



Truro Conservation Commission

Monday May 6, 2024

Hybrid Meeting start at 5:00 PM
Truro Town Hall, 24 Town Hall Rd

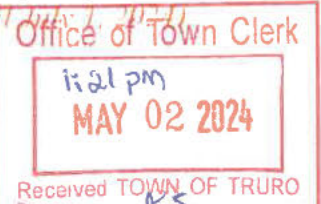
PUBLIC MEETING AGENDA

This will be a hybrid meeting. Citizens can view the meeting on Channel 8 in Truro and on the Town's website on the "Truro TV Channel 8" 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, you can call in or email. To call-in toll free dial 1-646-558-8656 and enter the following Meeting ID when prompted: 881 4221 5586**

You can join this Zoom meeting from your computer, tablet or smartphone at <https://us02web.zoom.us/j/88142215586>
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 abeebe@truro-ma.gov with your comments.

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

- 1. Request for Determination of Applicability: 0 Head of the Meadow Road, Town of Truro:** repave parking lot; Land Subject to Coastal Storm Flowage, Coastal Dune. (Map 33, Parcel 1)
- 2. Notice of Intent: 63 Head of the Meadow Road, Jay Merchant:** construction of beach stairs within easement located on National Seashore property; Coastal Bank. (Map 33, Parcel 3):
- 3. Notice of Intent: 2 Heron Lane, Hugh Simons:** coastal bank stabilization; Coastal Bank, Land Subject to Coastal Storm Flowage. (Map 39, Parcel 221).
- 4. Request for Determination of Applicability: 18 Phat's Valley Road, John Field Revocable Trust:** cesspool upgrade; Riverfront Area, Buffer Zone to a Coastal Bank and Isolated Wetland. (Map 54, Parcel 8)
- 5. Request for Determination of Applicability: 648 Shore Road, U:9, Paul Ryder:** fence installation; Barrier Beach, Coastal Dune, Land Subject to Coastal Storm Flowage. (Map 2, Parcel 9.9)
- 6. Request for Determination of Applicability: 162 Slough Pond Road, John Jencks:** remove old septic system; Buffer Zone to a Coastal Bank. (Map 62, Parcel 4)
- 7. Notice of Intent: 10 Thornley Meadow Road, Roland & Lucia Letendre:** after-the-fact filing for beach stair replacement and beach grass trimming; Coastal Bank & Coastal Dune. (Map 53, Parcel 87) *(continued from 3/4/2024) (The applicant has requested continuation of this application until July 1, 2024)*
- 8. Extension Request:** 2 Noah's Way, SE#75-119
- 9. Field Change:** 82 South Pamet Road, SE#75-1121
- 10. Certificates of Compliance:** (1) 522 Shore Road, SE# 75-1106; (2) 2 Marian Lane, SE#75-1164; (3) 263 Shore Road: U2, SE#75-1094
- 11. Administrative Review application:** (1) 276 Shore Road – nourishment; (2) 10 Pilgrim's Path – removeable beach stairs; (3) 33 Knowles Heights Road – plantings on coastal bank and removal of dead tree; (4) 466 Shore Road-nourishment behind bulkhead



12. Minutes

Site visits: Commissioners will meet at Town Hall on Monday, May 6, 2024, at 10:00 AM and proceed to:

- (1) 162 Slough Pond Road; (2) 18 Phat's Valley Road; (3) 82 South Pamet Road; (4) 0 and 63 Head of the Meadow Road; (5) 466 Shore Road; (6) 648 Shore Road, unit 9





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

TOWN OF TRURO Municipality

APR 08 2024

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



A. General Information

1. Applicant:

Jarrold	Cabral	
First Name	Last Name	
Town Garage Complex, 17 Town Hall Road, Attn: DPW Director		
Address		
Truro	MA	02666
City/Town	State	Zip Code
508 214-0400	jcabral@truro-ma.gov	
Phone Number	Email Address	

2. Property Owner (if different from Applicant):
 (alternative contact information)

First Name	Last Name	
24 Town Hall Road, PO Box 2030		
Address		
Truro	MA	02666
City/Town	State	Zip Code
508-349-7004		
Phone Number	Email Address (if known)	

3. Representative (if any)

Patrick	Boggs	
First Name	Last Name	
GHD		
Company Name		
45 Farmington Valley Drive		
Address		
Plainville	CT	06062
City/Town	State	Zip Code
717-585-6414	patrick.boggs@ghd.com	
Phone Number	Email Address (if known)	

B. Project Description

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

0 Head of the Meadow Rd	Truro, MA 02657
Street Address	City/Town
42.05134	-70.08029
Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX)	Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX)
33	33-1-0
Assessors' Map Number	Assessors' Lot/Parcel Number

b. Area Description (use additional paper, if necessary):
 Open area with a parking lot and beach, 2.8 acres in size.

c. Plan and/or Map Reference(s): (use additional paper if necessary)

USGS Topographic Map NAD83 1:24000	2021
Title	Date
GHD Proposed Drawings, Sheet C02	2023
Title	Date

[How to find Latitude and Longitude](#)

[and how to convert to decimal degrees](#)



WPA Form 1- Request for Determination of Applicability

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

Municipality _____

B. Project Description (cont.)

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

The project includes upgrades to the Head of the Meadow beach parking lot, including a repaving the lot and altering the parking configurations. The attendant shed will be relocated.

- 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.)



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 _____

C. Determinations

1. I request the Town of Truro Conservation Commission 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

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

4/3/2024
Date

Signature of Representative (if any)

Date

TOWN OF TRURO, MASSACHUSETTS

HEAD OF THE MEADOW

PARKING LOT IMPROVEMENTS

MARCH 2024



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

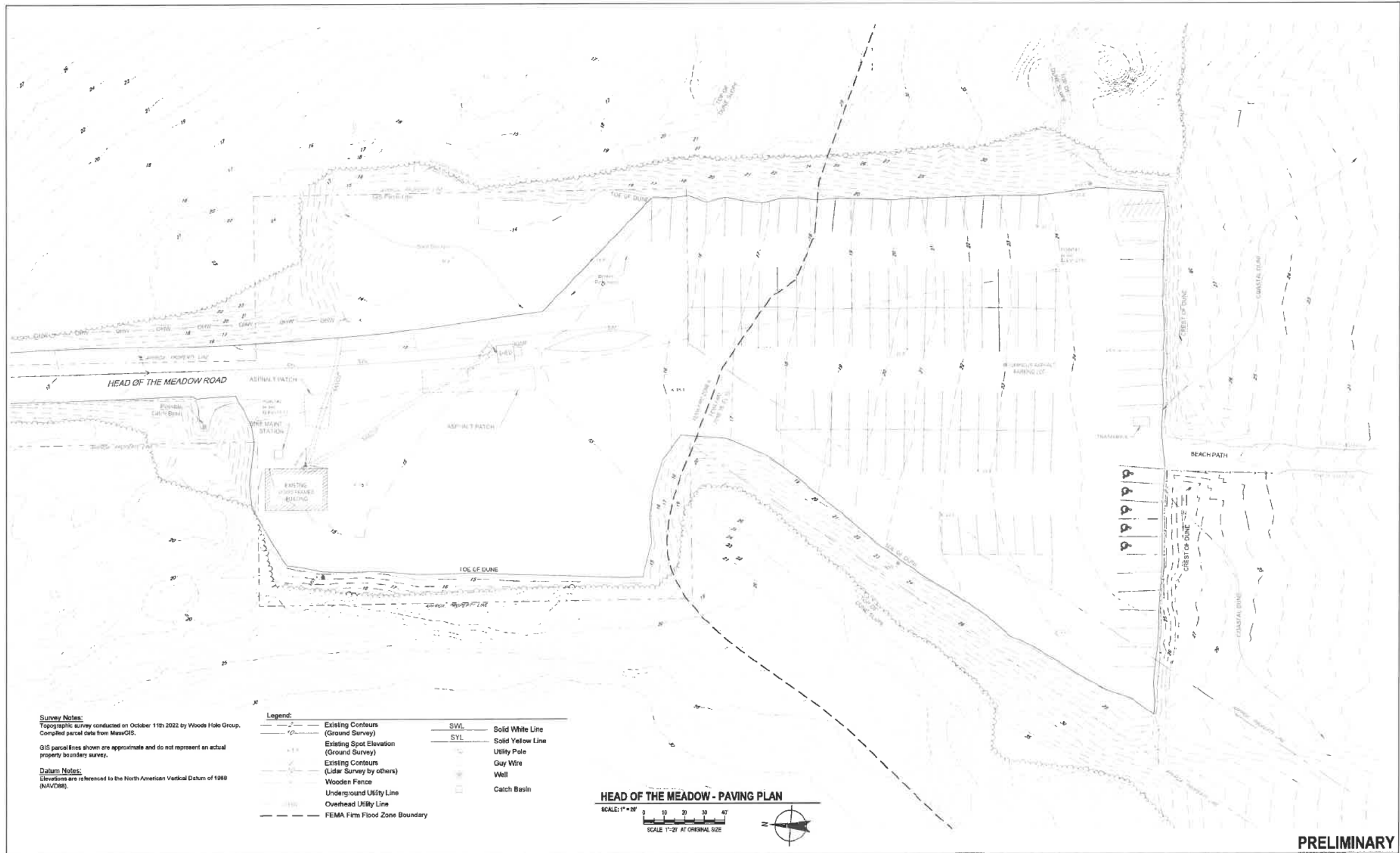


TOWN PERSONNEL

TOWN MANAGER
DARRIN TANGEMAN
DEPUTY DIRECTOR, RECREATION AND BEACH
AUSTIN SMITH
DEPARTMENT OF PUBLIC WORKS DIRECTOR
JARROD CABRAL

PRELIMINARY

<p>NOTES: UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. ANYONE USING UTILITY INFORMATION AND DATA PROVIDED HEREIN SHALL CALL ORG SAFE AT 811 SEVENTY TWO (72) HOURS, 3 BUSINESS DAYS IN ADVANCE TO VERIFY THE LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION.</p>		<p>Bar is one inch on original size sheet 0 1"</p>	<p>Conditions of Use The document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. The document may only be used by GHD's client (and any other person to whom GHD has agreed can use the document) for the purpose for which it was prepared and must not be used for any other purpose or for any other project.</p>	<p>Client: TOWN OF TRURO, MASSACHUSETTS Project: HEAD OF THE MEADOW PARKING LOT IMPROVEMENTS Project No.: 12591382 Date: MARCH 2024 Scale: AS SHOWN</p>	<p>Sheet: COVER SHEET, VICINITY & LOCATION MAPS ARCH D G01</p>
<p>A PERMITTING SUBMITTAL No. Issue Author: F. ERWIN Designer: F. ERWIN</p>	<p>PRD: RAD BAD: 03-2024 Checked: Approved: Date: Project Manager: P. BOGGS Project Director: R. DRAKE</p>				



Survey Notes:
 Topographic survey conducted on October 11th 2022 by Woods Hole Group. Completed parcel data from MassGIS.

GIS parcel lines shown are approximate and do not represent an actual property boundary survey.

Datum Notes:
 Elevations are referenced to the North American Vertical Datum of 1988 (NAVD88).

Legend:			
	Existing Contours (Ground Survey)		SWL Solid White Line
	Existing Spot Elevation (Ground Survey)		SYL Solid Yellow Line
	Existing Contours (Lidar Survey by others)		Utility Pole
	Wooden Fence		Guy Wire
	Underground Utility Line		Well
	Overhead Utility Line		Catch Basin
	FEMA Firm Flood Zone Boundary		

HEAD OF THE MEADOW - PAVING PLAN
 SCALE: 1" = 20'
 SCALE 1"=20' AT ORIGINAL SIZE

PRELIMINARY

A PERMITTING SUBMITTAL			
No.	Issue	Checked	Approved
	Author	F. BROWN	Drafting Check P. BOGGS
	Designer	F. BROWN	Design Check P. BOGGS
			Project Manager P. BOGGS
			Project Director R. DRAKE

NOTES: UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. ANYONE USING UTILITY INFORMATION AND DATA PROVIDED HEREIN SHALL CALL DIG SAFE AT 811 SEVENTY TWO (72) HOURS, 3 BUSINESS DAYS IN ADVANCE TO VERIFY THE LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION.

Bar is one inch on original size sheet

Conditions of Use
 The document and the data and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client and any other person who GHD has agreed can use the document for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

Client: TOWN OF TRURO, MASSACHUSETTS
 Project: HEAD OF THE MEADOW PARKING LOT IMPROVEMENTS
 Project No: 12591382
 Date: MARCH 2024
 Scale: AS SHOWN

Town: HEAD OF THE MEADOW ROAD EXISTING CONDITIONS PLAN
 ARCH: D
 C01



No.	Title	Author	Checked	Approved	Date
A	PERMITTING SUBMITTAL	PRB	RAD	03-29-24	
		Author	5. ERWIN	Drafting Check	P. BOGGS
		Designer	P. BOGGS	Design Check	P. BOGGS
				Project Manager	P. BOGGS
				Project Director	R. DRAKE

Bar is one inch on original size sheet
 0 1" 1"



Client: **TOWN OF TRURO, MASSACHUSETTS**
 Project: **HEAD OF THE MEADOW STORMWATER IMPROVEMENTS**
 Project No: 12591382
 Date: MARCH 2024
 Scale: AS SHOWN

PRELIMINARY
 ARCH D
 C02

APR 09 2024

63 Head of The Meadow Road, Truro

Project Narrative

The proposed work involves the construction of a 4' wide elevated timber stairway down a coastal bank. The proposed stairway will be constructed within a 10' easement. The easement crosses property owned by the National Park Service (NPS). The use of an elevated stairway across the coastal bank will minimize potential disturbance by keeping all activity off the bank and existing vegetation. This will reduce erosion, reduce impacts to existing vegetation, and protect the stability of the coastal bank. The proposed stairway will be constructed using hand tools, with no machinery or heavy equipment used. The stairway will be elevated approximately one to three feet above the natural grade. An elevated stairway allows vegetation to grow under and around the structure. The stairway will be constructed with pressure-treated lumber, and all cuttings will be done outside of the buffer area. Access to the stairway at the top of the coastal bank will be from a proposed 3' wide footpath within the buffer to the coastal bank. The footpath will be at grade and on the native soil. Vegetation along the footpath will be hand-cut, and no fill or substrate is proposed for the path. Mitigation planting is proposed within the existing path to the NPS camera array located on the top of the bank to the east of the stairway. This work will be coordinated with the NPS staff.

63 Head of The Meadow Road,
Variance Request and Alternatives Analysis

Variance Request

We respectfully request a variance to allow for the construction of an elevated timber stairway and path to safely cross the coastal bank. The stairway is located within a 10' wide easement to the water.

Alternatives analysis:

Preferred Alternative

The proposed work involves the construction of a 4' wide elevated timber stairway down a coastal bank. The proposed stairway will be constructed within a 10' easement. The easement crosses property owned by the National Park Service (NPS). Use of an elevated stairway across the coastal bank will minimize potential disturbance by keeping all activity off the bank and existing vegetation. This will reduce erosion, reduce impacts to existing vegetation, and protect the stability of the coastal bank. The proposed stairway will be constructed using hand tools, with no machinery or heavy equipment used. The stairway will be elevated approximately one to three feet above the natural grade. An elevated stairway allows vegetation to grow under and around the structure. The stairway will be constructed with pressure-treated lumber, and all cuttings will be done outside of the buffer area. Access to the stairway at the top of the coastal bank will be from a proposed 3' wide footpath within the buffer to the coastal bank. The footpath will be at grade and on the native soil. Vegetation along the footpath will be hand-cut, and no fill or substrate is proposed for the path. Mitigation planting is proposed within the existing path to the NPS camera array located on the top of the bank to the east of the stairway. This work will be coordinated with the NPS staff.

Alternative 2 - Construct the elevated stairway in an alternative location.

There are no alternative locations for the elevated stairway. The NPS has determined the stairway can only be constructed within the existing 10' easement to the water.

Alternative 3 - Construct the stairway directly on the coastal bank within the 10' easement.

The stairway could be constructed directly on the coastal bank. This design results in greater direct and indirect impacts on the coastal bank. Unlike an elevated stairway, an at-grade staircase will displace all vegetation within the footprint of the structure. An at-grade staircase can also interrupt stormwater run-off across and down a coastal bank, resulting in potential channeling and increased bank erosion around the structure.

Elevated stairways are recommended by the Massachusetts Department of Environmental Protection (DEP) and the Massachusetts Coastal Zone Management (CZM) as the preferred method of crossing coastal banks. Please refer to the DEP/CZM document "Applying the Massachusetts Coastal Wetlands Regulations, A Practical Manual for Conservation Commissions

to Protect the Storm Damage Protection and Flood Control Functions of Coastal Resource Areas."

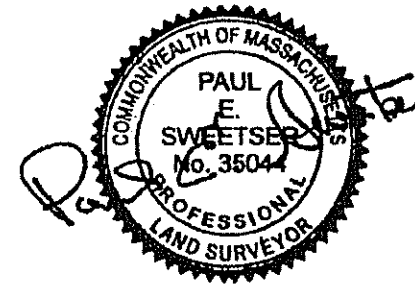
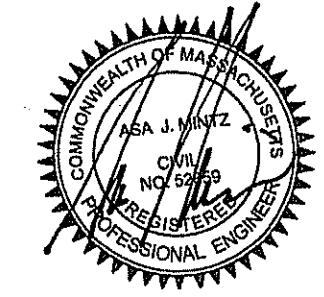
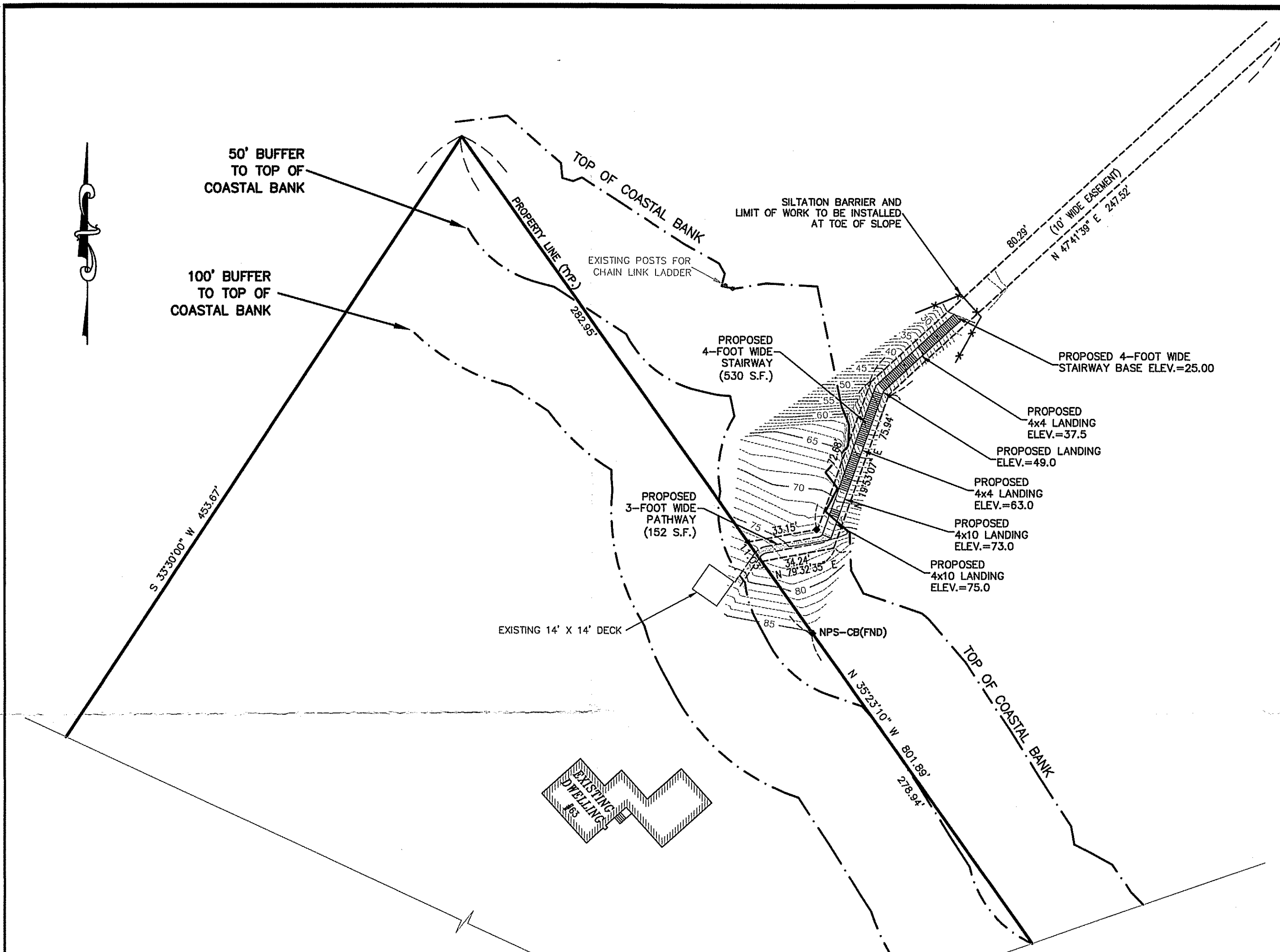
"Elevated walkways, boardwalks, and stairways are preferred to at-grade pathways on a coastal bank for pedestrian traffic because they typically minimize the trampling of vegetation, reduce the erosion of the bank sediments, and maintain one general location for access". Page 3-51

SITE INFORMATION

ADDRESS: 63 HEAD OF THE MEADOW ROAD, TRURO
 MAP/LOT: 33/3
 DEED REFERENCE: CTF. 229784

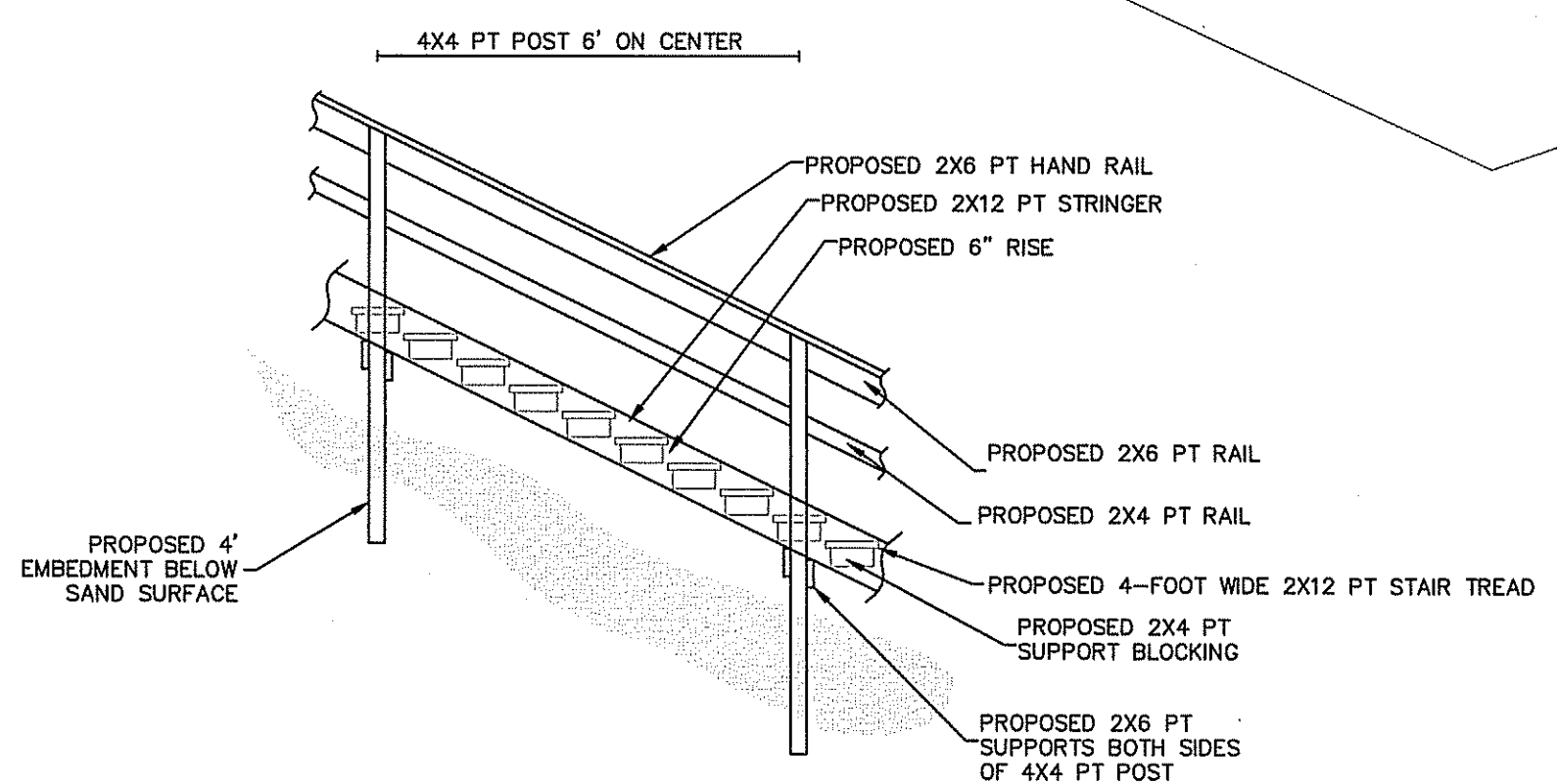
GENERAL NOTES:

1. NONE OF THE SUBJECT WORK IS WITHIN THE LIMITS OF A FEMA FLOOD HAZARD ZONE AS SHOWN ON PANEL NO. 25001C0137J, EFFECTIVE DATE JULY 16, 2014.
2. VERTICAL DATUM IS NAVD88
3. COASTAL BANK SURVEYED BY DEMAREST SURVEYING ON OR ABOUT APRIL 22, 2022.
4. ADDITIONAL SURVEY WORK BY PAUL E. SWEETSER, PROFESSIONAL LAND SURVEYOR BETWEEN APRIL 18 AND 21, 2022.
5. ALL WORK SHALL BE CONFINED TO WITHIN THE 10' WIDE EASEMENT AREA. NO WORK SHALL EXTEND OUTSIDE OF THE EASEMENT.

