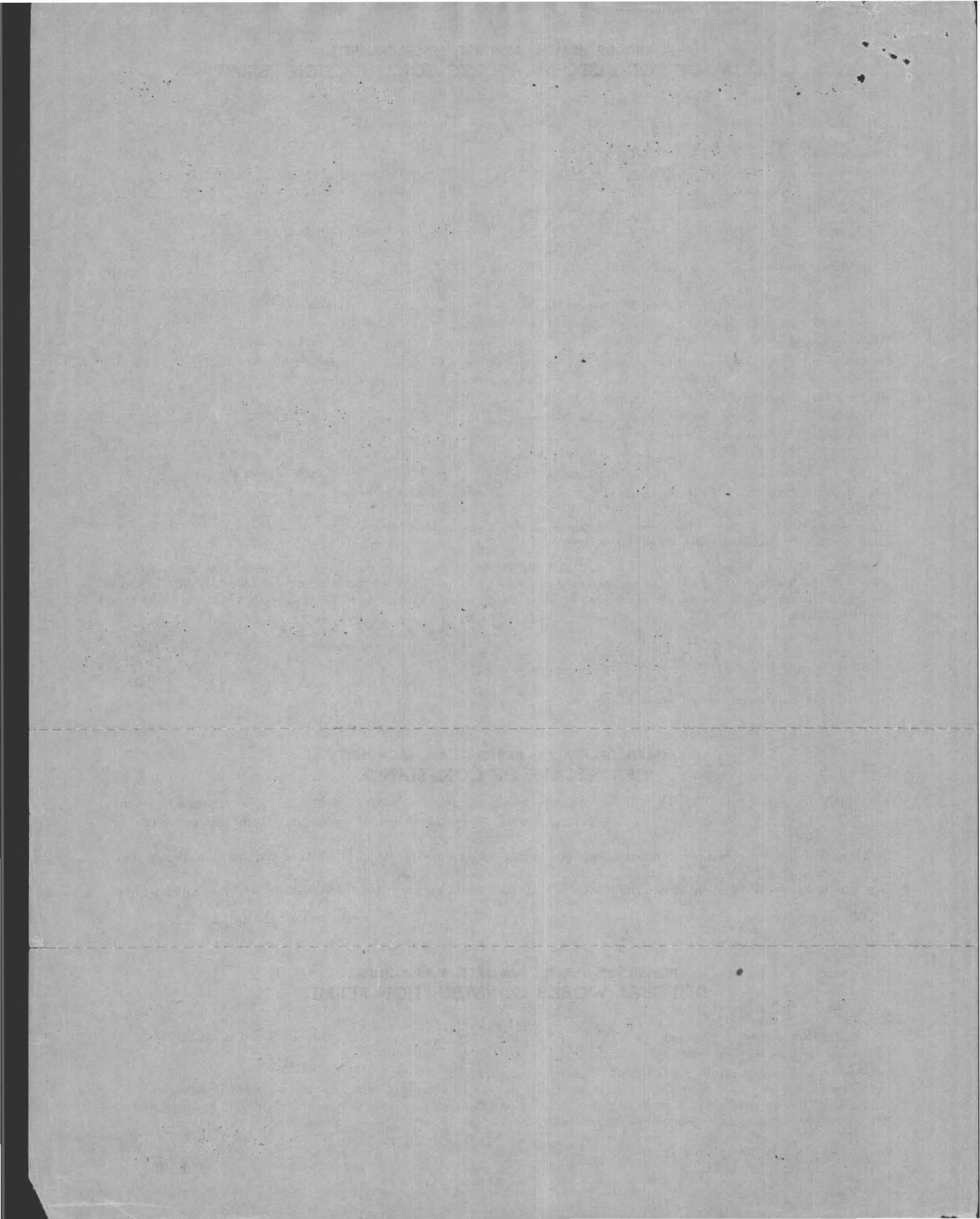
as shown on the application for Disposal Works Construction Permit No. 74-35

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 5-28-74

C. Drake Jr.  
Board of Health





BOARD OF HEALTH  
TOWN OF AMHERST, MASSACHUSETTS

Important Information Regarding Your Private Sewage Disposal System

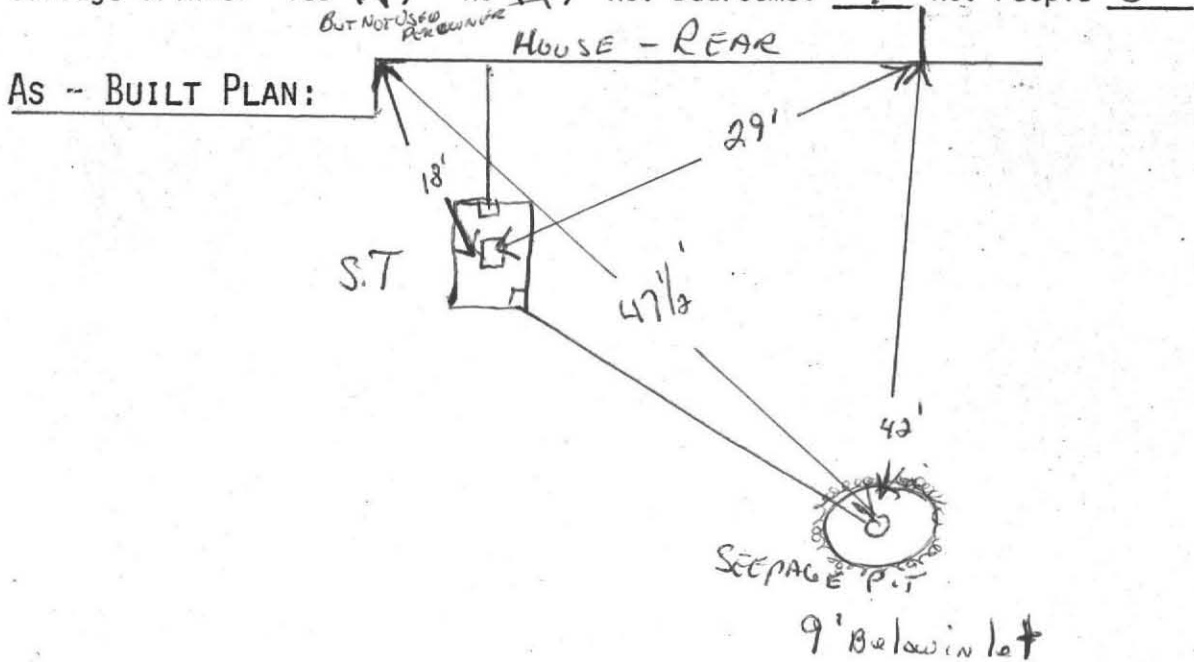
DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner Phillip McKean Address 763 BAY RD.  
 Installer RIVER DR. INC. Address RIVER DR. HUNTOLEY  
 Date Installation Inspected and Approved JULY 3, 1974

Description of System: Tank Capacity: 1200

Leach Field ( ) Bed ( ) Seepage Pit (X) Square Feet: 375

Garbage Grinder Yes (X) No () No. Bedrooms: 4 No. People 8



**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.

