

January 5, 2024

Re: Notice of Variance Request #86 Beach Plum Lane, Chilmark A.P. 21-79
VLSE Job # 567

Dear Abutter,

The Chilmark Board of Health requires that any Disposal Works Permit applicant requesting variances to the local Board of Health and/or Massachusetts Title 5 regulations must notify abutters to the project of the Board of Health meeting and hearing where the variance request will be considered. Therefore, this letter is to notify you that a Board of Health hearing will be held at the Chilmark Town Hall:

February 7, 2024 at 5:15 P.M.

The following variances are being sought from **Chilmark Board of Health and Regulations:**

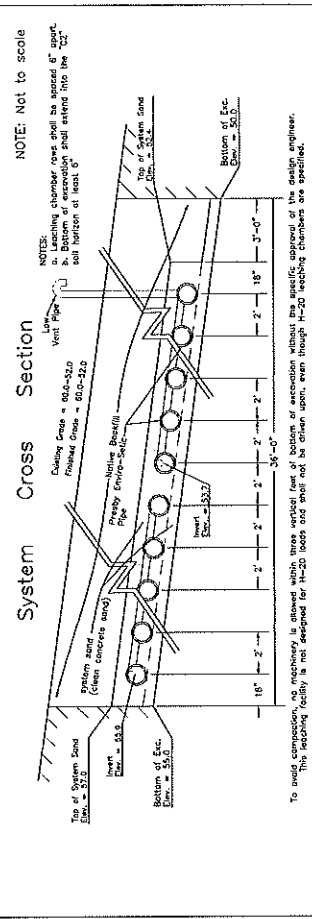
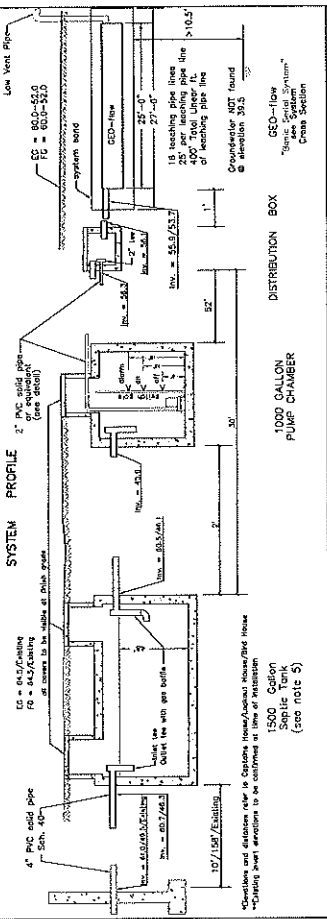
- Leaching area to leaching area separation in Coastal District ; 300' required – 93', 200' and 222' proposed

Complete copies of the plan may be examined at the Chilmark Board of Health (508)-645-2105 or this office, please call with any questions regarding this notice.

Sincerely,

A handwritten signature in black ink, appearing to read 'Reid G. Silva', written in a cursive style.

Reid G. Silva, PE/ PLS
Professional Engineer
Professional Land Surveyor



Design Criteria

Design Hydraulic Loading:
 4 Bedrooms x 110 GPD/Bedroom = 440 GPD "Cooking" House
 2 Bedrooms x 110 GPD/Bedroom = 220 GPD "Leachout" House
 2 Bedrooms x 110 GPD/Bedroom = 220 GPD "Bird" House
 220 GPD Total

Septic tank capacity:
 Required: 440 GPD x 2.00 = 880 Gal. minimum ("Cooking" House)
 Required: 440 GPD x 2.00 = 880 Gal. minimum ("Leachout" & "Bird" House)
 Septic tank provided = 1500 Gal. ("Cooking" House)
 Septic tank provided = 1500 Gal. ("Leachout" & "Bird" House)

Leaching Capacity Provided:
 Leaching Capacity: 1500 Gal. ("Basic Serial System")
 Leaching Capacity: 1500 Gal. ("Basic Serial System")
 Leaching Capacity: 1500 Gal. ("Basic Serial System")
 Leaching Capacity: 1500 Gal. ("Basic Serial System")

Proposed Septic System Upgrade on Land in Chilmark, Mass.