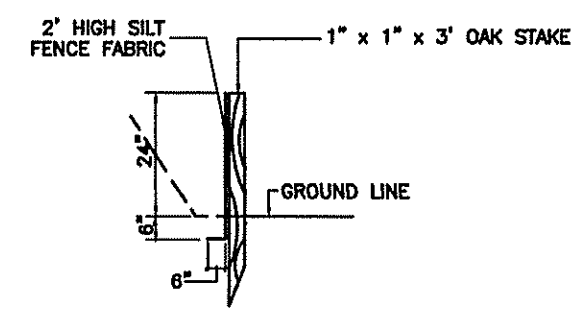


AM SITE DESIGN, LLC
 Residential Site Design and Permitting
 4 CRESTVIEW DRIVE
 EAST SANDWICH, MA 02537
 PHONE: (508) 400-2365

LOCATION: 63 HEAD OF THE MEADOW ROAD TRURO, MA		Conservation Commission TOWN OF TRURO
CLIENT: NEWCOMB KNOLLS, C/O JAY MERCHANT 569 MAIN STREET BREWSTER, MA 02631		APR 00 2024
DRAWING TITLE: STAIRWAY PLAN		
SCALE: 1"=40'	DATE: 2/22/2024	DRAWING NO.: 1 OF 1



PROPOSED STAIR DETAIL
 NOT TO SCALE



SILT FENCE DETAIL
 NOT TO SCALE

REVISIONS		
NO.	DATE	DESCRIPTION



DIVISION OF FISHERIES & WILDLIFE

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

MASSWILDLIFE

May 02, 2024

Jay Merchant
569 Main Street
Brewster, Massachusetts 02631

Truro Conservation Commission
P.O. Box 2030
Truro, MA 02666

RE: Applicant: Jay Merchant
 Project Location: 63 Head of the Meadow Road
 Project Description: Elevated Stairway over Coastal Bank
 DEP Wetlands File No.: 075-1201
 NHESP File No.: **24-18386**

Dear Commissioners and 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:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Taxonomic Group</u>	<u>State Status</u>
<i>Charadrius melodus</i>	Piping Plover	Bird	Threatened
<i>Sternula antillarum</i>	Least Tern	Bird	Special Concern

These species and their habitats are protected in accordance with the rare species provisions of the WPA and the MESA.

The purpose of the Division's review of the proposed project under the WPA regulations is to determine whether the project will have any adverse effects on the Resource Areas Habitats of state-listed species. The purpose of the Division's review under the MESA regulations is to determine whether a Take of state-listed species will result

from the proposed project.

Based on the information provided and the information contained in our database, it is the opinion of the Division that this project, as currently proposed, **must be conditioned in order to avoid adverse effects to the Resource Area Habitats of state-listed wildlife species (310 CMR 10.37, 10.58(4)(b), 10.59) and must be conditioned in order to avoid a prohibited Take of state-listed species (321 CMR 10.18(2)(a)).** **To avoid adverse effects to the Resource Area Habitats and to avoid a prohibited Take of state-listed species, the conditions attached to this letter must be met.**

Provided these conditions are included in any approving Orders of Conditions issued by the Conservation Commission, and the applicant complies with all the attached conditions, the project will not result in an adverse impact to the resource area habitats of state-listed wildlife species pursuant to the WPA and will not result in a prohibited Take pursuant to the MESA. A copy of the final Order of Conditions shall be sent to the NHESP simultaneously with the applicant as stated in the Procedures section of the WPA (310 CMR 10.05(6)(e)).

This determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.18. Any changes to the proposed project or any additional work beyond that shown on the site plans may require an additional filing with the Division pursuant to the MESA. This project may be subject to further review if no physical work is commenced within five years from the date of issuance of this determination, or if there is a change to the project.

Please note that this determination addresses only the matter of state-listed species and their habitats. If you have any questions regarding this letter please contact Emily Holt, Endangered Species Review Assistant, at Emily.Holt@mass.gov, (508) 389-6385.

Sincerely,



Jesse Leddick
Assistant Director

cc:

Attachment: List of Conditions

List of Conditions

Applicant: Jay Merchant
Project Location: 63 Head of the Meadow Road
Project Description: Elevated Stairway over Coastal Bank
NHESP File No.: 24-18386
Heritage Hub Form ID: RC-85630
Approved Plan: Stairway Plan
Plan date: 2/22/2024

To avoid adverse effects to the Resource Area Habitats and to avoid a prohibited Take of state-listed species, the following condition(s) must be met:

1. **Time of Year Restriction:** Work associated with stair construction shall not be conducted during the period April 1 – August 31.
2. **State-listed Species Protection:** The applicant has the responsibility of protecting breeding Piping Plovers or state-listed species of terns that may be on this section of beach. Therefore, the applicant must allow regular monitoring for the presence of Piping Plovers and terns by a qualified shorebird monitor, as determined by the Division, during the period April 1 – August 31 and shall allow any nests, scrapes, or unfledged chicks to be protected with symbolic fencing (warning signs and twine fencing).
3. **Authorization Duration:** This authorization is valid for 5 years from the date of issuance. Work may be completed at any time during this 5-year period in compliance with the conditions herein. Thereafter, the Applicant must re-file pursuant to the MESA.
4. **Notice:** Upon filing for renewal, extension, or amendment of the Orders of Conditions, the Applicant shall contact the Division for written response regarding impacts to Resource Area habitat of state-listed wildlife.

APR 13 2024

Notice of Intent
2 Heron Lane, Truro

PROJECT NARRATIVE

1. Introduction

The proposed project consists of coastal bank stabilization and protection with biodegradable (coir) measures located at 2 Heron Lane in Truro (the Site). The Town of Truro Assessors Department references the site as Map 39, Parcel 221. The proposed project occurs within the limits of several coastal wetland resource areas and is intended to protect an existing dwelling built after 1978. The project will enhance the stability of the existing coastal bank and provide nourishment/plantings to increase the longevity of the biodegradable measures. This application is being submitted in accordance with the *Massachusetts Wetlands Protection Act* and the *Truro Conservation Bylaw*.

2. Site Description

The Site consists of a single-family dwelling located on a 1.06 acres at the end of Heron Lane. The Site also includes a shell driveway and parking area, deck and landscaped areas with native and ornamental plantings. The Site is surrounded by single-family dwellings to the east, south and north, with Cape Cod Bay on the west. Environmental Consulting & Restoration, LLC (ECR) performed an initial evaluation of existing Site conditions on April 11 (see photograph pages attached). The dwelling is approximately 28 feet landward of the top of bank. As a result of the field work and review of available environmental databases, ECR confirms that the site contains the following wetland resource areas and areas of Conservation Commission jurisdiction:

- Coastal Bank;
- Coastal Beach;
- 100-foot Buffer Zone to a Coastal Bank; and,
- Land Subject to Coastal Storm Flowage (FEMA Flood Zone VE el. 15 ft.).

Notes:

1. The Site is not located within an area mapped as Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (NHESP).
2. The project is not located within Ch. 91 tidelands jurisdiction.
3. The Site is not located within an Area of Critical Environmental Concern (ACEC).

3. Proposed Activities

The purpose of this application is to authorize and maintain the proposed Coastal Bank stabilization project described below. The proposed project occurs within three wetland resource areas, specifically Coastal Bank, Coastal Beach and Land Subject to Coastal Storm Flowage (LSCSF). The proposed project will involve the following activities:

- Establish the Limit of Work – Prior to the start of work, the work limits will be established in the field around the proposed project area.
- Construction Access – All materials and equipment used in the project will be delivered to and from an approved public landing permitted by the Board of Selectmen. No other property, public or private, will be utilized for access or construction.
- Install Coastal Bank Stabilization Measures– The coastal bank stabilization design uses a 4-foot high coconut fiber (coir) log array consisting of 4-5 rows of logs installed along the toe of the Coastal Bank for a distance of 142 linear feet. The major component of the array is a dense 20-inch diameter coir log that is stacked in rows on a 1.5:1 slope. Each row is connected to the next with a braided cable and tied back into the bank with duck-billed anchors. Initially, a small excavator will be used to excavate a 2-foot deep trench in the beach at the toe of the bank. This will provide for the location of the bottom row of coir fiber log. The second row may also be partially located in the trench. We estimate that the trenching will temporarily impact 250 square feet of beach. The excavated beach sand will be used to cover the logs laid against the existing slope of the bank. The bank will not be

-2-

excavated. The proposed project has been designed to protect an existing single-family dwelling and enhance the stability of an existing Coastal Bank. It is a biodegradable design, or "soft solution", and is not a coastal engineering structure (CES).

- Native Planting Activities – Once installation of the coir log array has been completed, the entire slope will be hand planted with bare root culms of American Beachgrass (*Ammophila breviligulata*). Plantings will include 2 culms of beachgrass planted approximately 8 inches deep and 18 inches on center. All beachgrass plantings shall be completed in early spring (prior to May 1st) or late fall (after October 31st).

4. Analysis of Performance Standards

The proposed project is located within a Coastal Bank, Coastal Beach and LSCSF. The activities are subject to the *Massachusetts Wetlands Protection Act*, the associated *Massachusetts Wetland Regulations (310 CMR 10.00)*, the *Truro Conservation Bylaw (Chapter VIII)*, and the associated *Conservation Regulations* for the *Bylaw*. Specifically, the proposed project is subject to the state performance standards under 310 CMR 10.27(3) for Coastal Beach and 310 CMR 10.30(4 and 6) for Coastal Bank, and to the town performance standards under Section 2.04 d., 3., i-iii and x, in addition to e. General requirements 1-8, for Coastal Bank, and Section 2.05 c., 1., i-vi for LSCSF. Below, the performance standards are shown in italics to include an analysis of how the proposed project meets those specific standards directly below.

310 CMR 10.27 Coastal Beach

- (3) *Any project on a coastal beach, except any project permitted under 310 CMR 10.30(3)(a), shall not have an adverse effect by increasing erosion, decreasing the volume or changing the form of any such coastal beach or an adjacent or downdrift coastal beach.*

The coir logs are a "soft solution" and will not increase erosion. A trench will be dug along the upper beach adjacent to the bottom of the bank for the installation of 1-2 rows of the logs. All excavated sediment will be regraded to match the adjacent beach and reused as cover material for the coir logs. Therefore, the volume and form of the beach will not be changed.

310 CMR 10.30 Coastal Banks

WHEN A COASTAL BANK IS DETERMINED TO BE SIGNIFICANT TO STORM DAMAGE PREVENTION OR FLOOD CONTROL BECAUSE IT SUPPLIES SEDIMENT TO COASTAL BEACHES, COASTAL DUNES OR BARRIER BEACHES, 310 CMR 10.30(3) THROUGH (5) SHALL APPLY:

- (4) *Any project on a coastal bank or within 100 feet landward of the top of a coastal bank, other than a structure permitted by 310 CMR 10.30(3), shall not have an adverse effect due to wave action on the movement of sediment from the coastal bank to coastal beaches or land subject to tidal action.*

The cover material used to protect the coir logs will also serve as a sediment supply for the beach. In the spring, after winter storm season, additional sand will be applied to those eroded areas and exposed logs to a depth of 18 inches. The ongoing annual maintenance of the cover material will avoid the potential adverse effects due to wave action on the movement of sediment from the coastal bank to coastal beaches.

WHEN A COASTAL BANK IS DETERMINED TO BE SIGNIFICANT TO STORM DAMAGE PREVENTION OR FLOOD CONTROL BECAUSE IT IS A VERTICAL BUFFER TO STORM WATERS, 310 CMR 10.30(6) THROUGH (8) SHALL APPLY:

- (6) *Any project on such a coastal bank or within 100 feet landward of the top of such coastal bank shall have no adverse effects on the stability of the coastal bank.*

The proposed project will improve the stability of the bank by reducing the undercutting of storm waves that lead to gravitational slides and bank failure.

Section 2.04 Coastal Bank

d.3. *When a Coastal Bank is determined to be significant to storm damage prevention or flood control because it supplies sediment to coastal beaches, coastal dunes or barrier beaches the following performance standards shall apply:*

i. *... the Commission requires extensive planting of the coastal bank as part of any erosion control project, including re-planting as on-going maintenance in all projects.*

The proposed "Native Planting Activities", described above in Section 3, will meet this standard.

ii. *... a sufficient quantity of beach nourishment and "sacrificial" sand will be provided as part of the project to ensure that the movement of sediment and sediment supply will not be adversely affected by the project.*

Initially, the excavated sand will be used to meet this standard. In the spring, after winter storm season, additional sand will be applied to those eroded areas and exposed logs to a depth of 18 inches. The ongoing annual maintenance of the cover material will avoid the potential adverse effects due to wave action on the movement of sediment from the coastal bank to coastal beaches.

iii. *... Projects shall fully comply with the "sample order of conditions for coir tube projects" in order to be permitted on the bay side of Truro as set forth.*

In Appendix D of the *Truro Conservation Regulations*, the model order on application for coastal erosion control projects is provided. All stated Findings, Special Conditions and Additional General Conditions, totaling 28 items, will be met.

x. *... the property owner establish an escrow account with the Town of Truro in accordance with the requirements of the Model Escrow Agreement (Appendix E) ...*

In Appendix E of the *Truro Conservation Regulations*, the provisions for the escrow account are provided which, among other commitments, require an amount of \$5,000 to be established. Once the project has been approved, an Order of Conditions has been issued and prior to construction, the *Escrow Agreement* will be executed between the Town and the Owner.

Section 2.05 Land Subject to Coastal Storm Flowage

c.1. *In addition to the interests and values set forth ... in Sections 2.05(a) and (b), the following standards shall also be applied to work within LSCSF:*

Any activity subject to jurisdiction, and proposed on LSCSF shall not:

- i. Reduce the ability of the land to absorb and contain flood waters;*
- ii. Reducing the ability of the resource to buffer more inland areas from flooding and wave damage;*
- iii. Displace or divert flood waters to other areas;*
- iv. Cause or create the likelihood of damage by debris to other structures of land within the flood plain (collateral damage);*
- v. Cause ground or surface pollution triggered by coastal storm flowage; and*
- vi. Reduce the ability of the resource to serve as a wildlife habitat and migration corridor through activities such as, but not limited to the removal of vegetative cover and/or installation of fencing and other similar structures.*

The biodegradable or "soft-solution" erosion control project (800 s.f.) will increase, not reduce, the ability of the land to buffer more inland areas from flooding and wave damage. Since the project will be constructed along the Coastal Bank, not perpendicular to it, flood waters will not be displaced or diverted to other areas. No collateral damage can occur since there are no other structures immediately adjacent to the Site.

5. Summary

The proposed erosion control project is intended to protect a dwelling located at 2 Heron Lane, enhance the stability of the existing coastal bank and provide annual nourishment to offset the potential loss of a sediment supply. Construction control measures will be implemented and maintained throughout the duration of the construction process to prevent any negative impacts to environmentally sensitive areas. Disturbed areas will be stabilized upon the completion of work. Based on the information provided in the WPA Form and the Project Narrative, the project protects the interests of the *Massachusetts Wetlands Protection Act* and the *Truro Conservation Bylaw* for the adjacent Resource Areas and the Applicant respectfully requests an Order of Conditions approving the project.



Photograph #1 – View looking northwest along the toe of the bank onsite.



Photograph #2 - View looking southeast along the toe of the bank onsite.



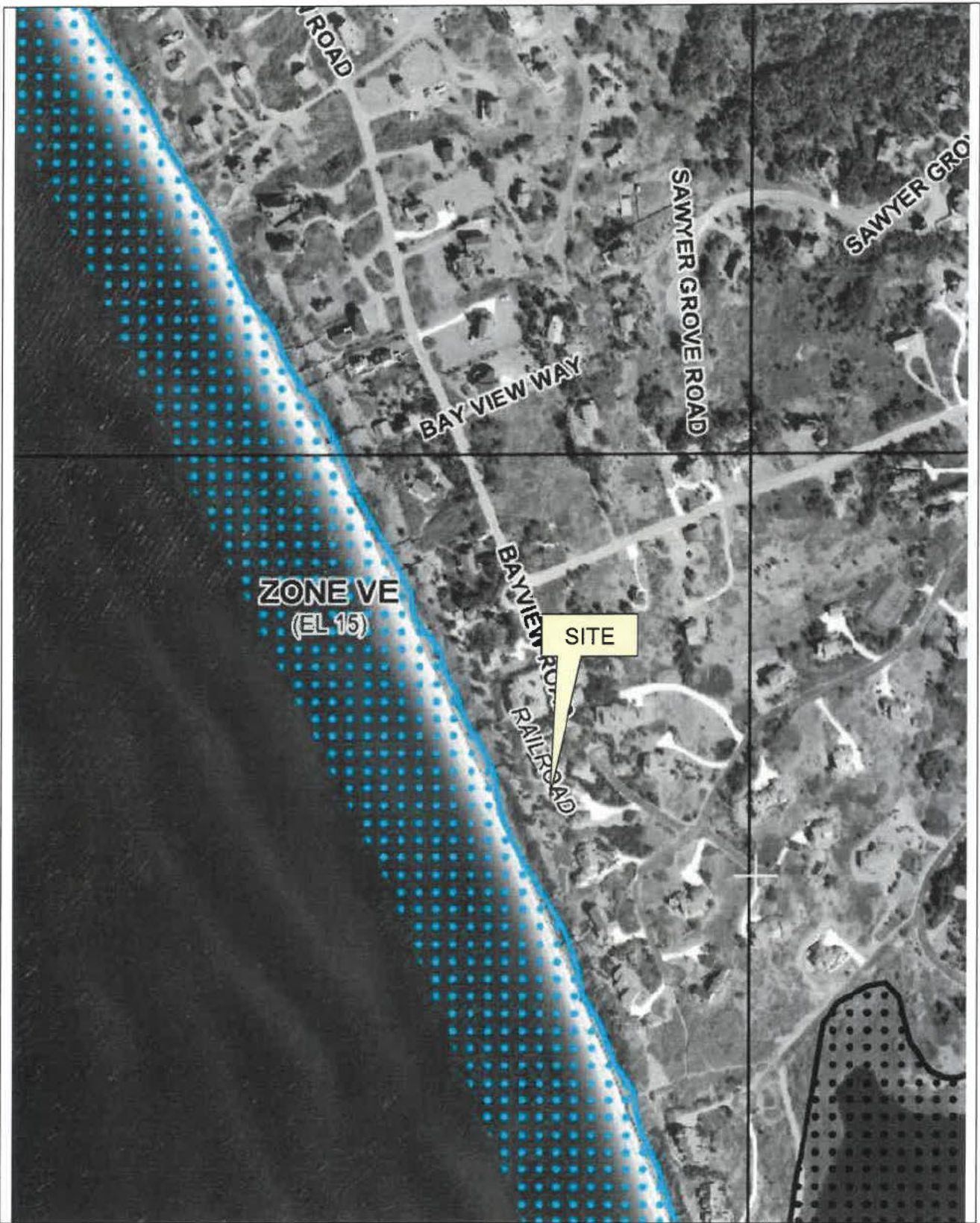
Photograph #3 – View looking landward from the coastal beach toward the bank at 2 Heron Lane.



