

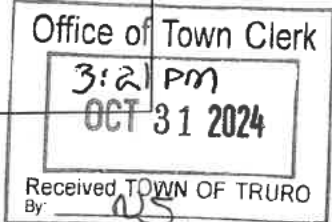


Truro Conservation Commission

Monday November 4, 2024
Hybrid Meeting start at 5:00 PM
Truro Town Hall, 24 Town Hall Rd

AMENDED

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: 833 9225 6598**

You can join this Zoom meeting from your computer, tablet or smartphone at <https://us02web.zoom.us/j/83392256598>. 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 ebecbe@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: 67 North Pamet Road, Anne Peretz:** 1:1 replacement of deck/stoop; water heater enclosure; driveway repair; Buffer Zone to a Coastal Bank (Map 47, Parcel 141)
2. **Request for Determination of Applicability: 43 Ryder Beach Road, Noel O'Connell:** enclose portion of existing carport on an existing slab for a utility room; Land Subject to Coastal Storm Flowage, Coastal Dune. (Map 63, Parcel 19)
3. **Request for Determination of Applicability: 8 Mill Pond Road, Susan Collins:** Addition of screened enclosure to existing deck
4. **Notice of Intent: 556 Shore Rd, Shoreline Beach Condo Trust (SE#75-1205):** sand drift fence, coir envelopes, and nourishment work; Barrier Beach, Land Subject to Coastal Storm Flowage, and Coastal Dune. (Map 6, Parcel 6)
5. **Notice of Intent: 5 Knowles Heights Rd, Alina Roytberg & Lev Glazman (SE#75-1206):** beach stair repair; Coastal Bank, Coastal Beach, Land Subject to Coastal Storm Flowage. (Map 23, Parcel 1)
6. **Notice of Intent: 20 Toms Hill Road, Joseph Fiorello (SE#075-):** demolish and replace dwelling (this was a previously approved project with an expired OOC); Riverfront Area & Buffer Zone to a Coastal Bank. (Map 46, Parcel 342) *(continued from 10/7/2024)*
7. **Notice of Intent: 17 Avocet Road, Jennifer & Michael Freitag (SE#075-1204):** replacement of sand drift fence, coir logs, and beach stairs; Coastal Beach; Land Subject to Coastal Storm Flowage, and Coastal Bank. (Map 39, Parcel 217) *(continued from 10/7/2024)*
8. **Administrative Review Applications:** 1.) The following addresses are requesting a 60-day extension to previously approved sand nourishment: **2 Bay View Path, 4 Bay View Path, 1 Merryfield Path, 0 Bay View Rd, 17 Bay View Rd, 19 Bay View Rd, 23 Bay View Rd, 25 Bay View Rd, 29 Bay View Rd, 55 Pond Rd;** 2.) **33 Knowles Heights Road:** cut 2 pine trees; 3.) **433 Shore Rd:** irrigation well; 4.) **35 Black Pond Rd:** cesspool upgrade; 5.) **535 Route 6:** after-the-fact filing for excavation and restoration of a section of lawn within the buffer zone; 6.) **472 Shore Rd:** nourishment, 60 day extension request; 7.) **8 Falcon Ln:** dead tree removal, 60 day extension request

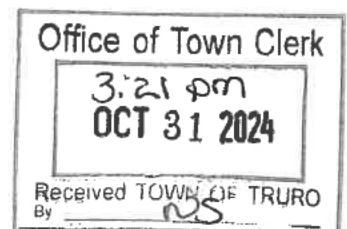
9. Minutes

10. Mitigation discussion

Site visits: Commissioners will meet at Town Hall on Monday, November 4, 2024, at 9:00 AM and proceed to:

1.) 43 Ryder Beach Rd, 2.) 8 Mill Pond Rd, 3.) 67 North Pamet Rd, 4.) 556 Shore Rd, 5.) 5 Knowles Heights Rd

AMENDED to add Minutes to the agenda.





Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

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

Municipality

A. General Information

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



1. Applicant:

First Name

Richard

Address

3 Giddiah Hill Rd.

City/Town

Orleans

Phone Number

Last Name

Buckley

State

MA

Zip Code

02653

Email Address

[Redacted]

2. Property Owner (if different from Applicant):

First Name

Anne

Address

39 Fayerweather St.

City/Town

Cambridge

Phone Number

Last Name

Peretz

State

MA

Zip Code

02138

Email Address (if known)

[Redacted]

3. Representative (if any)

First Name

Last Name

Company Name

Address

City/Town

State

Zip Code

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):

Street Address

67 North Pomer Rd.

City/Town

Truro

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

47

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

141

Assessors' Map Number

47

Assessors' Lot/Parcel Number

141

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

Natural wooded area, open space around the house

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

Title

Deck Plan

Date

10/9/24

Stair Plan

Date

10/9/24

Title

Water heater housing

10/9/24

Date

10/9/24

[How to find Latitude
and Longitude](#)

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



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

B. Project Description (cont.)

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

- Replace existing 10'x24' deck in front of cottage.
(no expansion) Hand dig sonotube footings.
- Replace damaged steps in back of cottage with wood frame construction. (no expansion) 1:1 Replacement Concrete block footings
- See sheet ②

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).

1:1 Replacement / no machines - hand work

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

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

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

B.

2. a. continued

- Relocate water heater from inside of bathroom to outside of wall - Attach to gable end wall
 - Build container large enough to house hot water heater approx. 36" x 36" x 72" with small shed roof
 - Set on concrete blocks
-

- Repair dirt driveway: grade driveway smooth and use T-base stone mix on top of existing grade



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 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:

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

10/8/24
Date

Signature of Representative (if any)

Date

Request for Determination

Project address: 67 North Lamer Rd. Map 47 Parcel 141

- Is the project located in a resource area or buffer zone _____
- Resource Area Type(s): _____
- 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) hand dug sonotubes, re-build 10'x27' deck, re-build landing with two steps - back of house, build water heater container, grade driveway
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.

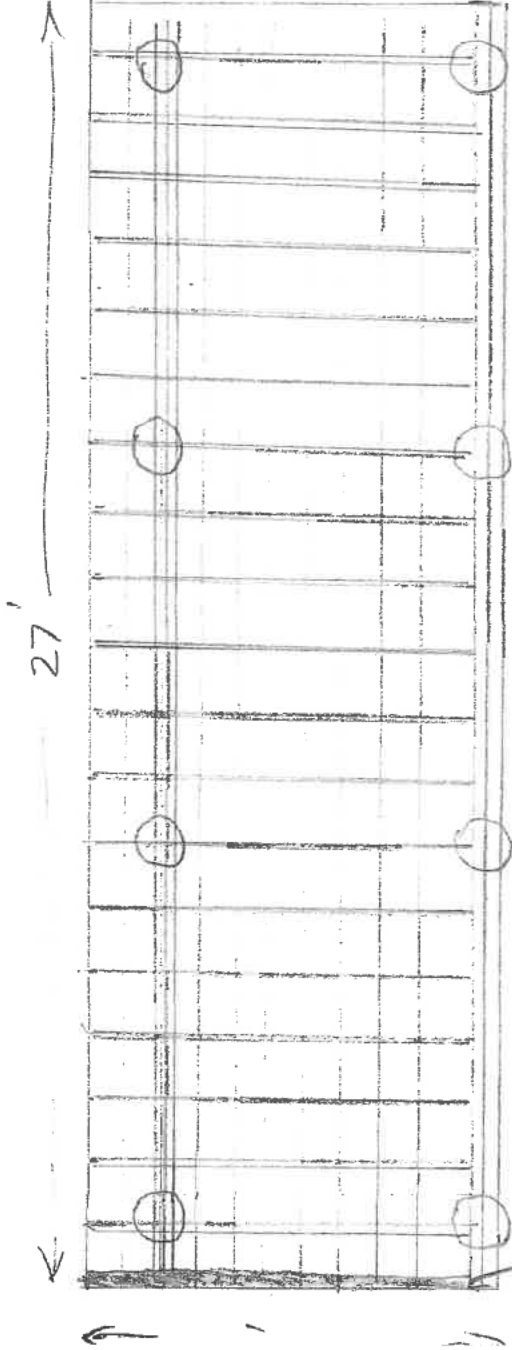
By reading and signing this letter of agreement the applicant acknowledges that they have read and understand the terms as stated herein; the scope of this approval is limited to the work described herein; and your signature on this conditional approval is acknowledgement that no work shall go forward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

Applicant/Representative printed name and signature: Richard Buckley Richard Buckley
Owners printed name and signature: _____

Richard Buckley

Deck Plan

67 N. Pomeroy Rd., Truro



- 10x24' Deck - Free standing
- 2x8 PT joists
- 3x2x8 PT girder
- 2x2x8 Double rim joist
- 8-24" Bigfoot footings
- 10" Sonotubes
- 6x6 posts/post bases
- 5/4x6 mahogany decking
- 2 1/2" S.S. Screws

Height of Deck: 31"
at high end





Richard Buckley

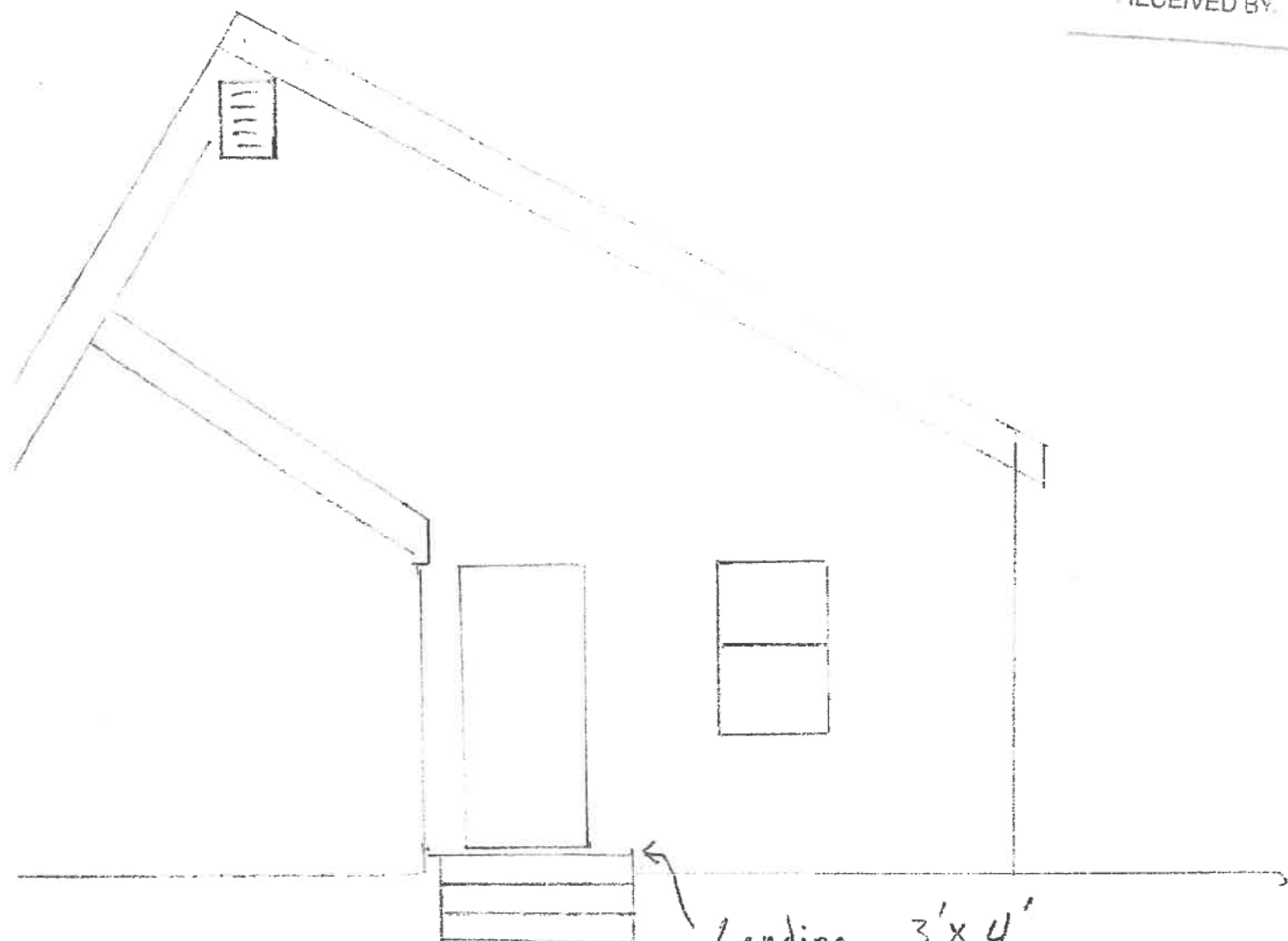
67 N. Pomeroy Rd., Truro

Stair Plan

HEALTH DEPARTMENT
TOWN OF TRURO

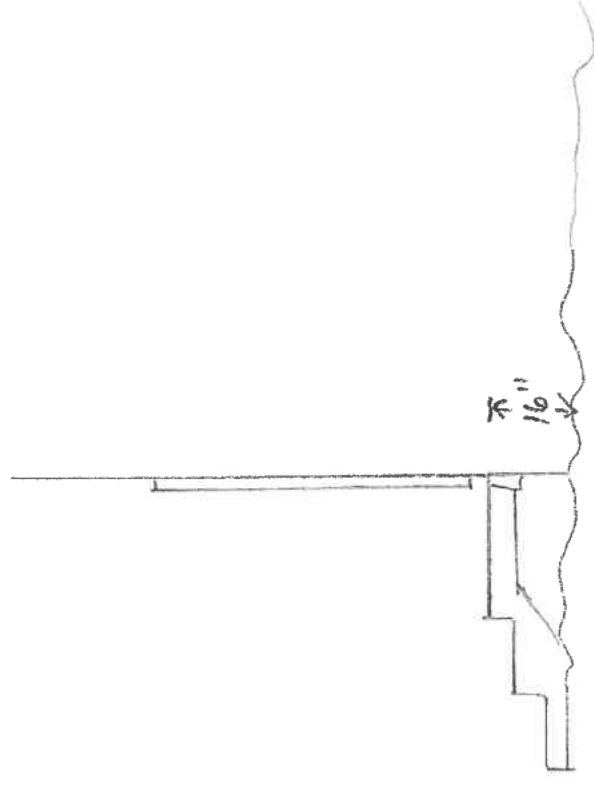
SEP 19 2024

RECEIVED BY.



Landing 3' x 4'

- PT 2x8 Frame 16 o.c. joists/hanger:
- 2x8 ledger lag bolted to floor frame
- 5/4" x 6" mahogany decking
- Concrete footings

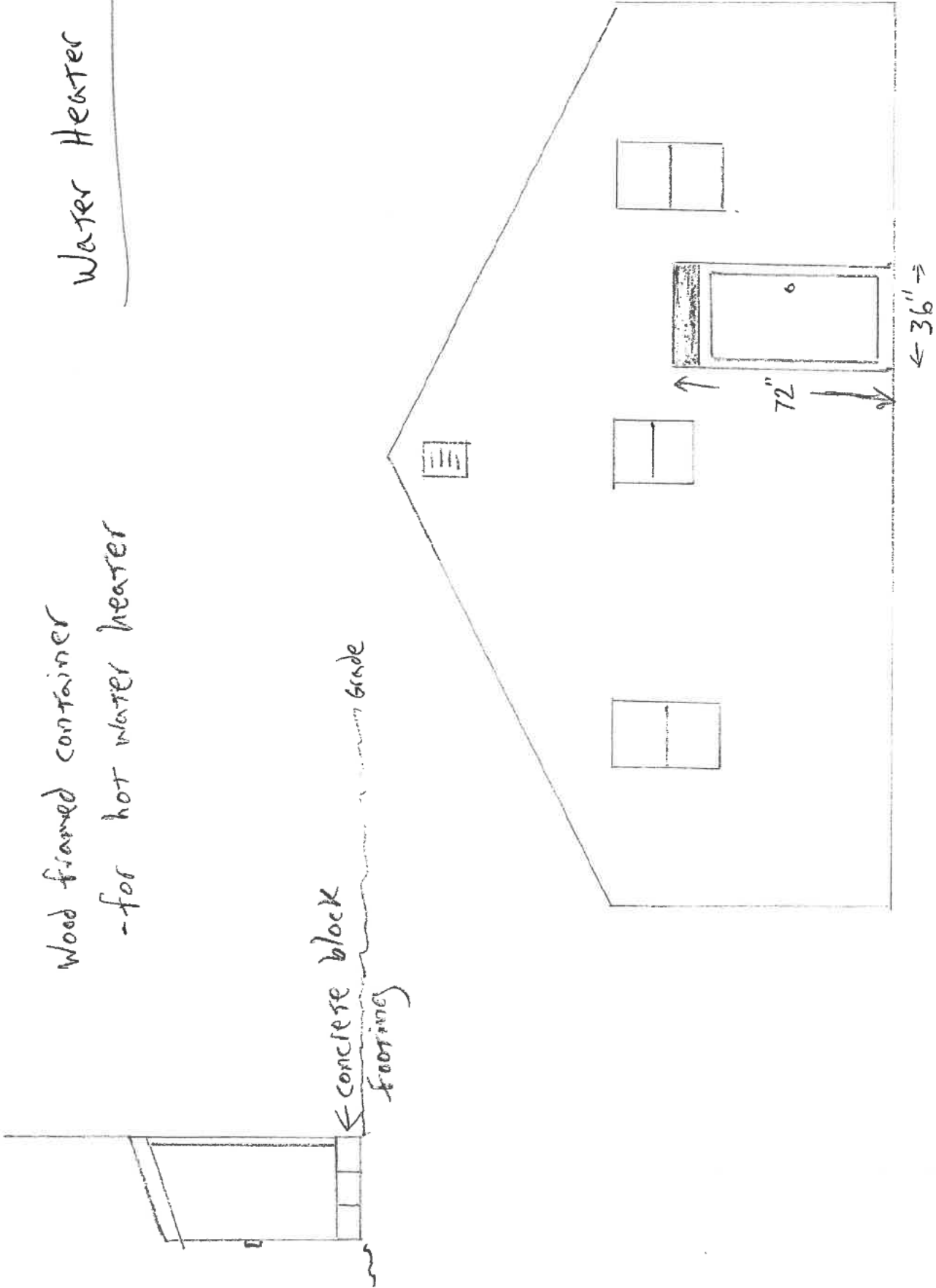
Stair Plan

- RT 2x8 joists / hangers 16" o.c.
- 2x8 ledger lag bolted to floor frame
- 2x12 stair stringers
- 5/4" x 6" mahogany decking
- concrete footings - concrete blocks



