



Connecticut Department of Energy and Environmental Protection License*

Structures, Dredging & Fill and Tidal Wetlands Permit
Section 401 Water Quality Certification

Licensee(s): Town of Stonington

Licensee Address(s): 152 Elm Street
Stonington, CT 06378

License Number(s): 202403575-SDFTW

Municipality: Stonington

Project Description: Development of waterfront property for public access

Project Address/Location: 125-129 Greenmanville Avenue

Waters: Mystic River

Authorizing CT Statute(s) and/or Federal Law: CGS Section 22a-28 to 35; CGS Section 22a-359 to 363g; Section 401 CWA (33 USC 1341)

Applicable Regulations of CT State Agencies: 22a-30-1 to 17, 22a-426-1 to 9

Agency Contact: Land & Water Resources Division,
Bureau of Water Protection & Land Reuse, 860-424-3019

License Expiration: Five (5) years from the date of issuance of this license.

Project Site Plan Set: Twelve (12) pages of site plans titled “*Waterfront Improvements Mystic River Boathouse Park*” prepared by Race Coastal Engineering on February 16, 2024, sheets 6 & 8-12 revised on July 12, 2024 and sheets 5 & 7 revised on October 23, 2024; and one (1) draft sheet prepared by AECOM titled “*Mystic River Boathouse Park,*” drawing number C-201 “*Site Remediation Sections and Details*” dated July 31, 2023 detailing the living shoreline design.

*Connecticut’s Uniform Administrative Procedure Act defines License to include, “*the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . .*”

License Enclosures: LWRD General Conditions; Land Record Filing; Site Plan Set;
LWRD Work Commencement Form; LWRD Compliance
Certification Form

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 202403575 and as depicted on any site plan sheets / sets cited herein:

1. Install and maintain a turbidity curtain around active work areas.
2. Install and grade a clean soil cap in which approximately 220 CY of material will be placed over 5900 SF waterward of the CJL at a range of -1.0' NAVD88 to 3.0' NAVD88.
3. Install a riprap apron (16.5 SF) and 12" outfall at elevation 2.5' NAVD88 on south end of site slightly landward of CJL.
4. Install a new crew dock that includes:
 - a. a 57' x 10' fixed pier with a top of deck elevation of 6.33' NAVD88 supported by 10 piles with a concrete foundation at the landward end,
 - b. a 30' x 9' gangway with two support piles near the waterward end, and
 - c. a 140' x 10' (1400 SF) low-profile floating dock anchored by helical anchors or concrete anchor blocks and using an elastic rode system to provide clearance off substrate at low tide.
5. Install a new public dock that includes:
 - a. a 42' x 6' fixed pier with a top of deck elevation of 6' NAVD88 supported by 8 piles with a concrete foundation at the landward end,
 - b. a 30' x 4' gangway, and
 - c. a 30' x 8' (240 SF) floating dock with four (4) anchor piles.
6. Install a new 64' x 8' boat launch ramp by:
 - a. installing 155 LF of temporary sheet pile cofferdam and dewatering basin on the waterward terminus of the cofferdam,
 - b. installing temporary marsh mats, as needed, to protect existing tidal vegetation,
 - c. dewatering the work area within the temporary cofferdam with water pumps and a temporary settling basin, discharging water back into the Mystic River,
 - d. leveling the work area and placing a layer of geotextile fabric and crushed stone,
 - e. placing pre-cast planks in the 64' x 8' ramp area,
 - f. placing approximately 10 CY of riprap (over 135 SF) to form a 2' wide perimeter of scour protection around the boat ramp area,
 - g. revegetating the areas adjacent to the riprap that may have been disturbed by construction activities, and
 - h. removing the temporary cofferdam and dewatering basin.

7. Create a living shoreline by:

- a. installing temporary marsh mats to protect existing tidal vegetation from land-based work equipment and foot traffic,
- b. regrading the shoreline to a slope varying from 1:3 to 1:5.5,
- c. installing four (4) stone sills containing approximately 265CY of stone, all with a top elevation of 1.75' NAVD88:
 - i. north sill approximately 1050 SF,
 - ii. north center sill approximately 1150 SF,
 - iii. south center sill approximately 400 SF, and
 - iv. south sill approximately 450 SF,
- d. placing up to 1200 LF of mussel socks on top of coir matting, landward of the stone sills,
- e. planting 5' wide bands of *Spartina alterniflora* landward of the stone sills to create a consistent band of low marsh vegetation from mean tide to mean high water and supplementing existing *Spartina alterniflora*,
- f. planting a band of *Juncus gerardii* and *Distichlis spaiicata* along the MHW line,
- g. planting high marsh vegetation of *Spartina Patens* and *Distichlis spaiicata*, and
- h. installing approximately 520' of coir logs and woody debris anchored along elevation 2.6' NAVD88 to support existing wetland areas.

Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.

This license is subject to the following Terms and Conditions:

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. **Other Approvals.** Prior to the commencement of the work authorized herein, the Licensee shall obtain all appropriate local, state, and federal authorizations as necessary.
3. **Dewatering License.** Prior to the commencement of the work authorized herein, the Licensee shall obtain any appropriate license for dewatering pursuant to CGS section 22a-430 or 22a-6k.
4. **Water-Based Equipment.** Any barge utilized in the execution of the work authorized herein shall occur only during periods of higher water to prevent the barge from resting on, or coming into contact with, the substrate at any time.
5. **Height of Tide Restriction.** Land-based work authorized herein shall be conducted during periods of lower water to minimize sedimentation.
6. **Equipment and Stockpile Location Restriction.** At no time shall equipment or material

stockpiles be staged over or within tidal wetland(s) or submerged aquatic vegetation area(s). Equipment and stockpiles must be stored in upland areas above the Coastal Jurisdiction Line (CJL). The Licensee shall maintain appropriate erosion and sedimentation controls around stockpiles.

7. **Waste Material.** All waste material generated by the performance of the work authorized herein shall be placed by the Licensee at an upland site approved by applicable state and/or municipal regulatory authorities for the placement of such waste material, as applicable. The Licensee shall not allow any concrete, debris, or other waste to enter the Mystic River and shall immediately remove such concrete, debris, or other waste that does enter the Mystic River.
8. **Turbidity Curtain.** Prior to the commencement of work authorized herein, the Licensee shall install turbidity curtains extending from the water surface to the substrate around active work areas, including construction of the boat ramp and the rock sills for the living shoreline. The curtain shall be maintained in optimal operating condition until completion of the associated work at which time it shall be removed to an upland location. This prohibition does not include pile driving or pile drilling.
9. **Cofferdam.** Prior to the commencement of Authorized Activity #6, the Licensee shall install a cofferdam and dewatering basin to confine the work area and protect such area from flowing water. The cofferdam will be removed to an upland location following completion of work.
10. **Construction Matting.** The Licensee shall protect the existing tidal vegetation by using marsh mats or other ground protection. If needed, vegetation compromised by the mats and/or construction shall be restored in-place with supplemental plantings following construction activities.
11. **Living Shoreline Monitoring Plan.** Following completion of Authorized Activity #7, the Licensee shall conduct a minimum of a 5-year monitoring program which shall include the submission of an annual monitoring report on or before October 30th of each growing season for the Commissioner's review and comment. Such annual report shall contain at a minimum the following information: 1) remedial actions taken during the monitoring year, such as: slope stabilization, rock sill repair, coir log/matting and woody debris reinstallation, replanting of vegetation, and controlling invasive plant species; 2) visual estimates of percent cover of surviving vegetation; 3) general health and vigor of the surviving plants; 4) site photographs; and 5) measures recommended to achieve or maintain the Living Shoreline. The Licensee shall immediately implement any additional remedial recommendations that may be prescribed by the Commissioner in writing. If the Commissioner determines, following the 5-year monitoring program, that the approved restoration plan has not been successful, the Licensee shall submit for the Commissioner's review and written approval a revised plan to achieve tidal wetland restoration at this site.
12. **Fisheries Protection.** In order to protect anadromous fish migration, the following restrictions apply if pile driving is to be conducted at any time between April 1st through June 30th, inclusive, of any year:
 - a. during a 24-hour period, pile driving shall occur for no more than 12 consecutive hours;
 - b. no pile driving shall occur during the remaining 12-hour period; and

- c. there shall be no two consecutive 12-hour work periods.
- 13. **TOY Restriction.** Construction of the living shoreline rock sills shall not occur between September 1st and May 31st, inclusive, of any year to protect spawning oysters. Placement of the rock sills shall occur during periods of low water.
- 14. **Boat Ramp Restriction.** The new boat ramp authorized in Authorized Activity #6, above, shall be used to launch non-motorized vessels only.
- 15. **Public Access Signage.** The Licensee shall post and maintain public access signage for the park, boat ramp, and public dock authorized in the Authorized Activities above.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

