

February 15, 2022

Bourne Conservation Commission
c/o Stephanie Fitch, Conservation Agent
24 Perry Avenue
Bourne, MA 02532

**RE: Sewage Disposal System Replacement Project
82 Captains Row, Bourne
Applicant / Owner: MOORE**

Dear Ms. Fitch and Conservation Commission Members,

On behalf the applicants and property owners, William and Marilou Moore, Marsh Matters Environmental (MME) submits the enclosed Request for Determination of Applicability (RDA)(WPA Form 1) with proposed project plan set, existing conditions photographs, and other supporting documents proposing the replacement of an on-site sewage disposal systems (SDS) at 82 Captains Row on Mashnee Island in Bourne (the Site).

Proposed Project Description

According to the project plan set (*Proposed Septic System Upgrade Plan, 2.9.2022*) by Engineering Works, Inc. (EWI), an existing cesspool located on the bay side of the single-family, three-bedroom cottage will be pumped, filled (with clean sand), and abandoned. A replacement sewage disposal system will be installed consisting of new septic tank (1,500-gallon MicroFAST 0.5 unit in a H-10 MicroFAST tank) and 500-gallon leaching system (500-gal chamber). No increase in the 330-gpd effluent design flow is proposed. According to the design plans, the system installation work will occur within the limits of an existing lawn area and driveway on the north side of the cottage (see enclosed photographs). No significant adjustments to existing topographic elevations on the property are proposed as part of the project. All disturbed lawn area will be restored and the driveway will remain a pervious surface.

Existing Conditions

The 0.26-acre property directly abuts Buzzards Bay, and a boulder revetment sits between the cottage and the water. The top of the revetment is the top of the Coastal Bank (310 CMR 10.30) and the entire project is within the Coastal Bank buffer zone. Most of the property is within the coastal floodzone (a Zone VE – El.22)(Land Subject to Coastal Storm Flowage – 310 CMR 10.04). The Site is just outside the limits of the Back River Area of Critical Environmental Concern (ACEC).

Regulatory Compliance

MME believes that all aspects of the proposed septic system upgrade project, as designed, will serve the eight interests of *Massachusetts Wetlands Protection Act* (MWPA)(M.G.L. c.131 §40) and the *Town of Bourne Wetland Protection Bylaw* (Chapter 3.7), as all applicable state and local

wetland resource area performance standards and regulatory requirements described in both 310 CMR 10.00 and the Bourne Wetland Regulations (BWR 1.00) are fully met.

MME files this RDA pursuant to the MWPA and the local bylaw and in accordance with the implementing MWPA Regulations, BWR 1.00, and the town's *Filing Requirements and Checklist* (Policy Guideline 98-1). MME attests that it will notify all property abutters on the enclosed Assessor's Office-provided list of this application and of the March 3, 2022, public hearing in accordance with local requirements. MME has enclosed the \$75 filing fee and the legal advertisement will be paid to the Town of Bourne upon notice of its cost.

Please do not hesitate to contact MME by phone at 978.434.1228 (mobile/office), or by email at Mike.Ball@MarshMattersEnvironmental.com, should you require any additional information from MME or the applicant, or should you like to meet MME and/or the project engineer at the Site in advance of the public hearing.

Sincerely,



D. Michael Ball, Sr. Wetland Scientist / Regulatory Compliance Consultant
Marsh Matters Environmental

enclosures

CC: MassDEP SERO
William and Marilou Moore
Pete McEntee – Engineering Works, Inc.



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

BOURNE

City/Town

WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

WILLIAM & MARILOU MOORE

Name

wmoorefd@aol.com

E-Mail Address

82 CAPTAINS ROW

Mailing Address

BOURNE

City/Town

MA

State

02532

Zip Code

781.718.9514

Phone Number

Fax Number (if applicable)

2. Representative (if any):

MARSH MATTERS ENVIRONMENTAL

Firm

MICHAEL

Contact Name

BALL

E-Mail Address

P.O. BOX 554

Mailing Address

FORESTDALE

City/Town

MA

State

02644

Zip Code

978-434-1228

Phone Number

Fax Number (if applicable)

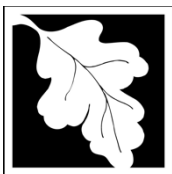
B. Determinations

1. I request the BOURNE Conservation Commission make the following determination(s). Check any that apply:

- a. whether the area depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
b. whether the boundaries of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
c. whether the work depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any municipal wetlands ordinance or bylaw of:

Name of Municipality

- e. whether the following scope of alternatives is adequate for work in the Riverfront Area as depicted on referenced plan(s).



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

82 CAPTAINS ROW

Street Address

BOURNE

City/Town

33.2

Assessors Map/Plat Number

6

Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

PROJECT AREA IS ON ROADWAY SIDE OF EXISTING SFH WITHIN THE 100-FT BUFFER ZONE TO A COASTAL BANK, WHICH IS A MAN-MADE BOULDER REVETMENT. WORK IS JUST OUTSIDE OF THE VELOCITY ZONE (VE EL. 22) (REFER TO SITE LOCUS FIGURE SET)

c. Plan and/or Map Reference(s):

PROPOSED SEPTIC SYSTEM UPGRADE PLAN

Title

2.9.2022

Date

Title

Date

Title

Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

PROPOSED INSTALLATION OF SOIL ABSORPTION SYSTEM (500 GAL CHAMBER), MICROFAST UNIT (TANK, BLOWER, VENT), WITH LINER AND ALL CONNECTIONS AND UTILITIES. EXISTING CESSPOOL TO BE ABANDONED.