Wood framed container
- for hot water heater

Water Heater Housing







67 North Pamet w/Contours

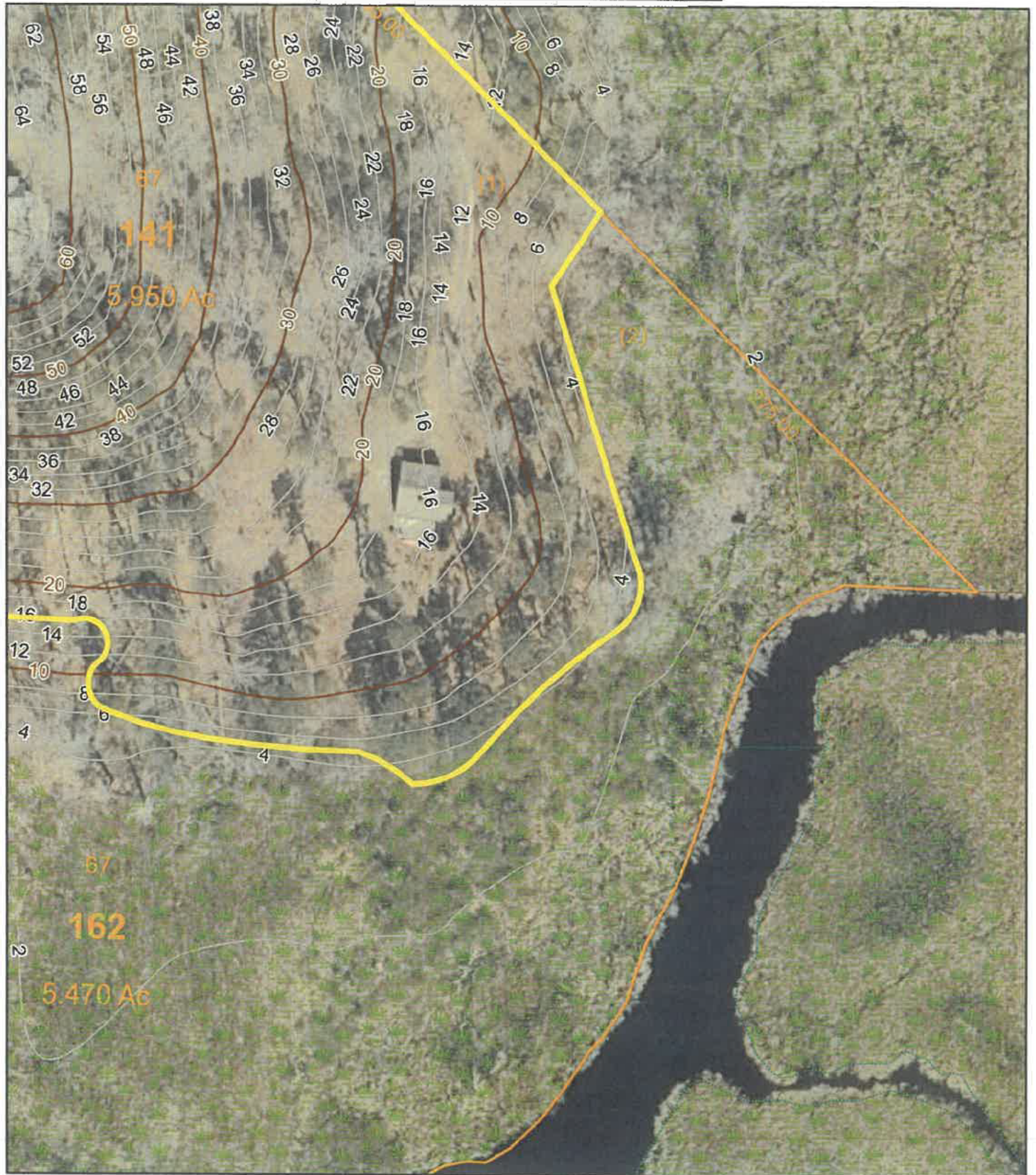
Town of Truro, MA

1 inch = 70 Feet



www.cai-tech.com

October 8, 2024



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



67 North Pamet Rd

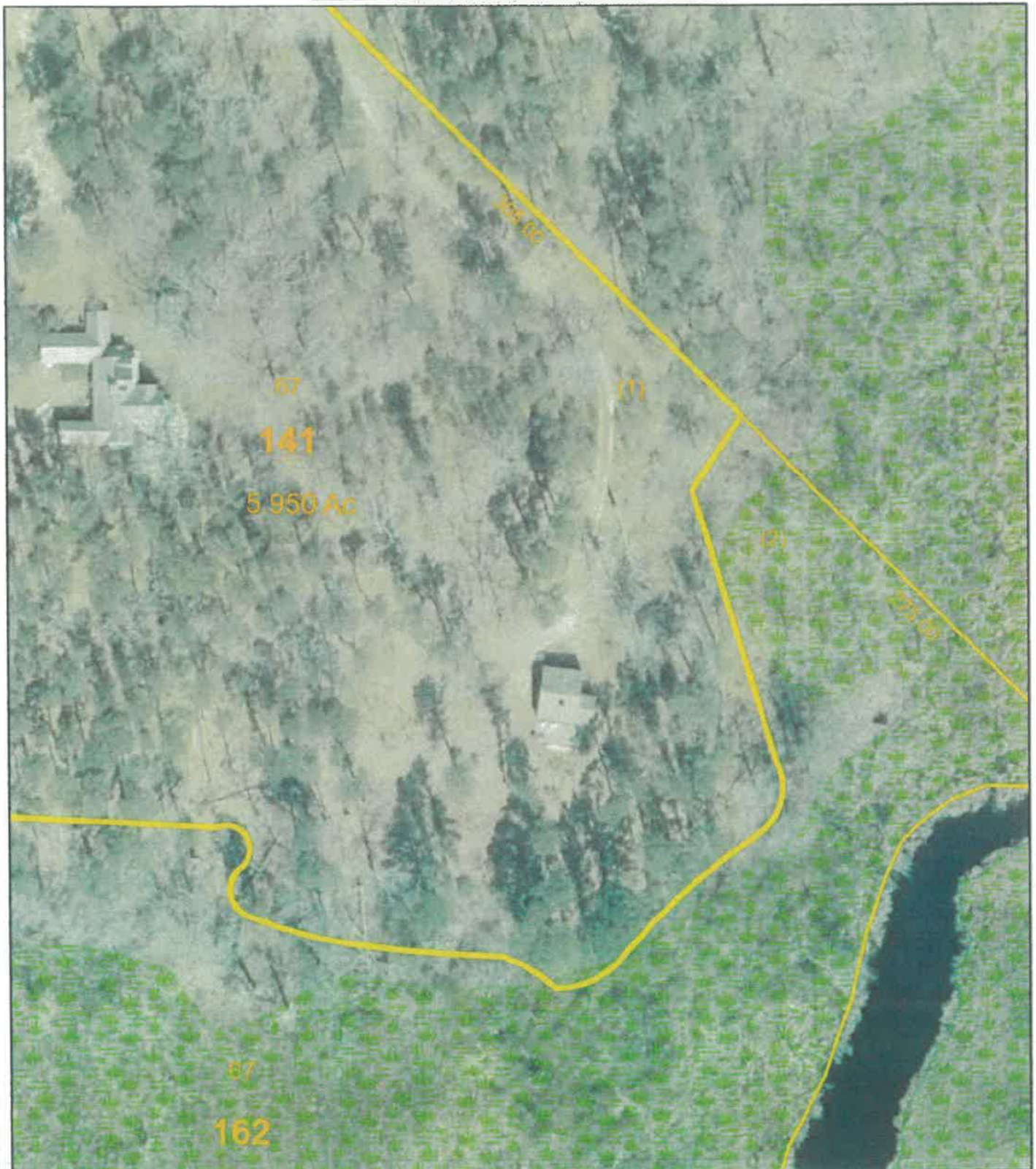
Town of Truro, MA

1 inch = 70 Feet



www.cai-tech.com

September 20, 2024



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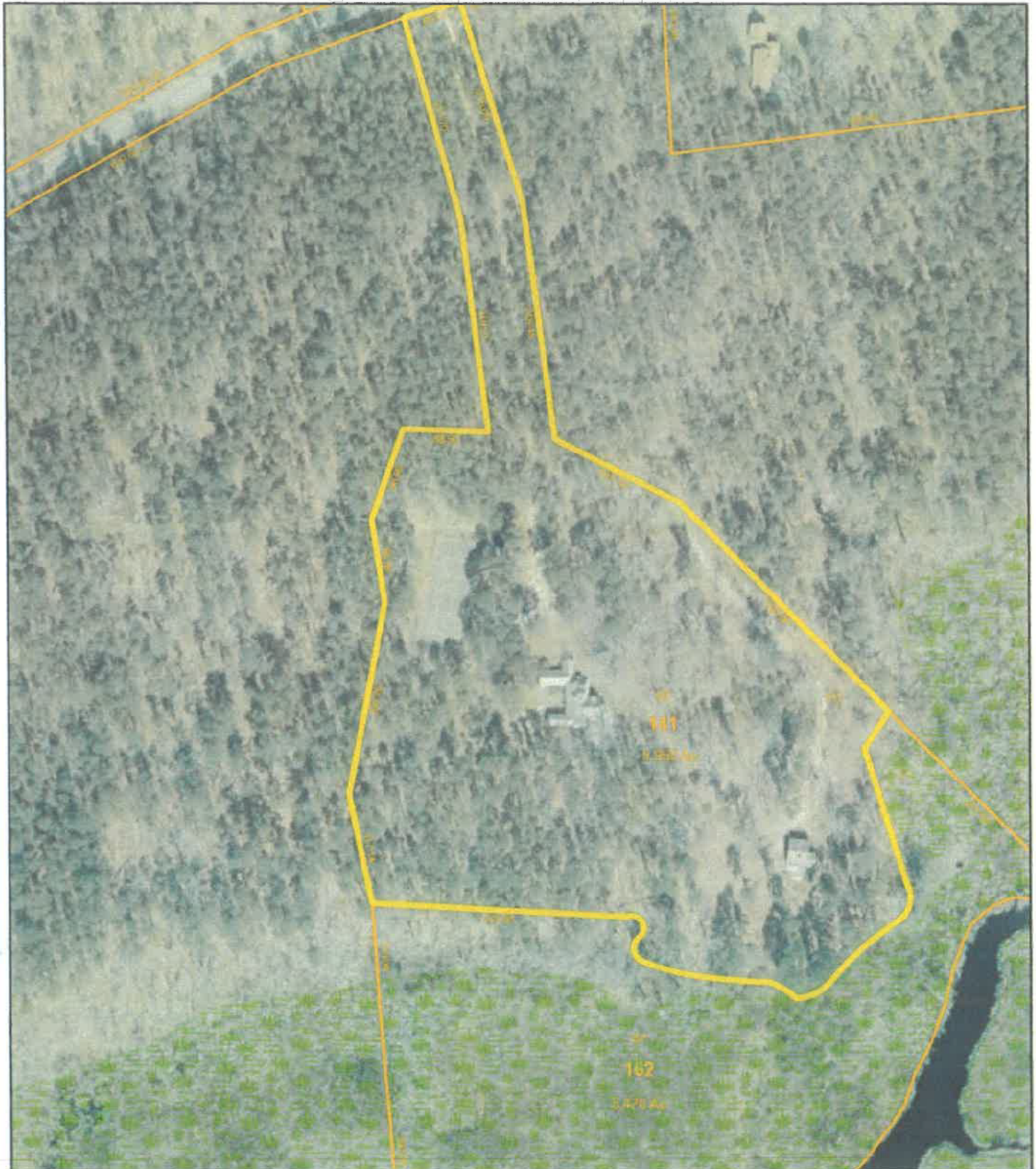


1 inch = 140 Feet



CAI Technologies
Precision Mapping. Geospatial Solutions.

September 20, 2024



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



Conservation Commission
TOWN OF TRURO

SEP 24 2024

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

Request for Determination

Project address: 43 Ryder Beach Rd.

Map 3635 Parcel 63-19-0

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

Description of project: (list all activities and describe methodology for construction or installation including equipment type if applicable) Enclosure of 170 square foot section of carport on existing slab. No change
Enclosed area is underneath first floor of residence.

Attached site plan titles/dates, and any other plan or narratives title/dates: Site plan, 43 Ryder Beach Carport plan

Describe the best management practices/mitigation that will be used on the site: All work will be performed in or in driveway. No vegetation will be affected. Any required mitigation per Conservation Commission.

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: Noel O'Connell

Owners printed name and signature: Noel O'Connell



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

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:
Noel

O'Connell

First Name
295 Town Highway 19

Last Name

Address
Craftsbury Common

VT

05827

City/Town

State

Zip Code

Phone Number

Email Address

2. Property Owner (if different from Applicant):

First Name

Last Name

Address

City/Town

State

Zip Code

Phone Number

Email Address (if known)

3. Representative (if any)

First Name

Last Name

Company Name

Address

City/Town

State

Zip Code

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):
43 Ryder Beach Rd.

Truro, MA 02666

Street Address
41.96291

City/Town
-70.07639

Latitude (Decimal Degrees Format with 5 digits after decimal
e.g. XX.XXXXX)
3635

Longitude (Decimal Degrees Format with 5 digits after
decimal e.g. -XX.XXXXX)
63-19-0

Assessors' Map Number

Assessors' Lot/Parcel Number

- b. Area Description (use additional paper, if necessary):
LSCSS, Barrier Beach, Coastal Dune

- c. Plan and/or Map Reference(s): (use additional paper if necessary)
satellite location view(from Truro arcgis database)

9/24/2024

Title
Plan and photo of project area

Date
9/24/2024

Title

Date

[How to find Latitude
and Longitude](#)

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



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

Truro

Municipality

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

B. Project Description (cont.)

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

Enclosure of 170 square foot section of carport on existing slab. No change to footprint. Enclosed area is underneath first floor of residence. Enclosure will protect water system from freezing.

- 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).

No change to footprint. No impact on dune or vegetation. All work done in carport or

on driveway.

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

Truro

Municipality

C. Determinations

1. I request the 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:

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 of Applicant

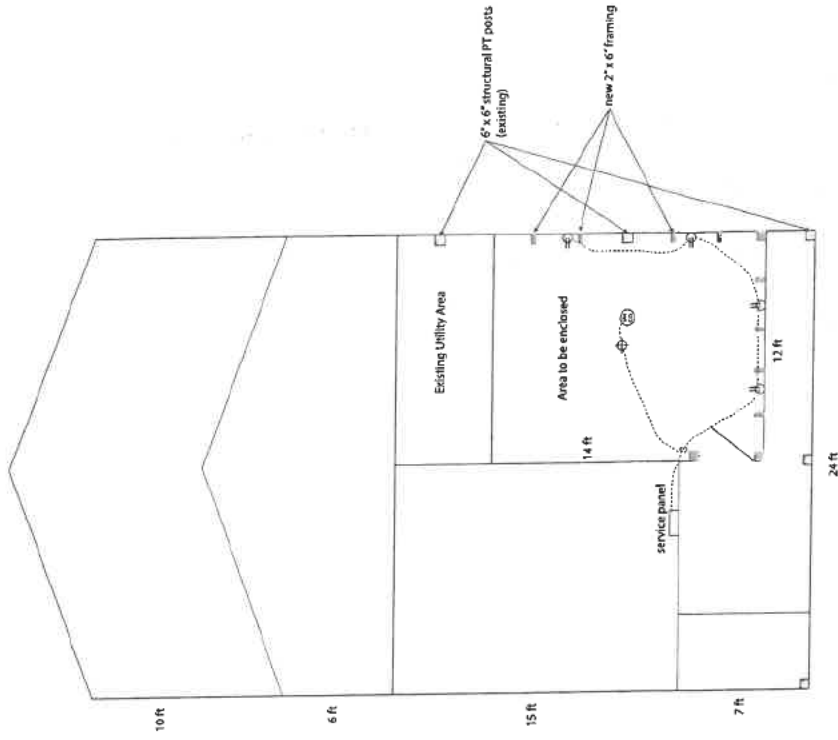
9/24/2024

Date

Signature of Representative (if any)

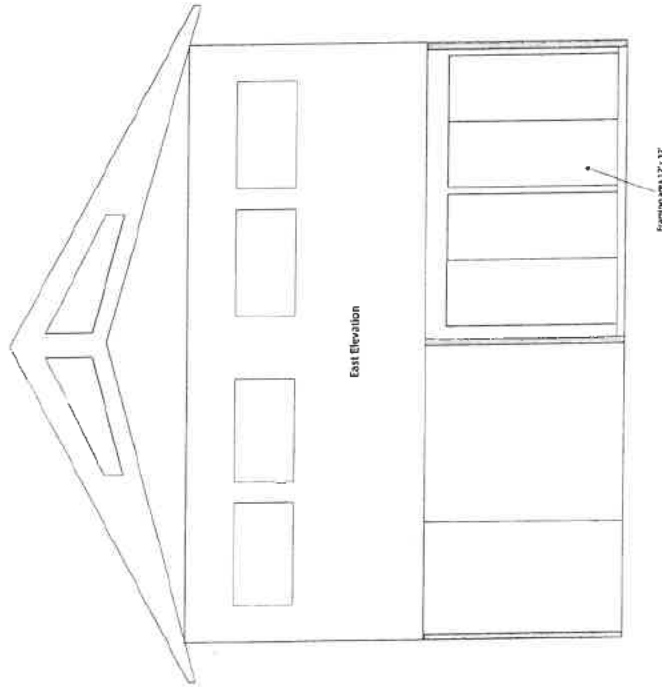
Date





Swanton O'Connell residence carport enclosure plan
 contact:
 Vince O'Connell
 43 Ryder Beech Rd.
 Truro, MA 02666
 413-522-1282
 vince@yellowhousefilms.com

September 22, 2024



Notes

1. 2"x6" framing
 2. 2lb RMax sheathing
 3. Cedar shingle siding
 4. insulation
 5. ceiling - R39 rockwool
 6. floor - 4" XPS, 3 1/2" between floor framing, 1/2" thermal break
 7. floor framing 2"x4" (dimensional) ground contact PT 16" oc
 8. floor - 3/4" tag AC plywood
 9. interior wall sheathing - 1/2" AC plywood
 10. heating - 12k btu heat pump interior unit from existing exterior condensor
- Existing utility area
- Insulation
- a. walls - 3" XPS or 3" iro
 - b. ceiling - R39 rockwool
 - c. floor - 4" XPS, 3 1/2" between floor framing, 1/2" thermal break



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
Truro
Municipality
00111-2024

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:
Susan Collins
First Name Last Name
26 Arlington Street
Address
Cambridge MA 02140
City/Town State Zip Code
[Redacted] [Redacted]
Phone Number
2. Property Owner (if different from Applicant):
Maureen P Manning Family Trust, Michael Walsh and Susan Collins Trustees
First Name Last Name
26 Arlington Street
Address
Cambridge MA 02140
City/Town State Zip Code
[Redacted] [Redacted]
Phone Number Email Address (if known)
3. Representative (if any)
First Name Last Name
Company Name
Address
City/Town State Zip Code
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):

8 Mill Pond Road

Truro

Street Address

City/Town

41.98581

-70.06829

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

60

Assessors' Map Number

Assessors' Lot/Parcel Number

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

single family home deck modification to add porch with roof. Rain runoff to already disturbed area

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

Book 581 Page 2 recorded 3/26/2003

03/26/2003

Title

Date

Title

Date

[How to find Latitude
and Longitude](#)

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



B. Project Description (cont.)

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

construction of a screened in porch with roof on an existing deck . All work will be on an existing deck with no new disturbance to any area. Any rain runoff will be on an already disturbed area.

- 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).

No action will alter any undisturbed area of the property. All work on existing deck with no new 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.)



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 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:

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

10/11/24
Date

Signature of Representative (if any)

Date

Request for Determination

Project address: 8 Mill Pond Road Map 54 Parcel 60

- Is the project located in a resource area or buffer zone _____
- Resource Area Type(s): Pamet River Basin
- 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) construction of a screened in porch with roof on an existing deck. Any rain runoff will be on an already disturbed area

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: _____

All work to be done on existing disturbed areas

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: _____

Owners printed name and signature: Susan Collins



TOWN OF TRURO

Conservation Commission

24 Town Hall Road

P.O. Box 2030, Truro MA 02666

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

WAIVER

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

The ☐ Notice of Intent ☐ Abbreviated Notice of Intent ☒ Request for Determination of Applicability ☐ Amended Order of Conditions ☐ Abbreviated Notice of Resource Area Delineation was submitted on _____ (date) for work at 8 Mill Pond Rd. (address). I understand that the next meeting of the Conservation Commission is scheduled for _____ and that the Commission will open the public hearing on that date.

