



October 28, 2022

Project # C19675.00

Weymouth Conservation Commission
Attn: Mary Ellen Schloss, Agent
75 Middle Street
E. Weymouth, MA 02189

By Email & USPS

Re: Notice of Intent Application Filing Package
Proposed Maintenance Dredging
Town of Weymouth
0 River Street
Weymouth, MA
Map 2 Parcel 3-5

Dear Ms. Schloss and Commission Members:

On behalf of our client, the Town of Weymouth, we are submitting an original plus 6 copies of a Notice of Intent Application Filing Package, an original check for municipal filing, and 7 copies of the plan for the above referenced project. The following items are enclosed:

- Site Access Authorization Form
- Town of Weymouth Notice of Intent Form
- Notice of Intent Application
- Project Narrative
- NOI Wetland Fee Transmittal Form
- Affidavit of Service and Abutter Notification Letter
- Certified Abutter List, Assessor Map 2 identifying locus
- Mass. Division of Marine Fisheries Submittal Letter & Proof of Submission
- Weymouth USGS Map, identifying locus
- Coastal Engineering Company, Inc. Proposed Maintenance Dredging Plan Set (5 Sheets), dated 10/28/2022

Please schedule this for the **November 15, 2022** public hearing. If you have any questions or require additional information, please give our office a call. Thank you.

Sincerely,

COASTAL ENGINEERING CO., INC.

Carla A. Davis

Enclosures: as stated

cc: MassDEP - SERO
MassDMF
Town of Weymouth
Todd D. Turcotte, Project Manager

SITE ACCESS AUTHORIZATION

DATE: 10/27/2022

PROJECT: Proposed Maintenance Dredging

TO: **Weymouth Conservation Commission and Conservation Administrator**

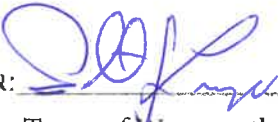
FROM: Todd D. Turcotte, Coastal Engineering Co., Inc.

260 Cranberry Highway, Orleans, MA 02653

LOCATION: 0 River Street
(Hereafter referred to as the property)

I (We) hereby authorize the individual members of the Conservation Commission and its agents to enter upon the property for the purpose of gathering information prior to issuing a Determination of Applicability or an Order of Conditions and for the purpose of enforcing the Order of Conditions prior to the issuance of a Certificate of Compliance.

TIME: FROM THE PRESENT TO DATE OF ISSUANCE OF CERTIFICATE OF COMPLIANCE

PROPERTY OWNER:  DATE: 10/27/2022
Town of Weymouth

**NOTICE OF INTENT
UNDER THE TOWN OF WEYMOUTH
WETLANDS PROTECTION ORDINANCE, CHAPTER 7, SECTION 301**

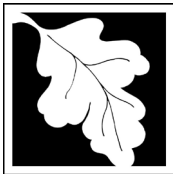
1. Project Location 0 River Street
2. Town of Weymouth Atlas Reference (Parcel #) Map 2, Parcel 3-5
3. Project Description Maintenance dredging.
4. County, Norfolk: Book 3657 Page 433
5. *Applicant Robert Luongo, Town of Weymouth *Telephone# 781-340-5015
6. *Applicant Address 260 Cranberry Highway, Orleans, MA 02653
7. Property Owner Town of Weymouth
8. Representative Todd D. Turcotte, Project Manager, Telephone# 508-255-6511
Coastal Engineering Company, Inc.
9. Representative's Address 260 Cranberry Highway, Orleans, MA 02653
10. **Billing Party for Legal Notice (All info is required):**
Name: Town of Weymouth
Address: 75 Middle Street, East Weymouth, MA 02189
Home Phone: 781-340-5015 Cell: _____
Email address rluongo@weymouth.ma.us
11. Has the Conservation Commission received the **original** material **plus six (6) copies** of the Notice of Intent form, 8.5"x11", U.S.G.S. locus and 8.5"x11" sheet clearly showing the proposed site and work in addition to labeled resource areas? YES NO
12. Are the following additional interests relevant to the proposed project? If so, Notice of Intent must include a discussion of these interests. Aesthetics _____ Wildlife Recreation Erosion Control _____
13. Have you filed your Local Wetland Fees? State Fees? YES NO
14. Have you filed the Abutters' Notification and Affidavit of Service? YES NO

I, THE UNDERSIGNED, HEREBY APPLY FOR A PERMIT PURSUANT TO THE CODE OF ORDINANCES, TOWN OF WEYMOUTH, CHAPTER 7, SECTION 301


Signature

10/27/2022
Date

*THE WEYMOUTH CONSERVATION OFFICE WILL SUBMIT THE NECESSARY LEGAL AD, AND THE APPLICANT WILL BE BILLED DIRECTLY BY THE PATRIOT LEDGER. FOR BILLING PURPOSES, THE PATRIOT LEDGER REQUIRES THAT THE TELEPHONE NUMBER SUBMITTED MUST BE THE DIRECT CONTACT NUMBER THAT MATCHES THE NAME AND ADDRESS OF THE APPLICANT, OTHERWISE THE LEGAL AD WILL NOT BE PUBLISHED AND THE HEARING WILL BE DELAYED.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Weymouth
City/Town

Important:

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



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

A. General Information

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

<u>0 River Street</u>	<u>Weymouth</u>	<u>02191</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
	<u>42°15'6.40"N</u>	<u>70°56'10.69"W</u>
	d. Latitude	e. Longitude
<u>2</u>	<u>3-5</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Robert</u>	<u>Luongo</u>	
a. First Name	b. Last Name	
<u>Town of Weymouth</u>		
c. Organization		
<u>75 Middle Street</u>		
d. Street Address		
<u>E. Weymouth</u>	<u>MA</u>	<u>02189</u>
e. City/Town	f. State	g. Zip Code
<u>781-340-5015</u>	<u>rluongo@weymouth.ma.us</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

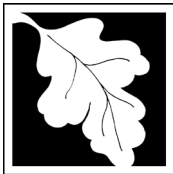
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Todd D.</u>	<u>Turcott, P.E.</u>	
a. First Name	b. Last Name	
<u>Coastal Engineering Co., Inc.</u>		
c. Company		
<u>260 Cranberry Highway</u>		
d. Street Address		
<u>Orleans</u>	<u>MA</u>	<u>02653</u>
e. City/Town	f. State	g. Zip Code
<u>508-255-6511</u>	<u>508-255-6700</u>	<u>permitting@coastalengineeringcompany.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>EXEMPT</u>	<u>0</u>	<u>0</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

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A. General Information (continued)

6. General Project Description:

Proposed maintenance dredging of the channel and turning basin in the Weymouth Back River

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

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

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

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

2. Limited Project Type

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

8. Property recorded at the Registry of Deeds for:

Norfolk

a. County

3657

c. Book

b. Certificate # (if registered land)

433

d. Page Number

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

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

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

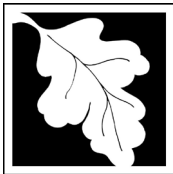
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
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5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



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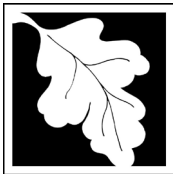
City/Town

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

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

Online Users:
 Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input checked="" type="checkbox"/> Land Under the Ocean	89,158 1. square feet	
	7,900 2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input checked="" type="checkbox"/> Coastal Beaches	11,209 1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings	b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

**Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581**

- 2022 _____
b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

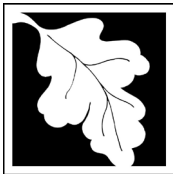
- c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
- Assessor's Map or right-of-way plan of site

- Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
 - (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

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C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

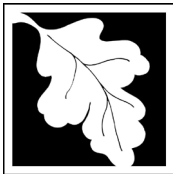
- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

Proposed Maintenance Dredging Plan Set (5 Sheets)

a. Plan Title

Coastal Engineering Co., Inc.

Catherine C. Ricks, P.E.

b. Prepared By

c. Signed and Stamped by

10/28/2022

1" = 40'

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. Attach NOI Wetland Fee Transmittal Form

9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

EXEMPT

N/A

2. Municipal Check Number

3. Check date

EXEMPT

N/A

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



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F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

[Handwritten Signature]

1. Signature of Applicant

10/27/2022

2. Date

3. Signature of Property Owner (if different)

[Handwritten Signature]

5. Signature of Representative (if any)

4. Date

10/28/2022

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



NOTICE OF INTENT APPLICATION O RIVER STREET, WEYMOUTH

TOWN OF WEYMOUTH

MAINTENANCE DREDGING

Maintenance dredging of the channel and turning basin in the Weymouth Back River



Prepared By: Coastal Engineering Company, Inc.
October 28, 2022

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Introduction

The proposed dredging area is located at 0 River Street in Weymouth at the Joseph Carven Boat Ramp. The Boat Ramp is an active public recreational boat launch that sees a large influx of vessel traffic during the warmer months. The dredge site is located south and east of the Boat Ramp and includes a turning basin and entrance channel in the Weymouth Back River, which allows public access to the waterways of Hingham Bay and the surrounding areas. The average tidal range at the project location is about 9.4 feet between MHW and MLW.

The area was originally dredged in 1961. The historic 1961 dredge area was within the same limit as what was dredged in 1998 but extended approximately 80 feet to the west and slightly to the north of the 1998 dredge area.