USGS SITE LOCUS MAP
2 Heron Lane
North Truro, Massachusetts

Source: MassMapper – USGS Topographic Quadrangle Images





FEMA F.I.R.M
2 Heron Lane
North Truro, Massachusetts

Source: FEMA Map 25001C0139J Eff: 07/16/2014





**Priority Habitats of Rare Species, Estimated Habitat of Rare Wildlife
& Certified Vernal Pools Map
2 Heron Lane
North Truro, Massachusetts**

Source: MassMapper – 15th Edition of the MA Natural Heritage Atlas 2021

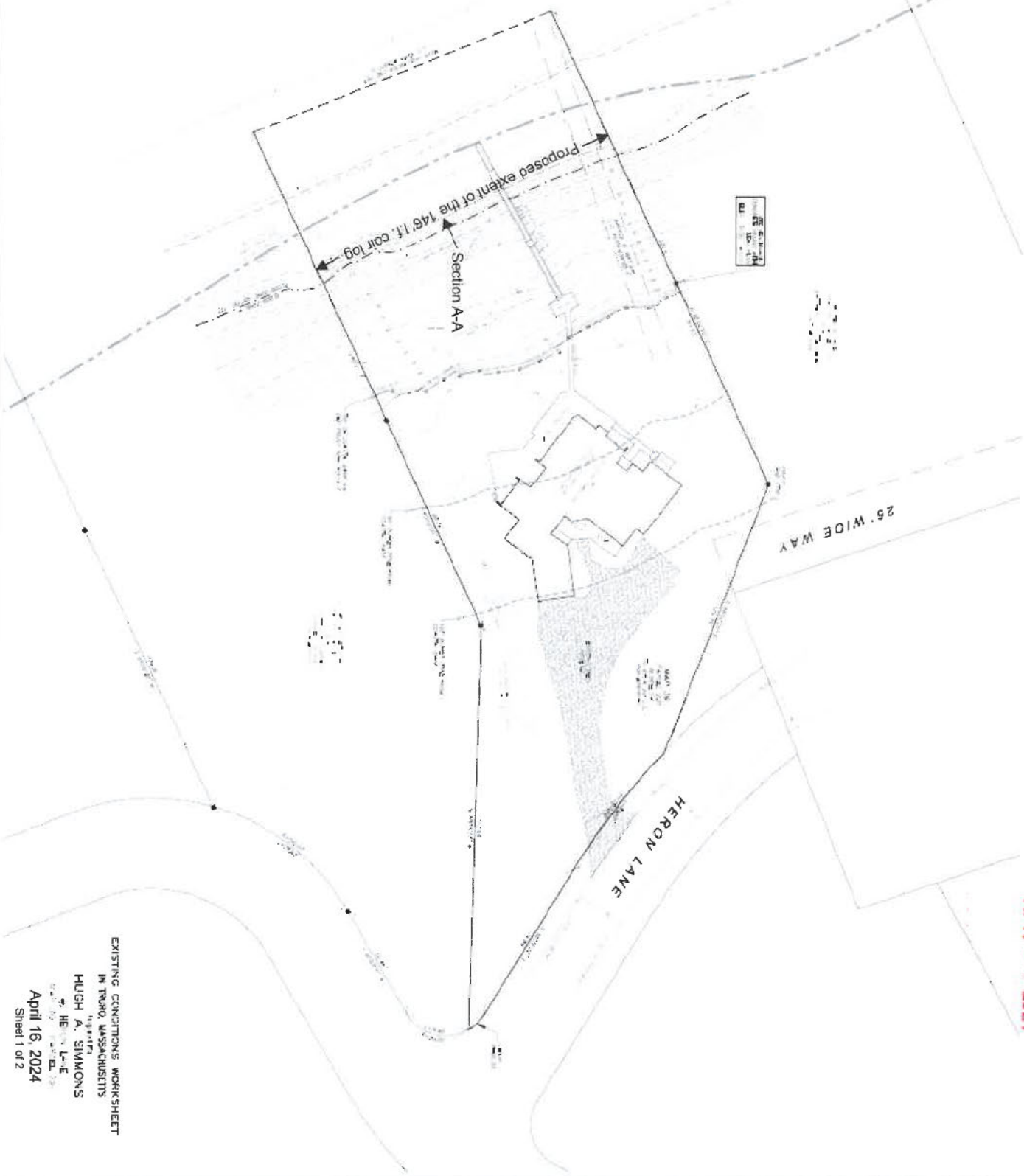




CAPE COD BAY



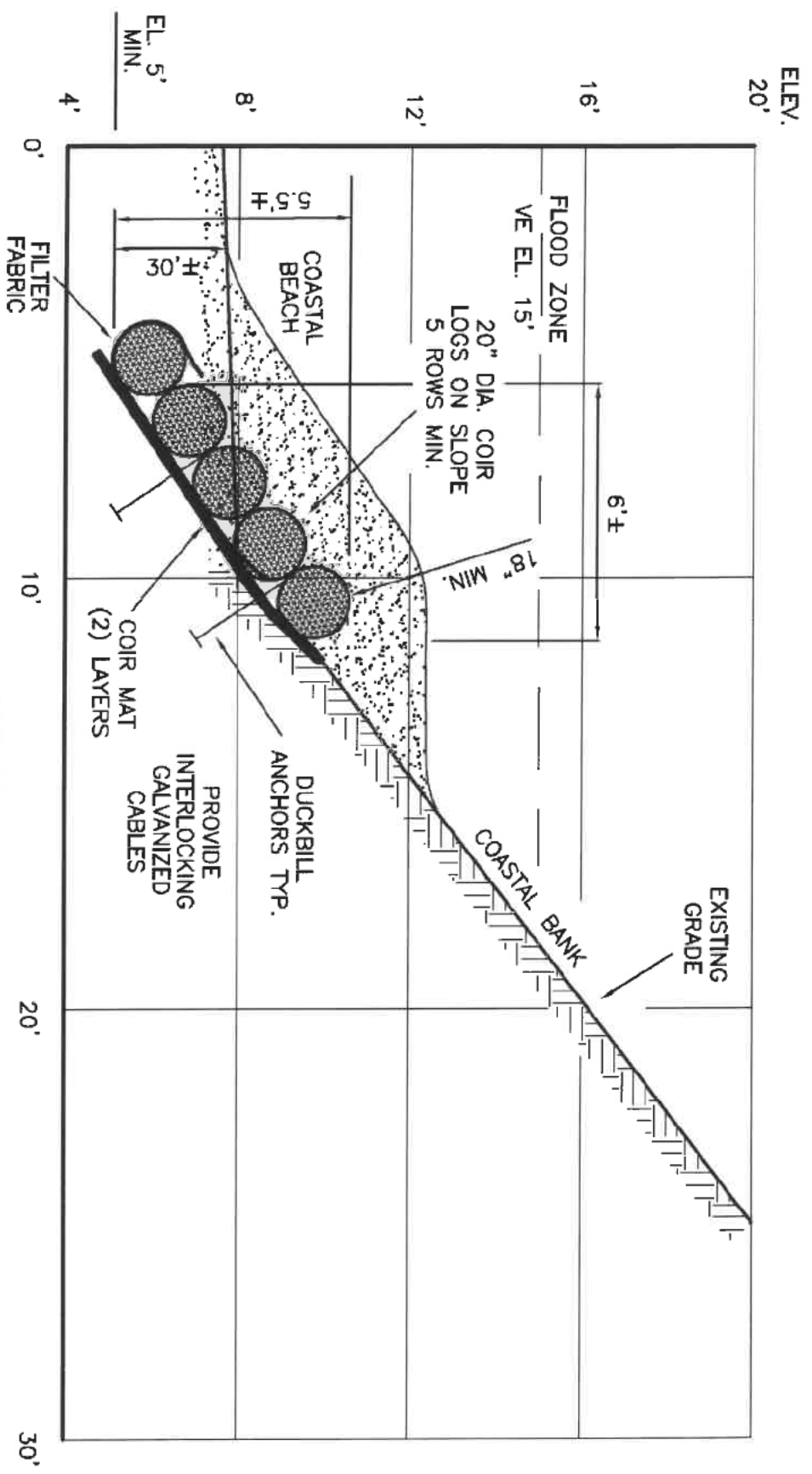
PLAN SCALE
1 inch = 40 feet



Conservation Commission,
TOWN OF TRURO
APR 19 2024

EXISTING CONDITIONS WORKSHEET
IN TRURO, MASSACHUSETTS
BY
HUGH A. SIMMONS
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
April 16, 2024
Sheet 1 of 2

NOTE:
 PROPOSED EROSION CONTROL DESIGN PER
 "ENVIRONMENTAL CONSULTING & RESTORATION, LLC"



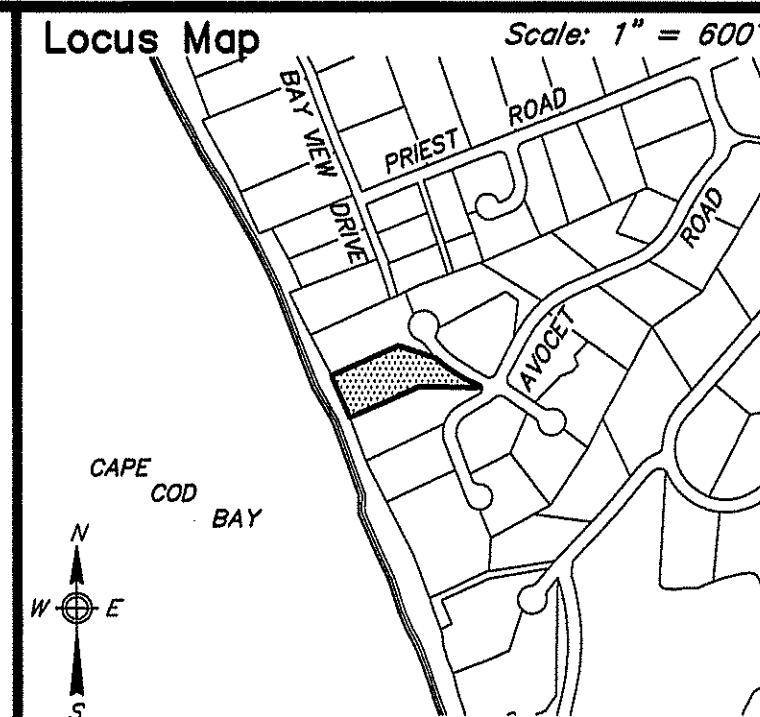
SECTION A-A
 SCALE: 1"=5'

MASS COORDINATE SYSTEM
MAINLAND ZONE MERIDIAN
DETERMINED USING A
CARLSON BRX7 GPS RTK UNIT
COLLECTION DATE 03/22/2024

#4 HERON LANE
MAP 39 PARCEL 220
N/F
MATTHEW R. GOTTESDIENER
L.C. Cert. #226882

MAP 39
PARCEL 221
46,261± S.F.
TO M.H.W. per L.C.
Plan #34195-C

#15 AVOCET ROAD
MAP 39 PARCEL 222
N/F
RICHARD F. SUMMERS
RONNIE L. BLOOM
L.C. Cert. #206624



Notes

- LOCUS: #2 HERON LANE MAP 39 PARCEL 221
- OWNER: HUGH A. SIMONS, Trustee
THE HUGH A. SIMONS LIVING TRUST
P.O. BOX 1113
NORTH TRURO, MA 02652
- DEED REF: L.C. Cert. #222824
- PLAN REF: L.C. Plan #34915-C (LOT 19)
- A PORTION OF THE LOCUS DOES FALL WITHIN SPECIAL FLOOD HAZARD ZONE "VE" (EL. 15) AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP No. 25001C-0139-J effective 07/16/2014.
- LOCUS DOES NOT FALL WITHIN THE NATURAL HERITAGE and ENDANGERED SPECIES PROGRAM (NHESP) AREAS OF ESTIMATED HABITATS OF RARE WILDLIFE and PRIORITY HABITATS OF RARE SPECIES.
- THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, SUPERVISION, TOOLS, EQUIPMENT, FUEL, POSER, SANITARY FACILITIES AND INCIDENTALS NECESSARY FOR THE FURNISHING, PERFORMANCE AND COMPLETION OF WORK.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF PERSONNEL AND PROTECTION OF PROPERTY AT THE SITE OR ADJACENT THERETO INCLUDING TREES, SHRUBS, LAWNS, PAVEMENTS, ROADWAYS, STRUCTURES, AND UNDERGROUND UTILITIES NOT DESIGNED FOR REMOVAL, RELOCATION OR REPLACEMENT.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION REQUIRED FOR THE INSTALLATION OF THE PROPOSED COASTAL STABILIZATION SYSTEM.
- THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM THE ACCUMULATION OF WASTE MATERIAL AND OTHER DEBRIS RESULTING FROM THIS WORK.
- THE WORK ACTIVITY SHALL OCCUPY A MINIMUM AREA TO ACCOMPLISH THE INSTALLATION OF THE COASTAL STABILIZATION SYSTEM. EQUIPMENT AND MATERIALS HANDLING SHALL BE IN ACCORDANCE WITH THE WORK PROTOCOL SUBMITTED WITH THE NOTICE OF INTENT, THE RESULTING ORDER OF CONDITIONS AND AS DIRECTED BY THE TRURO CONSERVATION AUTHORITIES.
- THE CONTRACTOR SHALL OBTAIN A COPY OF THE ORDER OF CONDITIONS ISSUED FOR THE PROJECT BY THE TRURO CONSERVATION COMMISSION PRIOR TO THE START OF ANY WORK.
- NO DEVIATION FROM THE DESIGN PLAN SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING ALL DISTURBED AREAS TO MATCH THE EXISTING CONDITION UPON COMPLETION OF THE COASTAL STABILIZATION UNLESS OTHERWISE INSTRUCTED.

Conservation Commission
TOWN OF TRURO
APR 17 2024
CW

CAPE COD BAY

HERON LANE

AVOCET ROAD

25' WIDE WAY

APPROXIMATE LIMIT OF ABUTTING COASTAL STABILIZATION SYSTEM (TYP.)

SITE BENCHMARK:
CONCRETE BOUND WITH
LEAD PLUG
ELEV.: 51.00 (NAVD88)

CB/LP
FND. (TYP.)

EXISTING SHELL DRIVEWAY

APPROXIMATE S.A.S. PER RECORD AS-BUILT

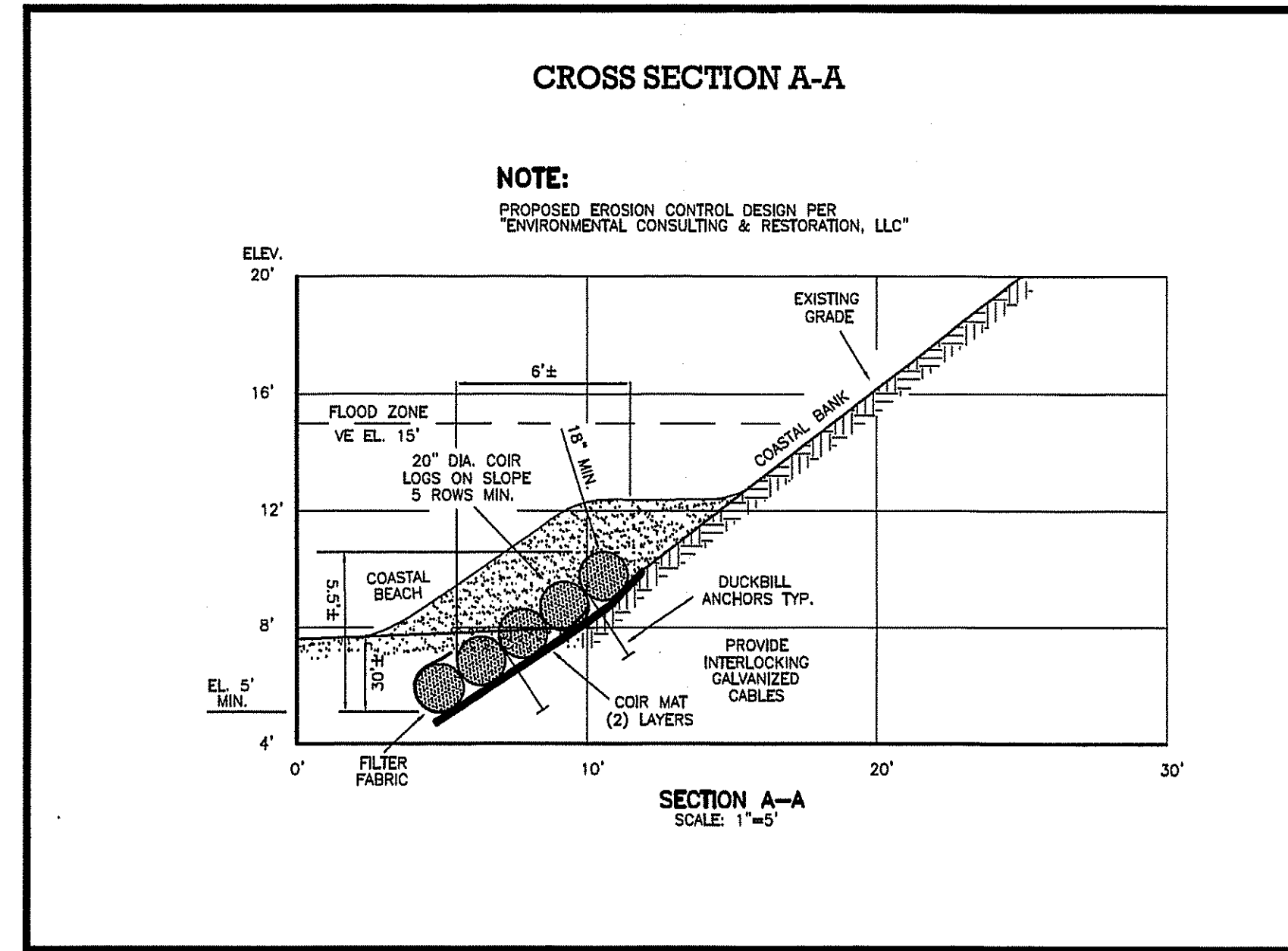
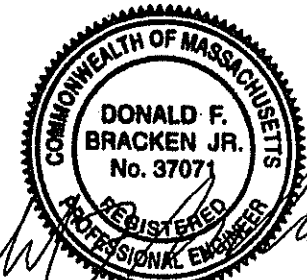
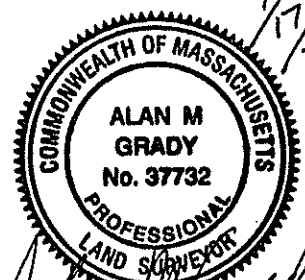
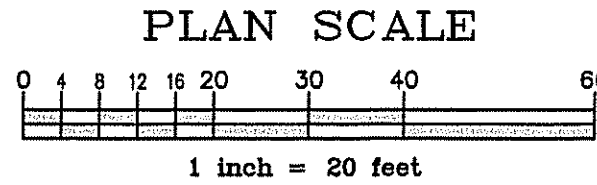
10' WIDE EASEMENT TO NEW BEDFORD GAS AND EDISON LIGHT COMPANY
SEE L.C. Doc. #253,741

LIMIT OF WORK / SAND FILL

PROPOSED COIR ENVELOPE ARRAY
(SEE CROSS SECTION A-A)

ADJUST COIR ROLLS AROUND POSTS AS REQUIRED

WRAP ENVELOPES INTO EXISTING BANK TO TERMINATE (TYP.)



Prepared By:
BRACKEN ENGINEERING, INC.
49 HERRING POND ROAD
BUZZARDS BAY, MA 02532
(tel) 608.833.0070
(fax) 608.833.2292

19 OLD SOUTH ROAD
NANTUCKET, MA 02554
(tel) 608.325.0044
www.brackeneng.com

**COASTAL STABILIZATION PLAN
IN TRURO, MASSACHUSETTS**

Prepared For:
**THE HUGH A. SIMONS
LIVING TRUST**
#2 HERON LANE
MAP 39 PARCEL 221

No.	Date	Revision Description	By

Date: APRIL 17, 2024 Drawn: JPH/BEI Checked: DFB/AMG Sheet: 1 of 1



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

Truro
Conservation Commission
Municipality
TOWN OF TRURO

MAR 27 2024

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:

Peter _____ Field _____
 First Name Last Name

371 Madison Street, Apt. 508 _____
 Address

New York _____ NY _____ 10002 _____
 City/Town State Zip Code

2. Property Owner (if different from Applicant):

John Field Revocable Trust _____
 First Name Last Name

c/o same as above _____
 Address

_____ _____ _____
 City/Town State Zip Code

_____ _____
 Phone Number Email Address (if known)

3. Representative (if any)

Laura _____ Schofield _____
 First Name Last Name

Schofield Brothers of Cape Cod _____
 Company Name

PO Box 101 _____
 Address

Orleans _____ MA _____ 02653 _____
 City/Town State Zip Code

508.255.2098 _____ schobro@capecod.net _____
 Phone Number Email Address (if known)

B. Project Description

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

18 Phats Valley Road _____ Truro _____
 Street Address City/Town

41.9836N _____ -70.0708W _____
 Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX) Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX)

54 _____ 8 _____
 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):

See Attached Narrative

c. Plan and/or Map Reference(s): (use additional paper if necessary)

Proposed Sewage Disposal System for: An Existing 4 Bedroom Dwelling _____ 3/26/24 _____
 Title Date

At: 18 Phats Valley Road, Truro MA" _____
 Title Date



B. Project Description (cont.)

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

Please refer to attached narrative and summary.

- 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).

Please refer to attached narrative and summary.

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.)
-



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1 - Request for Determination of Applicability Truro
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Municipality

C. 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 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:

Truro
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.

Laura Schabiel 3/8/24
Signature of Applicant Representative Date

[Signature] 3/6/24
Signature of Representative (if any) Applicant Date

SCHOFIELD BROTHERS OF CAPE COD
Land Surveying and Environmental Permitting
161 Cranberry Highway
P.O. Box 101
Orleans, MA 02653-0101
508-255-2098 - 508-240-1215 (fax)
E-mail: schobro@capecod.net

**Narrative to Accompany
a Request for Determination of Applicability
at 18 Phats Valley Road in Truro, Massachusetts**

Area and Project Description

The subject property is a 1.00 acre lot located on Phats Valley Road. The old railroad bed traverses the property in a north south direction. A four bedroom dwelling built in 1830 exists on the site. The dwelling is currently served by three cesspools and is being upgraded to a Title 5 septic system to comply with the Truro Board of Health Regulations.

Wetland Resource Areas

Inland Wetland Resource Areas

Isolated Land Subject to Flooding – Shrub Swamp

There is a large, isolated shrub swamp behind the house to the south. As Isolated Land Subject to Flooding the shrub swamp has no 100 foot buffer zone under the Massachusetts Wetlands Protection Act, but it does have a 100 foot buffer zone pursuant to the Truro Conservation Regulations. The shrub swamp does not contain certified vernal pool habitat. Endangered Species habitat does not overlap any of the property according to the August 1, 2021 Priority and Estimated Habitats – 15th Edition of the Natural Heritage Atlas by the Natural Heritage and Endangered Species Program.

Coastal Wetland Resource Area

Riverfront Area

The existing house faces the Pamet River Estuary to the north. The property is almost entirely within the Riverfront Area to the southerly branch of the Pamet River.

Salt Marsh

The salt marsh associated with the estuary is divided by the old railroad bed and lies to the north of the existing dwelling.