Designed for: Robert & Sarah Nixon
 Street Address: 186 Beach Plum Lane
 Accession No.: 21-79

Let date: 11/22/2024
 Designed by: Cady Coushino
 Checked by: R.S.S.
 Date: January 3, 2024
 Revised:

VINYARD LAND SURVEYING & ENGINEERING
 12 Courthouse Road
 P.O. Box 42
 Chilmark, MA 02575
 P 508-693-3774 F 508-693-0440
 VLE not

Notes

- This plan is to be used only for the approved and installation of a septic system and is not to be used for any other purpose.
- All construction and components shall conform to Massachusetts State Environmental Code TITLE V and Local Board of Health Requirements.
- This design does not warrant the location of underground utilities, including any other underground utilities. The owner is to be responsible for locating these utilities as necessary.
- No grease grinder is allowed with this system.
- Any portion of this system subject to vehicular traffic shall be capable of 18"=1' loading.
- No walls shall be placed on the proposed leaching facility, and no leaching facilities could be found within 300' of the proposed leaching facility unless otherwise shown.
- All access covers are to weigh at least 150 lbs. or screened down.
- Leaching pipes shall consist of infiltrator Envin-Septic Pipes or an approved equivalent.
- Any clean sand fill required by this design is to have less than 4% passing the No. 100 sieve.
- No walls shall be placed on the proposed leaching facility, and no leaching facilities could be found within 300' of the proposed leaching facility unless otherwise shown.
- The engineer (and the local approving authority) is to inspect and approve the installation and placement of all pipes and components before final completion.
- This system is to be installed in accordance with the construction of this system as it is provided to the owner and the Board of Health by the Engineer.
- See Freshly Environmental's manual for installation guidelines.

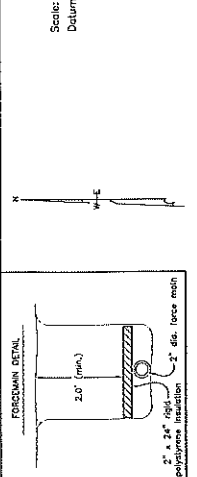
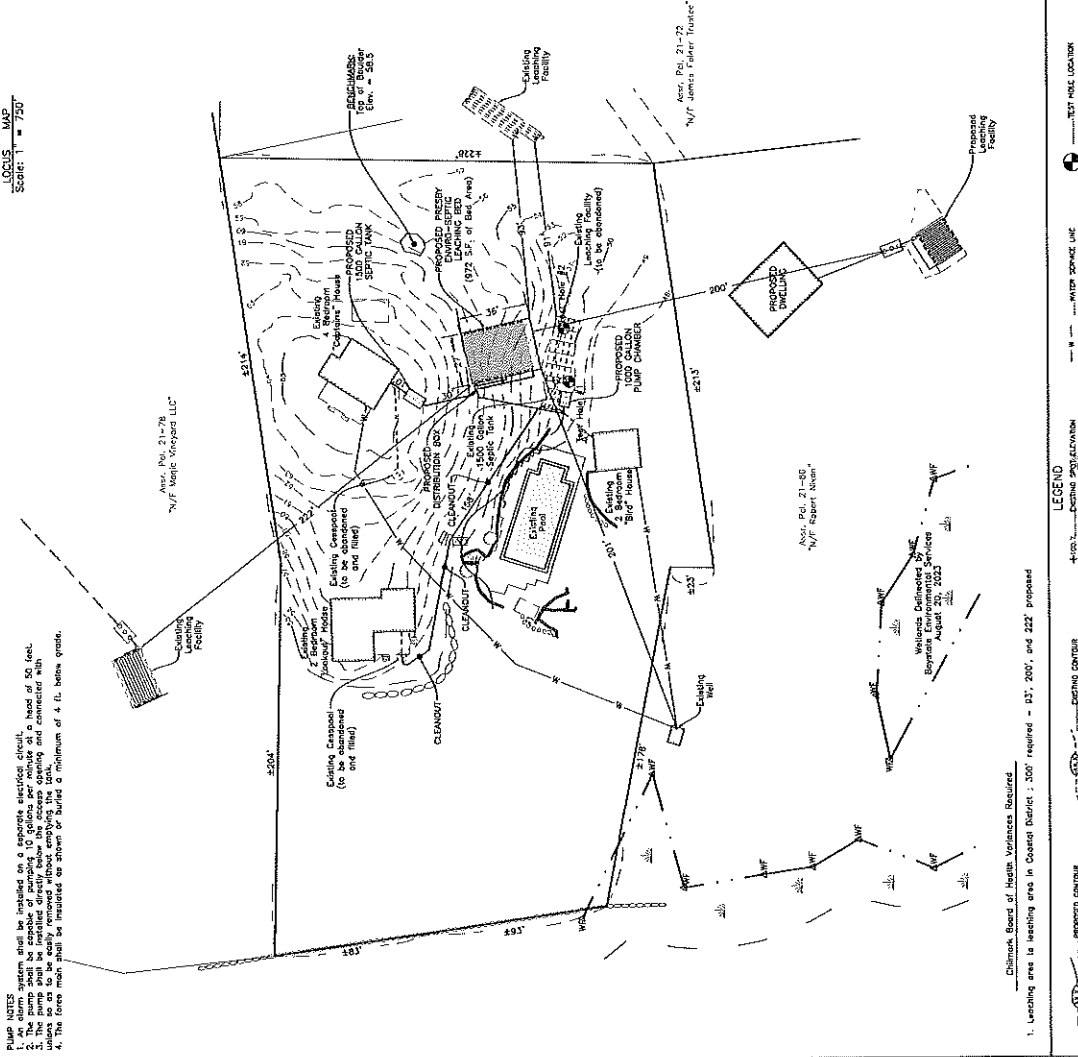
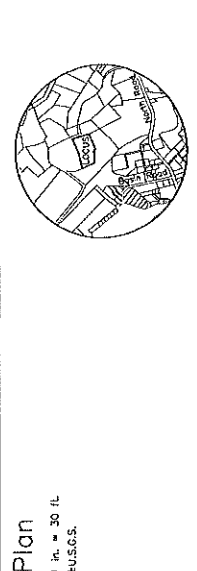
SOIL DATA