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

WILLIAM & MARILOU MOORE

Name

82 CAPTAINS ROW

Mailing Address

BOURNE

City/Town

MA

State

02532

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

William Moore
Signature of Applicant

2/14/22
Date

Dumbell (MME)
Signature of Representative (if any)

2/15/2022
Date

Attachment 1

**Site Locus Figures
Existing Conditions Photographs**

PHOTOGRAPH LOG

Project / Client: MOORE		Location: 82 CAPTAINS ROW, MASHNEE ISLAND	Project No.
Photo No. 1	Date: UNKNOWN		
Photo Aspect: SOUTHWEST			
Description: PROJECT AREA. THE NEW SOIL ABSORPTION SYSTEM WILL BE LOCATED IN THE LAWN AREA ON THE ROAD SIDE OF THE COTTAGE. THE EXISTING CESSPOOL (TO BE ABANDONED) IS LOCATED ON THE BAY SIDE OF THE COTTAGE.			

Photo No. 2	Date: UNKNOWN		
Photo Aspect: SOUTH			
Description: PROJECT AREA. THE NEW SYSTEM COMPONENTS TO BE INSTALLED WITHIN THE EXISTING DRIVEWAY FOOTPRINT.			

FIGURE 1 – USGS TOPOGRAPHIC QUADRANGLE SITE LOCUS MAP

82 CAPTAINS ROW, MASHNEE ISLAND (BOURNE), MASSACHUSETTS

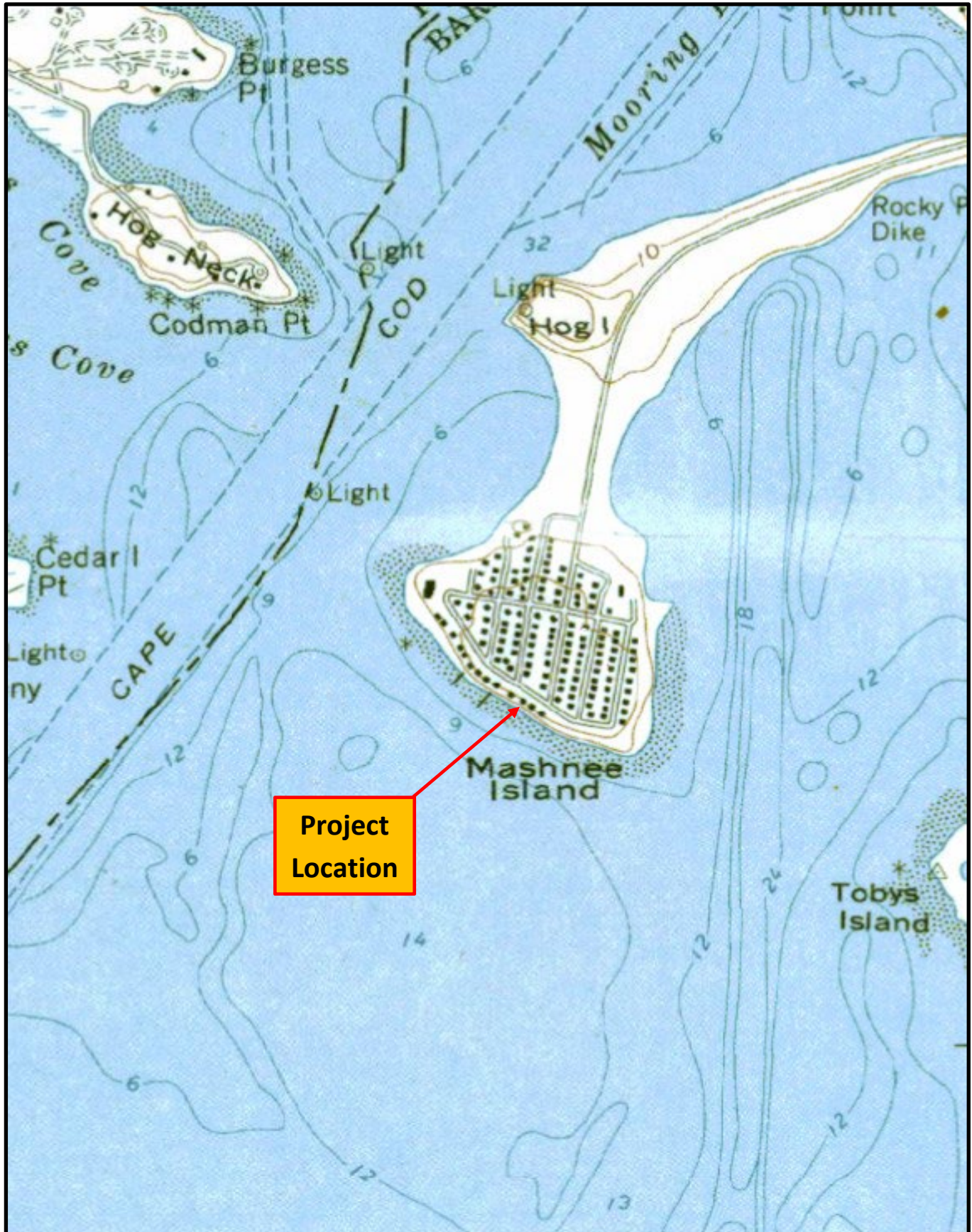


FIGURE 2 – AERIAL PHOTO

82 CAPTAINS ROW, MASHNEE ISLAND (BOURNE), MASSACHUSETTS



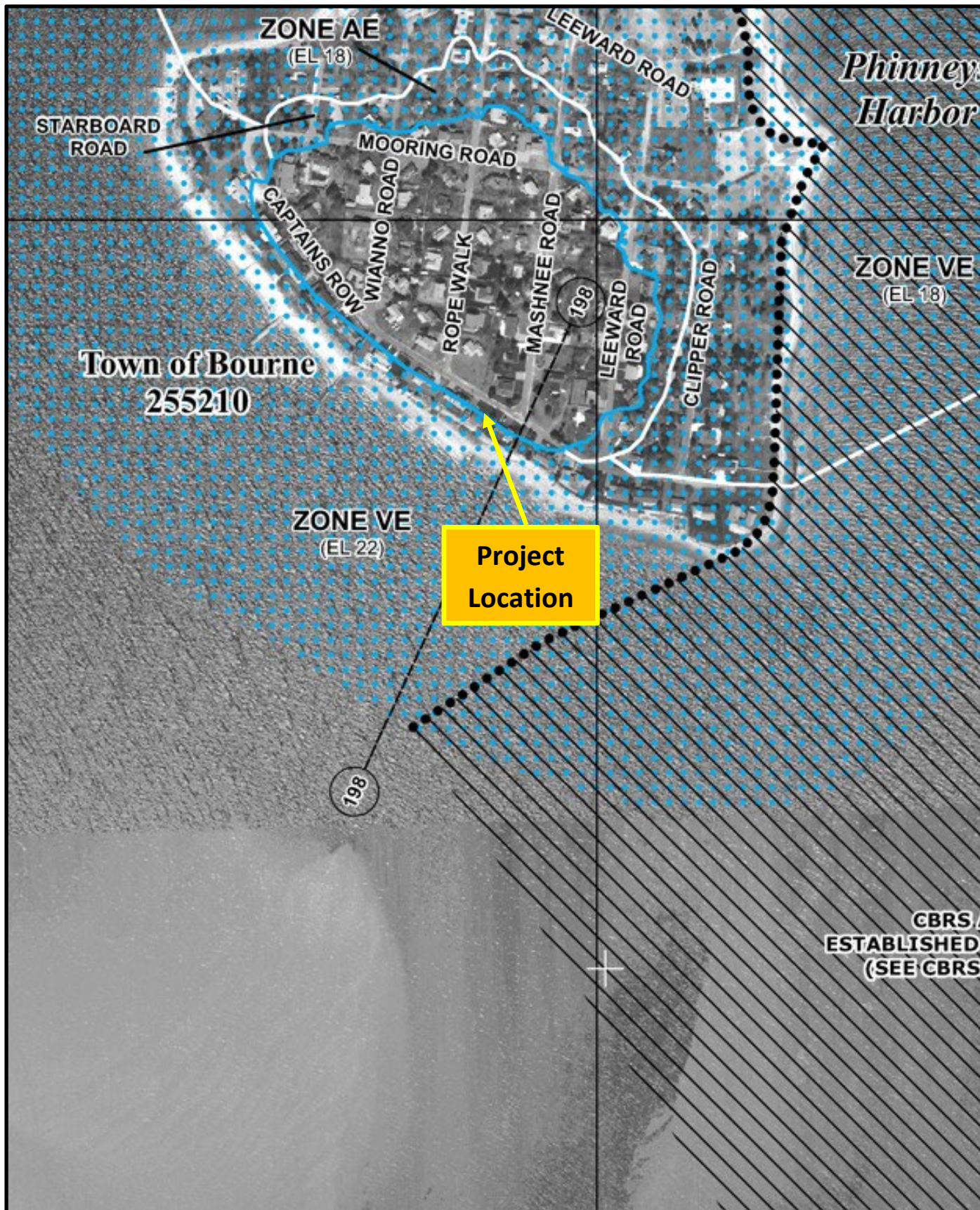
FIGURE 3 – MassGIS Site Locus

