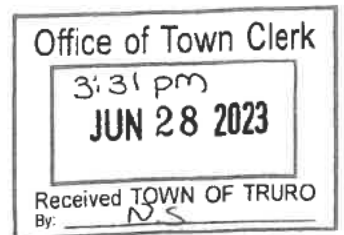




TOWN OF TRURO
Conservation Commission

PUBLIC MEETING AGENDA
Monday, July 3, 2023
Meeting start time 5:00



Remote Meeting Access Instructions

This will be a remote meeting. Citizens can view the meeting on Channel 18 in Truro and on the Town's web site on the "Truro TV Channel 18" button under "Helpful Links" on the homepage. Once the meeting has started, click on the green "Watch" button in the upper right of the page. **To provide comment during the meeting, please call-in toll free at 1 877 309 2073 and enter the following access code when prompted: 464-567-165#** To join this meeting from your computer, tablet or smartphone: <https://global.gotomeeting.com/join/464567165> Please note that there may be a slight delay (15-30 seconds) between the meeting and the live-stream (and television broadcast). If you are watching the meeting and calling in, please lower the volume on your computer or television during public comment so that you may be heard clearly. We ask that you identify yourself when calling in; citizens may also provide public comment for this meeting by emailing the Conservation Agent at ebeebe@truro-ma.gov with your comments.

I. Discussion on proposed stormwater general bylaw.

II. **PUBLIC HEARINGS:** The Truro Conservation Commission holds the following public hearings in accordance with the provisions of MGL Ch. 131, s. 40, the Wetlands Protection Act and the Truro Conservation Bylaw, Chapter 8:

1. **Notice of Intent: 0 Pamet Harbor, Town of Truro (SE#75-):** erosion control; Barrier Beach, Coastal Dunes, Coastal Beaches, Land Subject to Coastal Storm Flowage (Map 49, Parcel 16)
2. **Request for Determination of Applicability: 218, 242 & 248 Shore Road, Jason Silva:** beach raking; Coastal Beach, Land Subject to Coastal Storm Flowage (Map 17, Parcel 16, 17, 18) *continued from 6/5/2023*
3. **Request for Determination of Applicability: 4 Old Pamet Road, Keith Thurlow:** Septic upgrade; Coastal Bank, Riverfront Area (Map 50, Parcel 234) *continued from 6/5/2023*
4. **Request for Determination of Applicability: 8 Falcon Lane, Charles & Donna Ward:** proposed installation of 4-foot wooden fence; Bordering Vegetated Wetland (Map 39, Parcel 245) *continued from 6/5/2023*
5. **Notice of Intent: 544 Shore Road, Beach Townhomes Condominium Trust (SE#75-1171):** install bulkhead; Barrier Beach, Coastal Beach, Coastal Dune, Land Subject to Coastal Storm Flowage (Map 7, Parcel 5) *continued from 6/5/2023*
6. **Request for Determination of Applicability: 544 Shore Road, Baybeach Townhomes Condominium Trust/Association:** snow fencing, sand nourishment and beachgrass plantings; Coastal Beach, Coastal Dune, LSCF, Barrier Beach (Map 7, Parcel 5) *continued from 6/5/2023*
7. **Request For Determination of Applicability: 462 Shore Rd, Cousins Family Revocable Trust, Carol Knox, Trustee:** cesspool upgrade; Barrier Beach, Coastal Dune, Land Subject to Coastal Storm Flowage (Map 8, Parcel 31)
8. **Notice of Intent: 21 South Pamet Road, Dawn & Sebastian Snow (SE#75-1181):** installation of saltwater pool; Coastal Bank (Map 51, Parcel 36)
9. **Request For Determination of Applicability: 16 Great Pond Road, Courtney Oliver & Daryl Cutter:**

3' X 14' addition: Buffer Zone to Great Pond (Map 55, Parcel 24)

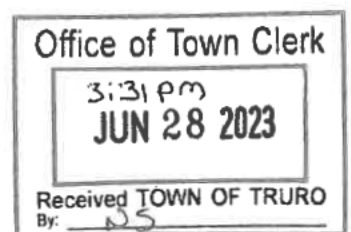
10. **Request For Determination of Applicability: 16 Great Pond Road, Courtney Oliver & Daryl Cutter:**
Abandon cesspool: Buffer Zone to Great Pond (Map 55, Parcel 24)
11. **Notice of Intent: 392 Shore Road, Richard S. Goldberg (SE#75-1179):** Title 5 Upgrade: Barrier Beach, Coastal Beaches (Map 26, Parcel 10)
12. **Request For Determination of Applicability: 582 Shore Rd, Susan Connolly:** 1:1 replacement of 2 decks: Barrier Beach, Coastal Dune, Land Subject to Coastal Storm Flowage (Map 5, Parcel 23)
13. **Notice of Intent: 525 Shore Rd Unit 7, Paul & Cheryl Silvernail (SE#75-1180):** After-the-fact filling; construction of retaining wall & creation of lawn: Barrier Beach, Coastal Dune, Land Subject to Coastal Storm Flowage (Map 6, Parcel 5.7)

III. ADMINISTRATIVE MATTERS

14. **Certificates of Compliance:** (1) 33 Cooper Rd, #75-1017; (2) 389 Shore Rd, #75-1029; (3) 258 Shore Rd, SE#75-1030; (4) 405 Shore Rd, SE#75-1062; (5) 19 Bay View Rd, SE#75-1031
15. **Administrative Reviews:** (1) 263 Shore Rd Unit 2, fencing
16. **Minutes:**

Site visits: Commissioners will meet at Town Hall on Monday, July 3, 2023, at 10:00 AM and proceed to:

- | | | |
|----------------------|-----------------------|------------------|
| 1.) 4 Old Pamet Rd | 4.) 21 South Pamet Rd | 7.) 462 Shore Rd |
| 2.) 0 Pamet Harbor | 5.) 8 Falcon Ln | 8.) 525 Shore Rd |
| 3.) 16 Great Pond Rd | 6.) 392 Shore Rd | 9.) 582 Shore Rd |





TOWN OF TRURO

PROPOSED GENERAL BYLAW:
STORMWATER MANAGEMENT by DRAINAGE, EROSION
AND SEDIMENT CONTROL

[HISTORY: Proposed as Draft to TBoH 1-17-2023]

[*draft version:* July 1, 2023]

§ 1. Purpose

The purpose of this bylaw is to protect, maintain and enhance the public health, safety, environment and general welfare by establishing minimum requirements to control the adverse effects of stormwater runoff and erosion. Through proper management of stormwater, sediment and erosion controls this bylaw safeguards the public health, safety, environment and general welfare of the public. This bylaw serves to protect surface water and groundwater resources, promote groundwater recharge and prevent flooding.

§ 2. Applicability

The requirements of this bylaw shall apply to existing development, new development, and redevelopment projects to minimize adverse impacts of erosion and stormwater runoff, off-site and downstream, which would be borne by abutters, townspeople, the general public and wetland resource areas. The Select Board may delegate from time-to-time certain duties described in this bylaw to designees who will act on its behalf for the purposes of enforcement.

§ 3. Definitions

New Development: development resulting from the conversion of previously undeveloped land or agricultural land uses.

Nutrient Pollution Sensitive: Nutrient pollution is the process where too many nutrients, mainly nitrogen and phosphorus, are added to bodies of water and can act like fertilizer, causing excessive growth of algae. This process is also known as eutrophication. Excessive amounts of nutrients can lead to more serious problems such as low levels of oxygen dissolved in the water. Severe algal growth blocks light that is needed for plants, such as seagrasses, to grow. When the algae and seagrass die, they decay. In the process of decay, the oxygen in the water is used up and this leads to low levels of dissolved oxygen in the water. This, in turn, can kill fish, crabs, oysters, and other aquatic animals.

Recharge: hydrologic process where water moves downward from surface water to groundwater.

Redevelopment: the action or process of developing something again or differently.

Runoff: the draining away of water (or substances carried in it) from the surface of an area of land, a building or structure.

Storm, 50-year: 6.60 inches of rain will fall in a certain area in a 24-hour period during any given year.

Stormwater: surface water in abnormal quantity resulting from heavy falls of rain or snow.

§ 4. Drainage requirements

- a. Runoff. All runoff from impervious surfaces of a lot shall be recharged on that lot. Runoff shall be diverted towards areas covered with vegetation for surface infiltration.
- b. Stormwater. All stormwater drainage shall be contained on the development site and away from wetland resources. All stormwater shall be treated on site unless there is a public benefit to connecting to another drainage system or allowing stormwater to flow off site. Commercial development shall be required to handle calculated flows from a 25-year storm (change this to 50-year storm?).
- c. Drains. In no instance shall roof drains, subsurface drains, or overflow drains of any kind be directed to the public road layout.

§ 5. Erosion and sediment control requirements

- a. Erosion. Erosion control provisions shall be designed and executed to prevent erosion or excessive uncontrolled surface water runoff from draining onto any public way, both during and after construction. No grading or clearing of land shall begin until all required erosion control measures are in place and fully constructed. Permanent erosion control measures including but not limited to re-vegetation, retention basins and siltation barriers may be required to ensure stormwater will not discharge onto the public way.
- b. Sediment control. The Town may require measures to reduce tracking of sediment from construction vehicles onto the public way. The contractor is required to clean up any sediment inadvertently discharged, through tracking or other means, into the public way or drainage systems. In no case shall sediment be allowed to discharge onto a public way or into public drainage infrastructure.

§ 6. Nutrient Pollution Sensitive Areas

For nutrient pollution sensitive areas, please refer to the Best Management Practices within the Massachusetts Stormwater Handbook, Wetlands regulations, 310 CMR 10.00, and the Water Quality Regulations, 314 CMR 9.00, relating to stormwater.

§ 7. Fines and penalties

Any person violating this chapter shall be punished by a fine of not more than two hundred dollars (\$200.) for each offense and may have their permit revoked. Each day that such offense continues shall constitute a separate offense.



PROJECT DESCRIPTION

1.0 INTRODUCTION

The proposed project located north of Pamet Harbor jetty along Corn Hill Beach in Truro, MA (the Site). The purpose of this application is to permit the installation of a coir envelope system within an eroded area between a stable coastal dune and existing stone jetty. This application is being submitted in accordance with the Massachusetts Wetlands Protection Act and associated regulations (the WPA) and the Truro Conservation Bylaw and associated Regulations (the Bylaw).

2.0 SITE DESCRIPTION

The proposed project is located at the southern end of Corn Hill Beach, adjacent to the northern jetty at the mouth of Pamet Harbor. The coastal dune between the stone jetty and the southern end of the barrier beach has eroded and is overwashed during large flooding events. The current Pamet Harbor dredge project has an approved beach nourishment program that helps to repair the beach but falls outside the eroding coastal dune and lacks enough sand for full restoration of the dune. Pamet Harbor is located to the south and east of the Site, Cape Cod Bay is located to the west, and Corn Hill Beach is located to the north. There are other structures near the Site and all land is under town ownership. The wetland resource areas and areas of conservation jurisdiction on the site that are protected under the Wetlands Protection Act include:

- Land Under Ocean
- Shellfish Habitat
- Barrier Beach
- Coastal Beach
- Coastal Dune
- Land Subject to Coastal Storm Flowage, Zone VE (Elevation 13)

3.0 PROPOSED ACTIVITIES

The purpose of this application is to authorize the following proposed activities:

Installation of Coir Envelope System with Beach Nourishment:

The proposed project at the site includes installing 862 square feet (sf) of coir rolls, installed along 72 linear feet (lf) of eroded coastal dune between the receding coastal dune to the existing stone jetty. The proposed coir envelope system will be made up of three (3) approximately 120' long coir envelopes (6'x6' width/height) which are comprised of outer coir layers, inner jute layers, and sand in the center. The coir envelopes will be stacked at an angle that matches the existing coastal dune and tying into the currently approved beach nourishment grades to maintain the approximate slope of the current beach. The system will be staked at the toe of the slope with 10' long green oak stakes, spaced approximately 3' apart, extending approximately 7' below the coir envelopes. The Town of Truro currently has an approved beach nourishment permit associated with the existing Pamet Harbor dredge permit. The beach profile should be maintained with nourishment material (either upland and/or dredge) when needed. This will help to protect the system and mitigate impacts to the beach.

The coir envelope system will be covered with roughly 12" of sand nourishment matching the characteristics of the sand on the existing beach. The nourishment will then be planted with American beachgrass (*Ammophila breviligulata*) to increase the stability of the system. Sand nourishment will be added to coir envelopes in the future if the system becomes exposed to prevent sunlight degradation. The coir envelopes are fully biodegradable and will not be permanent, but it is the intention that this system will temporarily stabilize the rebuilt dune to allow vegetation to take hold. Furthermore, repair of the coir envelope system can be done in segments, meaning that any damaged coir envelopes can be replaced without the need to replace or even excavate the entire system (if needed).

Access to the Site will be gained using the Corn Hill Beach parking lot by driving equipment down the beach to the jetty. Once the system has been installed, topped with sand nourishment, and planted with the beachgrass, the coir envelope system will act as a replacement dune. Planted beachgrass will serve to stabilize the dune and will protect the existing edge of coastal dune from erosion.

Conservation Commission
TOWN OF TRURO

MAY 24 2023

4.0 MITIGATION

Construction materials will be stored temporarily at a staging area located at the paved parking lot of Corn Hill Beach to the north of the Site. Prior to the start of work the contractor is to review the daily forecast to ensure no significant storm systems are forecast to be moving through the area during the time of work. If storms are forecast, the contractor shall make every effort to move equipment and materials out of the flood zone area and leave the site in a secure condition to minimize potential impacts to the coastal dune or coastal beach. Following construction, the beach will be smoothed and maintain a similar slope to existing permitted beach profile. The rebuilt dune area should be planted with native beachgrass planting for stabilization. Proposed work will be conducted outside the time of year restrictions for Piping Plover and other endangered shorebirds (between September 1st and March 31st) of any year.



MASSWILDLIFE

DIVISION OF FISHERIES & WILDLIFE

1 Rabbit Hill Road, Westborough, MA 01581
p: (508) 389-6300 | f: (508) 389-7890
MASS.GOV/MASSWILDLIFE

June 28, 2023

Truro Conservation Commission
PO Box 2030
Truro MA 02666

Town of Truro
24 Town Hall Road
PO Box 2030
Truro MA

RE: Applicant: Town of Truro
Project Location: Pamet Harbor Entrance Channel
Project Description: Installation of a Coir Envelope System for Jetty Extension
DEP Wetlands File No.: 075-1187
NHESP Tracking No.: 23-7264
Heritage Hub Form ID: RC-63330

Dear Commissioners & Applicant:

The Natural Heritage & Endangered Species Program of the Massachusetts Division of Fisheries & Wildlife (the "Division") received a Notice of Intent in compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.37). The Division also received the MESA Review Checklist and supporting documentation for review pursuant to the MA Endangered Species Act Regulations (321 CMR 10.18).

The Division has determined that this Project, as currently proposed, will occur within the actual habitat of the following species:

Table with 4 columns: Scientific Name, Common Name, Taxonomic Group, MESA Status. Rows include Charadrius melodus (Piping Plover) and Sternula antillarum (Least Tern).

State-listed species and their habitats are protected in accordance with the MESA and rare wetland wildlife habitat is protected pursuant to rare species provisions of the WPA. The Piping Plover is federally protected as Threatened pursuant to the U.S. Endangered Species Act (ESA, 50 CFR 17.11).

MA WETLANDS PROTECTION ACT (WPA) & MA ENDANGERED SPECIES ACT (MESA)

This letter is to inform you that the Division has reviewed the materials submitted with your combined application under the WPA (310 CMR 10.37) and MESA (321 CMR 10.18) regulations and has determined that additional information is required in order for the Division to complete its review pursuant thereto, as specified below:

MASSWILDLIFE

1. **Alternatives Analysis:** The Applicant must submit an evaluation of alternative methods for stabilization of the barrier beach and dune system that utilize methods for stabilization that reduce or do not result in additional degradation of state-listed species habitats. The alternatives must also include beach and dune nourishment designs that achieve protection and should include modeling or design standards that compare anticipated lifespan for each alternative.
2. **Coir System Design:** The application does not include information necessary to evaluate the potential impact of the proposed project to state-listed species and their habitats. Information regarding design life for the system, modeling analysis for performance in typical storm scenarios (e.g., 1yr, 5yr, 10yr storms), nourishment volume, nourishment frequency, maintenance frequency, design specifics (stakes/posts), source for nourishment, construction duration and timeline, etc. Please note this information should not be provided until an evaluation of alternative methods of stabilization is complete. If other methods of stabilization are not feasible, then the design of the proposed coir system and nourishment template should be designed with slopes appropriate to provide habitat for state-listed species.
3. **Maintenance, Nourishment/Replenishment Plan:** It may be appropriate for this project to develop a nourishment and/or replenishment plan utilizing the most current available information (e.g., CZM transect information, LIDAR, survey or study data, etc.) to determine the annual amount of sand that would be eroded from the coastal system. If a coir system is installed at the site, maintenance and sand replenishment will be critical. In addition to this calculation, the plan should include methods to monitor beach elevation, erosion, and establish trigger points for additional nourishment events and/or specify an appropriate frequency for renourishment.

After receiving the above information, the Division will continue its review of the proposed project for compliance with the MESA and the rare species provisions of the WPA. The Division reserves the right to request additional information to understand the potential impacts of the proposed project on state-listed species and their habitats.

No work or other activities related to your filing may be conducted anywhere on the project site until the Division completes its review.

If you have any questions about this letter, please contact Amy Hoenig, Endangered Species Review Biologist, at Amy.Hoenig@mass.gov.

Sincerely,



Everose Schlüter, Ph.D.
Assistant Director

cc: Matt Creighton, BSC Group
Hannah Raddatz, BSC Group
MA DEP Southeast Region, Wetlands

MASSWILDLIFE

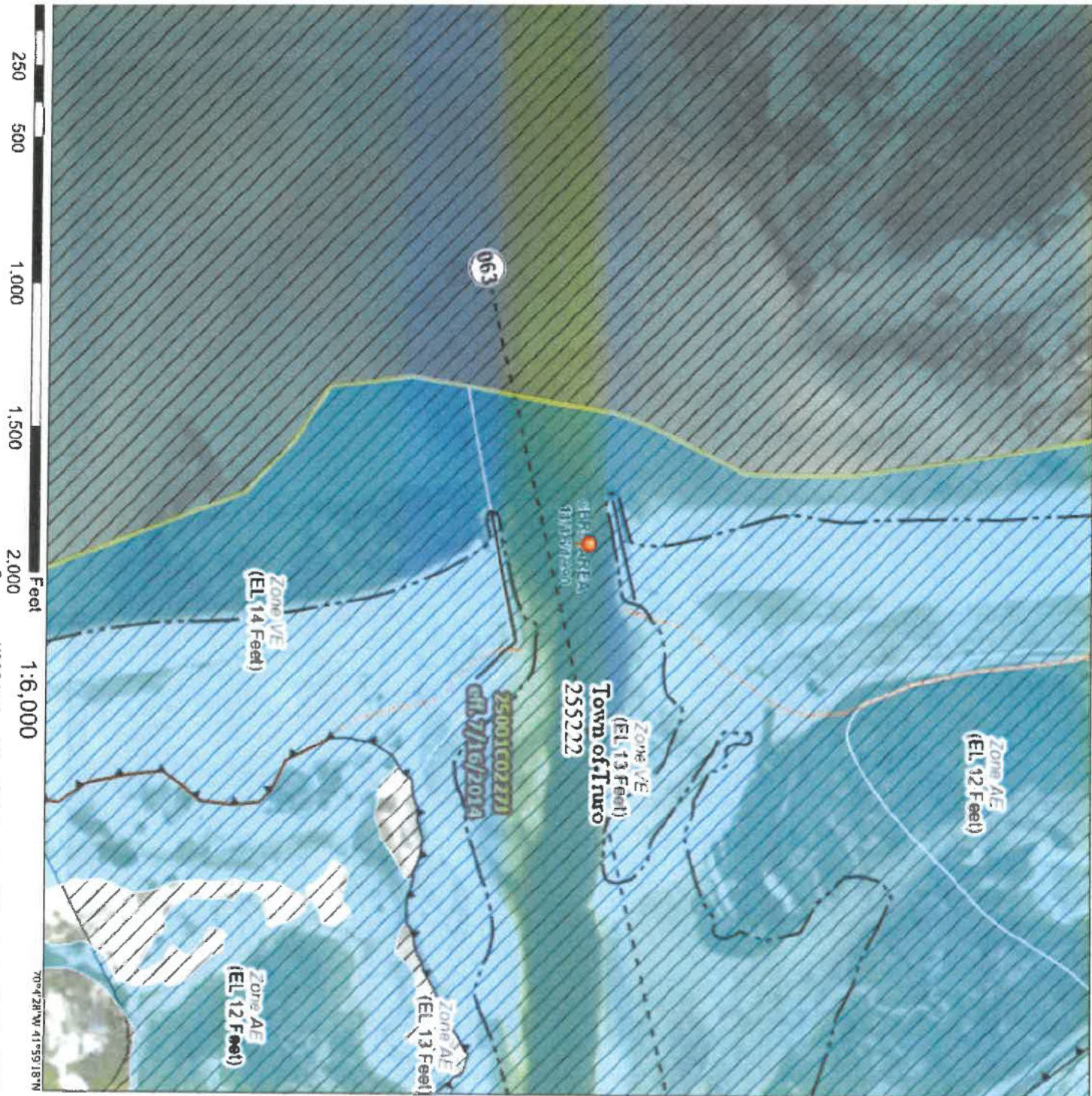


Scale:
1 inch = 1,750 feet
0 890 1,780
Feet
(page size: 8.5 X 11)

PAMET HARBOR ENTRANCE
TRURO, MA
USGS Site Locus Map

Conservation Commission
TRURO
MAY 24 2020

Source: 2013
National Geographic
Society, i-cubed
BSC GROUP



Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, AE, AP
- With BFE or Depth Zone AE, AD, AH, VE, VE-AE, V, VE-AE, X, Y, Z
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Flood Risk due to Levee. See Notes 7, 8
- Area with Flood Risk due to Levee

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard
- Effective LOMFRS
- Area of Undetermined Flood Hazard

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

CROSS SECTIONS

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

OTHER INFORMATION

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative MFHL web services provided by FEMA. This map was exported on **2/9/2023 at 12:37 PM** and does not reflect changes or amendments subsequent to this date and time. The MFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unnormalized areas cannot be used for regulatory purposes.

Scale

0 500 1,000 1,500 2,000 Feet

Coordinates

41°59'18" N 70°4'28" W

Map Elements

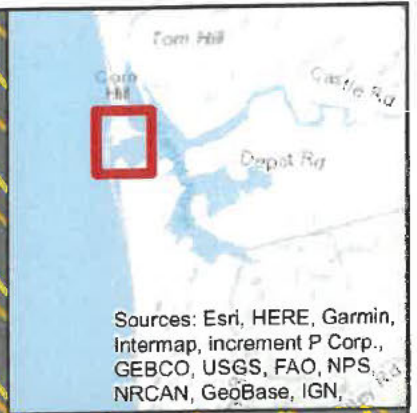
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Map Creation

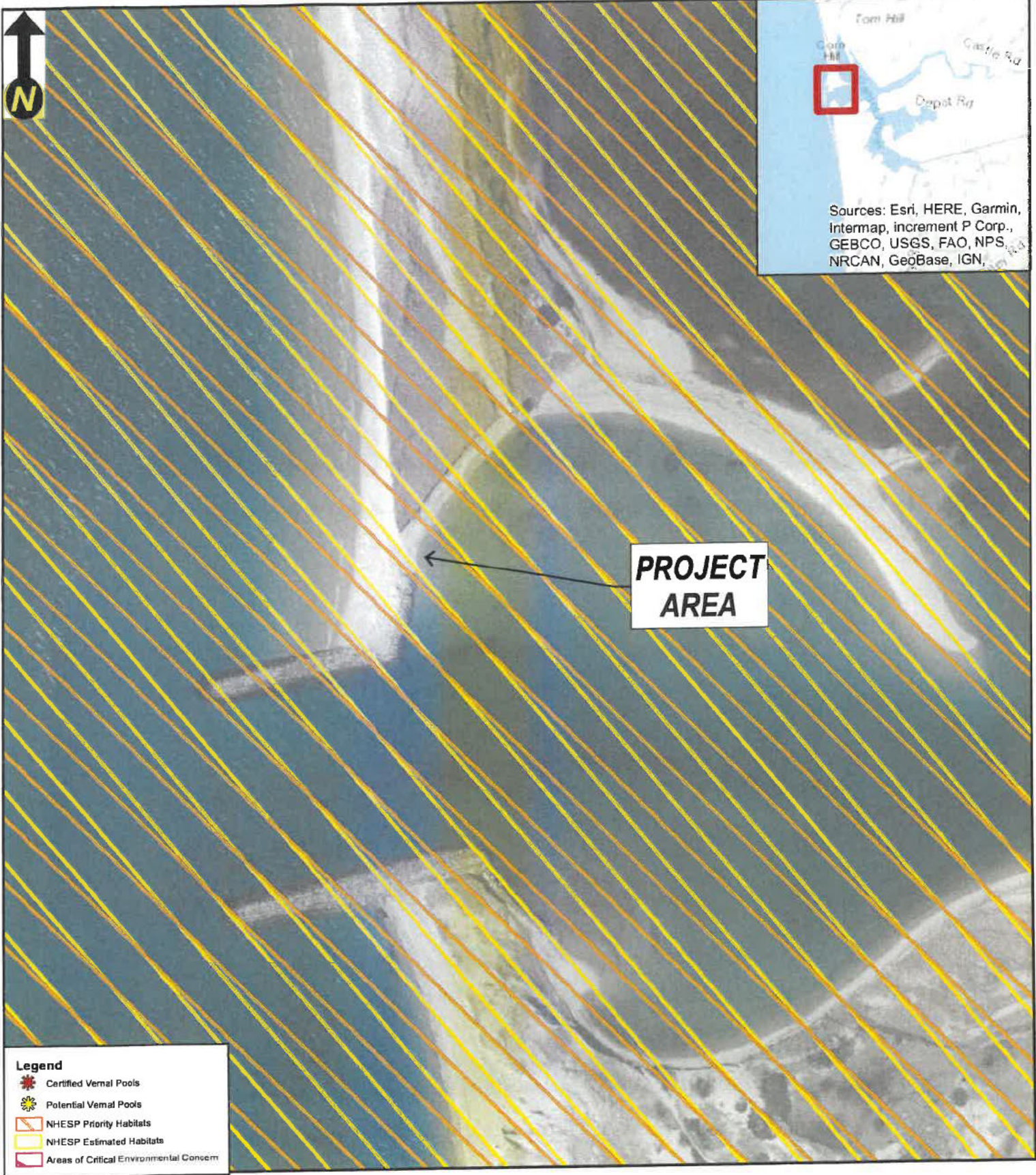
2/9/2023 at 12:37 PM

Map Panel






063



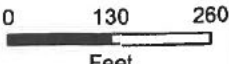
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN,



Legend

-  Certified Vernal Pools
-  Potential Vernal Pools
-  NHESP Priority Habitats
-  NHESP Estimated Habitats
-  Areas of Critical Environmental Concern

Scale:
1:3,000
1 inch = 250 feet



Feet

(Page size: 8.5 X 11)

NHESP MAP
Pamet Harbor Entrance
Truro, MA

Conservation Commission
TOWN OF TRURO
MAY 24 2023

Source: 2013
National Geographic
Society, i-cubed






Photo 1: View of northern jetty, overwash area, and barrier beach at the entrance to Pamet harbor. *Looking Northeast*



Photo 2: View of northern jetty, overwash area, and barrier beach at the entrance to Pamet harbor. *Looking north*

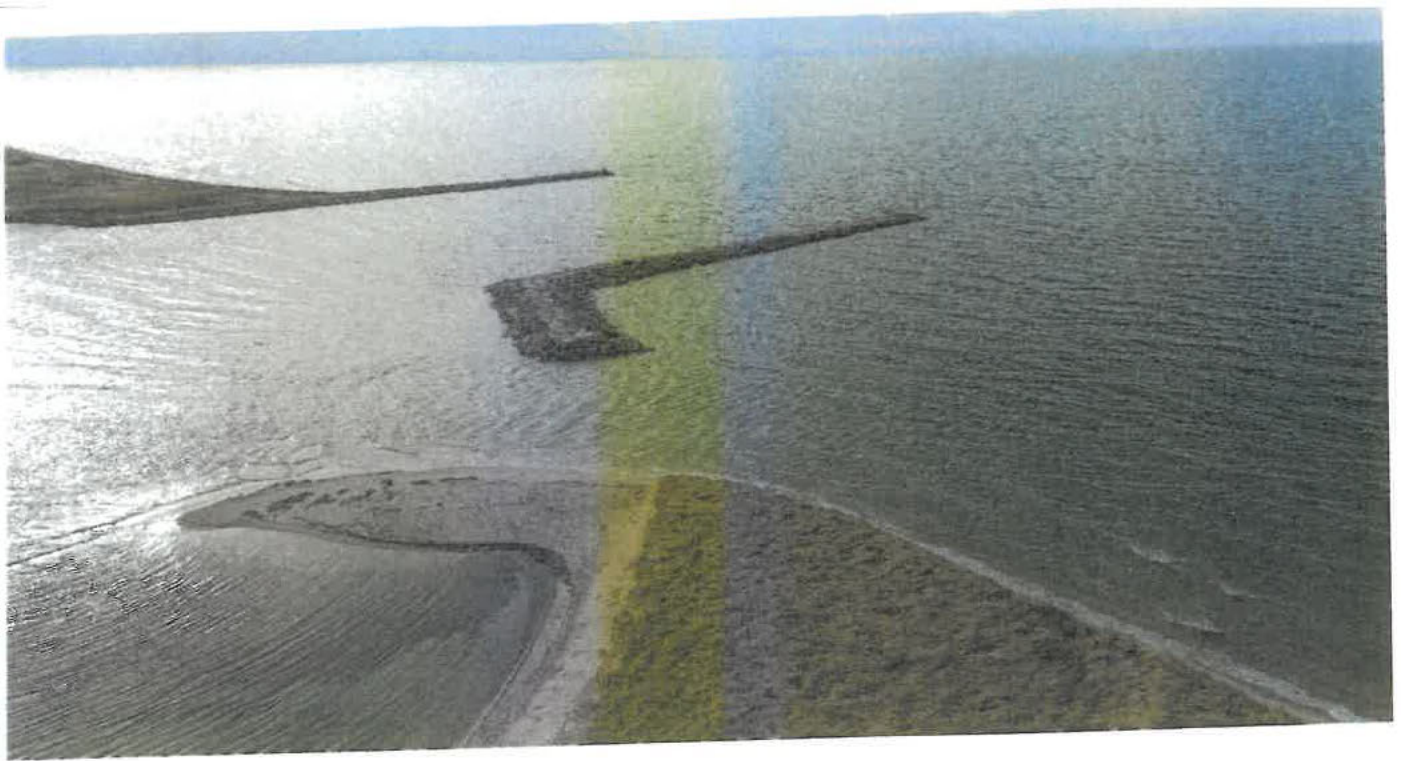
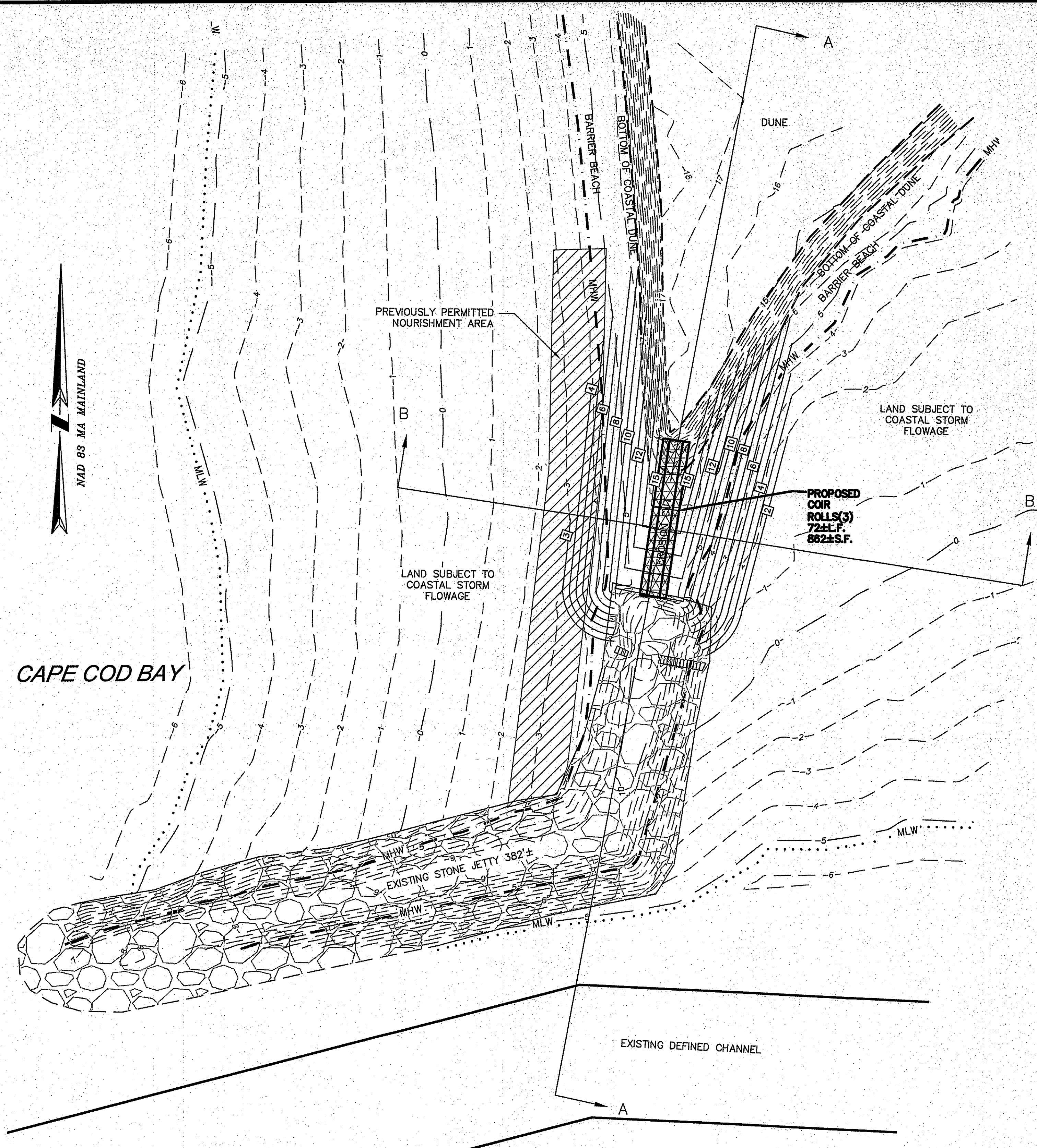