I am the: ☒ Applicant

____ Applicant's Representative

[Signature]
(signature)

10/11/24
(date)

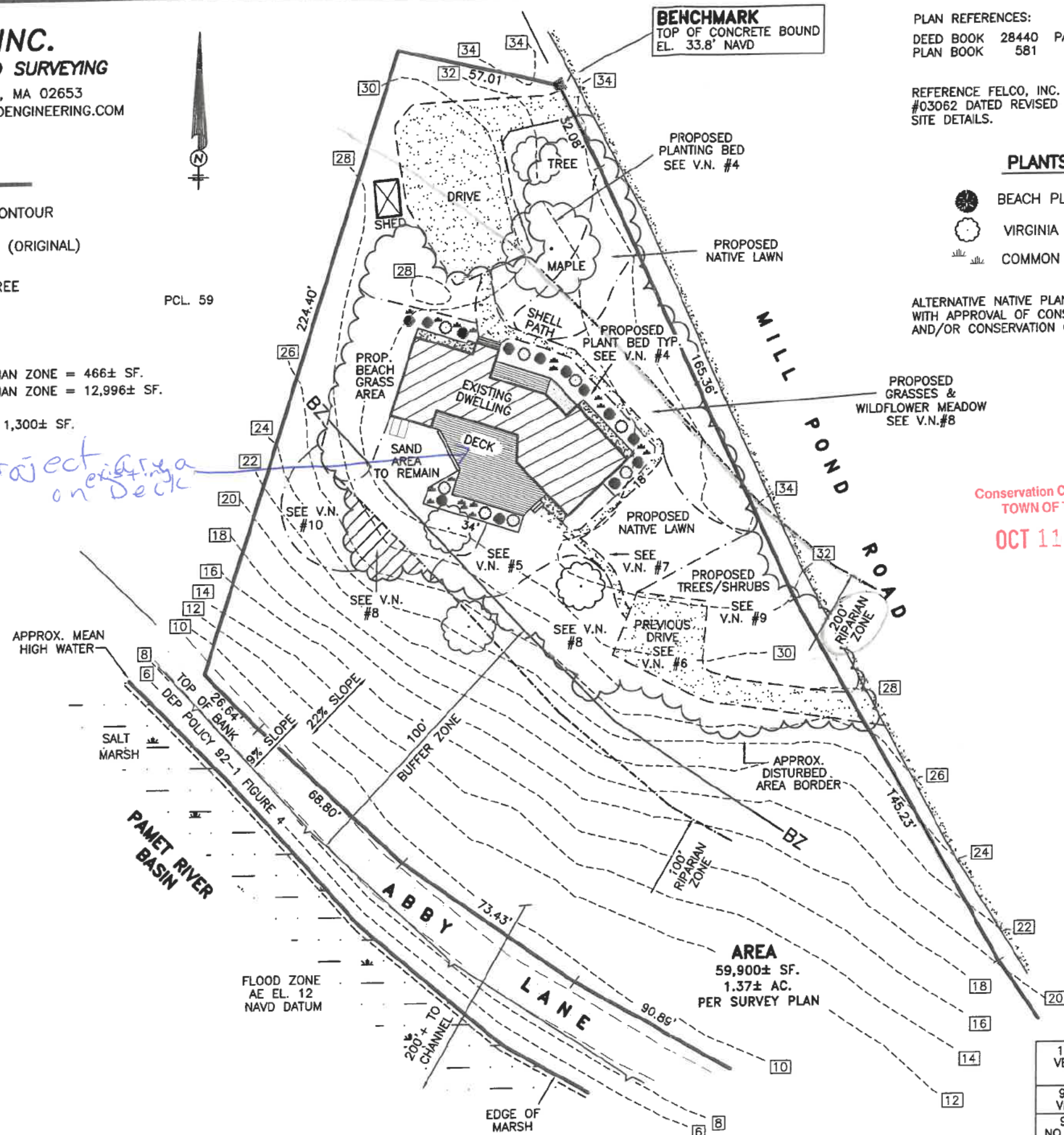
FELCO, INC.
ENGINEERING — LAND SURVEYING
P.O. BOX 1366 ORLEANS, MA 02653
(508) 255-8141 WWW.FELCOENGINEERING.COM

LEGEND

- EXISTING CONTOUR
- WKL— WORK LIMIT (ORIGINAL)
- EXISTING TREE
- CEDAR

DISTURBED AREA WITHIN 100' RIPARIAN ZONE = 466± SF.
DISTURBED AREA WITHIN 200' RIPARIAN ZONE = 12,996± SF.
PROPOSED PLANTING BED AREAS = 1,300± SF.

Project area on Deck



BENCHMARK
TOP OF CONCRETE BOUND
EL. 33.8' NAVD

PLAN REFERENCES:
DEED BOOK 28440 PAGE 206
PLAN BOOK 581 PAGE 2

REFERENCE FELCO, INC. SITE AND SEWAGE PLAN
#03062 DATED REVISED 5-12-2003 FOR FURTHER
SITE DETAILS.

PLANTS

- BEACH PLUM/BAYBERRY
- VIRGINIA ROSE
- COMMON JUNIPER

ALTERNATIVE NATIVE PLANTS CAN BE USED
WITH APPROVAL OF CONSERVATION COMMISSION
AND/OR CONSERVATION COMMISSION AGENT.

VEGETATION NOTES

1. "DISTURBED AREA" BORDER LABELED SHOWS THE APPROX. EXTENT OF BARE GROUND.
2. PROPOSED MITIGATION WILL BE TO REVEGETATE ALL DISTURBED AREAS. SEE HARROW & SEED REPORT.
3. DISTURBED AREA WITHIN 100' RIPARIAN ZONE TO BE STABILIZED IMMEDIATELY WITH NATIVE GRASSES, WILDFLOWER MIX AND SHRUBS.
4. PROVIDE PLANTING BEDS OF NATIVE PLANTS. SEE HARROW & SEED PLANT SPECIFICATION SHEET FOR SPECIES AND QUANTITIES.
5. AREA TO BE REVEGETATED WITH BEARBERRY AND LITTLE BLUESTEM.
6. RE-ESTABLISH PERVIOUS (SHELL) DRIVE WHERE NOTED AS A "PREVIOUS DRIVE".
7. PROVIDE 3' WIDE SHELL WALKWAY FOR ACCESS AROUND DWELLING AS SHOWN.
8. AREA TO BE REVEGETATED WITH NATIVE GRASS AND WILDFLOWER MIX.
9. AREA TO BE REVEGETATED WITH NATIVE SHRUBS AND TREES.
10. INVASIVE PLANT REMOVAL AND RESTORATION WITH NATIVE VEGETATION.
11. TEMPORARY ABOVE GROUND IRRIGATION SYSTEM TO BE UTILIZED FOR (3) GROWING SEASONS THEN REMOVED.

LANDSCAPE MITIGATION PLAN

LOCUS: **8 MILL POND ROAD**

TRURO, MA

PREPARED
FOR: **DENNIS TRACEY & MARCIA HAMELIN**

18 ECHO HILL ROAD

WESTON, CT 06883

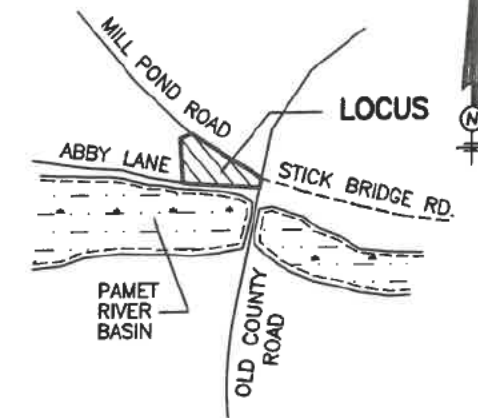
REFERENCE: ASSR'S MAP **54** PARCEL **60**

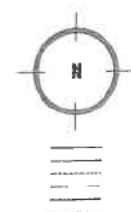
SCALE : 1" = 40'
SHEET No. 1 OF 1
DATE : 8-10-2017
JOB No. 17056

11-3-2017 VEG. NOTES/ LAYOUT
9-28-2017 VEG. NOTES
9-8-2017 NO IRRIG. LAWN (45) PLANTS SHELL PATH
REVISIONS

LOCUS

(NO SCALE)





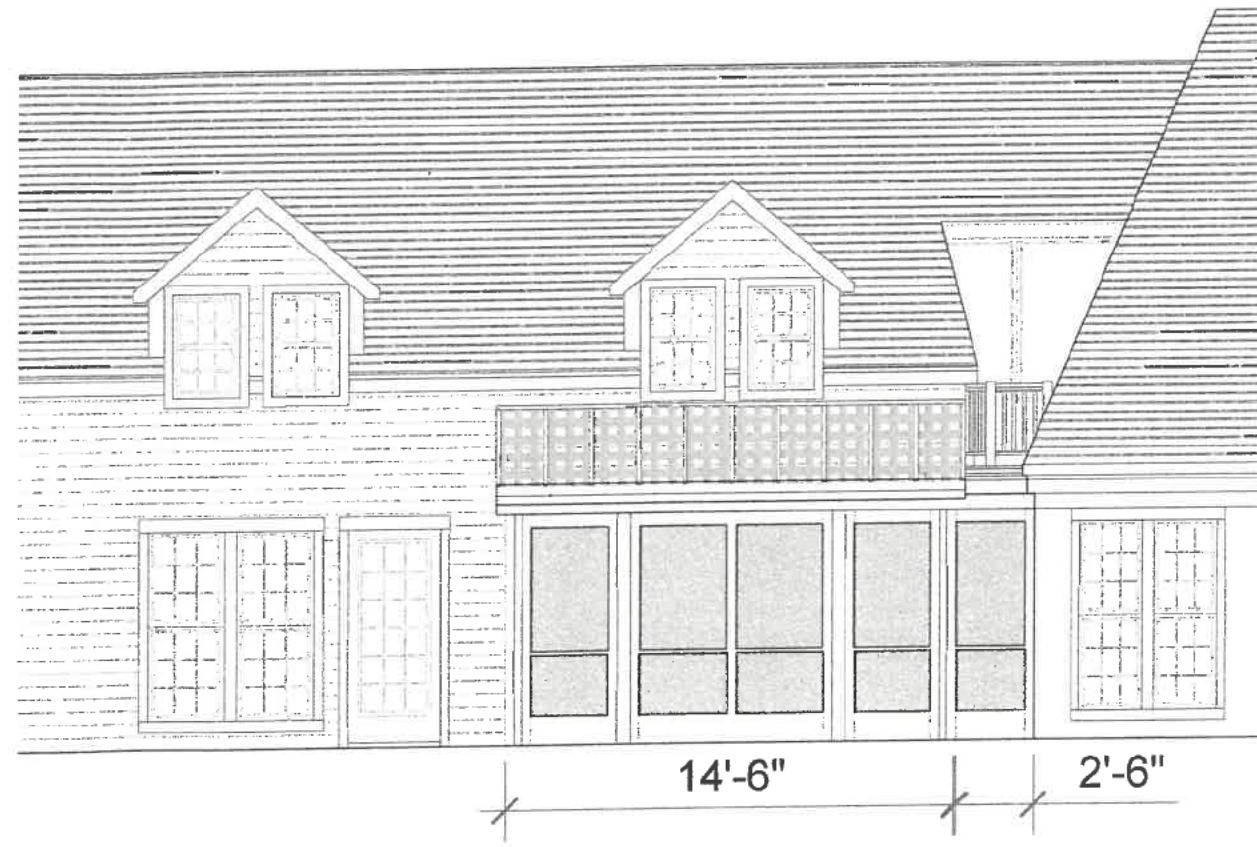
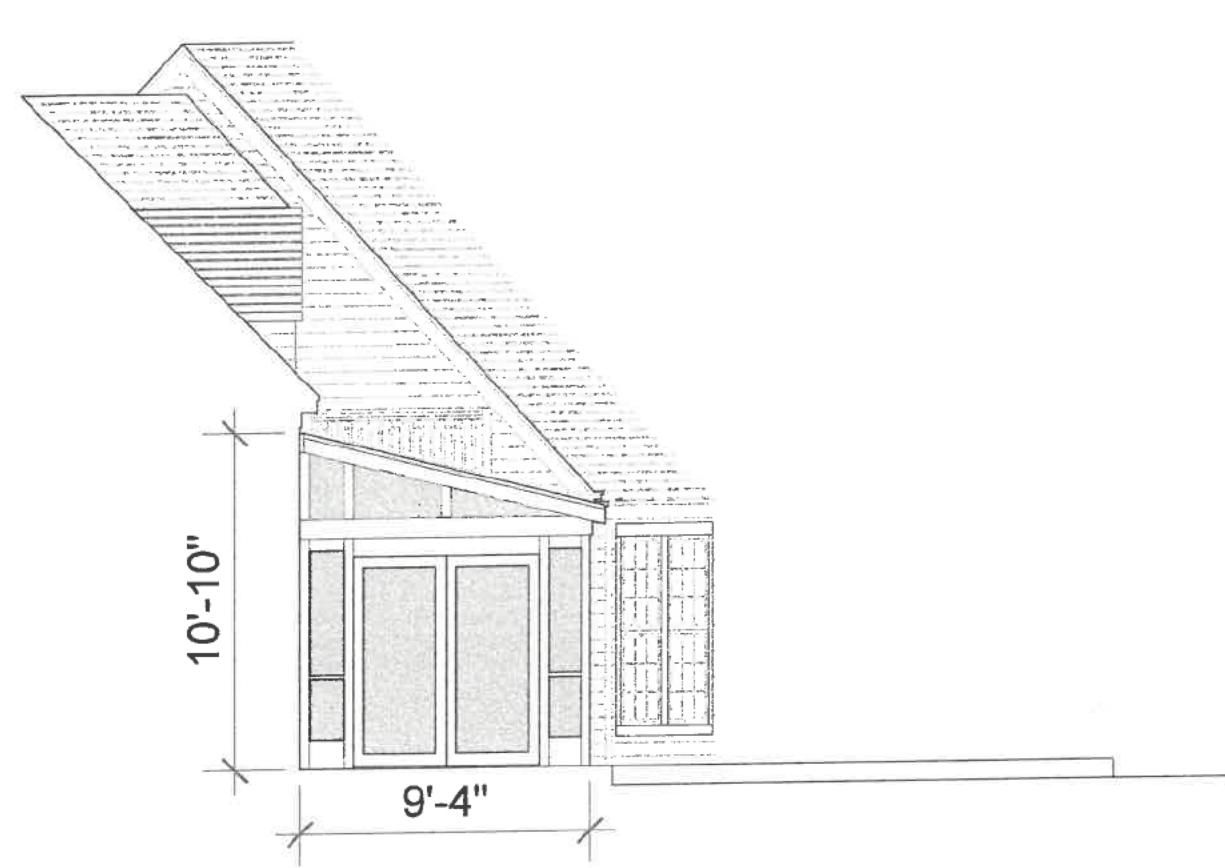
PROJECT:
COLLINS
8 MILL POND RD
TRURO MA 02653

SHEET TITLE:

PORCH PROPOSAL
ELEVATIONS

PAGE No: 02 OF 02

Conservation Commission
TOWN OF TRURO
OCT 11 2024



NOTES:

- UNCONDITIONED EXTERIOR PORCH ADDITION -
- STRUCTURE PROPOSED WITHIN EXISTING DECK AREA -
- DRAWINGS NOT FOR CONSTRUCTION PURPOSES -

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AND FINAL DESIGN SETS. NO WORK TO
BE REPRODUCED OR EXCHANGED WITHOUT
PERMISSION AND COMPENSATION.

SCALE: 3/16" = 1' 0"

DWG No: 8MPE002

DATE: 09.30.24



51 MILL HILL RD
WELLFLEET, MA 02667

PHONE: 508-439-2782
TCDRAFT@GMAIL.COM

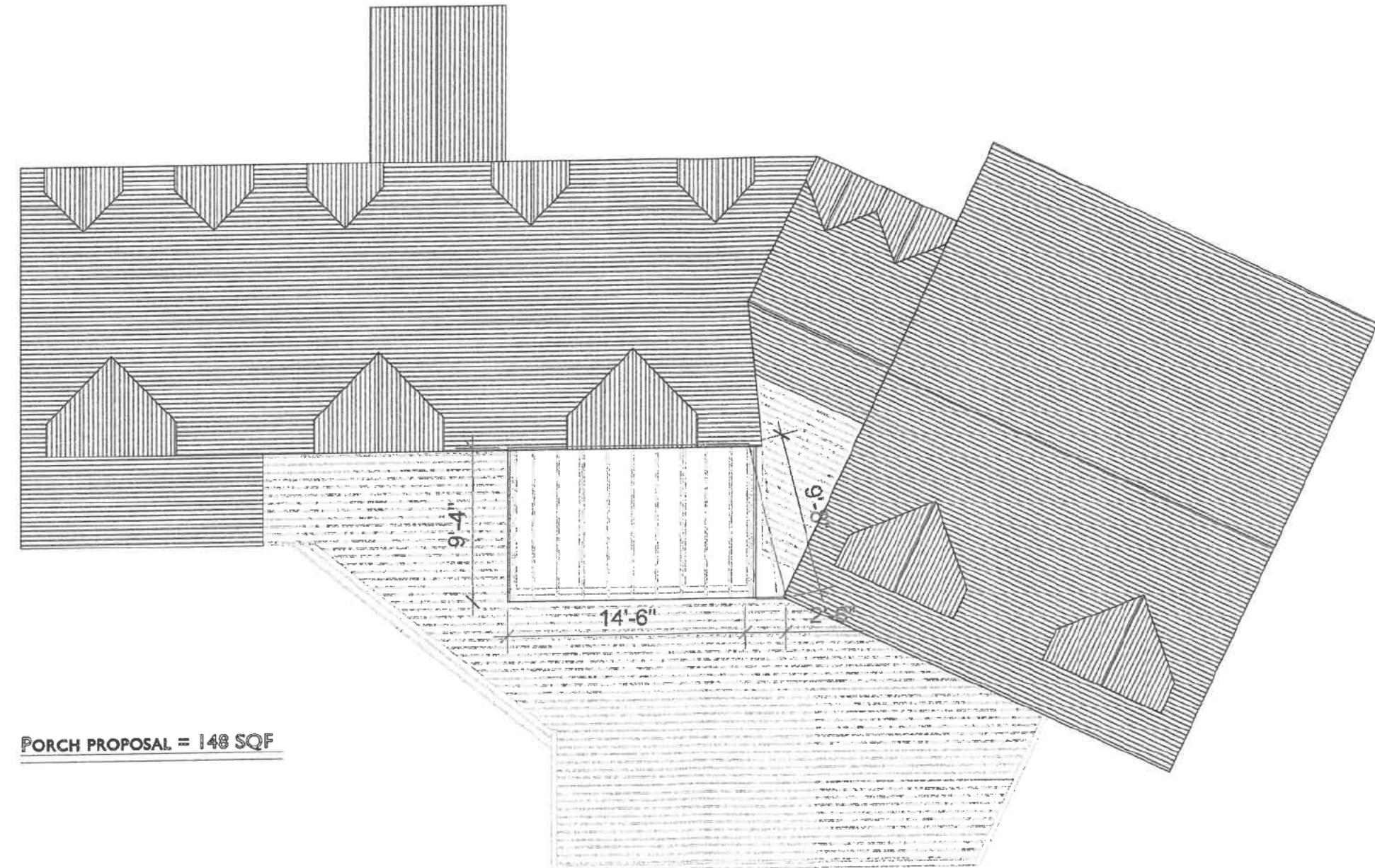


PROJECT:
COLLINS
8 MILL POND RD
TRURO MA 02653

SHEET TITLE:

PORCH PROPOSAL
ROOF ELEVATION

PAGE No: 01 OF 02



PORCH PROPOSAL = 148 SQF

NOTES:

- UNCONDITIONED EXTERIOR PORCH ADDITION -
- STRUCTURE PROPOSED WITHIN EXISTING DECK AREA -
- DRAWINGS NOT FOR CONSTRUCTION PURPOSES -

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AND FINAL DESIGN SETS. NO WORK TO
BE REPRODUCED OR EXCHANGED WITHOUT
PERMISSION AND COMPENSATION.

SCALE: 1/8" = 1' 0"

DWG No: 8MPE001

DATE: 09.30.24



51 MILL HILL RD
WELLFLEET, MA 02667

PHONE: 508-439-2782
TCEDRAFT@GMAIL.COM

PROJECT NARRATIVE

1. Introduction

This Notice of Intent (NOI) application has been submitted to permit the proposed shoreline stabilization project located at 556 Shore Road in North Truro (the site). The Town of Truro Assessors Department references the site as Parcel #6-6. The proposed project includes the installation of a sand drift fence (also called a "serpentine fence") with a coir log array located along the landward side of the fence at the boundary of a Coastal Beach and Coastal Dune and within Land Subject to Coastal Storm Flowage. This application is being submitted in accordance with the Massachusetts Wetlands Protection Act and the Town of Truro Wetlands Protection Bylaw.