82 CAPTAINS ROW, MASHNEE ISLAND, BOURNE, MASSACHUSETTS



FIGURE 4 – FEMA Flood Insurance Rate Map

82 CAPTAINS ROW, MASHNEE ISLAND (BOURNE), MASSACHUSETTS



Attachment 2

Project Site Plan Set (by Engineering Works, Inc.)

PROPOSED S.A.S.
1-500 GAL. CHAMBER
WITH 4' STONE

PROPOSED LEACHING SYSTEM
500 GAL CHAMBER W/4' STONE

BENCHMARK-1
MAG. NAIL SET
EL.= 21.26

INSTALL 40 MIL POLY LINER
TOP OF LINER, EL.=19.0
BOTT. OF LINER, EL.=16.5

WORK LIMIT
& SILTATION
BARRIER

EXISTING CESSPOOL
TO BE PUMPED, FILLED WITH
SAND AND ABANDONED

LEGEND

- 20 --- EXISTING CONTOUR
- x 20.12 EXISTING SPOT GRADE
- ==W== PROPOSED WATER SERVICE (SLEEVED)
- G PROPOSED GAS SERVICE
- O.H.W. OVERHEAD WIRES
- ⊕ TEST PIT
- ⊕ BENCHMARK



LOCUS MAP

PARCEL ID: 33.2-6-0

OWNER OF RECORD
MOORE, WILLIAM & MARILOU
82 CAPTAINS ROW
BOURNE, MA 02532

PROPOSED SEPTIC SYSTEM UPGRADE PLAN

DRAWN P.T.M. 285-21
CHECKED SHEET NO. 1 of 3

SCALE 1"=20'
DATE 2/9/22

Engineering Works, Inc.
12 West Crossfield Road, Forestdale, MA 02644
(508) 477-5313

Prepared for: William Moore, 82 Captains Row, Bourne, MA 02532

CAPTAINS ROW

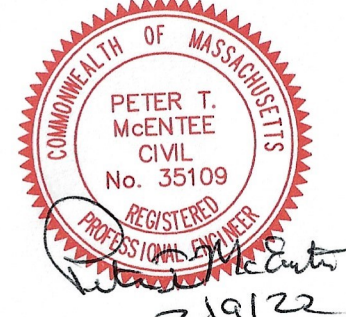
STONE RETEMENT

COASTAL BEACH

BUZZARDS BAY

EXISTING HOUSE (#82)
T.O.F.=23.2±
FF. EL.=24.0±

LOT 82
11,280±S.F.