Land Subject to Coastal Storm Flowage

Land Subject to Coastal Storm Flowage overlaps a portion of the property and is an AE Zone delineated by elevation 12.

Coastal Bank

There are two coastal banks upland of the salt marsh and land subject to coastal storm flowage. The coastal banks follow the upland areas around the railroad bed. The coastal banks are characterized by “Figure 2” of the DEP Policy 92-1 for delineating coastal banks.

Please refer to the site plan for the location of the wetland resource areas. The 100 foot buffer zone to the most landward resource area, the coastal bank, is also shown on the plan.

Work Description

A 1500 gallon septic tank, a distribution box and a soil absorption system comprised of plastic chambers in trench configuration are proposed to replace the three existing cesspools. The new septic tank is located within an existing grassy area around the existing dwelling and the soil absorption system is located within the old railroad bed to minimize the removal of vegetation and also to maximize the setback distances to all coastal resource areas and the private water supply well.

SCHOFIELD BROTHERS OF CAPE COD
Land Surveying and Environmental Permitting

Erosion control shall be installed prior to any disturbance on the site and shall remain in good working order until disturbed areas have been stabilized. Construction access is via Phats Valley Road out to Old County Road. The septic system design utilizes plastic components to minimize the size of construction equipment needed to install the system as the Phats Valley Road runs alongside the salt marsh out to Old County Road. Upon backfilling of the septic system, disturbed areas will be loamed and seeded with a rye fescue mix. Details of the septic system are shown on the attached site plan.

Provisions from the Massachusetts Wetlands Protection Act which may exempt the applicant from having to file a Notice of Intent:

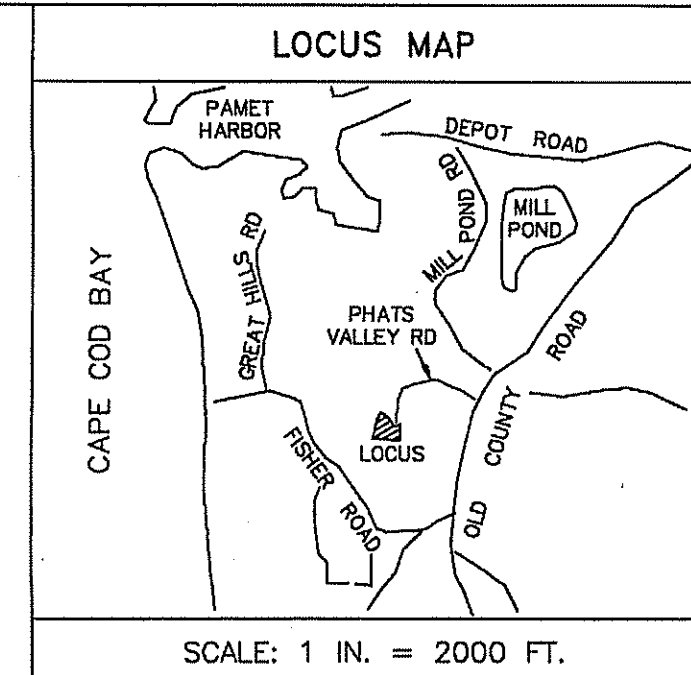
The proposed project is the upgrade of three existing cesspools to a Title 5 septic system. The project itself is a benefit to many of the interest of the MA Wetlands Protection Act as well as the public interests and values identified in the Truro Conservation Regulations.

The installation of the septic system is a project very limited and temporary in nature. Erosion control has been provided on the plan to prevent adverse impact to the adjacent shrub swamp and the coastal resource areas during installation of the new septic system. The installation will occur in existing grassy areas that will be loamed and seeded with a rye/fescue mix upon completion of the project.

PLOT PLAN
 SCALE: 1 in. = 20 ft.
 ASSESSOR'S MAP: 54 PARCEL: B
 LOT AREA: 43560 SQ.FT.±

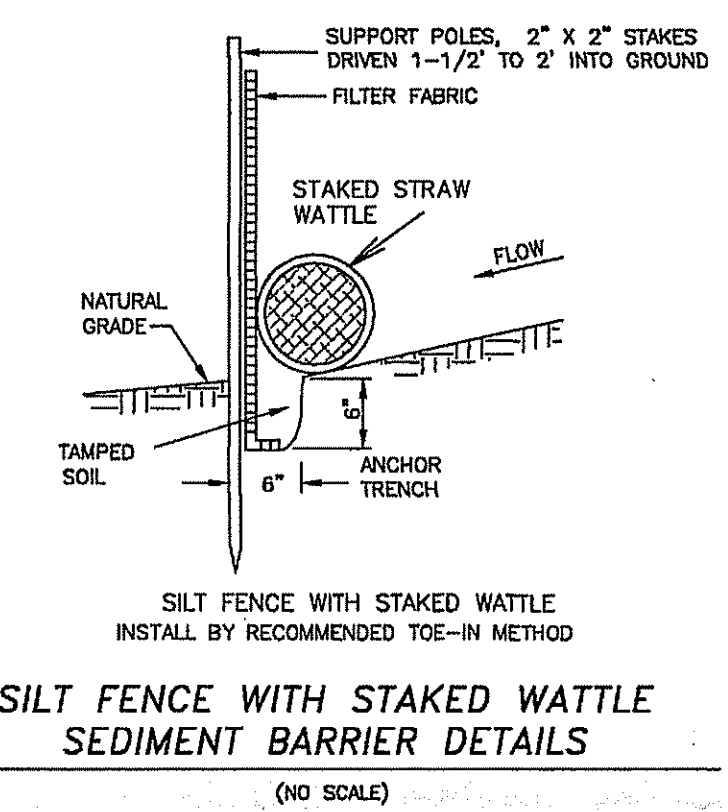
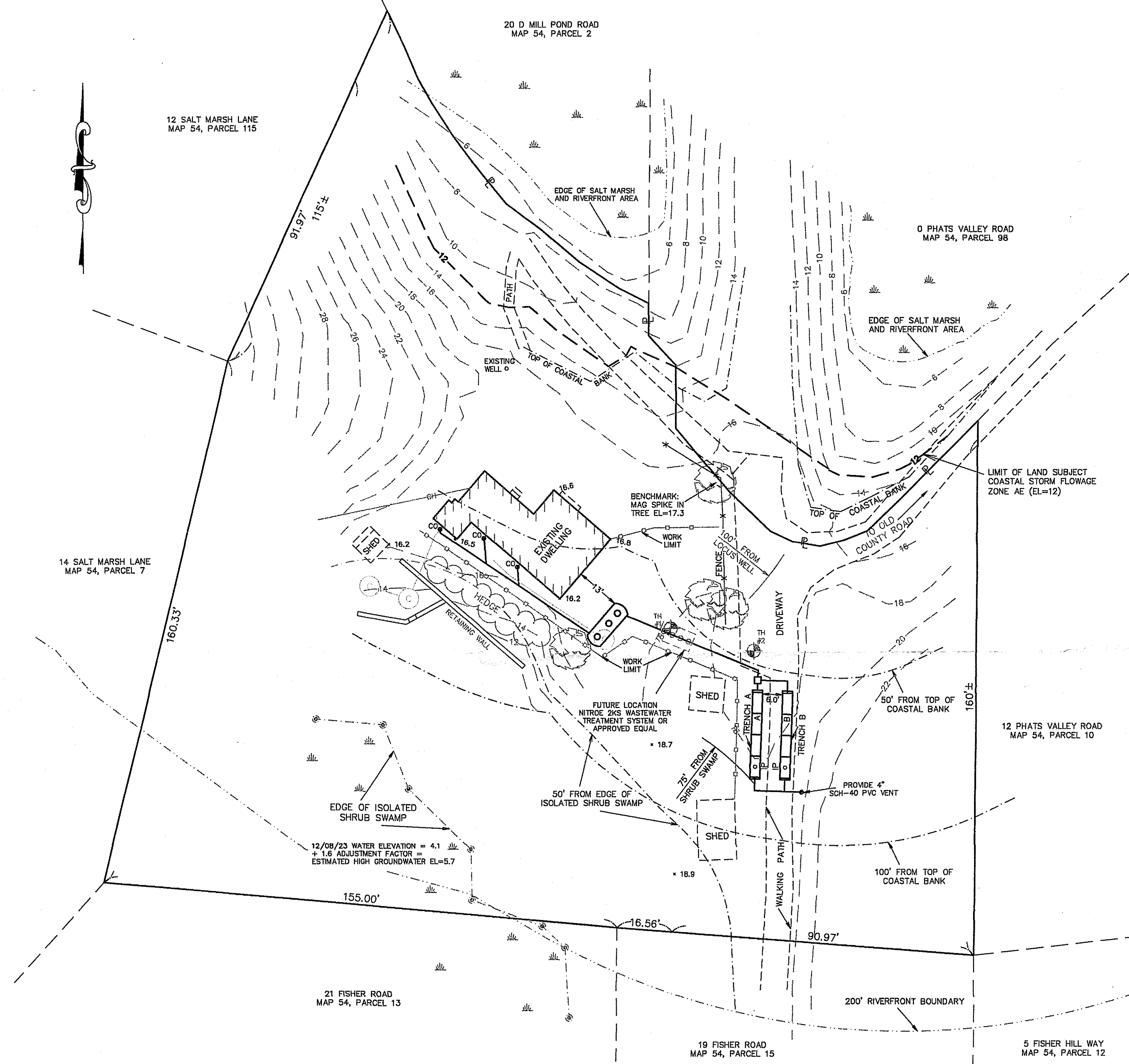
DEEP TEST HOLE OBSERVATION LOG #1

DATE: MAY 6, 2022	JOB: O-12591					
PERFORMED BY: LAURA SCHOFIELD, RS SE	WITNESSED BY: AROZANA DAVIS, TRURO BOH					
ELEVATION (FT)	DEPTH FROM SURFACE (IN)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER
18.0-17.4	0-7	A	SANDY LOAM	10YR3/4	-	MASSIVE, FRAGILE
17.4-17.1	7-11	B	LOAMY SAND	10YR6/4	-	SOIL, LOOSE
17.1-6.0	11-120	C	SAND	10YR8/4	-	SOIL, LOOSE
PARENT GEOLOGICAL MATERIAL: GLACIAL OUTWASH		STANDING WATER IN HOLE: NO				
WEEPING FROM FACE: NO		DEPTH TO BEDROCK:				
ESTIMATED SEASONAL HIGH GROUNDWATER AT EL. = 5.7 (INCLUDES A 1.6 ADJUSTMENT)						
PERCOLATION TEST: TOP OF PERG. AT 31', 24 GAL. ABSORBED IN 3:11 MIN., PERG. RATE < 2 MP						



DEEP TEST HOLE OBSERVATION LOG #2

DATE: MAY 6, 2022	JOB: O-12591					
PERFORMED BY: LAURA SCHOFIELD, RS SE	WITNESSED BY: AROZANA DAVIS, TRURO BOH					
ELEVATION (FT)	DEPTH FROM SURFACE (IN)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER
17.7-17.0	0-8	A	SANDY LOAM	10YR4/4	-	MASSIVE, FRAGILE
17.0-7.3	8-125	C	SANDY LOAM SAND	10YR8/4	-	SOIL, LOOSE
PARENT GEOLOGICAL MATERIAL: GLACIAL OUTWASH		STANDING WATER IN HOLE: NO				
WEEPING FROM FACE: NO		DEPTH TO BEDROCK:				
ESTIMATED SEASONAL HIGH GROUNDWATER AT EL. = 5.7 (INCLUDES A 1.6 ADJUSTMENT FACTOR)						
PERCOLATION TEST:						



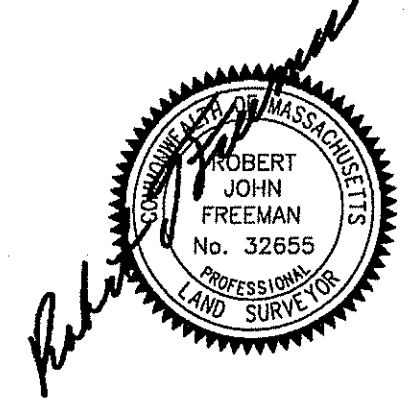
EROSION CONTROL NOTES:
 THE FOLLOWING ARE GENERAL EROSION CONTROL SPECIFICATIONS TO BE EMPLOYED WHEN CONSTRUCTION WORK IS TO TAKE PLACE ON SITE:

- PRIOR TO ANY DISTURBANCE OR ALTERATIONS OF ANY AREA ON THE SITE A STAKED SILT FENCE OR SILT FENCE WITH STAKED STRAW WATTLE SEDIMENT BARRIER SHALL BE INSTALLED AT THE LOCATION SHOWN.
- ONCE INSTALLED, THE SEDIMENT BARRIER SHALL BE MAINTAINED IN PLACE UNTIL ALL AREAS UPGRADIENT FROM THE BARRIER HAVE BEEN STABILIZED AS SPECIFIED HEREIN.
- ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED OR WHERE SPECIAL STABILIZATION MEASURES OR LANDSCAPE PLANTINGS ARE NOT PROPOSED SHALL BE LOAMED AND SEEDED WITH A RYE/RESUCE MIX. FOUR INCHES OF TOPSOIL (LOAM) SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.
- ALL AREAS OUTSIDE OF THE LIMIT OF WORK ARE TO BE LEFT UNDISTURBED. DURING THE SITE WORK ALL PERSONS AND EQUIPMENT SHALL STAY OUT OF THESE AREAS AND PRESERVE THE EXISTING VEGETATION.

GENERAL NOTES

- ELEVATIONS REFER TO NAVD88. SEE BENCHMARK ON PLAN.
- ALL CONSTRUCTION AND MATERIALS TO CONFORM TO TITLE 5 OF THE MASSACHUSETTS STATE ENVIRONMENTAL CODE AND THE BOARD OF HEALTH REQUIREMENTS FOR THE TOWN OF TRURO.
- ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH AND SCHOFIELD BROTHERS OF CAPE COD.
- FOR PROPER PERFORMANCE, THE SEPTIC TANK SHOULD BE INSPECTED AT LEAST ONCE PER YEAR. THE TANK SHOULD BE PUMPED WHEN THE TOTAL DEPTH OF SCUM AND SOLIDS EXCEEDS 1/3 OF ITS LIQUID DEPTH. SCHOFIELD BROTHERS OF CAPE COD DOES NOT ASSUME RESPONSIBILITY FOR MATERIALS ENCOUNTERED DURING EXCAVATION.
- ANY UNSUITABLE OR DELETERIOUS MATERIAL ENCOUNTERED MUST BE EXCAVATED AND REMOVED TO A DISTANCE OF 5 FEET FROM ALL SIDES OF THE SOIL ABSORPTION SYSTEM (S.A.S) AND TO A DEPTH AT WHICH THE C HORIZON IS ENCOUNTERED. BACKFILL WITH CLEAN SAND MEETING TITLE 5 SPECIFICATIONS TO APPROX. ELEVATION 13.0. CONTACT SCHOFIELD BROTHERS IF ANY DOUBT OR QUESTIONS ARISE REGARDING SOIL QUALITY.
- INSTALLATION CONTRACTOR SHALL CONTACT SCHOFIELD BROTHERS PRIOR TO BACKFILLING FOR SYSTEM CERTIFICATION.
- EXISTING CESSPOOLS ARE TO BE PUMPED, ABANDONED AND COLLAPSED OR FILLED WITH CLEAN SAND.
- EXISTING BUILDING SEWER INVERTS SHALL BE VERIFIED IN FIELD PRIOR TO COMPONENT INSTALLATION. CONTACT SCHOFIELD BROTHERS IF SIGNIFICANT DISCREPANCIES EXIST.
- SITE RESTORATION REQUIRES ALL STRIPPED TOPSOIL AND SUBSOIL TO BE STOCKPILED AND REUSED AT OWNERS OPTION. RE-Spread OVER DISTURBED AREAS TO PROMOTE OPTIMAL GROWTH.
- ANY COMPONENT THAT WILL BE SUBJECT TO VEHICLE OR OTHER HEAVY EQUIPMENT TRAFFIC SHALL BE INSTALLED WITH H-20 LOADING CAPACITY.
- UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.
- NO KNOWN WELLS EXIST WITHIN 200' OF THE PROPOSED LEACHING AREA EXCEPT THOSE THAT ARE SHOWN.

Conservation Commission
 TOWN OF TRURO
 MAR 27 2024



DESIGN CALCULATIONS

- ESTIMATED HYDRAULIC LOADING:
 $\frac{4 \text{ BEDROOMS AT 110 GPD PER BEDROOM}}{1500 \text{ GALLONS}} = \frac{440 \text{ GPD}}{1500 \text{ GALLONS}}$
 CARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN
- SEPTIC TANK SIZE:
 AVERAGE DAILY FLOW = 440 GPD X 2 DAYS = 880 GALLONS
 SEPTIC TANK PROVIDED = 1500 GALLONS
- DESIGN PERCOLATION RATE = 2 MINUTES PER INCH
 SOIL TEXTURE: SANDS, CLASS 1
 310 CMR 15.242 EFFLUENT LOADING RATE = 0.74 GPD/SF
- SUBSURFACE DISPOSAL AREA REQUIREMENTS:
 TOTAL LEACHING AREA SQUARE FOOTAGE REQUIRED BY TITLE 5 = 440 GPD ÷ 74 GPD/SF = 595 SF MINIMUM REQUIRED*
 * 25% REDUCTION OF THE REQUIRED SUBSURFACE DISPOSAL AREA REQUIREMENTS IS REQUESTED

LEACHING AREA PROVIDED:
 CULTEC SYSTEM: RECHARGER 180 HD (B) CHAMBERS PROVIDED
 MASSACHUSETTS ALLOWABLE EFFECTIVE LEACHING AREA = 8.9 SF/LF (FOR TRENCH CONFIGURATION)
 6 CHAMBERS X 6.3 LF/CHAMBER X 8.9 SF/LF = 448.6 SF PROVIDED*
 *(75% OF REQUIRED LEACHING AREA)

LOCAL UPGRADE APPROVAL REQUESTED PURSUANT TO TITLE 5, THE STATE ENVIRONMENTAL CODE:

15.405(1)(B) AN INCREASE IN THE MAXIMUM ALLOWABLE DEPTH OF SYSTEM COMPONENTS REQUIRED BY 310 CMR 15.221(7) FROM 36" TO 65" MAX FOR THE DISTRIBUTION BOX AND SOIL ABSORPTION SYSTEM.

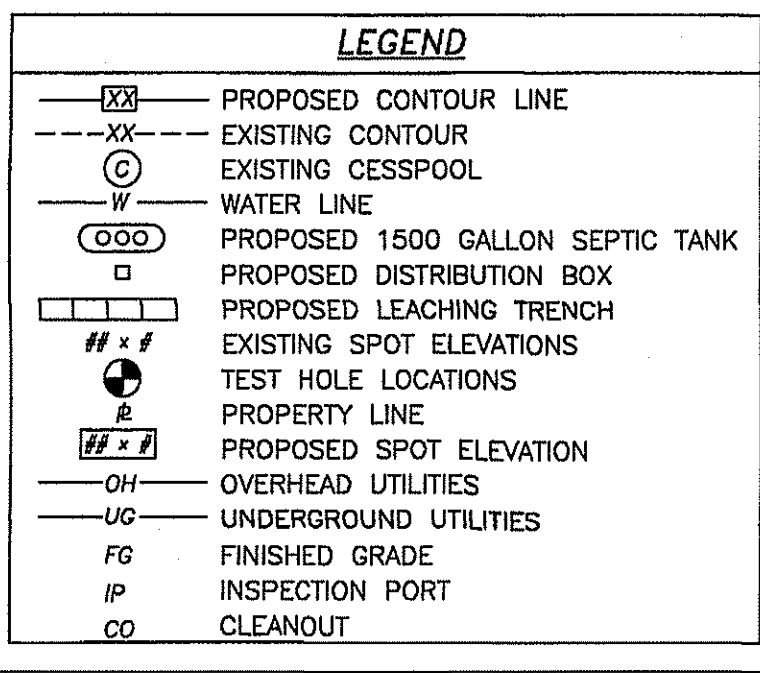
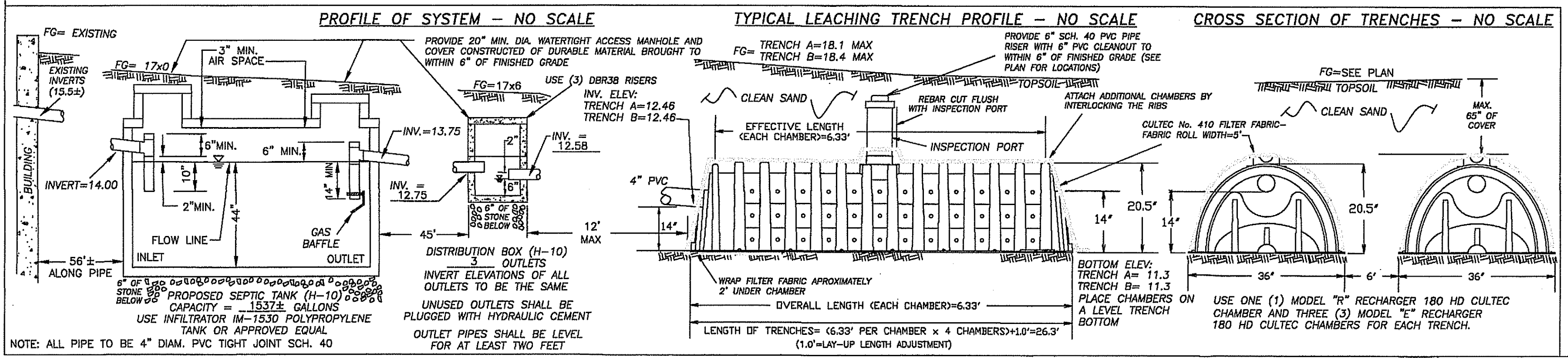
15.405(1)(C) TO ALLOW A 25% REDUCTION IN THE REQUIRED SUBSURFACE DISPOSAL AREA DESIGN REQUIREMENTS.

VARIANCES REQUESTED FROM THE TOWN OF TRURO BOARD OF HEALTH REGULATIONS SECTION VI - LOCAL REGULATIONS TO SUPPLEMENT TITLE 5, STATE ENVIRONMENTAL CODE: RELIEF IS REQUESTED TEMPORARILY FROM ARTICLE 8 - INNOVATIVE ALTERNATIVE TECHNOLOGY (1) APPLICABILITY (D) FOR UPGRADES OF PREVIOUSLY APPROVED SYSTEMS THAT EXCEED CURRENT NITROGEN LOADING STANDARDS OF 110 GPD/10000 SF OF LOT AREA AND FROM ARTICLE 13 - NITROGEN LOADING LIMITATIONS (2) UPGRADES FOR SYSTEMS THAT EXCEED CURRENT NITROGEN LOADING SHALL INCLUDE THE USE OF 1/A TECHNOLOGY.

