



ENGINEERING,  
INC.

ENGINEERS  
SURVEYORS

November 2, 2021

Town of Bourne  
Board of Health  
24 Perry Avenue  
Buzzards Bay, MA 02532

**RE: Ernest & Ann Alden  
7 Alden Avenue, Bourne(Buzzards Bay)  
G.A.F. Job No. 20-9601**

Dear Ms. Guarino:

On behalf of the applicants, Ernest and Ann Alden, we request the following variances pursuant to 310 CMR 15.405, Local Upgrade Approvals and the Bourne Board of Health "Procedures for Granting Local Upgrade Approvals and Septic Variances".

310 CMR 15.211: Distances:

Required: Soil absorption system shall be 20 feet from a cellar wall.

Provided: Soil absorption system is 3.5 feet from the bulkhead and 8.0 feet from the cellar wall.

Required: Soil absorption system shall be 10 feet from a property line.

Provided: Soil absorption system is 5.0 feet from the property line with Lot 143 and 7 feet from the street line.

Required: Septic tank shall be 10 feet from a cellar wall.

Provided: Septic tank is 5 feet from the bulkhead.

Required: Septic tank shall be 10 feet from a property line.

Provided: Septic tank is 6.0 feet from the property line with Lot 143 and 7 feet from the street line.

310 CMR 15.255 (5)Construction in Fill:

Required: The excavation of unsuitable material shall extend a minimum of five feet laterally in all directions beyond the outer perimeter of the soil absorption system.

Provided: The excavation of unsuitable material will extend a minimum of 2 feet beyond a small portion of the soil absorption system. Most of the system will have 4 to 5 feet of remove and replace provided.

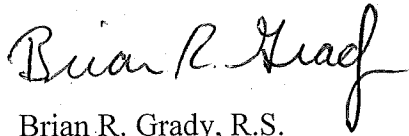
266 MAIN ST.  
WAREHAM, MA 02571

TEL 508.295.6600  
FAX 508.295.6634

The applicant is proposing to upgrade a failed, non-conforming sewage disposal system. This is a small lot developed with a single family dwelling, sheds, driveway and public water service and gas service. The requested variances are not environmental waivers but construction setback standards. Mitigation for the requested waivers has been provided. The system will be vented and provided with a 40 mil polyethylene barrier between the system and the foundation. This is the most feasible upgrade without pumping the system to the southerly side of the lot beyond the water and gas services.

Please contact me directly if you have any questions or require additional information.

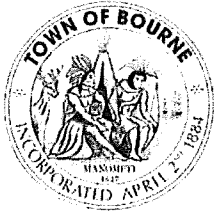
Sincerely,  
**G.A.F. Engineering, Inc.**

A handwritten signature in black ink that reads "Brian R. Grady". The signature is written in a cursive style with a large, prominent "B" and "G".

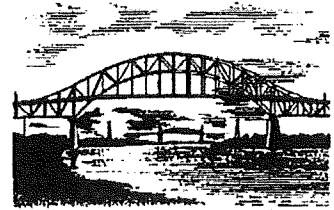
Brian R. Grady, R.S.

Enclosure

cc: Ernest and Ann Alden



## Bourne Board of Health Variance Application for Local Health Regulations



In accordance with the established procedures of the Bourne Board of Health, this application is for variances and waivers from local regulations and relevant to requests for relief which have not been approved administratively and require approval at a public meeting.

### 1. Facility Name and Address:

Owner's Name **ERNEST & ANN ALDEN, TRS.**

Facility's Street Address **7 ALDEN AVENUE**

Owner's Telephone Number **508-221-8515**

Owner's E-mail Address **c/o ERNIEALDEN@YAHOO.COM**

Owner's Mailing Address **7 ALDEN AVENUE, BUZZARDS BAY, MA 02532**

### 2. Applicant or Preparer's Name and Address (if different from above):

Preparer's Name **Brian Grady**

Company **G.A.F. Engineering, INC.**

Telephone Number **508-295-6600**

E-mail Address **BRIAN@GAFENGINC.COM**

Mailing Address **266 MAIN STREET, WAREHAM**

State/ Zip Code **MA, 02571**

3. Enclose a **letter of request for variances** which makes reference to the specific provisions of the Board Bourne of Health Regulations for which a variance is sought. Please use this opportunity to demonstrate compliance with all other regulation requirements, and to justify the relevant facts and circumstances of the individual case. Be sure to explain why full compliance with the applicable regulations is not feasible, and how a level of environmental protection that is at least equivalent to that provided under the Board of Health Regulations can be achieved without strict application of the regulations. A template is available as a reference.