WETLAND CONSULTANT
MARSH MATTERS ENVIRONMENTAL
P.O. BOX 554
FORESDALE, MA 02644
978-434-1228

FLOOD ZONE DESIGNATION
FEMA FLOOD HAZARD MAP NO.: 25001C0484J
ZONES X & VE (EL 22)
EFFECTIVE DATE 7/16/2014

VARIANCE REQUESTS

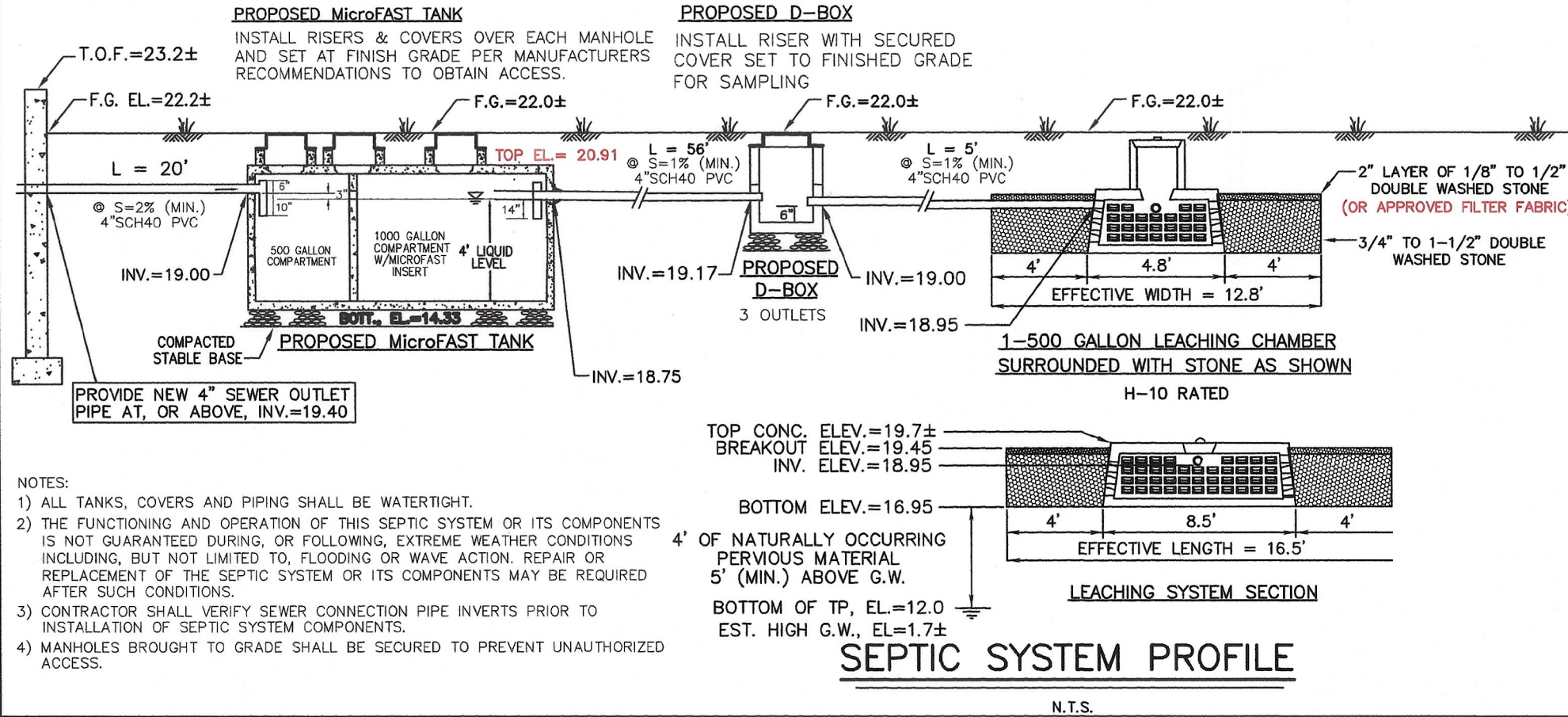
- 310 CMR 15.405(a)(b)&(f)-CONTENTS OF LOCAL UPGRADE APPROVAL
- 1) A 5' variance, S.A.S. to front property line, for a 5' setback.
 - 2) A 13' variance, septic tank to cellar wall, for a 7' setback.
 - 3) A 4' variance, S.A.S. to coastal bank, for a 46' setback.
 - 4) A 46% area reduction to the S.A.S area for 330 GPD as granted under the approval for Remedial Usage of a MicroFAST 0.5 BIO-KINETIC WASTEWATER TREATMENT SYSTEM in conjunction with a Geoflow Drip Dispersal System.
- LOCAL REGULATION - 150' SETBACK TO WETLANDS
- 5) A 104' variance, S.A.S. to coastal bank, for a 46' setback.