Photo 3: View of northern jetty, overwash area, and barrier beach at the entrance to Pamet harbor. *Looking southwest.*

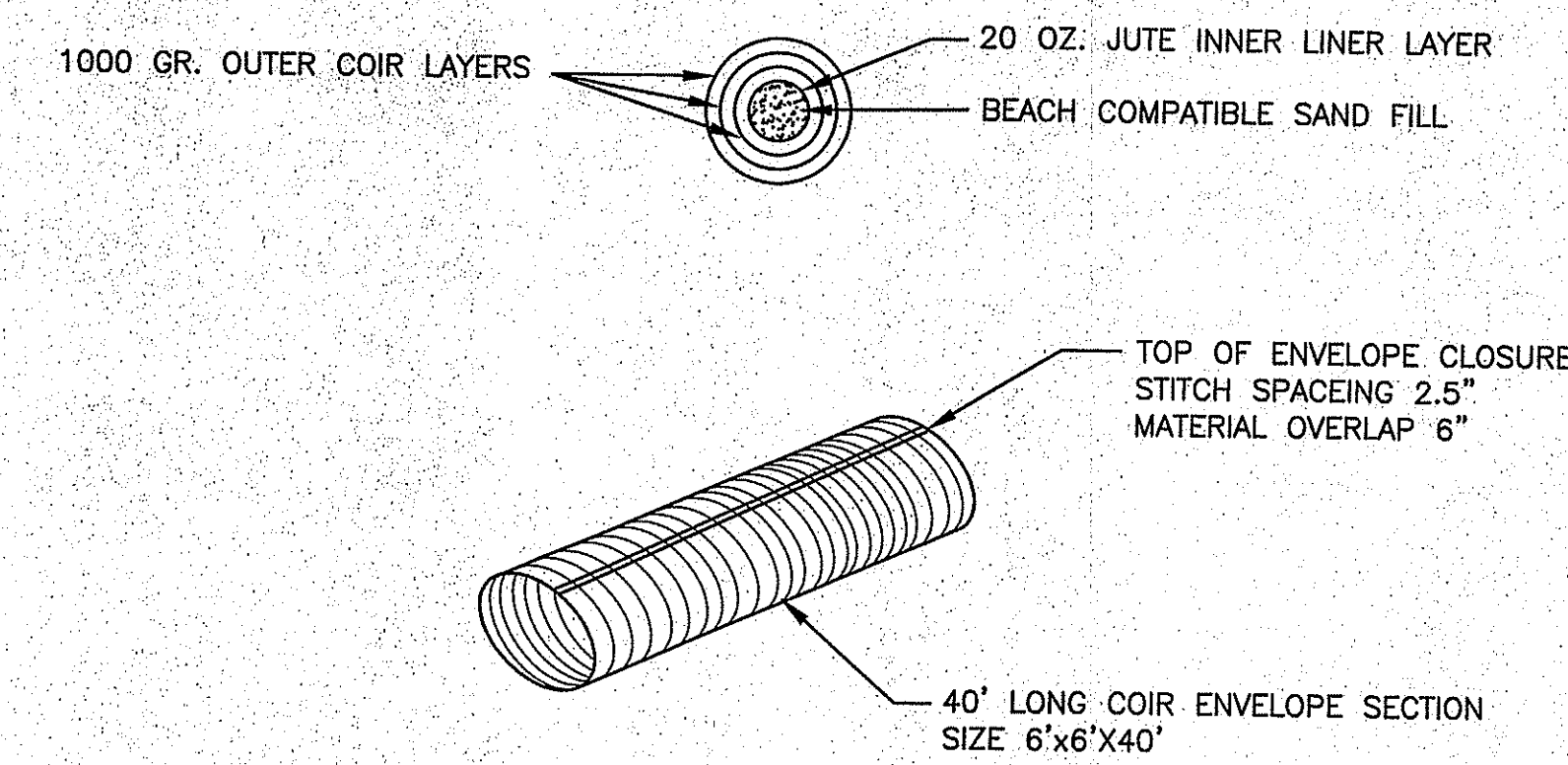
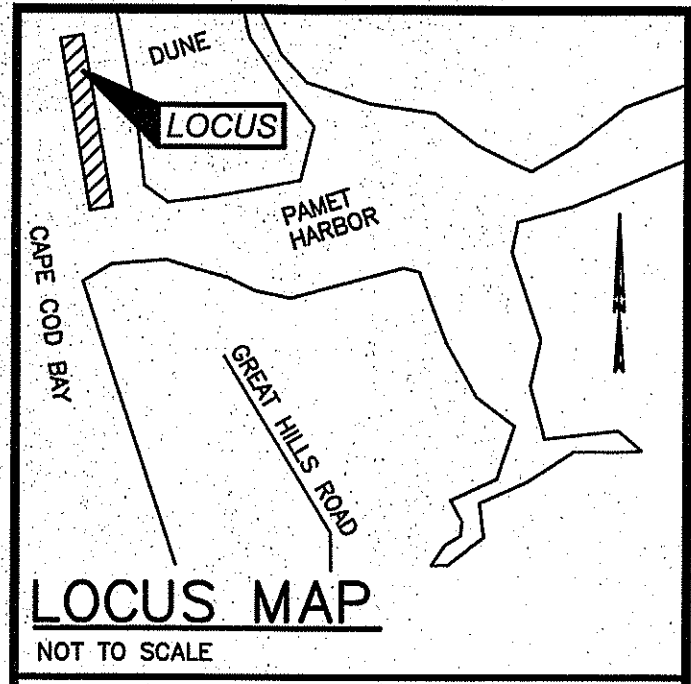


Photo 4: View of northern jetty, overwash area, and barrier beach at the entrance to Pamet harbor. *Looking southwest.*

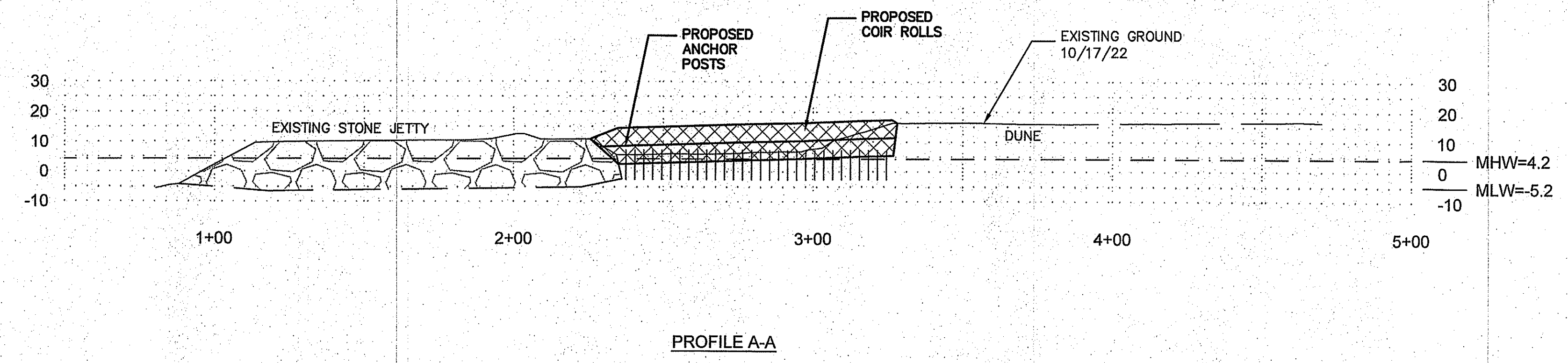
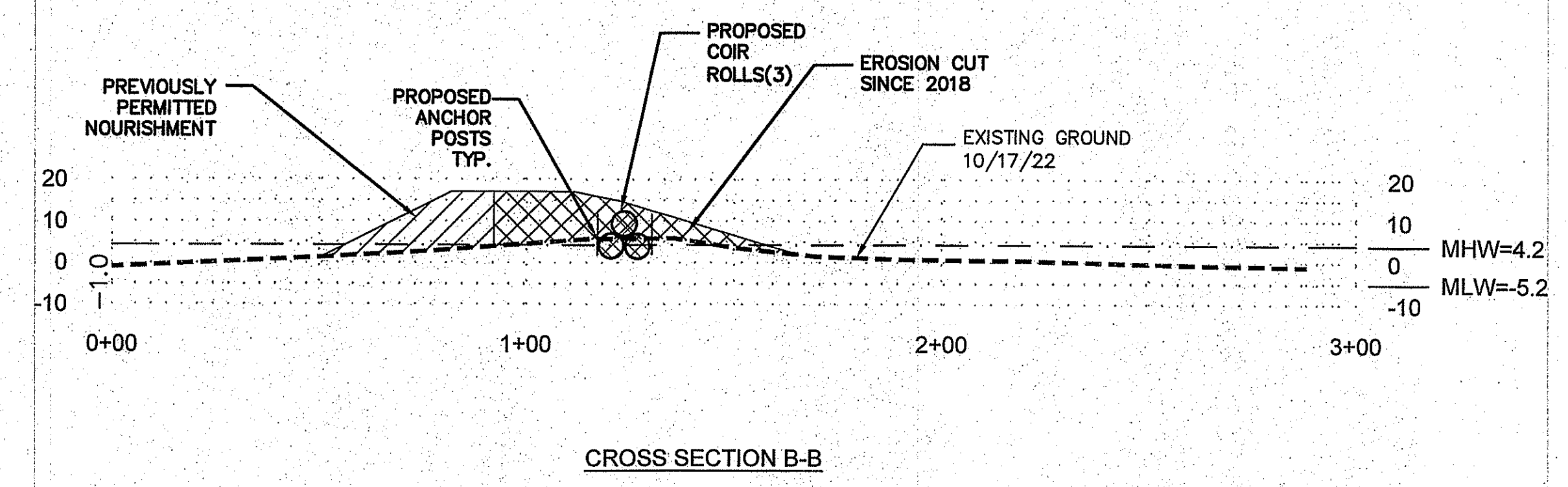


ENVIRONMENTAL IMPACTS	
IMPACT AREA	IMPACT
BARRIER BEACH	72±L.F.
LSCSF	862±S.F.
NHESP	862±S.F.

- NOTES:
- THIS PLAN IS THE RESULT OF A LIMITED ON THE GROUND SURVEY OF THE NORTHERLY INLET TO PAMET HARBOR ON 10/17/22. THE SOUTHERLY INLET IS COMPILED FROM AERIAL IMAGERY.
 - THE ELEVATIONS DEPICTED ON THIS PLAN ARE ON NAVD 88 DATUM.
 - THE TIDAL INFORMATION WAS TAKEN FROM BUZZARDS BAY NATURAL ESTUARY PROGRAM INTERACTIVE TIDAL DATUM VIEWER
MHW=4.2
MLW=-5.2
 - THE ENTIRE AREA DEPICTED ON THIS PLAN IS WITHIN THE NHESP PRIORITY HABITAT.
 - THE ENTIRE SITE IS WITHIN FLOOD ZONE VE EL.=13



COIR ENVELOPE DETAILS
NOT TO SCALE



KIERAN J. HEALY PLS
 DATE 5/24/2023
 FOR THE BSC GROUP INC.

**PLAN TO ACCOMPANY
A NOTICE OF INTENT**

Conservation Commission
 TOWN OF TRURO
 MAY 24 2023

PAMET HARBOR
 IN
 TRURO
 MASSACHUSETTS
 (BARNSTABLE COUNTY)

**TO INSTALL COIR ROLL
EROSION CONTROL**

MAY 24, 2023

REVISIONS:

NO.	DATE	DESC.

**ISSUED FOR PERMITTING
NOT FOR CONSTRUCTION**

PREPARED FOR:
 TOWN OF TRURO
 P.O. BOX 2030
 24 TOWN HALL ROAD
 TRURO, MA 02666

349 Route 28, Unit D
 W. Yarmouth, Massachusetts
 02673
 508 778 8919

© 2023 BSC Group, Inc.
 SCALE: 1" = 30'

 FILE: 50407-EXC.DWG
 DWG. NO:
 JOB. NO: 50407.01 SHEET 1 OF 1

Conservation Commission
TOWN OF TRURO

MAY 05 2023

TOWN OF TRURO
CONSERVATION COMMISSION
P.O. Box 2030
Truro MA 02666-0630

2

Request for Determination

Project address: 218, 242, & 248 Shore Rd Map 17,17,17 Parcel 18,17,16

- Is the project located in a resource area or buffer zone YES
- Resource Area Type(s): Coastal Beach
- If Buffer Zone what is the distance from Resource Area: Within Resource area

Description of project: (list all activities and describe methodology for construction or installation including equipment type if applicable) Proposed work will include seasonal beach raking of seaweed.

Work performed with rubber tire farm-type tractor and rake.

Attached site plan titles/dates, and any other plan or narratives title/dates: Requested dates for work are from May 1st to November 1st.

Describe the best management practices/mitigation that will be used on the site: All work will comply with Truro Cons.Com Beach Raking Regs., Section 2, Chapter 5.

Special Conditions required by the Conservation Include: _____

The proposed project is approved subject to the conditions included herein.

The use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen. The owner and applicant/representative are responsible for obtaining this permit prior to work start.

The owner and applicant/representative shall, avoid and otherwise minimize any activities in the buffer zone or in resource areas by use of best management practices on the site, such as:

- Placement of an agreed upon work limit;
- Proper placement of construction materials in developed or already disturbed areas;
- Proper installation/maintenance of erosion control;
- Good housekeeping that includes at a minimum daily trash pickup; no dumping of paint, plaster or concrete on the site but rather, disposing of it properly.

Approval of the project as described herein includes only the scope and specifications reviewed by the Conservation Commission; any changes to this project shall require additional review by the Conservation Commission prior to the work being done. Expansion of the scope of work may result in the applicant being required to file a full notice of intent. Any work done that exceeds the scope defined in the approved application shall be subject to issuance enforcement action; Violation of these conditions may result in issuance of an enforcement Order; non-criminal violation citations to the owner and/or applicant/representative accompanied by fines that accrue per offense and may accrue daily.

By reading and signing this letter of agreement the applicant acknowledges that they have read and understand the terms as stated herein; the scope of this approval is limited to the work described herein; and your signature on this conditional approval is acknowledgement that no work shall go forward until the RDA conditions have been issued by the Conservation Commission.

Applicant/Representative printed name and signature: JASON SILVA, Jason Silva
Owners printed name and signature: JASON SILVA, Jason Silva

MAY 04 2023

TOWN OF TRURO
CONSERVATION COMMISSION
P.O. Box 2030
Truro MA 02666-0630

3

Request for Determination

Project address: 4 Old Pamet Rd.

Map 50 Parcel 234

- Is the project located in a resource area or buffer zone BufferZone
- Resource Area Type(s): Wetland
- If Buffer Zone what is the distance from Resource Area: >88'

Description of project: (list all activities and describe methodology for construction or installation including equipment type if applicable) Installation of piping for Septic Tank and access for trucks to install SAS

Attached site plan titles/dates, and any other plan or narratives title/dates: Proposed Sewage Disposal System

Describe the best management practices/mitigation that will be used on the site: Cleanup end of work each day, silt fence across access area and coir logs where needed

Special Conditions required by the Conservation Include: _____

The proposed project is approved subject to the conditions included herein.

The use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen. The owner and applicant/representative are responsible for obtaining this permit prior to work start.

The owner and applicant/representative shall, avoid and otherwise minimize any activities in the buffer zone or in resource areas by use of best management practices on the site, such as:

- Placement of an agreed upon work limit;
- Proper placement of construction materials in developed or already disturbed areas;
- Proper installation/maintenance of erosion control;
- Good housekeeping that includes at a minimum daily trash pickup; no dumping of paint, plaster or concrete on the site but rather, disposing of it properly.

Approval of the project as described herein includes only the scope and specifications reviewed by the Conservation Commission; any changes to this project shall require additional review by the Conservation Commission prior to the work being done. Expansion of the scope of work may result in the applicant being required to file a full notice of intent. Any work done that exceeds the scope defined in the approved application shall be subject to issuance enforcement action; Violation of these conditions may result in issuance of an enforcement Order; non-criminal violation citations to the owner and/or applicant/representative accompanied by fines that accrue per offense and may accrue daily.

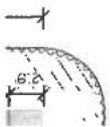
By reading and signing this letter of agreement the applicant acknowledges that they have read and understand the terms as stated herein; the scope of this approval is limited to the work described herein; and your signature on this conditional approval is acknowledgement that no work shall go forward until the RDA conditions have been issued by the Conservation Commission.

Applicant/Representative printed name and signature: Linda J. Cronin

Owners printed name and signature: Linda J. Cronin

Digitally signed by Linda J. Cronin
DN: cn=Linda J. Cronin, o=truroconservation.com, email=ljcronin@truro.com, ou=Truro
Date: 2023.05.03 16:11:36 -0400

Digitally signed by Linda J. Cronin
DN: cn=Linda J. Cronin, o=truroconservation.com, email=ljcronin@truro.com, ou=Truro
Date: 2023.05.03 11:13:04 -0400

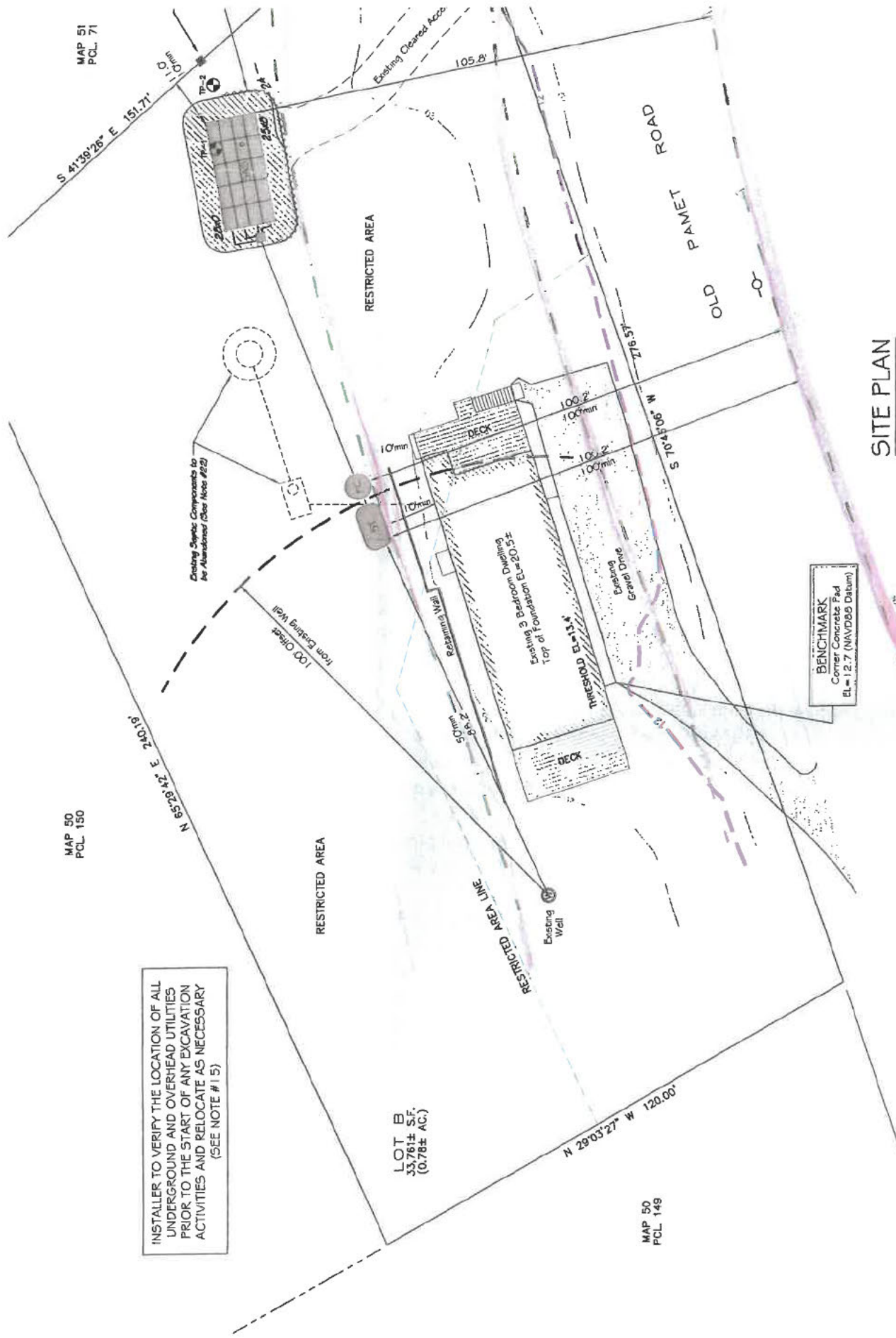


in Part (See Note #4)
see Note #23)

MAP 50
PCL 150

MAP 51
PCL 71

INSTALLER TO VERIFY THE LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO THE START OF ANY EXCAVATION ACTIVITIES AND RELOCATE AS NECESSARY (SEE NOTE #15)



SITE PLAN
SCALE: 1" = 20'

BENCHMARK
Corner Concrete Pad
EL. = 12.7 (NAVD88 Datum)

ECH

JUN 23 2023

4

June 23rd, 2023

Truro Conservation Commission
Truro Town Hall
24 Town Hall Road P.O. Box 2030
Truro, MA 02666

Re: revisions to RDA for proposed fence

Project Location: 8 Falcon Lane, Truro, MA 02666

Dear Truro Conservation Commissioners,

Crawford Land Management (CLM) respectfully submits the attached revised plan for the RDA application for 8 Falcon Lane in Truro, MA. This RDA seeks permission to install a fence around a portion of the outdoor space on the property to allow the applicant's pets to have a safe outdoor space to use. The RDA application was submitted to the Town on May 15th, 2023 and was heard at the public hearing on June 5th, 2023. This letter addresses the minor revisions that were made in response to the first hearing, and outlines CLM's and the applicant's response to the comments received during the first hearing.

The revised plan that is being submitted at this time includes some additional information about the proposed fence enclosure, including the square footage of the area to be enclosed in the fence and the composition of that area (hardscape/landscape planting area/naturalized area). The revised plan also includes a key diagram that shows the proposed work in the context of the entire property; the scope of the proposed fence is very minimal relative to the size of the entire property and its naturalized spaces.

CLM and the applicant have chosen to represent the proposed fence in the same manner as was originally proposed, and would like to further explain the reasoning for the proposed fence as is. The enclosure created by the proposed fence is intended to give the applicant's two dogs a space to safely roam and explore outdoors. It was requested by the Commission during the first hearing that the scope of the enclosure be reduced, particularly in the naturalized areas. To reduce the area of the enclosure so it doesn't include any naturalized areas would limit the enclosure to the gravel driveway/parking areas and landscape planting beds. This defeats the purpose of the enclosure, as it puts the pets at risk of being hurt by vehicles and doesn't provide them a large enough area to explore and exercise.

We would also like to clarify that the dogs will have no negative impact on the vegetation or composition of the naturalized area. Currently, there is no enclosed area for the dogs, and they are able to roam freely; they do not cause any damage, nor would they have any impact on the naturalized area if a portion of it were to become enclosed. The enclosure would simply provide them with improved safety.

Some commissioners raised concerns about the dogs being at risk of attack by coyotes or other wildlife. We don't believe this is a concern as the proposed fence is 4' tall, with only a 4" gap between the fence and the ground. Larger species like coyotes would not be able to enter the enclosed area, while smaller species like chipmunks, squirrels, and rabbits would. The height of the fence is also sufficient to keep the dogs in the enclosure, and keep wildlife that might cause harm to them out.

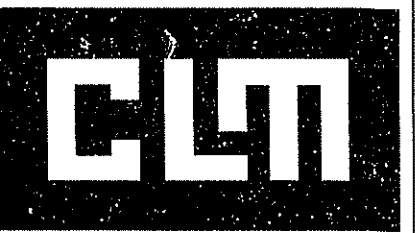
Lastly, we would like to remind the Commission that the applicant has done a substantial amount of land management work on their property, including invasive species management and re-establishment of native plant communities, and extensive treatment of an area of invasive *Phragmites australis* along the edge of the pond. This work was done voluntarily by the applicant in order to improve the quality of the naturalized areas, which has contributed greatly to the overall health and function of the resource areas on and adjacent to the property. We believe that the proposed fence enclosure is a very minor request that is warranted given the extensive restoration work that has already been completed throughout the property.

We hope that you understand the value of the proposed work to the applicant and recognize the extensive restoration work that has already been completed on the property. If you should have any questions, please do not hesitate to contact me at nick@crawfordlm.com or (508) 477-1346. Thank you for your consideration.

Respectfully,

A handwritten signature in black ink, appearing to be 'Nick Crawford', written in a cursive style.

Nick Crawford, CERP
PRINCIPAL & CO-FOUNDER, CRAWFORD LAND MANAGEMENT



CRAWFORD
LAND MANAGEMENT

88 Route 6A, Suite 2B
Sandwich, MA 02563
www.crawfordlm.com | 508.477.1346

All rights reserved. The drawings, designs, and ideas embodied therein are property of CLM and shall not be copied, reproduced, or disclosed in connection with any work other than the project for which they have been prepared. In whole or part, without prior written authorization of CLM.

Revised layout- shows full size of property; added square footages of enclosed area. LT
1 6/23/23
NO: DATE: REVISION: BY:

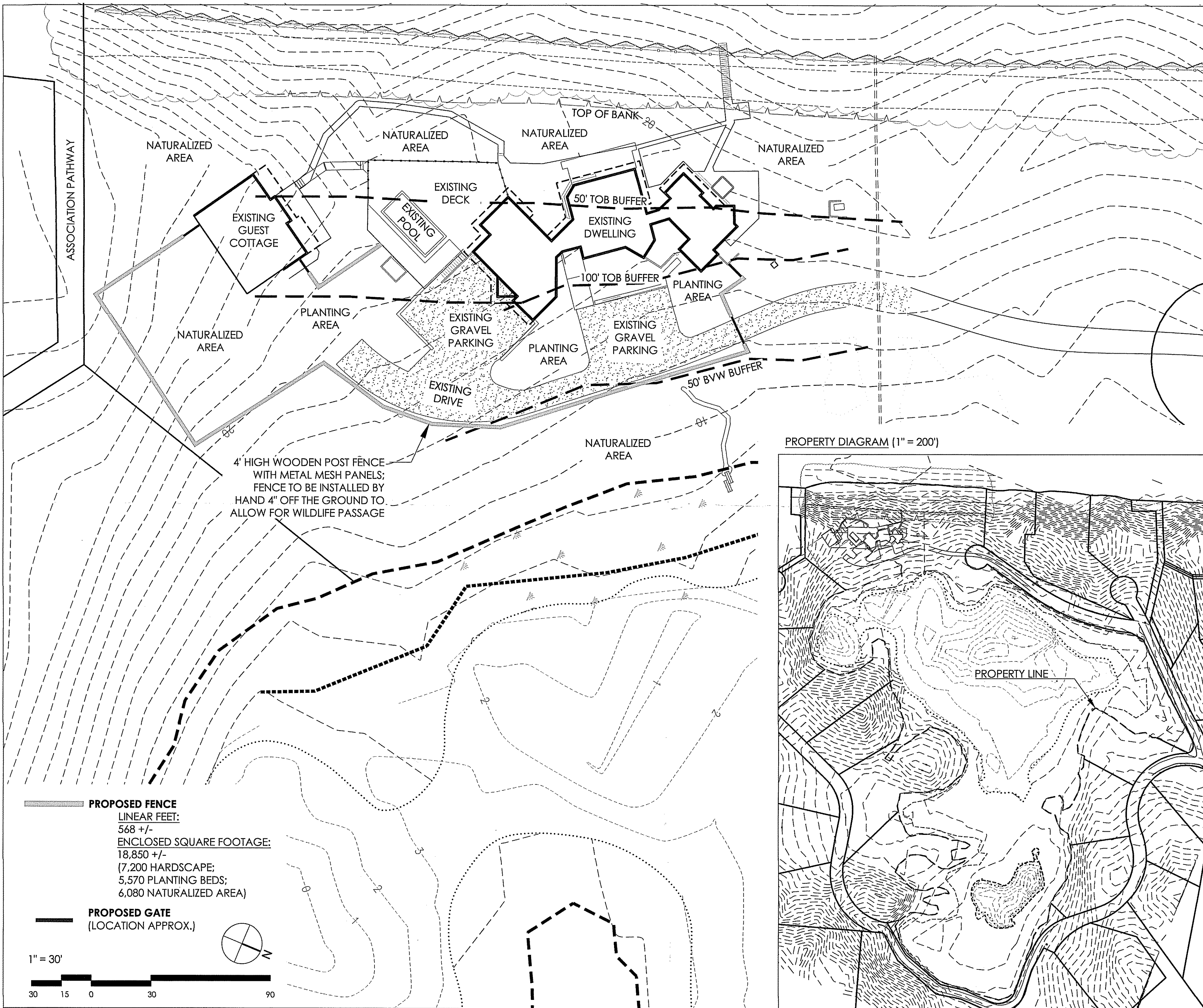
Engineer/surveyor:
Coastal Engineering Co.
260 Cranberry Highway
Orleans, MA 02653

Conservation Commission
TOWN OF TRURO
JUN 23 2023

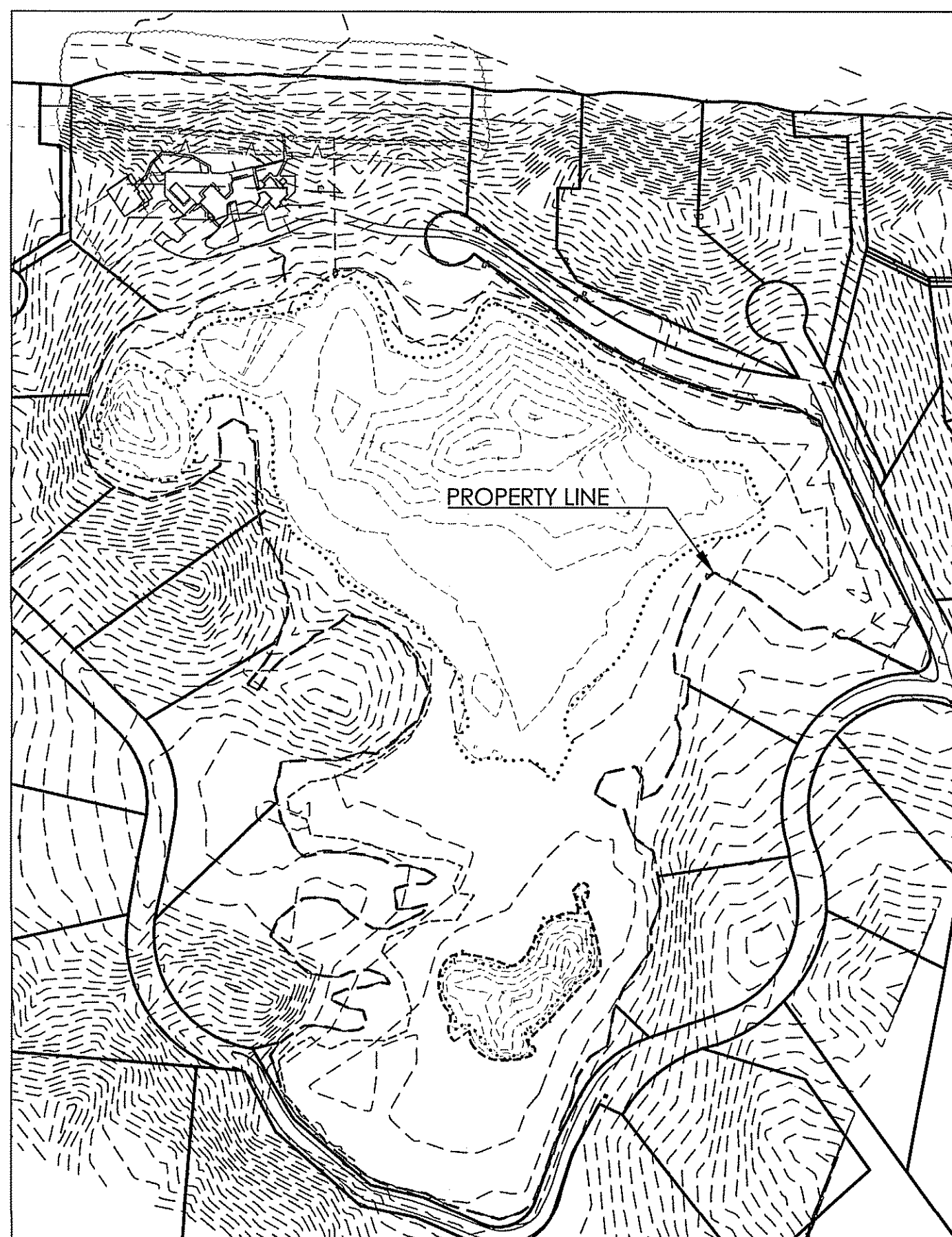
WARD RESIDENCE
8 FALCON LANE
TRURO, MA
PROPOSED FENCE RDA

SCALE: *VARIES*
DATE: -05/11/23-

1 OF 1



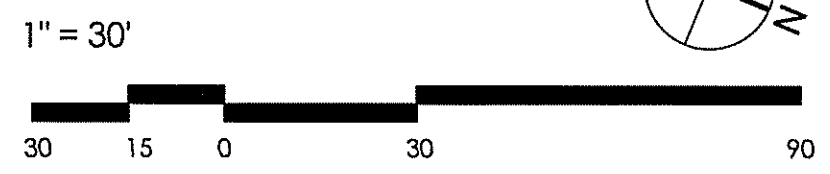
PROPERTY DIAGRAM (1" = 200')



4' HIGH WOODEN POST FENCE WITH METAL MESH PANELS; FENCE TO BE INSTALLED BY HAND 4" OFF THE GROUND TO ALLOW FOR WILDLIFE PASSAGE

PROPOSED FENCE
LINEAR FEET:
568 +/-
ENCLOSED SQUARE FOOTAGE:
18,850 +/-
(7,200 HARDSCAPE;
5,570 PLANTING BEDS;
6,080 NATURALIZED AREA)

PROPOSED GATE
(LOCATION APPROX.)