4. In order for this Application to be deemed complete, it must be accompanied by the following:

- Application or Permit Fees paid to the Town of Bourne (if applicable)
- Six sets of plans to scale showing all relevant code requirements
- Letter of request for variances (see samples)
- If requesting a variance regarding the storage of animals, include a written manure management plan, or equivalent, to address the proper disposal of animal waste



- If abutter notification is required, one of each of the following must be submitted:
  - A copy of the certified list of abutters from the Assessor's Department
  - Sample letter for abutter notification postmarked 10 days prior to meeting date
  - Proof of certified mailing (receipts) meeting requirements of 310 CMR 15.405(2)

5. Certification:

"I certify under penalty of law that this document and all attachments, to the best of my knowledge and belief, are true, accurate, and complete. I am aware that there may be significant consequences for submitting false information, including, but not limited to, penalties or fine and/or imprisonment for deliberate violations."

Facility Owner's Signature Ernest F. Alden Date 10/13/21

Print Name ERNEST F. ALDEN

Signature of Preparer Brian Grady, HAF Engineering Date 10/15/21

Print Name Brian Grady

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For Office Use Only

Completed Application Received: \_\_\_\_\_ Reviewed By: \_\_\_\_\_

Hearing Date: \_\_\_\_\_ Permit #: \_\_\_\_\_

Circle all that apply:      Approved                  Continued                  Disapproved                  Other

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

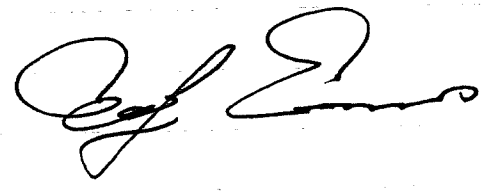
Conditions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

10/19/21

I HAVE RECEIVED

NOTICE OF SEWER DISPOSAL

DESIGN PLAN

A handwritten signature in black ink, appearing to be 'Jeff [unclear]', written in a cursive style.



ENGINEERING,  
INC.



ENGINEERS  
SURVEYORS

To: Andrew & James Emmons  
7 Tucey Avenue  
Buzzards Bay, MA 02532

Re: **Soil Absorption System Upgrade**  
**7 Alden Avenue**  
**Buzzards Bay, MA**

Enclosed please find a copy of the variance request letter and Sewage Disposal System Design Plan submitted to the Bourne Board of Health regarding the proposed sewage disposal system upgrade at the above referenced location. Please contact me directly at G.A.F. Engineering regarding any questions regarding the proposed upgrade to the sewage disposal system.

Sincerely,

Brian R. Grady, R.S.

266 MAIN ST.  
WAREHAM, MA 02571

TEL 508.295.6600  
FAX 508.295.6634



U.S. Postal Service™  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

**OFFICIAL USE**

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

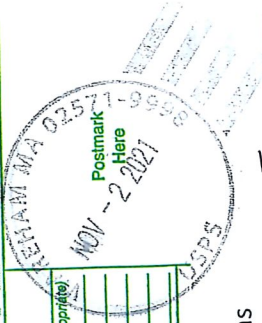
- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage \$

Andrew & James Emmons

7 Tacy Ave

Buzzards Bay, MA 02532



1096

7020 1810 0002 1852 5575

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Extract: 1 Abutters List  
 Database: LIVE  
 Filter: Key IN 3748,3749,3756,3760,3781,3785  
 Sort:

Report #24: Owner Listing Report  
 Fiscal Year 2022

Bourne MA

Key	Parcel ID	Owner	Location	LC/CI	Bk-Pct(Cert)/Dt	Mailing Street	Mailing City	ST	Zip Cd/Cdnty
3748	19.4-133-0	GORI RICHARD E & HALLEY M PALMER	9 ALDEN AVE	N 1010	31105/153 2/27/2018	9 ALDEN AVENUE	BUZZARDS BAY	MA	02532
3749	19.4-134-0	TROVATO DAVID TR MEBAS REALTY TR	6 TUCY AVE	N 1010	13070/229 6/14/2000	45 ST MARGARETS ST	BUZZARDS BAY	MA	02532
3758	19.4-143-0	EMMONS ANDREW J ETUX JANE M EMMONS	7 TUCY AVE	N 1010	27499/177 8/27/2013	7 TUCY AVE	BUZZARDS BAY	MA	02532
3760	19.4-145-0	FINNEGAN RICHARD A	5 ALDEN AVE	N 1010	29061/226 8/7/2015	5 ALDEN AVE	BUZZARDS BAY	MA	02532
3781	19.4-168-0	VICKSTROM ADAM S	11 TUCY AVE	N 1010	27137/149 2/19/2013	11 TUCY AVE	BUZZARDS BAY	MA	02532
3785	19.4-172-0	MASSON HENRI ETUX LINDA MASSON	10 TUCY AVE	N 1010	28730/307 3/11/2015	10 TUCY AVE	BUZZARDS BAY	MA	02532