Date

Emma Cimino
Deputy Commissioner
Department of Energy & Environmental Protection



LWRD General Conditions

- 1. Land Record Filing (for *Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only*).** The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to DEEP.LWRDRegulatory@ct.gov no later than sixty (60) days after license issuance. If a Land Record Filing form is not enclosed and the work site is not associated with an upland property, no filing is required.
- 2. Contractor Notification.** The Licensee shall give a copy of the license and its attachments to the contractor(s) who will be carrying out the authorized activities prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Licensee's contractor(s) shall conduct all operations at the site in full compliance with the license and, to the extent provided by law, may be held liable for any violation of the terms and conditions of the license. At the work site, the contractor(s) shall, whenever work is being performed, have on site and make available for inspection a copy of the license and the authorized plans.
- 3. Work Commencement¹.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to DEEP.LWRDRegulatory@ct.gov, on the Work Commencement Form attached hereto, the name(s) and address(es) of all contractor(s) employed to conduct such work and the expected date for commencement and completion of such work, if any.
 - For water diversion activities authorized pursuant to 22a-377(c)-1 of the Regulations of Connecticut State Agencies, the Licensee shall also notify the Commissioner in writing two weeks prior to initiating the authorized diversion.
 - For emergency activities authorized pursuant Connecticut General Statutes Section 22a-6k, the Licensee shall notify the Commissioner, in writing, of activity commencement at least one (1) day prior to construction and of activity completion no later than five (5) days after conclusion.
- 4. For Coastal Licenses Only - License Notice.** The Licensee shall post the first page of the License in a conspicuous place at the work area while the work authorized therein is undertaken.
- 5. Unauthorized Activities.** Except as specifically authorized, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not

¹ The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.

conduct work within wetlands or watercourses other than as specifically authorized, unless otherwise authorized in writing by the Commissioner. Tidal wetlands means “wetland” as defined by section 22a-29 and “freshwater wetlands and watercourses” means “wetlands” and “watercourses” as defined by section 22a-38.

- 6. Management of Materials.** Any materials removed from the site shall be managed in accordance with all federal, state, and local requirements, including Chapter 446K Water Pollution Control, Chapter 445 Hazardous Waste, and Chapter 446d Solid Waste of the Connecticut General Statutes.
- 7. Unconfined Instream Work.** Unless otherwise noted in a condition of the license, the following conditions apply to projects in non-coastal waters:
 - Unconfined instream work is limited to the period June 1 through September 30.
 - Confinement of a work area by cofferdam techniques using sand bag placement, sheet pile installation (vibratory method only), portadam, or similar confinement devices is allowed any time of the year. The removal of such confinement devices is allowed any time of the year.
 - Once a work area has been confined, in-water work within the confined area is allowed any time of the year.
 - The confinement technique used shall completely isolate and protect the confined area from all flowing water. The use of silt boom/curtain or similar technique as a means for confinement is prohibited.
- 8. For State Actions Only - Material or Equipment Storage in the Floodplain.** Unless approved by a Flood Management Exemption, the storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the Licensee or the Licensee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day. In accordance with the licensee's Flood Contingency Plan, the Licensee shall remove equipment and materials from the floodplain during periods when flood warnings have been issued or are anticipated by a responsible federal, state or local agency. It shall be the Licensee's responsibility to obtain such warnings when flooding is anticipated.
- 9. Temporary Hydraulic Facilities for Water Handling.** If not reviewed and approved as a part of the license application, temporary hydraulic facilities shall be designed by a qualified professional and in accordance with the *Connecticut Guidelines for Soil Erosion and Sediment Control*, the *2004 Connecticut Stormwater Quality Manual*, or the *Department of Transportation's ConnDOT Drainage Manual*, as applicable. Temporary hydraulic facilities may include channels, culverts or bridges which are required for haul roads, channel relocations, culvert installations, bridge construction, temporary roads, or detours.
- 10. Excavated Materials.** Unless otherwise authorized, all excavated material shall be staged and

managed in a manner which prevents additional impacts to wetlands and watercourses.

11. Best Management Practices. The Licensee shall not cause or allow pollution of any wetlands or watercourses, including pollution resulting from sedimentation and erosion. In constructing or maintaining any authorized structure or facility or conducting any authorized activity, or in removing any such structure or facility, the Licensee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. For purposes of the license, “pollution” means “pollution” as that term is defined by CGS section 22a-423. Best Management Practices include, but are not limited, to practices identified in the *Connecticut Guidelines for Soil Erosion and Sediment Control* as revised, *2004 Connecticut Stormwater Quality Manual*, Department of Transportation’s *ConnDOT Drainage Manual* as revised, and the Department of Transportation Standard Specifications as revised.