VARIANCES FROM THE TOWN OF TRURO BOARD OF HEALTH REGULATIONS SECTION VI, ARTICLE 9 ARE REQUIRED FOR THE MINIMUM SETBACK DISTANCES FOR THE SEPTIC TANK AND SOIL ABSORPTION SYSTEM AS FOLLOWS:

MINIMUM SETBACK DISTANCE BETWEEN A SEPTIC TANK AND WETLANDS: 100 FEET REQUIRED
 0' PROVIDED BETWEEN PROPOSED SEPTIC TANK AND RIVERFRONT AREA (WITHIN RIVERFRONT AREA)
 70' PROVIDED BETWEEN PROPOSED SEPTIC TANK AND LAND SUBJECT TO COASTAL STORM FLOWAGE.
 63' PROVIDED BETWEEN PROPOSED SEPTIC TANK AND TOP OF COASTAL BANK.
 67' PROVIDED BETWEEN SEPTIC TANK AND ISOLATED SHRUB SWAMP.

MINIMUM SETBACK DISTANCE BETWEEN A SOIL ABSORPTION SYSTEM (SAS) AND A WETLAND: 150' REQUIRED
 0' PROVIDED BETWEEN PROPOSED SAS AND RIVERFRONT AREA (WITHIN RIVERFRONT AREA)
 65' PROVIDED BETWEEN PROPOSED SAS AND LAND SUBJECT TO COASTAL STORM FLOWAGE.
 102' PROVIDED BETWEEN PROPOSED SAS AND SALT MARSH.
 55' PROVIDED BETWEEN PROPOSED SAS AND TOP OF COASTAL BANK.
 75' PROVIDED BETWEEN SAS AND ISOLATED SHRUB SWAMP.



PROPOSED SEWAGE DISPOSAL SYSTEM

FOR: AN EXISTING 4 BEDROOM DWELLING
 AT: 18 PHATS VALLEY ROAD
 TRURO, MA

ASSESSOR'S MAP: 54 PARCEL: B
 APPLICANT: PETER FIELD
 371 MADISON STREET, APT 508
 NEW YORK, NY 10002

DATE: MARCH 26, 2024
 DESIGNED BY: LAS
 DRAWN BY: LAS
 CHECKED BY: LAS

JOHN SCHOFIELD BROTHERS OF CAPE COD
 LAND SURVEYING - ENVIRONMENTAL PERMITTING
 P.O. BOX 101, 161 CRANBERRY HIGHWAY ORLEANS, MA
 (508) 255-2098



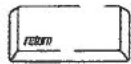
Massachusetts Department of Environmental Protection
 Bureau of Water Resources - Wetlands
WPA Form 1- Request for Determination of Applicability
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Conservation Commission
 TOWN OF TRURO
 MAR 25 2024

Truro
 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:
 Paul _____ Ryder _____
 First Name Last Name
 2135 Burns _____
 Address
 Detroit _____ MI _____ 48214 _____
 City/Town State Zip Code

2. Property Owner (if different from Applicant):
 Donald _____ Terek _____
 First Name Last Name
 4311 Timberlake Lane _____
 Address
 Sandusky _____ OH _____ 44870 _____
 City/Town State Zip Code
 No phone _____ No email _____
 Phone Number Email Address (if known)

3. Representative (if any)
 Donna _____
 First Name Last Name

 Company Name
 2135 Burns _____
 Address
 Detroit _____ MI _____ 48214 _____
 City/Town State Zip Code

B. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):
 648 Shore Rd. #9 _____ Truro _____
 Street Address City/Town

Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX) _____ Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX) _____

Assessors' Map Number _____ Assessors' Lot/Parcel Number _____

b. Area Description (use additional paper, if necessary):
 The area which would be considered "side yard" adjacent to 648 Shore Rd. #9

c. Plan and/or Map Reference(s): (use additional paper if necessary)

Title _____ Date _____
 Title _____ Date _____

[HOW TO FIND LATITUDE AND LONGITUDE](#)
[HOW TO FIND ASSASSORS' MAP NUMBER AND LOT/PARCEL NUMBER](#)



C. 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 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:

Truro

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

3/8/24
Date

[Signature]
Signature of Representative (if any)

3/8/24
Date

Request for Determination

Project address: 648 Shore Rd #9 Truro MA Map _____ Parcel 2-7-9

- Is the project located in a resource area or buffer zone Barrier Beach
- Resource Area Type(s): LAND Subject to Coastal Storm Flooding
- 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) We want to construct a fence from the existing house to the

neighbor's existing fence. Up to 6' tall; wooden; front and back with a gate on each.
Attached site plan titles/dates, and any other plan or narratives title/dates: _____

Describe the best management practices/mitigation that will be used on the site: _____

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.

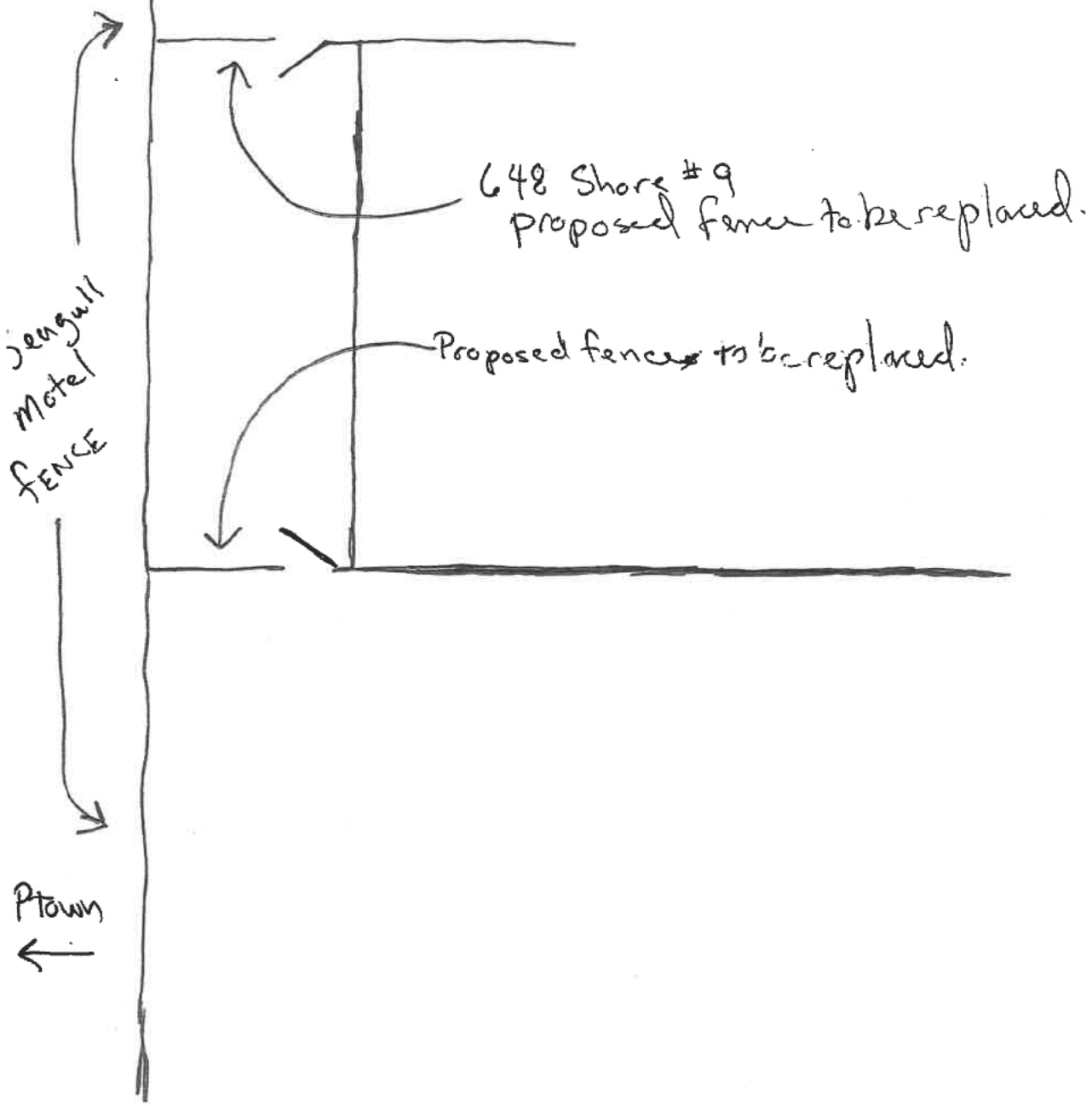
Approval of the project as described herein includes only the scope and specifications reviewed by the Conservation Commission; any changes to this project shall require additional review by the Conservation Commission prior to the work being done. Expansion of the scope of work may result in the applicant 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: Paul J. Rydz Paul J. Rydz
Owners printed name and signature: see attached letter. DONNA TEREK



Ocean ↑



Jengull Motel FENCE

Ptown

Bay ↓

To: Dunes Colony Condominium Association

1/20/18

This is to inform you that as owner of 648 Shore Rd., #9, I authorize Donna Terek and Paul J. Ryder Jr. to be my agents in all business having to do with the property.

Donald G. Terek
Sincerely,

Donald G. Terek

Handwritten note:
C/S: SW
~~By Love~~
2/13/18 FR



WPA Form 1- Request for Determination of Applicability
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Conservation Commission
TOWN OF TRURO

APR 16 2024

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:

John Jencks
Name
15 Huntington Street
Mailing Address
London N1 1 BU United Kingdom
City/Town
State Zip Code
Phone Number Fax Number (if applicable)

2. Representative (if any):

J.C. Ellis Design Co., Inc.
Firm
Jason C. Ellis, R.S.
Contact Name
P.O. Box 81
Mailing Address
North Eastham
City/Town
508-240-2220
Phone Number
jason@jcellisdesign.com
E-Mail Address
MA 02651
State Zip Code
508-240-2221
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:

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):

162 Slough Pond Road	Truro
Street Address	City/Town
62	4
Assessors Map/Plat Number	Parcel/Lot Number

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

The property lies within 100' buffer zone to top of coastal bank.

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

Septic System Upgrade Plan: 162 Slough Pond Road, Truro, MA	February 23, 2024
Title	
_____	_____
Title	Date
_____	_____
Title	Date

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

Abandonment of existing septic system in 100' buffer zone to top of coastal bank.



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).

Residential property, 100' buffer zone only - limited disturbance..

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:

John Jencks
Name

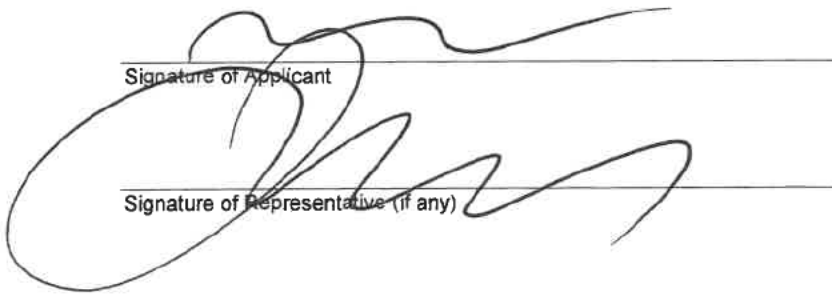
15 Huntington Street
Mailing Address

London, N1 1BU United Kingdom
City/Town

State _____ 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.


Signature of Applicant _____ Date 4-15-2024

Signature of Representative (if any) _____ Date 4-15-2024



J.C. ELLIS DESIGN COMPANY, INC.

SEPTIC SYSTEM DESIGN & ENGINEERING – SEPTIC INSPECTION –
SITE PLANNING – WETLAND CONSULTATION & PERMITTING
P.O. BOX 81, NORTH EASTHAM, MA 02651 PHONE 508-240-2220 FAX 508-240-2221
EMAIL jason@jcellisdesign.com

Notification to Abutters Under the Massachusetts Wetland Protection Act & Truro Wetlands Bylaw

April 15, 2024

RE: Request for Determination of Applicability

John Jencks
162 Slough Pond Road, Truro, MA
Assessor's Map 62, Parcel 4

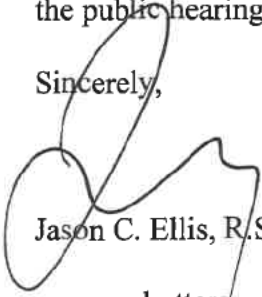
In accordance with the MA Wetlands Protection Act and the Truro Wetlands Bylaw, you are hereby notified that John Jencks has filed a Request for Determination of Applicability with the Truro Conservation Commission regarding proposed work, on the above-referenced property, which lies within an area subject to regulation under the MA Wetlands Protection Act and the local Wetland Protection Bylaw.

Specifically, the proposed work consists of the abandonment of an existing septic system within 100' of the top of Coastal Bank.

Copies of the Request for Determination of Applicability and project plans may be examined at the Truro Conservation Department, located at 24 Town Hall Road, during regular business hours.

A public hearing, regarding the proposed work described above, will be held by the Truro Conservation Commission on May 6, 2024 at 5:00 P.M at the Truro Town Hall. Should you be interested in attending the public hearing, you should contact the Conservation Department for confirmation of the date, time and place of the public hearing at 508-349-7004 x31.

Sincerely,

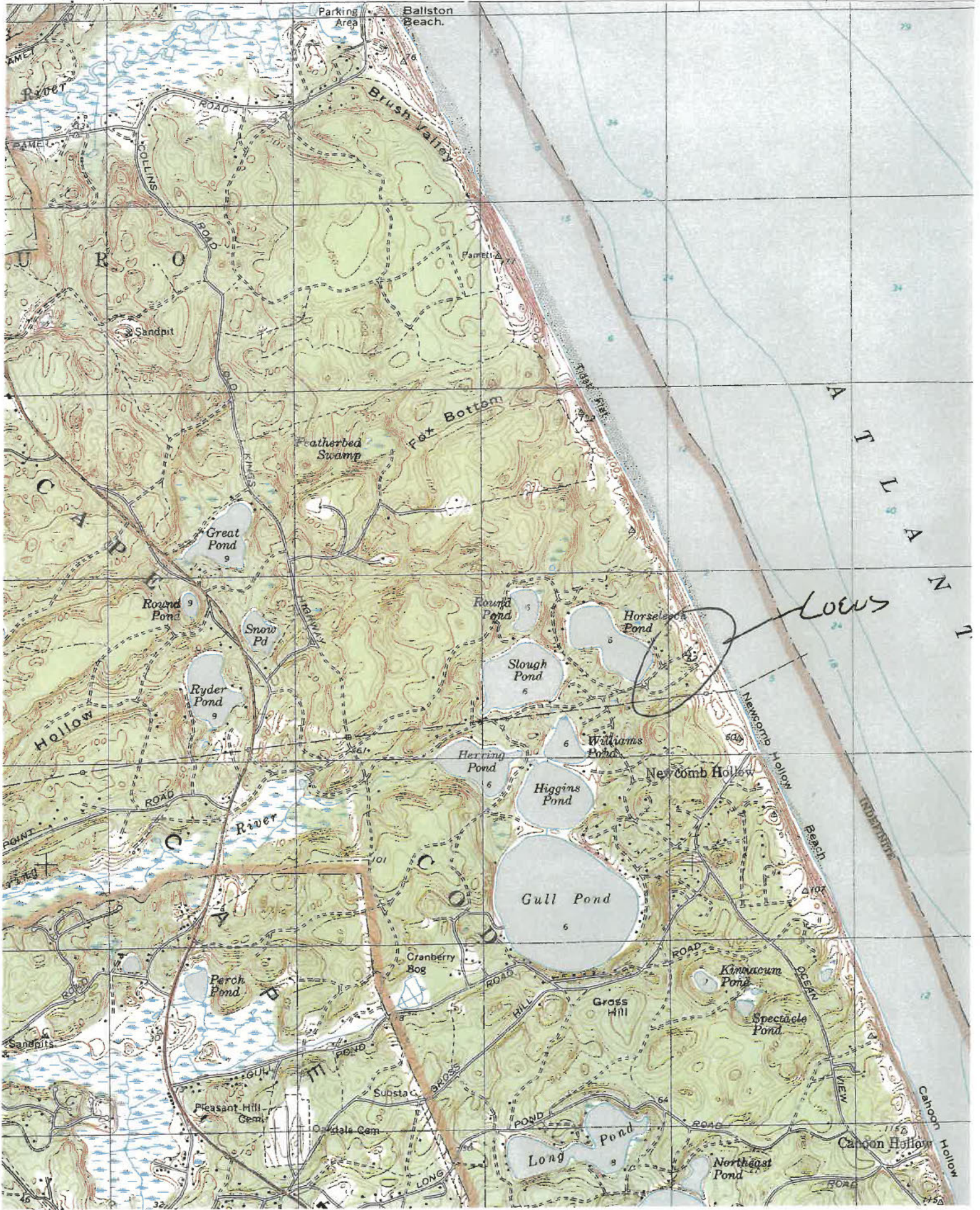


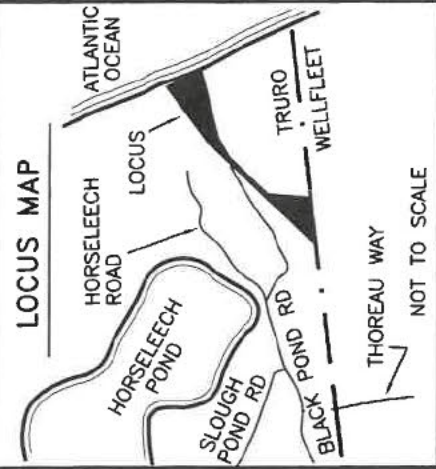
Jason C. Ellis, R.S., L.S.I.T.

cc: abutters
file

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

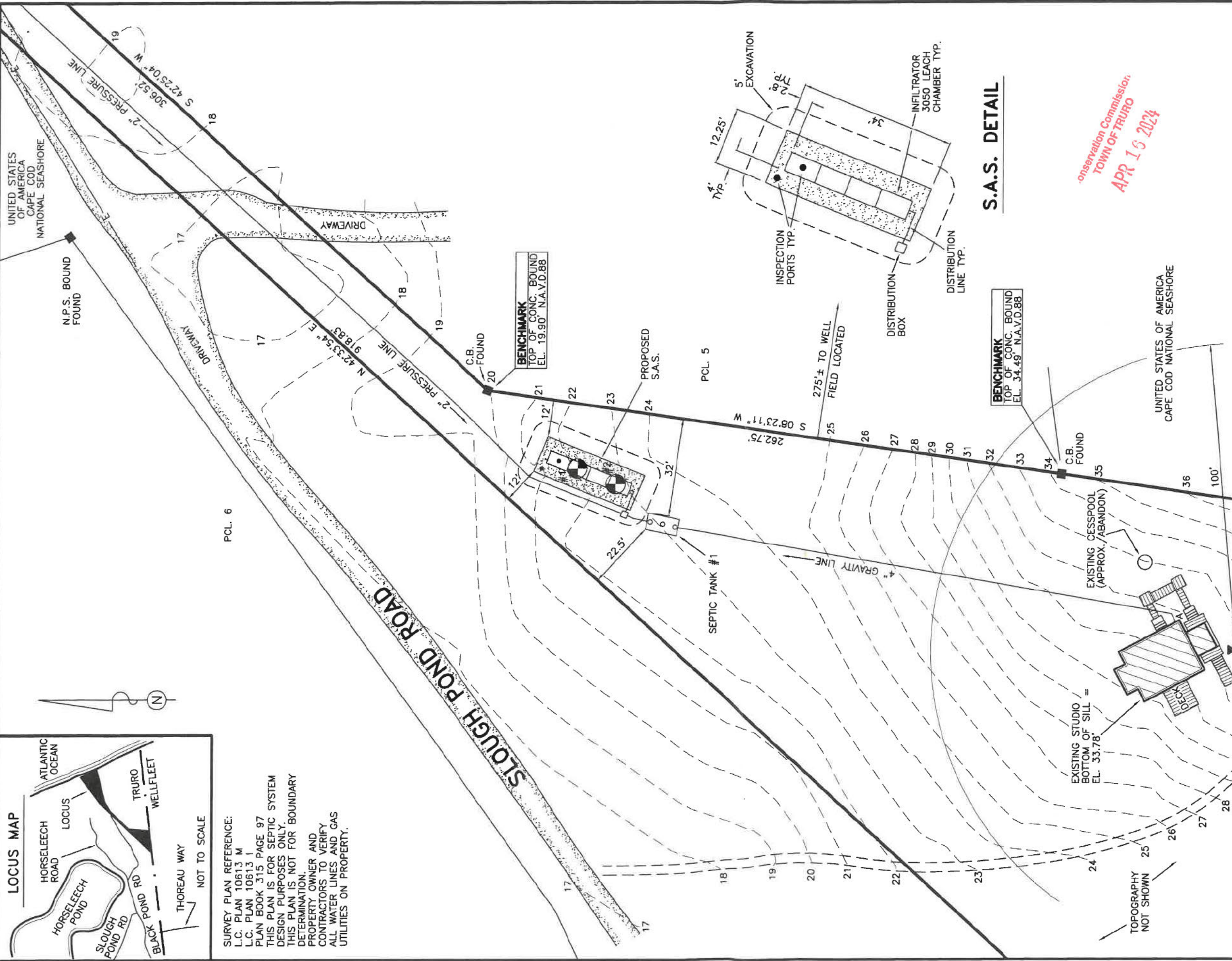
RO 2' 30" 414 415 416 70° 00' 1 010 000 FEET





NOT TO SCALE

SURVEY PLAN REFERENCE:
 L.C. PLAN 10613 M
 L.C. PLAN 10613 I
 PLAN BOOK 315 PAGE 97
 THIS PLAN IS FOR SEPTIC SYSTEM DESIGN PURPOSES ONLY. THIS PLAN IS NOT FOR BOUNDARY DETERMINATION. PROPERTY OWNER AND CONTRACTORS TO VERIFY ALL WATER LINES AND GAS UTILITIES ON PROPERTY.