2. Site Description

The site is located to the south of Shore Road along the narrow strip of Barrier Beach located between Pilgrim Lake to the north and Pilgrim Beach/Cape Cod Bay to the south. The site consists of two buildings, each with several residential living units, a shared parking area, decks to the rear, fencing, etc. The entire site is located within a mapped Barrier Beach system and Land Subject to Coastal Storm Flowage. A Coastal Beach extends from mean low water up to a Coastal Dune located immediately south of the two buildings. Environmental Consulting & Restoration, LLC (ECR) completed a site review on September 11, 2024 to review the existing conditions. Based on ECR's site visits and review of available environmental databases, ECR can confirm that the site contains the following wetland resource areas and areas of Conservation Commission jurisdiction:

- Barrier Beach
- Coastal Dune
- Coastal Beach
- 100-Foot Buffer Zone
- Land Subject to Coastal Storm Flowage (FEMA flood zone VE)

Notes:

1. The site is located within an area mapped as Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (MaNHESP).
2. The site does not contain or is near a Certified Vernal Pool according to the MaNHESP.
3. The site is not located within an Area of Critical Environmental Concern (ACEC).
4. The site is not located near a USGS mapped stream.

3. Proposed Activities

The purpose of this application is to authorize the installation of a drift fence and coir log array to protect the existing structure onsite and build up the Coastal Dune located onsite. The site has suffered significant erosion historically. The intent of the proposed coir log array is to provide protection to the existing structures onsite and mitigate the chances of a catastrophic failure. The sand drift fence is intended to build up the eroding Coastal Dune by collecting windblown sand. The proposed project will involve the following activities:

- Staking of Existing Utilities – Prior to the start of work, all existing underground utilities shall be staked in the field.
- Removal of the Existing Snow Fence – The existing snow fence (labeled as "Picket Fence" on the attached plan) located within the Coastal Beach shall be removed. All fencing shall be removed by hand and disposed of offsite. The fencing that is being used to demarcate the footpaths through the Coastal Dune is proposed to remain to ensure foot traffic remains along the designated paths and does not extend into the vegetated portions of the Dune.
- Installation of Coir Logs – The proposed coir log array includes a three-tier pyramid of 20-inch diameter coir logs that will span across the site (east to west) approximately 270 linear feet. The design includes installing the bottom tier of coir logs below the existing grade and the remaining two

rows above the existing grade. The logs will be installed with three logs on the bottom, two logs stacked in the middle of the pyramid and one log stacked on top. A combination of mechanical excavation utilizing a small excavator and hand digging will occur to trench in the one row below grade. The two rows above grade will be placed and backfilled with the excavated sand. The coir logs will be secured in place using interlocking galvanized cables with 4-foot duckbill anchors. The logs will then be covered with 6 – 8 inches of clean, compatible sand and planted with American Beachgrass. The backside of the pyramid will be filled with the compatible sand to cover the logs and create a gradual slope of 4:1 from the top of the pyramid back to the existing grade. The bare root beachgrass shall be hand planted from the toe of the array up to the top and spaced 12-inches on center with two culms per hole. For more information, please refer to the Proposed Conditions Plan.

- Installation of the Sand Drift Fence – Drift fencing shall be installed in accordance with the Truro Conservation Regulations, specifically Section 7.05. Drift fencing shall consist of ten-foot timber posts dug six feet into the sand at grade at the time of installation, connected by 6-foot spans of fencing comprised of 2x4 spans and 2x3 slats. Space between slats is a minimum of 3". Fence posts are installed alternating 2' on either side of a center line so that a "zig-zag" or serpentine structure results. The minor difference in the proposed design is the 4x4 inch slats that are proposed with 4" of spacing between – the intent being that 4x4 inch slats are more resilient to storm damage than the 2x3 slats. The fencing will be left open at two of the existing three access points to allow for beach access (the eastern-most access point is proposed to be restored to a vegetated Dune following the stabilization activities below. At the two beach access points, wooden stairways are proposed to traverse safely over the coir log pyramid to the beach below. Following the requirements of the special conditions outlined in the Truro wetland regulations the wood shall not include any CCA treated lumber. The stairway shall be supported by timber posts and constructed to be a maximum of 4 feet wide with a handrail (ECR expects that 5-6 steps will be required to safely traverse over the coir log pyramid).
- Stabilization Activities - All disturbed areas associated with the proposed installation will be restored and stabilized. Any areas of disturbed vegetation will be restored with bare root American Beachgrass plantings, spaced 12-inches on center with two culms per hole. Beachgrass will also be planted along the array as noted above and will include the eastern-most access pathway that is to be abandon (see plan for location). The existing picnic table located within the abandoned access way shall be relocated landward. Additional beachgrass could be interplanted on the landward side of the fence and array to fill in areas of the unvegetated Coastal Dune as necessary.

4. Regulatory Compliance

Compliance with Massachusetts Wetlands Protection Regulations (310 CMR 10.00)

The following sections analyze the proposed project against the relevant performance standards for Coastal Beach and Coastal Dune on a Barrier Beach. For Coastal Beach, only standard (3) applies to this activity since standard (4) applies to solid fill structures like groins and jetties, standard (5) applies to beach nourishment which is not being proposed, standard (6) refers to activities in Tidal Flats and standard (7) addresses rare species habitat. For Coastal Dune, standard (4) would not apply since it addresses accessory projects related to existing buildings and standard (6) would not apply since it addresses rare species habitat. There are no performance standards for Land Subject to Coastal Storm Flowage. Below, the performance standards are shown in italics to include an analysis of how the proposed project meets those specific standards, directly following not italicized.

310 CMR 10.27 Coastal Beach means unconsolidated sediment subject to wave, tidal and coastal storm action which forms the gently sloping shore of a body of salt water and includes tidal flats. Coastal beaches extend from the mean low water line landward to the dune line, coastal bankline or the seaward edge of existing human-made structures, when these structures replace one of the above lines, whichever is closest to the ocean.

WHEN A COASTAL BEACH IS DETERMINED TO BE SIGNIFICANT TO STORM DAMAGE PREVENTION, FLOOD CONTROL, OR PROTECTION OF WILDLIFE HABITAT, 310 CMR 10.27(3) THROUGH (7) SHALL APPLY:

(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.

Installation of the coir logs will involve some excavation along the beach/dune boundary but the sand will be reused to cover the logs and beachgrass will be handplanted on top of the array to provide additional stabilization and improve sand collection. This construction process will not decrease the volume or change the form of the beach. The coir logs are intended to stabilize the beach/dune boundary and they will not increase erosion of the beach or an adjacent or downdrift coastal beach.

310 CMR 10.28 Coastal Dune means any natural hill, mound or ridge of sediment landward of a coastal beach deposited by wind action or storm overwash. Coastal dune also means sediment deposited by artificial means and serving the purpose of storm damage prevention or flood control.

WHEN A COASTAL DUNE IS DETERMINED TO BE SIGNIFICANT TO STORM DAMAGE PREVENTION, FLOOD CONTROL OR THE PROTECTION OF WILDLIFE HABITAT, 310 10.28(3) THROUGH (6) SHALL APPLY:

(3) Any alteration of, or structure on, a coastal dune or within 100 feet of a coastal dune shall not have an adverse effect on the coastal dune by(a) affecting the ability of waves to remove sand from the dune;

- (a) affecting the ability of waves to remove sand from the dune;*
- (b) disturbing the vegetative cover so as to destabilize the dune;*
- (c) causing any modification of the dune form that would increase the potential for storm or flood damage;*
- (d) interfering with the landward or lateral movement of the dune;*
- (e) causing removal of sand from the dune artificially; or*
- (f) interfering with mapped or otherwise identified bird nesting habitat.*

Waves will have the ability to remove sand from the covered logs at any time. The coir installation will only temporarily disturb the existing vegetative cover, but not permanently destabilize the dune since replanting beachgrass in disturbed areas is proposed. While the logs are designed to stabilize the beach/dune boundary and protect the underground utilities and onsite structures, overwash and wind transport of sand will continue to occur and, thus, will not interfere with the landward or lateral movement of the dune. All sand altered by the log installation will remain in the dune or beach. There is no sand to be artificially removed.

(5): The following projects may be permitted, provided that they adhere to the provisions of 310 CMR 10.28(3):

- (a) pedestrian walkways, designed to minimize the disturbance to the vegetative cover and traditional bird nesting habitat;*
- (b) fencing and other devices designed to increase dune development; and*
- (c) plantings compatible with the natural vegetative cover.*

Subsections (b) and (c) specifically apply to this project. The buried or covered logs are designed to allow for overwash and windblown sand that will increase dune development. Excessively high tides and storms have eroded the seaward face of the dunes minimizing the ability for the dune to trap and hold sand. This project may be permitted, provided that they adhere to the provisions of 310 CMR 10.28(3), as discussed above.

310 CMR 10.29 Barrier Beach means a narrow low-lying strip of land generally consisting of coastal beaches and coastal dunes extending roughly parallel to the trend of the coast. It is separated from the mainland by a narrow body of fresh, brackish or saline water or a marsh system. A barrier beach may be joined to the mainland at one or both ends.

(3) When a Barrier Beach Is Determined to Be Significant to Storm Damage Prevention, Flood Control, Marine Fisheries or Protection of Wildlife Habitat. 310 CMR 10.27(3) through (6) (coastal

beaches) and 10.28(3) through (5) (coastal dunes) shall apply to the coastal beaches and to all coastal dunes which make up a barrier beach.

Compliance with the performance standards 10.27(3) (coastal beaches) and 10.28(3) through (5) (coastal dunes) are discussed above.

Compliance with Truro Conservation Regulations (Section II, Chapters 1.0 – 7.0)

The following sections analyze the proposed project against the relevant performance standards for Land Subject to Coastal Storm Flowage (LSCSF). For LSCSF, standards in Chapter 2.05 (c) apply to the proposed activity. Below, the performance standards are shown in italics to include an analysis of how the proposed project meets those specific standards, directly following not italicized.

Chapter 2.05 (c) Land Subject to Coastal Storm Flowage in the definition states LSCSF: the *abbreviation for land subject to coastal storm flowage. Also described as “Land subject to flooding” and the “flood plain”. LSCSF is a resource area without a buffer zone and correlates with the mapped flood plain defined by FEMA mapping... Flood zones are geographic areas that FEMA has defined according to levels of flood risk...VE is where the flood elevation includes wave heights equal to or greater than 3 feet...*

Presumption of Significance: *Where a proposed activity involves work within LSCSF, the Conservation Commission shall presume that such an area is significant to the interests and values of the Bylaw...*

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

- i. Reduce the ability of the resource to absorb and contain flood waters;*
- ii. Reduce 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 on land within the flood plain (collateral damage); built structures such as stairs or walkways shall be seasonally removable;*
- 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;*
- vii. Any activity proposed in the floodplain may require mitigation to enhance or restore natural functions of the floodplain.*

The buried and covered coir logs will allow flood waters to pass over them and, therefore will not reduce the ability of the Coastal Beach (beach) and Coastal Dune (dune) to absorb contain such waters. The beach and dune will continue to buffer more inland areas from flooding and wave damage because of the low height of the logs. The more sand that the dune can trap will actually increase the buffer capacity of the dune. The biodegradable logs will not act like a solid fill structure which may displace or divert flood waters to other areas. Flood waters in this Zone VE (el. 15) will continue to move landward. The proposed anchoring system with the coir log array will be durable and long lasting so that the likelihood for collateral damage is not caused or created by the project. No pollutants are proposed with the activity. No vegetative cover will be permanently removed since beachgrass will be planted to restore disturbed areas.

To comply with Section 7.05(11) of the By-Law regulations, the project will include dune nourishment consisting of clean, medium to coarse sand obtained from an inland source. For the initial construction, 250 cubic yards is estimated for placement over the coir log array and the backside of the array to build up the existing Dune. For the following years, the amount of nourishment provided will be a function of the amount removed during storms.

5. Summary

The proposed shoreline protection project includes the installation of a sand drift fence and three rows of 20-inch diameter coir logs to provide protection to the existing structures on site. The intent of the project is to mitigate the chances of a future catastrophic failure of the existing structures from coastal erosion. Once installed, all disturbed areas will be restored and stabilized upon the completion of work. Stockpiling of materials will be located beyond as far landward as practically possible within an area void of vegetation. Access to the work area shall utilize the existing gravel driveway and existing pathways between the residential structures. Upon completion of work, the applicant shall submit a request for a Certificate of Compliance to the Truro Conservation Commission to close out the anticipated Order of Conditions.

SITE PHOTOGRAPHS



Photograph #1 – View northwest along the Coastal Dune and Coastal Beach intersection where the serpentine fence and coir log array are proposed.



Photograph #2 – View southeast along the Coastal Dune and Coastal Beach intersection where the serpentine fence and coir log array are proposed.



Photograph #3 – View northwest along the Coastal Dune and Coastal Beach intersection where the serpentine fence and coir log array are proposed.



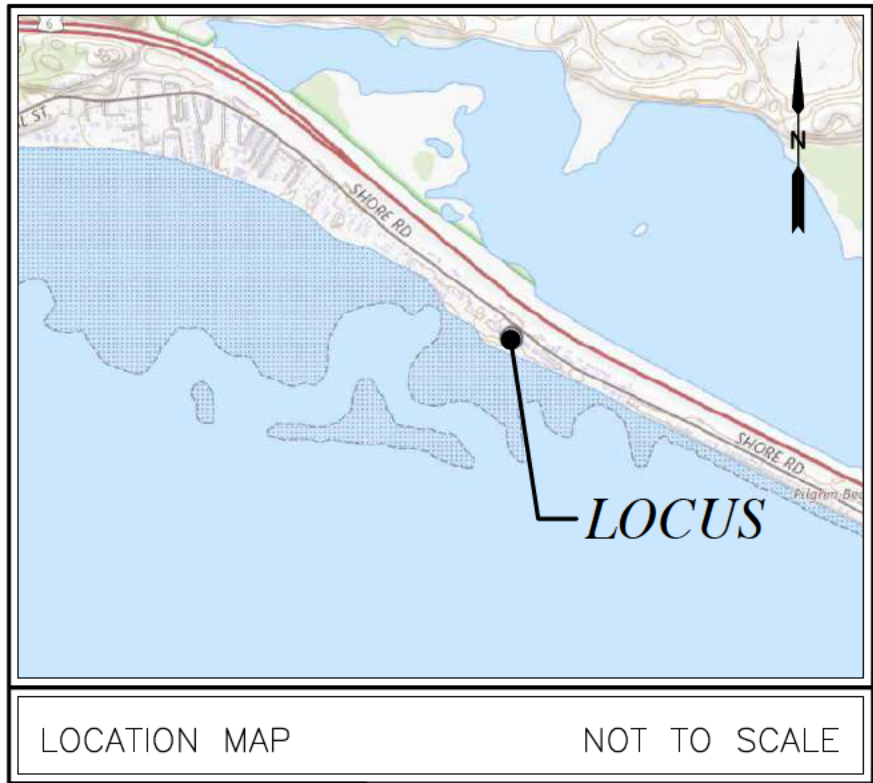
Photograph #4 – View southeast along the Coastal Dune and Coastal Beach intersection near the southeastern limit of the site.



Photograph #5 – View from the northwest limit of the site. In the foreground, an approved serpentine fence can be seen on the abutting property – the same design as proposed at 556 Shore Road.



Photograph #6 – View to southeast across the existing vegetated Dune onsite.



RECORD OWNER:

PARCEL ID 006-006-000
556 SHORE ROAD

THE SHORELINE BEACH CONDOMINIUM TRUST
COAST GUARD ROAD
NORTH TRURO, MA
DEED BOOK 27290 PAGE 106
LOT 5 - PLAN BOOK 649 PAGE 5

NOTES:

- PLAN REFERENCES:
 - PLAN BOOK 649 , PAGE 5.
- TOPOGRAPHIC AND DETAIL INFORMATION SHOWN HEREON IS BASED UPON AN ON THE GROUND SURVEY PERFORMED BY MERRILL ENGINEERS AND LAND SURVEYORS DURING AUGUST OF 2024.
- ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- WETLAND RESOURCE AREAS SHOWN ON THIS PLAN WERE REVIEWED BY ENVIRONMENTAL CONSULTING AND RESTORATION, LLC DURING AUGUST OF 2024 AND FIELD LOCATED BY MERRILL ENGINEERS AND LAND SURVEYORS.
- SUBJECT SITE IS IN THE "BEACH POINT LIMITED BUSINESS DISTRICT" DISTRICT AS DEPICTED ON THE TOWN OF TRURO ZONING MAP.
- EXISTING UTILITIES, WHERE SHOWN, HAVE BEEN COMPILED BASED ON OBSERVED ABOVE GROUND EVIDENCE AND AVAILABLE RECORD PLANS AND ARE TO BE CONSIDERED APPROXIMATE. MERRILL ENGINEERS AND LAND SURVEYORS DOES NOT GUARANTEE THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN OR THAT ALL EXISTING UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN.

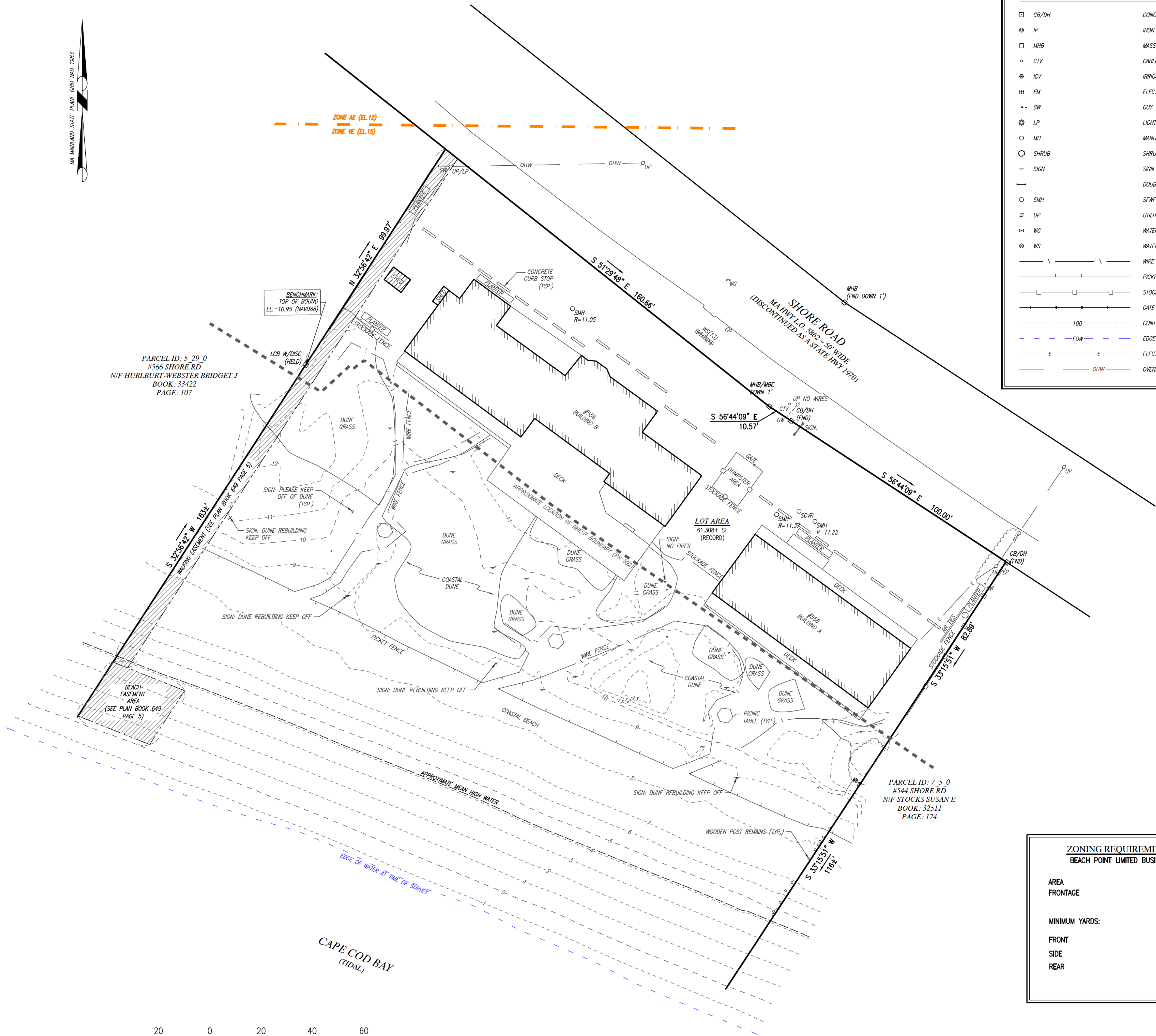
FLOOD NOTE:

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE VE (EL 15) OF THE FLOOD INSURANCE RATE MAP, AS SHOWN ON COMMUNITY MAP No. 25001C0117J, WHICH BEARS AN EFFECTIVE DATE OF JULY 16, 2014, AND IS IN A SPECIAL FLOOD HAZARD AREA.