Maintenance dredging of the project location was most recently performed in 1998 removing 15,600 cubic yards of fine-grained and silty marine sediments. The purpose of the dredge was to maintain the 80-foot-wide channel and redefine a turning basin near the public boat ramp. The dredged material from 1998 dredge event was disposed of at the Massachusetts Bay Disposal Site (MBDS). A small dredge area immediately seaward of the boat ramp was also permitted under the MA DEP Chapter 91 Licensed Number 2865 as part of the reconstruction project of the boat ramp, floating docks, and rip rap support structure.

The Energy & Environmental Affairs (EEA) portal was utilized to research reportable spill history. There is no historical evidence of any hazardous waste generation or spill/remediation history. Based on information found through this research there were no hazardous spills in the vicinity of the proposed dredge footprint and therefore high concentrations of hazardous materials are not anticipated to be detected in the proposed samples.

Project Description

The proposed project is to perform maintenance dredging of the enhanced channel and turning basin area located in Weymouth Back River at the Boat Ramp. This project is considered maintenance dredging of a previously dredged area that was last dredged in 1998. The proposed maintenance dredge footprint is in the same footprint as was previously permitted and dredged. The proposed maintenance dredge footprint area is about 71,990 Square Feet (SF), about 1.65 acres, with a proposed dredge depth to EL -6.0 MLW and a 1-foot over dredge allowance to EL -7.0 MLW. The estimated dredge volume is approximately 7,900 cubic yards (CY) and will be completed by mechanical dredging.

Maintenance dredging is required at the project location due to the ongoing sediment deposition within the footprint of the channel and turning basin. Based on the maintenance dredging performed in 1998, approximately 15,600 CY of material was dredged and disposed of offshore at the MBDS. Preliminary exploratory sediment samples were collected during the bathymetric survey, and based on the sieve analysis, the sediment within the dredge area is comprised of mostly silty material. It is proposed that following the initial chemical analysis of the sediment samples, a determination will be made as to the disposal location, either an upland disposal site or a permitted offshore disposal site. Considering permitting timeframes and constraints, the proposed dredge would occur after April 2023.

Wetland Resource Areas and Performance Standards

The project area is within the FEMA Flood Zones VE (EL 13) and AE (EL 11) as show on the Firm Panel C25021C0093E. The project area is directly within coastal resource areas or within 100' buffer to coastal resource areas that include Coastal Beach (Tidal Flats), Land Under the Ocean (LUO), Land Subject to Coastal Storm Flowage (LSCSF), and Salt Marsh.

The resource areas are covered under the 310 CMR 10.00: Wetlands Protection Act Regulations. We have addressed the potential impacts to these Resource Areas based on the Performance Standards under the State Wetland Protection Regulations in the following sections.

State Wetlands Protection Act 310 CMR 10.00

10.04: Land Subject to Coastal Storm Flowage

"land subject to any inundation caused by coastal storms up to and including that caused by the 100-year storm, surge of record or storm of record, whichever is greater"

The Land Subject to Coastal Storm Flowage (LSCSF) does not have regulation performance standards, though it is a protected resource area and therefore approval is needed to perform work within the LSCSF. The project will not adversely affect LSCSF as it takes place within the footprint of the previously dredged area.

10.25: Land Under Ocean

"land extending from the mean low water line seaward to the boundary of the municipality's jurisdiction and includes land under estuaries."

No improvement dredging is proposed under this application. Maintenance dredging will be carried out using the best practices. Proper sediment and turbidity controls will be applied to prevent the spread of contaminated sediments during dredging into any shellfish areas. To avoid disturbing the adjacent salt marsh, a silt curtain will be installed prior to dredging and no dredging will take place within 25 feet of the salt marsh. Maintenance dredging shall be performed by a clamshell (bucket) or excavator dredge working from a barge. Maintenance dredging activity will take place during high tide only. This will prevent the barge from bottoming out during the dredging process. The dredge material will be placed in metal containers in the parking lot area to dewater. The material will dewater by settling in containers as the water seeps out of the lining of the container and then flowing back into the channel. This will minimize spillage when the metal containers are placed on trucks and hauled to the approved disposal site. The project is not within the habitats identified by Natural Heritage Endangered Species Program (NHESP).

10.27: Coastal Beaches (Tidal Flats)

"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."

"Tidal Flat means any nearly level part of a coastal beach which usually extends from the mean low water line landward to the more steeply sloping face of the coastal beach or which may be separated from the beach by land under the ocean."

The maintenance dredging will not increase erosion or change the form of any beach by removing the sediment that has built up through siltation for navigational purposes. No solid fill structure is proposed within this project. No beach nourishment is proposed within this project. The dredging will be performed in a manner to ensure there are no changes in water quality. The changes to water circulation and distribution

of grain size will be improved by removing the sediment that has been deposited in the channel and turning basin since the previous dredging was performed. The project is not within the habitats identified by Natural Heritage Endangered Species Program (NHESP).

10.32: Salt Marsh

*"a coastal wetland that extends landward up to the highest high tide line, that is, the highest spring tide of the year, and is characterized by plants that are well adapted to or prefer living in, saline soils. Dominant plants within salt marshes typically include salt meadow cord grass (*Spartina patens*) and/or salt marsh cord grass (*Spartina alterniflora*), but may also include, without limitation, spike grass (*Distichlis spicata*), high-tide bush (*Iva frutescens*), black grass (*Juncus gerardii*), and common reedgrass (*Phragmites*). A salt marsh may contain tidal creeks, ditches and pools."*

To avoid disturbing the adjacent salt marsh, a silt curtain will be installed prior to dredging and no dredging will take place within 25 feet of the salt marsh. Maintenance dredging shall be performed by a clamshell (bucket) or excavator dredge working from a barge so as not to disturb any salt marsh. The project is not within the habitats identified by Natural Heritage Endangered Species Program (NHESP).

10.58: Riverfront Area

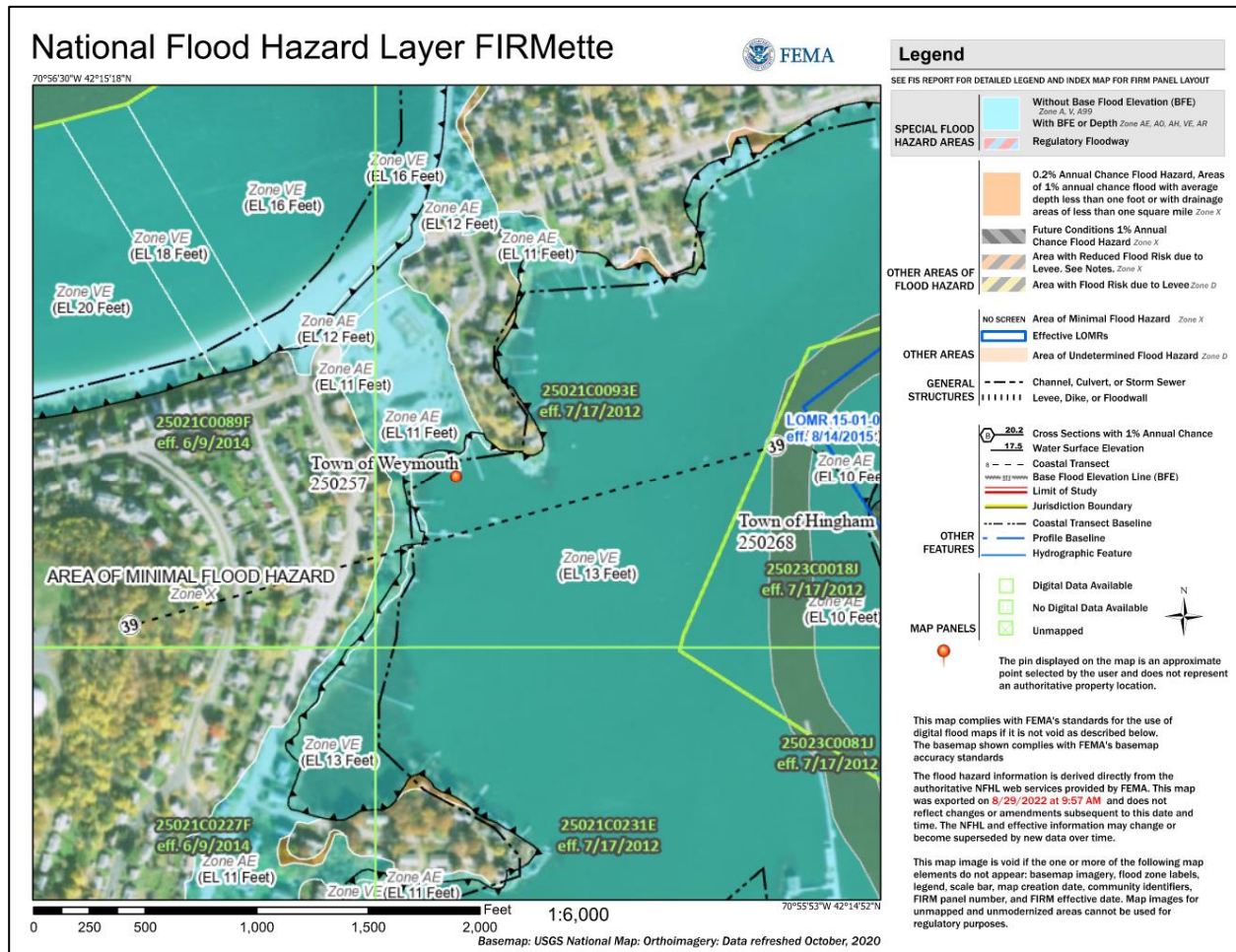
"the area of land between a river's mean annual high water line and a parallel line measured horizontally. The riverfront area may include or overlap other resource areas or their buffer zones. The riverfront area does not have a buffer zone."

