

8000

No. 91-25

Fee \$60.00

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

TOWN OF DAK BLOFFS

Chimney  
1/15/91

Application for Disposal Works Construction Permit

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

ELIOT AVENUE ASSR. PCL. 33-23

Location - Address CYNTHIA S. STIBOLT c/o RONALD RAPAPORT, P.O. BOX 1230, EDGEMONT, MA

Owner WATERCOURSE CONSTRUCTION TISAVAY

Installer

Address 26,840E Sq. feet

Type of Building Four Expansion Attic ( ) Garbage Grinder ( )  
Dwelling - No. of Bedrooms No. of persons Showers ( ) - Cafeteria ( )  
Other - Type of Building

Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 440 gallons.

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

Disposal Trench - No. 2 Width 13-6" Total Length - Diameter - Depth 3-7" Total leaching area. 588 sq. ft.

Seepage Pit No. 2 Diameter 13-6" Depth below inlet 3-7" Total leaching area. 588 sq. ft.

Other Distribution box (X) Dosing tank ( ) 3 Chambers BATTERS Date 3-28-91

Percolation Test Results Performed by 3 CHAMBERS BATTERS Date 3-28-91  
Test Pit No. 1 9 minutes per inch Depth of Test Pit 13.5' Depth to ground water None encountered  
Test Pit No. 2 9 minutes per inch Depth of Test Pit 7' Depth to ground water 11"

Description of Soil SEE PLOT PLAN.

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.

Application Approved By [Signature] Signed AGENT 5-15-91  
R. POLOGIANE Date 5-15-91

Application Disapproved for the following reasons:

Permit No. 91-25 Issued \_\_\_\_\_ Date \_\_\_\_\_

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

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

by R. OLSEN Installer

at 33-23 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. 91-25 dated \_\_\_\_\_

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

DATE 9/1/92 Inspector [Signature]

THE COMMONWEALTH OF MASSACHUSETTS  
BOARD OF HEALTH

No. 91-25 Town of CHILMARK Fee \_\_\_\_\_

Disposal Works Construction Permit

Permission is hereby granted CYNTHIA STIBOLT Street 91-25 Dated 5/15/91  
to Construct (X) or Repair ( ) an Individual Sewage Disposal System Permit No. 91-25  
at No. 33-23 [Signature] Board of Health

as shown on the application for Disposal Works Construction Permit No. 91-25 dated 5/15/91

DATE 5/15/91

Bottom loading = \_\_\_\_\_ gallons / \_\_\_\_\_

4. Leaching Area  
 Total sidewall area provided =  $302 \frac{\text{S.F.} \times 1.00 \text{ gal./S.F.}}{\text{gal.}} = 302 \text{ gal.}$   
 Total bottom area provided =  $286 \frac{\text{S.F.} \times 0.55 \text{ gal./S.F.}}{\text{gal.}} = 157 \text{ gal.}$   
 Maximum allowable loading (under Title 5) =  $459 \frac{\text{gallons}}{\text{gallons}}$   
 Actual hydraulic loading =  $440 \frac{\text{gallons}}{\text{gallons}}$   
 Minimum size leaching area allowed under the Town of CHILMARK  
 Board of Health requirements is THE SAME AS TITLE V

### LEGEND

- XX— Denotes proposed contour
- FG = XX X Denotes proposed finished grade
- XX--- Denotes existing contour
- XX.X Denotes existing spot elevation
- Denotes test hole location
- P.V.C. Denotes polyvinyl chloride pipe (see Note # 7 above)
- V.C.B. & S. Denotes vitrified clay bell and spigot
- E.H.C.I. Denotes extra heavy cast iron
- W— Denotes water service
- R— Denotes approximate property line
- O.W.— Denotes overhead wires
- D— Denotes storm drain pipe
- Denotes catch basin

