

No. 2019-0091

FEE \$200

COMMONWEALTH OF MASSACHUSETTS

Board of Health, West Tisbury, MA.

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

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

Location <u>37 Stoney Hill Lane</u>	Owner's Name <u>Frances Pizzella</u>
Map/Parcel# <u>10-158</u>	Address <u>37 Madeline Lane Vineyard Haven, MA</u>
Lot#	Telephone# <u>774-563-0214</u>
Installer's Name	Designer's Name <u>SB+H Inc.</u>
Address	Address <u>Box 339 Vineyard Haven, MA</u>
Telephone#	Telephone# <u>508-693-2781</u>

Type of Building _____ Lot Size 44,956 ± sq. ft.

Dwelling - No. of Bedrooms 2 Garbage grinder ()

Other - Type of Building _____ No. of persons _____ Showers (), Cafeteria ()

Other Fixtures _____

Design Flow (min. required) 220 gpd Calculated design flow 220 Design flow provided 424 gpd

Plan: Date March 22, 2019 Number of sheets ONE Revision Date _____

Title Proposed Sewage Disposal System

Description of Soil(s) See Plan

Soil Evaluator Form No. 11 Name of Soil Evaluator C. Alley Date of Evaluation September 26, 2018

DESCRIPTION OF REPAIRS OR ALTERATIONS

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 [Signature] Date 3/22/2019

Inspections _____

No. _____

FEE _____

COMMONWEALTH OF MASSACHUSETTS

Board of Health, _____, 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: _____

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. _____, dated _____ Approved Design Flow _____ (gpd)

Installer _____

Designer: _____ Inspector: _____ Date: _____

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

...material, if any, must be excavated and
 Excavate down to a distance of 5 feet from the
 Backfill as required with materials meeting the
 Construct field on this sand.
 of section 15.255(3) of Title V.
 parking or turning area or other impervious areas shall be located
 the soil absorption system.
 permanent structure may be constructed over the 100% expansion area.

old, Barbini & Hoehn Inc. will not be responsible for the performance of
 system unless constructed as shown. Any alterations must be approved
 riting by Schofield, Barbini & Hoehn Inc.

Board of Health shall require inspection of all construction by the design
 er and by the agent of the Board of Health.

design engineer and the system installer shall certify in writing
 e approving authority that the system has been constructed in
 liance with the approved plans.

proper performance, the septic tank should be inspected
 ast once a year and when the total depth of scum and solids
 ad 1/3 the liquid depth of the tank, the tank should be pumped.

tribution box cover to be brought to finish grade.

ed stone to consist of 3/4" to 1-1/2" crushed stone free of organics
 other deleterious material compacted to a level surface

Design Data

Estimated Hydraulic Loading:
 Two bedrooms at 110 gallons per day per bedroom = 220 GPD
 Garbage disposal is not allowed with this design.

Septic Tank Size:
 Required tank capacity: $220 \times 200\% = 440$ gallons (minimum)
 Septic tank provided: 1500 gallons

Design percolation rate: 5 MPI
 Soil textural class: II
 Loading rate: 0.60 GPD/SF

Leaching Area:
 Total leaching area provided: 424 SF

Maximum Allowable Loading:
 $424 \text{ SF} \times 1.67 \text{ (chamber general permits)} \times 0.60 \text{ GPD/SF} = 424 \text{ GPD}$
 Actual hydraulic loading: 220 GPD