5/6

MAY 18 2023
TOWN OF TRURO
Conservation Commission

Request for Determination

Project address: **544 Shore Road** Map **7** Parcel **5 (1-11)**

- Is the project located in a resource area or buffer zone N/A
- Resource Area Type(s): **Coastal Dune, Coastal Beach, Barrier Beach, LSCSF**
- If Buffer Zone what is the distance from Resource Area: _____

Description of project: (list all activities and describe methodology for construction or installation including equipment type if applicable) **Proposed snow fencing and sand nourishment with American beachgrass plantings**

Attached site plan titles/dates, and any other plan or narratives title/dates: **Snow Fencing/Nourishment Sketch (5/9/23)**

Describe the best management practices/mitigation that will be used on the site: **See attached narrative**

Special Conditions required by the Conservation Include: _____

The proposed project is approved subject to the conditions included herein.

The use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen. The owner and applicant/representative are responsible for obtaining this permit prior to work start.

The owner and applicant/representative shall, avoid and otherwise minimize any activities in the buffer zone or in resource areas by use of best management practices on the site, such as:

- Placement of an agreed upon work limit;
- Proper placement of construction materials in developed or already disturbed areas;
- Proper installation/maintenance of erosion control;
- Good housekeeping that includes at a minimum daily trash pickup; no dumping of paint, plaster or concrete on the site but rather, disposing of it properly.

Approval of the project as described herein includes only the scope and specifications reviewed by the Conservation Commission; any changes to this project shall require additional review by the Conservation Commission prior to the work being done. Expansion of the scope of work may result in the applicant being required to file a full notice of intent. Any work done that exceeds the scope defined in the approved application shall be subject to issuance enforcement action; Violation of these conditions may result in issuance of an enforcement Order; non-criminal violation citations to the owner and/or applicant/representative accompanied by fines that accrue per offense and may accrue daily.

By reading and signing this letter of agreement the applicant acknowledges that they have read and understand the terms as stated herein; the scope of this approval is limited to the work described herein; and your signature on this conditional approval is acknowledgement that no work shall go forward until the RDA conditions have been issued by the Conservation Commission.

Applicant/Representative printed name and signature: **Baybeach Townhomes Condominium Trust/Assoc.**

Owners printed name and signature: **George Hailer, Lawson & Weitzen, LLP**

George Hailer as attorney for Baybeach Townhomes Cond Trust

June 28, 2023

Conservation Commission
TOWN OF TRURO

JUN 30 2023

Email/Overnight MailTruro Conservation Commission
Town Hall
24 Town Hall Road
Truro, MA 02666**Re: Request for Determination of Applicability
544 Shore Road/Map 7, Parcel 5 (1-11)
Truro, Massachusetts**

[LEC File #HM\20-153.01]

Dear Members of the Commission:

On behalf of the Applicant, Baybeach Townhomes Condominium Trust/Association, LEC Environmental Consultants, Inc., (LEC) is submitting materials to supplement the Request for Determination of Applicability previously filed for replacement snow fencing, sand nourishment, and plantings.

Based on feedback received during the June 5, 2023 Public Hearing and follow-up coordination with the Emily Beebe, the interim restoration measures have been refined as depicted on the *Fence/Nourishment Sketch* (6/28/23) and now include an Interim Management Plan (attached). Specifically, the layout of the snow fencing has been slightly reconfigured and shifted landward to be reflective of existing beach/dune conditions based on recent survey. The sand nourishment area (100± cubic yards) has been adjusted accordingly. The sand nourishment area and any unvegetated areas within the interior of the snow fencing will be replanted with American beachgrass in accordance with Conservation requirements. As depicted on the *Sketch*, a centralized Mobi-Mat (or Conservation-approved similar) extending from the building "cut through" (breezeway) will be exclusively utilized for beach access and seasonally removed. The interior of the snow fencing/revegetation (restoration) areas will be protected and no foot-traffic through or storage of materials, etc., within will be permitted. Protective signage will be installed to ensure protection of revegetation/restoration areas.

Thank you for your consideration of this information. Please do not hesitate to reach out with questions or comments in advance of the July 3, 2023 Public Hearing.

Sincerely,

LEC Environmental Consultants, Inc.Brian T. Madden
Senior Wildlife/Wetland Scientist

Interim Management Plan

Conservation Commission
TOWN OF TRURO

Baybeach Townhomes Condominium Trust/Association

JUN 30 2023

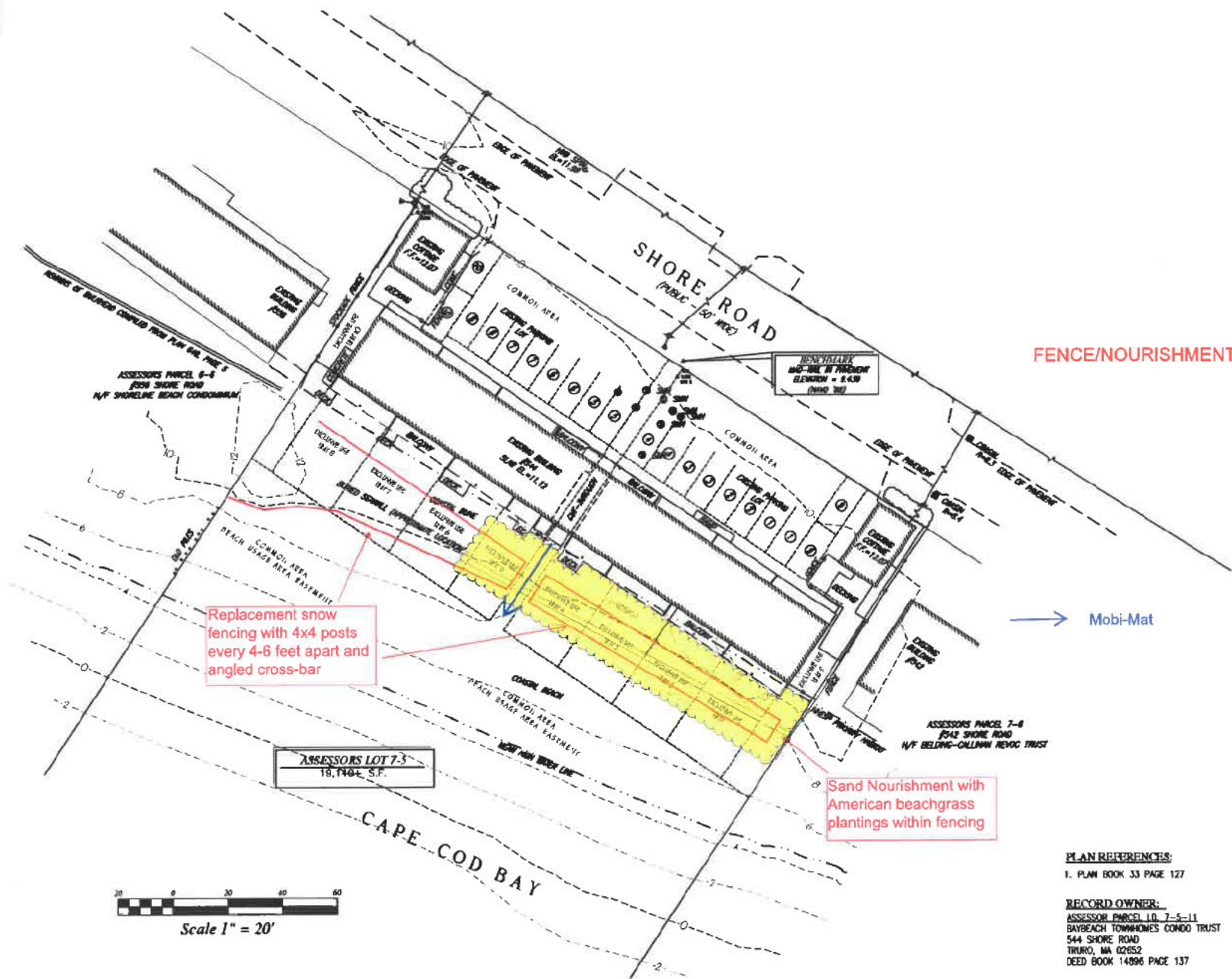
544 Shore Road, Truro, MA

Purpose: The Interim Management Plan is intended to provide short-term protection of Coastal Resource Areas (Coastal Dune and Coastal Beach on a Barrier Beach and within Land Subject to Coastal Storm Flowage) at the Baybeach Townhomes Condominiums, 544 Shore Road in Truro, MA, until a long-term stabilization and accompanying management plan is reviewed and approved by the Truro Conservation Commission.

The following reviews management goals/objectives:

- 1) Following sand nourishment application, the replacement snow fencing with 4x4 wood posts every 4-6 feet apart and angled cross-bars shall be installed as depicted on the *Fence/Nourishment Sketch*, dated 6/28/23, modified off the *Site Plan*, prepared by Grady Consulting, LLC, last revised on June 16, 2023.
- 2) The sand nourishment area and any unvegetated areas within the interior of the snow fencing shall be planted with American beachgrass. Existing vegetation outside of the sand nourishment area shall remain undisturbed.

Beach grass shall be planted 6" on center with three to six culms per plant, 8" deep. Rooted beach grass may be planted between April 15 and Memorial Day. If such rooted grass is utilized, planting shall be 12" on center. Dormant or rooted beach grass may be planted between Columbus Day and April 15.
- 3) A Mobi-Mat (or Conservation-approved similar) shall be installed from the building "cut through" (breezeway), providing access to the beach.
- 4) The "cut through" (breezeway) and connecting Mobi-Mat shall be exclusively utilized for beach access.
- 5) The Condo Trust/Association shall take reasonable steps to ensure the protection of vegetation within the interior of the snow fencing (revegetation/restoration areas). No foot traffic, storage of any materials, etc., shall occur within or disturb the interior of the snow fencing. Signage shall be installed to avoid disturbance to the revegetation/restoration areas.
- 6) The Mobi-Mat (Conservation-approved similar seasonal walkway) shall be removed by the end of October and safely stored within existing developed portions of the site or off-site.
- 7) Interim management measures are intended to be adaptive to changing shoreline conditions. Modifications to the Interim Management Plan shall require Conservation Staff review and approval.



- NOTES**
1. TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN IS BASED ON A FIELD SURVEY DONE BY GRADY CONSULTING, L.L.C. ON AUGUST 2, 2021 AND UPDATED JUNE 14, 2023
 2. THE SITE IS NOT LOCATED IN AN AQUIFER PROTECTION ZONE II.
 3. THIS SITE IS LOCATED IN A COASTAL BEACH AND COASTAL DUNE RESOURCE AREA.
 4. SUBJECT SITE IS IN THE RS-40 ZONING DISTRICT.

FLOOD NOTE
 BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE VE (EL. 15) AS DEPICTED ON FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 25011C 0117A, WHICH BEARS AN EFFECTIVE DATE OF JULY 16, 2014.

Conservation Commission
 TOWN OF TRURO
 JUN 30 2023

FENCE/NOURISHMENT SKETCH 6-28-23

REVISIONS	
JUNE 16, 2023	UPDATED TOPOGRAPHIC SURVEY

SITE PLAN
 ASSESSORS ID 7-5
 #544 SHORE ROAD
 TRURO, MASSACHUSETTS

PREPARED FOR:
 BAY BEACH TOWNHOMES CONDOMINIUM
 c/o GEORGE HALDER
 88 BLACK FALCON AVENUE, SUITE 345
 BOSTON, MA 02210

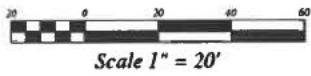
APRIL 27, 2023
 SCALE: AS SHOWN
 JOB No. 21-308

GRADY CONSULTING, L.L.C.
 Civil Engineers, Land Surveyors & Landscape Architects
 77 Evergreen Street, Suite 1, Kingston, MA 02521
 Phone (781) 585-2300 Fax (781) 585-2378

PLAN REFERENCES:
 1. PLAN BOOK 33 PAGE 127

RECORD OWNER:
 ASSESSOR PARCELS 10, 7-5-11
 BAYBEACH TOWNHOMES CONDO TRUST
 544 SHORE ROAD
 TRURO, MA 02552
 DEED BOOK 14896 PAGE 137

DATUM
 NAD 83 = 0.00
 MEAN LOW WATER = -4.64
 MEAN HIGH WATER = +4.65



Emily Beebe

5/6

From: Rick Bashian [REDACTED]
Sent: Tuesday, June 6, 2023 7:07 AM
To: Emily Beebe
Subject: Conservation Commission Hearing 7/3/23 - 544 Shore Road

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Emily,

Please distribute this email to the Commission and Applicant for consideration at the next meeting.

Thank you for distributing my last email regarding the snow fence, sand and dune grass planting to the Conservation Commission and Applicant. Neither the Trustees of 544 Shore Road nor their representatives have reached out to me in any manner regarding their dune project despite my request to have a dialogue.

On the video meeting I felt compelled to highlight the problem with the location of the fences, sand and planting. I hope that the Commission requires specificity with a detailed plot plan showing the location of fences, sand and vegetation with distances shown from the building deck. Please protect the existing beach area it is doing beautifully (widening and elevating) and should not be disturbed during the dune restoration work.

Lastly the Conservation Commission started to think about how to access the beach from each unit. Two viable options for planting dune grass planted right in front of the decks wherever sand is added:

- 1.) Do not walk off decks onto dune. Go out street side door to central breeze way to access beach.
- 2.) Prior to the renovation of the Coral Sands Motel there was a concrete walkway under the existing beach side deck. There were no unit dividers and guests walked on the walkway from their unit to get to the breezeway without walking on the dune. If the unit dividers were removed from the existing deck they could once again walk on the deck to the central beach opening without disturbing the dune.

Hope this is helpful in developing a plot plan.

Rick

Richard Bashian
Truro Properties
[REDACTED]

On Jun 5, 2023, at 9:32 AM, Rick Bashian <[REDACTED]> wrote:

Good Morning Emily,

Please confirm receipt of the additional input for Conservation Commission hearing for June 5th.

If possible please share this email with Conservation Commission before the site visit this morning so they can consider the information while at the site.

I did put in 3 small green markers (1 foot high) at about 35 feet from the building deck.

Thank you,

Rick

Richard Bashian

Truro Properties

(781) 437-8878

On Jun 4, 2023, at 11:39 PM, Rick Bashian <[REDACTED]> wrote:

Submission to Conservation Commission - Opposition To Bulkhead, Snow Fence & Sand as Proposed

Following up. On Sunday, I looked at the posts placed on the beach marking the proposed bulkhead and snow fence.

- 1.) The proposed bulkhead location on the North side of the property based upon my measurement appears to be located inside the Beach Easement Area (further than 35 feet out from the building deck). This would violate the Easement right of 535 Shore Road.
- 2.) The proposed snow fences are definitely within the Beach Easement Area (further than 35 feet out from the building deck) and will interfere with the easement right to use the beach. I object to any snow fences being placed further than 35 feet out from the building deck.
- 3.) The proposed snow fence line as marked with posts is located on the beach area and nowhere near the natural dune area as it exists today. The current dune and beach are located more landward than during the Summer of 2022. Allowing the snow fences to be installed on the existing beach instead of on the existing dune will promote and facilitate the ongoing failure to preserve the dune. For the last ten years the occupants at 544 Shore Road have failed to take care of and preserve the dune by extensively using the dune area instead of the beach. Except for the most Northerly section of the property in front of Cottage #10 where the dune has been protected and allowed to vegetate and elevate by the Owners of Unit #10.

4.) I oppose any sand being deposited further than 35 feet out from the building deck onto the existing beach. The existing beach sand in this area is natural and beautiful with no clay, silt or debris. The beach area has elevated and widened over the last several months and is not in need of replenishment.

5.) I do not object to sand being added to the dune within 35 feet of the building deck to create a man made vegetated dune. It would be best to have the sand elevation of the dune contoured so that it has the same elevation as the dune on the North side of the property. The Conservation Commission should consider having as a condition that the entire area where sand is added must be planted with dune grass, except for the central 6 foot walkway access to the beach which should not be elevated above the concrete slab nor vegetated. Creating a vegetated dune in front of the building deck that is protected from foot traffic would be beneficial.

6.) To preserve the man made vegetated dune it would be best to have the occupants of 544 Shore Road utilize the beach instead of the dune going forward. To promote usage of the beach area instead of the dune no snow fences should be on the beach area during the Summer months from May 1 - November 1. The snow fences serve no useful purpose during the Summer months when the ebb and flow of sand widen the beach. A simple wood pole with string running between poles could be used to control where people go on the dune and beach. Just like at Shoreline next door with fines for any violations by owners, guests or renters.

Thank you for your consideration.

Rick Bashian, Trustee
Alice T. Onbashian Irr Trust
535 Shore Road, Truro, MA

On Mon, May 1, 2023 at 3:09 PM Emily Beebe <EBeeBe@truro-ma.gov> wrote:

Hi Rick,

We are in receipt of your email. It has been forwarded to the Commissioners, and to the Consulting Engineer.

Please find the link for the meeting tonight, below.

Thanks very much.

Emily

Conservation Commission 5/1/2023 at 5PM

Please join my meeting from your computer, tablet or smartphone.
<https://meet.goto.com/464567165>

You can also dial in using your phone.

Access Code: 464-567-165

United States (Toll Free): 1 877 309 2073

United States: +1 (646) 749-3129

Get the app now and be ready when your first meeting starts:

<https://meet.goto.com/install>

From: Rick Bashian [REDACTED]

Sent: Monday, May 1, 2023 11:03 AM

To: Emily Beebe <EBeeBe@truro-ma.gov>

Subject: Conservation Commission Hearing 5/1/23 - 544 Shore Road

Hi Emily,

Attached letter dated May 1, 2023 by Richard Bashian, Individually & Trustee of 535 Shore Road in opposition to sea wall at 544 Shore Road for consideration of the Conservation Commission along with supporting documents:

1.) 1950s Photo of Dune & Beach at 544 Shore Road.

2.) 535 Shore Road Easement

Thank you for your consideration.

Rick Bashian



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Conservation Commission
TOWN OF TRURO

Truro
City/Town

WPA Form 1- Request for Determination of Applicability

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

JUN 13 2023

7

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:

Cousins Family Revocable Trust, c/o Carol Knox, Trustee

Name

5569 Compton Lane

Mailing Address

Eldersburg

City/Town

MD
State

21784
Zip Code

[Redacted]

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Ryder & Wilcox, Inc.

Firm

Stephanie J. Sequin, P.E.

Contact Name

stephanie@ryder-wilcox.com
E-Mail Address

Box 439

Mailing Address

S. Orleans

City/Town

MA
State

02662
Zip Code

508-255-8312

Phone Number

Fax Number (if applicable)

B. Determinations

1. I request the Truro 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:

Town of Truro

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):

462 Shore Road

Street Address

Truro

City/Town

8

Assessors Map/Plat Number

31

Parcel/Lot Number

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

The Site is located on a Barrier Beach in the Beach Point section of North Truro. It abuts Cape Cod Bay and lies within Land Subject to Coastal Storm Flowage. A timber bulkhead protects the portion of the property developed with an existing single family dwelling, deck, detached garage, dirt driveway and landscaping.

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

Proposed On-site Sewage Treatment and Disposal System

Title

6-9-23

Date

Title

Date

Title

Date

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

Installation of a sewage disposal system to replace an existing cesspool and drywell serving an existing two-bedroom dwelling.



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:

Cousins Family Revocable Trust, c/o Carol Knox, Trustee

Name

5569 Compton Lane

Mailing Address

Eldersburg

City/Town

MD

State

21784

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.

Carol Knox

Signature of Applicant

Date

7/8/23

Stephanie D. Seguin

Signature of Representative (if any)

Date

6/12/23



TOWN OF TRURO

Conservation Commission

24 Town Hall Road

P.O. Box 2030, Truro MA 02666

Tel: 508-349-7004, Ext. 31 Fax: 508-349-5508

WAIVER

I, STEPHANIE SEGERIN (print name), hereby waive the twenty-one (21) day time period for a public hearing following receipt of a: Notice of Intent Abbreviated Notice of Intent Request for Determination of Applicability Amended Order of Conditions Abbreviated Notice of Resource Area Delineation by the Truro Conservation Commission under Massachusetts General Laws, Ch. 131, sec. 40, and under Truro Conservation Bylaw, Section 8.5.2.

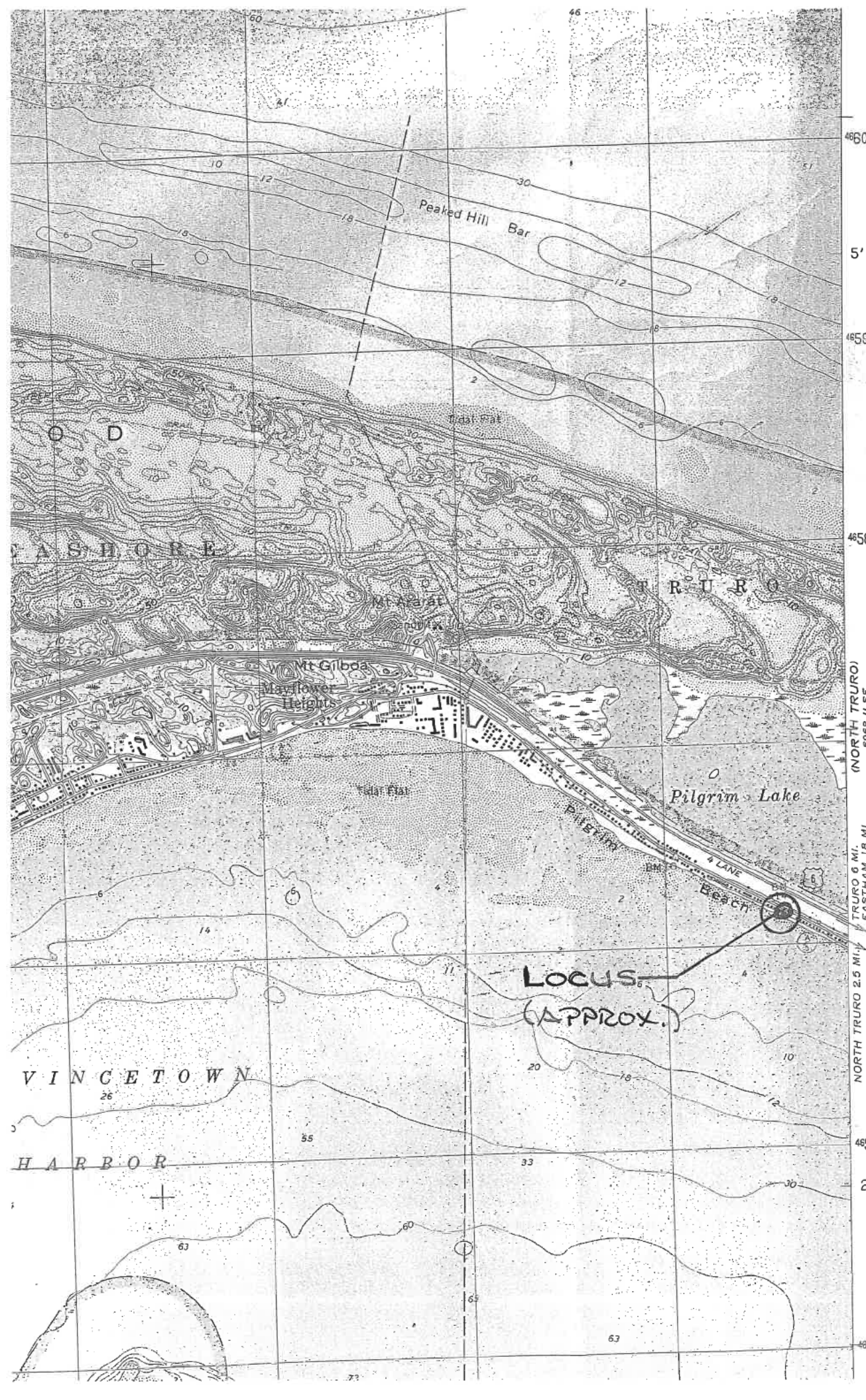
The Notice of Intent Abbreviated Notice of Intent Request for Determination of Applicability Amended Order of Conditions Abbreviated Notice of Resource Area Delineation was submitted on 6/12/23 (date) for work at 462 SHORE ROAD (address). I understand that the next meeting of the Conservation Commission is scheduled for 7/3/23 and that the Commission will open the public hearing on that date.

I am the: Applicant

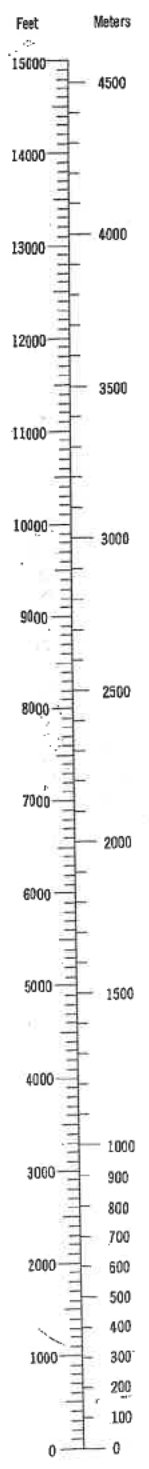
Applicant's Representative

Stephanie J. Segerin
(signature)

6/12/23
(date)



CONVERSION SCALES



Feet	Meters
1	.3048
2	.6096
3	.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

To convert feet to meters multiply by .3048

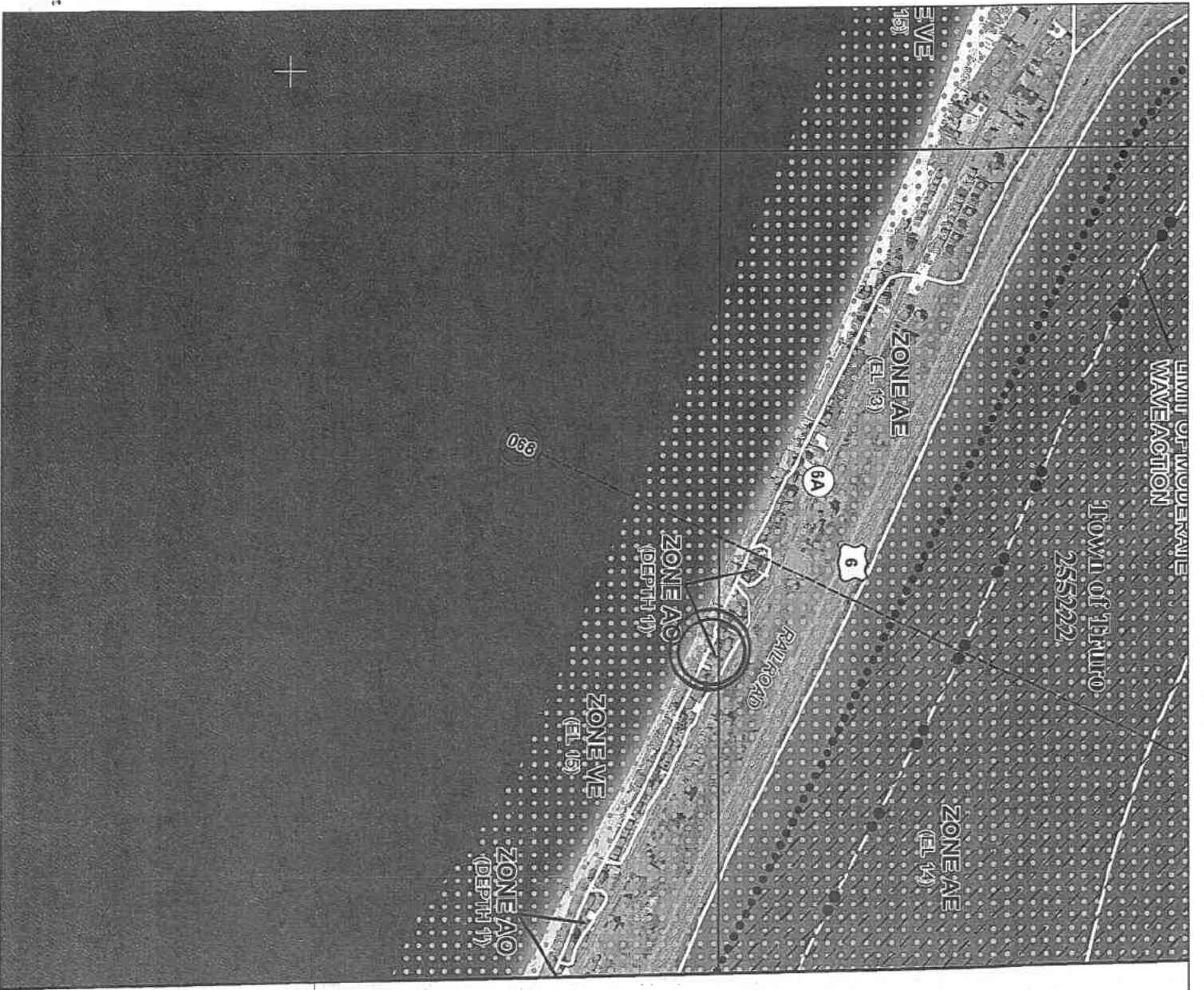
To convert meters to feet multiply by 3.2808

4660
4659
4658
4655
4654

5'
2' 30"

(NORTH TRURO)
6968 (1 SE)

TRURO 6 MI.
EASTHAM 18 MI.
NORTH TRURO 2.5 MI.



MAP SCALE 1" = 500'



NFIP

PANEL 0117J

FIRM

**FLOOD INSURANCE RATE MAP
BARNSTABLE COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)**

PANEL 117 OF 875
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
PROVINCETOWN, TOWN OF	255218	0117	J
TRURO, TOWN OF	255222	0117	J

NOTE - THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1992 AND/OR SUBSEQUENT ENABLING LEGISLATION.

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



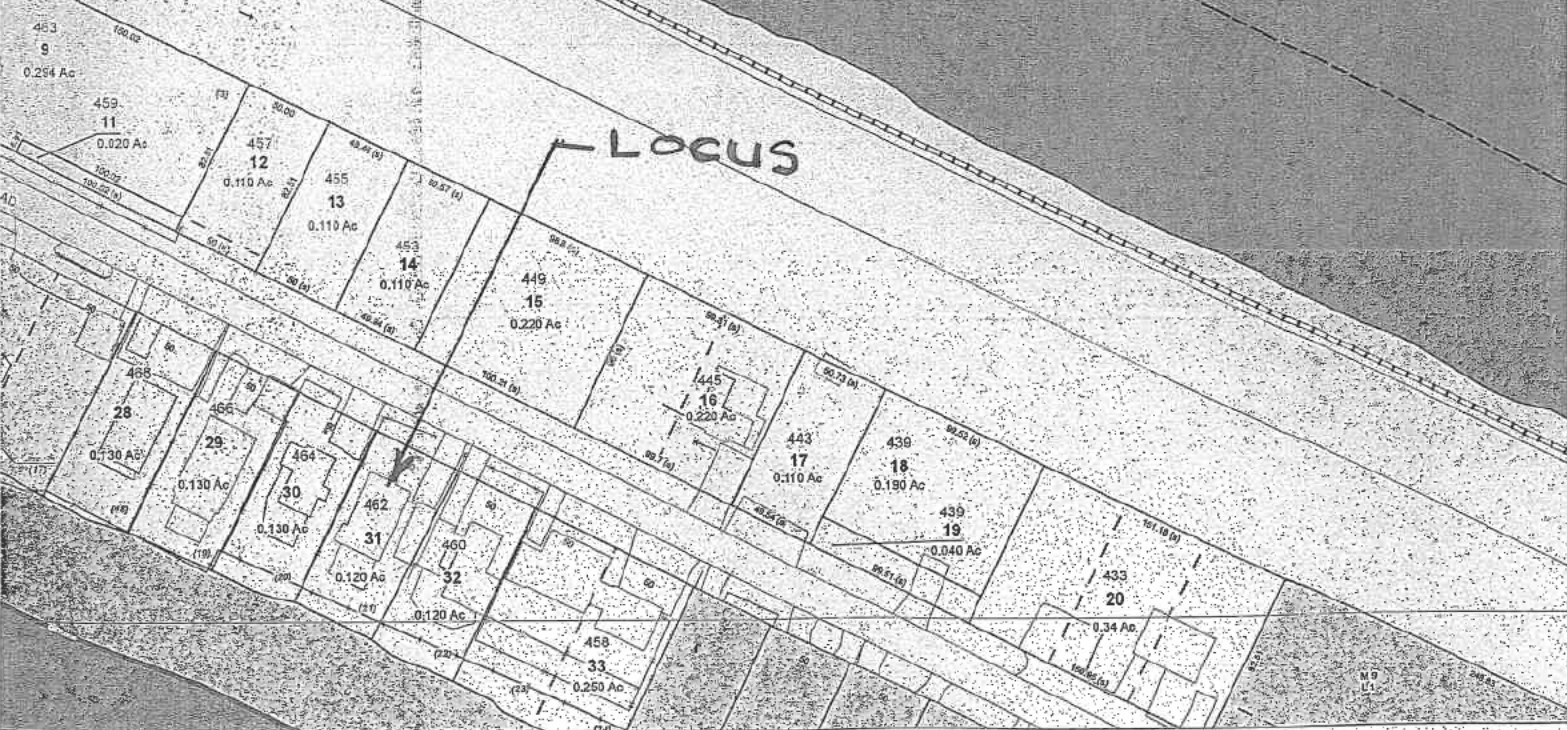
**MAP NUMBER
25001C0117J**
**EFFECTIVE DATE
JULY 16, 2014**

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using FIRMette - Desktop version 3.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at <http://www.nrcs.fema.gov/>.