The maintenance dredging within the existing footprint of the previously dredged area, will not affect the other resource areas listed above, is not within the habitats identified by Natural Heritage Endangered Species Program (NHESP) and is the most practical and economic solution for navigation.

Other Protected Resource Areas

Other resource areas protected under regulations include FEMA flood zones, Natural Heritage Endangered Species Program (NHESP) priority and estimated habitats of rare wildlife species, Area of Critical Environmental Concern (ACEC), and Impaired Waters. The project site is not located within an ACEC, or any priority or estimated habitat of rare wildlife species.

FEMA



FEMA Firmette for the Project Locs

The project area is within the FEMA Flood Zones VE (EL 13) and AE (EL 11) as show on the Firm Panel C25021C0093E. These elevations are based on the North American Vertical Datum of 1988 (NAVD88).

Alternatives Analysis

The following paragraphs describe the alternatives that were reviewed in the feasibility and design phases of the project development. The alternatives were reviewed based on reaching the project goals while minimizing impacts to the resource areas, constructability, and remaining economically feasible.

Alternative 1 – No Action

If nothing were done, the sediment would continue to be deposited in the channel and turning basin, decreasing the depth and available draft for vessels to be able to operate in. With an increasing amount of sediment, prop wash could increase turbidity in the water column which would have a negative impact on shellfish and the surrounding habitats. If left alone for an increased amount of time, sediment build-up could make it difficult for navigation and vessels to pass safely through the channel and turning basin.

Alternative 2 – Maintenance Dredging (Preferred Alternative)

The maintenance dredging would allow for the removal of sediment that has been deposited in the channel and turning basin since the previous dredge was performed in 1998. The dredging would allow for more distance between propellers and seafloor, greatly reducing turbidity from prop wash kicking up sediment. The dredging would also allow boaters to travel safely inbound and outbound from the public boat ramp without the chance of running aground. The maintenance dredge provides a meaningful way to enhance vessel safety and minimize adverse effects to nearby habitats all while protecting the coastal resources and is therefore the preferred alternative.

Construction Protocol

Prior to the Start of Dredging:

Prior to the start of any work there will be an on-site meeting to review the dredging and to satisfy the Conservation Agent that the work will be done as specified. The dredging is proposed to start after April of 2023, after completion of all pre-construction requirements outlined in the specifications and Order of Conditions as well as any pre-construction requirements outlined during the pre-construction meeting.

Dredging:

Access will be from the waterway via floating barge. Barge shall not bottom out at any time during construction. No materials shall be stored on the salt marsh. A bottom-anchored, floating silt boom shall be utilized around the dredge footprint during dredging activities. Any additional permits or approvals necessary for use of these sites will need to be obtained by the Contractor prior to construction.

Dredging Completion:

Prior to removal of equipment, the Contractor is to notify the Engineer for a meeting with the parties taking part in the pre-construction meeting. Deficiencies will be identified to the Contractor and addressed with a plan and follow through until final site conditions are approved by the Engineer.

Summary and Recommendations

The purpose of the project is to provide safe navigation while reducing adverse impact to natural resource protection in the Weymouth Back River. The project includes the maintenance dredging of the channel and turning basin. The project will create an area with an appropriate depth for safe navigation and help to improve water quality through minimizing turbidity. The maintenance dredging will have no adverse effects on the wetlands resource areas and wildlife habitats as all the work will occur within the footprint of the previously dredged area. Each performance standard under the State regulations has been addressed.

The information provided adequately describes the project and the design considerations taken to prevent adverse impacts to the wetland resource areas.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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



A. Applicant Information

1. Location of Project:

<u>0 River Street</u>	<u>Weymouth</u>
a. Street Address	b. City/Town
<u>N/A</u>	<u>EXEMPT</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Robert</u>	<u>Luongo</u>	
a. First Name	b. Last Name	
<u>Town of Weymouth</u>		
c. Organization		
<u>75 Middle Street</u>		
d. Mailing Address		
<u>E. Weymouth</u>	<u>MA</u>	<u>02189</u>
e. City/Town	f. State	g. Zip Code
<u>781-340-5015</u>	<u>rluongo@weymouth.ma.us</u>	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

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

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat 4h (dredging)	1	\$1,450.00	EXEMPT
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Step 5/Total Project Fee:			EXEMPT
Step 6/Fee Payments:			
Total Project Fee:			EXEMPT
State share of filing Fee:			0
City/Town share of filing Fee:			0
			a. Total Fee from Step 5
			b. 1/2 Total Fee less \$12.50
			c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act and Code of Ordinances, Town of Weymouth, Chapter 7, Section 301

(To be submitted to the Massachusetts Department of Environmental Protection and the **Weymouth Conservation Commission** when filing a Notice of Intent or Request for Determination)

I Carla A. Davis hereby certify under the pains and penalties of perjury that on 10/28/2022 (date)

I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, and **Town of Weymouth**, in connection with the following matter:

A Notice of Intent or Request for Determination filed under the Massachusetts Wetlands Protection Act by

Coastal Engineering Company, Inc.

With the **Town of Weymouth Conservation Commission** 10/28/2022
(Date)

on For property located at 0 River Street

Shown on Assessors Map# 2 Block # 3 Lot# 5

The forms of the notification, and a list of the abutters and town departments to whom it was given and their addresses, are attached to this Affidavit of Service.

Carla A. Davis

Name
Carla A. Davis, Coastal Engineering Co., Inc.

10/28/2022
Date

TOWN OF WEYMOUTH

NOTIFICATION TO ABUTTERS UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT AND LOCAL WETLANDS PROTECTION ORDINANCE, CHAPTER 7, SECTION 301

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

- A. The name of the applicant is Town of Weymouth
- B. The applicant has filed: Notice of Intent, *or* OOC Amendment Request, *or* Request for Determination with the Conservation Commission for the municipality of Weymouth seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, Section 40).
- C. The address of the lot where the activity is proposed and a brief description including square footage and/or dimensions of proposed project:
- The proposed project is to perform maintenance dredging of the enhanced channel and turning basin area located in Weymouth Back River at the Boat Ramp (0 River Street). This project is considered maintenance dredging of a previously dredged area that was last dredged in 1998. The proposed maintenance dredge footprint is in the same footprint as was previously permitted and dredged. The proposed maintenance dredge footprint area is about 71,990 SF, about 1.65 acres, with a proposed dredge depth to EL -6.0 MLW and a 1-foot over dredge allowance to EL -7.0 MLW. The estimated dredge volume is approximately 7,900 cubic yards (CY) and will be completed by mechanical dredging.
- D. Copies of the Notice of Intent or OOC Amendment Request or Request for Determination may be examined at The Weymouth Conservation Commission Office, Weymouth Town Hall, between the hours of 8:30 and 4:30, Monday through Friday (it is recommended to call for an appointment first at 781 340 5007). Copies may also be viewed on the Town of Weymouth Website, on the conservation page under the current and past cases tab at: <https://www.weymouth.ma.us/conservation-commission/pages/current-and-past-cases-partial-list>
- E. Copies of the Notice of Intent or OOC Amendment Request or Request for Determination may be obtained from (check one):

the Applicant **or** the Applicant's Representative

by calling this telephone number 508-255-6511 contact person Carla Davis, Coastal Engineering Co., Inc.

between the hours of: 8am - 5pm on the following days of the week: Mon - Fri

- F. Information regarding the date, time, and place of the public hearing may be obtained from:

Weymouth Conservation Commission

By calling this telephone number: 781-340-5007

Between the hours of: 8:30 – 4:30 Mon. though Friday

- G. Check One: This is the Applicant
This is the Applicant's Representative
Other (specify) Town of Weymouth Conservation Commission

NOTE: Notice of the public hearing/meeting, including its date, time and place will be published at least five days in advance in the Patriot Ledger, and will also be posted on the Town website at www.weymouth.ma.us not less than forty-eight hours in advance. You may also contact the Weymouth Conservation Commission or the Department of Environment Protection Regional office for more information about this application or the Wetland Protection Act. To contact DEP, call 508-946-2700.