ENVIRONMENTAL NOTES:

- SITE IS NOT WITHIN AN A.C.E.C. (AREA OF CRITICAL ENVIRONMENTAL CONCERN).
- SITE IS PARTIALLY WITHIN AN AREA OF ESTIMATED HABITAT OF RARE WILDLIFE PER NHESP MAP "ESTIMATED HABITATS OF RARE WILDLIFE" FOR USE WITH THE MA WETLANDS PROTECTION ACT REGULATIONS (310 CMR 10).
- SITE DOES NOT CONTAIN A CERTIFIED VERNAL POOL PER NHESP MAP "CERTIFIED VERNAL POOLS."
- SITE IS PARTIALLY WITHIN A PRIORITY HABITAT PER NHESP MAP "PRIORITY HABITATS OF RARE SPECIES" FOR SPECIES UNDER THE MASSACHUSETTS ENDANGERED SPECIES ACT, REGULATIONS (321 CMR10).
- SITE IS NOT LOCATED WITHIN A STATE APPROVED ZONE II GROUND WATER RECHARGE PROTECTION AREA.

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NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, WITHOUT THE EXPRESS WRITTEN CONSENT OF MERRILL CORPORATION WITH THE EXCEPTION OF ANY REGULATORY AUTHORITY WHICH MAY REPRODUCE IT IN CONJUNCTION WITH THE PERFORMANCE OF OFFICIAL BUSINESS UNDER ITS JURISDICTION. ANY MODIFICATIONS MADE TO THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF MERRILL CORPORATION SHALL RENDER IT UNUSABLE.



ZONING REQUIREMENTS BEACH POINT LIMITED BUSINESS

AREA 33,750 SF
FRONTAGE 150 FEET

MINIMUM YARDS:

FRONT 25 FEET
SIDE 25 FEET
REAR 25 FEET

merrillinc.com

REVISIONS:

DRAWN BY:

DWT

DESIGNED BY:

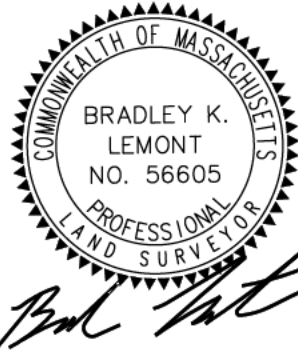
CHECKED BY:

BL

SCALE:

1" = 20'

STAMP:



Merrill
Engineers and Land Surveyors

427 Columbia Road
Hanover, MA 02339
781-826-9200

362 Court Street
Plymouth, MA 02360
508-746-6060

Marine Division:
26 Union Street
Plymouth, MA 02360
508-746-6060

448 N. Falmouth Hwy, Unit A
North Falmouth, MA 02556
508-563-2183

PROJECT

24-348

PROJECT:

**PLOT
PLAN**

556 SHORE ROAD
PARCEL ID 006-006-000
TRURO MASSACHUSETTS

CLIENT:

MARIAM PHILIPP
SHORELINE BEACH CONDOMINIUM
C/O STAN HUMPHRIES COASTAL GEOLOGIST
556 SHORE ROAD
NORTH TRURO, MA 02652

DRAWING PATH:

H:\24-348\SURVEY\DWG\24-348 SV.DWG

DATE:

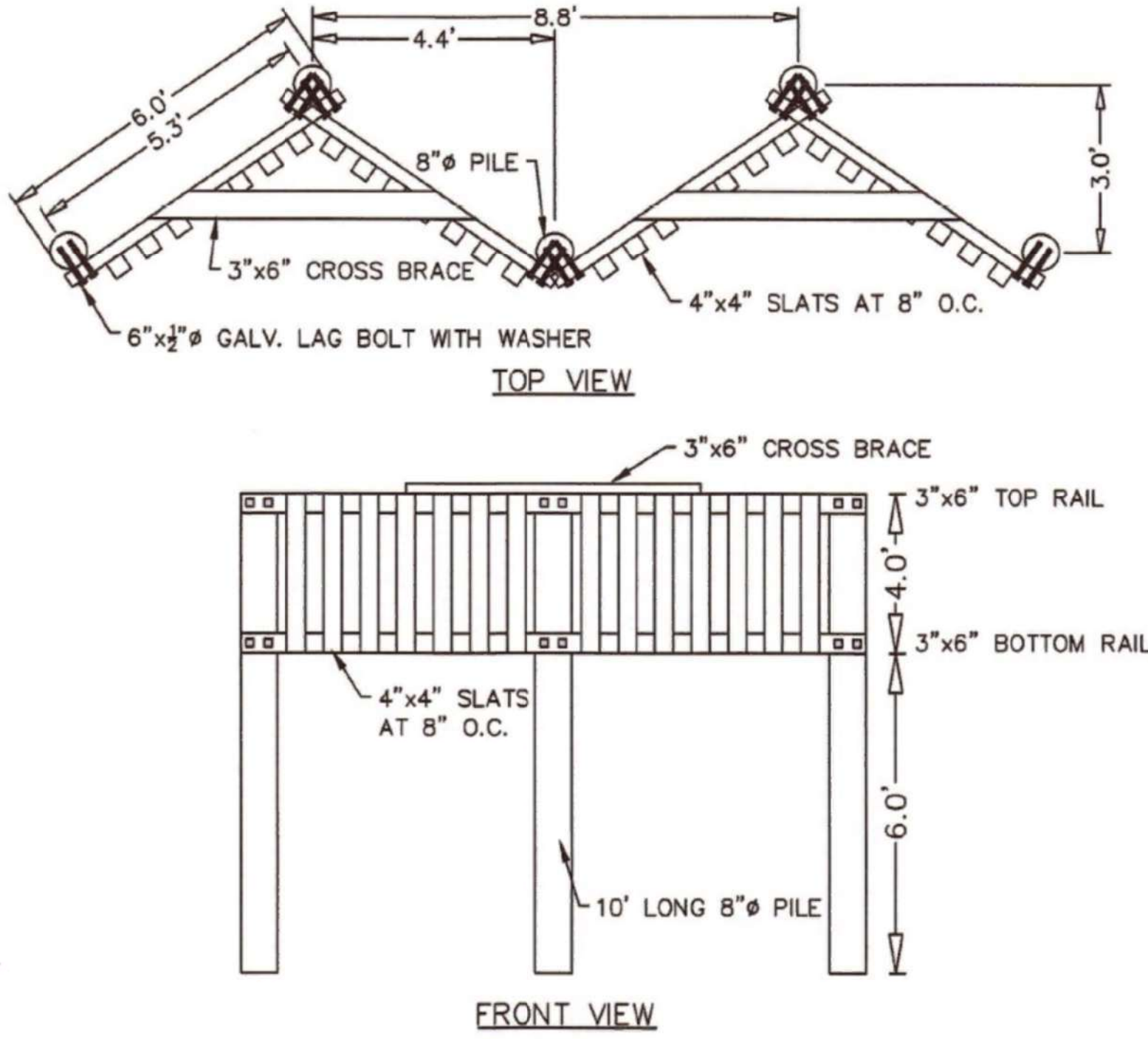
SEPTEMBER 20, 2024

**PLAN OF EXISTING
CONDITIONS**

SHEET 1 of 1

© Merrill Corporation

SAND DRIFT FENCE DETAIL:



NOT TO SCALE

ADDITIONAL DUNE NOURISHMENT TO EXTEND APPROX. 15 FEET LANDWARD OF THE COIR ARRAY AT A SLOPE OF 4:1 WITH BEACHGRASS PLANTINGS & BEACH PLUM SHRUBS (OUTLINED IN GREEN).

TOTAL PLANTING AREA APPROX. 3,420 SQ. FT.

PROPOSED BEACH PLUM SHRUB

PROPOSED WOODEN STAIRWAY OVER THE COIR LOG PYRAMID TO MAINTAIN BEACH ACCESS

PROPOSED SAND DRIFT FENCE

PROPOSED WOODEN STAIRWAY OVER THE COIR LOG PYRAMID TO MAINTAIN BEACH ACCESS

EXISTING ACCESS TO BE RESTORED WITH NOURISHMENT & PLANTINGS

PROPOSED COIR LOG PYRAMID WITH SAND NOURISHMENT AND BEACHGRASS PLANTINGS

PROPOSED CONDITIONS PLAN

556 SHORE ROAD, TRURO

DATE: October 2, 2024

SHEET: 1 OF 1

Prepared By: Environmental Consulting & Restoration, LLC

NOTE:
1.) PROPOSED CONDITIONS OVERLAID BY ECR, LLC ONTO THE PLAN TITLED: EXISTING CONDITIONS PLAN, PREPARED BY MERRILL ENGINEERS & LAND SURVEYORS, DATED: SEPTEMBER 20, 2024.
2.) PROPOSED CONDITIONS PREPARED BY ENVIRONMENTAL CONSULTING & RESTORATION, LLC.

PRIMARY FRONTAL DUNE RESTORATION & COIR LOG DETAIL:

100 YR. FLOOD - VE EL. 15

20" DIAM. COIR LOGS PYRAMID

W/6"-8" SAND COVER & BEACHGRASS

GRADE

EL. 8
INTERLOCKING GALVANIZED CABLE (TYP.)

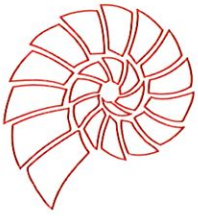
4' DUCKBILL ANCHORS

INITIAL VOLUME FOR DUNE NOURISHMENT = 250 C.Y.
VOLUME LOSS TO STORM WILL BE CALCULATED FOR MANAGEMENT OF THE AREA.

NOT TO SCALE

EL. 12 - 13

DUNE NOURISHMENT 4:1 SLOPE FROM TOP OF COIR LOGS TO EXISTING GRADE



J.M. O'REILLY & ASSOCIATES, INC.

PROFESSIONAL ENGINEERING, LAND SURVEYING & ENVIRONMENTAL SERVICES

Site Development • Property Line • Subdivision • Sanitary • Land Court • Environmental Permitting

October 15, 2024

JMO # 9614

Truro Conservation Commission
24 Town Hall Road
Truro, MA 02666

RE: **Notice of Intent – Elevated Stairway Repair**
5 Knowles Heights Road, Truro MA
Assessor's Map 23, Parcel 1

Dear Members,

On behalf of the Applicants, Alina Roytberg and Lev Glazman, J.M. O'REILLY & ASSOCIATES, INC. is submitting the enclosed Notice of Intent, Proposed Site Plan for Repairs of Stairs, Site Photos and other associated paperwork for the proposed repairs and improvements to the existing elevated stairway serving the above referenced property.

Wetland Resources:

The property is adjacent to Cape Cod Bay and includes a Coastal Beach, Coastal Dune, Coastal Bank and Land Subject to Coastal Storm Flowage. THE 50 AND 100-FOOT Buffer Zones have been established, per the MA DEP Policy 92-1, at the break in slope at the top of the Coastal Bank. Please refer to the Site Plan for the locations of the resources and the Buffer Zones.

The project does take place within the actual resources. The project will require a variance from the Town of Truro Wetland Protections By-Law.

Narrative:

The Applicants enjoy an access easement with the owners of 7 Knowles Heights Road (Judith Bettua Trust) along their common property line, down to the Bay. The stairway and landings need repairs and additional support. The project proposes to install a total of 12 helical anchors for the stairway sections of the structure.

The anchors will improve the support of the stairway sections which in turn will provide less of a load on the existing landings. In conjunction with the additional anchors, the project proposes to replace any timber members that have reached their useful life, either due to rot or wear and

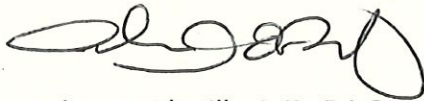
tear. Straw wattles will be used in the areas of the anchors to mitigate the potential washout and allow for the area to be restored with American Beach Grass.

The lowest landing will be repaired to shift the stairway away from the vegetated dune resource and to allow for the installation of new steps from the landing to the sandy pathway. The existing steps will be removed, and the area planted with beach grass. The new steps will take advantage of the existing sand pathway for access to the beach area.

The work is taking place with the wetland resources and as such will require a variance for the work to occur. The stairway is existing and needs repair. The owners do not want to reposition the stairway or create any change in the layout of the stairway. As such we have proposed to repair the structure in place. The work will not have an adverse impact on the Coastal Bank or Dune resources.

A representative will be present at your virtual public hearing on November 4, 2024 so as to discuss and review the matter in greater detail. Please contact my office directly if you have any questions or need any additional information.

Very truly yours,
J.M. O'REILLY & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'John M. O'Reilly', with a stylized flourish at the end.

John M. O'Reilly, P.E., P.L.S.
Principal

CC: Applicant
MA DEP (SERO)



View of Existing Catwalk towards the two dwellings; View from top of stairs.



View of Stairway



View down the Existing Stairway & Landings



View from First Landing



View of Framing for First Landing



Existing Treads



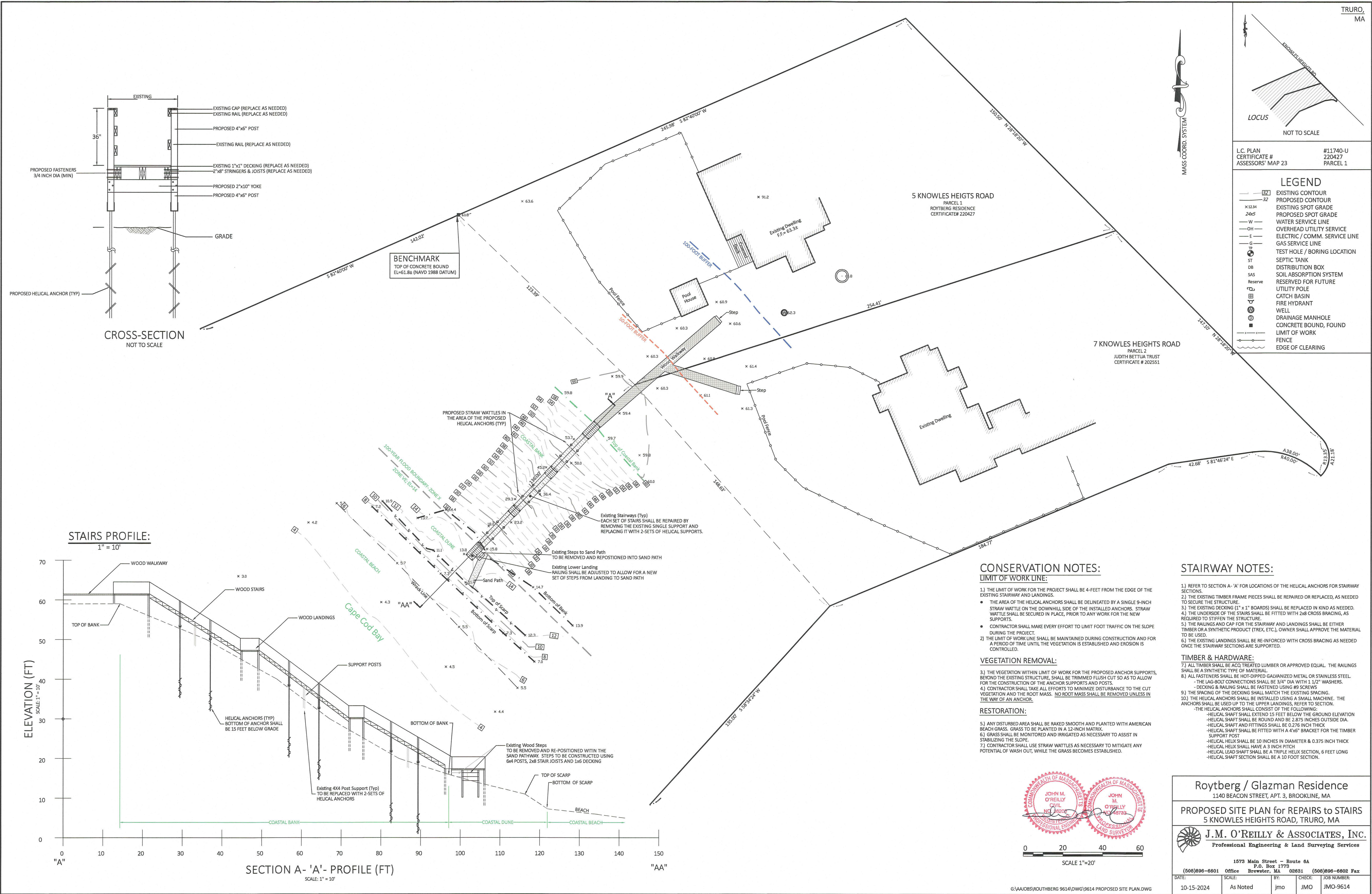
View up Stairs from Beach



Existing Lower Landing



Lower Landing



October 28th, 2024

Truro Conservation Commission
Attn: Emily Beebe, Health & Conservation Agent
24 Town Hall Road
Truro, MA 02666

Re: Notice of Intent Application

Project Location: 17 Avocet Road, Truro, MA

To the Members and Staff of the Truro Conservation Commission:

Attached are revised materials in support of the Notice of Intent for 17 Avocet Road. These materials seek to address questions and concerns raised at the hearing on October 7, 2024. Key points are as follows:

- Gathered field data to determine the existing fiber roll array on neighboring properties is set with the top of the array at approximately elevation 11.4 +/- and the bottom of the array is at approximately 5.7 +/-.
- Existing array was set to stagger the rows by approximately 1/3 roll, which is typical so that vertical joints between rolls do not align.
- Field data determined the top of existing pilings are at approximately elevation 6.5 +/- . The proposed sturdy drift fence maintains pilings at the same elevation as existing.
- Five rows of coir logs would meet and be connected to the existing rows on both of the neighboring properties. (All such connections would occur on the Applicants' side of the property line.)
- Three rows of coir logs would be installed above this array to provide protection up to the 100-year flood elevation (Elevation 15). These three rows would be set back at least 25 feet from the property line.
- Three rows of coir logs would be installed below the array and would extend close to the property line to provide stability and protection in the event of toe scour from a major storm.
- The sturdy drift fence would be installed with a setback of at least 25 feet from the property line on both sides.
- The plan for the beach stairs has been revised such that the landing with benches to rest at the midpoint will be similar to what currently exists. The overall footprint of the new staircase is considerably smaller than the existing stairs.
- There have been no modifications to the proposed rinse station.
- The Proposed Bank Stabilization and Staircase Plan by Merrill has not been changed but will be revised accordingly once all comments and revisions have been completed.

At the hearing, members of the Commission asked if this project conforms with applicable Truro regulations – particularly the “Model Order” in Appendix D. The Applicants believe the proposed plan is in keeping with the key elements of the Model Order, while also taking into account more recent Orders of Conditions issued by the Conservation Commission as well as best practices in erosion control, which continue to evolve. Specifically:

- This project calls for the use of 20-inch high density coir fiber rolls rather than the “sand-filled tubes” in the Model Order. The Commission has approved the use of coir fiber rolls instead of these tubes in other nearby projects, including at 2 Heron Lane earlier in 2024.
- The Model Order states that “Four tubes are allowed, ***as long as the top tube does not exceed the 100 year flood elevation.***” (Emphasis added.) The Commission has approved the installation of more than four rows of coir rolls in multiple locations in recent years. The top row of coir rolls in this proposed project does not exceed the 100 year flood elevation.
- The Model Order states that “The first tube shall be buried a maximum of 1/3 of its total height in the beach at the elevation shown on the plan **in order to provide a stable foundation for the other tubes.**” (Emphasis added.) This proposed project calls for three rows of coir logs to be installed below the five adjoining rows. Those rows will be buried in the beach to provide stability and protection in the event of a major storm causing significant toe scour.
- The Model Order states that “The tubes shall be stepped against the bank to reflect the slope of the bank.” The proposed coir rows would also be stepped against the bank to reflect the slope of the bank.
- The Model Order states that “The tubes shall be stepped and tapered to meet the coastal bank gradually 25’ from abutters who do not have tubes.” The proposed plan provides for the three rows above the adjoining arrays to be stepped and tapered, with a setback of at least 25 feet.
- Instead of helical anchors as provided in the Model Order, the proposed plan will use duckbill anchors which matches the existing anchoring system.
- Nourishment would occur up to Elevation 10 creating a more gentle slope than 3:1. Nourishment would be performed once annually as needed in the Spring.
- The proposed plan calls for wrapping the array with one layer of burlap or jute fabric inside one layer of coir matting – which provides some UV protection in addition to sand nourishment.
- The bimonthly reporting requirement in item “f” of the Model Order has proven to be an administrative and financial burden to homeowners, with minimal apparent benefit to the Commission or the community. Applicants are instead requesting authorization to provide annual monitoring reports to the Commission for a period of three years.