ROUTE 6 GRAND ARMY OF THE REPUBLIC HIGHWAY

LOCUS

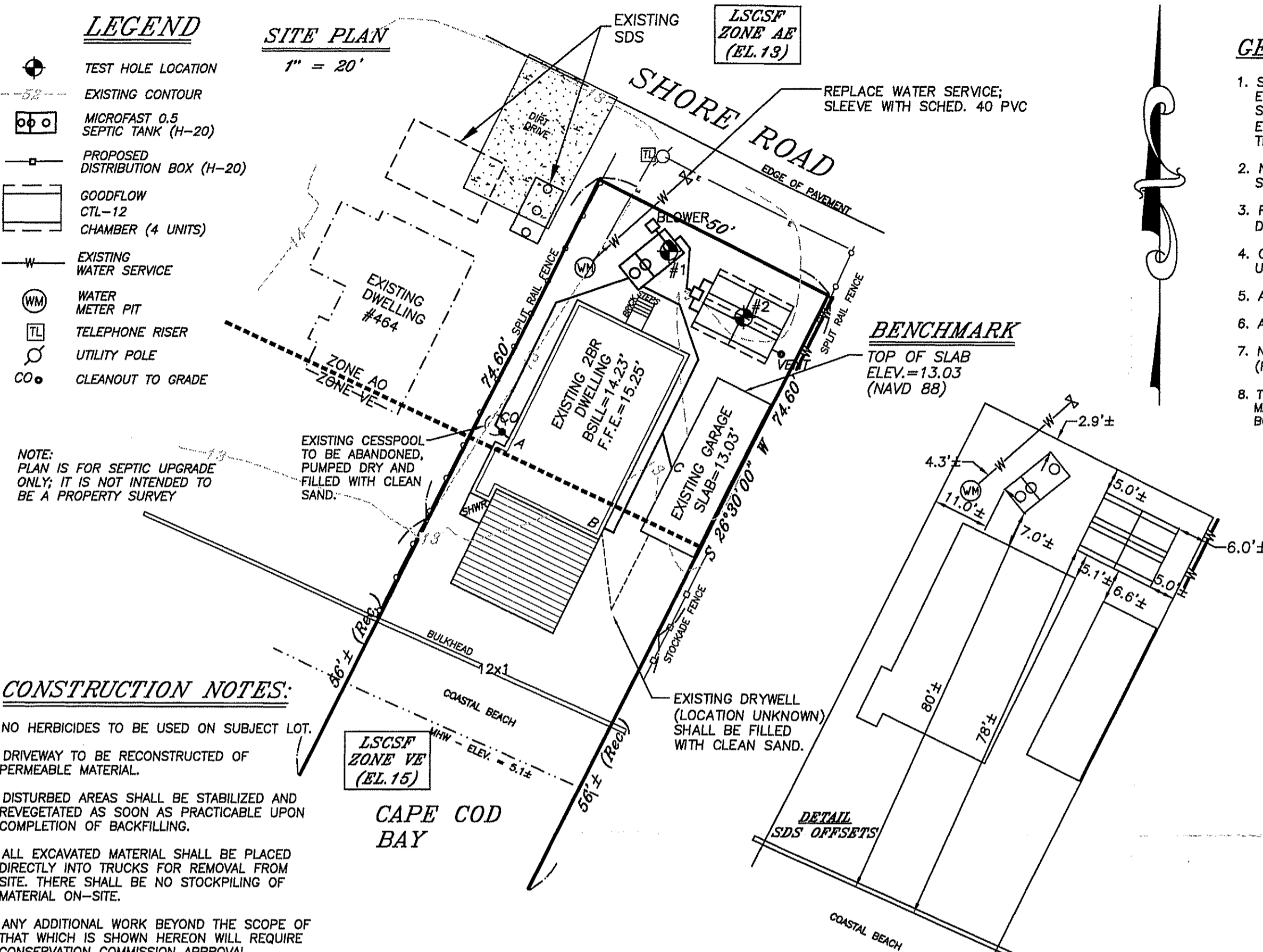


LEGEND

- ⊕ TEST HOLE LOCATION
- - - - EXISTING CONTOUR
- MICROFAST 0.5 SEPTIC TANK (H-20)
- PROPOSED DISTRIBUTION BOX (H-20)
- GOODFLOW CTL-12 CHAMBER (4 UNITS)
- EXISTING WATER SERVICE
- ⊙ WATER METER PIT
- ⊕ TELEPHONE RISER
- ⊕ UTILITY POLE
- ⊙ CLEANOUT TO GRADE

SITE PLAN

1" = 20'



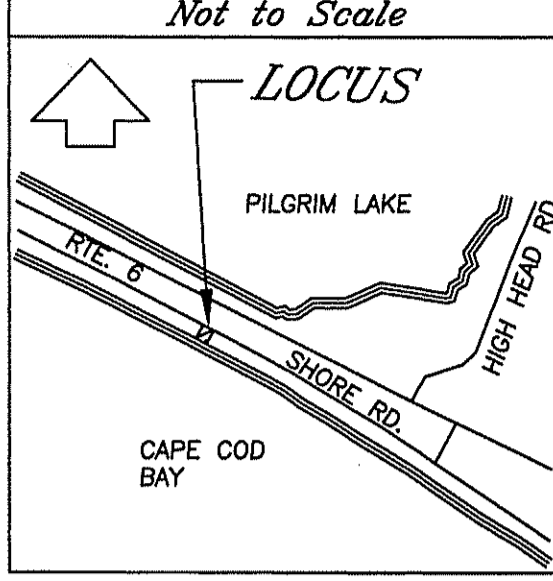
CONSTRUCTION NOTES:

1. NO HERBICIDES TO BE USED ON SUBJECT LOT.
2. DRIVEWAY TO BE RECONSTRUCTED OF PERMEABLE MATERIAL.
3. DISTURBED AREAS SHALL BE STABILIZED AND REVEGETATED AS SOON AS PRACTICABLE UPON COMPLETION OF BACKFILLING.
4. ALL EXCAVATED MATERIAL SHALL BE PLACED DIRECTLY INTO TRUCKS FOR REMOVAL FROM SITE. THERE SHALL BE NO STOCKPILING OF MATERIAL ON-SITE.
5. ANY ADDITIONAL WORK BEYOND THE SCOPE OF THAT WHICH IS SHOWN HEREON WILL REQUIRE CONSERVATION COMMISSION APPROVAL.

GENERAL NOTES:

1. SYSTEM IS DESIGNED IN ACCORDANCE WITH "COMMONWEALTH OF MASS., DEPT. OF ENVIRONMENTAL PROTECTION, 310 CMR 15.00; THE STATE ENVIRONMENTAL CODE, TITLE 5; STANDARD REQUIREMENTS FOR THE SITING, CONSTRUCTION, INSPECTION, UPGRADE AND EXPANSION OF ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS" AND THE TOWN OF TRURO REGULATIONS, EXCEPT WHERE NOTED.
2. NO WELLS OR WATER SUPPLIES ARE KNOWN TO EXIST WITHIN 100 FEET OF THE PROPOSED SOIL ABSORPTION SYSTEM.
3. PRIOR TO BACKFILLING COMPLETED SYSTEM, NOTIFY THE ENGINEER AND THE HEALTH DEPARTMENT FOR INSPECTION. PROVIDE 24 HOURS (MIN.) NOTICE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
5. ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH.
6. AREA SERVED BY TOWN WATER.
7. NO RESERVE AREA IS PROVIDED. A REPLACEMENT SYSTEM SHALL BE INSTALLED IN PLACE (REFERENCE DEP POLICY DATED 1/3/96).
8. THROUGHOUT ITS LIFE THE MICROFAST SYSTEM (GENERAL USE) SHALL BE UNDER AN OPERATION AND MAINTENANCE AGREEMENT IN ACCORDANCE WITH THE CONDITIONS OF MASS. DEP AND THE TRURO BOARD OF HEALTH.

LOCATION MAP



REFERENCE
ASSR'S MAP 8, PCL. 31
PL. BK. 33, PG. 127-F2
UNRECORDED PLAN PREPARED FOR PROCTOR AND MILDRED MURRAY NOVEMBER 1946 BY W.G. SLADE

LOCAL UPGRADE APPROVAL FROM 310 CMR 15.00 IS REQUIRED TO ALLOW:

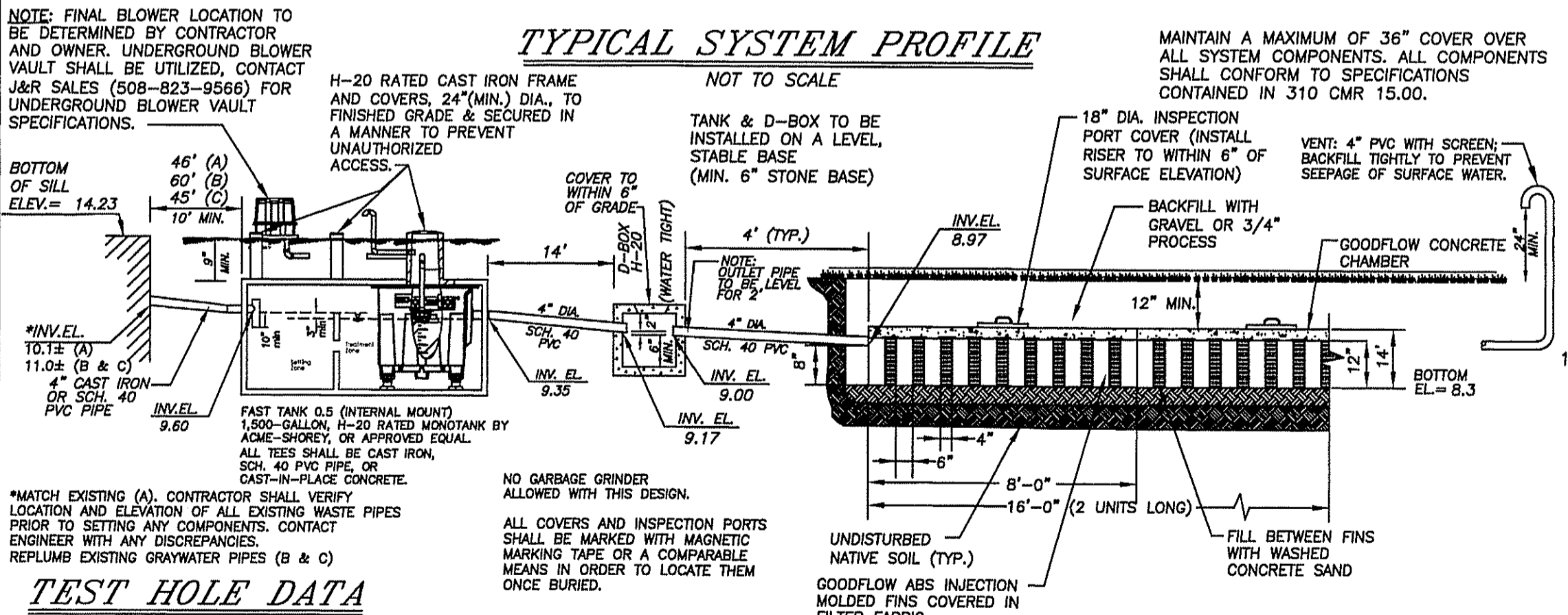
1. PROPOSED SEPTIC TANK LOCATED 2.9' FROM NORTHERN PROPERTY LINE (7.1' VARIANCE).
2. PROPOSED SEPTIC TANK LOCATED 7' FROM FOUNDATION (3' VARIANCE).
3. PROPOSED SAS LOCATED 5' FROM NORTHERN AND EASTERN PROPERTY LINES (5' VARIANCE).
4. PROPOSED SAS LOCATED 5.1' FROM FOUNDATION (14.9' VARIANCE) AND 6.6' FROM GARAGE SLAB (3.4' VARIANCE).
5. PROPOSED SEPTIC TANK LOCATED 4.3' FROM WATER SERVICE (5.7' VARIANCE).
6. PROPOSED SAS LOCATED 6'± FROM ABUTTERS WATER SERVICE (4' VARIANCE).
7. PROPOSED SAS LOCATED MORE THAN 3' BELOW GRADE (6"± VARIANCE).

VARIANCES FROM TRURO BOARD OF HEALTH REGULATIONS ARE REQUIRED TO ALLOW:

1. PROPOSED SEPTIC TANK LOCATED 80' FROM COASTAL BEACH (20' VARIANCE FROM SECTION VI, ARTICLE 9).
2. PROPOSED SAS LOCATED 78' FROM COASTAL BEACH (72' VARIANCE FROM SECTION VI, ARTICLE 9).
3. PROPOSED SEPTIC TANK LOCATED WITHIN LSCSF AND BARRIER BEACH (100' VARIANCE FROM SECTION VI, ARTICLE 9)
4. PROPOSED SAS LOCATED WITHIN LSCSF AND BARRIER BEACH (150' VARIANCE FROM SECTION VI, ARTICLE 9)

TYPICAL SYSTEM PROFILE

NOT TO SCALE

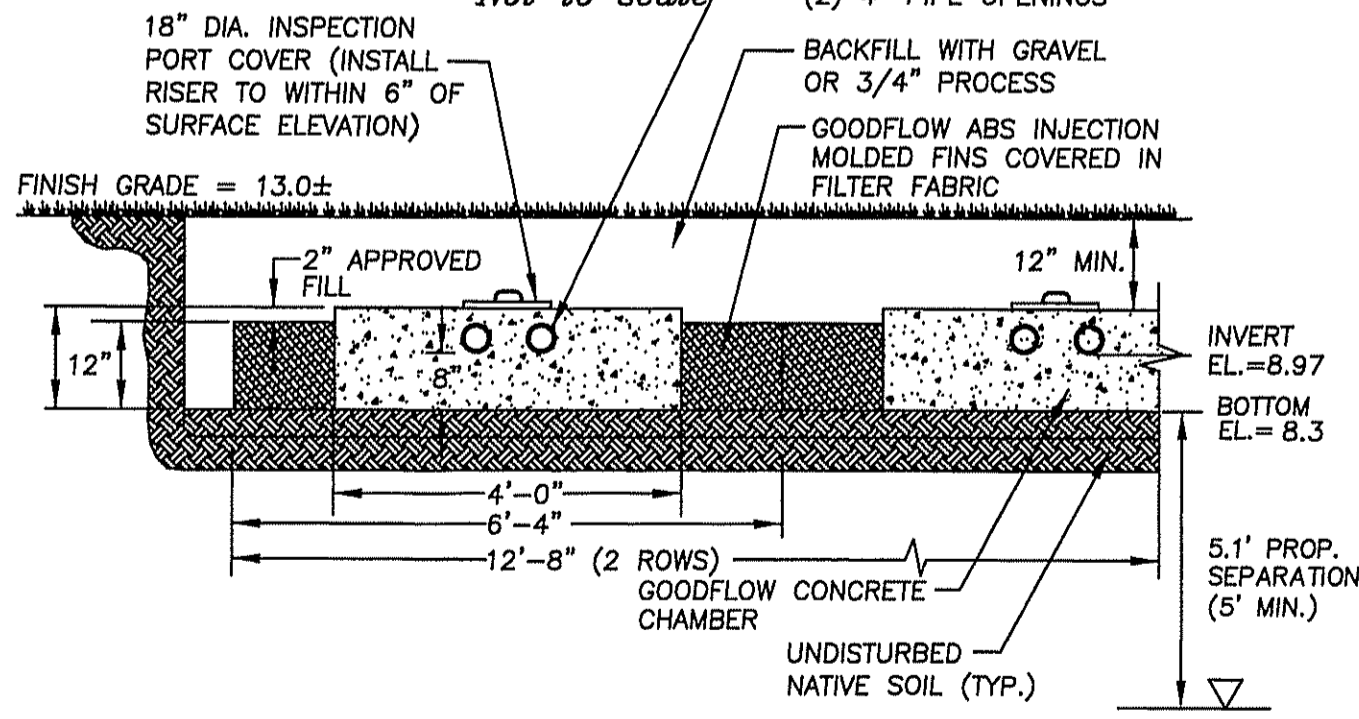


DESIGN DATA

NUMBER OF BEDROOMS: 2
ESTIMATED DAILY EFFLUENT: 220 GPD
EFFECTIVE LEACHING AREA AS PROPOSED:
FIELD: 32 LF X 10.57 SF/LF = 338.2 SF
LEACHING CAPACITY AS PROPOSED:
(EFFLUENT LOADING RATE = 0.74 GPD/SF)
FIELD: 338.2 SF x 0.74 = 250.3 GPD
TOTAL = 250 GPD

GOODFLOW CTL-12 CHAMBER DETAIL

Not to scale



G.W. OBSERVED AT ELEV.=1.8
ADJ. G.W. ELEV.=3.2'
(PER "SITE & SEWAGE PLAN",
460 SHORE ROAD,
12-27-2018)

PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM

Prepared for: Cousins Family Revocable Trust
Location: 462 Shore Road - Truro, MA

Ryder & Wilcox, Inc., P.E. & P.L.S.
3 Giddiah Hill Rd.
P.O. Box 439
So. Orleans, MA, 02862
Tel. (508) 255-8312
Fax. (508) 240-2306

Scale: 1" = 20'
Drawn by - SMM
Date - June 9, 2023

TEST HOLE DATA

DATE OF TEST HOLES: 3/31/2022
NO WATER ENCOUNTERED
INSP. BY: D. QUINN (R&W), AROZANA DAVIS (HEALTH DEPT.)

No. 1			
DEPTH (IN.)	SOIL HORIZON	SOIL TEXTURE	ELEVATION (FT.)
0 - 24	-	FILL	13.2 - 11.2
24 - 120	C	MEDIUM TO COARSE SAND	11.2 - 3.2

No. 2			
DEPTH (IN.)	SOIL HORIZON	SOIL TEXTURE	ELEVATION (FT.)
0 - 24	-	FILL	13.1 - 11.1
24 - 124	C	MEDIUM TO COARSE SAND	11.1 - 2.8

TOP OF PERC AT 28" (C-LAYER) <2MIN./IN.

Conservation Commission
TOWN OF TRURO
JUN 12 2023

SAFE HARBOR
ENVIRONMENTAL MANAGEMENT
HABITAT RESTORATION



To: Truro Conservation Commission Date: June 12, 2023
Attn: Emily Beebe, Health and Conservation Agent Cc: Arozana Davis
From: Gordon Peabody, Safe Harbor Environmental
Office: 95 Commercial St. Room 211, Wellfleet, MA, P.O. Box 880, Wellfleet, MA, 02667
Contact: email gordonpeabody@gmail.com Phone: 508-237-3724
RE: Sebastian & Dawn Snow, 21 S. Pamet Rd., Truro, MA 02666 – Map 51 – Parcel 95
ENVIRONMENTAL MANAGEMENT PLAN: FIBERGLASS POOL AND PATIO

Conservation Commission
TOWN OF TRURO
JUN 13 2023



SYNOPSIS: The property owner would like to increase outdoor family recreation area, through use of a fiberglass pool and stone patio. Placement is as far away from the resource area as possible, outside and above the wetlands and coastal bank buffer zones, with a small percentage (227 sq ft) within the 100 ft Top of Bank BZ. Area is predominately invasive English Ivy. Erosion control will utilize straw wattles inside silt fencing, along the L.O.W. per Safe Harbor erosion control guidelines. Access by previously permitted (with planting list) path from existing driveway, avoiding removal of native trees A rubber tire mini excavator would remove 60 yds and a small crane would set in the fiberglass pool, with 15 yds used for grading and the remainder removed from site. Surrounding retaining walls and steps are precast blocks, per submitted drawing. Outdoor lighting will be beneath the water level. All piping will be PVC. The pool would be filled with salt water, delivered and removed by pumper trucks. The pool deck would consist of 19" x 32" precast cement pieces to avoid on site concrete use. The patio surface would be pitched to slot a drain, connected to 6' X 6' precast gravel filled tank, outside BZ. Robust tree and shrub mitigation planting areas (5-1 @ 1,135 sq ft) per planting plan in addition to the LOW Ivy area replanting. ***A Variance is requested.***

TOWN OF TRURO WETLANDS PROTECTION BYLAW VARIANCE REQUEST:

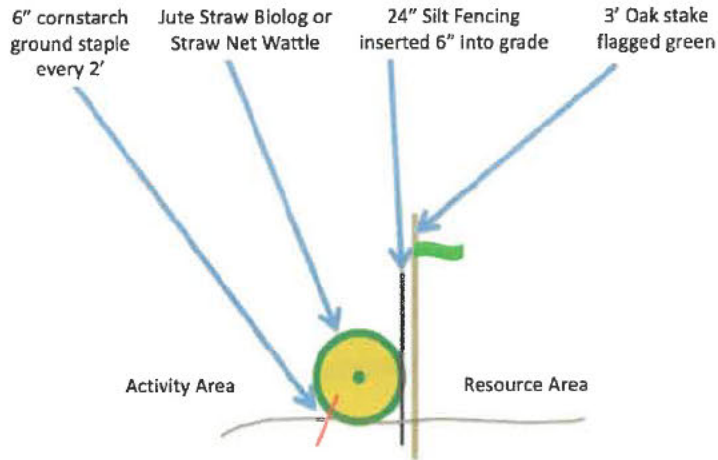
ALTERNATIVES ANALYSIS

1. INSTALL POOL AND PATIO CLOSE TO THE ROAD
2. IN STALL POOL AND PATIO NEXT TO HOUSE
3. **INSTALL POOL AND PATIO AS FAR AWAY FROM RESOURCE AREAS AS POSSIBLE**
4. INSTALL LARGE CONCRETE POOL AND CONCRETE PATIO, USE PREVIOUSLY PERMITTED, DISTURBED IVY COVERED ACCESS
5. INSTALL LARGE CONCRETE POOL AND CONCRETE PATIO, REMOVE TREES FOR ACCESS
6. INSTALL LARGE FIBERGLASS POOL AND CONCRETE PATIO, USE PREVIOUSLY PERMITTED, DISTURBED IVY COVERED ACCESS
7. INSTALL LARGE FIBERGLASS POOL AND CONCRETE PATIO, REMOVE TREES FOR ACCESS
8. INSTALL MEDIUM SIZED FIBERGLASS POOL, WITH PRECAST CONCRETE PATIO SECTIONS, REMOVE TREES FOR ACCESS
9. **INSTALL MEDIUM SIZED FIBERGLASS POOL, WITH PRECAST CONCRETE PATIO SECTIONS, USE PREVIOUSLY PERMITTED, DISTURBED IVY COVERED ACCESS**
10. REPLANT NATIVE EGETATION 1-1 (227 SQ FT)
11. REPLANT NATIVE VEGETATION 2-1 (464 SQ FT)
12. **REPLANT NATIVE VEGETATION 5-1 (1,135 SQ FT)**
13. REPLANT ONLY HARMONY MIX GROUNDCOVER, REMOVE INVASIVE ENGLISH IVY
14. REPLANT HARMONY MIX GROUNDCOVER AND BUSHES, REMOVE INVASIVE ENGLISH IVY
15. **REPLANT WITH HARMONY MIX; SWEET PEPPERBUSH; WHITE OAK; PITCH PINES; AND Highbush BLUEBERRY, REMOVE INVASIVE ENGLISH IVY**
16. USE EXTENSIVE OUTDOOR LIGHTING
17. **USE UNDERWATER LIGHTING**
18. USE FRESH WATER POOL
19. **USE SALTWATER POOL**
20. ***PREFERRED ALTERNATIVE: INSTALL MEDIUM SIZED FIBERGLASS POOL AS FAR AWAY FROM RESOURCE AREAS AS POSSIBLE; UTILIZE PRECAST CONCRETE SECTIONAL PATIO; ACCESS THROUGH PREVIOUSLY DISTURBED (AND PERMITTED) INVASIVE VEGETATION AREA; REPLANT NATIVE VEGETATION 5-1 (1,135 SQ FT) WITH HARMONY MIX SEEDS; SWEET PEPPERBUSH; Highbush BLUEBERRY AND WHITE OAK; USE UNDERWATER LIGHTING AND SALTWATER.***

Satisfies resource areas performance standards in the interests of the Act: for **Water Quality** with proper Stormwater Management for Ground Water Recharge; Erosion Control; and Concrete Management, substituting precast concrete sections and fiberglass for poured concrete; **Habitat** with diverse plantings; to sustainably stabilize site; and removal of invasive vegetation.

NARRATIVE:

1. MA DEP # shall be properly posted on site.
2. The Commission approved OOC shall be recorded at the Registry of deeds.
3. Proof of said recording shall be furnished to the Commission Office.
4. The site shall be professionally staked prior to activity.
5. Safe Harbor shall install Erosion Control system, per Safe Harbor Guidelines



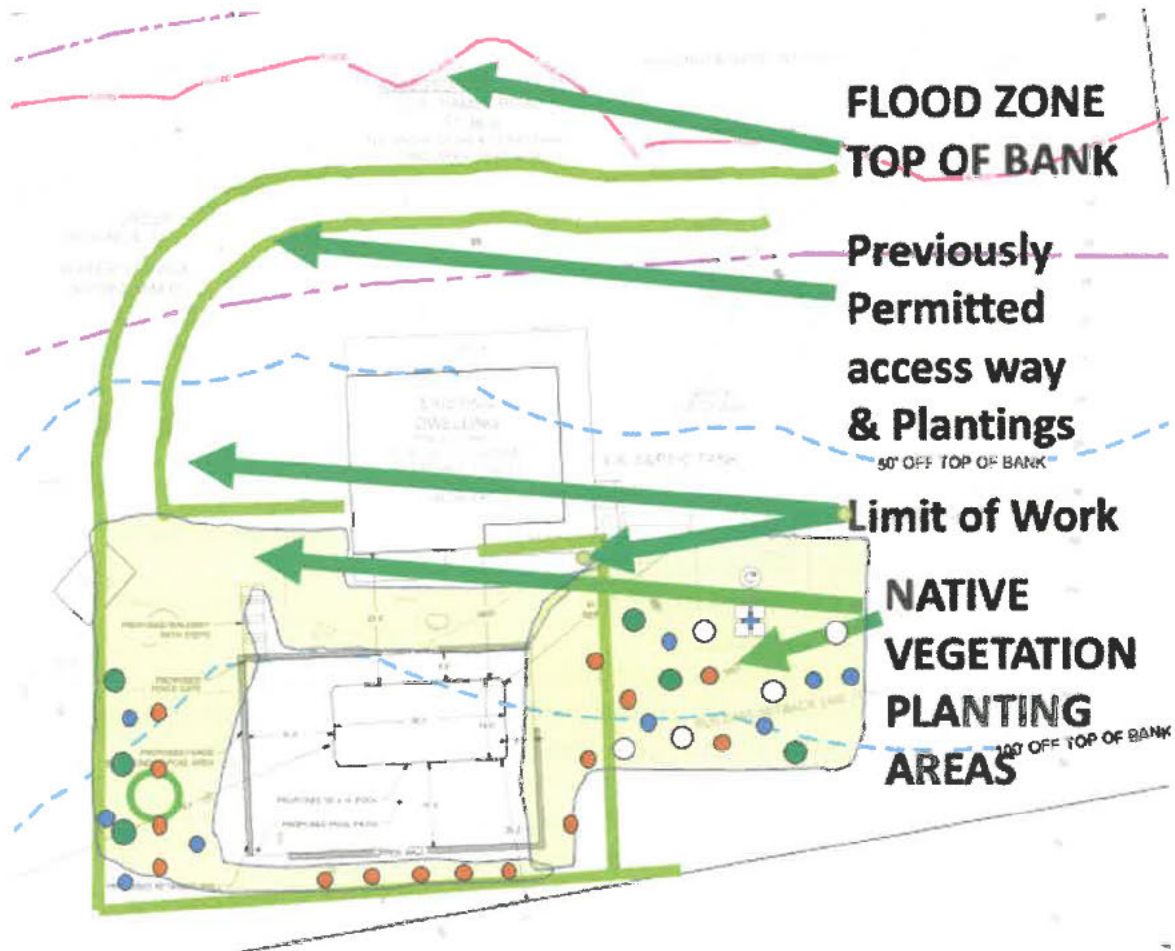
6. Safe Harbor shall coordinate a pre-activity site meeting with the prime contractor, the Commission Agent and interested parties.
7. A rubber tire mini excavator shall begin pool area excavation.
8. Response materials for unintentional petro chem discharge shall be on hand.
9. Excess overburden shall be removed from site.
10. 15 yards may remain on site for grading.
11. Fiberglass pool shall be installed.
12. Pre-cast concrete (19"x32") sections shall be set in place.
13. The patio sections shall be gently canted to direct stormwater towards drain system/
14. The precast concrete patio drain system shall be installed below grade.
15. The drain system shall be filled with 1-1/4 " stone.
16. The precast block retaining walls shall be installed.
17. Safe Harbor workers shall begin Ivy removal.
18. Safe Harbor workers shall begin native replanting, away from activity areas.
19. No herbicides, pesticides or fertilizers shall be used on site.
20. End of growing season reports shall be furnished to the Commission.
21. During the third year of the OOC, Safe Harbor shall make an assessment regarding suitability of requesting a cert of compliance.

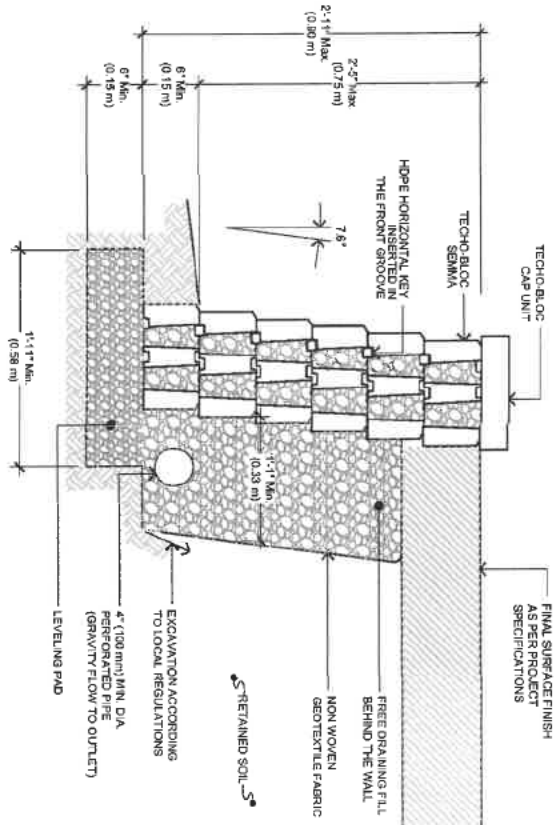
PLANTING PLAN:

1. Plantings shall be done by trained Safe Harbor workers.
2. Amendments may include: minimal loam, crushed Oyster shells; used straw Biotone.
3. Invasive English Ivy removal shall include roots/
4. Prior to seeding with Harmony mix, the seed shall be mixed with minimal loam, crushed Oyster shells; used straw and Biotone.
5. This mix may be distributed throughout the planting area by mechanical spreader.

6. Five 6 ft White Oaks (*Quercus alba*) shall be planted, per planting plan. ○
7. Six 5 gal Pitch Pines (*Pinus rigida*), shall be planted per planting plan. ●
8. Fifteen Sweet Pepperbush (*Clethra alnifolia*) shall be planted, per plan. ●
9. Ten Highbush Blueberries (*Vaccinium corymbosum*) shall be planted, per planting plan. ●
10. Limited watering may be necessary during the first growing season.

Title: Planting Plant





- NOTES:
1. THIS IS A TYPICAL NON-SITE-SPECIFIC DESIGN PROVIDED FOR PRELIMINARY PURPOSES ONLY. THIS DRAWING IS NOT FOR CONSTRUCTION. FINAL DESIGN MUST BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER USING THE ACTUAL CONDITIONS OF THE PROPOSED SITE PRIOR TO CONSTRUCTION.
 2. THE ANALYSIS WAS PERFORMED TO START THE DESIGN REQUIREMENTS OF THE WALL. THE ANALYSIS DOES NOT TAKE INTO ACCOUNT SETTLEMENTS, DIFFERENTIAL SETTLEMENTS, OR SEISMIC DESIGN.
 3. NO ANALYSIS HAS BEEN PERFORMED ON GLOBAL STABILITY, TOTAL OR DIFFERENTIAL SETTLEMENT OR SEISMIC DESIGN.
 4. FINAL WALL DESIGN MUST ADDRESS BOTH INTERNAL/EXTERNAL DRAINAGE AND ALL MODES OF WALL STABILITY. HYDROSTATIC PRESSURE HAS NOT BEEN CONSIDERED IN THE ANALYSIS.
 5. STRUCTURES SUCH AS HANDRAILS, GUARDRAILS, AND SITE CONDITIONS SUCH AS WATER, DRAINAGE, AND SOIL CONDITIONS HAVE SIGNIFICANT EFFECTS ON THE WALL DESIGN DESIGN. THESE HAVE NOT BEEN CONSIDERED IN THE ANALYSIS WHEN ACCOUNTED IN THE ANALYSIS. THE ANALYSIS RESULT IN ADDITIONAL DESIGN MEASURES (REINFORCEMENT, DRAINAGE, ETC).
 6. TECO-BLOC AND ITS PREDECESSORS, SUCCESSORS, BENEFICIARIES, EMPLOYEES, ASSOCIATES, ADMINISTRATORS, AND INSURERS ACCEPT NO LIABILITY FOR THE INCORRECT USE OF THE INFORMATION CONTAINED IN THIS TYPICAL CROSS SECTION DRAWING.
 7. FOR FURTHER INFORMATION, PLEASE CONTACT OUR TECHNICAL SERVICE DEPARTMENT.

GEORGRID DATA - MIRAGRID 3XT BY TENCATE

ULTIMATE TENSILE STRENGTH (T _u)	3500 LBS	(15.7 kN/m)
CHEMICAL DURABILITY (RFR)	1.10	
PRODUCT ON FACTORS	1.45	
LONG TERM DESIGN STRENGTH (T _{ds})	1720 LBS	(7.7 kN/m)
COEFFICIENT OF DIRECT SLIDING (C _{ds})	0.90	
INTERACTION COEFFICIENT OF SHEAR STRESS INTERACTION (CI)	0.90	

SOIL DATA

SOIL REGION	REINFORCED	RETAINED	FOUNDATION	LEVELING PAD	FREE DRAINING FILL
DESCRIPTION	N/A	CLEAN SAND / GRAVEL / SAND AND GRAVEL MIXES	CLEAN SAND / GRAVEL / SAND AND GRAVEL MIXES	WELL GRADED CRUSHED AGGREGATE	(ASTM NO. 57) 3/4" CLEAN CRUSHED STONE
INTERNAL FRICTION ANGLE	N/A	34°	34°	40°	35°
MOIST UNIT WEIGHT	N/A	120 pcf (18.95 kN/m ³)	120 pcf (18.95 kN/m ³)	140 pcf (21.39 kN/m ³)	100 pcf (15.71 kN/m ³)
EFFECTIVE COHESION					
SPECIFICATION	N/A		ALLOWABLE ALLOWABLE TO 80% OF MAXIMUM DRY DENSITY (ASTM D698) THICK MAX.		PLACED AND COMPACTED IN LIFTS OF 6" (150 mm) THICK MAX.