S.A.S. DETAIL

Observation Commission
 TOWN OF TRURO
 APR 16 2024

PARCEL 4
 104,309 S.F.±
 61,315 S.F.±
 UPLAND

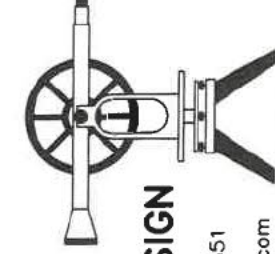
TRURO WELLFLEET

**SEPTIC SYSTEM UPGRADE PLAN
 (WEST SIDE OF PROPERTY)**

162 SLOUGH POND ROAD
 TRURO, MA



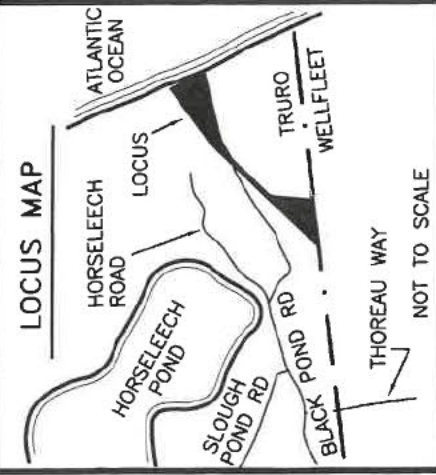
J.C. ELLIS DESIGN
 P.O. BOX 81
 NORTH EASTHAM, MA 02651
 (508)240-2220
 Email: jason@jcelldesign.com



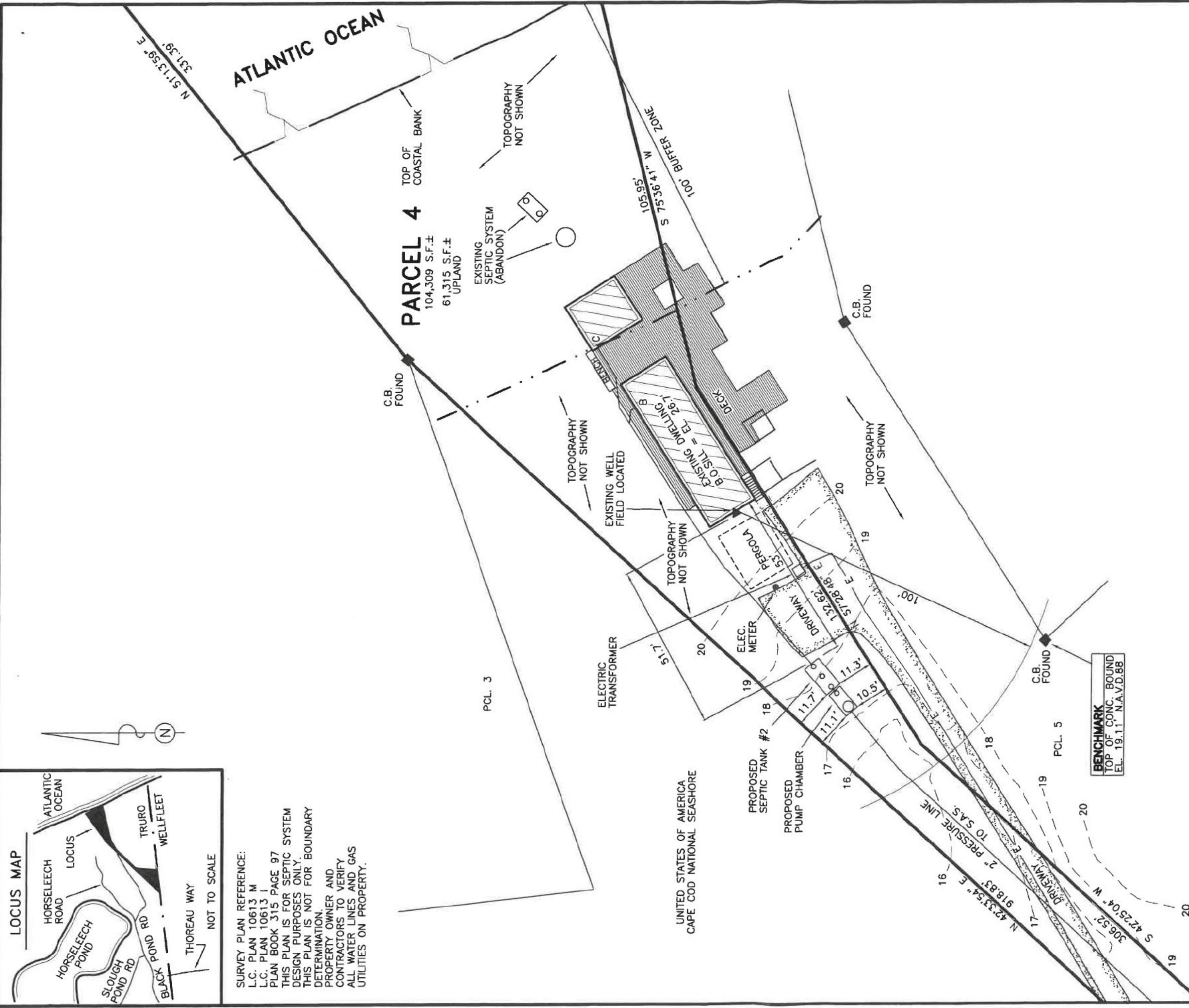
UNITED STATES OF AMERICA
 CAPE COD NATIONAL SEASHORE

PREPARED FOR: JOHN JENCKS 15 HUNTINGDON STREET LONDON, N1 1BU, UNITED KINGDOM	
ASSESSOR'S MAP 62 PARCEL 4	SCALE: 1"=30'
DATE: FEBRUARY 23, 2024	SHEET 1 OF 3

JASON C. ELLIS, R.S.



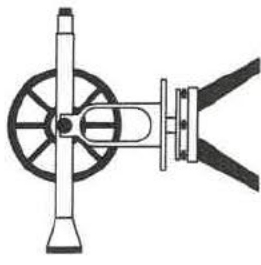
SURVEY PLAN REFERENCE:
 L.C. PLAN 10613 M
 L.C. PLAN 10613 I
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 THIS PLAN IS FOR SEPTIC SYSTEM
 DESIGN PURPOSES ONLY.
 THIS PLAN IS NOT FOR BOUNDARY
 DETERMINATION.
 PROPERTY OWNER AND
 CONTRACTORS TO VERIFY
 ALL WATER LINES AND GAS
 UTILITIES ON PROPERTY.



**SEPTIC SYSTEM UPGRADE PLAN
 (EAST SIDE OF PROPERTY)**

SUBJECT: 162 SLOUGH POND ROAD TRURO, MA	
PREPARED FOR:	JOHN JENCKS 15 HUNTINGDON STREET LONDON, N1 1BU, UNITED KINGDOM
ASSESSOR'S MAP 62 PARCEL 4	SCALE: 1"=30'
DATE: FEBRUARY 23, 2024	SHEET 2 OF 3

J.C. ELLIS DESIGN



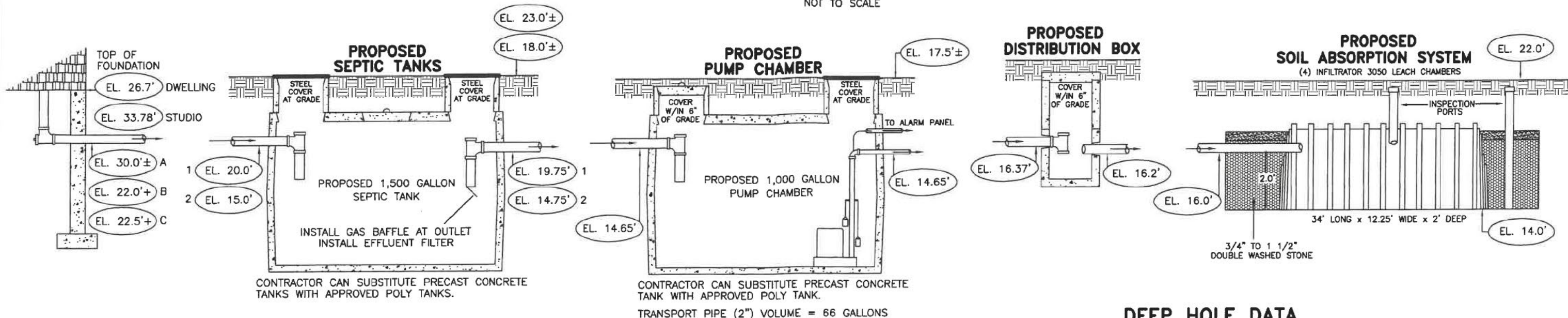
P.O. BOX 81
 NORTH EASTHAM, MA 02651
 (508)240-2220
 Email: jason@jcellisdesign.com



JASON C. ELLIS, R.S.

SECTION DETAIL – COMPONENTS

NOT TO SCALE



DESIGN CALCULATIONS

FLOW RATE:

3 BEDROOM DWELLING = 330 G/P/D REQUIRED
 1 BEDROOM STUDIO = 110 G/P/D REQUIRED
 TOTAL FLOW = 440 G/P/D REQUIRED
 (110 G/P/D PER BEDROOM x 4 BEDROOMS)
 NO GARBAGE GRINDERS ALLOWED

SEPTIC TANK #1:

110 G/P/D x 2 = 110 G/P/D REQUIRED
 USE PROPOSED 1500 GALLON SEPTIC TANK

SEPTIC TANK #2:

330 G/P/D x 2 = 660 G/P/D REQUIRED
 USE PROPOSED 1500 GALLON SEPTIC TANK

PROPOSED SOIL ABSORPTION SYSTEM:

PERC RATE = <2 MIN/IN - CLASS I SOIL
 SIDEWALL = (34 + 12.25)(2)(2) = 185 S.F.
 BOTTOM: (34)(12.25) = 416.5 S.F.
 (185 + 416.5)(0.74) = 445.1 G/P/D PROVIDED
 USE: (4) INFILTRATOR 3050 LEACH CHAMBERS W/ STONE
 AS SHOWN IN DETAIL.

PROPOSED PUMP CHAMBER:

USE (1) 1,000 GALLON SEPTIC TANK
 USE LIBERTY PUMP 2 HP OR EQUIVALENT
 FLOAT SETTINGS: PUMP ON = 16"
 PUMP OFF = 9"
 ALARM ON = 18"

STORAGE CAPACITY PROVIDED = 625 GALLONS
 MINIMUM 4 CYCLES REQUIRED PER DAY
 MAXIMUM VOLUME REQUIRED PER DOSE CYCLE: 82.5 GALLONS
 VOLUME PROVIDED PER DOSE CYCLE: 79.8 GALLONS

NOTES

1. ALL PRECAST COMPONENTS TO BE H-10 RATED. ALL COMPONENTS WITH ANY ANTICIPATED VEHICULAR TRAFFIC TO BE H-20 RATED.
2. ELEVATION DATUM IS FROM NAVD 1988.
3. MUNICIPAL WATER IS NOT AVAILABLE.
4. ALL CONSTRUCTION TO CONFORM WITH 310 CMR 15.000 AND ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
5. INSTALLER/CONTRACTOR TO REVIEW & VERIFY ALL ELEVATIONS AND DETAILS AND REPORT ANY DISCREPANCIES TO DESIGNER PRIOR TO CONSTRUCTION OR ASSUME ALL RESPONSIBILITY.
6. INSTALLER/CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SAFE WORK AREA, VERIFYING ALL UTILITIES AND NOTIFYING DIG SAFE PRIOR TO CONSTRUCTION.
7. ANY CHANGES TO OR DEVIATIONS FROM THIS PLAN MUST BE APPROVED IN WRITING BY J.C. ELLIS DESIGN CO. AND BOARD OF HEALTH.
8. FINISH COVER OVER COMPONENTS IS NOT TO EXCEED 3' PER 310 CMR 15.000.
9. ALL ABANDONED SEPTIC SYSTEM COMPONENTS TO BE PUMPED DRY AND FILLED WITH CLEAN SAND.
10. ALL COMPONENTS TO BE PROVIDED WITH WATERTIGHT ACCESS PORTS WITHIN 6" OF FINISH GRADE.
11. ALL SEPTIC TANKS, DISTRIBUTION BOXES AND PIPING TO BE INSTALLED WATERTIGHT.
12. NO KNOWN WELLS EXIST WITHIN 100' OF PROPOSED LEACH AREA.
13. THIS IS NOT A CERTIFIED PLOT PLAN AND UNDER NO CIRCUMSTANCES IS THIS PLAN TO BE USED FOR BUILDING OR ZONING PURPOSES.
14. LEACH AREA TO BE PROVIDED WITH AT LEAST ONE INSPECTION PORT CONSISTING OF A PERFORATED FOUR INCH PIPE PLACED VERTICALLY DOWN INTO THE STONE TO THE NATURALLY OCCURRING SOIL OR SAND FILL BELOW THE STONE. THE PIPE SHALL BE CAPPED WITH A SCREW TYPE CAP AND ACCESSIBLE WITHIN 3" OF GRADE.
15. CONTRACTOR TO TAKE ALL MEANS NECESSARY (FLUSH TESTS ETC.) TO LOCATE AND VERIFY ALL EXISTING BUILDING SEWERS PRIOR TO CONSTRUCTION. ALL EXISTING BUILDING SEWERS TO BE CHANGED, ONLY IF NECESSARY, TO LOCATION AND ELEVATION SPECIFIED.
16. EXCAVATE ALL UNSUITABLE SOIL (A, E, B AND C1 LAYERS), ONLY AS NECESSARY, DOWN TO C/C2 LAYERS, AND REPLACE WITH CLEAN MEDIUM SAND.
17. CONTRACTOR TO PLACE 1 C.F. OF CONCRETE ON ALL BENDS ALONG PRESSURE LINE AS THRUST BLOCKING.
18. INSTALL CLEANOUTS ALONG ALL BUILDING SEWERS BETWEEN BUILDINGS AND SEPTIC TANKS AT ALL BENDS, JUNCTIONS AND 50' INCREMENTS.

DEEP HOLE DATA

PERFORMED BY: JASON C. ELLIS, R.S., S.E.
 WITNESSED BY: COURTNEY WARREN, TRURO BOH
 TEST DATE: FEBRUARY 23, 2024

#1		#2	
DEPTH	ELEV.	DEPTH	ELEV.
0.00'	22.1'	0.00'	22.8'
0.66'	21.44'	0.5'	22.3'
2.66'	19.44'	3.5'	19.3'
5.33'	16.77'	5.0'	17.8'
10.0'	12.1'	6.83'	15.97'
		11.0'	11.8'
		NO WATER ENCOUNTERED	

SEPTIC SYSTEM UPGRADE PLAN

SUBJECT:
162 SLOUGH POND ROAD
 TRURO, MA

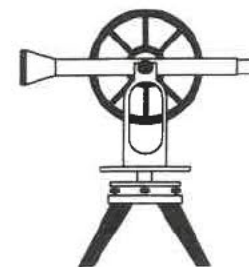
PREPARED FOR:
JOHN JENCKS
 15 HUNTINGDON STREET
 LONDON, N1 1BU, UNITED KINGDOM

ASSESSOR'S
 MAP 62 PARCEL 4

DATE: FEBRUARY 23, 2024

SHEET 3 OF 3

J.C. ELLIS DESIGN



P.O. BOX 81
 NORTH EASTHAM, MA 02651
 (508)240-2220
 Email: jason@jcellisdesign.com



JASON C. ELLIS, R.S.

To: Emily Beebe, Truro Health/ Conservation Agent

Re: OOC Extension Request
William S. Hildreth & Ryan C. Cooke
P.O. Box 308
North Truro Ma 02652
Assessors Map 50/ Parcel 169
DEP SE # 75-1119

**Conservation Commission
TOWN OF TRURO**

MAY 03 2024

Date: April 1st 2024

Dear Ms. Beebe,

I am writing to request a 2-year extension for the Order of Conditions SE # 75-1119 for 2 Noah's Way. The scope of the original project was to restore portions of the buffer zone, as well as to manage invasive and aggressive vegetation throughout the property. While the project is proceeding nicely, we would like to continue the landscape/restoration work this spring/summer and fall following the approved Planting Plan (Dated 3/15/2021) & Narrative Plan (Dated 1/11/2021 LMP) restoration work will continue this spring 2024.

The original Order of Conditions was issued William and Ryan on 05/13/2021 and was subject to the tolling due to the pandemic. The Order of Conditions was recorded at the Barnstable Registry of Deeds on 05/24/2021 Book 34140 Pg 309 # 35188.

We are confident that we can finish restoration and replanting areas in the Fall of 2024, provide any necessary follow up removal of invasive re-sprouts in the spring/summer/fall of 2025 and apply for a Certificate of Compliance shortly thereafter.

Sincerely,



Theresa Sprague
Owner
BlueFlax Design LLC

APR 25 2024

April 25, 2024

82 South Pamet Road, Truro

Proposed Field Change to Deck Size/Configuration

It is our understanding through conversations with the Health/Conservation Department that based on the January 28th, 2022 approved site plan of 82 South Pamet Road, we could propose to move square footage from one deck to another, as long as we are still within setbacks.

See attachments:

Approved Site Plan

Detail of Site Plan

Detail of North Deck dimensions

Detail of Greenhouse dimensions

Overlay showing Previous and Proposed North Deck dimensions.

We are proposing to eliminate the "Greenhouse" off the West side of the house, and add that square footage to the North Deck off the rear of the house.

According to the approved site plan dated 01-28-22, the proposed Greenhouse was sized at 12'2" x 6'6" for a total of 79.1 square feet.

The approved dimensions of the North Deck are 18'8" x 10'4" for a total of 192.9 square feet.

Adding the two, we are proposing an increase to the North Deck, now totalling 272.0 square feet.

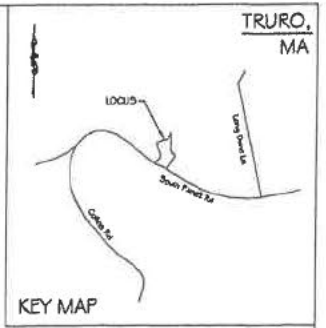
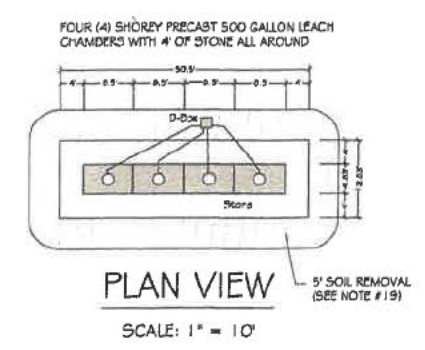
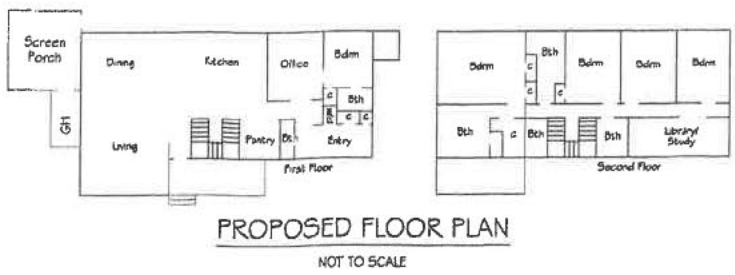
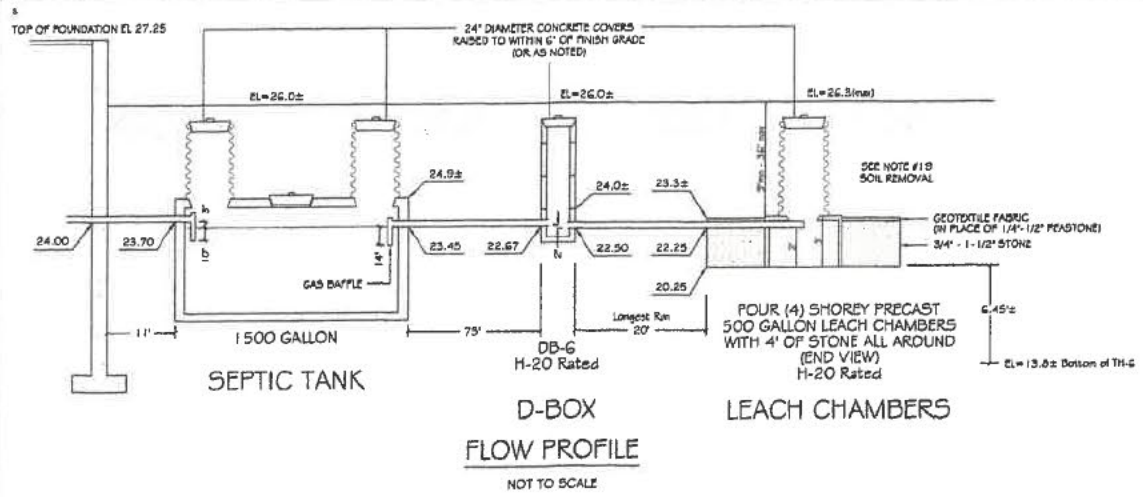
At no point will we be encroaching on the designated buffer zone delineation.

Thank you for your consideration and I look forward to answering any questions should you need further clarification.