The Applicants are separately submitting photographs of their current coir array that were taken when the coir rolls were fully exposed in the winter and early spring of 2024. These photos illustrate that the current array is in significant disrepair and should be replaced as soon as possible. (At the recent site visit by members of the Commission, some of this damage was hidden by nourishment sand, as well as by sand that was brought onto the beach by the tide, which has covered portions of the bottom of the array since the summer.)

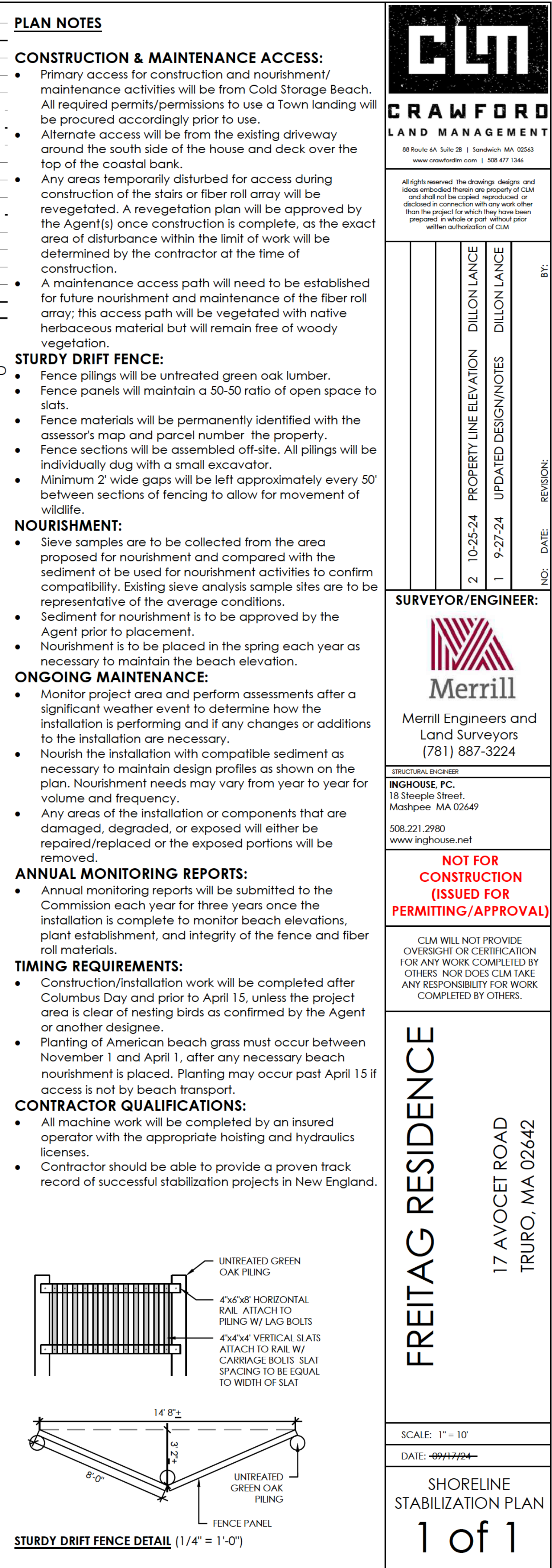
The Applicants and their representatives are available to address any questions or comments you may have. Thank you for your consideration.

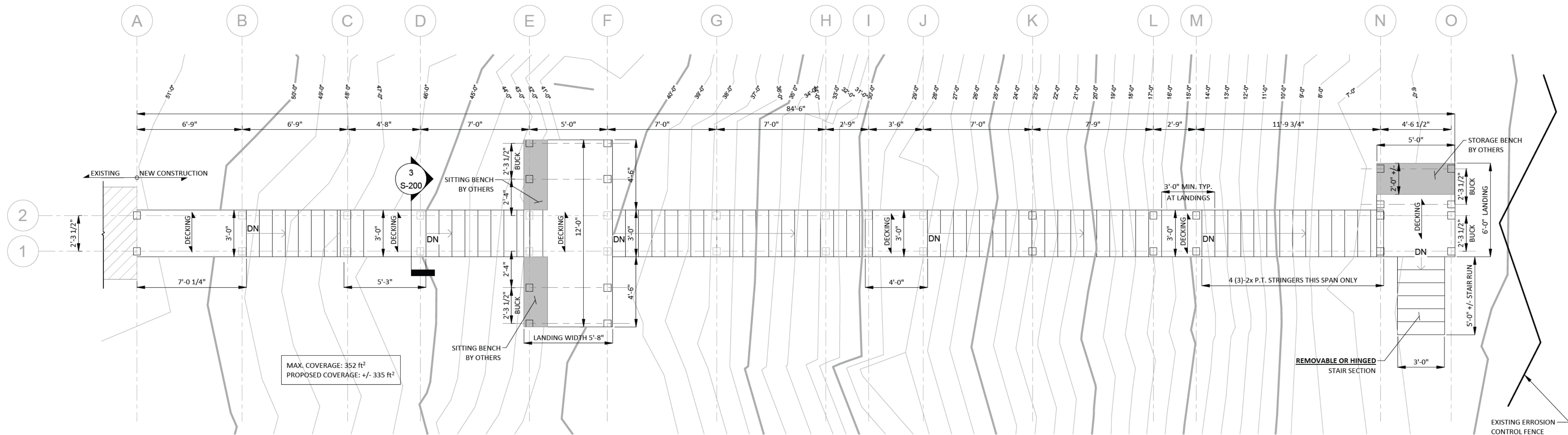
Respectfully,



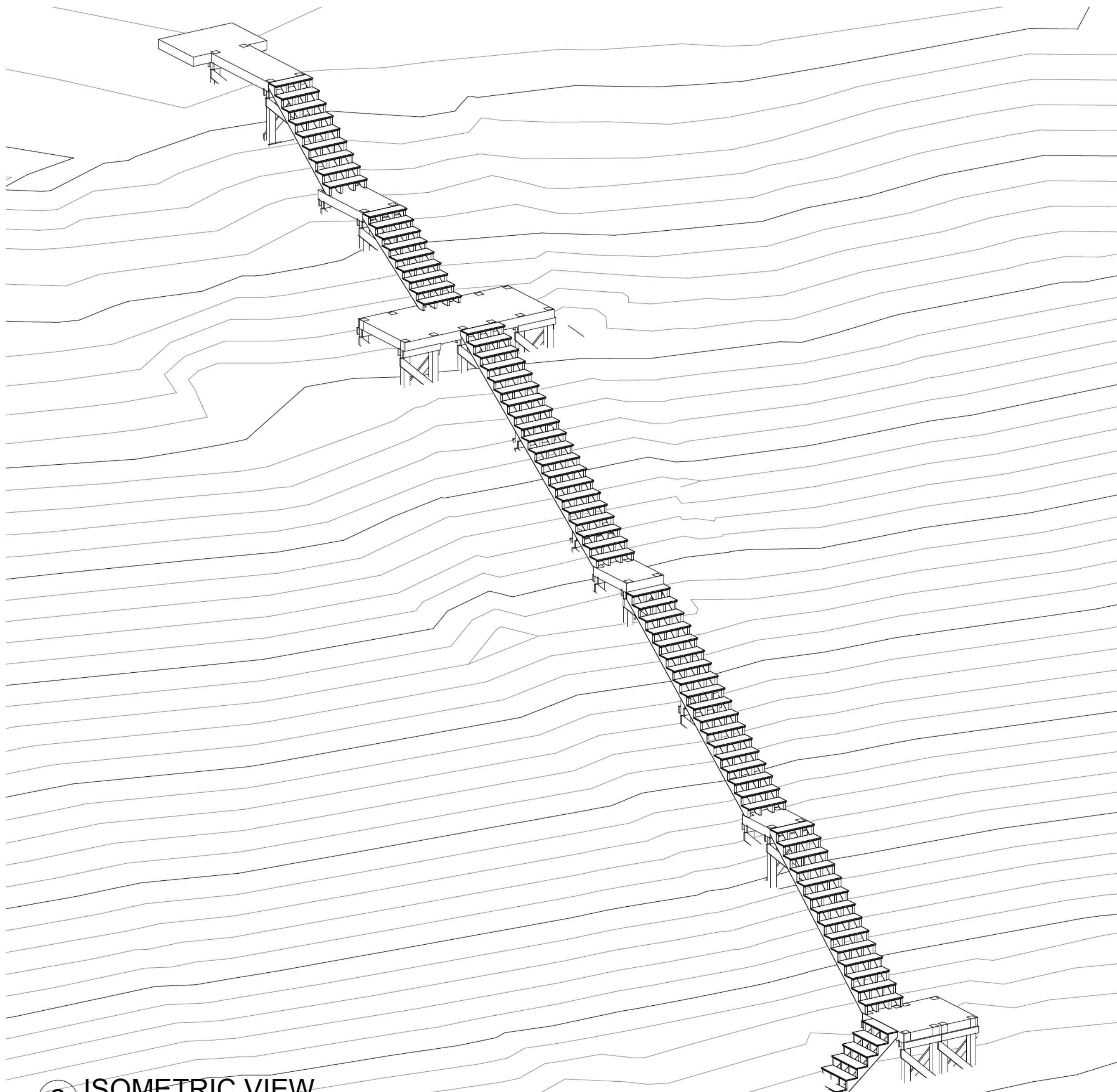
Jennifer Crawford, PLA, ASLA
PRESIDENT, CRAWFORD LAND MANAGEMENT

CC: Michael & Jennifer Freitag, Applicant
CC: Tim Santos, Director of Operations, Merrill Engineers & Land Surveyors
CC: Tara Marden, Senior Coastal Geologist/Project Manager, Coastal Protection Engineering
CC: Lars Jensen, Professional Structural Engineer, Inghouse



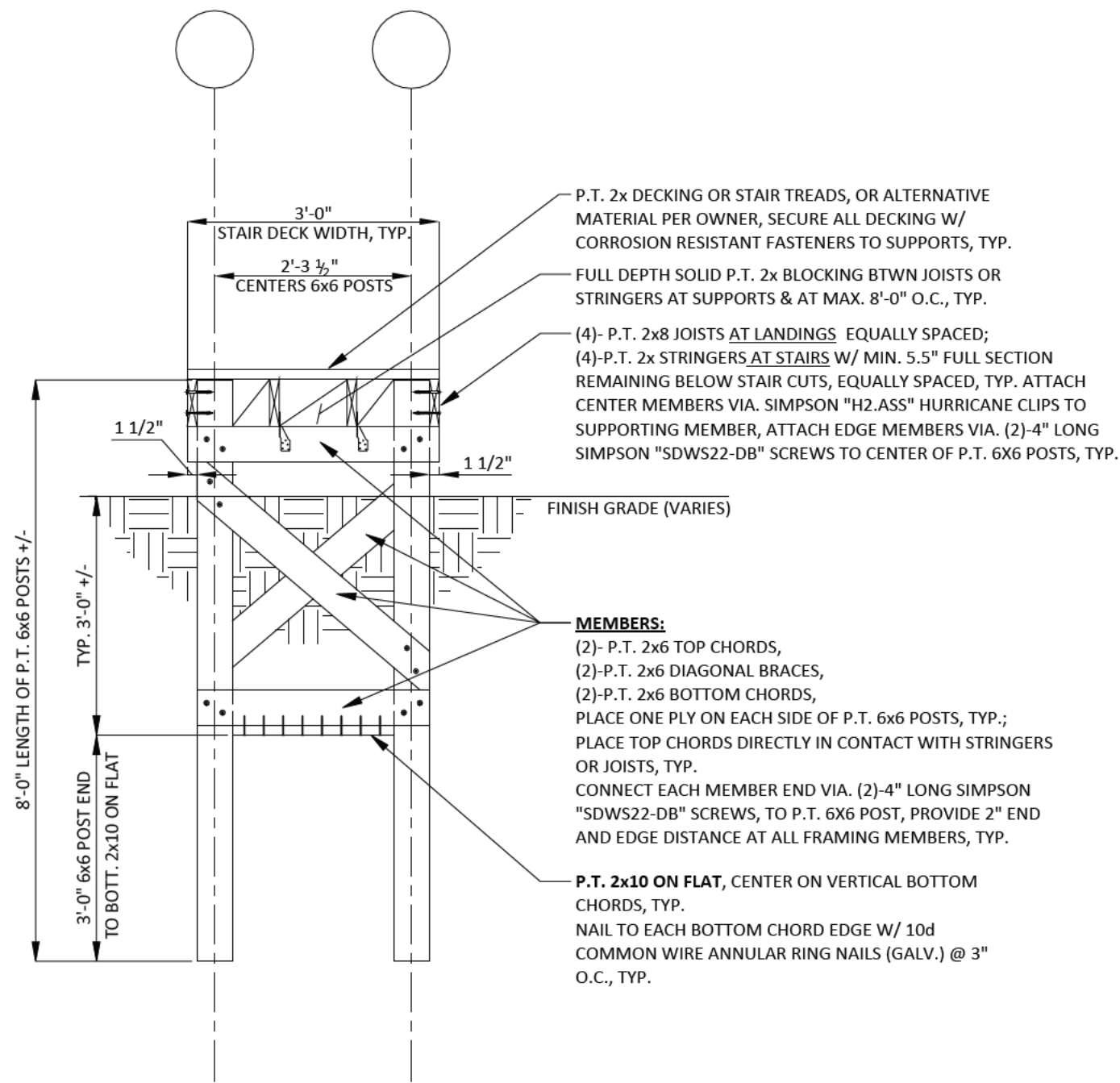


1 STAIR FRAMING PLAN
SCALE: 1/4" = 1'-0"



2 ISOMETRIC VIEW
SCALE:

- COASTAL BANK STAIR REGULATIONS:**
- A STAIRWAY OR BOARDWALK MAY BE PERMITTED OVER A COASTAL BANK PROVIDED THAT IT HAS NO ADVERSE IMPACT ON THE FORM AND FUNCTION OF THE COASTAL BANK AND THE FOLLOWING CRITERIA ARE MET:
1. WITH THE EXCEPTION OF THE PILINGS, ALL OTHER PARTS OF THE STAIRWAY OR BOARDWALK SHALL BE ELEVATED 24 INCHES ABOVE THE SURFACE OF THE GROUND.
 2. ALL STAIRWAYS SHALL FOLLOW THE CONTOURS OF THE LAND AS CLOSELY AS POSSIBLE.
 3. STAIRWAYS SHALL INCORPORATE OPEN RISERS.
 4. DECKING PLANKS SHALL BE SPACED A MINIMUM OF 1/2 INCH APART.
 5. THE STAIRWAY STRUCTURE SHALL BE NO MORE THAT 4 FEET IN OVERALL WIDTH, INCLUDING BUT NOT LIMITED TO THE SUPPORTING POSTS AND HAND RAILS.
 6. THE PRESERVATIVE TREATMENT FOR ANY WOOD TOUCHING THE SURFACE OF THE GROUND SHALL BE NON-TOXIC. USE OF CCA AND CREOSOTE TREATED LUMBER IS PROHIBITED.
 7. THE COMMISSION MAY ALLOW A RESTING LANDING ON A STAIRWAY THAT SHALL SEAT NO MORE THAN TWO INDIVIDUALS IN SOME INSTANCES DUE TO THE HEIGHT, STEEPNESS OR OTHER FACTORS OF THE BANK.
 8. ALL STAIRWAYS SHALL BE MAINTAINED IN GOOD CONDITION. STAIRWAYS THAT FAIL OR COLLAPSE SHALL BE REMOVED OR REPAIRED IMMEDIATELY.
 9. ALL STAIR DESIGNS SHALL BE REMOVABLE WHEN LOCATED IN THE FLOOD PLAIN.
 10. ALL STAIR DESIGNS SHOULD USE BATTEN BOARDS ON THE UPSLOPE SIDE OF THE SUPPORT POSTS TO REDUCE EROSION.



3 TYP. FRAMING BUCK DETAILS
SCALE: 1/2" = 1'-0"

PERMIT SET



inghouse, PC
P.O. Box 182
18 Sleepie Street
MASSHPEE, MA 02649
phone: 508-221-2980
web: www.inghouse.net

SEAL:



Revision

Date

#

PROJECT TITLE:
Beach Access Stairs

PROJECT LOCATION: 17 Avocet Road, Truro, MA

SHEET TITLE:
STAIR FRAMING PLAN

PROJECT TITLE:

SCALE: AS NOTED

DATE: 10/25/2024

DESIGNED BY: LJ

DRAWN BY: SM

PROJECT #: ING24067

S-200

© inghouse 2024

PAGE 2 OF 3

October 29th, 2024

Truro Conservation Commission
Attn: Emily Beebe, Health & Conservation Agent
24 Town Hall Road
Truro, MA 02666

Re: Notice of Intent Application
Project Location: 17 Avocet Road, Truro, MA

To the Members and Staff of the Truro Conservation Commission:

On behalf of our client, Michael and Jennifer Freitag, we are submitting the attached supplemental photos to accompany the Notice of Intent Application for 17 Avocet Road. The supplemental photos show the existing fiber roll array in greater detail. It is clearly shown that the existing fiber roll array is in poor condition and cannot function properly. These photos were taken by the client last winter.

Respectfully,



Jennifer Crawford, PLA, ASLA
PRESIDENT, CRAWFORD LAND MANAGEMENT

CC: Michael & Jennifer Freitag, Applicant
CC: Tim Santos, Director of Operations, Merrill Engineers & Land Surveyors
CC: Tara Marden, Senior Coastal Geologist/Project Manager, Coastal Protection Engineering
CC: Lars Jensen, Professional Structural Engineer, Inghouse



Condition of array next to stairs, there is significant slumping.



Condition of array showing all 4 rolls exposed and slumping of installation from overtopping of array and lack of a stable toe.



Rolls are separating, exposing sediment to wave action, further undermining the integrity of the existing system.



CRAWFORD
LAND MANAGEMENT

CALL (508) 477-1346
EMAIL info@crawfordlm.com
MAIL 88 Route 6A, Unit 2B | Sandwich, MA 02563





CRAWFORD
LAND MANAGEMENT

CALL (508) 477-1346
EMAIL info@crawfordlm.com
MAIL 88 Route 6A, Unit 2B | Sandwich, MA 02563







60 day extension request

PERMIT # 2024-76



TOWN OF TRURO

Conservation Commission

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

PAID
1025

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]
Email address: nick@crawfordLM.com
Owner Name: Gary and Kathy Sharpless 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: 2 Bay View Road Path Map: 39 Parcel: 34
Description of proposed work: Beach nourishment of approximately 100' of shoreline with 50 yards of compatible sand from approved source NOONS via Cold Storage parking area to the South via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.
Proximity to Resource Areas: on coastal beach, 50, 100'

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:

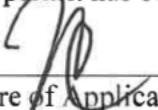
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.

 (Signature of Applicant) 9/23/24 (Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No
 Conditions: Fill out sand nourishment form on completed
 Form can be found on Conservation Dept website
 Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024

60 day extension request

PERMIT # 2024-44



TOWN OF TRURO

Conservation Commission

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

PAID
1024

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Sean Flynn 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: 4 Bay View Road Path Map: 39 Parcel: 28

Description of proposed work: Beach nourishment of approximately 130' of shoreline with 1/2 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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:

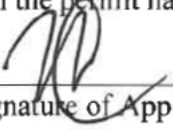
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.