PROPOSED MicroFAST 0.5 UNIT
IN H-10 MicroFAST TANK

RECESSED BLOWER UNIT & VENT
(LOCATION MAY VARY)
CONTROL PANEL LOCATION TO
BE DETERMINED BY OWNER

WORK LIMIT
& SILTATION
BARRIER

BK 90-PG 5



SOIL LOG
 DATE: JANUARY 19, 2022
 SOIL EVALUATOR: PETER McENTEE PE, (SE#1542)
 WITNESS: KAITLYN SHEA (HEALTH AGENT)

Elev.	TP-1	Depth
22.0		0"
	FILL	
21.5	A	6"
	LOAMY SAND 10YR 4/2	
20.6	B	17" PERC 4"/22"
	LOAMY SAND 10YR 5/8	
19.3	C1	32"
	MED. SAND 2.5Y 6/4	
14.2	C2	94"
	MED. SAND 10YR 4/2	
13.8	C3	98"
	MED. SAND 10YR 5/8	
12.0		120"

PERC RATE: <2 MIN./INCH "B" HORIZON
 NO GROUNDWATER ENCOUNTERED

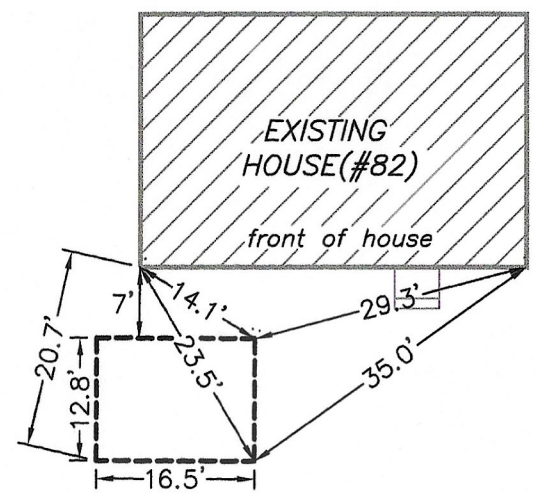
- NOTES:
- 1) ALL TANKS, COVERS AND PIPING SHALL BE WATERTIGHT.
 - 2) THE FUNCTIONING AND OPERATION OF THIS SEPTIC SYSTEM OR ITS COMPONENTS IS NOT GUARANTEED DURING, OR FOLLOWING, EXTREME WEATHER CONDITIONS INCLUDING, BUT NOT LIMITED TO, FLOODING OR WAVE ACTION. REPAIR OR REPLACEMENT OF THE SEPTIC SYSTEM OR ITS COMPONENTS MAY BE REQUIRED AFTER SUCH CONDITIONS.
 - 3) CONTRACTOR SHALL VERIFY SEWER CONNECTION PIPE INVERTS PRIOR TO INSTALLATION OF SEPTIC SYSTEM COMPONENTS.
 - 4) MANHOLES BROUGHT TO GRADE SHALL BE SECURED TO PREVENT UNAUTHORIZED ACCESS.

DESIGN CRITERIA

NUMBER OF BEDROOMS: 3
 SOIL TYPE: CLASS I
 DESIGN PERCOLATION RATE: <2 MIN./IN.
 DAILY FLOW: 330 GPD
 DESIGN FLOW: 330 GPD
 GARBAGE GRINDER: NO
 LEACHING AREA REQUIRED: $\frac{330 \text{ GPD}}{0.74 \text{ GPD/SF}} = 445.9 \text{ SF}$ (243 SF PROVIDED)
 THIS REPRESENTS A 46% AREA REDUCTION
 A 50% IS ALLOWED