SEWMA (INCLINED)
 PRELIMINARY CROSS SECTION
 CLEAN SAND / GRAVEL / SAND AND GRAVEL MIXES, φ=34°
 NO SURCHARGE, NO BACKSLOPE, NO TOESLOPE
 TOTAL WALL HEIGHT: 2'-11" (0.90 m) Max.
 TECO-BLOC RETAINING WALL SYSTEMS
 TYPICAL WALL DETAILS

TECHO-BLOC
 TOLL FREE: 1877-832-4825
 WWW.TECHO-BLOC.COM

THESE GRAPHICAL REPRESENTATIONS ARE INTENDED FOR PRELIMINARY DESIGN PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION. FINAL DESIGN SHOULD BE APPROVED BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

DATE: 2020-07-28
 DRAWN BY: I.G.
 SCALE: NONE
 SHEET: 1/1
 FILE: TBFSBMAWMSA5SCH-1

Title: Locus Map



Title: USGS Map



Revisions				
REV.	DATE	BY	CHECK	DESCRIPTION

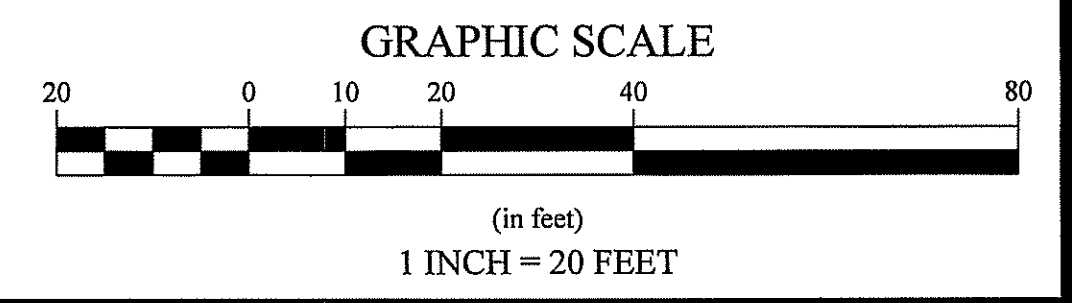
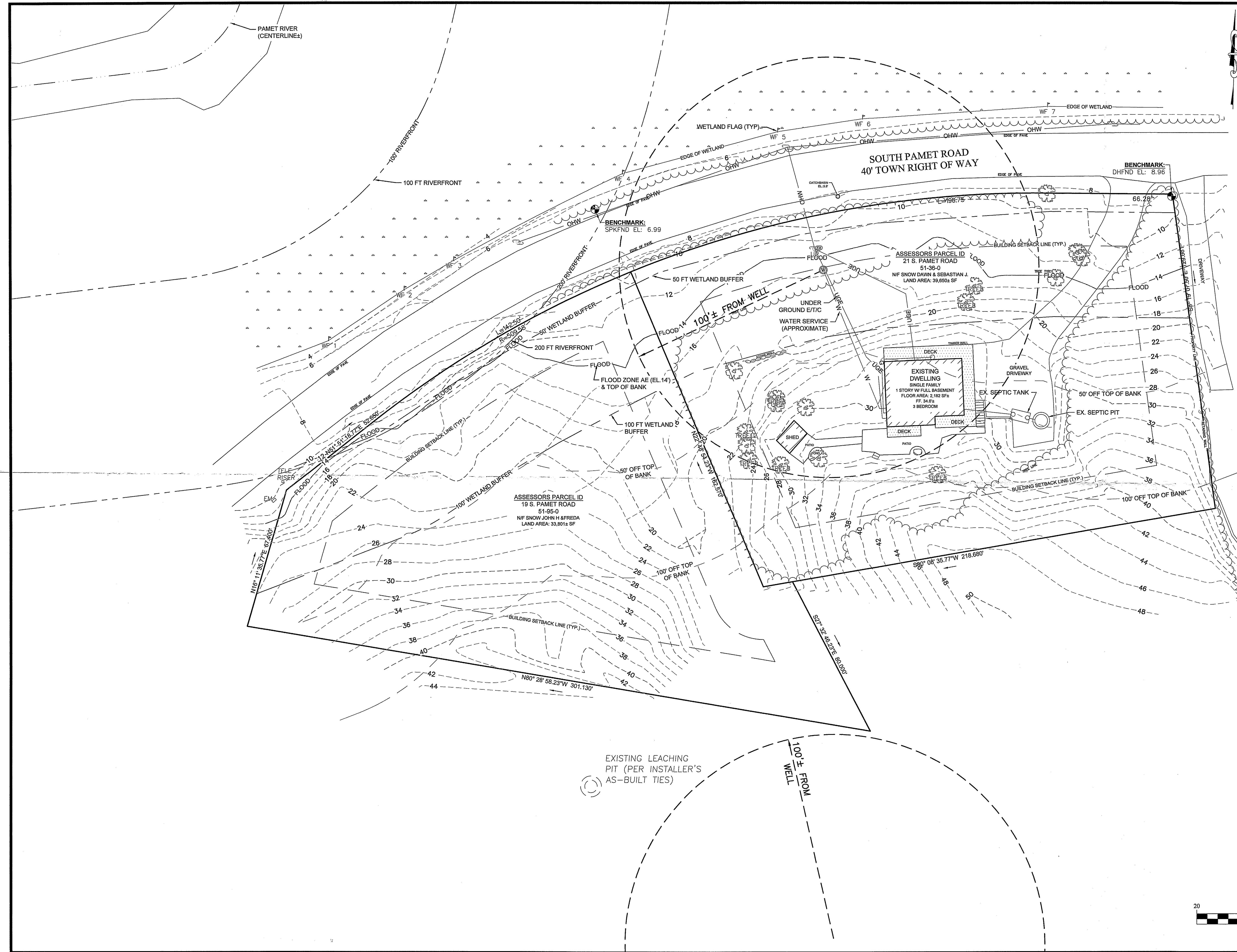
PROJECT:
 #19 & 21 SOUTH PAMET ROAD,
 TRURO, MA 02666

SHEET TITLE:
 EXISTING CONDITIONS

PREPARED FOR:
 THE COASTAL COMPANIES
 4665 ROUTE 6
 EASTHAM, MA 02642

	Project Number:	Sheet:
	22011	1 of 1
	Sheet Number:	
	EX - 1	
	Date:	
	05/05/23	

- PLAN NOTES:
- PARCEL INFORMATION
 - PLANS
BOOK 181, PG. 17
BOOK 603, PG. 68
 - DEEDS
BOOK 34791, PG. 346
BOOK 5119, PG. 075
 - ASSESSORS: MAP 51, LOT 36
 - ZONING: NATIONAL SEASHORE
 - MINIMUM SETBACK DISTANCES
FRONT: 25 FT
BACK: 25 FT
REAR: 25 FT
 - INFORMATION SHOWN FROM AN ON THE GROUND SURVEY PERFORMED BY STRONG TREE ENGINEERING NOVEMBER, 2022.
 - HORIZONTAL DATUM IS MASS STATE PLANE 1983 (MA MAINLAND 2001) AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 - WATER WELL LOCATION FROM A PLAN PREPARED BY RYDER & WILCOX, INC. ENTITLED 19 SOUTH PAMET ROAD, TRURO MA
 - SEPTIC FROM AN ASBUILT CARD PROVIDED BY THE TOWN OF TRURO BOARD OF HEALTH, DATED MARCH 1, 1995.
 - INFORMATION FOR LOT 19 TAKEN FROM A PLAN ENTITLED "WORKING PLAN, 19 SOUTH PAMET ROAD, TRURO MA" DATED MAY 27, 2021 BY RYDER & WILCOX, INC.
 - WETLAND RESOURCE DELINEATION PERFORMED BY SAFE HARBOR ENVIRONMENTAL SERVICES, NOVEMBER 2022.





**Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands**

WPA Form 1- Request for Determination of Applicability

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

Truro
City/Town



Conservation Commission
TOWN OF TRURO

JUN 12 2023

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:

Cortney Oliver & Darryl Cutter

Name

E-Mail Address

P.O. Box 1221

Mailing Address

Truro

City/Town

MA
State

02666
Zip Code

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Safe Harbor Environmental

Firm

Gordon Peabody

Contact Name

gordonpeabody@gmail.com

E-Mail Address

P.O. Box 880

Mailing Address

Wellfleet

City/Town

MA
State

02667
Zip Code

(508) 237-3724

Phone Number

Fax Number (if applicable)

B. Determinations

1. I request the Truro 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):

16 Great Pond Road	Truro
Street Address	City/Town
55	24
Assessors Map/Plat Number	Parcel/Lot Number

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

Buffer zone to a pond, partially disturbed area.

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

Site Plan of Land in Truro	March 22, 2012
Title	Date
_____	_____
Title	Date
_____	_____
Title	Date
_____	_____

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

The property owners are asking to build a 3' by 14' addition, above an existing deck. Activity will be at the edge of the 100' BZ (70 feet from the pond), above existing deck. No excavation is proposed. Pin Pier piles will be used to support the structure, which will be single story with tall (cathedral) ceiling, matching the existing house. Limit of work will be 6', alongside activity area. Planting mitigations include Low Bush Blueberry, Highbush Blueberry and Sweet Pepperbush



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).

Addition being built above an existing deck

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:

Darryl Cutter & Cortney Oliver

Name

P.O. Box 1221

Mailing Address

Truro

City/Town

MA

State

02666

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.

see auth. form

Signature of Applicant

Date

[Handwritten Signature]

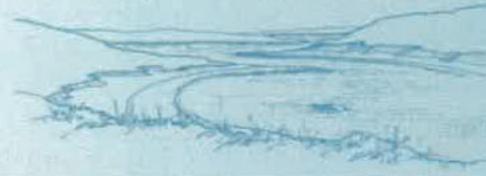
Signature of Representative (if any)

Date

JUN 12 2023

SAFE HARBOR

ENVIRONMENTAL MANAGEMENT
HABITAT RESTORATION



Date: June 12, 2023

To: Truro Conservation Commission

From: Gordon Peabody, Safe Harbor Environmental

Office: 95 Commercial St. Room 211, Wellfleet, MA, P.O. Box 880, Wellfleet, MA, 02667

Contact: email gordonpeabody@gmail.com Phone: 508-237-3724

RE: RDA Submission: Darryl Cutter & Cortney Oliver

16 Great Pond Rd., Truro, MA 02666 – Map 55 – Parcel 24

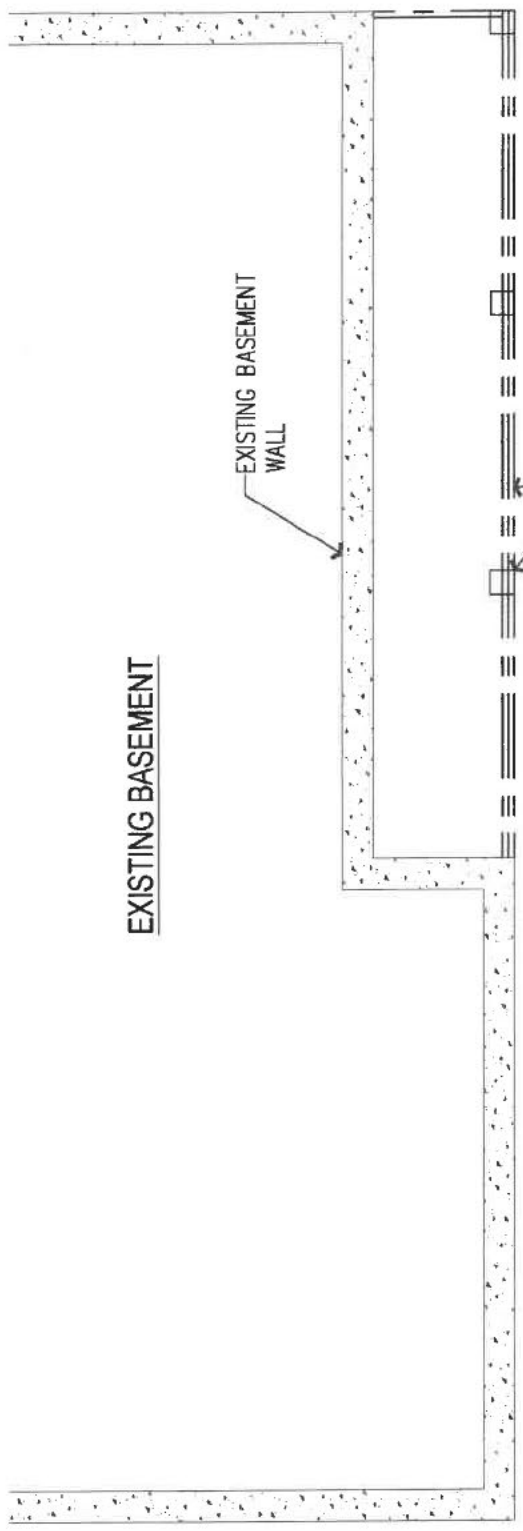
Synopsis: The property owners are asking to build a 3' by 14' addition, above an existing deck. Activity will be at the edge of the 100' BZ (70 feet from the pond), above existing deck. No excavation is proposed. Pin Pier piles will be used to support the structure, which will be single story with tall (cathedral) ceiling, matching the existing house. Limit of work will be 6', alongside activity area.

Adjacent buffer zone area (approx. 90 sqft) to be planted with: 10 Low Bush Blueberry (*Vaccinium angustifolium*) 1 gal; 4 Highbush Blueberry (*Vaccinium corymbosum*) 3 gal; 3 Sweet Pepperbush (*Clethra alnifolia*) 3 gal. All planting will be done by hand, no pesticides, herbicides or fertilizers will be used.





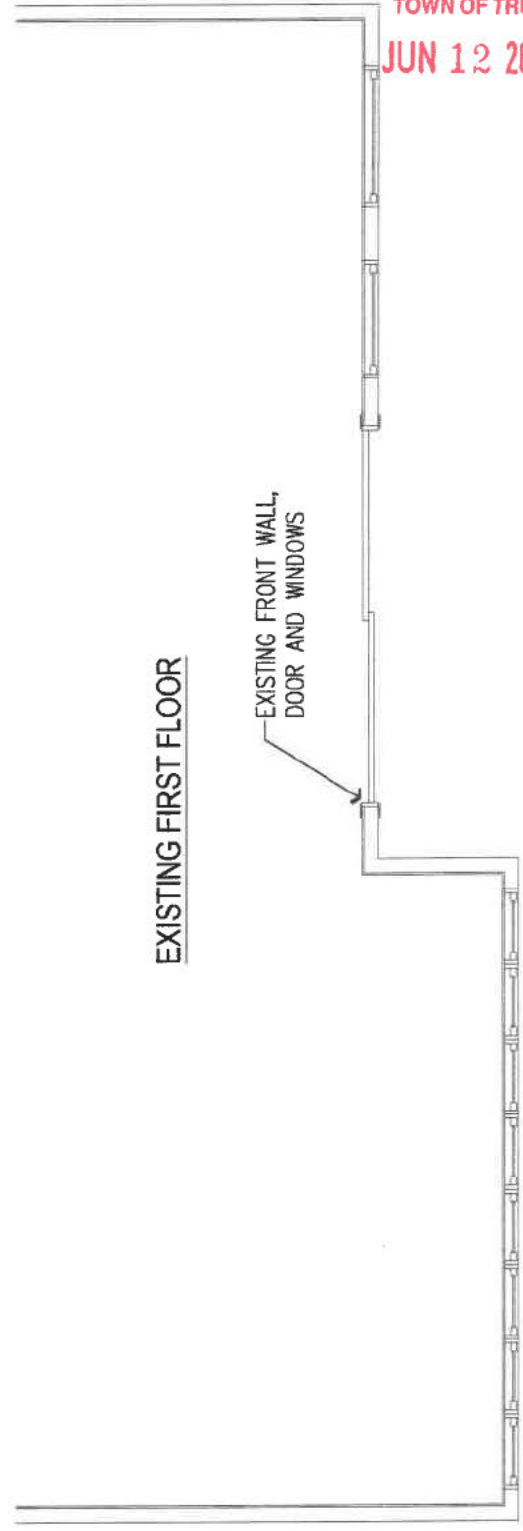
Conservation Commission
 TOWN OF TRURO
JUN 12 2023



EXISTING BASEMENT

1 EXISTING BASEMENT PLAN

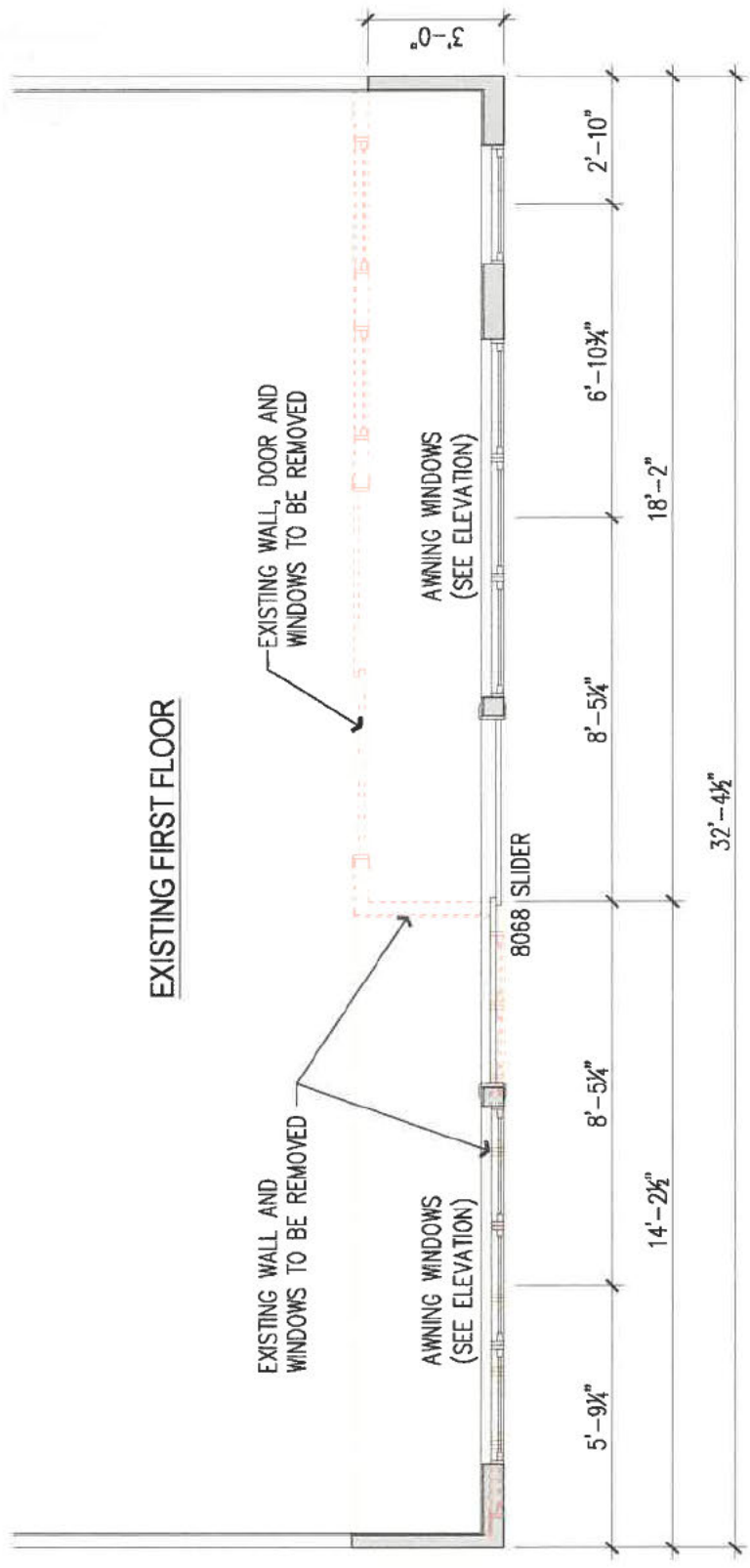
SCALE: 1/4"=1'-0"



EXISTING FIRST FLOOR

2 EXISTING FIRST FLOOR PLAN

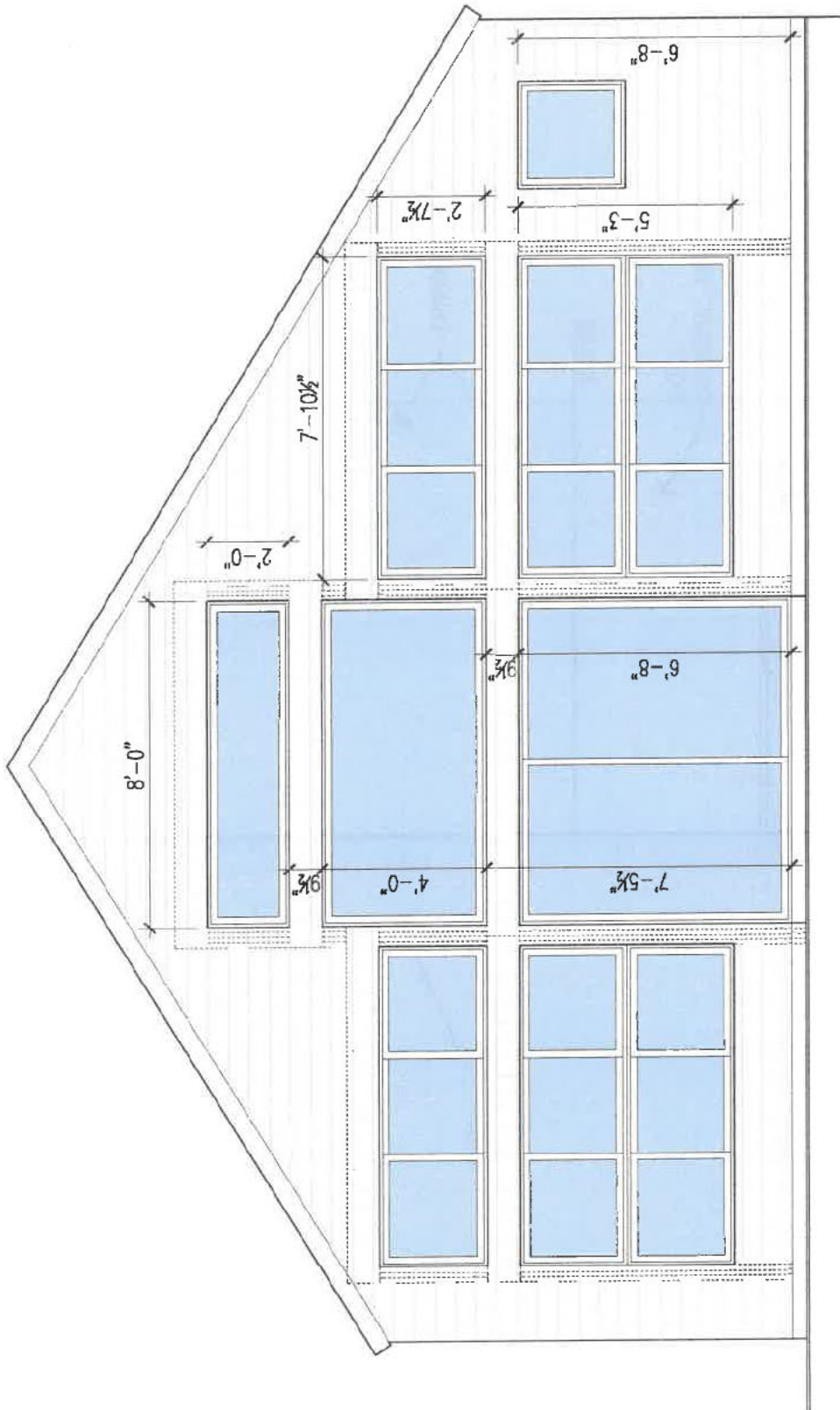
SCALE: 1/4"=1'-0"



NEW FLOOR PLAN

1

SCALE: 1/4" = 1'-0"



Conservation Commission
 TOWN OF TRURO
JUN 12 2023

ELEVATION FACING WATER

1

SCALE: 1/4" = 1' - 0"

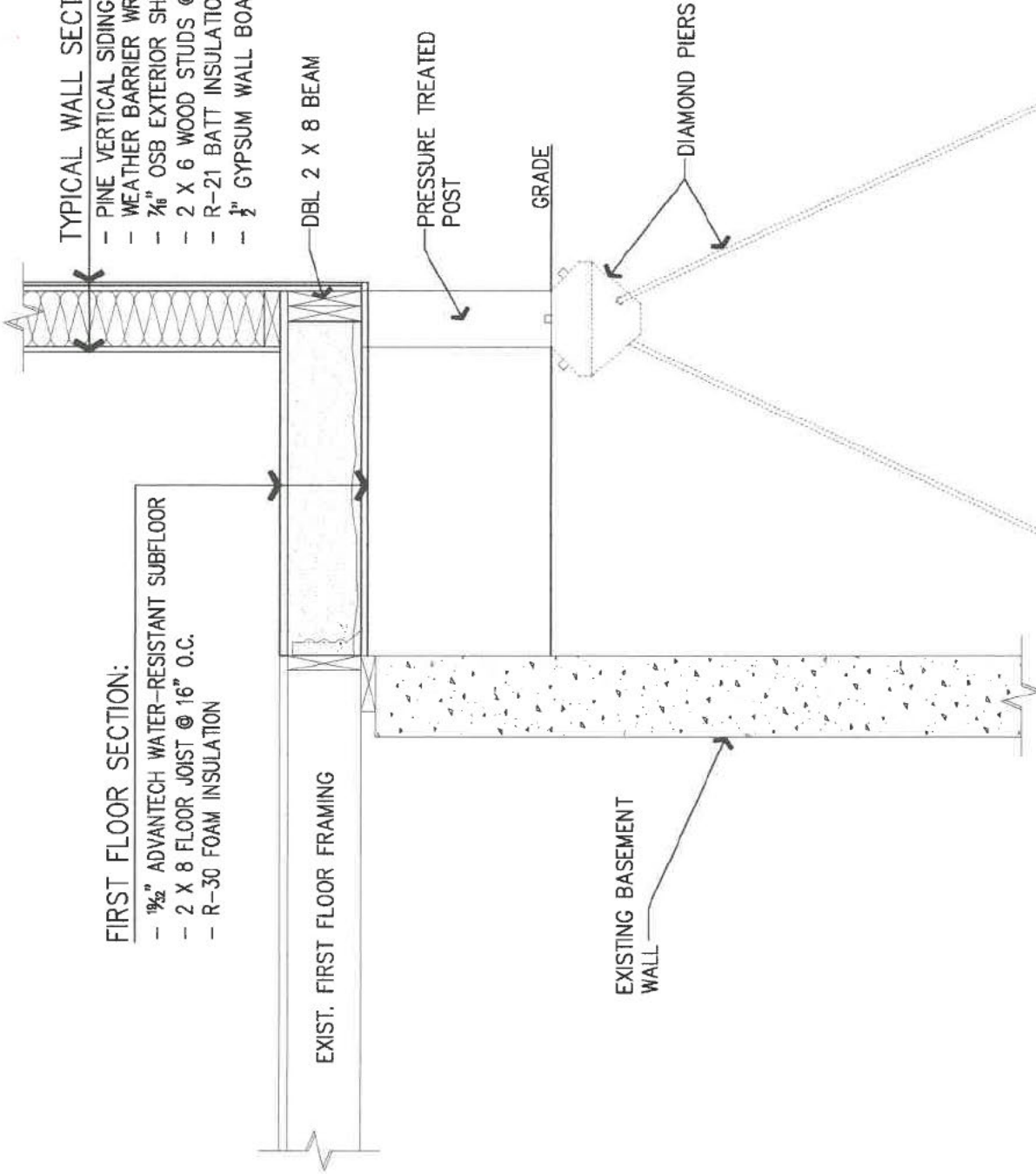


TYPICAL WALL SECTION:

- PINE VERTICAL SIDING
- WEATHER BARRIER WRAP
- 7/16" OSB EXTERIOR SHEATHING
- 2 X 6 WOOD STUDS @ 16" O.C.
- R-21 BATT INSULATION
- 1/2" GYPSUM WALL BOARD

FIRST FLOOR SECTION:

- 3/4" ADVANTECH WATER-RESISTANT SUBFLOOR
- 2 X 8 FLOOR JOIST @ 16" O.C.
- R-30 FOAM INSULATION



1 WALL SECTION

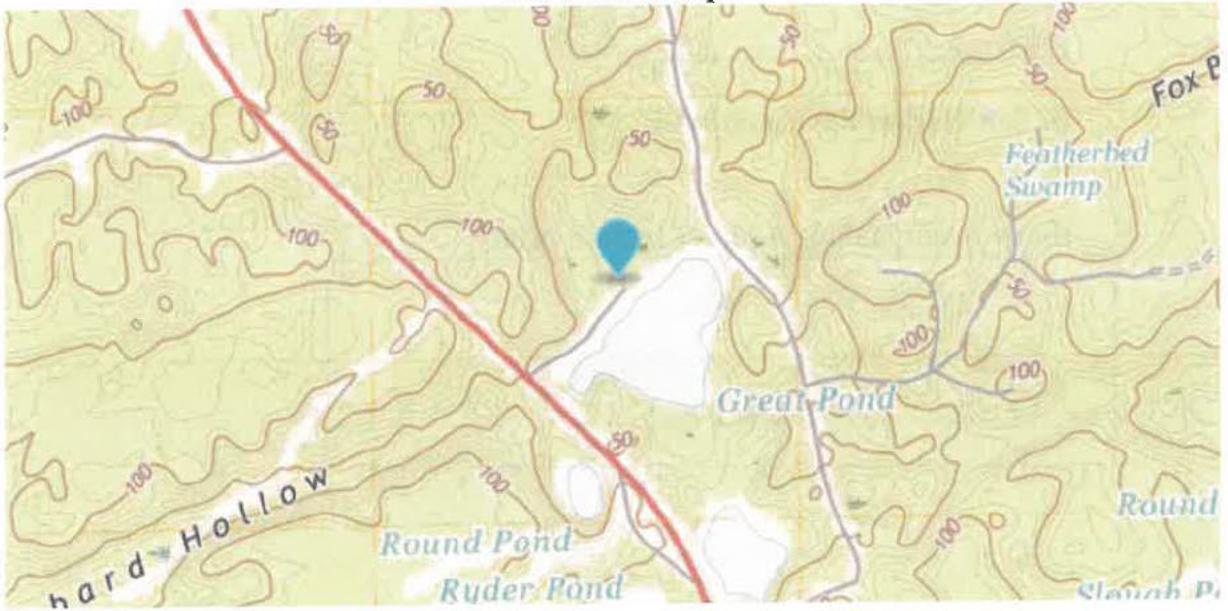
SCALE: 3/4" = 1' - 0"

JUN 12 2023

Title: Locus Map



Title: USGS Map



Title: Letter of Authorization

To: Town of Truro Conservation Commission
24 Town Hall Road
Truro, MA 02666

Re: 16 Great Pond Rd., Truro - Map 55-24, Parcel 0-R

To Whom It May Concern:

I, Barry Cutter / Courtney Oliver, owner(s) of the abovementioned property, hereby authorize Safe Harbor Environmental Services to act as the Representative of Record before the Truro Conservation Commission.

If you have any questions, please call me at 

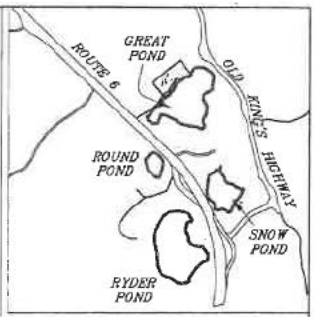
Sincerely,

Courtney Oliver

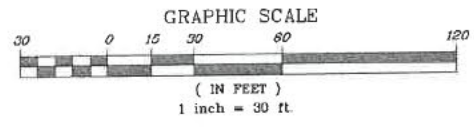
cc: Safe Harbor Environmental

Homeowner Mailing Address (please print):

16 Great Pond Rd
Box 1221
Truro, MA 02666



ASSESSORS' MAP 55, PCL. 24
 Conservation Commission
 TOWN OF TRURO
 JUN 12 2023



UPLAND = 3.09 AC ±
 LOWLAND = 1.41
 TOTAL = 4.50 AC ±

WATER ELEVATION = 5.1' 03/14/12

SITE PLAN

OF LAND IN

TRURO

MADE FOR

DARRYL S. CUTTER

&

CORTNEY L. OLIVER



Handwritten signature and date: 3/31/15

SCALE: 1"=30'
 SLADE ASSOCIATES, INC.,
 10 PINE POINT ROAD,

509-349-3110
 DATUM IS ASSUMED
 *REVISED 01/23/15
 *REVISED 02/18/15
 *REVISED 03/31/15

MARCH 22, 2012*
 REGISTERED LAND SURVEYORS
 WELFLEET, MA 02867

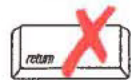
RDA Submission - 16 Great Pond Rd., Truro
 Date: June 12, 2023
 By Safe Harbor Environmental



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:

Cortney Oliver & Darryls Cutter

Name

E-Mail Address

P.O. Box 1221

Mailing Address

Truro

City/Town

MA
State

02666
Zip Code

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Safe Harbor Environmental

Firm

Gordon Peabody

Contact Name

gordonpeabody@gmail.com

E-Mail Address

P.O. Box 880

Mailing Address

Wellfleet

City/Town

MA
State

02667
Zip Code

(508) 237-3724

Phone Number

Fax Number (if applicable)

B. Determinations

1. I request the Truro 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).

Conservation Commission
TOWN OF TRURO

JUN 13 2023



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):

16 Great Pond Road	Truro
Street Address	City/Town
55	24
Assessors Map/Plat Number	Parcel/Lot Number

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

Previously disturbed area, adjacent to cottage, in buffer zone to pond.

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

Site Plan of Land in Truro	March 22, 2012
Title	Date
_____	_____
Title	Date
_____	_____
Title	Date

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

The owners are requesting permission to fill in an abandoned septic tank in the buffer zone to a pond. The septic tank will be pumped dry. A mini excavator will be used to fill tank with clean sand. The disturbed area to be replanted with: 6 Low Bush Blueberry (*Vaccinium angustifolium*) 1 gal; 2 Sweet Pepperbush (*Clethra alnifolia*) 3 gal; Crinkle Hairgrass (*Deschampsia flexuosa*) seeding. All planting will be done by hand, no pesticides, herbicides or fertilizers will be used.



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).

Filling in of abandoned septic tank

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:

Darryl Cutter & Cortney Oliver

Name

P.O. Box 1221

Mailing Address

Truro

City/Town

MA

State

02666

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.

see auth. form

Signature of Applicant

Date

[Handwritten Signature]

Signature of Representative (if any)

Date

JUN 12 2023

SAFE HARBOR

ENVIRONMENTAL MANAGEMENT
HABITAT RESTORATION



Date: June 12, 2023

To: Truro Conservation Commission

From: Gordon Peabody, Safe Harbor Environmental

Office: 95 Commercial St. Room 211, Wellfleet, MA, P.O. Box 880, Wellfleet, MA, 02667

Contact: email gordonpeabody@gmail.com Phone: 508-237-3724

RE: RDA Submission: Darryl Cutter & Cortney Oliver

16 Great Pond Rd., Truro, MA 02666 – Map 55 – Parcel 24

Synopsis: The owners are requesting permission to fill in an abandoned septic tank in the buffer zone to a pond. The septic tank will be pumped dry. A mini excavator will be used to fill tank with clean sand. The disturbed area to be replanted with: 6 Low Bush Blueberry (*Vaccinium angustifolium*) 1 gal; 2 Sweet Pepperbush (*Clethra alnifolia*) 3 gal; Crinkle Hairgrass (*Deschampsia flexuosa*) seeding. All planting will be done by hand, no pesticides, herbicides or fertilizers will be used.