(Signature of Applicant) 9/23/24
(Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed

Form can be found on Conservation Dept website
Signature of Commission Chair or Agent: C. W. W. W. Date: 10/9/2024

60 day extension request

PERMIT # 2024-38



TOWN OF TRURO Conservation Commission

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

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

PAID
1033

Applicant Name: Nick Crawford Telephone: [REDACTED]
Email address: nick@crawfordLM.com
Owner Name: Steve Corkin 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: 1 Merryfield Path Map: 39 Parcel: 36
Description of proposed work: Beach nourishment of approximately 130' of shoreline with 65 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.
Proximity to Resource Areas: on coastal beach, 50', 100'

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:

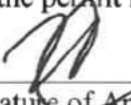
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.


 (Signature of Applicant) (Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed
Form can be found on Conservation Dept website

Signature of Commission Chair or Agent: C. Jensen Date: 10/9/2024

60 day extension request

PERMIT # 2024-39



TOWN OF TRURO

Conservation Commission

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

PAIL
1032

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Jack and Deb Bessemer 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: 24 Bay View Road Map: 39 Parcel: 109.

Description of proposed work: Beach nourishment of approximately 10' of shoreline with 5 yards of compatible sand from approved source NOONS via Cold Storage parking area to the South via front end loader all tracks to be smooth out everyday. Clean up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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.

(Signature of Applicant)

(Date)

FOR OFFICE USE ONLY:

Agent's Comments

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed. Form can be found on Conservation Dept. website

Signature of Commission Chair or Agent: C. Warren

Date: 10/9/2024

60 day extension request

PERMIT # 2024-40



TOWN OF TRURO

Conservation Commission

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

PAID
1031

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Anastasia Song and Susan Flanagan 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: 17 Bay View Road Map: 39 Parcel: 233

Description of proposed work: Beach nourishment of approximately 100' of shoreline with 50 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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.

(Signature of Applicant)

(Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out Sand nourishment form once completed. Form can be found on Conservation Dept website

Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024

60 day extension request

PERMIT # 2024-42



TOWN OF TRURO

Conservation Commission

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

PAID
1029

Conservation Commission,
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Lucy Karanfilian 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: 19 Bay View Road Map: 39 Parcel: 35

Description of proposed work: Beach nourishment of approximately 100' of shoreline with 50 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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:

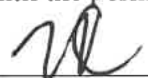
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.


(Signature of Applicant)

9/22/24
(Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed

Form can be found on Conservation Dept website

Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024

60 day extension request

PERMIT # 2024-45



TOWN OF TRURO Conservation Commission

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

PAID
1026

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Matthew and Paula McCue 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: 23 Bay View Road Map: 39 Parcel: 311

Description of proposed work: Beach nourishment of approximately 130' of shoreline with 65 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

South

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:

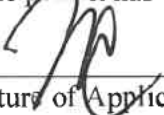
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.

 9/23/24
(Signature of Applicant) (Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed

Form can be found on Conservation Dept website
Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024

60 day extension request

PERMIT # 2024-37



TOWN OF TRURO

Conservation Commission

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

PAID
1034

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Brian Uy and Doriot Kim 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: 25 Bay View Road Map: 39 Parcel: 45

Description of proposed work: Beach nourishment of approximately 130' of shoreline with 65 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

South

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.

(Signature of Applicant)

(Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed.
Form can be found on Conservation Dept website.

Signature of Commission Chair or Agent: C Walker

Date: 10/9/2024

60 day extension request

PERMIT # 2024-41



TOWN OF TRURO

Conservation Commission

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

PAID
1030

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Jill Clark 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: 29 Bay View Road Map: 39 Parcel: 50

Description of proposed work: Beach nourishment of approximately 130' of shoreline with 65 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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.

(Signature of Applicant)

(Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed
Form can be found on Conservation Dept. website

Signature of Commission Chair or Agent: C. Warren

Date: 10/9/2024

60 day extension request

PERMIT # 2024-43



TOWN OF TRURO

Conservation Commission

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

PAID
1028

Conservation Commission
TOWN OF TRURO

SEP 24 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Nick Crawford Telephone: [REDACTED]

Email address: nick@crawfordLM.com

Owner Name: Chris Lyons 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: 55 Pond Road Map: 38 Parcel: 6

Description of proposed work: Beach nourishment of approximately 50' of shoreline with 25 yards of compatible sand from approved source NOONS via Cold Storage parking area to the North via front end loader all tracks to be smooth out everyday. Clean-up of parking area upon completion.

Proximity to Resource Areas: on coastal beach, 50', 100'

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:

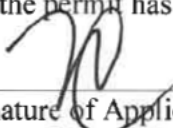
- No construction *within* any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.

 (Signature of Applicant) 9/29/25 (Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/3/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: Fill out sand nourishment form once completed
Form can be found on Conservation Dept website

Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024

PAID

PERMIT # 2024-48



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: Janet London Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: Janet London 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 Truro Map: 35 Parcel: 9

Description of proposed work: 2 pine trees on top bank endangering dune + house. Exposed roots & causing massive erosion of dune.

Proximity to Resource Areas: top of coastal bank

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.

90 day request

Sheds and Other Construction Projects:

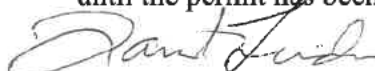
- No construction within any wetland resource except for minimal projects with the consent of the Conservation Agent.
- Any proposed new construction is more than 50' from the edge of resource area.
- No excavation by machinery is required or proposed.
- Foundation for structure shall be concrete blocks, 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.

 Oct 16 2025
 (Signature of Applicant) (Date)

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/16/2024 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 11/4/2024 Permit Approved: ☐ Yes ☐ No
 Conditions: _____

Signature of Commission Chair or Agent: _____ Date: _____



OCT 18 2024

PERMIT # 2024-49



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: James T. Downey Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: James T. Downey & Joy F. Downey 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: 433 Shore Road Map: 8 Parcel: 20

Description of proposed work: A shallow 12 - 20 ft. hand driven well for Irrigation

Proximity to Resource Areas: located between Rte. 6 and Shore Road on a Barrier Beach / Dune

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.
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- The Conservation Agent shall inspect the property to verify that the work completed is within the scope of the Approved Application.
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- NOTE: Use of town property for beach access or staging of construction materials requires a permit issued by the Board of Selectmen.

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

(Signature of Applicant)

(Date)

10/18/24

FOR OFFICE USE ONLY:

Agent's Comments _____

Site Inspection Date: 10/21/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 11/4/2024 Permit Approved: Yes ☐ No ☐
Conditions: _____

Signature of Commission Chair or Agent: _____ Date: _____

PLAN

SCALE: 1 IN. = 30 FT.
 DATUM: MEAN SEA LEVEL
 REF: PB. 190 PG. 85, DB. 2874 PG. 191
 ASSESSOR'S MAP 8 PARCEL 20

Conservation Commission
 TOWN OF TRURO

OCT 18 2024

STATE HIGHWAY
 ROUTE 6

SAFKA
 (8-18)

(8-19)

BENCH
 MARK
 EL. = 13.76'
 ON C.B.FND.

ROUTE 6 A
 (SHORE ROAD)

WIND & WAVE
 HOUSING ASSOC.
 (9-11)

ZONE A2
 (EL 10)

AREA =
 14,931 ± SQ. FT.
 (0.34 ± ACRES)

ZONE A0
 (2' DEPTH)

PROPOSED
 DWELLING
 (4 BR)

TIMBER
 PILINGS

PROPOSED
 DRIVEWAY

BOUND-
 TO BE
 LEVELED

PROPERTY IS SERVICED
 BY TOWN WATER

DESIGN DATA

- 1.) REQUIRED FLOW = 4 BEDROOMS x 110 GPD./BR. = 440 GPD.
- 2.) SEPTIC TANK CAPACITY REQUIRED = 1.5 x 440 GPD. = 660 GAL. USE 1000 GAL. SEI
 (MIN. REQ'D. W/OUT GA.)
- 3.)

20'L. x 3'D. x 2 x 2.5 GPD./SQ. FT.	= 300 GPD.	: SIDEWALL
5'W. x 3'D. x 2 x 2.5 GPD./SQ. FT.	= 75 GPD.	: ENDWALL
20'L. x 5'W. x 1 x 1.0 GPD./SQ. FT.	= 100 GPD.	: BOTTOM
440 GPD. REQ'D. < 475 GPD. = TOTAL		

USE 1-20' LONG x 5'
 WIDE x 3' DEEP
 LEACHING TRENCH



OCT 21 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: John M. O'Reilly, P.E., P.L.S. Telephone: 508-896-6601
Email address: joreilly@jmoreillyassoc.com
Owner Name: Anthony Bak 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: 35 Black Pond Road Map: 61 Parcel: 14
Description of proposed work: Project is to connect a new sewer line to a septic tank which replaces a cesspool.
The sewer connection at the house is about 80 feet from BVW. Area to be disturbed for sewer is currently grass.
Proximity to Resource Areas: 80 feet to a BVW to a Slough Pond.

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.
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- Foundation for structure shall be concrete blocks, sonotubes, diamond piers
- Repairs or replacement of existing structures remain within the same footprint.
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By signing this permit application, you are acknowledging that you have read and understand the terms as stated herein. You are also aware that no work shall go forward until the permit has been issued by the Conservation Commission.

 (Signature of Applicant) 10-17-24 (Date)

FOR OFFICE USE ONLY:

Agent's Comments ALREADY APPROVED BY BOH

Site Inspection Date: 10/23/24 Application Approved: ☒ Yes ☐ No

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

Signature of Commission Chair or Agent: _____ Date: _____

VARIANCES REQUESTED

STATE AND LOCAL:
MA STATE SANITARY CODE AND THE TOWN OF TRURO BOARD OF HEALTH REGULATIONS
SEWAGE DISPOSAL REGULATIONS:

310 CMR 15.221 GENERAL CONST. REQUIREMENTS (SECTION 7)

- 1.) PROPOSED SEPTIC TANK IS NOT WITHIN 36-INCH OF FINISH GRADE:
63-INCHES ± PROVIDED; 27-INCH VARIANCE REQUESTED
- 2.) PROPOSED LEACHING FACILITY IS NOT WITHIN 36-INCH OF FINISH GRADE:
72-INCHES ± PROVIDED; 36-INCH VARIANCE REQUESTED
LEACH FACILITY IS RATED FOR H-20 WHEELLOADS AND IS VENTED

KEY- NOT TO SCALE

LOT

AREA = 130,680 SF±

JOHN M.
O'REILLY
NO. 46733

JOHN M.
O'REILLY
NO. 36200

REGISTERED
PROFESSIONAL ENGINEER

REGISTERED
PROFESSIONAL LAND SURVEYOR

REGISTERED
PROFESSIONAL LAND SURVEYOR

REGISTERED
PROFESSIONAL LAND SURVEYOR

REGISTERED
PROFESSIONAL LAND SURVEYOR

REGISTERED
PROFESSIONAL LAND SURVEYOR

REGISTERED
PROFESSIONAL LAND SURVEYOR

BENCHMARK
TOP OF WELL CASING
EL=37.2± (NAVD 1988 DATUM)

PROPOSED RELOCATED WELL

Existing Well
TO BE RELOCATED

Approximate Location
of Existing Cesspool,
SEE NOTE 15

CLEAN OUT- SEE NOTE

Existing Dwelling
3 Bedroom
Top of Pier= 34.5
Ridge Height= 54.1

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

Existing Fire Pit

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Existing Fire Pit

LEGEND	
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	WATER SERVICE LINE
	OVERHEAD UTILITY SERVICE
	ELECTRIC / COMM. SERVICE LINE
	GAS SERVICE LINE
	TEST HOLE / BORING LOCATION
	SEPTIC TANK
	DISTRIBUTION BOX
	SOIL ABSORPTION SYSTEM
	RESERVED FOR FUTURE
	UTILITY POLE
	CATCH BASIN
	FIRE HYDRANT
	WELL
	DRAINAGE MANHOLE
	CONCRETE BOUND, FOUND
	LIMIT OF WORK
	FENCE
	EDGE OF CLEARING

Conservation Commission
TOWN OF TRURO

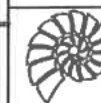
OCT 21 2024

Anthony Bak

GREWENBRINK #21, 33619 BIELEFELD, GERMANY

SITE PLAN

35 BLACK POND ROAD, TRURO, MA



J.M. O'REILLY & ASSOCIATES, INC.

Professional Engineering & Land Surveying Services

1673 Main Street - Route 6A

P.O. Box 1773

(508)898-8801 Office Brewster, MA 02631 (508)898-8602 Fax

DATE:	SCALE:	BY:	CHECK:	JOB NUMBER:
9-30-2024	As Noted	JMO/gb	JMO	JMO-9590



SCALE 1"=20'

G:\AJOB5\BAK 9590\DWG\9590 SITE & SDS PLAN.dwg

A.) NEITHER DRIVEWAYS NOR PARKING AREAS ARE ALLOWED OVER SEPTIC SYSTEM UNLESS H-20 COMPONENTS ARE USED.

B.) THE DESIGNER WILL NOT BE RESPONSIBLE FOR THE SYSTEM AS DESIGNED UNLESS CONSTRUCTED AS SHOWN. ANY CHANGES SHALL BE APPROVED IN WRITING.

C.) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCEMENT OF WORK.

- 1.) ALL CONSTRUCTION SHALL CONFORM TO THE STATE ENVIRONMENTAL CODE, TITLE 5, AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH.
- 2.) SEPTIC TANK(S), GREASE TRAP(S), DOSING CHAMBER(S) AND DISTRIBUTION BOX(ES) SHALL BE SET ON A LEVEL STABLE BASE WHICH HAS BEEN MECHANICALLY COMPACTED, OR ON A 6 INCH CRUSHED STONE BASE.
- 3.) SEPTIC TANK(S) SHALL MEET ASTM STANDARD C1127-93 AND SHALL HAVE AT LEAST THREE 20" DIAMETER MANHOLES. THE MINIMUM DEPTH FROM THE BOTTOM OF THE SEPTIC TANK TO THE FLOW LINE SHALL BE 48".
- 4.) SCHEDULE 40 PVC INLET AND OUTLET TEES SHALL EXTEND A MINIMUM OF 6" ABOVE THE FLOW LINE OF THE SEPTIC TANK AND SHALL BE INSTALLED ON THE CENTERLINE OF THE TANK DIRECTLY UNDER THE CLEANOUT MANHOLE.
- 5.) RAISE COVERS OF THE SEPTIC TANK AND DISTRIBUTION BOX WITH PRECAST CONCRETE WATER TIGHT RISERS OVER INLET AND OUTLET TEES TO WITHIN 6" OF FINISH GRADE, OR AS APPROVED BY THE LOCAL BOARD OF HEALTH AGENT.
- 6.) PIPING SHALL CONSIST OF 4" SCHEDULE 40 PVC OR EQUIVALENT. PIPE SHALL BE LAID ON A MINIMUM CONTINUOUS GRADE OF NOT LESS THAN 1%.
- 7.) DISTRIBUTION LINES FOR SOIL ABSORPTION SYSTEM (AS REQUIRED) SHALL BE 4" DIAMETER SCHEDULE 40 PVC LAID AT 0.005 FT/FT. LINE SHALL BE CAPPED AT END OR AS NOTED.
- 8.) OUTLET PIPES FROM DISTRIBUTION BOX SHALL REMAIN LEVEL FOR AT LEAST 2' BEFORE PITCHING TO SOIL ABSORPTION SYSTEM. WATER TEST DISTRIBUTION BOX TO ENSURE EVEN DISTRIBUTION.
- 9.) DISTRIBUTION BOX SHALL HAVE A MINIMUM SUMP OF 6" MEASURED BELOW THE OUTLET INVERT.
- 10.) BASE AGGREGATE FOR THE LEACHING FACILITY SHALL CONSIST OF 3/4" TO 1-1/2" DOUBLE WASHED NATIVE STONE FREE OF IRON, FINES AND DUST AND SHALL BE INSTALLED BELOW THE CROWN OF THE DISTRIBUTION LINE TO THE BOTTOM OF THE SOIL ABSORPTION SYSTEM. BASE AGGREGATE SHALL BE COVERED WITH A LAYER OF FILTER FABRIC OR APPROVED EQUIVALENT.
- 11.) VENT SOIL ABSORPTION SYSTEM WHEN DISTRIBUTION LINES EXCEED 50 FEET; WHEN LOCATED EITHER IN WHOLE OR IN PART UNDER DRIVEWAYS, PARKING AREAS, TURNING AREAS OR OTHER IMPERVIOUS MATERIAL; OR WHEN PRESSURE DOSED.
- 12.) SOIL ABSORPTION SYSTEM SHALL BE COVERED WITH A MINIMUM OF 9" OF CLEAN MEDIUM SAND (EXCLUDING TOPSOIL).
- 13.) FINISH GRADE SHALL BE A MAXIMUM OF 36" OVER THE TOP OF ALL SYSTEM COMPONENTS, INCLUDING THE SEPTIC TANK, DISTRIBUTION BOX, DOSING CHAMBER AND SOIL ABSORPTION SYSTEM. SEPTIC TANKS SHALL HAVE A MINIMUM COVER OF 36".
- 14.) FROM THE DATE OF INSTALLATION OF THE SOIL ABSORPTION SYSTEM UNTIL RECEIPT OF A CERTIFICATE OF COMPLIANCE, THE PERIMETER OF THE SOIL ABSORPTION SYSTEM SHALL BE STAKED AND FLAGGED TO PREVENT THE USE OF SUCH AREA FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE SYSTEM.
- 15.) SUBSURFACE COMPONENTS OF A SYSTEM SHALL NOT BE BACKFILLED OR OTHERWISE CONCEALED FROM VIEW UNTIL A FINAL INSPECTION HAS BEEN CONDUCTED BY THE APPROVING AUTHORITY AND PERMISSION HAS BEEN GRANTED BY THE APPROVING AUTHORITY TO BACKFILL THE SYSTEM. THE DESIGNER SHALL INSPECT THE CONSTRUCTION AFTER THE INITIAL EXCAVATION, PRIOR TO BACKFILLING AND DURING BACKFILLING. IN ADDITION, THE FINAL INSPECTION OF THE SYSTEM SHALL BE CONDUCTED BY THE APPROVING AUTHORITY, THE SYSTEM INSTALLER AND DESIGNER PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLIANCE PURSUANT TO 310 CMR 15.021(3). ANY COMPONENT OF THE SYSTEM WHICH HAS BEEN COVERED WITHOUT SUCH PERMISSION SHALL BE UNCOVERED UPON REQUEST OF THE APPROVING AUTHORITY OR THE DEPARTMENT.
- 16.) SOIL REMOVAL- IF REQUIRED: ANY SUBSOIL (B-HORIZON) ENCOUNTERED BELOW THE TOP OF THE INLET PIPE SHALL BE REMOVED FOR A DISTANCE OF 5 FEET FROM THE PROPOSED SOIL ABSORPTION SYSTEM AND DOWN TO THE CLEAN SAND LAYER. AREA TO BE BACKFILLED WITH CLEAN SAND AND COMPACTED TO MINIMIZE SETTLING.
- 17.) INSTALLER SHALL VERIFY INVERT ELEVATIONS PRIOR TO INSTALLATION OF ANY SEPTIC SYSTEM COMPONENTS.
- 18.) EXISTING CESSPOOL TO BE LOCATED, PUMPED DRY, FILLED WITH CLEAN SAND, AND ABANDONED IN PLACE. WORK TO BE COMPLETED BY HAND.
- 19.) EXISTING WASTELINE(S): EXISTING WASTE LINE SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF THE SEPTIC TANK. DESIGN ENGINEER SHALL BE NOTIFIED IF THE PROPOSED EXIT ELEVATION NEEDS TO BE ADJUSTED FROM THE ELEVATION SHOWN HEREON.
- 20.) INSTALLER TO CONFIRM LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO START OF CONSTRUCTION.
- 21.) WATER/SEWER CROSSING: WASTELINE SHALL BE A 20' SECTION OF PVC PIPE CENTERED OVER THE WATER LINE TO MAXIMIZE DISTANCE TO JOINTS.
- 22.) ALL 4" PVC CLEANOUTS SHALL BE WITHIN 3" OF FINISH GRADE. CLEANOUTS SHALL BE MARKED WITH A PIECE OF #5 REBAR FOR FUTURE LOCATION.