USE 1-500 GALLON LEACHING CHAMBERS IN SERIES SURROUNDED BY DOUBLE WASHED STONE ON ALL SIDES

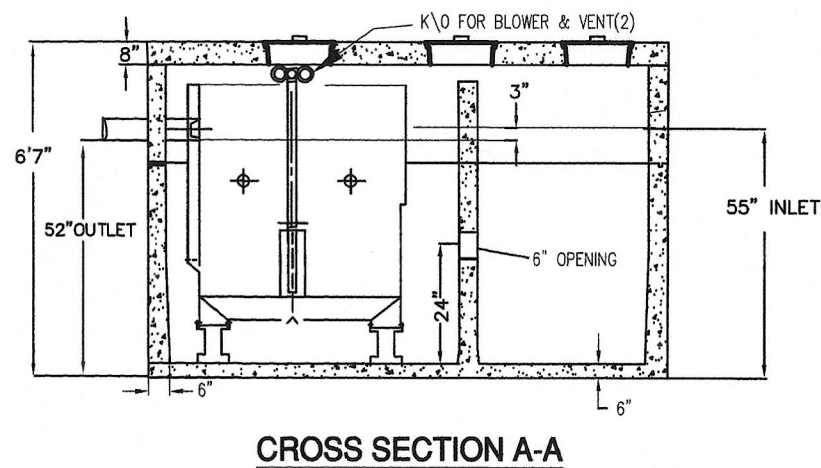
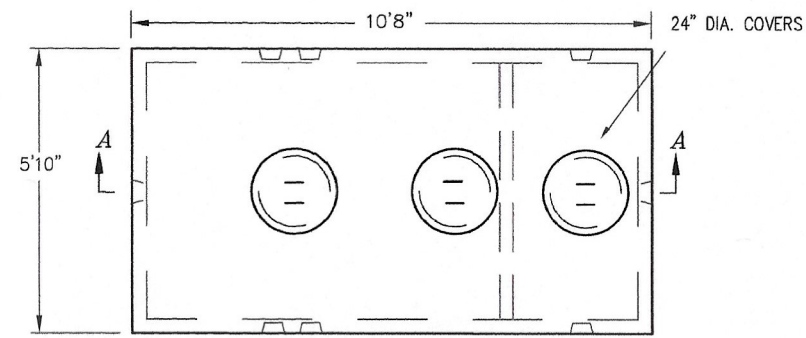
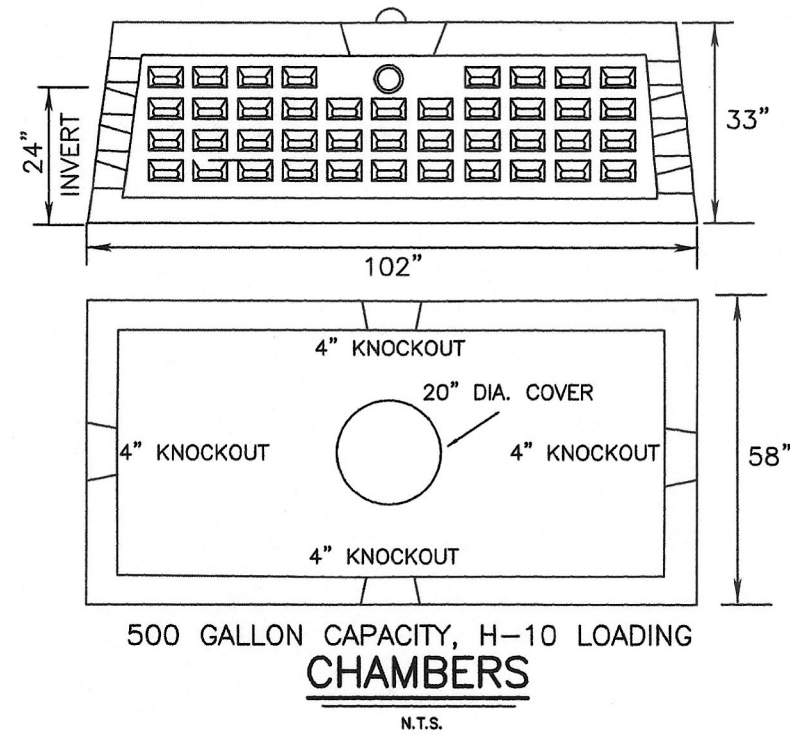
SIDEWALL AREA: $2(12.8' + 16.5') \times 2 = 117.2 \text{ SF}$
 BOTTOM AREA: $12.8' \times 26.5' = 212.2 \text{ SF}$
 TOTAL AREA: 328.4 SF
 DESIGN FLOW PROVIDED: $0.74 \text{ GPD/SF}(328.4 \text{ SF}) = 243.0 \text{ GPD}$



GENERAL NOTES:

1. ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE LOCAL BOARD OF HEALTH AND THE DESIGN ENGINEER.
2. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE ENVIRONMENTAL CODE, TITLE V, AND ANY APPLICABLE LOCAL RULES AND REGULATIONS EXCEPT AS REQUESTED ON SHEET 1.
3. THE SEWAGE DISPOSAL SYSTEM SHALL NOT BE BACKFILLED PRIOR TO INSPECTION AND APPROVAL BY THE BOARD OF HEALTH AND THE DESIGN ENGINEER.
4. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION CONTINUES.
5. ALL ELEVATIONS BASED ON AN NAVD88.
6. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR THE FAILURE OF THE CONTRACTOR OR OWNER TO NOTIFY THE LOCAL BOARD OF HEALTH FOR PROPER INSPECTIONS DURING CONSTRUCTION.
7. WATER SUPPLY PROVIDED BY TOWN WATER SERVICE.
8. THERE ARE NO PRIVATE WELLS WITHIN 150' OF THE PROPOSED S.A.S.
9. ALL AREAS CLEARED FOR CONSTRUCTION SHALL BE RESTORED AS AGREED UPON BY OWNER AND CONTRACTOR OR AS OTHERWISE DIRECTED BY THE APPROVING AUTHORITIES.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, PRIOR TO BEGINNING CONSTRUCTION.
11. WHERE REQUIRED, CONTRACTOR SHALL REMOVE ALL UNSUITABLE SOILS IN THE AREA BENEATH THE S.A.S. AND REPLACE WITH CLEAN SAND AS SPECIFIED IN 310 CMR 255(3).
12. AREAS REQUIRING STRIPOUT OF UNSUITABLE MATERIALS SHALL BE INSPECTED BY DESIGN ENGINEER PRIOR TO BACKFILL.

PROPOSED SEPTIC SYSTEM UPGRADE PLAN
82 CAPTAINS ROW, BOURNE, MA
 Prepared for: William Moore, 82 Captain's Row, Bourne, MA 02532
 JOB. NO. 285-21
 DRAWN P.T.M. CHECKED P.T.M.
 SCALE N.T.S. DATE 2/9/22
 SHEET NO. 2 of 3
 Engineering by: **Engineering Works, Inc.**
 12 West Crossfield Road, Forestdale, MA 02644
 (508) 477-5313