### PROPOSED SEWAGE DISPOSAL SYSTEM

TO SERVE AN EXISTING DWELLING AND PROPOSED ADDITIONS  
 ASSR, PCL, 33-23 ELIOT AVENUE  
 CHILMARK, MASSACHUSETTS

APPLICANT: CYNTHIA S. STIBOLT TEL. NO. 627-3711  
 4% RONALD RAPPAPORT  
 P.O. BOX 1230, EDGARTOWN MA 02539

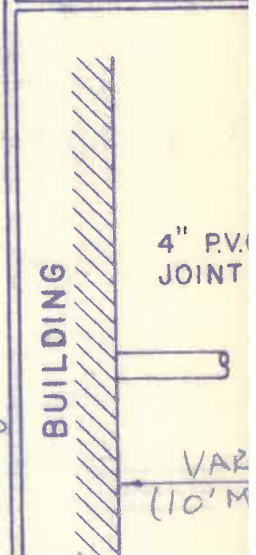
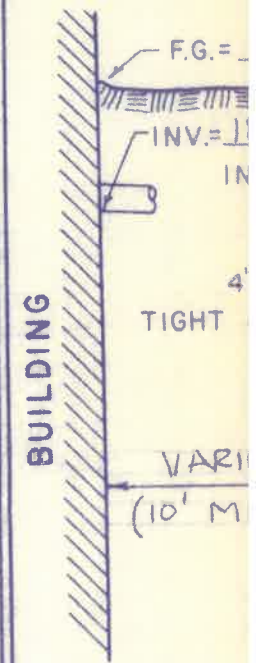
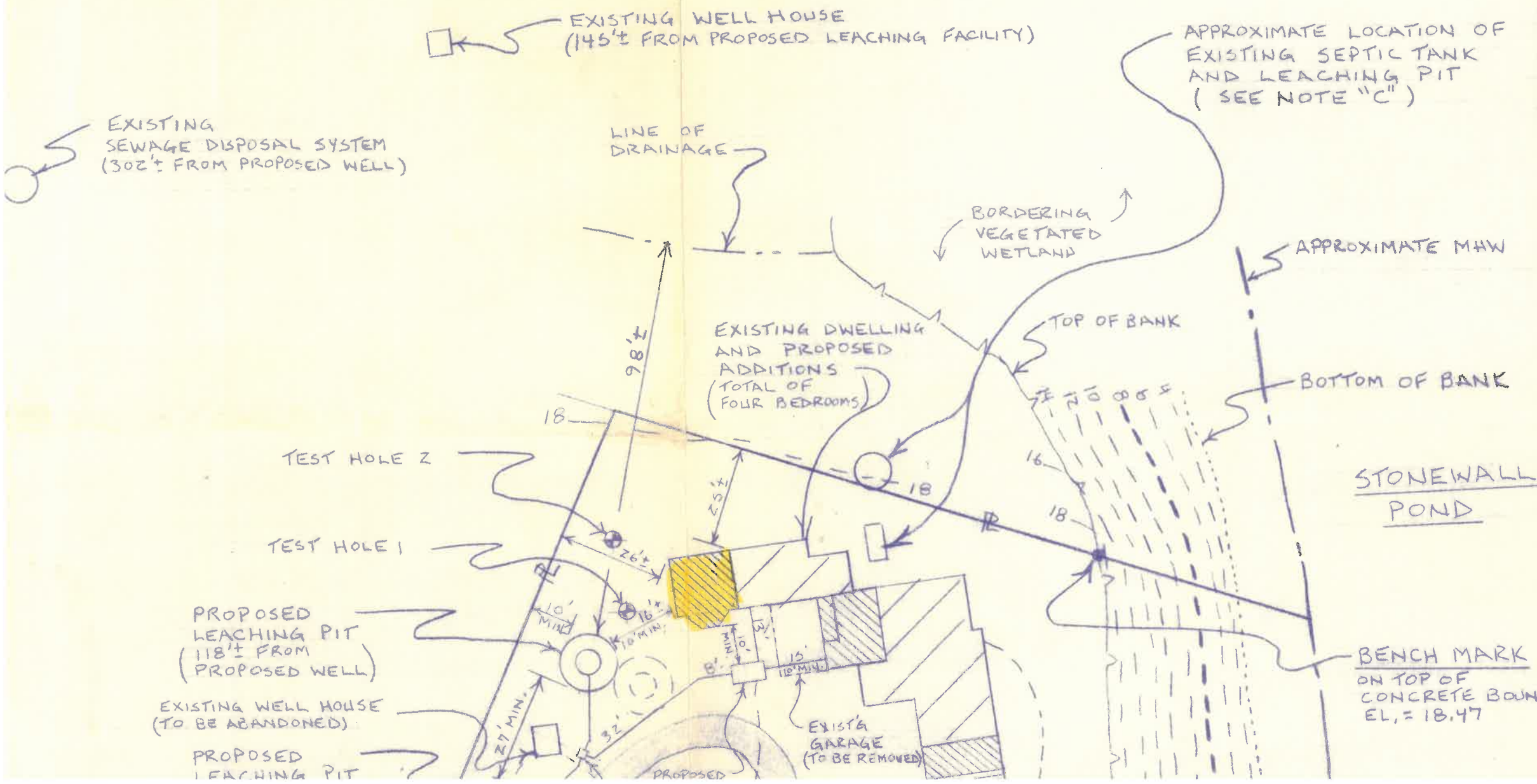
DATE: MAY 14, 1991 SCALE: AS NOTED