Soil location: Field 0, Site, P.E.
 Reported By: Z. Temam
 Date: May 1, 2008

Deep Observation Hole 1:
 Date: May 1, 2008
 Surface elevation = 51.0

Depth	Horizon	Texture
0"-8"	A	Sandy loam
8"-28"	B	Loamy sand
28"-50"	C1	Silt loam
50"-132"	C2	Sandy loam

Per. rate < 5 m.d. @ 23"
 No groundwater found at 132" (Dew. = 39.5)
 Per. rate < 10 m.p. @ 80"
 No groundwater found at 132" (Dew. = 40.0)



Chilmark Board of Health Variance Required
 1. Leaching area in leaching area in Coastal District; 200' required = 57', 200' and 222' proposed

LEGEND

- PROPOSED DWELLING
- PROPOSED LEACHING FACILITY
- PROPOSED PUMP CHAMBER
- PROPOSED DISTRIBUTION BOX
- PROPOSED SEPTIC TANK
- PROPOSED GREASE TRAP
- PROPOSED SAND CATCHER
- PROPOSED INFILTRATOR PIPES
- PROPOSED LEACHING PIPES
- PROPOSED CLEANOUT
- PROPOSED SAND CATCHER
- PROPOSED SAND CATCHER
- PROPOSED SAND CATCHER



300 foot Abutters List Report

Chilmark, MA
January 05, 2024

Subject Property:

Parcel Number: 021-079-00
CAMA Number: 021-079-00
Property Address: 86 BEACH PLUM LN

Mailing Address: NIXON ROBERT H & SARAH T G
3033 N STREET NW
WASHINGTON, DC 20007

Abutters:

Parcel Number: 021-004-00
CAMA Number: 021-004-00
Property Address: 62 BASIN RD

Mailing Address: CHILMARK TOWN OF/MENEMSHA
BEACH
PO BOX 119
CHILMARK, MA 02535

Parcel Number: 021-006-00
CAMA Number: 021-006-00
Property Address: 62 BASIN RD

Mailing Address: CHILMARK TOWN OF/MENEMSHA
BEACH
BOX 119
CHILMARK, MA 02535

Parcel Number: 021-008-00
CAMA Number: 021-008-00
Property Address: 62 BASIN RD

Mailing Address: CHILMARK TOWN OF/MENEMSHA
BEACH
BOX 119
CHILMARK, MA 02535

Parcel Number: 021-065-00
CAMA Number: 021-065-00
Property Address: 12 NIGHT HERON LN