Total Records 6





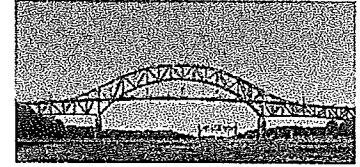
## TOWN OF BOURNE

Board of Assessors

24 Perry Avenue

Buzzards Bay, MA 02532

(508) 759-0600 Ext. 1510 ♦ Fax (508) 759-8026



Michael Leitzel, Chairperson  
Ellen Doyle Sullivan, Clerk  
Donna Barakauskas, Member

Rui Pereira, MAA  
Director of Assessing

October 18, 2021

Brian Grady  
GAF Engineering Inc.  
266 Main St.  
Wareham, MA 02571

Re: Abutters List for Map 19.4 Parcel 144  
Subject Property: 7 Alden Ave.

As required by the Bourne Board of Health, pursuant with section 310 CMR 15.411(1), this is to certify that the attached list of names and addresses constitutes all of the parties in interest as shown on the most recent tax list of the Town of Bourne.

Abutting properties are: Map 19.4 Parcels 133, 134, 143, 145, 168 & 172.

Your payment of \$10.00 has been received by the Bourne Assessor's Office.

**Please be advised that this abutters list is only good for 30 days from the date on this letter. Expired abutters list can be recertified for an additional filing fee.**

See enclosed for abutters mailing addresses.

Board of Assessors

*Ellen Doyle Sullivan*  
*Donna Barakauskas*  
*Michael Leitzel*

**ERNEST E ALDEN**  
**ALDEN & SONS CONCRETE FORMS**  
21 WARREN POINT RD  
WAREHAM, MA 02571

★  
10-14-21  
Date

175  
53-447/113  
428



Pay to the  
Order of

Gaf Engineering

\$ 150.00

One hundred fifty Dollars - 00/100 Dollars



Pay to the Order of

**ROCKLAND TRUST**

For

7 Alder Ave.

*[Signature]*

MP

⑆0⑆⑆304478⑆ 74280⑆2277⑆ 0⑆75

No. \_\_\_\_\_

THE COMMONWEALTH OF MASSACHUSETTS

FEE \_\_\_\_\_

BOARD OF HEALTH

TOWN OF BOURNE

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

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

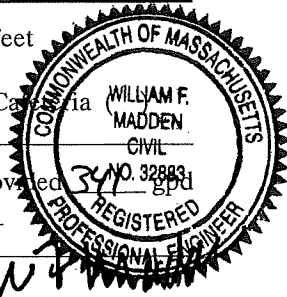
7 Alden Avenue 19.4 144	Ernest + Ann Alden 7 Alden Ave. Buzzards Bay 02532
Location	Owner's Name
Map/Parcel #	Address
Lot #	Telephone #
Installer's Name	G.A.F. Engineering, Inc. 206 Main St. Wareham, MA 02571
Address	Designer's Name
Telephone #	Address
	508-295-6600 Telephone #

Type of Building: Ex. Resid. Lot Size 9,226 Sq. feet  
 Dwelling — No. of Bedrooms 2 Garbage Grinder ( )  
 Other — Type of Building \_\_\_\_\_ No. of persons \_\_\_\_\_ Showers ( ), Caisson \_\_\_\_\_  
 Other fixtures \_\_\_\_\_

Design Flow (min. required) 330 gpd Calculated design flow 330 gpd Design flow provided 341 gpd  
 Plan: Date 10/12/21 Number of sheets 1 Revision Date \_\_\_\_\_

Title Sewage Disposal System Design  
 Description of Soil(s) Sand  
 Soil Evaluator Form No. \_\_\_\_\_ Name of Soil Evaluator Brian Grady Date of Evaluation 3/10/21

DESCRIPTION OF REPAIRS OR ALTERATIONS 1500 Gallon Septic Tank,  
3-500 Gallon Septic Tanks



The undersigned agrees to install the above described Individual Sewage Disposal System in accordance with the provisions of TITLE 5 and further agrees not to place the system in operation until a Certificate of Compliance has been issued by the Board of Health.

Signed \_\_\_\_\_ Date \_\_\_\_\_  
 Inspections \_\_\_\_\_

No. \_\_\_\_\_

THE COMMONWEALTH OF MASSACHUSETTS

FEE \_\_\_\_\_

BOARD OF HEALTH

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 certificate shall not be construed as a guarantee that the system will function as designed.