Chris Nagle





SYSTEM DESIGN CALCULATIONS

SEWAGE DESIGN FLOW REQUIRED: 5 BEDROOMS @ 110 GPD / BEDROOM = 550 GPD REQUIRED
 SEWAGE DESIGN FLOW PROVIDED: FIVE (5) 500 GALLON LEACH CHAMBERS WITH 4" OF STONE ALL AROUND
 $V_L = [(42.0 \times 12.53) + 2(42.0 + 12.53) \times 2] \times 7.4 = 561.1$ GPD PROVIDED
 561 GPD PROVIDED > 550 GPD REQUIRED
 SEPTIC TANK CAPACITY REQUIRED: 550 GPD X 200% = 1100 GALLON REQUIRED
 SEPTIC TANK CAPACITY PROVIDED: 1500 GALLON PROVIDED
 A GARAGE DISPOSAL IS NOT PERMITTED WITH THIS DESIGN FLOW

TEST HOLE LOGS

Test Hole #8 (EL=26.3)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0-24	24.3		Fill			
24-144	14.3	C1	Medium Sand	Cross Bedding	No	Loose

Test Hole #4 (EL=25.0)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0-36	22.0		Fill			
36-144	13.0	C1	Medium Sand	Cross Bedding	No	Loose

Test Hole #5 (EL=26.3)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0-6		A	Topsoil			Loamy Sand
6-24	24.3	B	Subsoil			Loamy Sand
24-144	14.3	C1	Medium Sand	Cross Bedding	No	Loose

Test Hole #6 (EL=26.0)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0-100	17.0		Fill			
100-110	17.6	C1	Medium Sand	Cross Bedding	No	Loose
110-150	14.3	C2	Clay			
150-156	13.0	C3	Medium Sand	Cross Bedding	No	Loose

DATE OF TESTING: 2/25/2021
 SOIL EVALUATOR: D. BINNETT, RS
 BOARD OF HEALTH AGENT: A. DAVIS, THD
 PERCOLATION RATE: LESS THAN 2 MIN/INCH IN "C" LAYER
 NO GROUNDWATER ENCOUNTERED

Test Hole #1 (EL=26.3)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0.0'			Fill			
6.0'	20.3'		Medium Sand		No	Loose
12.0'	14.3'	C1	Medium Sand		No	Loose

Test Hole #2 (EL=26.3)

Depth	Lowest EL	Horizon	Texture	Structure	Mottling	Consistence
0.0'			Fill			
6.0'	20.3'		Medium Sand		No	Loose
11.0'	15.3'	C1	Medium Sand		No	Loose

DATE OF TESTING: 2/22/2018
 SOIL EVALUATOR: D. LAJOIE
 BOARD OF HEALTH AGENT: C. DEBEE
 PERCOLATION RATE: LESS THAN 2 MIN/INCH IN "C" LAYER
 NO GROUNDWATER ENCOUNTERED

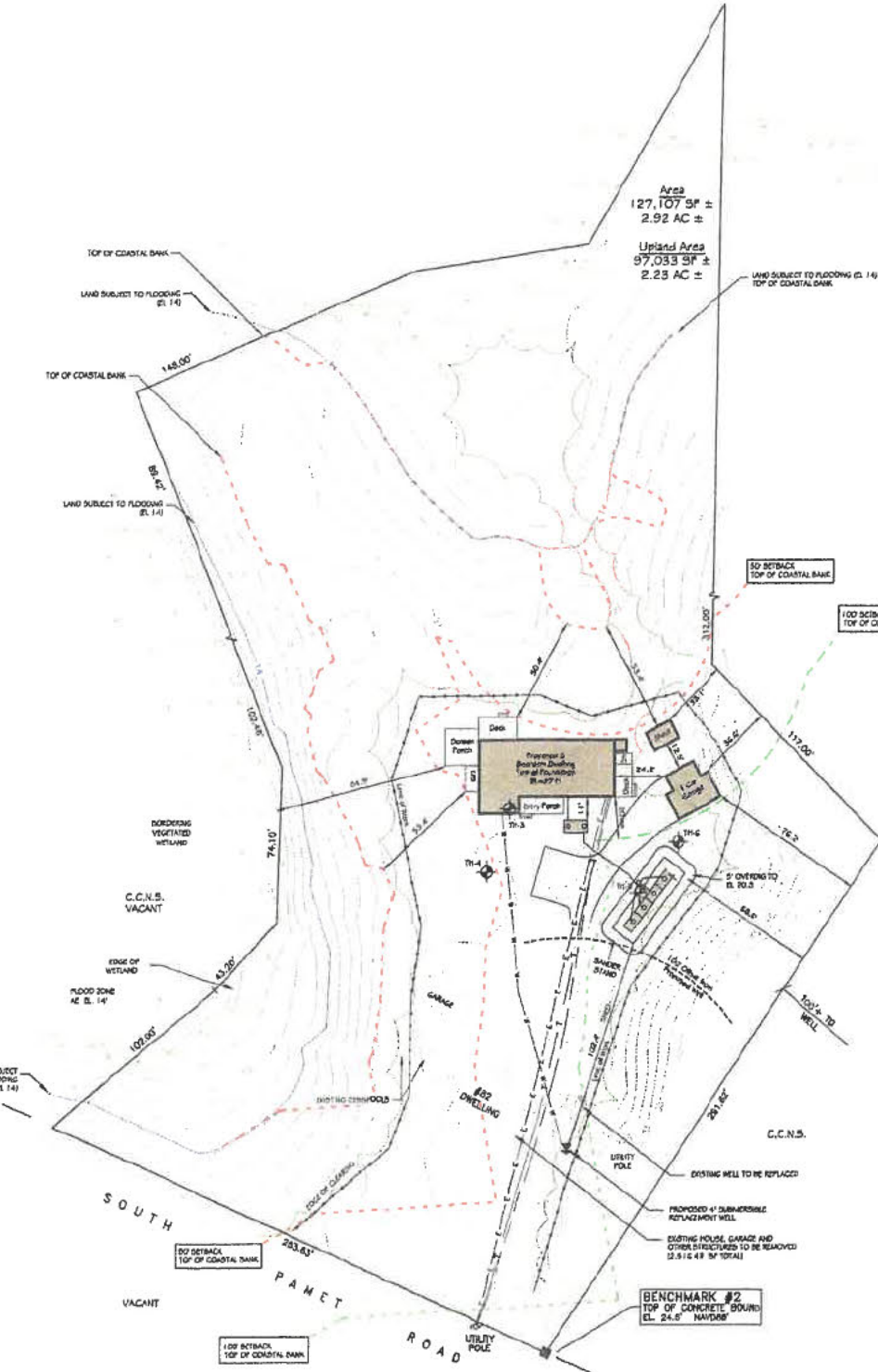
CONSERVATION NOTES:

- LIMIT OF WORK SHALL BE AS SHOWN. A ROW OF STAKED COR LOGS WITH SILT FENCING SHALL BE CONSTRUCTED ALONG THE LIMIT OF WORK LINE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL DISTURBED AREAS SHALL BE LANDSCAPED. PLANTINGS SHALL INCLUDE A MIXTURE OF INDIGENOUS SHRUBS AND GROUNDCOVER FROM THE APPROVED PLANT LIST.
- CONTRACTOR, BUILDER, AND OWNER SHALL REVIEW THE ORDER OF CONDITIONS PRIOR TO AND DURING CONSTRUCTION.

CONSTRUCTION NOTES

- ALL WORK SHALL CONFORM TO THE STATE ENVIRONMENTAL CODE, TITLE 5 (310 CMR 15.000) AND THE REGULATIONS OF THE LOCAL BOARD OF HEALTH.
- ANY SEPTIC SYSTEM COMPONENT INSTALLED IN A LOCATION WHERE THERE IS POTENTIAL FOR VEHICLES OR HEAVY EQUIPMENT TO PASS OVER IT SHALL BE DESIGNED TO WITHSTAND AN H-20 LOADING. IF UNDER AN IMPERVIOUS SURFACE, SYSTEM SHALL BE VENTED TO THE ATMOSPHERE.
- TO MINIMIZE UNIFORM SETTLING, SEPTIC TANKS SHALL BE INSTALLED ON A STABLE MECHANICALLY-COMPACTED BASE ON 6 INCHES OF CRUSHED STONE.
- COVERS OVER THE INLET AND OUTLET TEES OF THE SEPTIC TANK, THE DISTRIBUTION BOX, AND THE SOIL ABSORPTION SYSTEM SHALL BE RAISED TO WITHIN 6" OF FINAL GRADE. LEADING PIPES, TRENCHES, AND OTHER SOIL ABSORPTION SYSTEMS WITHOUT ACCESS MANHOLES SHALL HAVE AT LEAST ONE (1) INSPECTION PORT CONSISTING OF PERFORATED 4" PVC PIPE PLACED VERTICALLY TO THE BOTTOM OF THE SOIL ABSORPTION SYSTEM WITH A CAP, TIED WITH MAGNETIC MARKING TAPE, ACCESSIBLE TO WITHIN 3' OF FINAL GRADE.
- PIPING SHALL CONSIST OF 4" SCHEDULE 40 PVC OR EQUIVALENT. PIPE SHALL BE LAID ON A MINIMUM CONTINUOUS GRADE OF NOT LESS THAN 2% FROM THE BUILDING TO THE SEPTIC TANK, AND NOT LESS THAN 1% OTHERWISE.
- DISTRIBUTION LINES FOR THE SOIL ABSORPTION SYSTEM SHALL BE 4" DIAMETER SCHEDULE 40 PVC (OR EQUIVALENT) LAID AT 0.005 P/F/F, UNLESS OTHERWISE NOTED. LINES SHALL BE CAPPED AT END OR AS NOTED.
- LINES FROM THE DISTRIBUTION BOX TO BE LEVEL FOR THE FIRST TWO (2) FEET BEFORE PITCHING TO THE SOIL ABSORPTION SYSTEM. DISTRIBUTION BOX SHALL BE WATER TESTED TO ASSURE EVEN DISTRIBUTION.
- GROUT TO BE USED AT ALL POINTS WHERE PIPES ENTER OR LEAVE ALL CONCRETE STRUCTURES IN ORDER TO PROVIDE A WATER TIGHT SEAL.
- HEAVY EQUIPMENT SHALL NOT BE ALLOWED TO OPERATE OVER THE LIMITS OF THE SEWAGE DISPOSAL FIELD DURING THE COURSE OF CONSTRUCTION OF THE SYSTEM.
- IN ACCORDANCE WITH 310 CMR 15.221, ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE.
- 1.1 THERE ARE NO OTHER KNOWN WELLS WITHIN 100' OF THE PROPOSED SOIL ABSORPTION SYSTEM.
- 1.2 FROM THE DATE OF THE INSTALLATION OF THE SOIL ABSORPTION SYSTEM UNTIL RECEIPT OF THE CERTIFICATE OF COMPLIANCE, THE PERIMETER SHALL BE STAKED AND FLAGGED TO PREVENT USE OF THE AREA THAT MAY CAUSE DAMAGE TO THE SYSTEM.
- 1.3 THE DESIGNER WILL NOT BE RESPONSIBLE FOR THE SYSTEM AS DESIGNED UNLESS CONSTRUCTED AS SHOWN ON PLAN. ANY CHANGES SHALL BE APPROVED IN WRITING BY THE DESIGNER.
- 1.4 THE BOARD OF HEALTH REQUIRES INSPECTION OF ALL CONSTRUCTION BY AN AGENT OF THE BOARD OF HEALTH AND THE DESIGNER SHALL CERTIFY IN WRITING THAT THE SEWAGE DISPOSAL SYSTEM WAS INSTALLED IN ACCORDANCE WITH THE TERMS OF THE PERMIT AND THE APPROVED PLANS, 48 HOURS ADVANCE NOTICE IS REQUESTED.
- 1.5 LOCATION OF UTILITIES IS APPROXIMATE AND CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, REQUESTS TO DISSEAS, ANY PRIVATE UTILITY COMPANIES, AND THE LOCAL WATER DEPARTMENT.
- 1.6 INSTRUMENT SURVEY CONDUCTED FOR PROPOSED WORK ONLY. SITE PLAN SHALL NOT BE USED FOR STAKING, OR ANY OTHER PURPOSES. NOR SHALL IT BE USED AS A MORTGAGE FLOT PLAN OR TITLE SURVEY. CONFORMANCE TO LOCAL BYLAWS SHALL BE DETERMINED BY THE OWNER PRIOR TO CONSTRUCTION.
- 1.7 THIS PLAN DOES NOT CERTIFY, GUARANTEE OR WARRANTY COMPLIANCE WITH DEEDS OR ZONING BYLAWS, SPECIFICALLY, BUT NOT LIMITED TO, SIDEYIE SETBACKS AND BUILDING HEIGHT RESTRICTIONS. OWNER IS RESPONSIBLE FOR OBTAINING SUCH A DETERMINATION FROM THE APPROPRIATE AUTHORITY.
- 1.8 TEST HOLES COMPLETED PER STATE ENVIRONMENTAL CODE, TITLE 5. SOILS CAN BE VARIABLE AND TEST HOLE DATA IS NO GUARANTEE OF SOIL CONDITIONS IN OTHER AREAS. IF SOILS DIFFER FROM THOSE SHOWN IN THE SOILS LOGS, DESIGN ENGINEER IS TO INSPECT THE SOILS PRIOR TO PROCEEDING WITH INSTALLATION OF ANY SEPTIC COMPONENTS.
- 1.9 SOIL REMOVAL, ALL TOPSOIL (0" LAYER), SUBSOIL (6" LAYER), AND ANY FILL, SHALL BE REMOVED FOR A DISTANCE OF FIVE (5) FEET LATERALLY FROM THE SOIL ABSORPTION SYSTEM DOWN TO THE CLEAN SAND (C-1) LAYER (EL=20.3±). AREA TO BE BACKFILLED WITH CLEAN SAND AND COMPACTED TO MINIMIZE SETTLING.

INSPECTION NOTE:
 PRIOR TO FINAL INSPECTION BY THE ENGINEER, SYSTEM NEEDS TO BE COMPLETE INCLUDING BUILDUP FOR COVERS.



- REFERENCE**
- PLAN TITLED "SKETCH OF LAND IN TRURO", PREPARED BY BLADE ASSOCIATES, INC, DATED JAN 1990 (PROPERTY BOUNDARIES)
 - TRURO ASSESSORS MAP 51 PARCEL 57
 - FLOOD ZONE AS EL 14.0 FIRM PANEL 25001C0232J (EFFECTIVE 7/16/2014)
 - THIS PROPERTY IS NOT IN A ZONE II OF A PUBLIC WATER SUPPLY AREA SERVICES BY PRIVATE WELLS

LEGEND

- 24± EXISTING SPOT GRADE
- 24 PROPOSED SPOT GRADE
- - - EXISTING CONTOUR
- - - PROPOSED CONTOUR
- - - WATER SERVICE LINE
- - - OVERHEAD UTILITY LINES
- - - UNDERGROUND UTILITY LINES
- - - GAS SERVICE LINE
- - - EDGE OF CLEARING
- - - EROSION CONTROL FENCE
- TEST HOLE LOCATION
- SEPTIC TANK
- DISTRIBUTION BOX
- SOIL ABSORPTION SYSTEM

SEASHORE DISTRICT ZONING DIMENSIONAL REQUIREMENTS

MINIMUM LOT SIZE: 3 ACRES
 MINIMUM LOT FRONTAGE: 150'
 MINIMUM FRONT SETBACK: 50'
 MINIMUM SIDE SETBACK: 25'
 MAXIMUM BUILDING HEIGHT: 30'

LOT COVERAGE

EXISTING:	2516 SF	2.0%
PROPOSED:	3554 SF	2.6%

STRUCTURES WITHIN 50' BUFFER

EXISTING:	1726 SF
PROPOSED:	0 SF



SURVEY BY:
DEMAREST LAND SURVEYING
 338 MAYFAIR ROAD
 SOUTH DENNIS, MA 02860
 508-364-9049

REVISION: 01/26/2022: Added Limit of Work, Conservation Notes, Revised TOF.
 REVISION: 1/20/2021: Revised Deck, Floor Plan, Wall, SAs, Lot Coverage Calc.
 Project:
VICTOR RIVERA & LAURA BERGAN
 15 LAKEVIEW STREET - ARLINGTON, MA 02496

Title:
SITE AND SEPTIC PLAN
NOTICE OF INTENT APPLICATION
 82 SOUTH PAMET ROAD - TRURO, MA

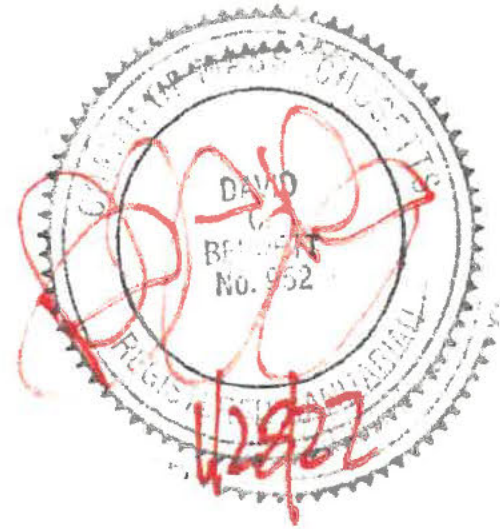
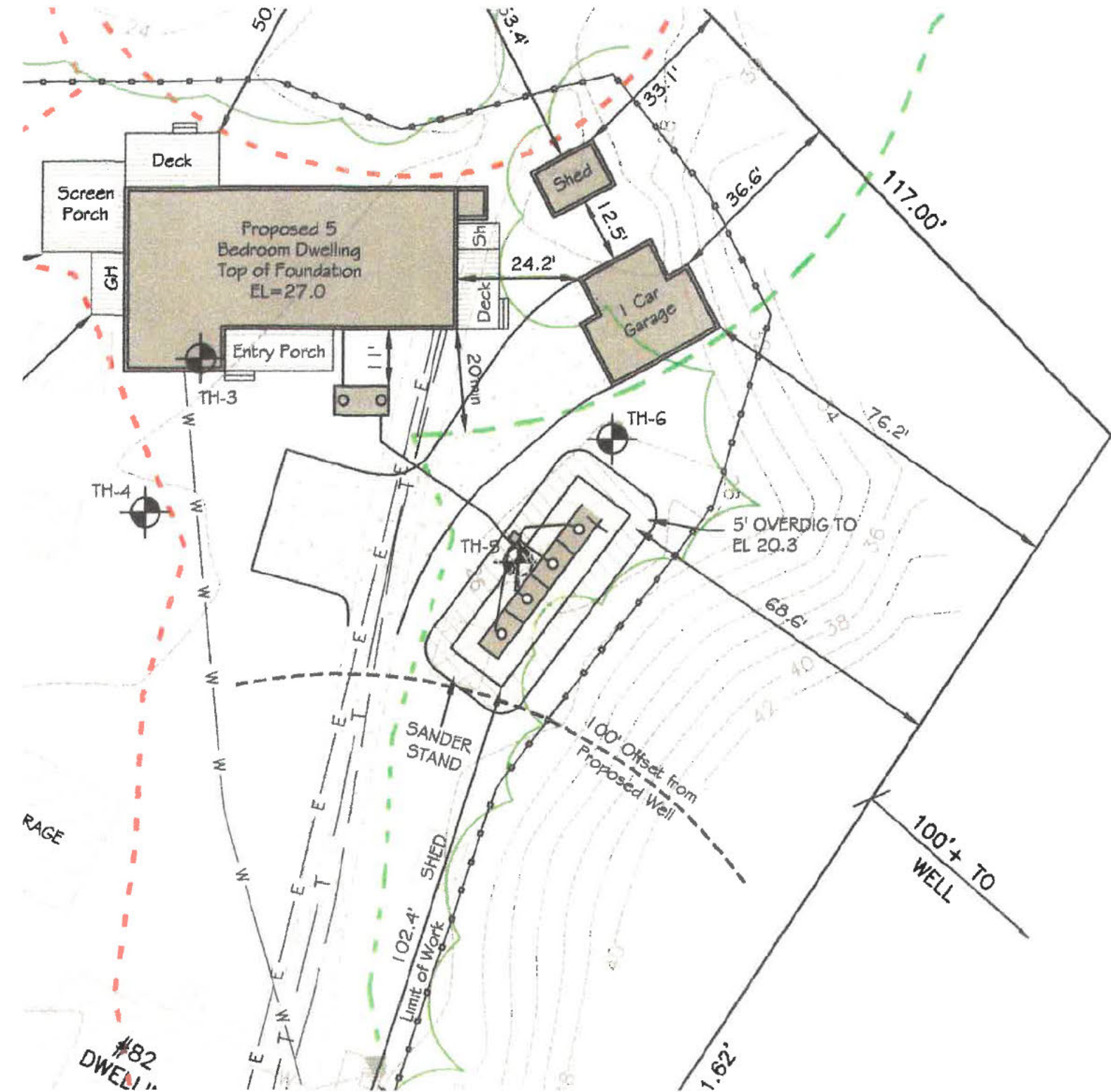
BENNETT ENVIRONMENTAL ASSOCIATES, LLC.
 A NATURAL SYSTEMS UTILITIES COMPANY
 LICENSED SITE PROFESSIONALS, ENVIRONMENTAL SCIENTISTS, GEOLOGISTS, ENGINEERS
 1573 MAIN STREET - BREWSTER, MA 02631
 PHONE: (508) 694-1706 www.bennett-ea.com FAX: (508) 694-1109

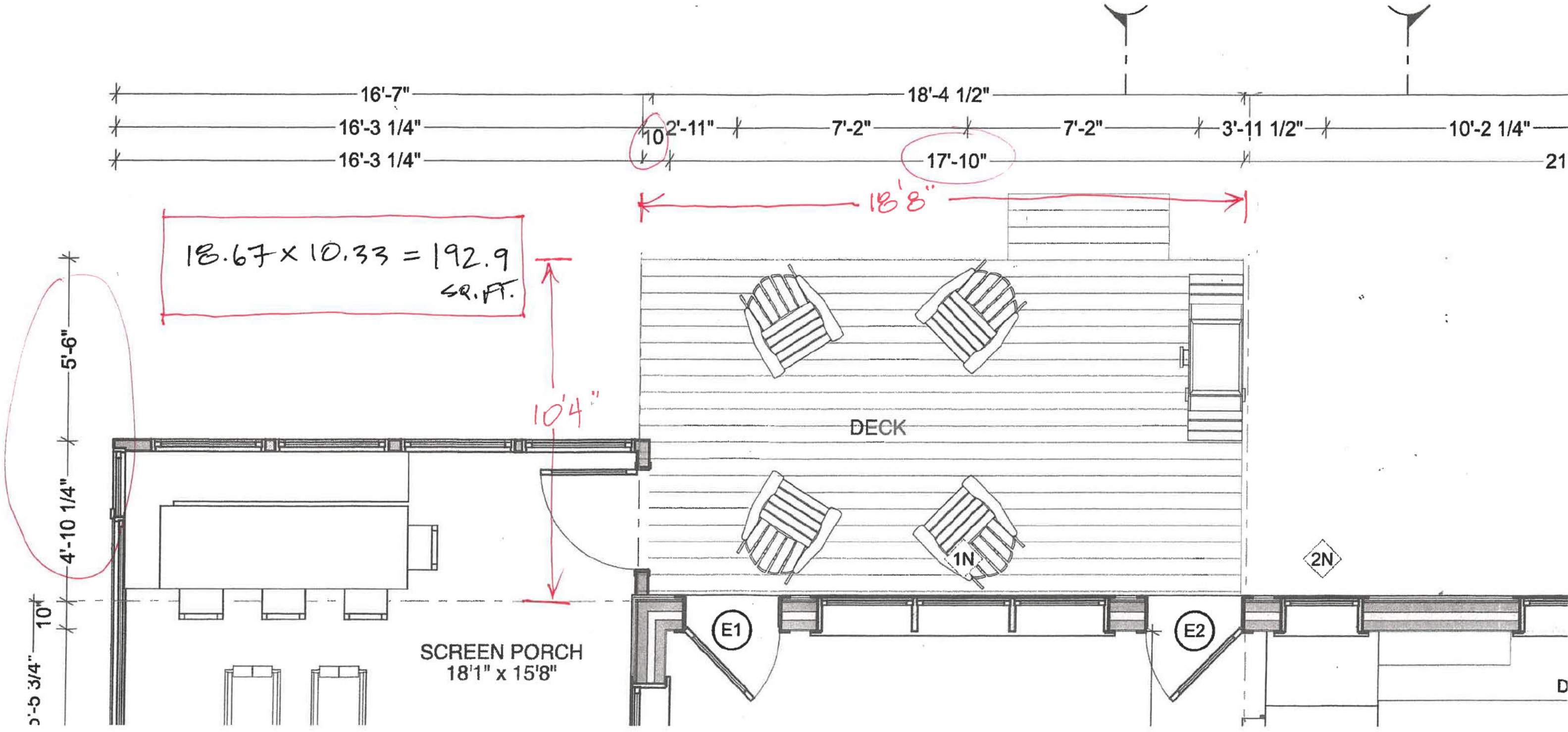
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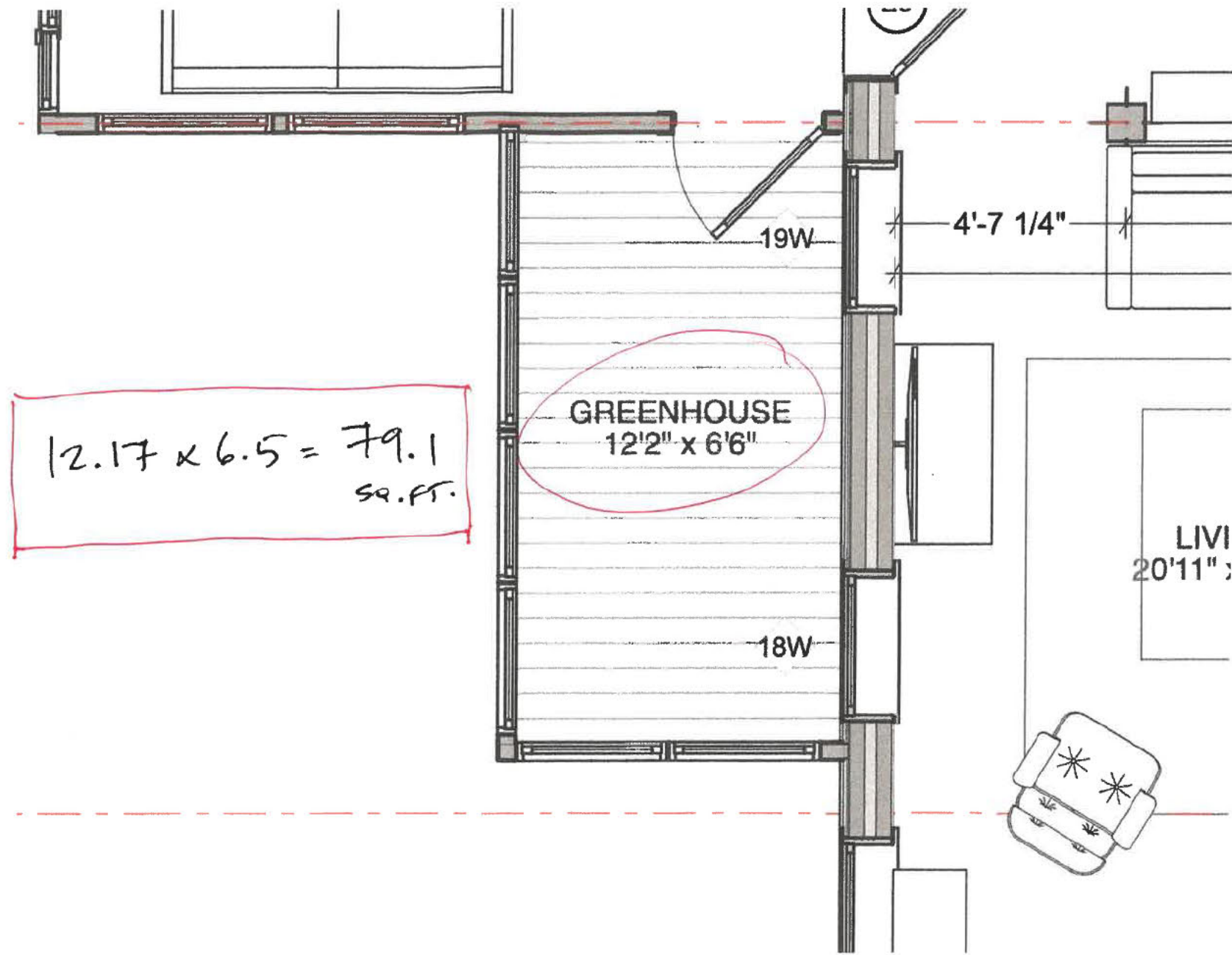


DETAIL OF APPROVED
SITE PLAN.