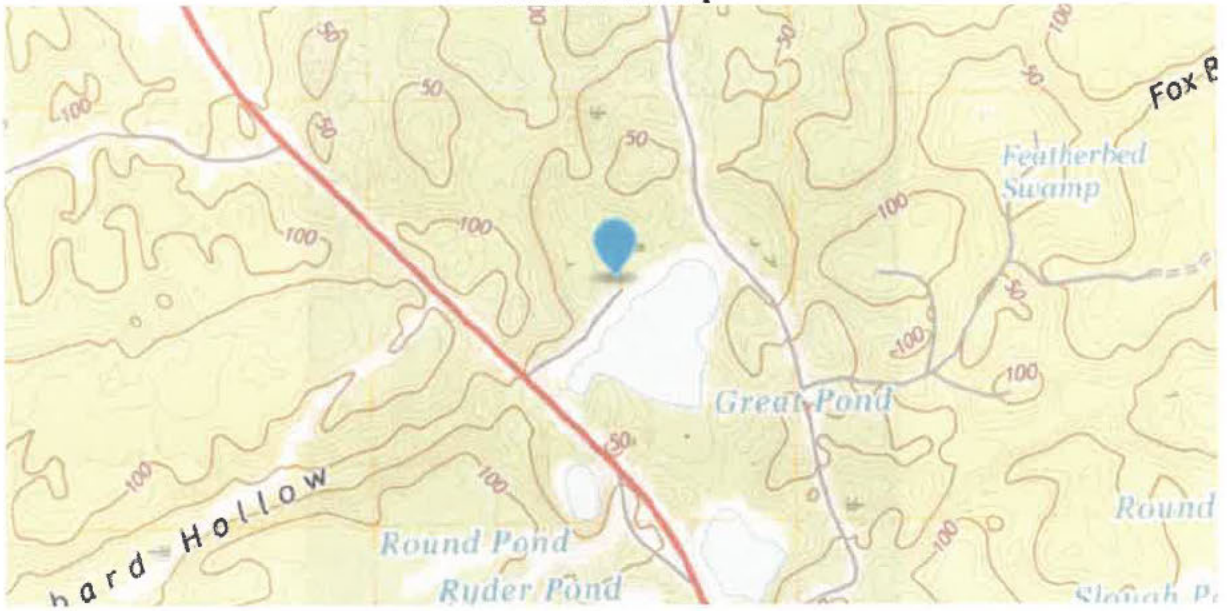


Cover of abandoned septic tank

Title: Locus Map



Title: USGS Map




Title: Letter of Authorization

To: Town of Truro Conservation Commission
24 Town Hall Road
Truro, MA 02666

Re: 16 Great Pond Rd., Truro - Map 55-24, Parcel 0-R

To Whom It May Concern:

I, Darryl Cutter / Courtney Oliver, owner(s) of the abovementioned property, hereby authorize Safe Harbor Environmental Services to act as the Representative of Record before the Truro Conservation Commission.

If you have any questions, please call me at 

Sincerely,

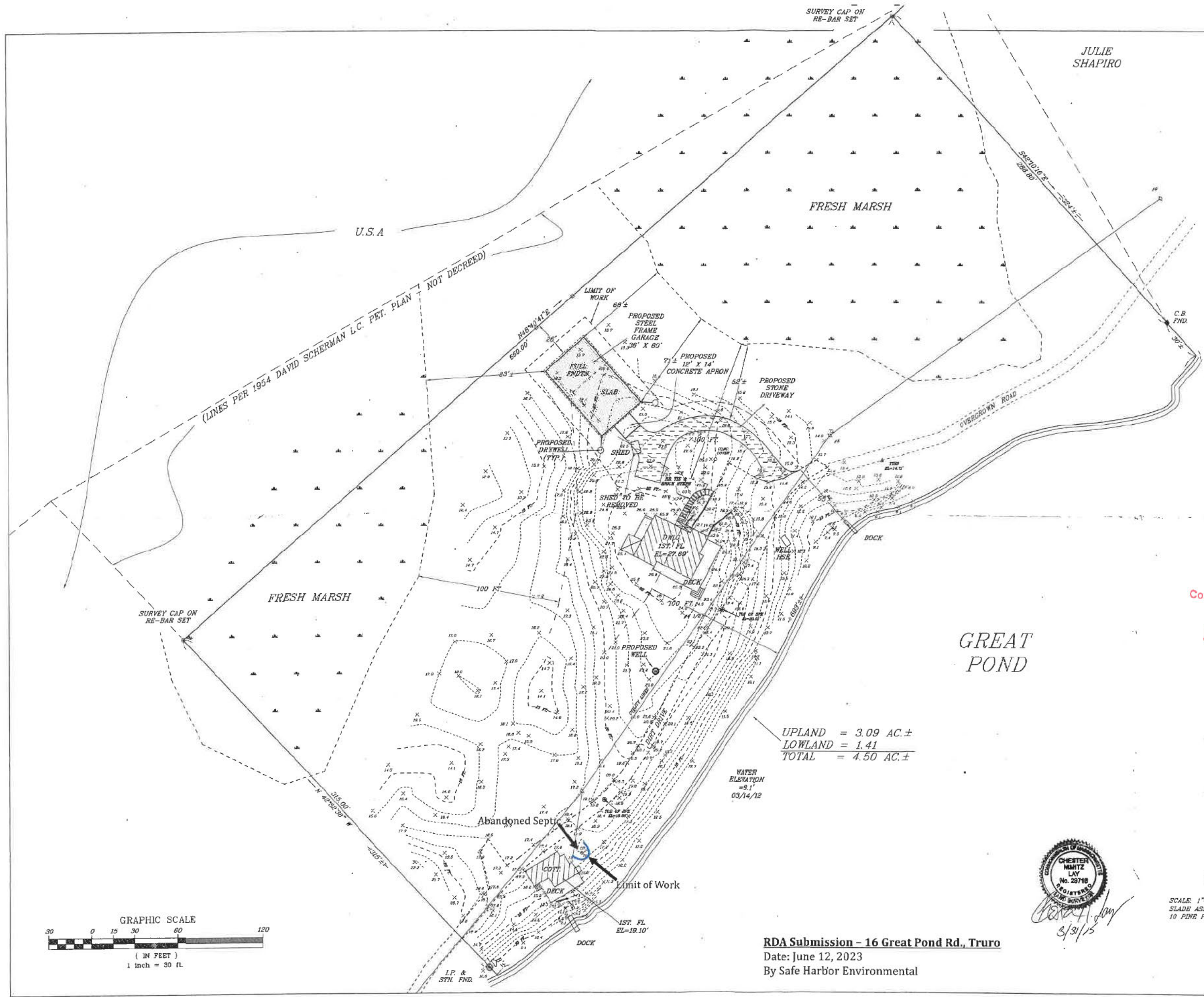
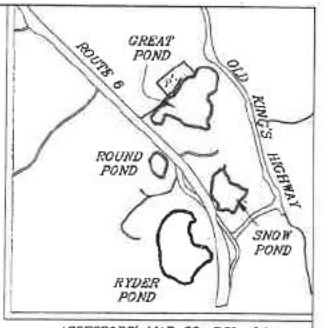
Courtney Oliver

cc: Safe Harbor Environmental

Conservation Commission
TOWN OF TRURO
JUN 13 2020

Homeowner Mailing Address (please print):

16 Great Pond Rd
Box 1221
Truro, MA 02666



Conservation Commission
TOWN OF TRURO
JUN 13 2023

UPLAND = 3.09 AC. ±
LOWLAND = 1.41
TOTAL = 4.50 AC. ±

SITE PLAN
OF LAND IN
TRURO
MADE FOR
DARRYL S. CUTTER
&
CORTNEY L. OLIVER

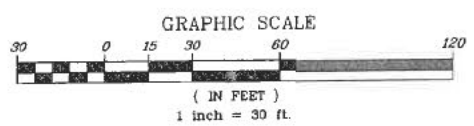


SCALE: 1"=30'
SLADE ASSOCIATES, INC.
10 PINE POINT ROAD,

MARCH 22, 2012
REGISTERED LAND SURVEYORS
WELLFLEET, MA 02687

508-348-3110
DATUM IS ASSUMED
*REVISED 01/23/15
*REVISED 02/18/15
*REVISED 03/31/15

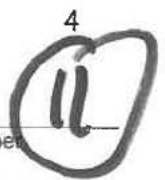
RDA Submission - 16 Great Pond Rd., Truro
Date: June 12, 2023
By Safe Harbor Environmental





Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

Provided by MassDEP:



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
 Conservation Commission
TOWN OF TRURO

MassDEP File Number

Document Transaction Number

Truro

City/Town

JUN 05 2023

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



Note:
 Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

392 Shore Road _____ Truro _____ 02666
 a. Street Address b. City/Town c. Zip Code

Latitude and Longitude: _____
 d. Latitude e. Longitude

26 _____ 10 _____
 f. Assessors Map/Plat Number g. Parcel /Lot Number

2. Applicant:

Richard S. _____ Goldberg _____
 a. First Name b. Last Name

_____ _____
 c. Organization

95 Mill Hill Road _____
 d. Street Address

Wellfleet _____ MA _____ 02667
 e. City/Town f. State g. Zip Code

_____ _____
 i. Fax Number j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

_____ _____
 a. First Name b. Last Name

_____ _____
 c. Organization

_____ _____
 d. Street Address

_____ _____ _____
 e. City/Town f. State g. Zip Code

_____ _____ _____
 h. Phone Number i. Fax Number j. Email address

4. Representative (if any):

Paul _____ Shea _____
 a. First Name b. Last Name

IEC _____
 c. Company

162 West Long Pond Road _____
 d. Street Address

Plymouth _____ MA _____ 02360
 e. City/Town f. State g. Zip Code

508-274-0310 _____ paulshea162@gmail.com
 h. Phone Number i. Fax Number j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$110.00 _____ \$42.50 _____ \$67.50 _____
 a. Total Fee Paid b. State Fee Paid c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

Truro

City/Town

A. General Information (continued)

6. General Project Description:

Proposed installation of new innovative technology septic system at 392 Shore Road, Beach Pont, Truro, MA. This project is a Title 5 upgrade and improvement to the property. This coastal property borders on Cape Cod Bay, within a Barrier Beach..

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

- 1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Barnstable

a. County

b. Certificate # (if registered land)

c. Book

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

PROJECT DESCRIPTION – 392 Shore Road, Truro, MA

The proposed project by the applicant includes a Title 5 upgrade within the residential property located at 392 Shore Road in Truro. The property is an ocean front property bordering on the marine waters of Cape Cod Bay. The applicant proposes the use of a new innovative technology septic system to replace the existing old septic system (cesspool) located within the property.

The subject property contains the following wetland resource areas: Land Under Ocean (Cape Cod Bay), Land Containing Shellfish & Fisheries, Coastal Beach, Coastal Dune, Land Subject to Coastal Storm Flowage (FEMA 100 year flood zone), Barrier Beach, 50' buffer zone and 100' buffer zone.

The property contains an existing residential house (392), deck, and concrete wall with stairs to the coastal beach and Cape Cod Bay. The entire property is located within a Barrier Beach. The proposed project includes removal of the existing cesspool, and the installation of a new alternative technology septic system (Microfast system) for the property. The proposed septic system will be sited in an upland area of land as close to Shore Road as possible, within the area of highest topography within the property, and as far away from the marine waters of Cape Cod Bay as possible. The new alternative technology septic system will provide enhanced treatment of septic waste, which will result in improved conditions within the local groundwater supply, and the existing wetland resource areas. The elimination of the old cesspool at this site, and the installation of the new innovative technology septic system will result in better treatment of septic flows, and improved conditions to the subject wetland resource areas within this section of Truro.

The proposed project will result in positive impacts to the subject wetland resource areas including the marine waters of Cape Cod Bay. The proposed project meets the performance standards of the Wetlands Protection Act.

The proposed installation of the new septic system will occur during the winter season.

INDEPENDENT ENVIRONMENTAL CONSULTANTS, INC.
162 West Long Pond Road, Plymouth, MA 02360
508-274-0310

October 30, 2021

William N. Rogers II, P.E.
William N. Rogers Engineers
P.O. Box 631
Provincetown, MA 02657

Re: 394 & 392 Shore Road (Lots 25, 26), Truro, MA

Mr. Rogers,

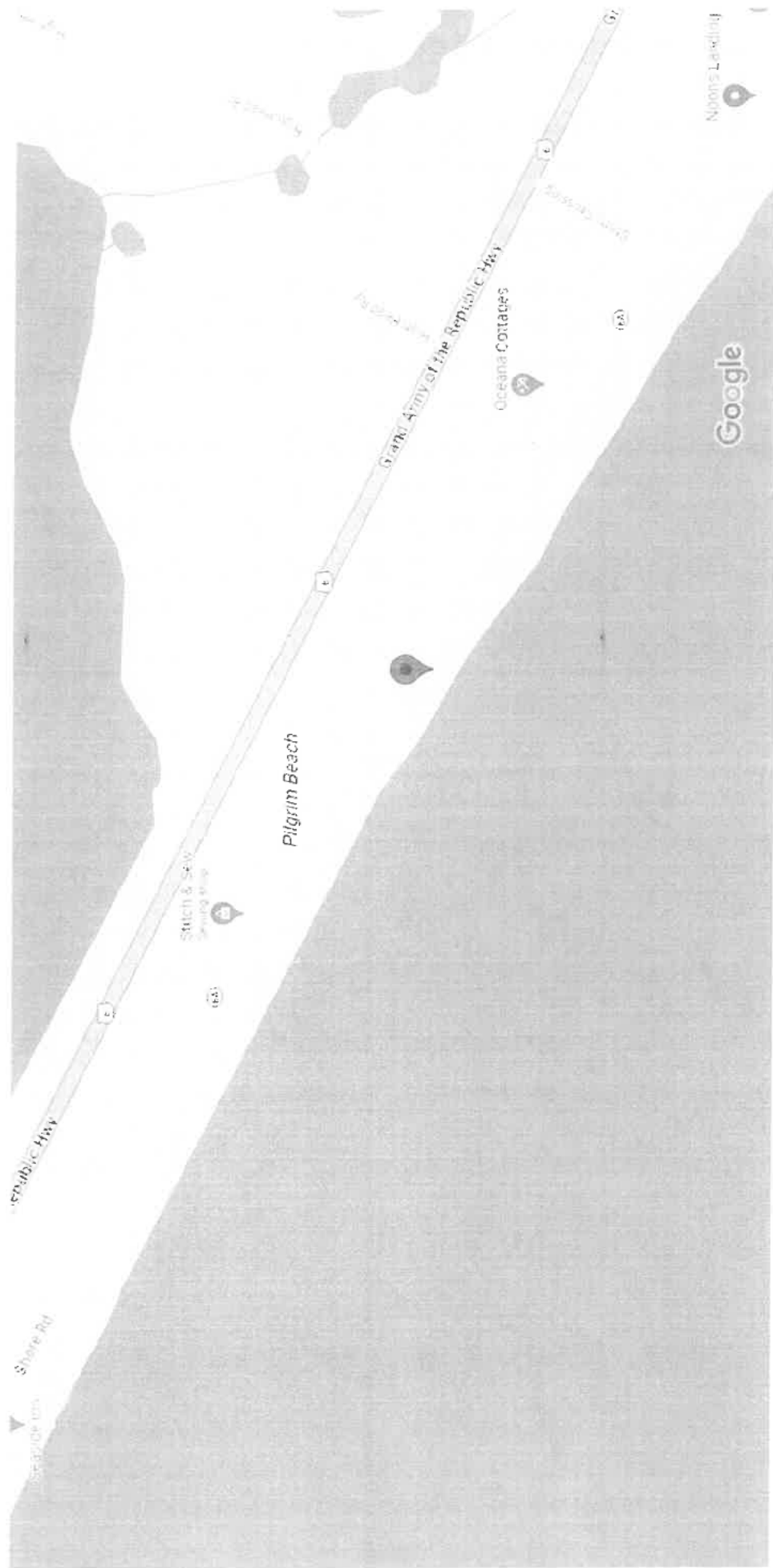
This letter is an environmental assessment report prepared by Independent Environmental Consultants, Inc. (IEC) concerning the above mentioned coastal properties located at 394 & 392 Shore Road in Truro. A site inspection of the properties was done on 10-29-21 to delineate the boundaries of coastal wetland resource areas within the properties. This site inspection occurred during the fall season.

The subject properties border on the coastal/marine waters of Cape Cod Bay. Each property contains an existing residential house, and an existing concrete seawall structure located on the water side of the properties, which is located adjacent to a Coastal Beach, and the tidal waters of Cape Cod Bay. IEC has delineated the edge of the seawall with the flags B1 – B7. Both properties are located within Land Subject to Coastal Storm Flowage, a FEMA 100 year flood zone. A section of the properties may be located within a FEMA Velocity Flood Zone. The property at 392 Shore Road contains a vegetated Coastal Dune, located seaward of the existing house. IEC has delineated the landward limits of the Coastal Dune with the flags C1 – C3. This Coastal Dune is located adjacent to the existing house at 392 Shore Road. This Coastal Dune continues off property. There is a 50' buffer zone and 100' buffer zone associated with the landward limit of the Coastal Dune. Sections of these properties may be classified as Estimated Habitat & Priority Habitat of Endangered & Rare Species by NHESP.

The coastal wetland resource areas and wetland buffer zones are under the jurisdiction of the Truro Conservation Commission and DEP Wetlands SERO.

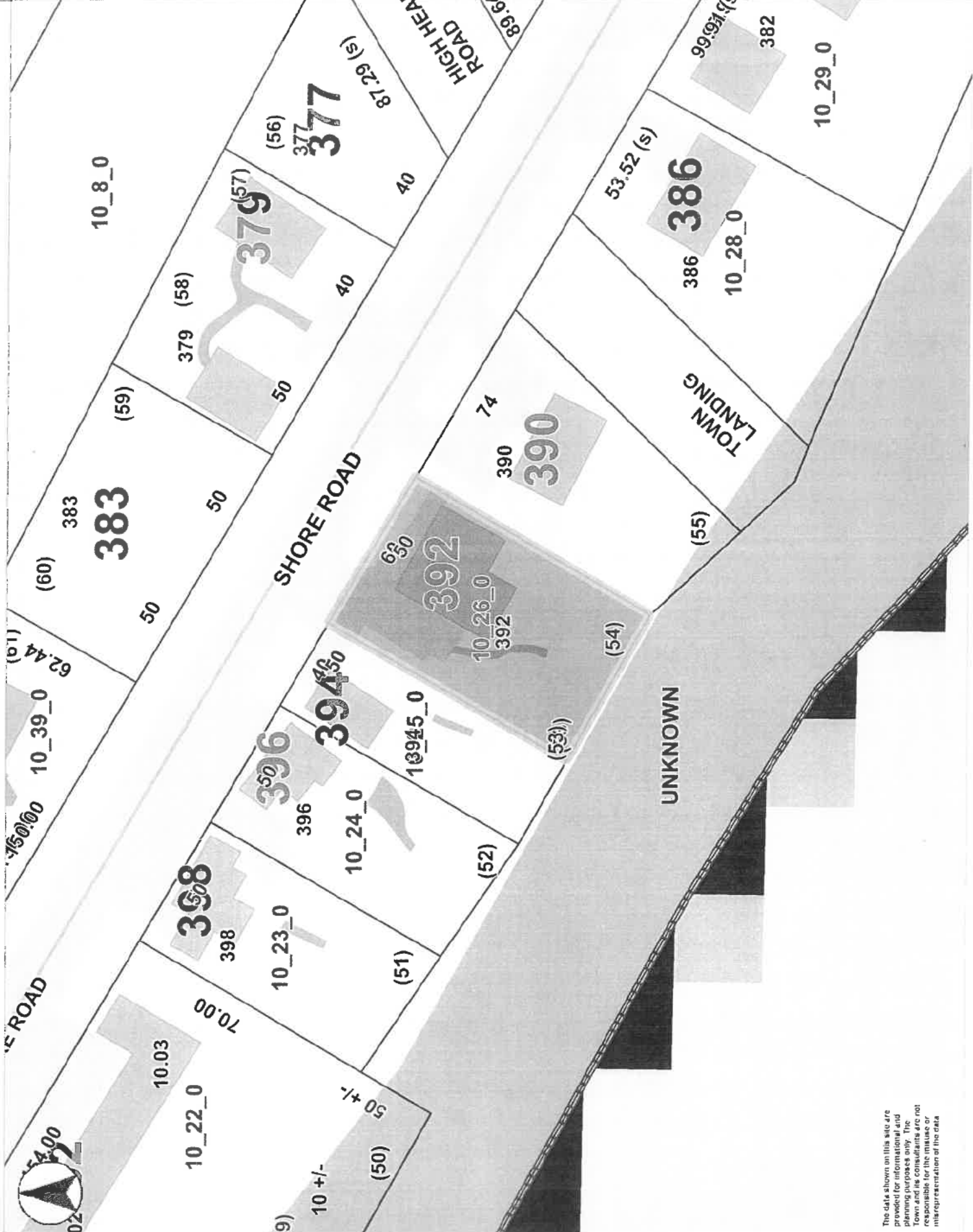
Paul J. Shea, PWS
President

Google Maps Historic District



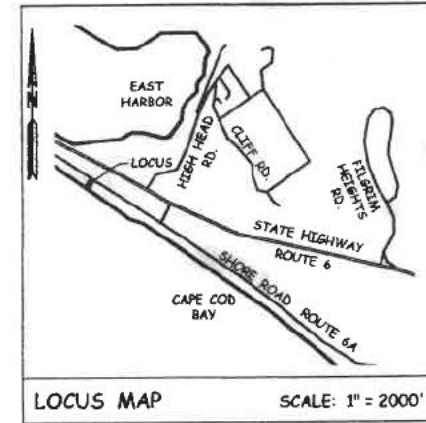
Map data ©2023 200 ft

- Parcels
- Buildings
- Sidewalks
- Street Pavement
- Town Boundary
- MA Highways
- Interstate
- US Highway
- Numbered Route
- Street Centerlines
- Abutting Towns Labels
- Abutting Towns
- Waterbodies
- Major Streams
- Town Mask
- Bath Donutz
- 0-5 ft
- 5-10 ft
- 10-15 ft
- 15-20 ft
- 20-30 ft
- 30-40 ft
- 40-50 ft
- 50-60 ft
- 60-70 ft
- 70+ ft
- Bathymetry
- 0-5 ft
- 5-10 ft
- 10-15 ft
- 15-20 ft
- 20-30 ft
- 30-40 ft
- 40-50 ft
- 50-60 ft
- 60-70 ft
- 70+ ft
- Background

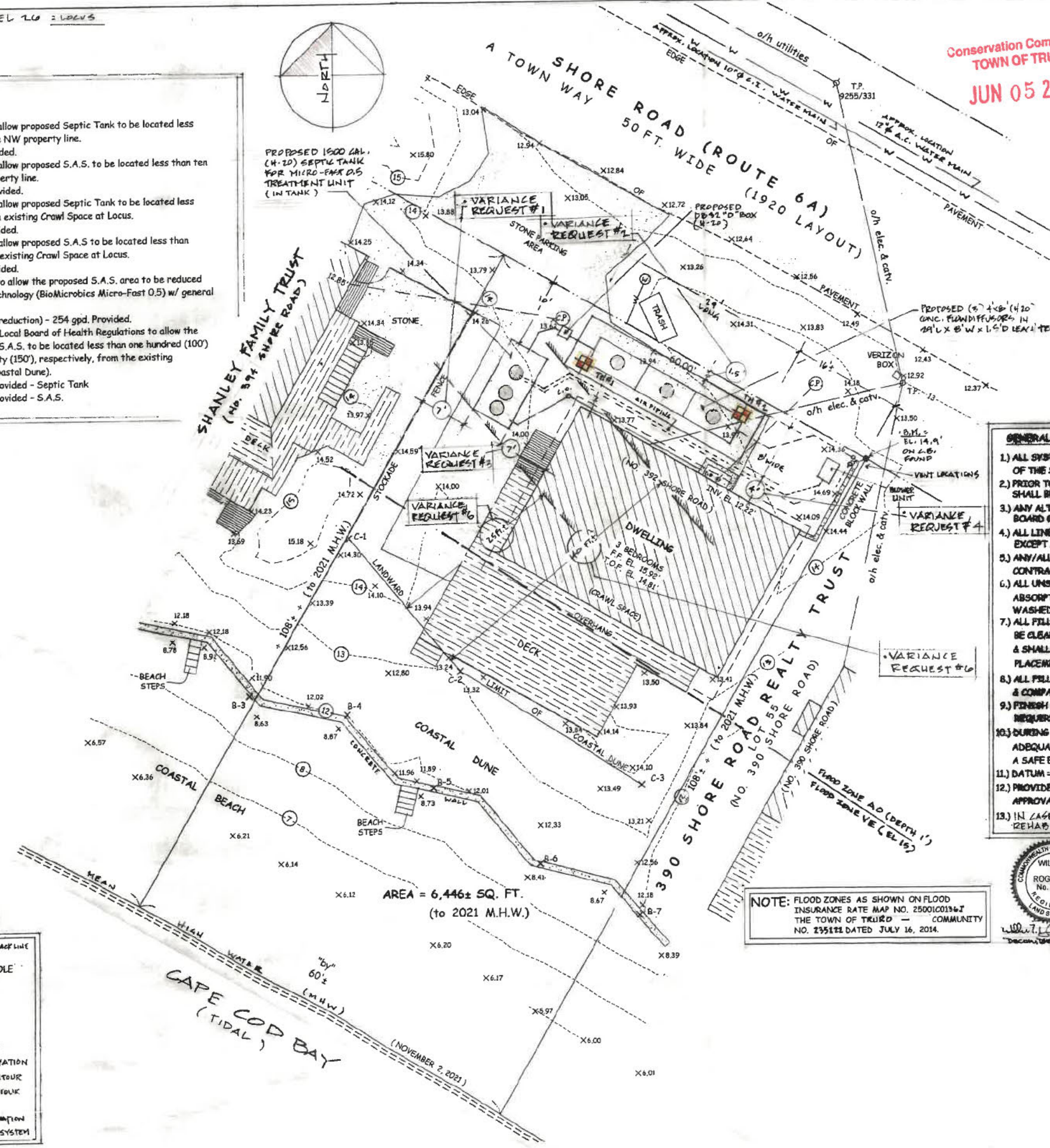


The data shown on this site are provided for informational purposes only. The Town and its employees are not responsible for the misuse or misrepresentation of the data.

Conservation Commission
TOWN OF TRURO
JUN 05 2023



- Variance Requests:**
- From 310 CMR 15.211(1) to allow proposed Septic Tank to be located less than ten (10) feet from the NW property line.
10 ft. Required - 7 ft. Provided.
 - From 310 CMR 15.211(1) to allow proposed S.A.S. to be located less than ten (10) feet from the NE property line.
10 ft. Required - 1.5 ft. Provided.
 - From 310 CMR 15.211(1) to allow proposed Septic Tank to be located less than twenty (20) feet from existing Crawl Space at Locus.
20 ft. Required - 7 ft. Provided.
 - From 310 CMR 15.211(1) to allow proposed S.A.S. to be located less than twenty (20) feet from the existing Crawl Space at Locus.
20 ft. Required - 4 ft. Provided.
 - Per 310 CMR 15.405 (1)(c) to allow the proposed S.A.S. area to be reduced by 25% with Innovative Technology (BioMicrobics Micro-Fast 0.5) w/ general use approval.
248 gpd. Required (w/25% reduction) - 254 gpd. Provided.
 - Per Section 6, Article 9 of Local Board of Health Regulations to allow the proposed Septic Tank, and S.A.S. to be located less than one hundred (100) feet & one hundred and fifty (150'), respectively, from the existing Resource Area Wetland (Coastal Dune).
100 ft. Required - 25 ft. Provided - Septic Tank
150 ft. Required - 40 ft. Provided - S.A.S.



NOTE: B-Tx DENOTES TYP. WETLAND FLAG LOCATION.

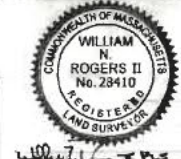
NOTE: BOUNDARY OF THE WETLAND RESOURCE AREAS WERE DETERMINED IN THE FIELD WITH THE ASSISTANCE OF PAUL J. SHEA, P.W.S., INDEPENDENT ENVIRONMENTAL CONSULTANTS ON OCTOBER 29, 2021.

REFER TO SHEET S.2 FOR DESIGN DATA

- GENERAL NOTES:**
- ALL SYSTEM COMPONENTS SHALL BE INSTALLED IN ACCORDANCE W/ TITLE 5 OF THE SANITARY CODE & ANY APPLICABLE REGULATIONS.
 - PRIOR TO BACKFILLING THE INSTALLATION, THE ENGINEER & HEALTH AGENT SHALL BE NOTIFIED FOR INSPECTION.
 - ANY ALTERATIONS TO THIS DESIGN MUST BE APPROVED BY THE ENGINEER & BOARD OF HEALTH, IN WRITING.
 - ALL LINES SHALL BE 4" DIA. SCH. 40 PVC PIPE PITCHED 0.030'/FT. MINIMUM, EXCEPT AS NOTED.
 - ANY/ALL UNDERGROUND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO SYSTEM INSTALLATION. (CONTACT DIG SAFE)
 - ALL UNSUITABLE MATERIAL WITHIN 5 FT. IN ALL DIRECTIONS FROM THE SOIL ABSORPTION SYSTEM SHALL BE REMOVED & REPLACED W/CLEAN, COARSE WASHED SAND.
 - ALL FILL MATERIAL UTILIZED FOR THE SOIL ABSORPTION SYSTEM SHALL BE CLEAN, COARSE, WASHED SAND FREE FROM DELETERIOUS MATERIAL & SHALL HAVE A PERC. RATE OF LESS THAN 2 MIN/IN. BEFORE & AFTER PLACEMENT.
 - ALL FILL SERVICING THE SOIL ABSORPTION SYSTEM SHALL BE PROPERLY PLACED & COMPACTED TO MINIMIZE SETTLEMENT.
 - FINISH GRADES SHALL COMPLY W/MINIMUM COVER & SLOPE SETBACK REQUIREMENTS OF TITLE 5.
 - DURING INSTALLATION, THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ADEQUATE PROTECTION TO ADJUTING PROPERTIES & TO MAINTAIN A SAFE EXCAVATION AREA.
 - DATUM = 1988 N.A.V.D.
 - PROVIDE SHOP DWGS. OF ALL PRECAST COMPONENTS FOR ENGINEERS APPROVAL - PER ENGINEERS REQUEST.
 - IN CASE OF FAILURE, THE LEACHING TRENCH SHALL BE REMOVED, REHABILITATED & REPLACED IN THE SAME LOCATION.

- LEGEND:**
- S.S.L. = SEWER SETBACK LINE
 - C.O. = CLEAN OUT
 - D.M.H. = DRAINAGE MANHOLE
 - M.H. = MANHOLE
 - S.M.H. = SEWER MANHOLE
 - ⊗ = WATER GATE
 - T.P. = UTILITY POLE
 - U/S = UNDERGROUND
 - L.P. = LIQUID PROPANE
 - o/h = OVER HEAD
 - NO. 04X = EXISTING SPOT ELEVATION
 - ⑭ = PROPOSED CONTOUR
 - ⑩ = EXISTING CONTOUR
 - WF = WETLAND FLAG
 - 15/5 = PROPOSED SPOT ELEVATION
 - S.A.S. = SOIL ABSORPTION SYSTEM

NOTE: FLOOD ZONES AS SHOWN ON FLOOD INSURANCE RATE MAP NO. 25001C0134J THE TOWN OF TRURO - COMMUNITY NO. 235121 DATED JULY 16, 2014.



PLAN OF LAND
IN
(NORTH) TRURO
DEPICTING A
SANITARY SUBSURFACE SEWAGE
DISPOSAL SYSTEM IMPROVEMENT

AS PREPARED FOR
RICHARD S. GOLDBERG
(No. 392 SHORE ROAD)
SCALE: 1" = 10'-0" NOVEMBER, 2022

WILLIAM N. ROGERS
PROFESSIONAL
CIVIL ENGINEERS & LAND SURVEYORS
41 OFF CEMETERY ROAD, PROVINCETOWN, MASS.
508.487.2665 / 508.487.5809 FAX

S.1

JUN 07 2023



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

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

Municipality

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: Susan Connolly
 First Name Last Name
PO Box 217
 Address
North Truro MA 02652
 City/Town State Zip Code
617-935-1565
 Phone Number

2. Property Owner (if different from Applicant):
 First Name Last Name
 Address
 City/Town State Zip Code
 Phone Number Email Address (if known)

3. Representative (if any)
Mariellen Serena
 First Name Last Name
 Company Name
838 Commercial Street
 Address
Provincetown MA 02657
 City/Town State Zip Code
 Phone Number

B. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):
582 Shore Road North Truro
 Street Address City/Town
42.0578880 -70.1385890
 Latitude (Decimal Degrees Format with 5 digits after decimal Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX)
5 23
 Assessors' Map Number Assessors' Lot/Parcel Number

How to find Latitude and Longitude

and how to convert to decimal degrees

b. Area Description (use additional paper, if necessary):
Under a deck and Porch. Sand, dirt, no vegetation... Disturbed area.

c. Plan and/or Map Reference(s): (use additional paper if necessary)
Building Plans 3.23.23
 Title Date
Google Maps 6.6.2023
 Title Date



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

Municipality

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

B. Project Description (cont.)

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

Please see attached.

B. PROJECT DESCRIPTION 2. a.

Areas 1, 2, 3.

- 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.)