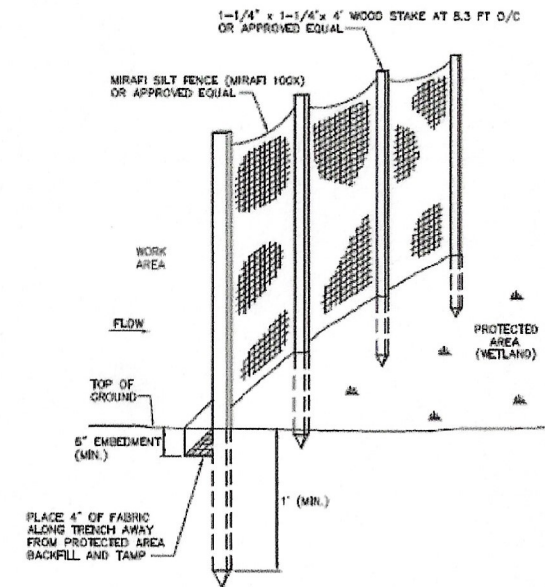


WEIGHT 19,504 LBS

SPECIFICATIONS

- 1.) CONCRETE STRENGTH F'C 5,000 PSI @ 28 DAYS. DENSITY 150 PCF.
- 2.) CEMENT, PORTLAND TYPE I OR III. ASTM C150-81.
- 3.) ADMIXTURES, AIR & PLASTICIZERS @ ASTM C233-82.
- 4.) REINFORCING ASTM A615 FOR WIRE FABRIC, GRADE 60 BAR.
- 5.) DESIGN LOADING AASHTO HS20-44.
- 6.) CONSTRUCTION JOINTS SEALED WITH BUTYL RUBBER.

MicroFAST H-20 TANK



BUOYANCY CALCULATIONS

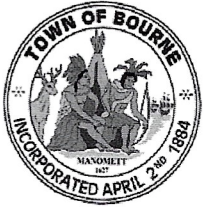
(NOT REQUIRED)

TANKS ARE SET ABOVE WATER TABLE.

Engineering by: Engineering Works, Inc. 12 West Crossfield Road, Forestdale, MA 02644 (508) 477-5313	SCALE	N.T.S.	DRAWN	P.T.M.	JOB NO.	285-21
	DATE	2/9/22	CHECKED	P.T.M.	SHEET NO.	3 of 3
PROPOSED SEPTIC SYSTEM UPGRADE PLAN 82 CAPTAINS ROW, BOURNE, MA Prepared for: William Moore, 82 Captain's Row, Bourne, MA 02532						

Attachment 3

Property Abutters-related Documents
Administrative Forms
Filing Fee Forms



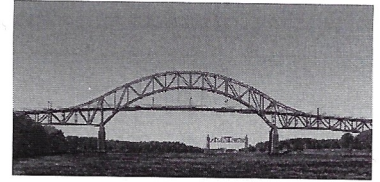
TOWN OF BOURNE

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

January 25, 2022

Peter McEntee
Engineering Works, Inc.
12 W. Crossfield Rd.
Forestdale, MA 02644

Reference: Abutters List for Map 33.2 Parcel 6
Subject Property: 82 Captains Row

Pursuant to the provisions of Massachusetts General Laws Chapter 141, Section 40, as amended, and the Town of Bourne Wetlands Protection Bylaw Article 3.7, enclosed is a list of names and addresses which constitutes abutters within 100 feet of the subject property on the most recent tax list of the Town of Bourne. The purpose of the abutters list is for a Notice of Intent application for the Conservation Commission.

Abutting properties are: Map 33.2 Parcels 4, 5, 7, 8, 9 & 10.

The Assessor's Office has received your payment of \$10.00.

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 Data Base Inquiry Forms for abutters mailing addresses.

Board of Assessors

*Ellen Doyle Sullivan -
Donna Barakauskas
Michael Leitzel*

Report #24: Owner Listing Report
Fiscal Year 2023

Bourne MA

1 Abutters List
LIVE
Key IN 7046,7049,7048,7050,7051,7045

Extract:
Database:
Filter:
Sort:

Key	Parcel ID	Owner	Location	Lct/Cl	Bk-Pct(Cert)/Dt	Mailing Street	Mailing City	ST	Zip Ctl/County
7045	332-4-0	GASSAN PETER D & MICHELLE L GASSAN	80 CAPTAINS ROW	N	33763/45 2/5/2021	5551 FIFTEENTH ST NORTH	ARLINGTON	VA	22205
7046	332-5-0	TURCO PATRICIA F TR OF TURCO FAMILY 1999 REVOC TR	81 CAPTAINS ROW	N	21717/246 1/22/2007	21 DIAMOND ST	WALPOLE	MA	02081-0389
7048	332-7-0	YOHAI WALTER M & MARK M TRS JEANETTE C YOHAI LIV MAR TR AG	83 CAPTAINS ROW	N	07530/00083 5/14/1991	83 CAPTAINS ROW RFD 1	BOURNE	MA	02532
7049	332-8-0	TUCKER WILLIAM D ET ALS TRS TUCKER REALTY TRUST	114 CAPTAINS ROW	N	19397/151 12/3/2004	21 SEABREEZE DR	BOURNE	MA	02532
7050	332-9-0	MONE MICHAEL E JR ETUX AIMEE E MONE	115 CAPTAINS ROW	N	25862/272 11/23/2011	25 BELLEVUE AVENUE	MELROSE	MA	02176-3512
7051	332-10-0	GOGAN-TILSTONE VIRGINIA TRS VIRGINIA GOGAN-TILSTONE TRUST	146 MASHNEE RD	N	34717/286 12/3/2021	83 WHITE CLOVER TRAIL	PLYMOUTH	MA	02360

Total Records 6

FEBRUARY 16, 2022

**SUBJECT: Massachusetts Wetlands Protection Act / Town of Bourne Wetlands Bylaw
Property Abutter Notification for RDA Filing and Public Hearing
Site: 82 CAPTAINS ROW, Bourne
Applicant: William and Marilou Moore
Owner: Same
Project: Septic System Replacement**

Dear abutter to subject property,

Marsh Matters Environmental (MME) has submitted a Request for Determination of Applicability (RDA)(WPA Form 1) to the Bourne Conservation Commission and MassDEP Southeast Region Office on behalf of the permit applicants, William and Marilou Moore, who own the property at 82 Captains Row on Mashnee Island in Bourne. The application seeks written authorization approving replacement of an in-ground sewage disposal system. Proposed work will occur within the coastal floodzone (Land Subject to Coastal Storm Flowage, 310 CMR 10.04) and within the one-hundred feet-wide jurisdictional buffer zone to Coastal Bank (310 CMR 10.32).