10/24/2022

PARCEL #	LOCATION	OWNER NAME/ADDRESS	CERTIFIED	
			YES	NO
MAP: 2 BLOCK: 3 LOT: 38 EXT: 0	17 BEACH RD	BARNES NICOLE 17 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 10 EXT: 0	22 BEACH RD	GARDNER GEORGE T III TRUSTEE GARDNER REALTY TRUST 22 BEACH RD N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 65 EXT: 0	27 BEACH RD	HARRISON ERIC & CRUZ IVONNE 27 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 12 EXT: 0	36 BEACH RD	CEB REALTY TRUST BARRETT PATRICK J & CHRISTINE 36 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 11 EXT: 0	46 BEACH RD	DOREY RICHARD E & MARY L TBE 46 BEACH RD N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 13 EXT: 0	54 BEACH RD	TUFTS ROBERT PETER & TUFTS KEVIN DANIEL 64 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 15 EXT: 0	62 BEACH RD	HICKEY MARK E & PATRICIA A TBE 62 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 16 EXT: 0	64 BEACH RD	TUFTS ROBERT L & ELAINE P TUFTS ROBERT PETER & TUFTS 64 BEACH RD WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 13 LOT: 1 EXT: 0	407 NECK ST	SMITH EDWARD M JR & DUNBAR DONNA TRS 407 NECK ST RLTY TR 407 NECK ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: 2 BLOCK: 3 LOT: 31 EXT: 0	411 NECK ST	PARIGIAN STEVEN P & SCAFURI MARGARET A TBE *Current Owner 411 NECK ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10/24/2022

PARCEL #	LOCATION	OWNER NAME/ADDRESS	CERTIFIED	
			YES	NO
MAP: BLOCK: LOT: EXT:	2 3 64 0	417 NECK ST KOSTADINOV D G & KOSTADINOVA ILIYANA I TBE & GRIGOR D TIC 417 NECK ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 2 0	427 NECK ST MCVINEY TODD 427 NECK ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 30 0	429 NECK ST TRIPOLITIS GEORGE & NATALIE TBE 429 NECK ST N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 41 0	431 NECK ST HERLIHY RICHARD B & DONNA JEAN 431 NECK ST N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 12 6 0	436 NECK ST HARTFORD ELLEN M 436 NECK ST N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 42 0	439 NECK ST CALIRI JOSEPH A 4 STONE LANE UNIT 5246 MALDEN, MA, 02148	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 12 26 0	446 NECK ST TANKO JOSEF 446 NECK ST N WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 5 0	0 RIVER ST TOWN OF WEYMOUTH 75 MIDDLE ST E WEYMOUTH, MA, 02189	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 12 10 0	20 RIVER ST TOWN OF WEYMOUTH PARK DEPT 75 MIDDLE ST E WEYMOUTH, MA, 02189	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAP: BLOCK: LOT: EXT:	2 3 3 0	41 RIVER ST MCCARTHY GAIL M 41 RIVER ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10/24/2022

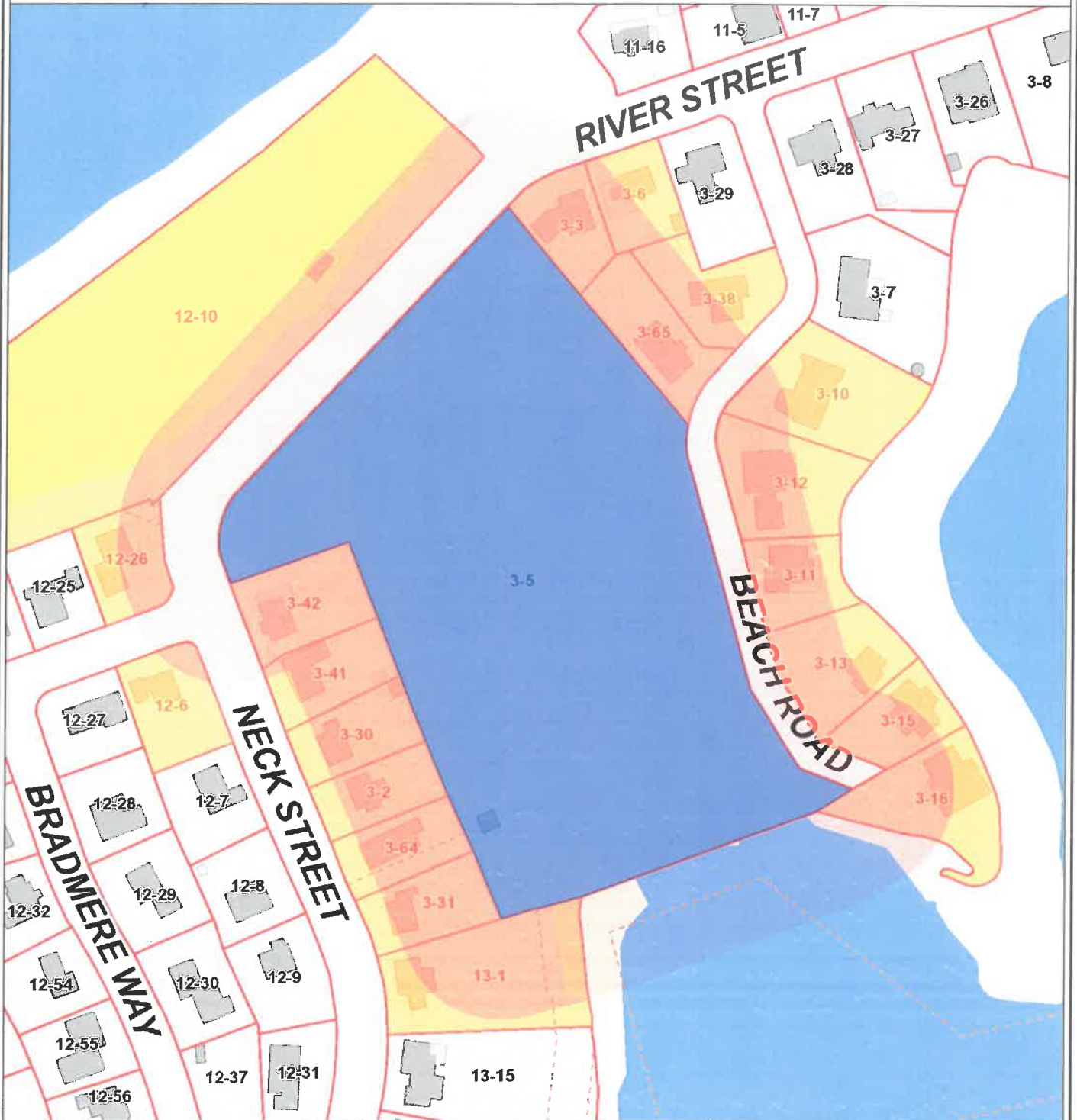
PARCEL #	LOCATION	OWNER NAME/ADDRESS	CERTIFIED	
			YES	NO
MAP: 2 BLOCK: 3 LOT: 6 EXT: 0	47 RIVER ST	GILDEA SANDRA A 47 RIVER ST WEYMOUTH, MA, 02191	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This list of abutters is a certified copy of the Town of Weymouth's tax records for fiscal year 2023.
The record of ownership is accurate through May 2022.

Prepared by:  10/24/22

Reviewed by:

|



- Essemen
- Assessors Parcels
- Buildings
- BUILDING
- DECK
- OTHER
- SHED
- Base Map
- Roads - Layout
- PUB/PRIV TRAVELWAYS
- PAPER
- Hydrography
- Streams
- Ponds / Major Streams
- Towns
- Built-Up Areas

1" = 139 ft



DISCLAIMER: ALL DATA IS PROVIDED "AS IS" WITH ALL FEATURES, IF ANY. THE TOWN OF WEYMOUTH EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY TYPE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO THE ACCURACY OF THE DATA, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



October 28, 2022

Project #C19675.00

Division of Marine Fisheries
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744

Via EMAIL

RE: NOTICE OF INTENT
Proposed Maintenance Dredging
Town of Weymouth
0 River Street
Weymouth, MA
Map 2 Parcel 3-5

Dear Sir/Madam:

Enclosed please find a copy of the Notice of Intent we have filed with the Town of Weymouth Conservation Commission for the above referenced project.

Sincerely,

COASTAL ENGINEERING CO., INC.

Todd D. Turcotte, Project Manager

TDT/cad

Enclosures

cc: Mass. DEP/SERO – Wetlands
MassDMF
Weymouth Conservation Commission
Town of Weymouth

D:\DOC\C19600\19675.00 - No physical folder\Permitting\NOI-Dredging Back River 2022\DMF Letter - Updated.docx