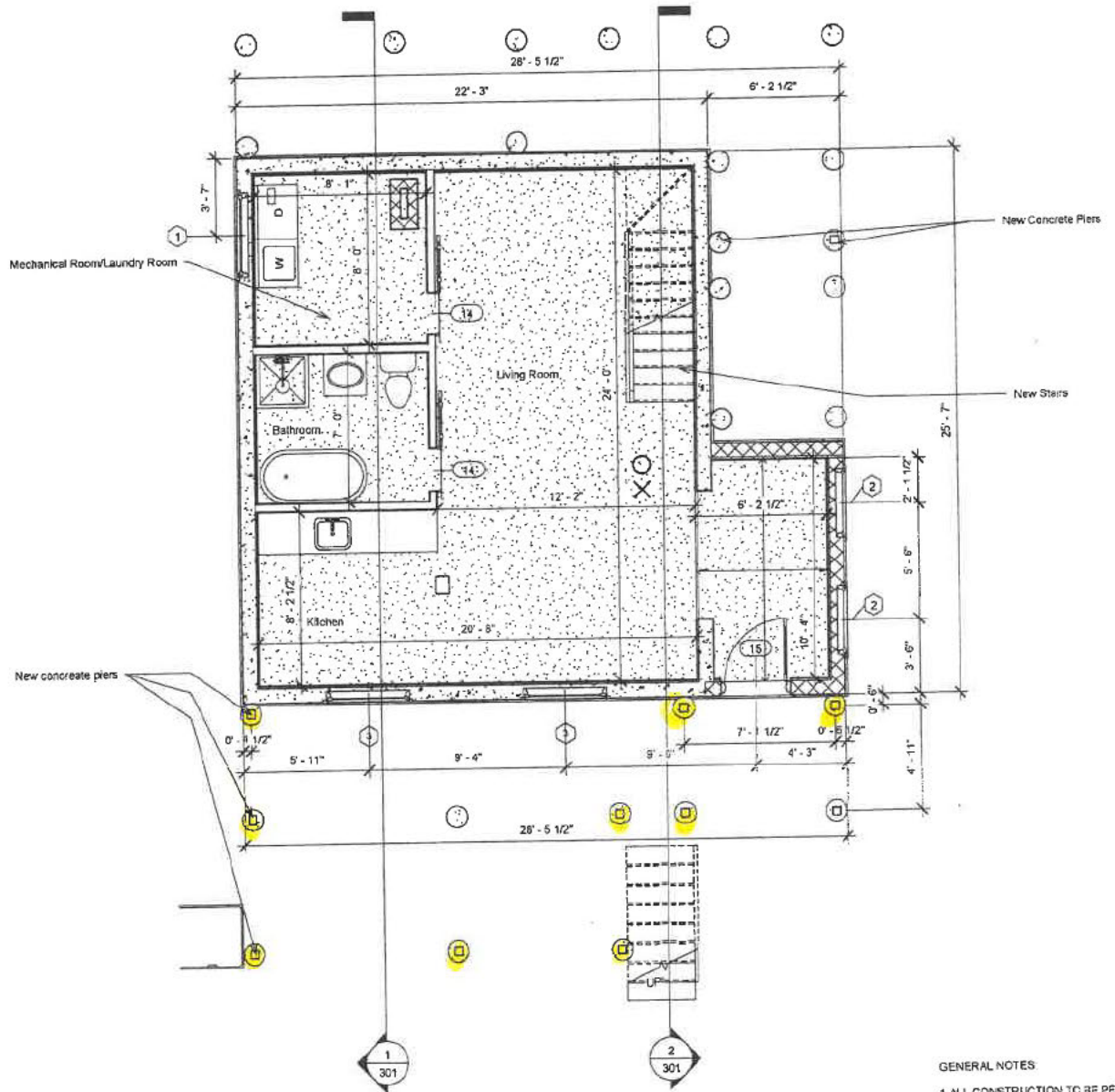
B. PROJECT DESCRIPTION 2. a.

Area 1.

(Highlighted in Yellow on Plans and photo)

Remove 25 existing deck supports and replace with 9 deck supports to code.

Proposed Basement Floor



GENERAL NOTES

1. ALL CONSTRUCTION TO BE PERFORMED IN CODE, NINE EDITION AND WOOD FRAME CON.
2. ANY STRUCTURAL ENGINEERING REVIEW, IF AND WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENS.
4. ALL DIMENSIONS ARE TO FINISH FACE OF S.
5. PROVIDE FULL SOUND BATT INSULATION@
6. ALL STRUCTURAL DRAWINGS REGARDING I FRAMING SIZES, ETC., ARE TO BE PROVIDED

LE
1.
2.

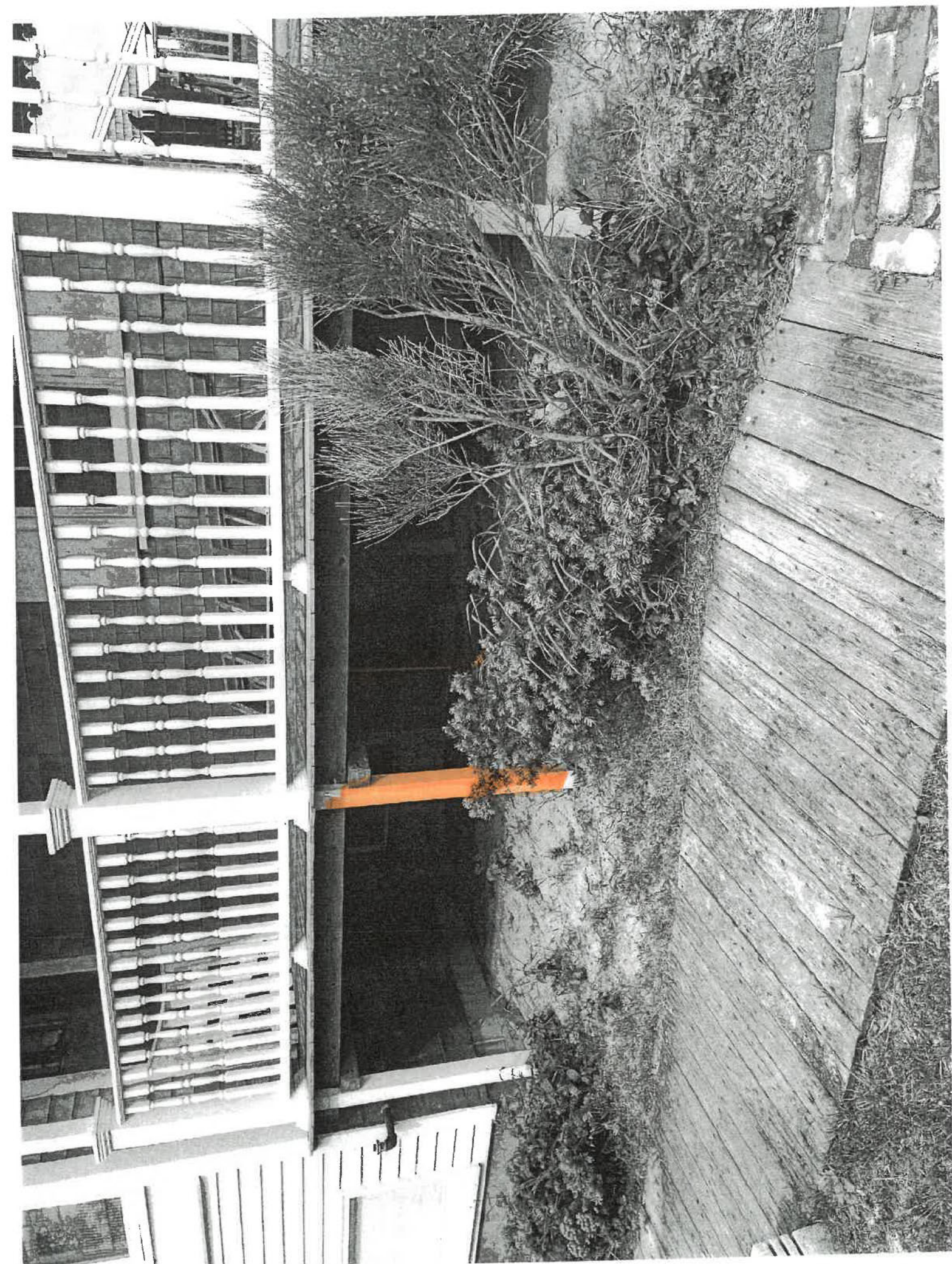


B. PROJECT DESCRIPTION 2. a.

Area 2.

(Highlighted in Orange on Plans and photo)

Replace 2 existing porch supports 1:1.



B. PROJECT DESCRIPTION 2. a.

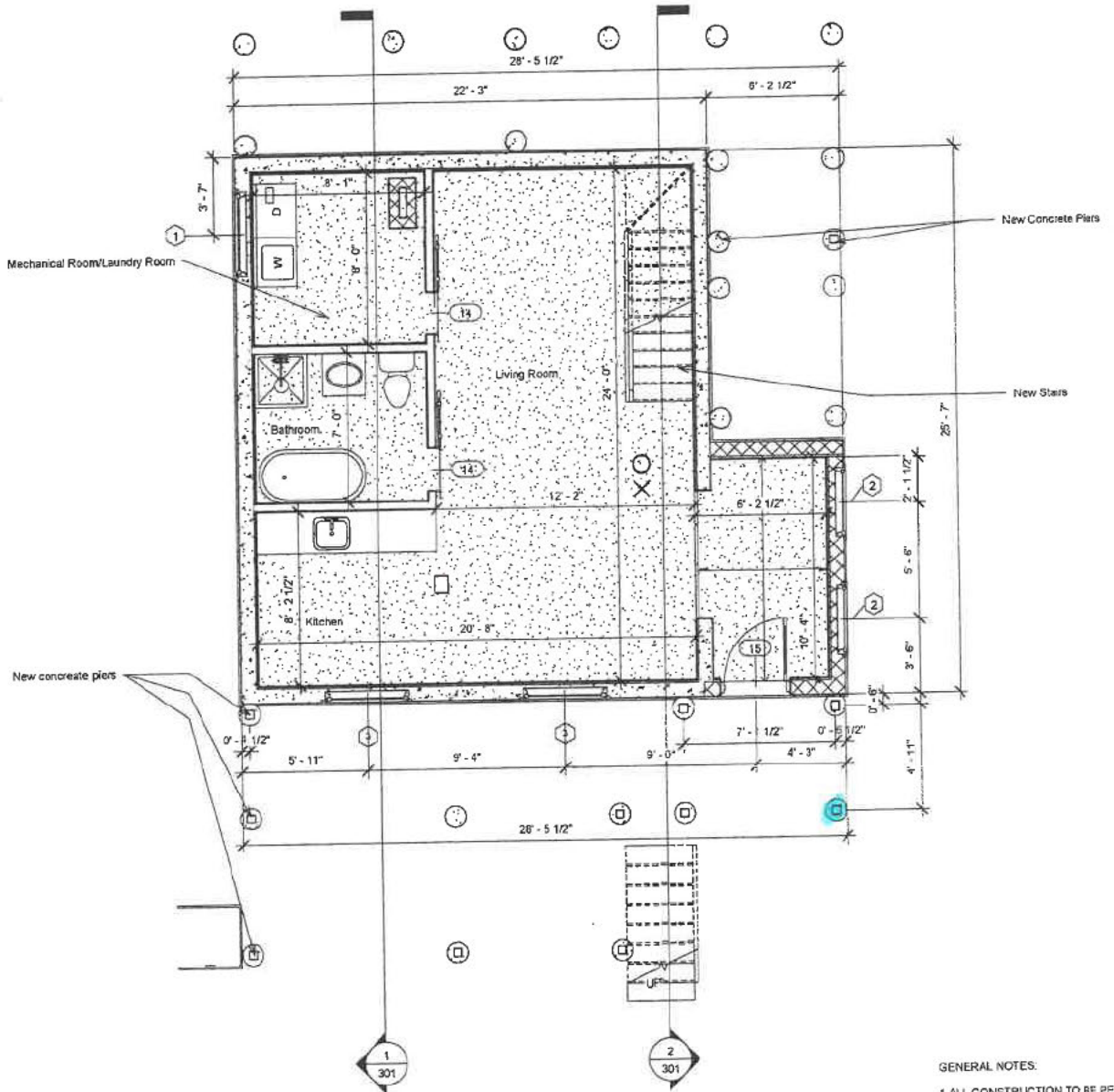
Proposed Area 3.

(Highlighted in Blue on Plans and photo)

Would the Commission be open to extending the South East side of the deck by approximately 5 feet to bring it to the corner of the house which would square off the deck? This would only require 1 support. The support would be in an already disturbed area and would not substantially change the area.

So, even with the addition of this one support.
There would be a reduction of 15 supports. (25 to 10)

Proposed Basement Floor



- GENERAL NOTES:
1. ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, NINE EDITION AND WOOD FRAME CONSTRUCTION CODE.
 2. ANY STRUCTURAL ENGINEERING REVIEW, IF REQUIRED, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 3. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
 4. ALL DIMENSIONS ARE TO FINISH FACE OF MEMBERS UNLESS NOTED OTHERWISE.
 5. PROVIDE FULL SOUND BATT INSULATION IN ALL WALLS AND CEILING.
 6. ALL STRUCTURAL DRAWINGS REGARDING FOUNDATION, WALLS, AND CEILING FRAMING SIZES, ETC., ARE TO BE PROVIDED BY THE CONTRACTOR.

LE:
1.)
2.)



NEW ENGLAND LAND SURVEY
Professional Land Surveyors
710 MAIN STREET
N.Oxford, MA 01537
PHONE: (508) 987-0025
FAX: (508) 438-6604
REGISTRY BARNSTABLE

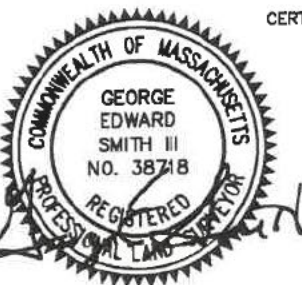
MORTGAGE INSPECTION PLAN

NAME SUSAN A CONNOLLY

LOCATION 582 SHORE ROAD
NORTH TRURO, MA

SCALE 1"=60' DATE 03/15/22

BASED UPON DOCUMENTATION PROVIDED, REQUIRED MEASUREMENTS WERE MADE OF THE FRONTAGE AND BUILDING(S) SHOWN ON THIS MORTGAGE INSPECTION PLAN. IN OUR JUDGEMENT ALL VISIBLE EASEMENTS ARE SHOWN AND THERE ARE NO VIOLATIONS OF ZONING REQUIREMENTS REGARDING DWELLING STRUCTURES TO PROPERTY LINE OFFSETS (UNLESS OTHERWISE NOTED IN DRAWING BELOW). NOTE: NOT DEFINED ARE ABOVE GROUND POOLS, DRIVEWAYS, OR SHEDS WITH NO FOUNDATIONS, ETC. THIS IS A MORTGAGE INSPECTION PLAN; NOT AN INSTRUMENT SURVEY. DO NOT USE TO ERECT FENCES, OTHER BOUNDARY STRUCTURES, OR TO PLANT SHRUBS. LOCATION OF THE STRUCTURE(S) SHOWN HEREON IS EITHER IN COMPLIANCE WITH LOCAL ZONING FOR PROPERTY LINE OFFSET REQUIREMENTS, OR IS EXEMPT FROM VIOLATION ENFORCEMENT ACTION UNDER MASS. G.L. TITLE VII, CHAP. 40A, SEC. 7, UNLESS OTHERWISE NOTED. THIS CERTIFICATION IS NON-TRANSFERABLE. THE ABOVE CERTIFICATIONS ARE MADE WITH THE PROVISION THAT THE INFORMATION PROVIDED IS ACCURATE AND THAT THE MEASUREMENTS USED ARE ACCURATELY LOCATED IN RELATION TO THE PROPERTY LINES.



CERTIFY TO: CAPE COD FIVE CENTS SAVINGS BANK

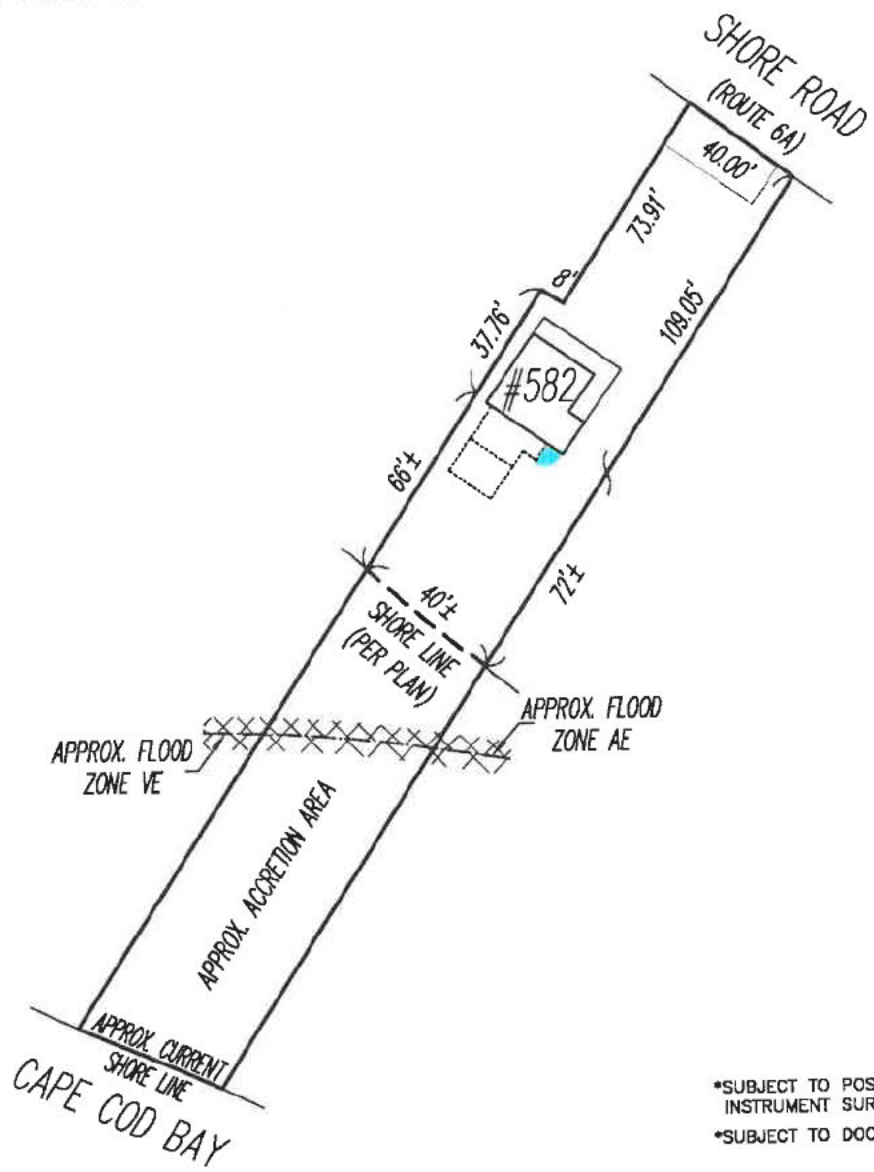
DEED REFERENCE: P/O 8398/275

PLAN REFERENCE: 112/47

*WE CERTIFY THAT THE BUILDING(S) ARE WITHIN THE SPECIAL FLOOD ZONE. SEE FIRM:

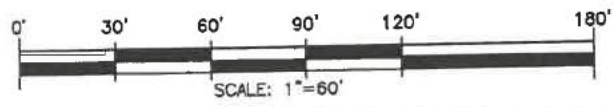
25001C0117J DTD: 07/16/2014

FLOOD HAZARD ZONE HAS BEEN DETERMINED BY SCALE AND IS NOT NECESSARILY ACCURATE. UNTIL DEFINITIVE PLANS ARE ISSUED BY HUD AND/OR A VERTICAL CONTROL SURVEY IS PERFORMED, PRECISE ELEVATIONS CANNOT BE DETERMINED.



*SUBJECT TO POSSIBLE ACCRETION. AN INSTRUMENT SURVEY IS RECOMMENDED.
*SUBJECT TO DOCUMENTS SET FORTH IN DEED.

REQUESTED BY: GILMARTIN MAGENCE LLP
DRAWN BY: CRC
FIELD BY: JS
CHECKED BY: GES
FILE: 22MIP03388





WPA Form 1 - Request for Determination of Applicability

Municipality _____

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

C. Determinations

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

- a. whether the **area** depicted on plan(s) and/or map(s) referenced above 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 above are accurately delineated.
- c. whether the **Activities** depicted on plan(s) referenced above is subject to the Wetlands Protection Act and its regulations.
- d. whether the area and/or Activities depicted on plan(s) referenced above is subject to the jurisdiction of any **municipal wetlands' ordinance or bylaw** of:

Town of Truro, MA

Name of Municipality

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

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.

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.

[Signature]
Signature of Applicant

06/07/23
Date

[Signature]
Signature of Representative (if any)

6.7.23
Date



582 Shore Rd

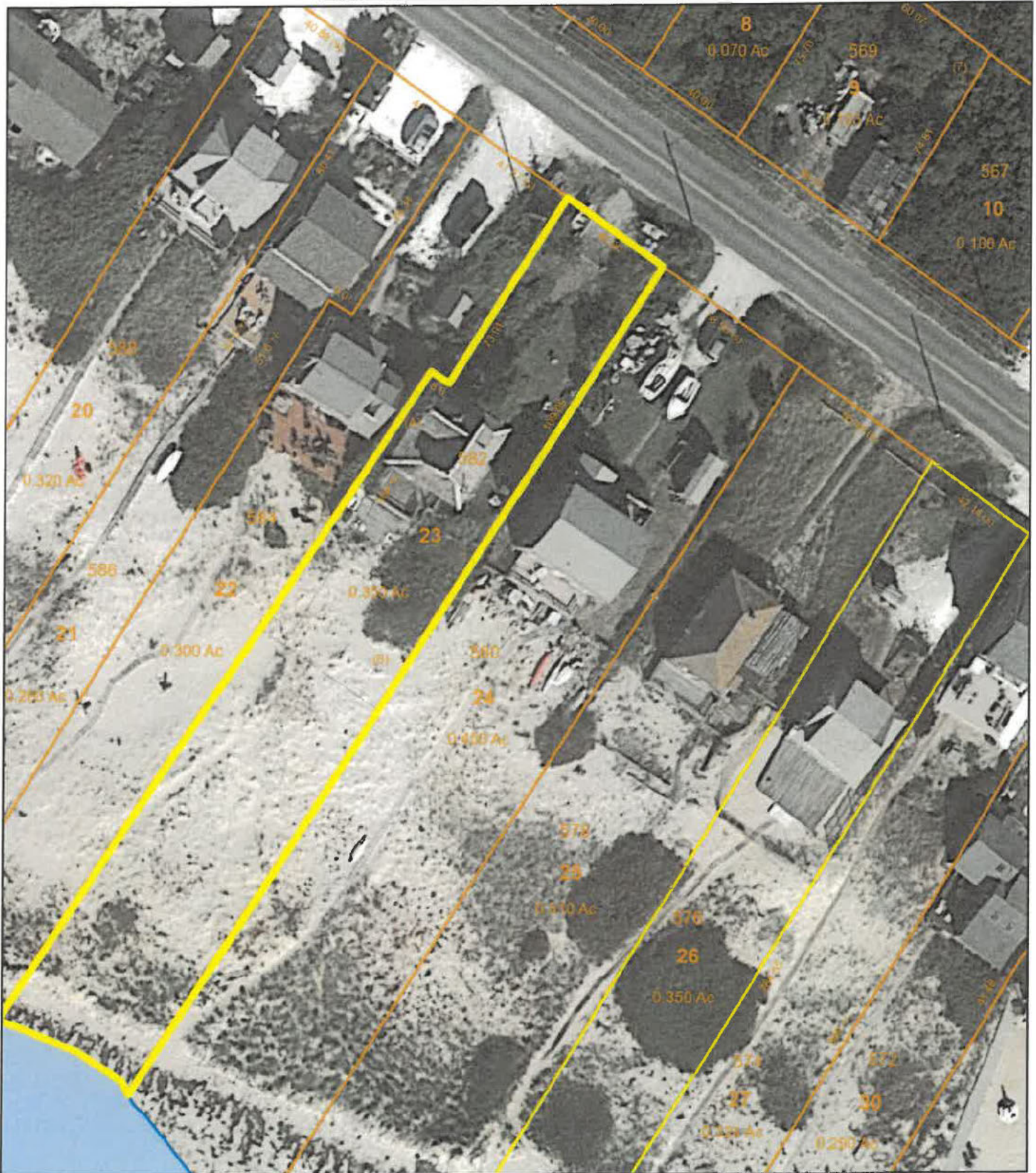
Town of Truro, MA

1 inch = 47 Feet



www.cai-tech.com

June 6, 2023



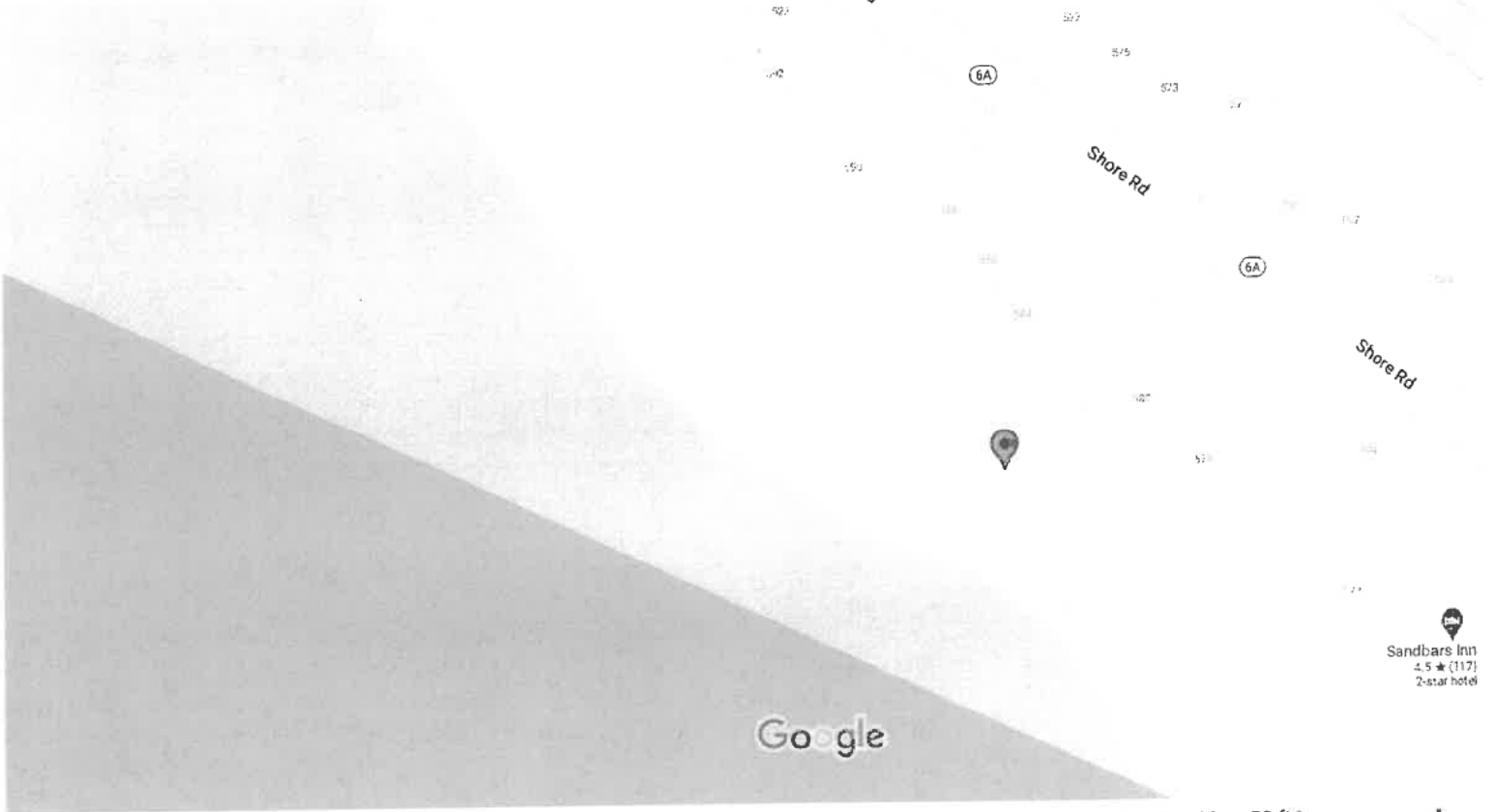
Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

Google Maps Historic District



Imagery ©2023 Airbus, CNES / Airbus, MassGIS, Commonwealth of Massachusetts EOE, Maxar Technologies, Map data ©2023 100 ft

Google Maps Historic District



Map data ©2023 50 ft 

Request for Determination

Project address: 582 Shore Road Map⁵ Parcel²³

- Is the project located in a resource area or buffer zone Yes
- Resource Area Type(s): Barrier Beach, Coastal Dune, LSCSF
- If Buffer Zone what is the distance from Resource Area: N/A

Description of project: (list all activities and describe methodology for construction or installation including equipment type if applicable) Please see attachment: Town of Truro, Conservation Commission - Description of Project.

Attached site plan titles/dates, and any other plan or narratives title/dates: _____
 Site Plan 6.6.23; CAI Technologies; Building Plan 3.23.23

Describe the best management practices/mitigation that will be used on the site: _____
 Please see attachment: Town of Truro Conservation Commission - Description of Project

Special Conditions required by the Conservation Include: _____

The proposed project is approved subject to the conditions included herein.

The use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen. The owner and applicant/representative are responsible for obtaining this permit prior to work start.

The owner and applicant/representative shall, avoid and otherwise minimize any activities in the buffer zone or in resource areas by use of best management practices on the site, such as:

- Placement of an agreed upon work limit;
- Proper placement of construction materials in developed or already disturbed areas;
- Proper installation/maintenance of erosion control;
- Good housekeeping that includes at a minimum daily trash pickup; no dumping of paint, plaster or concrete on the site but rather, disposing of it properly.

Approval of the project as described herein includes only the scope and specifications reviewed by the Conservation Commission; any changes to this project shall require additional review by the Conservation Commission prior to the work being done. Expansion of the scope of work may result in the applicant being required to file a full notice of intent. Any work done that exceeds the scope defined in the approved application shall be subject to issuance enforcement action; Violation of these conditions may result in issuance of an enforcement Order; non-criminal violation citations to the owner and/or applicant/representative accompanied by fines that accrue per offense and may accrue daily.

By reading and signing this letter of agreement the applicant acknowledges that they have read and understand the terms as stated herein; the scope of this approval is limited to the work described herein; and your signature on this conditional approval is acknowledgement that no work shall go forward until the RDA conditions have been issued by the Conservation Commission.

Applicant/Representative printed name and signature: MARIELLEN SERENA Novella
 Owners printed name and signature: SUSAN Conolly Susan Conolly

Town Of Truro - Conservation Commission -
Description of Project

As stated in the WPA Form 1 there would be a reduction of 25 existing deck supports to a total of 10 deck supports.

All supports would be dug by hand.

Best management practices will be followed:

The 'overpour protocol' would be used. All cement overpour would be wrapped in a tarp and removed from the site daily.

The site will be kept clean, neat and safe on a daily basis.

All construction material will be kept in an already disturbed area on the East side of the project.

Currently the yard work area is surrounded by sand, Rosa Ragusa and beach grass. 99% of the work is under the deck and porch where there is no vegetation.... When the project is complete if any vegetation was disturbed the homeowner would replace it.

PAID PAID
1552 155

Conservation Commission
TOWN OF TRURO

JUN 12 2023

13

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #: 1579170
City/Town: TRURO

A. General Information

1. Project Location:

a. Street Address: 525 SHORE RD UNIT 7
b. City/Town: TRURO c. Zip Code: 02652
d. Latitude: 42.05686N e. Longitude: 70.13482W
f. Map/Plat #: 3678 g. Parcel/Lot #: 006-005-000

2. Applicant:

Individual Organization

a. First Name: PAUL AND CHERYL b. Last Name: SILVERNAIL
c. Organization:
d. Mailing Address: 525 SHORE RD UNIT 7
e. City/Town: TRURO f. State: MA g. Zip Code: 02652
h. Phone Number: [REDACTED] j. Email: [REDACTED]

3. Property Owner:

more than one owner

a. First Name: PAUL AND CHERYL b. Last Name: SILVERNAIL
c. Organization:
d. Mailing Address: 525 SHORE RD UNIT 7
e. City/Town: TRURO f. State: MA g. Zip Code: 02652
h. Phone Number: [REDACTED] i. Fax: [REDACTED] j. Email: [REDACTED]

4. Representative:

a. First Name:
b. Last Name:
c. Organization:
d. Mailing Address:
e. City/Town: f. State: g. Zip Code:
h. Phone Number: i. Fax: j. Email:

5. Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid: 110.00 b. State Fee Paid: 42.50 c. City/Town Fee Paid: 67.50 + 200.00

6. General Project Description:

LEVEL OFF BACK YARD AND REFILL WHERE EROSION AFFECTED YARD IN FRONT OF EXISTING FENCE.
SUPPORT YARD WITH SOME BOARDS AND REBUILD BROKEN FENCE

7a. Project Type:

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Limited Project Driveway Crossing
- 4. Commercial/Industrial
- 5. Dock/Pier
- 6. Utilities
- 7. Coastal Engineering Structure
- 8. Agriculture (eg., cranberries, forestry)
- 9. Transportation
- 10. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310

Massachusetts Department of Environmental Protection

Bureau of Resource Protection – Wetlands

Narrative for Notice of Intent – WPA Form 3

The purpose of the work proposed is to create a usable backyard for our home on 525 Shore Rd, Unit 7. Access to the area is easily accessible from the right side of the house through the parking are. Years of erosion caused uneven, pitted areas and a broken fence. The first step is creating a small support area at the back of the yard, in front of the old fence. This is done using pieces of wood stacked to hold up the sand/loam and the planting of grass. The drawings show this with measurements. The grass I was planted by seed (purchased from Home Depot). The last step is to rebuild the fence around the backyard using wooden posts and sections. Two gates are proposed, one on each side of the house. All the work is and will be completed by hand.

Thank you.