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552

Parcel Number: 021-068-00
CAMA Number: 021-068-00
Property Address: 7 NIGHT HERON LN

Mailing Address: GLENN DYLAN C & MARY E MCNAIRY
4923 HILLBROOK LN NW
WASHINGTON, DC 20016

Parcel Number: 021-069-00
CAMA Number: 021-069-00
Property Address: 7 NIGHT HERON LN

Mailing Address: GLENN DYLAN C & MARY E MCNAIRY
4923 HILLBROOK LN NW
WASHINGTON, DC 20016

Parcel Number: 021-070-01
CAMA Number: 021-070-01
Property Address: 50 BEACH PLUM LN

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552

Parcel Number: 021-070-05
CAMA Number: 021-070-05
Property Address: 0 BEACH PLUM LN

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552

Parcel Number: 021-071-00
CAMA Number: 021-071-00
Property Address: 14 DH'S HILL RD

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552

Parcel Number: 021-072-00
CAMA Number: 021-072-00
Property Address: 80 BEACH PLUM LN

Mailing Address: FEINER JAMES E TRUSTEE
J E F REALTY TRUST BOX 26
MENEMSHA, MA 02552



www.cai-tech.com

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300 foot Abutters List Report

Chilmark, MA
January 05, 2024

Parcel Number: 021-074-00
CAMA Number: 021-074-00
Property Address: 0 BEACH PLUM LN

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552

Parcel Number: 021-075-00
CAMA Number: 021-075-00
Property Address: 7 NIGHT HERON LN

Mailing Address: GLENN DYLAN C & MARY E MCNAIRY
4923 HILLBROOK LN NW
WASHINGTON, DC 20016

Parcel Number: 021-076-00
CAMA Number: 021-076-00
Property Address: 7 NIGHT HERON LN

Mailing Address: GLENN DYLAN C & MARY E MCNAIRY
4923 HILLBROOK LN NW
WASHINGTON, DC 20016

Parcel Number: 021-078-00
CAMA Number: 021-078-00
Property Address: 100 BEACH PLUM LN

Mailing Address: MAGIC VINEYARD LLC
250 EAST PEARSON #1205
CHICAGO, IL 60611

Parcel Number: 021-080-00
CAMA Number: 021-080-00
Property Address: 144 BEACH PLUM LN

Mailing Address: NIXON ROBERT H
3033 N STREET NW
WASHINGTON, DC 20007

Parcel Number: 021-081-00
CAMA Number: 021-081-00
Property Address: 29 BASIN RD

Mailing Address: NIXON ROBERT H & SARAH T G
PO BOX 38
MENEMSHA, MA 02552-0038

Parcel Number: 271-174-00
CAMA Number: 271-174-00
Property Address: 14 CARROLL LN

Mailing Address: WEBSTER GUY M & LEONE TRSTEEES
9 & 14 CARROLL LN NOMINEE TRS 803 S
LA LUNA AVE
OJAI, CA 93023

Parcel Number: 271-176-00
CAMA Number: 271-176-00
Property Address: 21 CARROLL LN

Mailing Address: BERNHARD FREDERIC R & JILL C
PO BOX 286
CHILMARK, MA 02535

Parcel Number: 271-177-00
CAMA Number: 271-177-00
Property Address: 9 CARROLL LN

Mailing Address: WEBSTER GUY M & LEONE TRSTEEES
9 & 14 CARROLL LN NOMINEE TRS 803 S
LA LUNA AVE
OJAI, CA 93023

Parcel Number: 271-178-00
CAMA Number: 271-178-00
Property Address: 6 DH'S HILL RD

Mailing Address: COTTLE MARTHA TRUSTEE ;COTTLE
FAMILY REALTY TRUST
PO BOX 147
CHILMARK, MA 02535

Parcel Number: 271-180-00
CAMA Number: 271-180-00
Property Address: 14 DH'S HILL RD

Mailing Address: SWORDFISH ENTERPRISES LLC
PO BOX 38
MENEMSHA, MA 02552



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