LOCUS - 0 River Street, Weymouth

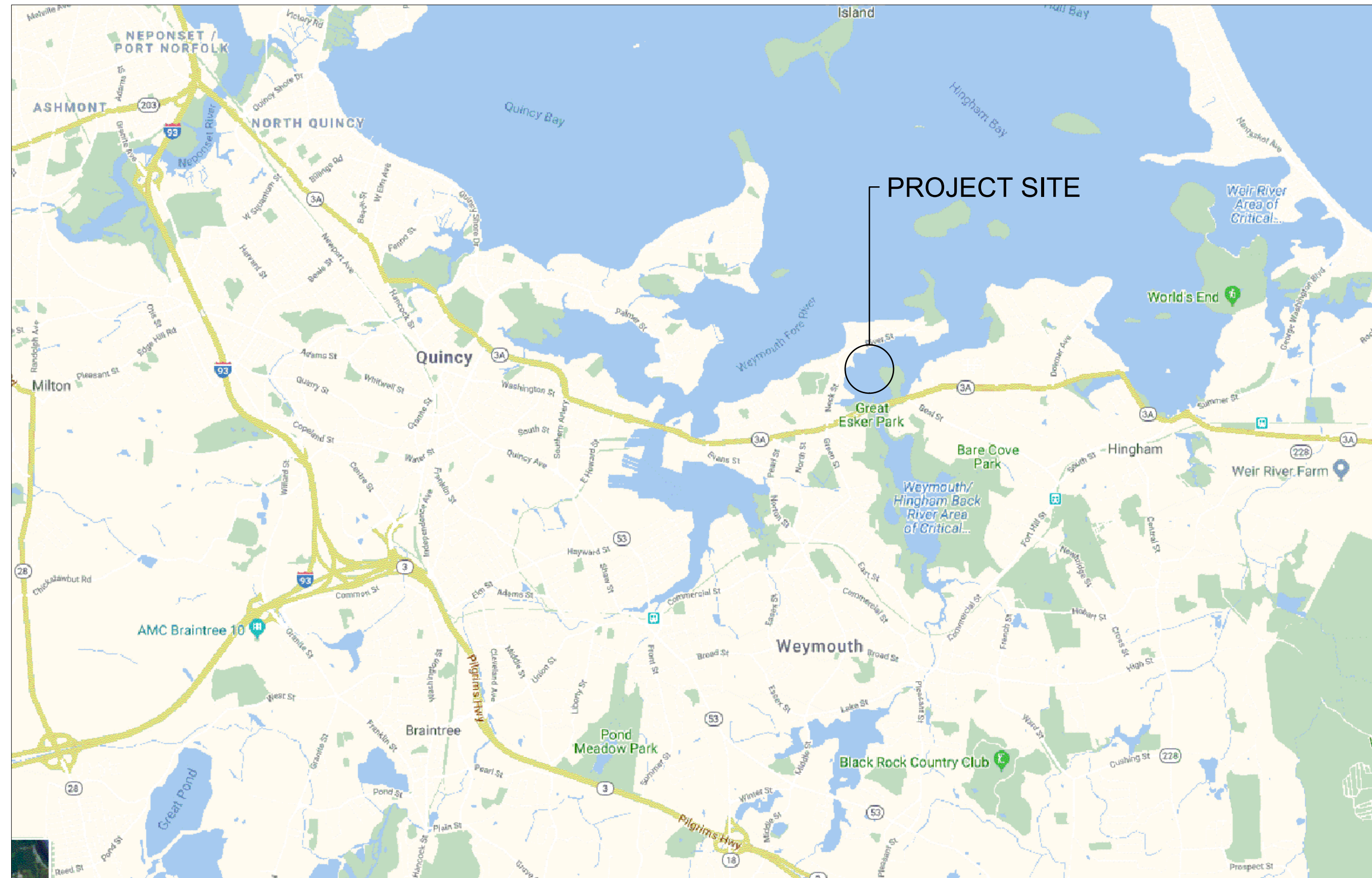
Property Tax Parcels



C19675.00/Town of Weymouth
0 River Street, Weymouth
Map 2 Parcel 3-5
42°15'6.40"N 70°56'10.69"W

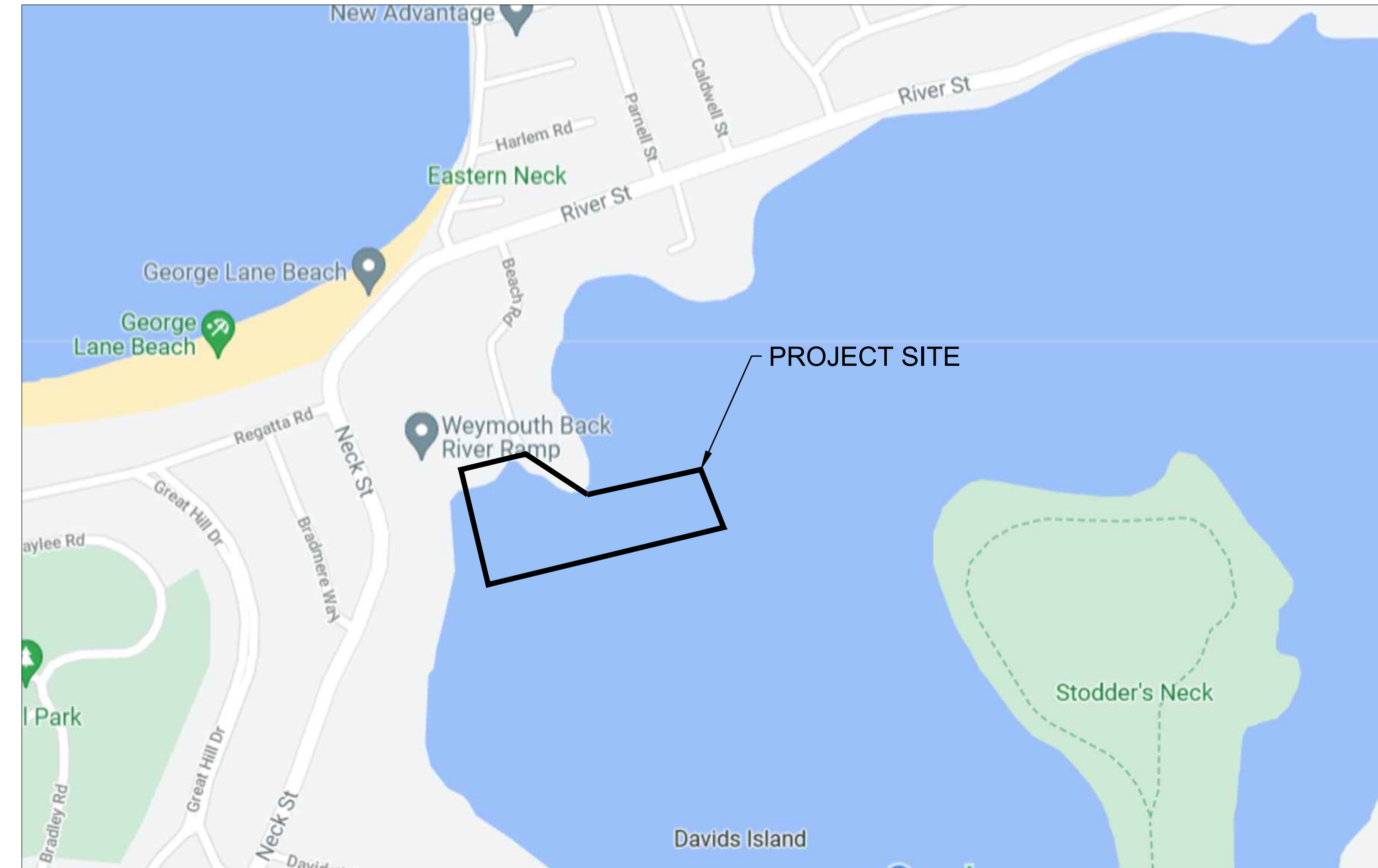
MAINTENANCE DREDGING

WEYMOUTH BACK RIVER WEYMOUTH, MA



SITE VICINITY MAP

SCALE: N.T.S.



SITE LOCATION MAP

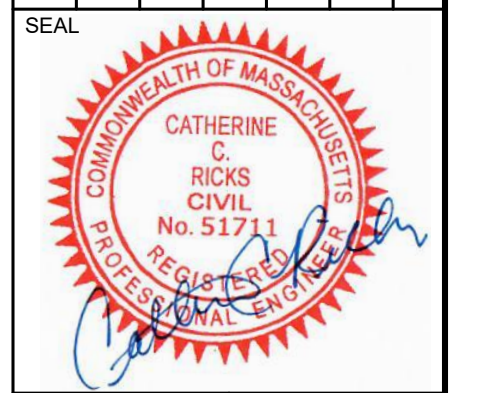
SCALE: 1" = 100'

SHEET INDEX

SHEET	DESCRIPTION	DATE
G-001	COVER, SHEET INDEX, LOCATION & VICINITY MAPS	10-28-2022
C-101	SITE PLAN EXISTING CONDITIONS	10-28-2022
C-102	SITE PLAN PROPOSED MAINTENANCE DREDGING	10-28-2022
C-301	CROSS SECTIONS	10-28-2022
C-501	NOTES AND DETAILS	10-28-2022

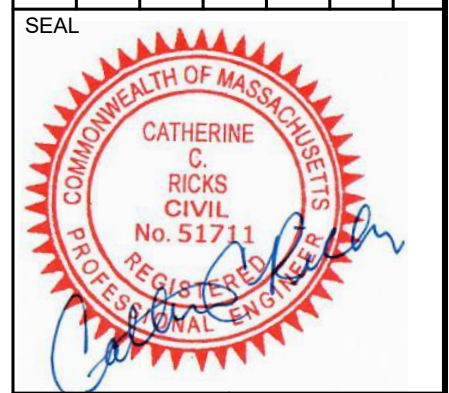
PREPARED FOR: TOWN OF WEYMOUTH
PREPARED BY: COASTAL ENGINEERING COMPANY, INC.