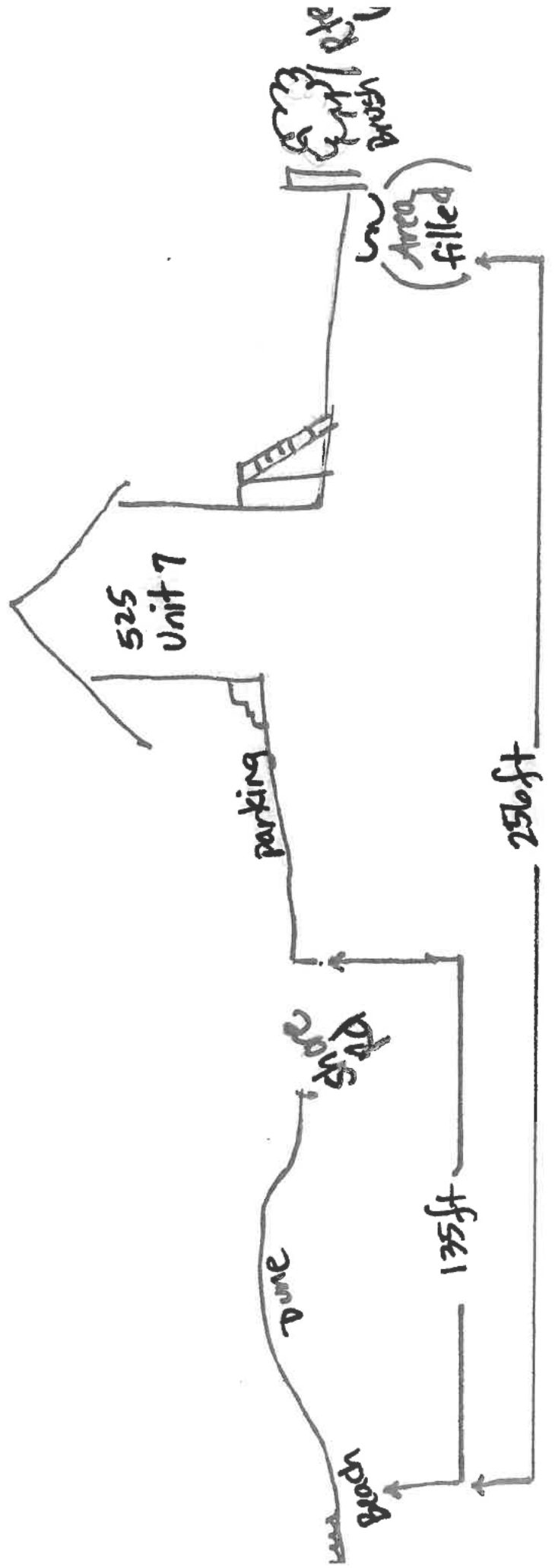
Paul and Cheryl Silvermail

525 Shore Rd

Unit 7

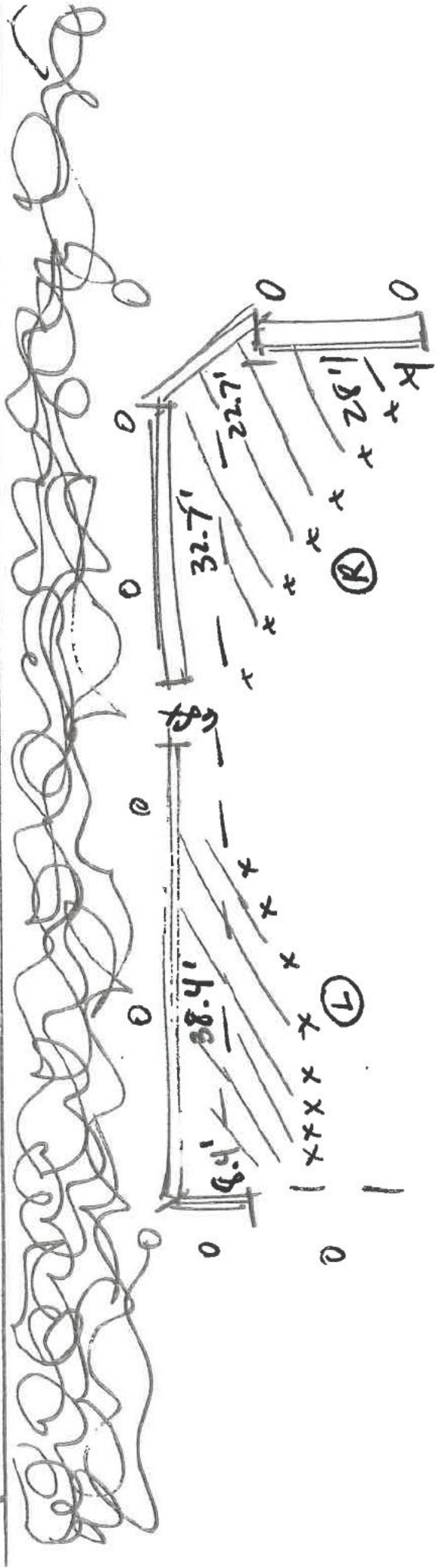
Backyard -

- level ground in front of old broken fence
- add supports
- plant grass
- rebuild fence (future)



"Bird's Eye View"

Rte 6

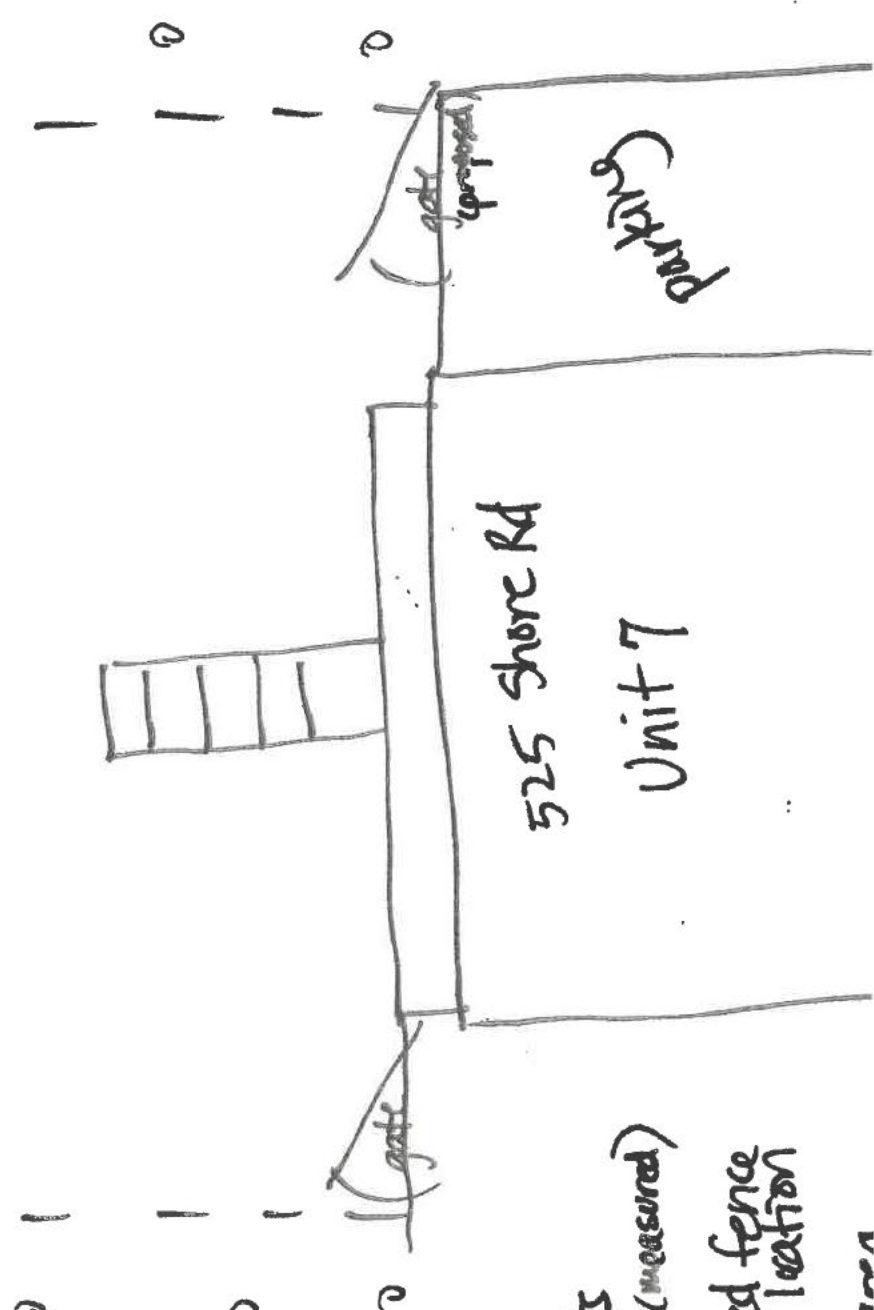


Conservation Commission
TOWN OF TRURO
JUN 13 2020

Filled area

Ⓐ = 161.28 ft²

Ⓑ = 457.8 ft²



- Key
- : old fence posts
 - ≡ : supports (measured)
 - - - : proposed fence location
 - /// : filled area

PAID

JUN 23 2023

PERMIT #2023-17



TOWN OF TRURO

Conservation Commission

24 Town Hall Road
P.O. Box 2030, Truro MA 02666

15

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Mark Scott Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: I-Ching and Mark Scott Telephone: [REDACTED]

(If the applicant is not the owner of the property, written consent to the work MUST be attached to this Application.)

Address of subject property: 263 Shore Rd #2 Map: 17 Parcel: 1-2

Description of proposed work: Restoration of fencing damaged and removed during foundation construction work.

Proximity to Resource Areas: Barrier Beaches, Land Subject to Coastal Storm Flowage

CRITERIA FOR ADMINISTRATIVE REVIEW (AR) PERMITS

Vegetation Projects:

- No removal of vegetation within any inland or coastal wetland resource.
- No uprooting of vegetation.
- No mowing to the ground or clear cutting.
- Any proposed tree removal is demonstrated to be necessary, e.g., to protect existing structures, public safety, traffic visibility, etc.
- Mitigation may be required, i.e., an area to be planted with native species of trees or shrubs.
- Trees for removal must be tagged for inspection.
- No excavation by machinery is required or proposed.

Sheds and Other Construction Projects:

- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, sono tubes, diamond piers
- Repairs or replacement of existing structures remain within the same footprint.
- New structures must be less than 160 square feet.
- Only minimal projects such as biomimicry, sand nourishment, beach grass and planting of native species shall be allowed under this permit

Procedure:

- The fee shall be submitted with the Administrative Review Application.
- The Agent shall conduct a site visit, at which time the proposed project must be clearly defined in the field with stakes. Trees shall be flagged.

PAD

- If the Agent determines that all of the conditions of this Policy are met, the Agent may approve the Application. If the conditions of this policy are not met; the application is incomplete; or the field ID is inadequate the application is denied.
- **If the Agent approves the application, such approval must be ratified by the Truro Conservation Commission prior to the issuance of this permit and prior to the commencement of any work.**
- Any Property Owner, contractor or other agent of the owner performing any work pursuant to an Administrative Review permit shall have a copy of the permit available at the site at all times during the period that the work is being performed.
- Upon approval and ratification by the Commission, an Administrative Permit shall issue.
- The applicant shall notify the Commission prior to the start of the work, and must complete the work within thirty (30) days of issuance of the permit, unless otherwise permitted by the Commission.
- The Conservation Agent shall inspect the property to verify that the work completed is within the scope of the Approved Application.
- Any work beyond the scope of the approved Administrative Review shall be subject to enforcement action.
- NOTE: Use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen.

By signing this permit application, you are acknowledging that you have read and understand the terms as stated herein. You are also aware that no work shall go forward until the permit has been issued by the Conservation Commission.



 (Signature of Applicant) 06/23/23

 (Date)

FOR OFFICE USE ONLY:
 Agent's Comments _____

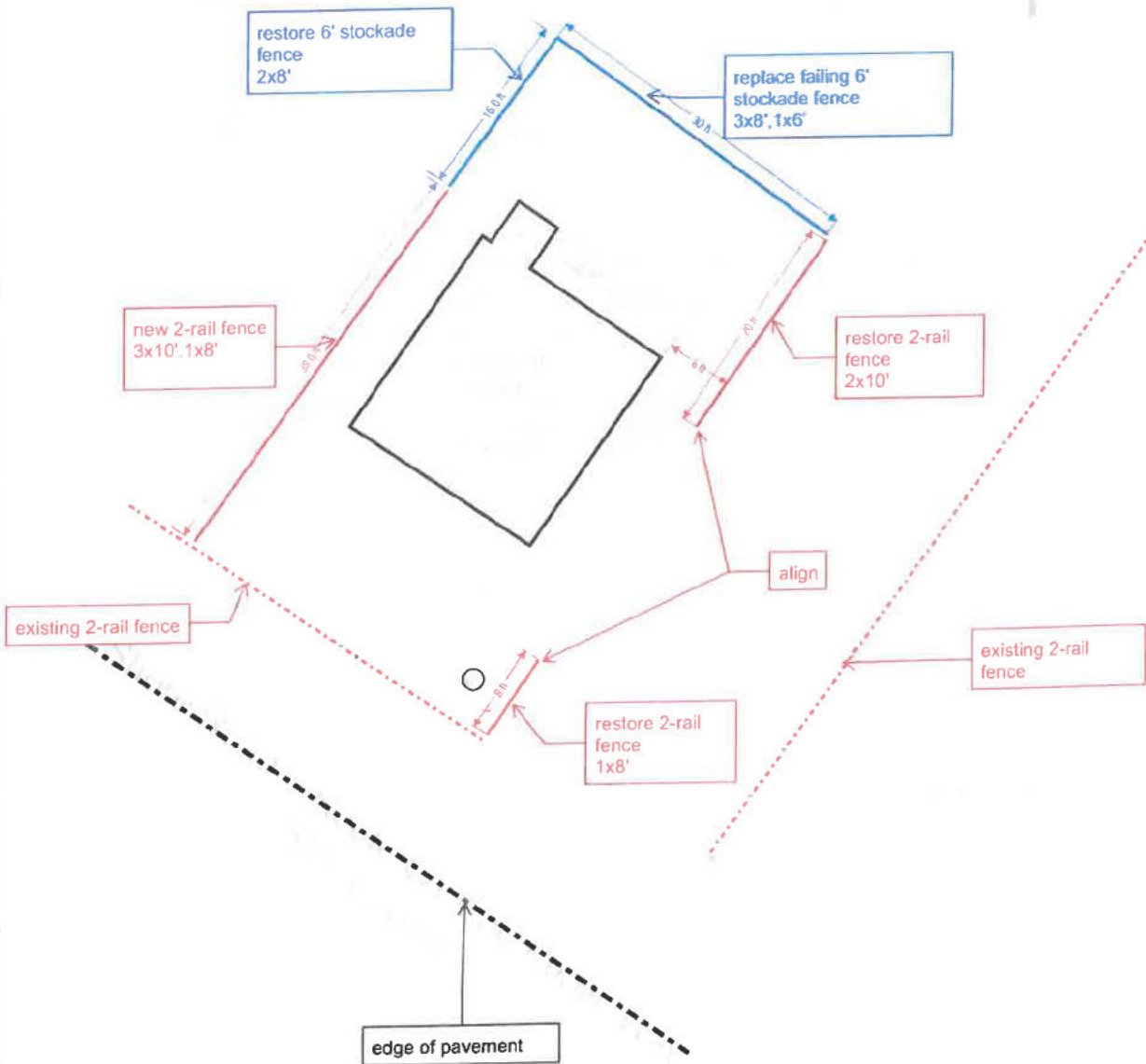
Site Inspection Date: _____ Application Approved: Yes No

Conservation Commission Review: Meeting Date: _____ Permit Approved: Yes No
 Conditions: _____

Signature of Commission Chair or Agent: _____ Date: _____



2



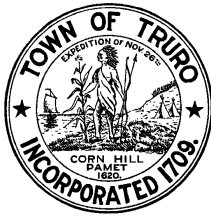
Mark Scott
2 Ravenscroft Rd
Winchester, MA 01890

On March 22, 2021, the Zoning Board of Appeals granted a Special Permit to perform a house lift (with new foundation) and deck addition (for building access) to the property at 263 Shore Rd #2 in North Truro. Due to the project's location on Beach Point, it also received an Order of Conditions from the Massachusetts DEP (SE# 075-1094).

The work delineated in the project scope and submitted to the Town of Truro and the Mass DEP has been completed except the beach grass planting included with the Order of Conditions; this planting will be completed in the winter during the appropriate beach grass planting time.

During the construction of the foundations, existing fencing on site was damaged and removed. After consulting with the Town of Truro, the applicant was advised to contact the Conservation Commission for review of proposed work to restore that fencing. The applicant is requesting consideration for a Conservation Commission Administrative Review Permit to engage a fencing contractor to complete the fence replacement in kind.

The following photographs illustrate the pre- and post-construction condition of the fencing. Following the photographs is a site plan mark-up indicating the scope of proposed fence restoration.



TOWN OF TRURO
CONSERVATION COMMISSION
P.O. Box 2030
Truro MA 02666-0630

Conservation Commission Meeting Minutes: March 6, 2023

Commissioners Present: Chair Carol Girard-Irwin, Linda Noons-Rose; Diane Messinger, Bob White & Larry Lown.

Absent: Clint Kershaw

Others Present: Emily Beebe, Conservation Agent, Courtney Warren, Assistant Conservation Agent.

This was a remote meeting. Chair Carol Girard-Irwin called the meeting and public hearings to order at 5:00 PM and provided the virtual meeting instructions.

Public Comment: There was no public comment.

Notice of Intent: 423 Shore Road, Jennifer Chisholm (SE# 75-1162) (cont. from 2/6/2023):

Brad Malo from Coastal Engineering and Theresa Sprague from Blue Flax were on the call to represent the project. Nathaniel Stevens, project attorney, and Ryan Campbell, architect, were also on the call. Brad Malo confirmed that the Commissioners who were absent from the February meeting had reviewed the materials. He described the key differences between the revised and previous plan as the location of the house and type of foundation. Per the ZBA, the structure needed to be moved to meet setback requirements so the dwelling and all retaining walls/foundation will be removed. The replacement two-bedroom dwelling will now be on pilings. Because of the loss of storage space, a 10' x 12' shed is proposed. An I/A septic system will be installed. It is proposed that 1,900 square feet of impervious coverage (concrete/pavement) will be removed. Blue Flax submitted a planting plan to restore all disturbed areas. The Chair asked about the proposed shed, foundation, which will be on blocks or posts. Theresa Sprague described the planting plan which includes restoration of native vegetation and minimal invasive species management. Commissioner Larry Lown asked whether fill would be needed after removal of the retaining walls. Brad Malo explained that there will be no fill added and that the lot would be recontoured. Commissioner Diane Messinger asked whether the storage under the house could be utilized instead of the proposed shed. Brad Malo stated that they looked at alternatives for storage and that putting storage under the house would defeat the purpose of having the building on pilings. The shed must have gutters to downspouts. Commissioner Bob White asked about the piling depth and the method for driving them. Brad Malo stated that they are still designing the pilings. They are considering timber pilings, or helical anchors.

Based on discussion about driving piles, the Conservation Agent asked when the project would begin, and Mr. Malo estimated it would start this fall. The Agent suggested that the Commissioners consider a condition as to timing of the pile driving. Commissioner Diane Messinger added that she was impressed by the mitigation strategies being used.

Motion: Commissioner Bob White moved to approve the Notice of Intent with the following conditions: 1. Timber piles shall be used for the foundation and shall be driven or vibrated into the ground. If the piling material or installation method differs from the above, then the Applicant shall come back before the Commission. 2. The piles shall be installed between the months of October 1st and May 1st. 3. The proposed patio shall be dry-laid and constructed with pervious materials. 4. The approved shed shall be no greater than 10'x12' and shall be supported on blocks or sono-tubes; **Second: Commissioner Diane Messinger; Vote: 4-0-1, Commissioner Linda Noons-Rose recused herself from the vote; the motion carried.**

Notice of Intent: 25 Knowles Heights Road, Peter Casperson (SE# 75-1158): (cont. from 2/6/2023) Laura Schofield represented the project to install a serpentine drift fence with beach nourishment and plantings. The existing dwelling on the property is on the top of the coastal bank and was built in the 1940s. The initial hearing brought up questions about whether there was enough erosion in the area to require a serpentine fence. Laura Schofield stated that there used to be a wooden bulkhead and boathouse on the property and referred to historical photos and referred to a serpentine fence permitted and installed seven years ago on an abutter's property to the north, tht she characterized as working well. The commissioners were mostly concerned about maintenance of the fence and pieces of the fence potentially becoming storm debris. Commissioner Diane Messinger asked whether there were gaps for animals to pass through the fence. Laura Schofield responded that the plan calls for a minimum 7.5" gap on every panel. The Conservation Agent read into the record a public comment emailed by Ron Fichtner concerning beach access. Both Commissioner Larry Lown and Commissioner Linda Noons-Rose reminded the applicant of the importance of having sections of the fence identifiable in case there is storm damage. Laura Schofield stated that the plan does call for all wood associated with the fence to be labeled with identification. Commissioner Linda Noons-Rose suggested setting a condition that calls for regular photos of the fence.

Motion: Commissioner Diane Messinger moved to approve the Notice of Intent with the following conditions: 1. Biannual pictures of the fence shall be provided to the Conservation Department. The pictures should be taken in the Spring and in the Fall after 11/30 from the same locations to show the condition of the fence and the coastal dune, 2. All sections of the fence shall be marked and identifiable; Second: Commissioner Larry Lown; Vote: 5-0-0; the motion passed.

Notice of Intent: 4 River View Road, Christopher Lucy (SE#75-1163): (cont. from 2/6/2023): Chris Lucy reviewed the proposed revegetation plans that includes the property owner planting bayberry and bearberry; he also detailed the clean-up methods proposed. **Motion: Commissioner Bob White moved to approve the Notice of Intent; Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.**

Notice of Intent: 33 Black Pond Road, Catherine Shainberg: (SE# 75-1165): (continued from 1/9/2023) Jason Ellis described the project as two small, proposed additions. When asked about a mitigation plan, Jason Ellis responded that the site is well-vegetated and that the plan does call for conservation grass seed mix to be planted in disturbed areas. Regan McCarthy spoke on behalf of the homeowner and stated that the area is naturally heavily vegetated and that there isn't any additional area for mitigation.

The Conservation Agent gave a brief overview of the proposed project and described the site. A site visit was conducted last fall. Jason Ellis added that the addition of gutters with down spouts and dry wells will mitigate stormwater runoff. Commissioner Bob White stated that he had no problem with this project and appreciates the addition of the gutters. Jason Ellis added that most material will be brought in by hand and there will be no tree removal. Chair Carol Girard-Irwin clarified that this filing was not held up by the Commission, rather, the filing began as a Request for Determination, and it took several months for the DEP file number to issue. The Conservation Agent suggested that Harmony seed mix would be the better choice of seed, and reminded the applicant that no fertilizer should be used. Commissioner Bob White also added that orange fencing could be used to delineate the work limit. Access will be reviewed at the pre-construction meeting. **Motion: Commissioner Diane Messinger moved to approve the Notice of Intent with the condition that all disturbed areas shall be restored with Harmony Seed Mix and no fertilizers shall be used on-site. Second: Commissioner Linda Noons-Rose; Vote: 5-0-0; the motion passed.**

Notice of Intent: 2 Marian Lane, Paul & Nancy Fenichel (SE# 75-1164): (continued from 2/6/2023) Jason Ellis provided a brief overview of the proposed construction of a 500 sq. ft. second floor deck and screened-in porch. The area proposed for the footings, under the second story deck is not currently vegetated and is sand. Jason Ellis added that they are open to any mitigation suggestions. He proposed installing aggregate and erosion fabric under the deck since nothing was likely to grow there. Commissioner Diane Messinger asked if downspouts/drywells would help on this site and Jason Ellis said they would likely be beneficial. Commissioner Linda Noons-Rose stated that this area is sensitive to erosion and the disturbed area would need to be restored. Jason Ellis suggested having a plan formulated in the next two weeks for mitigation. Chair Carol Girard-Irwin agreed that two weeks would be a good time frame to prepare a mitigation plan. The Conservation Agent added that an onsite meeting could be held with the Conservation staff to discuss mitigation and revegetation. **Motion: Commissioner Linda Noons-Rose moved to approve the Notice of Intent with the conditions including plantings, aggregate under the deck and the addition of gutters with downspouts/drywells. Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.**

Notice of Intent: 590 Shore Rd, Ross Zachs, Big Monkey LLC (SE# 75-1166): Gordon Peabody presented the project, at this location where a similar plan was withdrawn in the previous year, after many hearings due to un-resolved conflicts with the abutter to the west. One of their existing structures encroaches on that abutter's property. The current proposal will demolish that building and rebuild it on pilings in a location that conforms to the zoning set-back requirements. Ross Zachs, the homeowner, described the project and the mitigation strategies. The new structure will have gutters, downspouts, and dry wells, and gravel/woodchips under the outdoor shower. The building will be elevated and native seed mix will be planted underneath it. They will be doing some additional native plantings and will be removing some impervious surfaces on the property. Both Commissioner Diane Messinger and Bob White expressed their approval of the project proposal. Deb Paine was on the call representing the abutters and stated that they were happy with the progress of the project as compared to the previous

filing. The abutters are willing to work with the applicants to allow for an expanded limit of work if needed. **Motion: Commissioner Linda Noons-Rose moved to approve the Notice of Intent; Second: Commissioner Bob White; Vote: 5-0-0; the motion passed.**

Notice of Intent: 31 Mill Pond Rd, Margaret Clark & Timothy Richards:

Charles Wentz with Ponderosa Landscaping and Ken McPhee from Bartlett tree services were on the call. Bartlett will do the tree removal and Ponderosa will handle the planting. Ken MacPhee described the work as removal of invasive species (black pine) and not vista pruning. The tree stumps and roots would remain, and regrowth managed. Charles Wentz described the planting plan. Temporary irrigation would be utilized for the new plantings and a straw wattle will be installed for erosion control. Plantings will occur in bare areas of the slope. Chair Carol Girard-Irwin asked whether the oaks would be removed. They will not be removed, rather they will be pruned. Commissioner Diane Messinger about the need to cut anything because the view is spectacular as it is. Japanese Black Pine needs to be removed because as a colonizing species it will take over the bank and spread throughout the property. Commissioner Bob White asked what steps would be taken to protect the existing native species. Ken MacPhee explained that access would be from Mill Pond which would protect those species.

Motion: Commissioner Larry Lown moved to approve the Notice of Intent; Second: Commissioner Bob White; Vote: 5-0-0; the motion passed.

Request for Determination of Applicability: 21 Crestview Circle, Crest View Holdings LLC, Shannon Wu: erosion control; Coastal Bank (Map 42, Parcel 39)

Gordon Peabody was presented the project for limited planting near the base of a coastal bank. Chair Carol Girard Irwin stated that she supports the need for native plantings in the area. **Motion: Chair Carol Girard-Irwin moved a determination of negative 3; Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.**

Request for Determination of Applicability: 38 Pond Rd, Christopher Roemlein: 1:1 deck replacement; Coastal Dune. (Map 39, Parcel 15) The builder/representative Josh Grandel did not attend, but the Conservation Agent described the project as a one for one deck replacement and stairway access. The limit of work will be around the driveway area of the house. The materials will be stored in the driveway. **Motion: Chair Carol Girard Irwin moved a determination of negative 3; Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.**

Request for Determination of Applicability: 75 Depot Rd, Town of Truro: boat ramp repairs; Land Subject to Coastal Storm Flowage. (Map 50, Parcel 18)

The Conservation Agent indicated that this is a project that the State is working on with the Town. It includes a controlled power-wash of the boat ramp followed by application of a sealant to fill the cracks. **Motion: Commissioner Bob White moved for a determination of negative 3; Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.**

Certificate of Compliance: 15 Cabral Farm Rd, SE# 75-989This project included the upgrade to a septic system. **Motion: Commissioner Diane Messinger moved to approve; Second: Commissioner Bob White; Vote: 5-0-0; the motion passed.**

Certificate of Compliance: 482 Shore Rd, SE# 75-700 Beach grass planting has now been completed to finish the work under this order. **Motion: Commissioner Diane Messinger moved to approve; Second: Commissioner Bob White; Vote: 5-0-0; the motion passed.**

Administrative Reviews: 1.) 446 Shore Rd: 30-day extension request; 2.) 2 Corn Hill Path: 60-day extension request. The Administrative Reviews were voted on together since they were both extensions to previously approved work. **Motion: Chair Carol Girard Irwin moved to approve the Administrative Review Request; Second: Bob White; Vote: 5-0-0; the motion passed.**

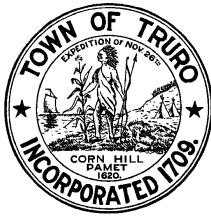
Minutes:

December 5, 2022 and January 9, 2022: Motion: Bob White moved to approve both sets of minutes as amended; Second: Commissioner Diane Messinger; Vote: 5-0-0; the motion passed.

Commissioner Diane Messinger moved to adjourn the meeting.
Second: Commissioner Bob White; Vote: 5-0-0.

The meeting was adjourned at 7:32 PM.

Respectfully Submitted by Nina Richey



**TOWN OF TRURO
CONSERVATION COMMISSION
P.O. Box 2030
Truro MA 02666-0630**

Conservation Commission Meeting Minutes: April 3, 2023

Commissioners Present: Chair Carol Girard-Irwin, Vice Chair Linda Noons-Rose; Bob White, Diane Messinger & Clint Kershaw. **Absent:** Larry Lown. **Others Present:** Emily Beebe, Conservation Agent, Courtney Warren, Assistant Conservation Agent.

This was a remote meeting. Chair Carol Girard-Irwin called the meeting and public hearings to order at 5:02 and provided the virtual meeting instructions.

Notice of Intent: 706 Shore Road, Maria Kuliopolus: electrical trench; Coastal Dune, Barrier Beach, Land Subject to Coastal Storm Flowage (Map 1, Parcel 5)

The Agent stated that no DEP file number has been issued for this project yet. Maria Kuliopolus was on the call to represent the project but was having technical issues. The Agent suggested that the Maria Kuliopolus put a message in the chat requesting a continuance. **The commission moved on to the next agenda item to give her time to sort out her technical issues.**

Request for Determination of Applicability: 19 South Pamet Road, Sebastian Snow: confirmation of delineations; Coastal Bank, Bordering Vegetated Wetland (Map 51, Parcel 95)

Gordon Peabody represented the request a determination/confirmation of the delineations of the wetland resource areas on this property. The Coastal Bank, flood plain, Riverfront and the Bordering Vegetated Wetland are the resource areas in question. The Agent shared mapping information and stated that the edge of the bordering vegetated wetland was confirmed by vegetation, but the coastal bank location appeared more complicated. There was discussion about flood zones and that this is a unique situation with pending restoration, and no steady tidal flow in the Pamet river area in yet. The Agent referred to a conversation with the DEP, to use the edge of the channel until any future restoration happens. The Agent also read into the record the definition of a Coastal Bank. For delineation only, the Commission will need to see a revised plan showing the coastal bank as the controlling resource area. Gordon Peabody asked to continue the matter until the May 1, 2023 meeting. **Motion: Commissioner Linda Noons-Rose moved to continue the matter until May 1, 2023; Second: Clint Kershaw; Vote: 5-0-0; the motion passed.**

Request for Determination of Applicability: 21 South Pamet Road, Sebastian Snow: confirmation of delineations; Coastal Bank, Bordering Vegetated Wetland (Map 51, Parcel 36)

This parcel was discussed together with the abutting 19 S. Pamet Rd property. Gordon Peabody requested a continuance until the May 1, 2023, meeting.

Motion: Commissioner Clint Kershaw moved to continue the matter to May 1, 2023; Second: Diane Messinger; Vote: 5-0-0; the motion passed.

Notice of Intent: 706 Shore Road, Maria Kuliopolus: electrical trench; Coastal Dune, Barrier Beach, Land Subject to Coastal Storm Flowage (Map 1, Parcel 5)

Maria Kuliopolus requested a continuance until the May 1, 2023 meeting.

Motion: Commissioner Clint Kershaw moved to continue the matter until May 1, 2023; Second: Diane Messinger; Vote: 5-0-0; the motion passed.

Request for Determination of Applicability: 64 Depot Road, Phoebe Judge: removal of invasives; planting of native species; Coastal Bank, Riverfront Area (Map 50, Parcel 29)

Homeowner Phoebe Judge represented the project. The property owners want to remove invasive Japanese knotweed from the property. Commissioner Linda Noons-Rose stated that removing invasives was beneficial but also asked about an abandoned cesspool that she noticed on the property during the site visit. The Agent recommended the owners investigate whether the structure was an old cesspool or possibly an old well pit. Commissioner Clint Kershaw asked what the mitigation would be after the excavation of the knotweed was completed. The owner stated that a planting plan was submitted, and was compiled from the list of native plants provided by the Town. This planting plan would be implemented immediately after the knotweed excavation. Commissioner Bob White expressed concern about stormwater runoff and suggested use of a silt fence to prevent erosion. He also stated that semi-permanent staking of the area is important so that the cleared area doesn't become larger with time. Commissioner Diane Messinger was concerned that the planting plan wasn't detailed enough. Phoebe added that they are not planning on clear cutting or removing all vegetation all the way to the pond. They do not want to do anything harmful like use herbicide and are happy to implement anything needed to prevent runoff. The Agent stated that the boundary delineations as described on the provided plan are not accurate due to the age of the plan. Conditions for approval would include a pre-construction meeting with the landscaper to discuss erosion control fencing and staking of the area. The property owner would need to abandon the cesspool if the Health department so determined.

Motion: Commissioner Clint Kershaw moved a positive 2B determination that they did not agree with the delineations on the plan and a negative 2 determination for the work with conditions concerning staking the work area, adding the silt-fence and using no herbicide; Second: Linda Noons-Rose; Vote: 5-0-0; the motion passed.

Certificates of Compliance: (1) 538 Shore Rd U:1, SE#75-0895

The Agent explained that this was an old project, and the owner was requesting a certificate of compliance. The Agent also noted that a written complaint from an abutter had been received expressing concern about debris underneath a different unit.

Motion: Commissioner Diane Messinger moved to approve the request for Certificate of Compliance; Second: Clint Kershaw; Vote: 5-0-0; the motion passed.

Administrative Reviews: (1) 566 Shore Road: snow fence & beach grass;

Commissioner Clint Kershaw asked whether this proposed snow fencing was permanent. Representative Laurie Ferrari stated that the previous fence got washed away by the storm last winter and they are working on a longer-term plan for fencing. Commissioner

Clint Kershaw suggested conditioning the approval on submittal of a long-term fencing plan. The Agent stated that control of foot traffic was essential to build the dune. This would be a condition of approval, as well as reducing the access was narrowed to 4' wide.

Motion: Commissioner Clint Kershaw moved to approve the Administrative Permit with the condition that a permanent plan is submitted by year end and that the foot path be narrowed to 4' for control of foot traffic; Second: Diane Messinger; Vote: 5-0-0; the motion passed.

The Commissioner agreed to vote on the remaining Administrative Review permits together:

(2) 412 Shore Road: beach access stair replacement; (3) 23 Bayview Road: beach stair replacement; (4) 5 Dune Way: beach stair repair; (5) 276 Shore Rd: ext. request; (6) 0 Fishermans Rd: dead tree removal

Motion: Commissioner Clint Kershaw moved to approve the remaining Administrative Review permits; Second: Diane Messinger; Vote: 5-0-0; the motion passed.

Minutes: No minutes were available for review.

**Commissioner Clint Kershaw moved to adjourn the meeting.
Second: Carol Girard-Irwin; Vote: 5-0-0.**

The meeting was adjourned at 6:26 PM.

Respectfully Submitted by Nina Richey