01.28.22







$12.17 \times 6.5 = 79.1$
sq. ft.

GREENHOUSE
12'2" x 6'6"

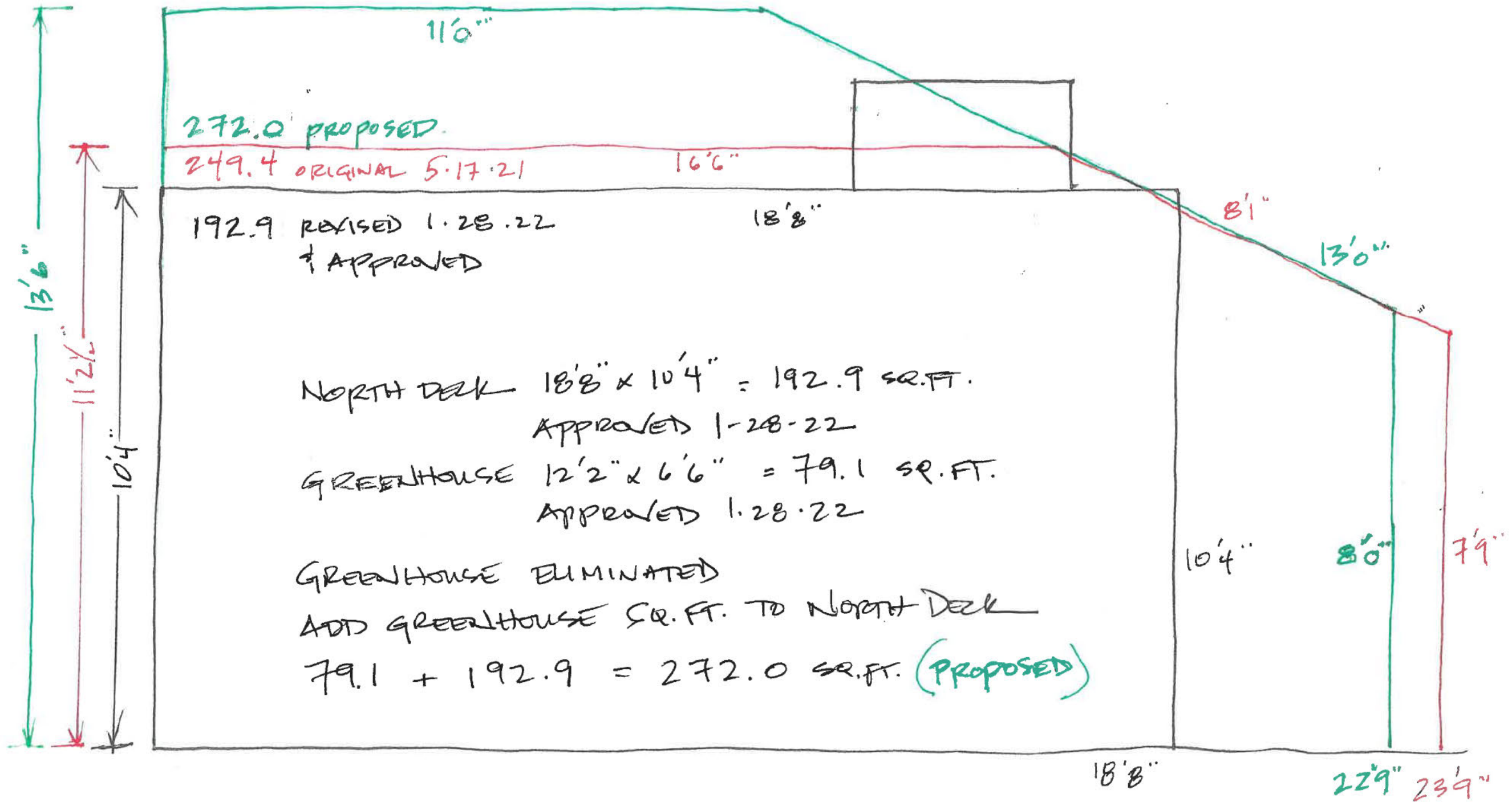
LIVE
20'11"

19W

4'-7 1/4"

18W

82 SOUTH PAMLET RD.



APR 22 2024



TOWN OF TRURO

Conservation Commission

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

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Days Cottages Telephone: _____

Email address: _____

Owner Name: Mark Haversat Telephone: _____

(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: 276 Shore Rd Map: 13 Parcel: 22

Description of proposed work: _____

Deliver & spread 60yds beach nourishment sand to upper beach where needed

Proximity to Resource Areas: _____

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.

- 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.

James W. Fisher 4/22/24
 (Signature of Applicant) (Date)

FOR OFFICE USE ONLY

Agent's Comments: Sand placement behind bulk heads.

Site Inspection Date: 4/16/2024 Application Approved: Yes No

Conservation Commission Review: Meeting Date: 5/6/2024 Permit Approved: Yes No
 Conditions: _____

Signature of Commission Chair or Agent: _____ Date: _____

PERMIT # 2024-14



TOWN OF TRURO

Conservation Commission

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

Conservation Commission
TOWN OF TRURO

APR 29 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Gail Nogueira Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: Gail Nogueira 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: 10 Pilgrims Path Map: 35 Parcel: 112

Description of proposed work: Install retractable or removeable aluminum stair to replace the bottom section of beach stairs that were damaged in the winter storms

Proximity to Resource Areas: Coastal bank, coastal beach

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.

- 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.

see file 4/29/2024
 (Signature of Applicant) (Date)

FOR OFFICE USE ONLY:
 Agent's Comments OK for AR since installing removable
Aluminum stairs

Site Inspection Date: 4/29/2024 Application Approved: Yes No

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

Signature of Commission Chair or Agent: _____ Date: _____



10 Pilgrims Path 4/24/2024



10 Pilgrim's Path

4/24/2024

PERMIT # 2024-13

PAID



TOWN OF TRURO

Conservation Commission

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

Conservation Commission
TOWN OF TRURO

APR 23 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Janet London (Swain) Telephone: [Redacted]
Email address: [Redacted]
Owner Name: Janet London (Swain) 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: #33 Knowles Hwy Rd N. TRURO Map: 35 Parcel: 9

Description of proposed work: put down netting to eroding ~~shore~~ bank + planting + cut dead pines very dead.

Proximity to Resource Areas: Coastal bank Request 60-day

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.

PAID

- 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.

[Handwritten Signature]

(Signature of Applicant)

April 23 2024

(Date)

FOR OFFICE USE ONLY:

Agent's Comments

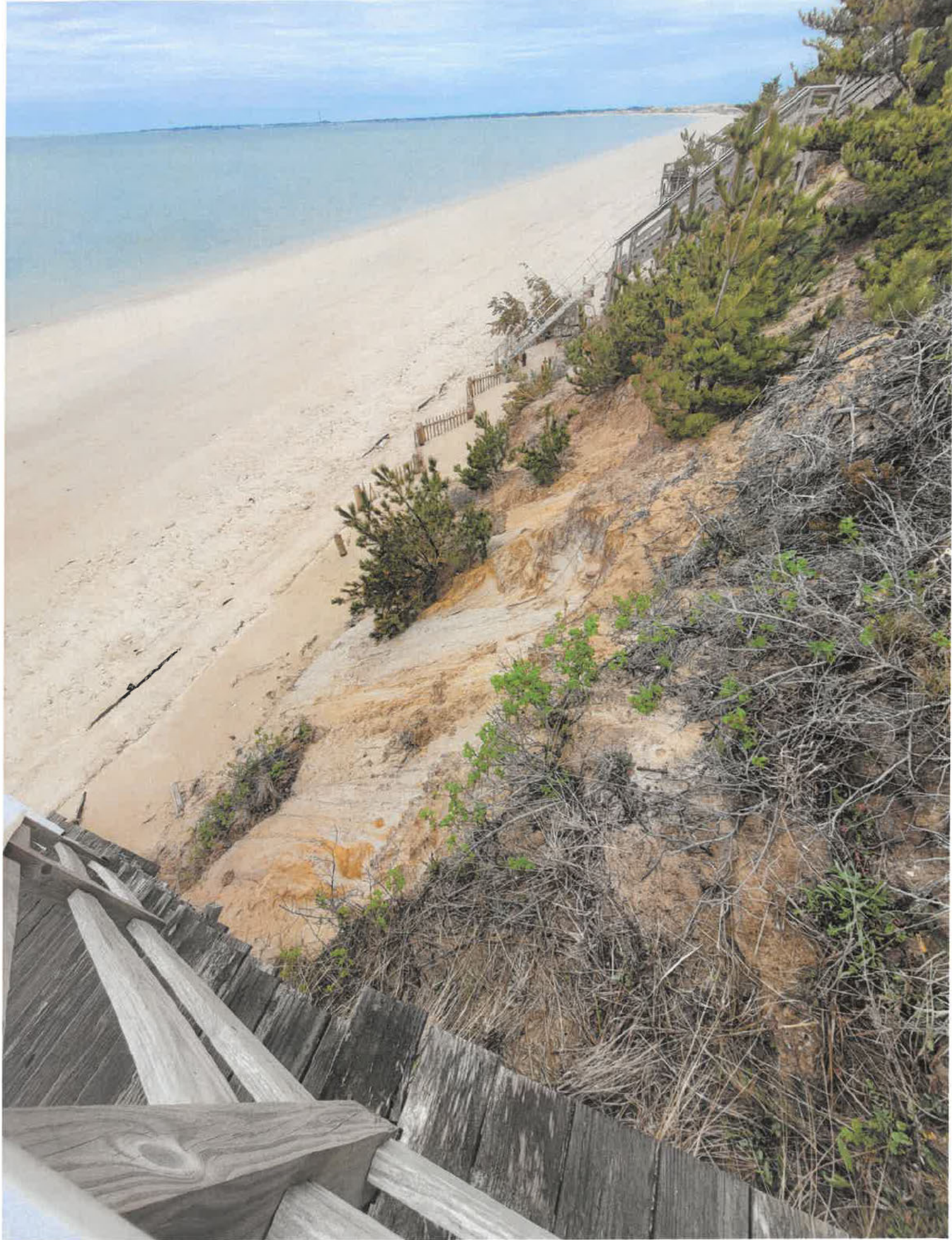
Due to the instability of the bank - we recommend the use of a professional. Per email w/owner, using Lindsay Strobe.

Site Inspection Date: *4/30/24* Application Approved: Yes No

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

Signature of Commission Chair or Agent: _____ Date: _____









Arozana Davis

From: Janet London <[REDACTED]>
Sent: Tuesday, April 30, 2024 10:23 AM
To: Arozana Davis
Subject: Re: AR for Eroding Bank and Dead Trees

Arizona, I have Lindsay Strobe , a professional recommended by Emily Beebe of the conservation commission . He is coming Friday to evaluate the work needed to be done and plantings in the fall.

I plan to just start on May 4th when my permits starts to lay the netting from the top of the bank and let it flow down the bank and staked with wooden stakes to keep it in place here where needed . This is just a temporary solution to hold back further erosion from wind and rain until the slope can be planted in the fall when I am allowed, and dune grass is available and to bring in sand where needed, if possible and then planted with dune grass professionally or other plantings that are better for this

I will apply for another permit in early Oct. for the fall work to be done professionally .

Yes ,the very dead trees are on the side of the house and will be cut from the bottom as you said . I hope this answers your questions and let me know if you have any concerns or questions , thanks, Janet London (Swain) Jonah Swain is my son

From: Arozana Davis <ADavis@truro-ma.gov>
Sent: Tuesday, April 30, 2024 1:32 PM
To: [REDACTED]
Subject: AR for Eroding Bank and Dead Trees

Good Morning,

I was on-site today to check out the proposed work at 33 Knowles Heights Rd.

There is significant erosion occurring to this bank. When you say you are going to put down jute netting and add plantings, how far up the bank will you be going? Will a professional be doing the work?

Also, I assume the dead pines you mentioned are the ones to the left of the house at the top of the bank? If the Commission approves this, they will need to be flush cut. You won't want to disrupt any of the root system due to the fragility of that bank.

Let me know the answers to these questions as soon as possible so that I can make sure to get your application on the agenda.

Best,

Arozana

 **PHONE:** 508-214-0202



TOWN OF TRURO

Conservation Commission

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

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: ELEANOR COLLINS Telephone: [Redacted]

Email address: [Redacted]

Owner Name: [Redacted] Telephone: _____

(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: 466 Shore Road Map: B Parcel: 29

Description of proposed work: nourish behind bulkhead w/ sand
+ regrade behind bulkhead.

Proximity to Resource Areas: 6' w/in

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, sonotubes, 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.

- 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.

Eleanor Collins 5/2/2024
 (Signature of Applicant) (Date)

FOR OFFICE USE ONLY

Agent's Comments 60 days requested

Site Inspection Date: 4.30.24 Application Approved: Yes No

Conservation Commission Review: Meeting Date: 5/6/2024 Permit Approved: Yes No
 Conditions: _____

Signature of Commission Chair or Agent: _____ Date: _____



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

Conservation Commission Meeting Minutes: April 1, 2024

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

This was a hybrid meeting with both in-person and remote participants. Chair Carol Girard-Irwin called the meeting and public hearings to Order at 5:00 pm and provided the virtual meeting instructions.

The Commissioners began the meeting with words of remembrance for former Commission Chair Deborah McCutcheon who recently passed away.

Notice of Intent: 402 Shore Road, Kevin Shea (SE#75-1193): install seasonal beach access stairs within a shared easement with Ms. Murtagh; Barrier Beach, Coastal Dune, Land Subject to Coastal Storm Flowage. (Map 10, Parcel 22) This hearing was first heard on January 8, 2024 and continued until this date. The easement has been moved and agreed upon by the parties. Attorney Stephanie Keefer of Smolak & Vaughn confirmed that the entry point to the easement had been altered to protect the vegetated area of the dune. The Agent asked about the seasonality of the stairs. A condition of approval will be that the seasonal stairs be removed and stored off-site between October 31st and April 1st. Abutter Judy Powers asked about the stakes delineating the easement. They had seen the previous stakes but the surveyor moved the stakes that morning to reflect the current location of the easement. She also asked about some apparent cutting of beach grass. The Agent noted that the foot traffic would result in maintenance of the grass. The Commission will add a condition that prohibits any grass cutting. Abutter Mike Powers asked about the plan from the packet vs the stamped plan and for clarification on the location of the easement relative to a vegetated dune area. The Agent explained that the dune area was in the road layout and the entrance to the easement has been adjusted to not cross the dune. She also noted that the only difference between the draft plan and the stamped plan was additional measurements, but no change to the location of the easement. Chair Carol Girard-Irwin stated that nothing is perfect but the owner and applicant have come to the best agreement that they could. **Motion: Commissioner Linda Noons-Rose moved to approve the Notice of Intent with conditions; Second: Commissioner Bob White; Vote: 4-0-0; the motion carried.**

Request for Determination of Applicability: 21 Fisher Road, Kathy Jackson: cesspool upgrade; Buffer Zone to Isolated Wetland. (Map 54, Parcel 13)
Laura Schofield represented the request for a cesspool upgrade. **Motion: Commissioner Linda Noons-Rose moved for a negative 3 determination; Second: Commissioner Diane Messinger; Vote: 4-0; the motion carried.**

Notice of Intent: 5 Depot Lane, Ann Marie Wilkinson: vista pruning; Riverfront Area,

Buffer Zone to a Coastal Bank. (Map 50, Parcel 95) Charles Wentz from Ponderosa Landscaping and Ken MacPhee from Bartlett described the proposed work and mitigation. They have proposed two view corridors. The Commissioners expressed concern that the piles of dead material on the property may be a fire hazard. The Agent stated that the view corridor on the left side was clear but asked for more definition for the other view corridor. Ken MacPhee explained that the view corridor was only evident from the second floor of the dwelling and included removing some limbs on an oak, the dead pine snags, and dead lateral limbs from some of the live pine trees. The Agent also asked about new plantings. Those will be added in the areas that will be flush cut. The Commission clarified a condition about the dead material to state that all cut material should be removed. The dead material over the bank should remain as habitat but the material to the east of the house should be removed. **Motion: Commissioner Linda Noons-Rose moved to approve the Notice of Intent with conditions; Second: Commissioner Diane Messinger; Vote: 4-0-0; the motion carried.**

Notice of Intent: 11 Old County Road, Eric Bingham: vista pruning; Buffer Zone to a Bordering Vegetated Wetland. (Map 50, Parcel 237) Property owners Joe Robbat (50 and 52 Depot Ln) and Eric Bingham (11 Old County Rd) plan to rearrange their property lines and donate a section to the Conservation Trust. A view easement will be included across this donated lot. The Agent asked for a description of phasing the project. Representative Chris Lucy stated that in Phase 1 they would remove trees greater than 20 feet in height from the view corridor. The view corridor would be reevaluated, Phase 2 cutting would address any further reductions or trimmings. The Commissioners asked the applicant to remove the invasive honeysuckle in a 20-foot radius around Eastern Red Cedar trees adjacent to the driveway. On-going maintenance would likely be an on-going condition. **Motion: Commissioner Linda Noons-Rose moved to approve the Notice of Intent with conditions; Second: Commissioner Bob White; Vote: 4-0-0; the motion carried.**

Field Change: 15 Avocet Road, SE075-1194

Laura Schofield described the proposed field change to reduce the size of a deck and replace existing timber sand filled landings with wood framed landings, 1 to 1. **Motion: Commissioner Bob White moved to approve the field change; Second: Commissioner Diane Messinger; Vote: 4-0; the motion carried.**

Certificates of Compliance: (1) 522 Shore Road SE# 75-1106 This item was tabled and no action taken.

Administrative Review application: (1) 6 Ryder Beach Way: 30-day extension, (2) 372 Shore Road: 60-day extension, (3) 21 Crestview Circle: plantings; (4) 566 Shore Road, U:7: repair stair; (5) 482 Shore Road: nourishment; (6) 618 Shore Road: repair wooden steps; (7) 33 Knowles Heights Road: hand dig helical pile extensions; **Motion: Commissioner Linda Noons-Rose moved to approve all of the administrative review applications; Second: Commissioner Diane Messinger; Vote: 4-0; the motion carried.**

Minutes- February 5, 2024, March 4, 2024 **Motion: Chair Carol Girard-Irwin moved to approve the minutes from February 5, 2024 and the minutes from March 4, 2024 as amended.; Second: Commissioner Linda Noons-Rose; Vote: 4-0-0; the motion**

carried.

Commissioner Linda Noons-Rose moved to adjourn the meeting; Second: Commissioner Bob White; Vote: 4-0-0; the motion carried.

The meeting was adjourned at 6:01 PM.

Respectfully Submitted by Courtney Warren

Come join us for a Ribbon Cutting Celebration for the opening of the newly completed trails and benches at the High Head Conservation Area on Tuesday, May 14 at 2:00 PM at the Route 6 kiosk in North Truro.

Almost 40 years ago, this conservation and passive recreation land was acquired as the result of the combined efforts of the Truro Conservation Commission, the Town of Truro, the Commonwealth of Massachusetts, the Truro Conservation Trust (TCT), and the many generous private donations from our conservation minded community.

This sprawling scarp has over 50 acres of coastal heathland that now has three well marked moderate-level hiking trails of about 1.5 miles in overall length with breathtaking bay views, benches, and informational signage. Within this birders' delight, discover the Wolf Oak Trees and rare broom crowberry, numerous varieties of lichen, and be sure to bring your camera as you'll want to share the iconic vistas. The trail system was designed and built by the non-profit Truro Conservation Trust (TCT) with the approval of the Truro Conservation Commission which owns the property. The TCT will also provide ongoing maintenance and stewardship of the property and trail system.