NO.	DATE	REVISION	BY

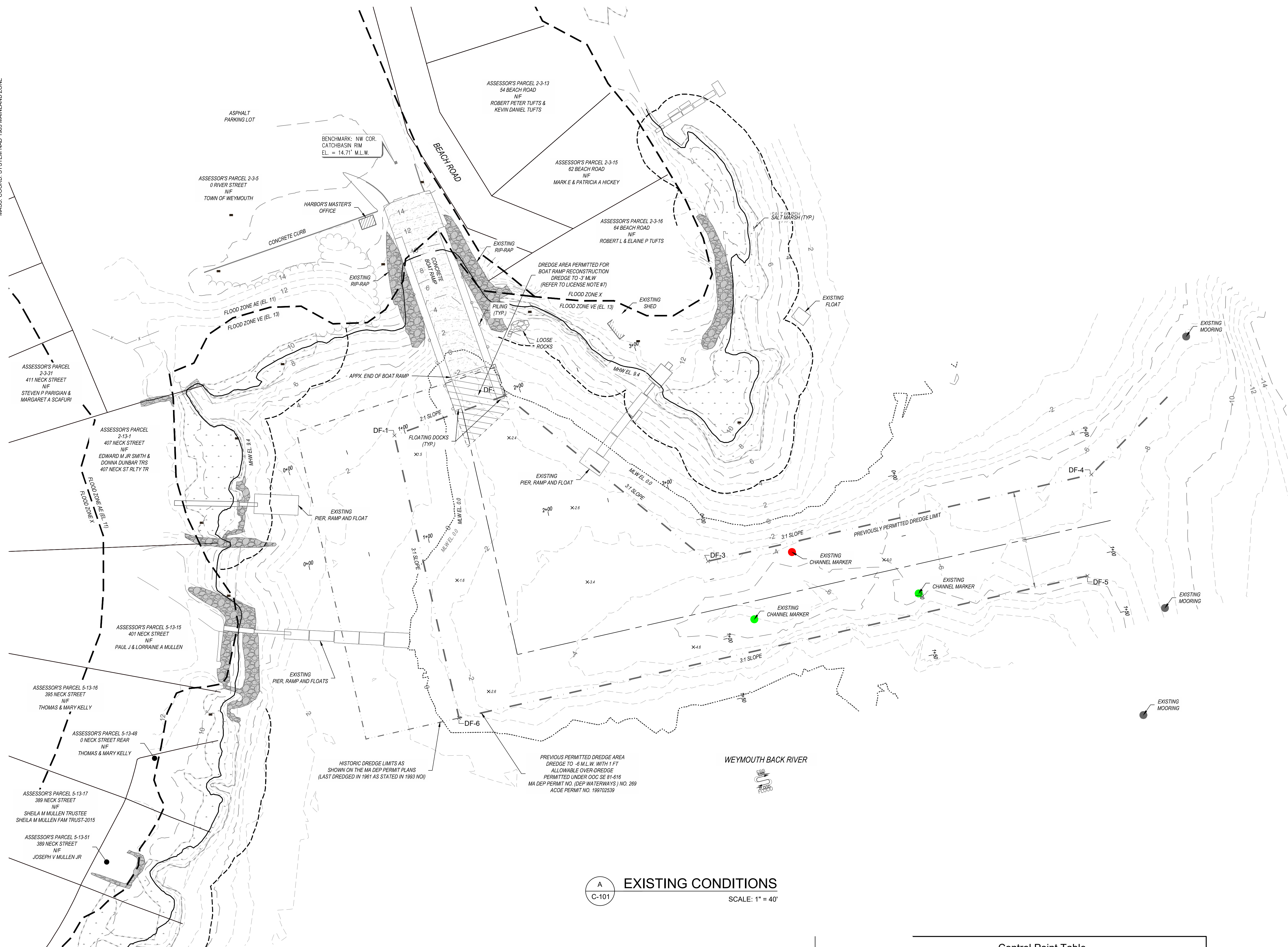


PROJECT	TOWN OF WEYMOUTH
	MAINTENANCE DREDGING
SHEET TITLE	WEYMOUTH, MA
	COVER, SHEET INDEX, LOCATION AND VICINITY MAP
SCALE	AS NOTED
DRAWING FILE	C19675-00-Marine.dwg
DATE	10-28-2022
DRAWN BY	MJT
CHECKED BY	CCR
G-001	
1 OF 5 SHEETS	
PROJECT NO.	C19675.00

NO.	DATE	REVISION	BY



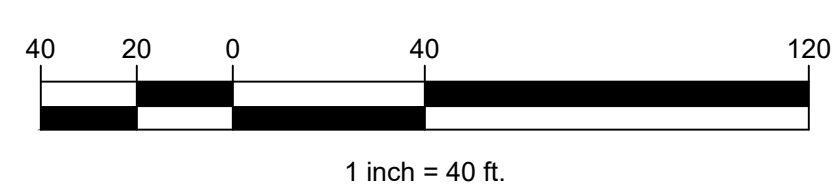
PROJECT	TOWN OF WEYMOUTH
SCALE	AS NOTED
DRAWING FILE	C19675-00-Marine.dwg
DATE	10/28/2022
DRAWN BY	MJT
CHECKED BY	CCR
PROJECT NO.	C19675.00
SHEET TITLE	0 RIVER STREET SITE PLAN EXISTING CONDITION
LOCATION	WEYMOUTH, MA
SHEET NO.	C-101
TOTAL SHEETS	2 OF 5

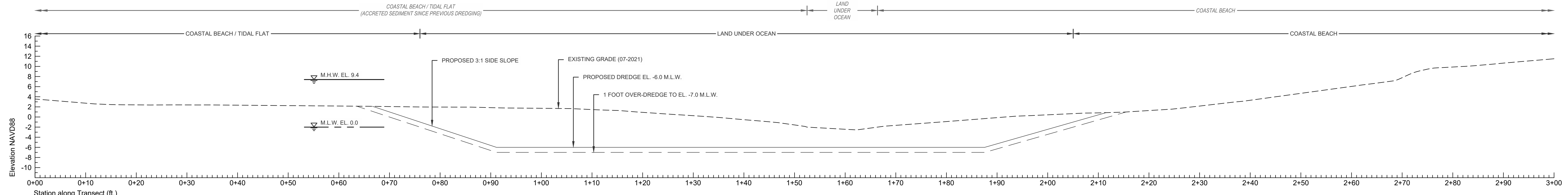


EXISTING CONDITIONS
SCALE: 1" = 40'

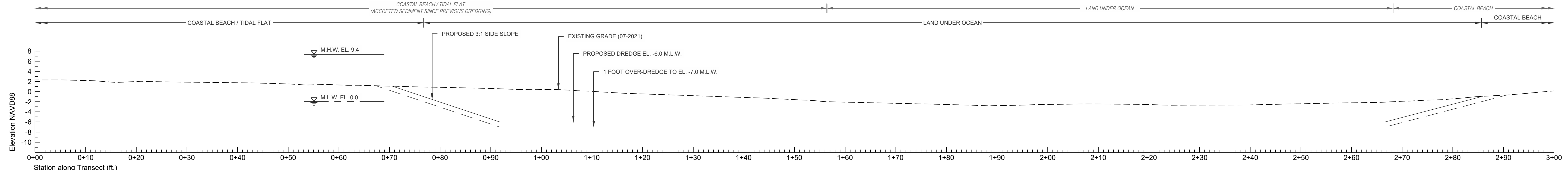
THIS DRAWING IS PREPARED FOR PERMITTING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. CONTRACTOR SHALL OBTAIN FINAL CONSTRUCTION DETAILS FROM THE ENGINEER PRIOR TO PREPARATION OF CONSTRUCTION BID AND BEFORE BEGINNING ANY WORK.

Raw Description	Northing	Easting	Latitude	Longitude
DF-1	2917171.8115	808754.1142	N042° 15' 05.34"	W070° 56' 11.03"
DF-2	2917204.4250	808844.8486	N042° 15' 05.66"	W070° 56' 09.82"
DF-3	2917069.0863	809010.0331	N042° 15' 04.31"	W070° 56' 07.63"
DF-4	2917139.8476	809322.9260	N042° 15' 04.99"	W070° 56' 03.46"
DF-5	2917057.1283	809319.8348	N042° 15' 04.17"	W070° 56' 03.51"
DF-6	2916941.1040	808806.8382	N042° 15' 03.06"	W070° 56' 10.34"

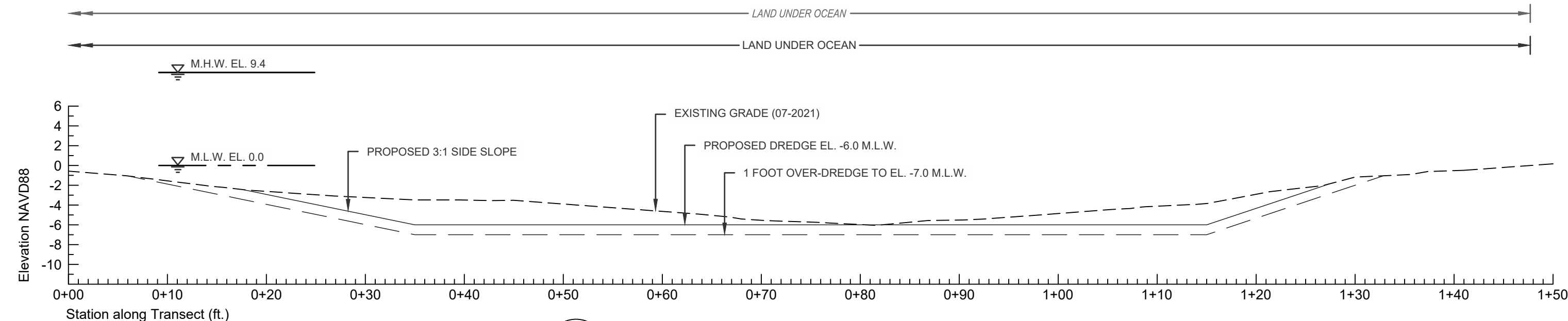




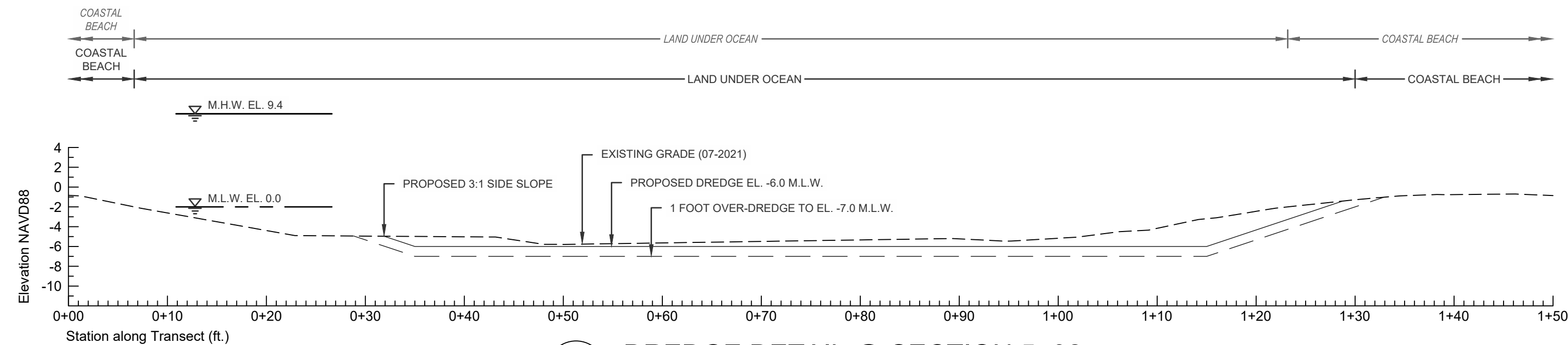
A
C-301
DREDGE DETAIL @ SECTION 0+00
SCALE: 1" = 10'