DESIGNED BY: MRD	DRAWN BY: MRD	CHECKED BY: R5B	
SCHOFIELD BROTHERS, INC., PROFESSIONAL CIVIL ENGINEERS P.O. BOX 339, VINEYARD HAVEN, MA 02568			



MAIL-5424

**PLOT PLAN**  
 SCALE: 1" = 30'  
 LOT AREA = 26,840 ± SF



PROPOSED FACILITY)

EXISTING WELL (TO BE ABANDONED)

EXISTING SEWAGE DISPOSAL SYSTEM (197'± FROM PROPOSED WELL)

EXISTING WELL (185'± FROM PROPOSED) LEACHING FACILITY

APPROXIMATE LOCATION OF EXISTING SEWAGE DISPOSAL SYSTEM (143'± FROM PROPOSED WELL)

ELIOT AVENUE

LIMIT OF 100 YEAR FLOOD EL<sub>1</sub> = 8

*11/18/02  
in footprint  
count. ↑  
Enclosing porch - no change  
Total - no change  
Bedroom*

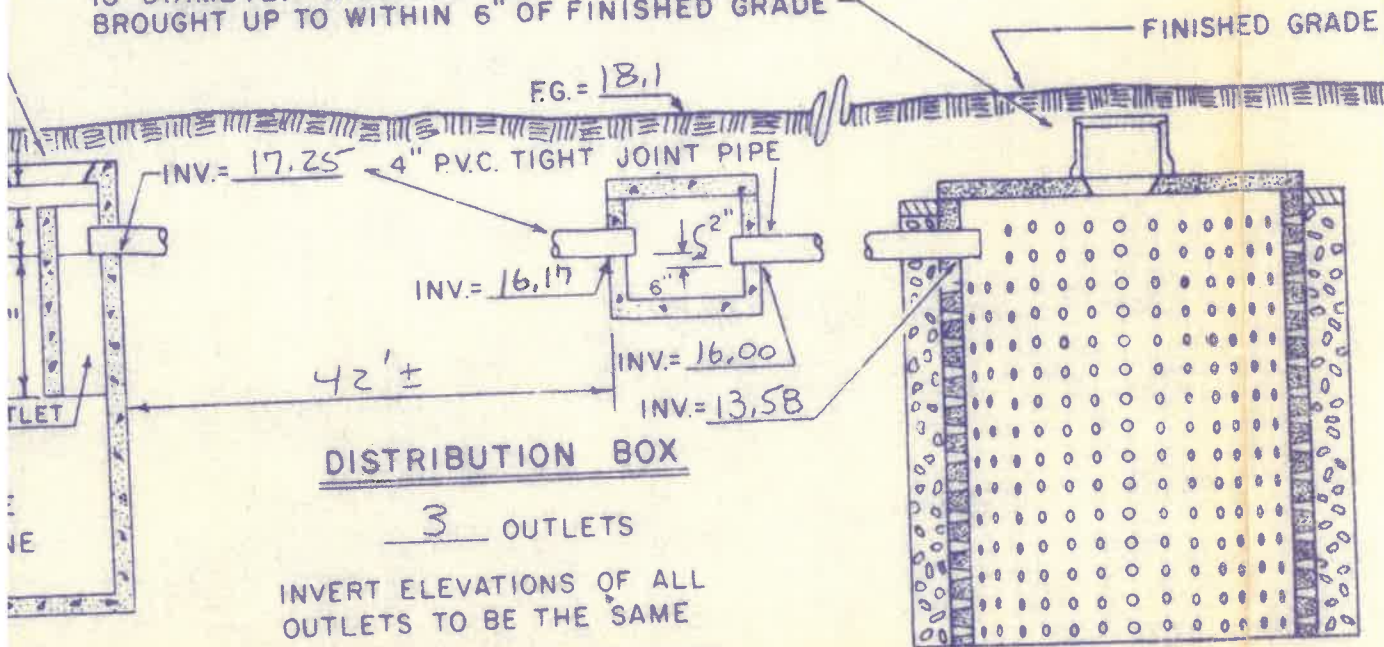
WERE FOUND WITHIN 100' OF PROPOSED LEACHING FACILITY  
FACILITIES WERE FOUND WITHIN 100' OF PROPOSED WELL  
TIC TANK AND LEACHING PIT TO BE ABANDONED,  
NECESSARY, AND BACKFILLED WITH CLEAN SAND  
SHALL ASCERTAIN THE LOCATION OF EXISTING  
AND UTILITIES PRIOR TO EXCAVATION.  
DURBED BY CONSTRUCTION TO BE REVEGETATED  
COMPLETION OF PROJECT

2'
4'
IN
E
0
E
Top of
Baseme
Invert
Invert
Invert
DEEP TEST
DATE OF TE
DEPTH
0"-6"
6"-42"
42"-162"