SEWAGE DESIGN FLOW:
3 BEDROOM DWELLING @ 110 GPD = 330 GPD

LEACHING CAPACITY REQUIRED:
3 BEDROOMS (MAX.) @ 110 GPD = 330 GPD REQUIRED

SEPTIC TANK CAPACITY REQUIRED:
DAILY FLOW = 330 GPD @ 200% = 660 GAL. REQUIRED

SEPTIC TANK CAPACITY PROVIDED:
1500 GALLON SEPTIC TANK (MIN. ALLOWED)

LEACHING CAPACITY PROVIDED:
ONE (1) 25.0' X 12.83' X 2.0' LEACHING CHAMBER CAN LEACH:
$$V_L = [(25.0 \times 12.83) + (25.0 \times 2.0)] \times (12.83 \times 2.0) \times 0.74 \text{ GPD/SF} = 349.3 \text{ GPD}$$
$$V_L = 349 \text{ GPD} > 330 \text{ GPD REQUIRED}$$

NOTE: A GARBAGE DISPOSAL IS NOT PERMITTED WITH THIS DESIGN.

INSTALL:
ONE (1) - 1500 GALLON SEPTIC TANK
ONE (1) - 3 OUTLET DISTRIBUTION BOX (H-20 RATED)
TWO (2) - 500 GALLON LEACH CHAMBERS WITH 4" OF STONE ALL AROUND

DEPTH FROM SURFACE (INCHES)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER
0-9"	A	LOAMY FINE SAND	10YR 2/2	NONE	
9-36"	B	LOAMY FINE SAND	10YR 5/6	NONE	
36-140"	C	MEDIUM TO COARSE SAND	10YR 7/6	NONE	PERC@ 66": RATE<2MIN/IN

TEST HOLE 2: EL=42.0±

DEPTH FROM SURFACE (INCHES)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER
0-17"	A	LOAMY FINE SAND	10YR 2/2	NONE	
17-52"	B	LOAMY FINE SAND	10YR 5/6	NONE	
52-146"	C	MEDIUM TO COARSE SAND	10YR 7/6	NONE	

TEST HOLE 2: EL=39.0±

DEPTH FROM SURFACE (INCHES)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER
0-17"	A	LOAMY FINE SAND	10YR 2/2	NONE	
17-52"	B	LOAMY FINE SAND	10YR 5/6	NONE	
52-146"	C	MEDIUM TO COARSE SAND	10YR 7/6	NONE	

TEST HOLE 2: EL=39.0±

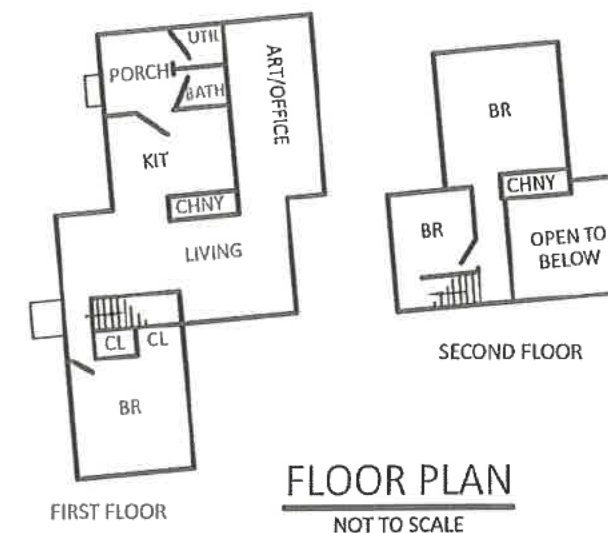
DATE OF TESTING: 03/20/24

PERCOLATION RATE: LESS THAN 2 MIN/INCH IN MEDIUM TO COARSE SANDS (C LAYER).

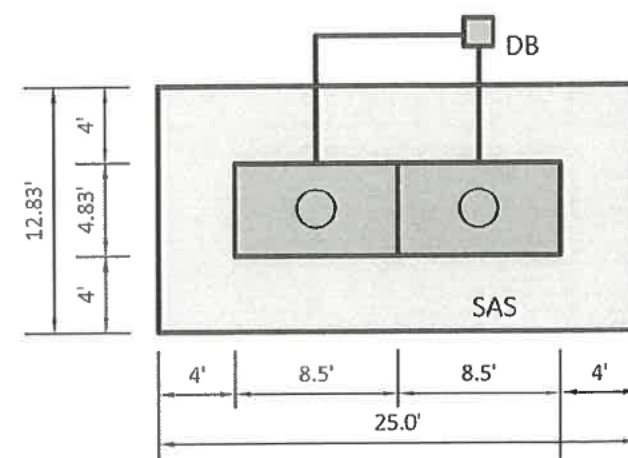
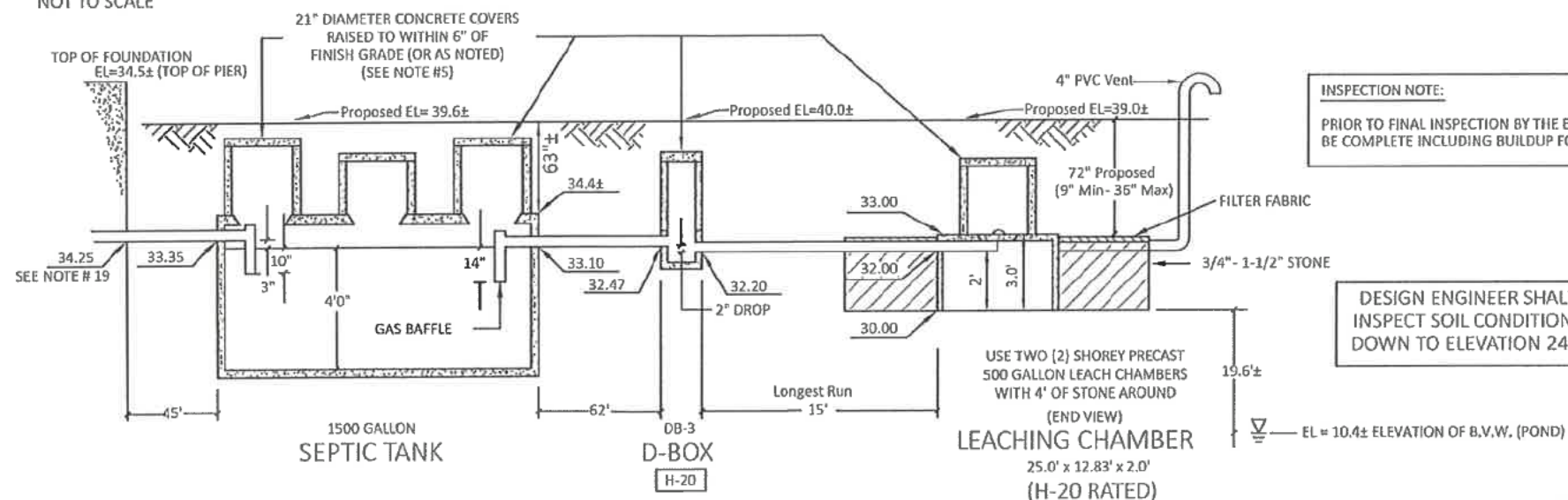
WITNESSED BY: MATTHEW FARRELL , EIT, J.M. O'REILLY & ASSOCIATES, INC.
 AROZANA DAVIS, AGENT, TRURO HEALTH DEPARTMENT

NO WATER ENCOUNTERED

USE A LOADING RATE OF 0.74 GPD/SF FOR SIZING OF SOIL ABSORPTION SYSTEM.



NOT TO SCALE



SCALE: 1" = 10'

INSPECTION NOTE:

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

DESIGN ENGINEER SHALL
INSPECT SOIL CONDITIONS
DOWN TO ELEVATION 24.0

Conservation Commission
TOWN OF TRURO
OCT 21 2024

SHEET 2 OF 2

Anthony Bak
GREWENBRINK #21, 33619 BIELEFELD, GERMANY

SEWAGE DISPOSAL SYSTEM DESIGN
35 BLACK POND ROAD, TRURO, MA



J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

1573 Main Street - Route 6A P.O. Box 1773 (508)996-6601 Office Brewster, MA 02631 (508)996-6602 Fax				
DATE:	SCALE:	BY:	CHECK:	JOB NUMBER:
9-30-2024	As Noted	JMO/gb	JMO	JMO-9590

OCT 25 2024

PAID

503

PERMIT #

2024-51



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: Dune Crest Hotel Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: Evan Evans 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: 535 RTE 6 North Truro, MA 02652 Map: Parcel:

Description of proposed work:

Restoration of the disturbed area by unit 30 - Re-soil and re-seed with native drought resistant grass seed

Proximity to Resource Areas: In conservation

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.

 10/25/24
(Signature of Applicant) (Date)

FOR OFFICE USE ONLY:

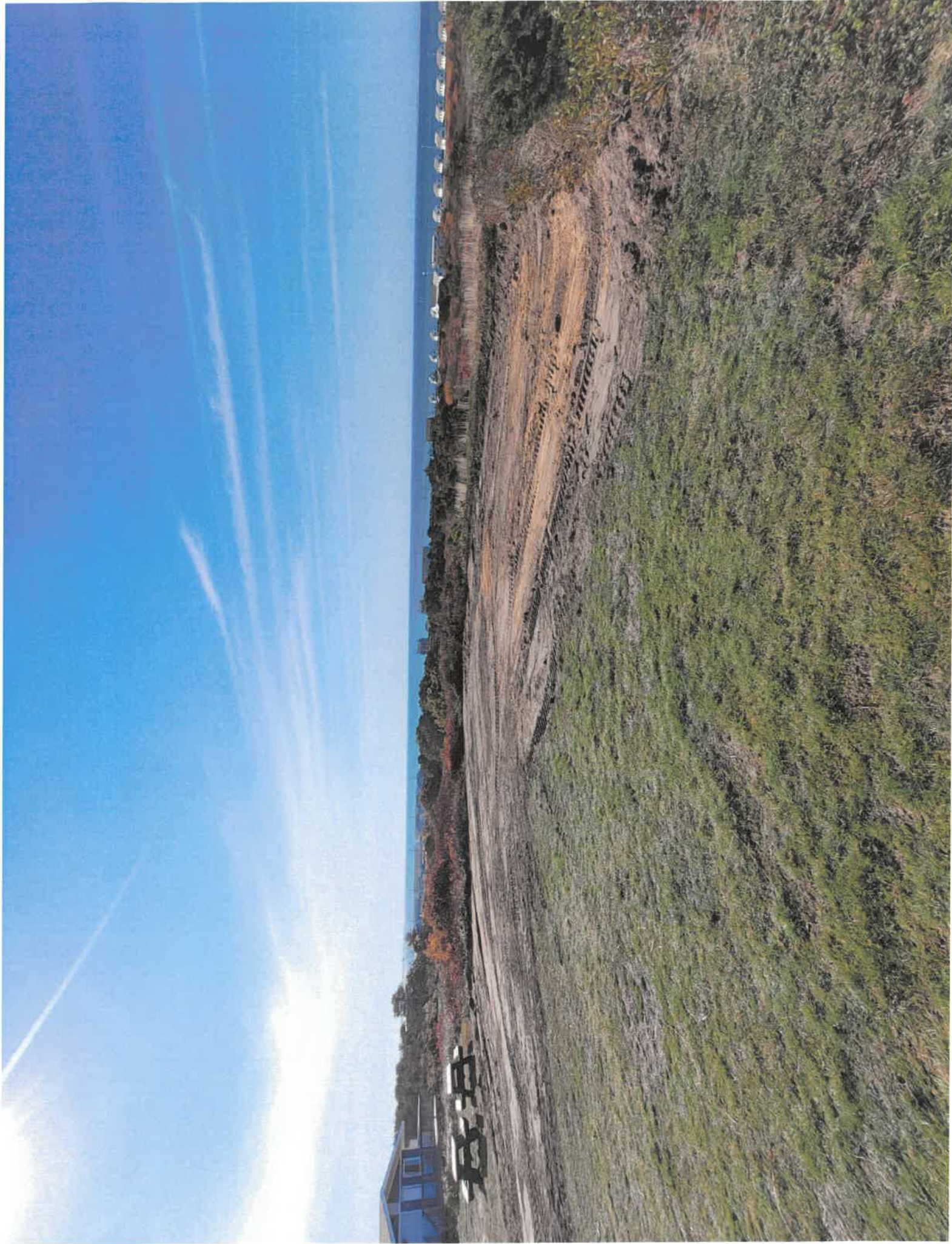
Agent's Comments

area disturbed was an existing lawn within the outer ~20'-30' of B2. Will restore w/ native grasses.

Site Inspection Date: 10/24/24 Application Approved: ☒ Yes ☐ No

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

Signature of Commission Chair or Agent: _____ Date: _____



60 day extension request

Conservation Commission
TOWN OF TRURO
SEP 16 2024

PERMIT # 2024-35



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: Sara Sherlock Telephone: [REDACTED]

Email address: [REDACTED]

Owner Name: Susan Sherlock 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: 472 Shore Road Map: 8 Parcel: 008-027-00X

Description of proposed work:

Beach nourishment - Per Noons estimate 40yd of sand to be placed on the length of property seawall (street side).

Proximity to Resource Areas:

CRITERIA FOR ADMINISTRATIVE REVIEW (AR) PERMITS

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- 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:

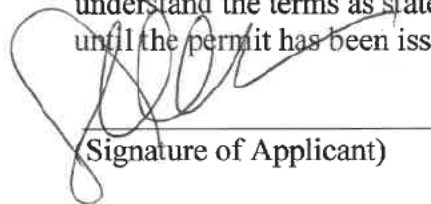
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- New structures must be less than 160 square feet.
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 _____
 Signature of Applicant (Date) 9/10/24

FOR OFFICE USE ONLY:

Agent's Comments

see photos. AD

Site Inspection Date: 9/24/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No

Conditions: fill out sand nourishment form once completed. Form can be found on Conservation Dept website

Signature of Commission Chair or Agent: C. Warren Date: 10/8/2024

60 day extension request

PERMIT # 2024-32



TOWN OF TRURO

Conservation Commission

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

Conservation Commission
TOWN OF TRURO

AUG 12 2024

APPLICATION FOR ADMINISTRATIVE REVIEW PERMIT

PERMIT FEE \$20

Applicant Name: Amanda Krok Telephone: 508-477-1346 x 111

Email address: amanda@crawfordlm.com

Owner Name: Charles and Donna Ward Telephone: _____

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

Address of subject property: 8 Falcon Ln., Truro, MA 02666 Map: 39 Parcel: 245

Description of proposed work: Removal of 10 dead pines within roughly 50-100 ft. of Great Swamp, a freshwater pond.

CLAT proposes to leave stumps in-tact and replant the biomass of the area with 10 Carolina Rose, 8 Bayberry, 8 Beach Plum, and 10 Chokeberry for a total of 36 native shrubs at 6.

Proximity to Resource Areas: roughly 100 ft. of Great Swamp, a freshwater pond. within a Coastal Zone.

1 removed dead pine by the house. This has been removed and has been replanted with 25 beachplum, 1 Crimson Queen and 2 Bloodgood Maple. ↑ within a Coastal Zone

CRITERIA FOR ADMINISTRATIVE REVIEW (AR) PERMITS

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[Signature] 8/12/2024
(Signature of Applicant) (Date)

FOR OFFICE USE ONLY:

Agent's Comments removal of dead trees planting of native veg

Site Inspection Date: 9/24/24 Application Approved: ☒ Yes ☐ No

Conservation Commission Review: Meeting Date: 10/7/2024 Permit Approved: ☒ Yes ☐ No
Conditions: _____

Signature of Commission Chair or Agent: C. Warren Date: 10/9/2024



TOWN OF TRURO CONSERVATION COMMISSION

P.O. Box 2030
Truro MA 02666-0630

Conservation Commission Meeting Minutes: September 9, 2024

Commissioners Present: Chair Carol Girard-Irwin, Commissioners Bob White, Diane Messinger, and Connie Mather. **Absent:** Vice Chair Linda Noons-Rose; Commissioner Clint Kershaw **Others Present:** 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 5:01 pm and provided the virtual meeting instructions.

Notice of Intent: 10 Thornley Meadow Road, Roland & Lucia Letendre (SE#75-1198): after-the-fact filing for beach stair replacement and beach grass trimming; Coastal Bank & Coastal Dune. (Map 53, Parcel 87) The Applicant requested a continuance until the October 7, 2024 meeting. **Motion:** Chair Carol Girard-Irwin moved to continue the hearing until October 7, 2024; **Second:** Commissioner Diane Messinger; **Vote:** 4-0-0; the motion carried.

Request for Determination of Applicability: 32 Shore Road, Christian Union Church: cesspool upgrade; Buffer Zone to a Bordering Vegetated Wetland. (Map 36, Parcel 132) Robert Reedy from JM O'Reilly & Associates briefly described the project which is a cesspool upgrade to an I/A system with a raised leaching area. The required variances have already been approved by the Board of Health. **Motion:** Commissioner Bob White moved for a negative 3 determination; **Second:** Commissioner Connie Mather; **Vote:** 4-0-0; the motion carried.

Request for Determination of Applicability: 535 Route 6, Dunes Crest Motel: construct new decks; Buffer Zone to a Coastal Bank. (Map 32, Parcel 28) Michael Martin described the project as the replacement of existing individual decks with one continuous deck. Diamond footings would be used, and the old concrete footings would be removed. The Commission asked that the spacing between the deck boards be the widest allowed by the Building Code and confirmed that there would be no skirting around the deck. Commissioner Bob White asked about the footprint of the deck. Michael Martin stated that the distance from the buildings would remain at 6'. **Motion:** Commissioner Diane Messinger moved for a negative 3 determination with the condition that the width between deck boards be the widest allowed by the Building Code and that there be no deck skirting; **Second:** Chair Carol Girard-Irwin; **Vote:** 4-0-0; the motion carried.

Request for Determination of Applicability: 12 Quanset Road, Cobb Farm Association: remove trees around tennis court; Buffer Zone to a Vernal Pool. (Map 59, Parcel 43) Doug Cox, contractor, described the project as the removal of selected trees that are impacting the playing surface of the tennis court. The Commissioners asked about a pile of grass clippings near the tennis court on the slope toward the vernal pool. Doug Cox

replied that the clippings are likely from an abutting property and will be removed as part of this project. He also stated that he would replant any high bush blueberry or bearberry that gets disturbed during this work. The Commission discussed a time restriction and settled on November 15th to protect the nearby vernal pool.

Motion: Commissioner Diane Messinger moved for a negative 3 determination with the condition that work be completed in the summer/fall (by November 15) to protect the vernal pool. Second: Commissioner Bob White; Vote: 4-0-0; the motion carried.

Administrative Review Applications: 1.) 510 Shore Road, U:C: 60 Day extension request; Motion: Chair Carol Girard-Irwin moved to approve the extension request; Second: Commissioner Diane Messinger; Vote: 4-0-0; the motion carried.

Request for Certificate of Compliance: (1) 12 Pilgrims Path, SE# 75-1146; (2) 7 Yacht Club Road, SE# 75-1060; (3) 8 Castle Road, SE# 75-0841; (4) 8 Castle Road, SE# 75-1105 Motion: Chair Carol Girard-Irwin moved to approve the COC request for both projects at 8 Castle Road; Second: Commissioner Diane Messinger; Vote: 4-0-0; the motion carried. Gordon Peabody from Safe Harbor Environmental provided the Commission with photos of the woody stem vegetation at 12 Pilgrims Path. He also noted that this request for 7 Yacht Club Road was for the local COC and that they will request a COC from the state for the superseding order of conditions. Motion: Chair Carol Girard-Irwin moved to approve the COC request for 12 Pilgrims Path and 7 Yacht Club Road; Second: Commissioner Connie Mather; Vote: 4-0-0; the motion carried.

Commissioner Bob White moved to adjourn the meeting; Second: Commissioner Diane Messinger; Vote: 4-0-0; the motion carried.

The meeting was adjourned at 5:23 PM.

Respectfully Submitted by Courtney Warren