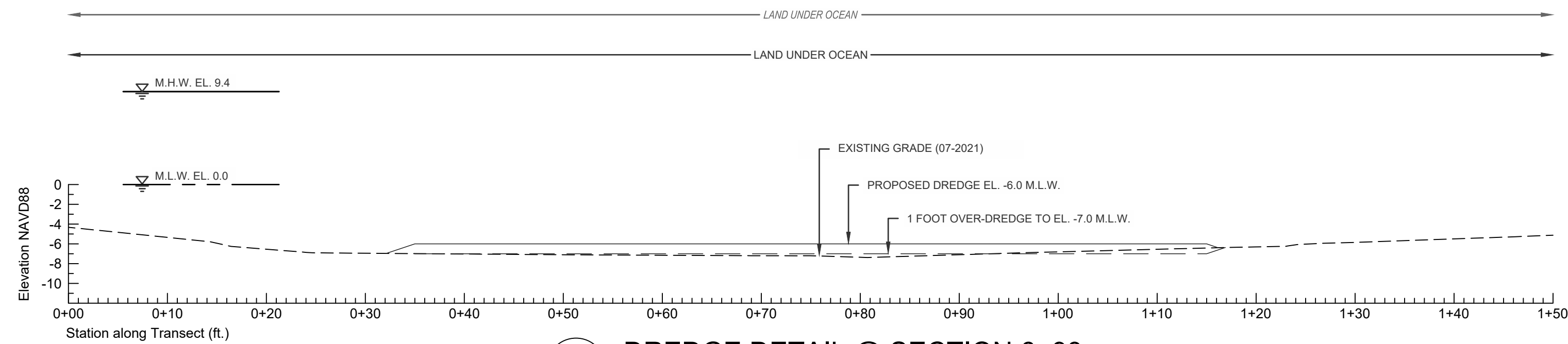
B
C-301
DREDGE DETAIL @ SECTION 0+97
SCALE: 1" = 10'



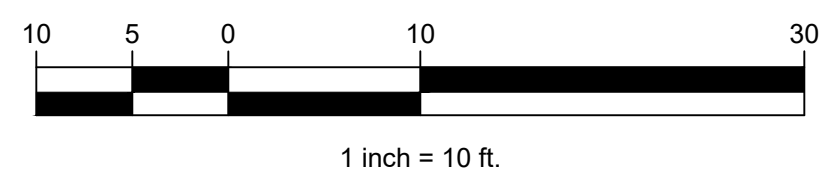
C
C-301
DREDGE DETAIL @ SECTION 3+72
SCALE: 1" = 10'



D
C-301
DREDGE DETAIL @ SECTION 5+32
SCALE: 1" = 10'

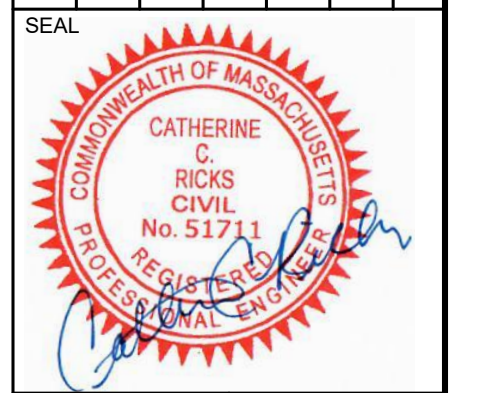


E
C-301
DREDGE DETAIL @ SECTION 6+93
SCALE: 1" = 10'



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BY	
REVISION	
DATE	
NO.	



PROJECT: TOWN OF WEYMOUTH
0 RIVER STREET
SHEET TITLE: CROSS SECTIONS
WEYMOUTH, MA

SCALE	AS NOTED
DRAWING FILE	C19675-00-Marine.dwg
DATE	10-28-2021
DRAWN BY	MJT
CHECKED BY	CCR

C-301
4 OF 5 SHEETS
PROJECT NO. C19675.00

GENERAL NOTES

- VERTICAL DATUM IN U.S. SURVEY FEET REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED UPON THE HEXAGON SMARTNET RTK NETWORK.
- THE PROPERTY IS LOCATED IN THE TOWN OF BARNSTABLE, MA ALONG THE NANTUCKET SOUND AND IS REFERENCED BY:
ASSESSORS PARCEL 2-3-5
- FLOOD ZONE: THE PROPERTY AND PROPOSED WORK IS LOCATED IN FLOOD ZONES AS INDICATED ON THE DRAWINGS. ALL FLOOD ELEVATIONS ARE REFERENCED TO NAVD 1988 (MSL) FLOOD ZONE VE (EL. 13), ZONE AE (EL. 11), ZONE AE (EL. 12), AND ZONE X SHOWN ON THIS DRAWING ARE A DIRECT REPRESENTATION OF THE GRAPHIC FLOOD ZONE BOUNDARIES SHOWN ON FEMA FIRM PANEL:

FIRM PANEL #25021C0093E, EFFECTIVE JULY 17, 2012

PLEASE NOTE THAT SITE SPECIFIC FLOODPLAIN BOUNDARIES MAY VARY DUE TO DIFFERENT INTERPRETATIONS OF THESE BOUNDARIES. USERS ARE ADVISED TO VERIFY LOCATION OF THESE BOUNDARIES WITH THE DESIGNATED COMMUNITY FLOODPLAIN MANAGERS AND/OR FEMA PRIOR TO SITING ANY PROPOSED STRUCTURES.
- THE HYDROGRAPHIC SURVEY DATA AS ON THIS PLAN WAS COLLECTED ON JULY 17, 2021, BY COASTAL ENGINEERING COMPANY AND ONLY REPRESENTS THE SEA FLOOR DEPTH AS IT EXISTED DURING THE TIME OF THE SURVEY.
- THE TOPOGRAPHIC SURVEY AND HYDROGRAPHIC SURVEYS PREPARED BY COASTAL ENGINEERING COMPANY REPRESENTED ARE IN REFERENCED TO MEAN LOW WATER (MLW) CALCULATED FROM THE NAVD 88 AND REFERENCE NOAA STATION AS INDICATED ON THE DRAWINGS.
- THIS SURVEY HAS BEEN PERFORMED WITHOUT THE BENEFIT OF A TITLE SEARCH AND MAY NOT REVEAL ANY FACTS THAT WOULD BE DISCLOSED BY ONE.
- PROPERTY LOT LINES SHOWN WERE DEVELOPED FROM GIS INFORMATION, NOT SURVEYED, AND SHOWN RELATIVE INFORMATION ONLY.

LICENSING NOTE:

- THE EXISTING RAMP, FLOATS, AND RIP-RAP ALONG THE RAMP LICENSED UNDER MA DEP C91 LIC. NO. 2865

PROPOSED MAINTENANCE DREDGING NOTES:

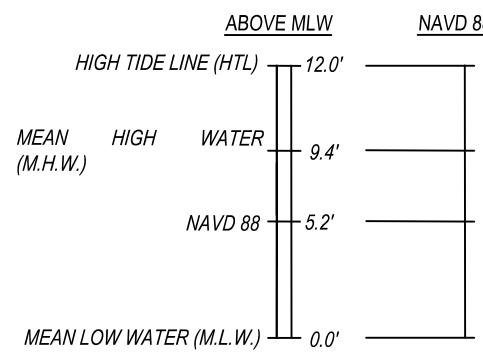
- PROPOSED DREDGE DEPTH = -6FT MLW
- PROPOSED 1-FOOT ALLOWABLE OVER-DREDGE TO -7 FT MLW
- PROPOSED DREDGE FOOTPRINT AREA = 71,987 S.F. = 1.65 ACRES (NOTE: SIDE SLOPES NOT INCLUDED)
- PROPOSED DREDGE VOLUME (GRADE) = 7,900± CUBIC YARDS
- PROPOSED DREDGE VOLUME (OVER-DREDGE) = 11,100± CUBIC YARDS

SEDIMENT SAMPLING NOTES:

- (8) CORE SEDIMENT SAMPLES ARE PROPOSED TO A DEPTH OF -8FT MLW 1-FOOT BELOW THE ALLOWABLE OVER-DREDGE DEPTH OF -7FT MLW.
- THE PROPOSED SAMPLES SHALL BE COMBINED INTO (3) COMPOSITE SAMPLES AS SPECIFIED BELOW:
 - COMPOSITE-1: P-WBR-1, P-WBR-2, P-WBR-3
 - COMPOSITE-2: P-WBR-4, P-WBR-5, P-WBR-6
 - COMPOSITE-3: P-WBR-7, P-WBR-8

DATUM:

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

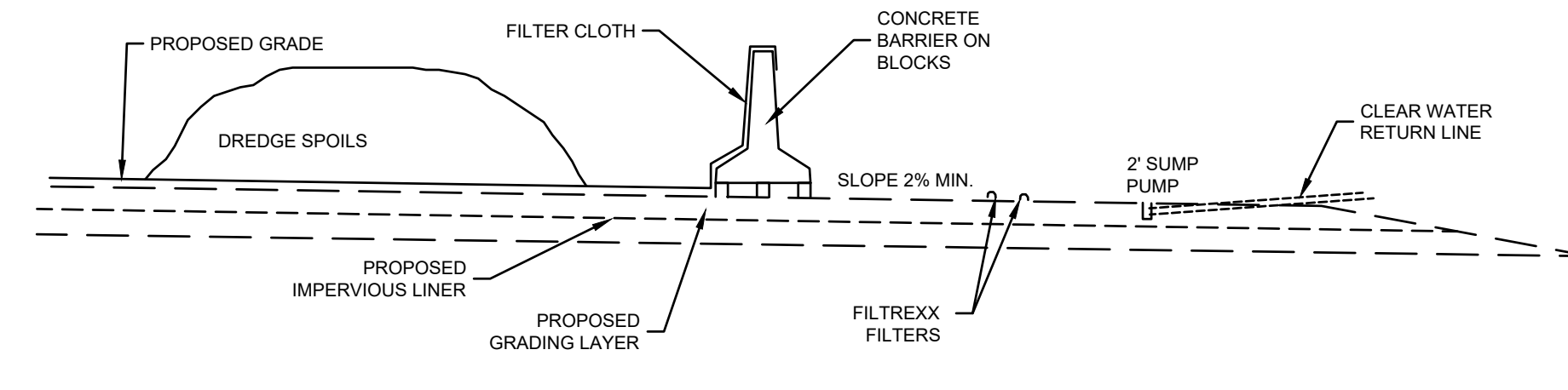
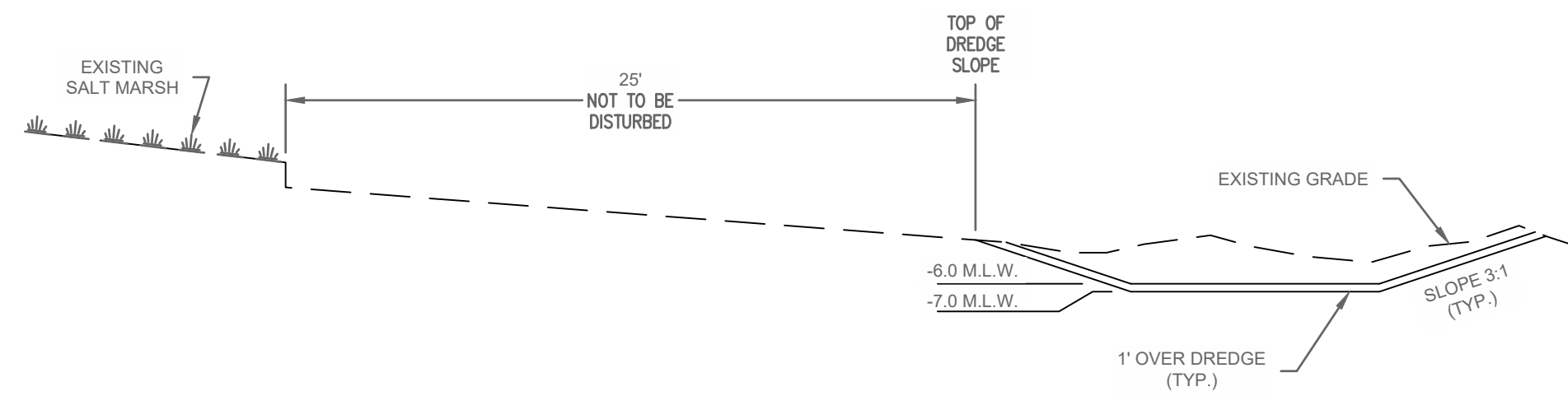
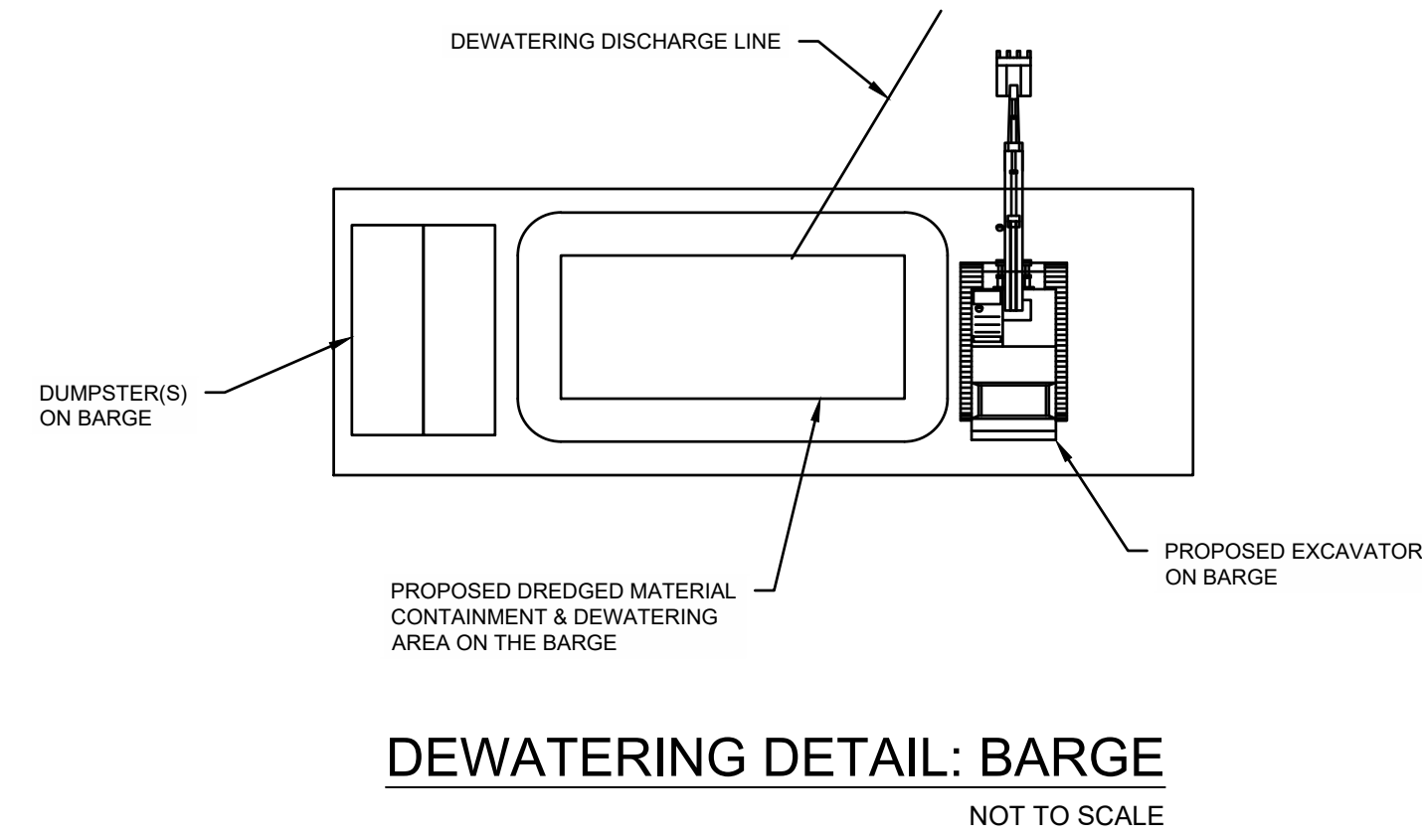


DATUM PROFILE

REF: NOAA VDATUM 08-13-2021
REF: BUZZARDS BAY NATIONAL ESTUARY PROGRAM

LEGEND

- EXISTING**
- BOUND
 - CATCH BASIN
 - CORE SAMPLE LOCATION
 - SALT MARSH
 - EDGE OF VEGETATION
 - CONTOUR
 - LIMIT OF PREVIOUSLY PERMITTED DREDGE FOOTPRINT
- PROPOSED**
- CONTOUR
 - CORE SAMPLE LOCATION
 - LIMIT OF WORK / SILT CURTAIN



NO.	DATE	REVISION	BY



PROJECT	TOWN OF WEYMOUTH
0 RIVER STREET	WEYMOUTH, MA
SHEET TITLE	NOTES AND DETAILS
SCALE	AS NOTED
DRAWING FILE	C19675-00-Marine.dwg
DATE	10-28-2022
DRAWN BY	MJT
CHECKED BY	CCR
PROJECT NO.	C-501
OF SHEETS	3
PROJECT NO.	C19675.00

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