## PROFILE OF SYSTEM

MANHOLE & COVER - MIN. DIA. 24"  
BROUGHT UP TO WITHIN 6" OF FINISHED GRADE

18" DIAMETER MANHOLE WITH CONCRETE COVER  
BROUGHT UP TO WITHIN 6" OF FINISHED GRADE



DISTRIBUTION BOX

3 OUTLETS

INVERT ELEVATIONS OF ALL  
OUTLETS TO BE THE SAME

1 OUTLET TO BE PLUGGED  
FOR FUTURE EXPANSION PURPOSES  
(SEE PLOT PLAN FOR LOCATION)

OUTLET PIPES SHALL BE LEVEL  
FOR AT LEAST TWO FEET

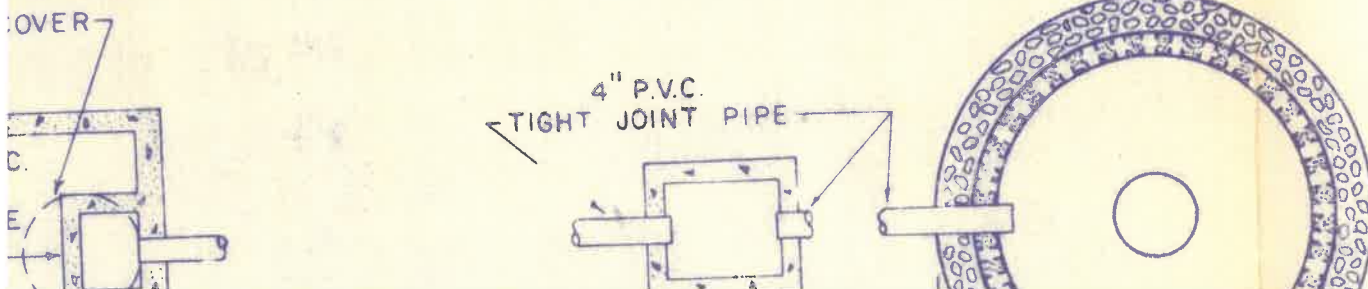
LEACHING PIT

(H-20 PIT @ DRIVEWAY)

CONCRETE

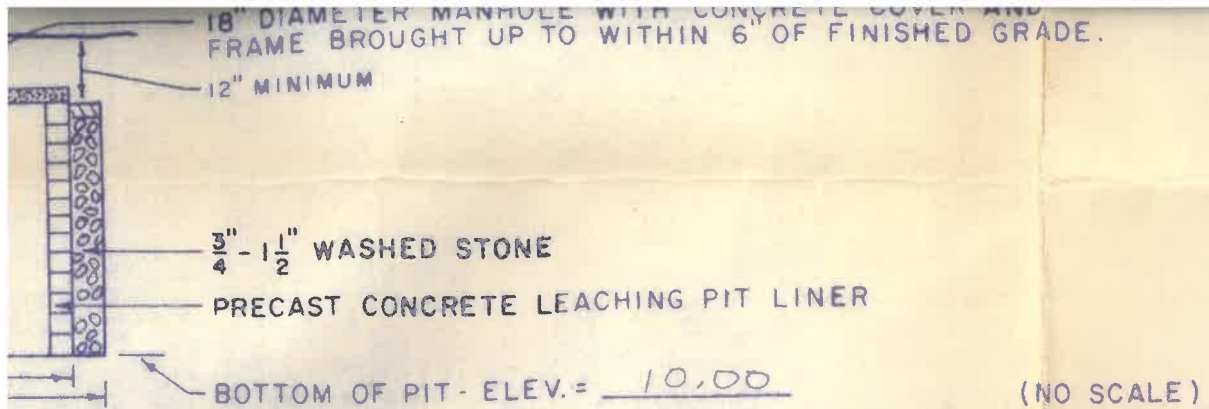
(SCALE)

## PLAN VIEW OF SYSTEM



## GENERAL NOTES

- Elevations refer to MEAN SEA LEVEL DATUM  
See Bench Mark on Plot Plan located ON TOP OF A CONC. BOUND
- Finished grading to be done in accordance with plot plan.
- Percolation tests performed in accordance with the instructions in Title 5 of the Massachusetts State Environmental Code.
- All construction to conform to Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of CHILMARK
- All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching pit and to a distance of N/A feet from all sides of the leaching pit. Excavate down to N/A inches below the surface of the natural permeable soil. Backfill as required with a clean gravel or sandfill material, free from fines, c organic matter, and large boulders, having a percolation rate in its original location and after placement of 2 minutes per inch or faster. Construct pit in this material.
- All washed stone in the leaching field must have less than 0.2 percent material finer than a number 200 sieve as determined by the A.A.S.H.O. Test Methods and T-27 (latest edition).
- Tight joint piping to consist of Polyvinyl Chloride Pipe (P.V.C.), Schedule 40, unless otherwise noted.
- In cases where ledge or boulders are present, Schofield Brothers, Inc. will not be responsible for assuring the amount of rock to be encountered.
- Schofield Brothers, Inc. will not be responsible for the performance of this system unless constructed as shown. Any alterations must be approved in writing by Schofield Brothers, Inc.
- Heavy machinery shall not be permitted to pass over the leaching pit.
- The Board of Health shall require inspection of all construction by the design engineer or by an agent of the Board of Health, and require such person to file in writing that all work has been completed in accordance with the terms of the permit and the approved plans.
- No permanent structure may be constructed over the 100% expansion area.
- For proper performance, septic tank should be inspected at least once a year when the total depth of scum and solids exceeds  $\frac{1}{3}$  the liquid depth of the tank should be pumped.