The RDA and a project site plan set is available for review at the Bourne Department of Natural Resources Office located at 24 Perry Avenue in Bourne.

The *Massachusetts Wetlands Protection Act* (M.G.L., Chapter 131, § 40) and the *Bourne Wetlands By-law* (Town of Bourne Bylaws, Article 3.7) together protect the jurisdictional coastal wetland resource areas in and near where project activities will occur. Under these laws, all property abutters within 100-feet of the applicant's property must be notified of the application submission and the date of public hearing at which the project will be discussed.

The Bourne Conservation Commission will hold a public hearing on this project on March 3, 2022, at 7:00 PM. The meeting will be held either remotely, or in-person. The meeting agenda may be obtained from the Bourne Conservation Commission Office within one-week of the meeting date. Notice of this meeting will be posted on-line and will be published in a local newspaper on February 25, 2022, or at least five days before the meeting date.

Please do not hesitate to contact me at MME by phone at 978.434.1228 (mobile/office), or by email at Mike.Ball@MarshMattersEnvironmental.com, should you require additional project information.

Very sincerely yours,



D. Michael Ball
Sr. Wetland Scientist / Regulatory Compliance Consultant
Marsh Matters Environmental

CC: Bourne Conservation Commission
MassDEP Southeast Region Office
Engineering Works, Inc.
William and Marilou Moore

Commission Member Waiver Request

Bourne Conservation Commission
Town of Bourne
24 Perry Ave.
Buzzards Bay, MA 02532

Dear Commissioners:

The applicants and/or owners of the below referenced property hereby waive the right to require the same Commission members to be present at any and all continued hearings on this matter.

This is necessary for the Commission to allow a continuance to be granted to the project and is in conformance with the opinion of Town Counsel. Should a continuance be necessary the only alternatives are for the applicant to request a continuance to a future meeting when the same Commission members are present or to withdraw and re-file at a future time.

William Moore

2/24/22

Applicant's or owner's signature

Date

Applicant's name: WILLIAM & MARILOU MOORE (print)

Address: 82 CAPTAINS ROW

Telephone: 781-718-9514

Project Location: 82 CAPTAINS ROW

Town Map 33.2 Parcel 6 Lot

Project description: ON-SITE SEWAGE DISPOSAL SYSTEM REPLACEMENT



Town of Bourne CONSERVATION COMMISSION

24 Perry Avenue
Buzzards Bay, Massachusetts 02532

RDA FILING INFORMATION WORKSHEET

In order to expedite the processing of your Request for Determination of Applicability, please complete this information sheet and submit it with your application.

1. Applicant Name: WILLIAM & MARILOU MOORE
2. Applicant Address: 82 CAPTAINS ROW
3. Property Owner Name: SAME AS APPLICANT
4. Property Owner Address: SAME AS APPLICANT
5. Representative Name: D. MICHAEL BALL / MARSH MATTERS ENVIRONMENTAL
6. Representative Address: MME - P.O. BOX 554, FORESDALE, MA 02644
7. Project Address: 82 CAPTAINS ROW
8. Project Map and Parcel Number: Map 33.2 Parcel 6
9. Project Description: ON-SITE SEWAGE DISPOSAL SYSTEM REPLACEMENT

10. Is this project in an AE flood zone? Yes No
11. Is this project in a V flood zone? Yes No
12. Is this project within 100 feet of a wetland resource area? Yes No
13. Is this project within 200 feet of a riverfront? Yes No
14. Plan Title and Date: PROPOSED SEPTIC SYSTEM UPGRADE PLAN (2.9.2022)

(Prepared by Engineering Works, Inc.)

Town of Bourne
CONSERVATION COMMISSION

24 Perry Avenue
Buzzards Bay, Massachusetts 02532

Site Inspection Authorization

This form must be signed and dated by the property owner:

As the owner of the property which is the subject of this permit application, I grant to members and agents of the Bourne Conservation Commission the right to enter, inspect and sample the premises for the following:

1. To evaluate site conditions and verify information contained in the application prior to and during the hearing process.
2. To monitor the site during construction.
3. To verify compliance with the permit after the project's completion.

OWNERS: WILLIAM & MARILOU MOORE

William Moore

Signature

2/14/22

Date

82 CAPTAINS ROW (PARCEL ID 33.2-6-0)

Address of Proposed Work (*include map and parcel*)

Town of Bourne
CONSERVATION COMMISSION

24 Perry Avenue
Buzzards Bay, Massachusetts 02532

Waiver Agreement

Bourne Conservation Commission
Town Hall
24 Perry Avenue
Buzzards Bay, MA 02532

Commissioners:

I hereby waive the time requirement set forth in Chapter 131 s. 40 (Wetlands Protection Act), its regulations at 310 CMR 10.00, and the Town of Bourne Wetlands Protection Bylaw Article 3.7. I understand the Commission will make every effort to hold a public meeting within the mandated 21 day time frame and render a decision within the subsequent time frame.

In agreeing with this waiver the public meeting will take place within 35 days of receiving the Request for Determination of Applicability.

William Moore
Applicant's or Representative's
Signature

2/4/22
Date

Applicant's Name: (*print*) WILLIAM & MARILOU MOORE
Address: 82 CAPTAINS ROW
Telephone: 781.718.9514
Project Location: 82 CAPTAINS ROW