2. Septic Tank Size  
 Average daily flow =  $\frac{440}{24} \times 150$  % = 660 gallons (minimum)  
 Septic tank provided = 1000 GALLON
3. Design percolation rate = 10 M.P.I.  
 Sidewall loading = 1.00 gallons / S.F.  
 Bottom loading = 0.55 gallons / S.F.
4. Leaching Area  
 Total sidewall area provided = 302 S.F.  $\times$  1.00 gal./S.F. = 302 gal.  
 Total bottom area provided = 286 S.F.  $\times$  0.55 gal./S.F. = 157 gal.  
 Maximum allowable loading (under Title 5) = 459 gallons  
 Actual hydraulic loading = 440 gallons  
 Minimum size leaching area allowed under the Town of CHILMARK  
 Board of Health requirements IS THE SAME AS TITLE V

OF ELEVATIONS

FINISHED GRADE  
ABOVE STRUCTURE

Invert at distribution box inlet	=	<u>16.17</u>	
Invert at distribution box outlet	=	<u>16.00</u>	<u>18.1</u>
Invert at leaching pit inlet	=	<u>13.58</u>	<u>VARIES</u>
Elevation of leaching pit bottom	=	<u>10.00</u>	

Finished grade over leaching pit - See Plot Plan

LEGEND

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- FG. = XX X Denotes proposed finished grade
- XX---
- XX.X Denotes existing spot elevation
- ⊙ Denotes test hole location
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- V.C.B. & S. Denotes vitrified clay bell and spigot
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- Denotes catch basin

TEST DATA

T 2 (SURFACE ELEVATION <u>18.8</u> )		PERCOLATION TEST DATA			
SOIL DESCRIPTION	TEST PIT NO.	DATE	TOP OF 12" OF WATER		RATE: MINUTES PER INCH
			DEPTH FROM TOP OF PIT	ELEVATION	
TOPSOIL	Z	3-28-91	72"	12.8	9
ILTY SAND SUBSOIL					
E TO MEDIUM SAND					
H SOME SILT AND					



BCH



TOWN OF CHILMARK  
CHILMARK, MASSACHUSETTS

Chilmark Board of Appeals

TOWN OFFICES:  
Beetlebung Corner  
Post Office Box 119  
Chilmark, MA 02535  
(508) 645-2110 Fax

NOTICE OF DECISION ON SPECIAL PERMIT

**Owners:** Edwin C. Cohen  
**Applicant:** Carole Hunter  
**Address:** 20 Eliot Avenue, Chilmark, MA  
**Map:** 33    **Lot:** 23  
**Date:** February 13, 2002

received  
2/15/02

Application under Article 6, Section 6.6 Exception to minimum setback, for a Special Permit to build a 8' x 12' bike/garden shed less than 25 feet from the lot line at the property located at 20 Eliot Avenue, assessor's map 33 lot 23. The application was heard at a duly posted hearing held on February 12, 2002, at which meeting the application was approved by the Board.

**IMPORTANT:**

**FIRST:**

Any appeal from the decision of the Board of Appeals can be made only to the Superior Court for Dukes County or to the Land Court under Section 14A of Massachusetts General Laws, Chapter 240 and must be filed within twenty calendar days following the filing of the decision with the office of the Town Clerk, as evidenced by the date of the Clerk's date stamp and signature below, as provided in Section 17 of the Zoning Act.

**SECOND:**

This Decision and any building plans approved by the Board of Appeals must be recorded in the office of the Recorder of Deeds and a record of the recording of both the decision and any building or other plans must be submitted to the Board of Appeals before a building permit may be issued. All plans to be recorded must be printed on 8 1/2" by 14" plain paper.

 Clerk Pro Tem, Board of Appeals

**Copies to Applicant, Town Clerk, Building Inspector, Planning Board and abutters**



**TOWN OF CHILMARK APPLICATION FOR SITE REVIEW**

**FILING FEE - \$20.** Check # 2976 Application date: **January 7, 2002**

**Application # 02-05**

**Assessors Map: 33 Lot: 23**

**Street Address :** 20 Elliot Avenue

**Owner :** Ed Cohen

**Owner's mailing address :** c/o Carlin Ventures, Inc. 419 Layette Street 7<sup>th</sup> Fl.,  
New York, NY 10003

**Applicant :** Carole Hunter

**Applicant's address :** RR 2, Box 1167, Vineyard Haven, MA 02568

**Applicant's phone number :** 508 693-4115

**Description of the proposed development:**

Enclose an existing screen porch to make a four season room and add a 8' x 12' by 10' high bike shed in the backyard.

**REPORT OF THE SITE REVIEW COMMITTEE**

**Date :** January 10, 2002

**Committee members present:** Katie Carroll: Acting Chair (Board of Health),  
Alex Preston (Board of Selectmen), Ed Knapp (Conservation Commission),  
Rusty Walton (Planning Board),

**Permits Required:** Board of Appeals, Board of Health, Conservation  
Commission, Building permit



# Memo

**To:** Lenny Jason  
**From:** Sylvia Yeomans  
**Date:** 1/23/02  
**Subject:** Ed Cohen, Map 33 Lot 23

I reviewed the renovation floor plan for this dwelling and determined the following; There is no change in the footprint, no interference with the existing septic system. The additional bedroom brings the total bedroom count to four (4) and the existing septic design permit #91-25 is a four (4) bedroom design. No further action is required at this time.

*Enclosed porch  
is bedroom.*

Bolt



TOWN OF CHILMARK  
CHILMARK, MASSACHUSETTS

received  
1/25/02

TOWN OFFICES:  
Beetlebung Corner  
Post Office Box 119  
Chilmark, MA 02535  
(508) 645-2110 Fax

**CHILMARK ZONING BOARD OF APPEALS**

There will be a public hearing Tuesday, February 12, 2002 at 9:00 pm at the Chilmark Town Offices to act on a petition by **Edwin C. Cohen**, under Article 6, Section 6.6, Exception to a minimum setback, requesting a Special Permit to built a 8' x 12' bike/garden shed less than 25 feet from the lot line on his property located at 20 Eliot Avenue, Assessor's **map 33 lot 23**.

POSTED: Noon  
RECEIVED  
JAN 23 2002  
*M. Becker*  
CHILMARK TOWN CLERK

Melanie Becker  
Administrative Assistant

Town of Chilmark

TO THE BOARD OF APPEALS

January 21, 2008

The undersigned hereby petitions the Board of Appeals to vary the terms of the Zoning By-Laws of the town of Chilmark Acts of \_\_\_\_\_ at premises \_\_\_\_\_

20 Eliot Avenue Map 33 Lot 23, Edwin C. Cohen  
in the following respect:

allow construction of 8'x12' garden/bike shed beyond 25' setback line under Article 6, Section 6.6, Exception to minimum or any limitation, extension, change, alteration or modification of use, or method of use as may at hearing appear as necessary or proper in the premises. <sup>Setba</sup>

*State Briefly Reasons for Variance.*

Owner wishes to build a 8'x12' bike/garden shed on their preexisting non-conforming property. They cannot meet the 25' setback requirement and are requesting a special permit to allow construction of proposed shed beyond 25' setback line.