12. In-Water Work Vessel Staging and Storage. (for Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only). For any barge, vessel, skiff or floating work platform (“work vessels”) utilized in the execution of the work authorized herein, the Licensee shall ensure that such work vessels:

- do not rest on, or come in contact with, the substrate at any time, unless specifically authorized in the license.
- are not stored over intertidal flats, submerged aquatic vegetation or tidal wetland vegetation or in a location that interferes with navigation. In the event any work vessel is grounded, no dragging or prop dredging shall occur to free it.

13. Work Site Restoration. Upon completion of any authorized work, the Licensee shall restore all areas temporarily impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.

14. Inspection. The Licensee shall allow any representative of the Commissioner to inspect the project location at reasonable times to ensure that work is being or has been conducted in accordance with the terms and conditions of this license.

15. Change of Use. (Applies only if a use is specified within the License “Project Description”)

- a. The work specified in the license is authorized solely for the purpose set forth in the license. No change in purpose or use of the authorized work or facilities as set forth in the license may occur without the prior written approval of the Commissioner. The Licensee shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this license, request permission from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.
- b. A change in the form of ownership of any structure authorized herein from a rental/lease commercial marina to a wholly-owned common interest community or dockominium may constitute a change in purpose as specified in paragraph (a) above.

16. De Minimis Alteration. The Licensee shall not deviate from the authorized activity without prior written approval from the Commissioner. The Licensee may request a de minimis change

to any authorized structure, facility, or activity. A de minimis alteration means a change in the authorized design, construction or operation that individually and cumulatively has minimal additional environmental impact and does not substantively alter the project as authorized.

- For diversion activities authorized pursuant to 22a-377(c)-2 of the Regulations of Connecticut State Agencies, a de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

17. Extension Request. The Licensee may request an extension of the license expiration date. Such request shall be in writing and shall be submitted to DEEP.LWRDRegulatory@ct.gov at least thirty (30) days prior to the license expiration. Such request shall describe the work done to date, what work still needs to be completed, and the reason for such extension. The Commissioner may extend the expiration date of this license for a period of up to one year, in order for the Licensee to complete the authorized activities. It shall be at the Commissioner's sole discretion to grant or deny such request. No more than three (3) one-year extensions will be granted under this license.

18. Compliance Certification². Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to DEEP.LWRDRegulatory@ct.gov, the attached Compliance Certification Form. Such Compliance Certification shall be completed, signed, and sealed by the Licensee and a Connecticut Licensed Design Professional. If non-compliance is indicated on the form, or the Commissioner has reason to believe the activities and/or structures were conducted in non-compliance with the license, the Commissioner may require the Licensee to submit as-built plans as a condition of this license.

19. Maintenance. The Licensee shall maintain all authorized structures or work in optimal condition or shall remove such structures or facility and restore the affected waters to their pre-work condition. Any such maintenance or removal activity shall be conducted in accordance with applicable law and any additional approvals required by law.

20. No Work After License Expiration. Work conducted after the license expiration date is a violation of the license and may subject the licensee to enforcement action, including penalties, as provided by law.

21. License Transfer. The license is not transferable without prior written authorization of the Commissioner. A request to transfer a license shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Licensee's obligations under the license shall not be affected by the passage of title to the license site to any other person or municipality until such time as a transfer is approved by the Commissioner.

22. Document Submission. Any document required to be submitted to the Commissioner under the license or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:

DEEP.LWRDRegulatory@ct.gov or

² The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.

Regulatory Section
Land & Water Resources Division
Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127
860-424-3019

- 23. Date of Document Submission.** The date of submission to the Commissioner of any document required by the license shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under the license, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in the license, the word “day” as used in the license means calendar day. Any document or action which is required by the license to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
- 24. Certification of Documents.** Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under the license shall be signed by the Licensee and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: “I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.”
- 25. Accuracy of Documentation.** In evaluating the application for the license, the Commissioner has relied on information and data provided by the Licensee and on the Licensee’s representations concerning site conditions, design specifications and the proposed work, including but not limited to representations concerning the commercial, public or private nature of the work or structures, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, the license may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.
- 26. Limits of Liability.** In granting the license, the Commissioner has relied on all representations of the Licensee, including information and data provided in support of the Licensee’s application. Neither the Licensee’s representations nor the issuance of the license shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.
- 27. Reporting of Violations.** In the event that the Licensee becomes aware that they did not or may not comply, or did not or may not comply on time, with any provision of this license or

of any document incorporated into the license, the Licensee shall immediately notify the agency contact specified within the license and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the agency contact, the Licensee shall provide, for the agency's review and written approval, a report including the following information:

- a. the provision(s) of the license that has been violated;
- b. the date and time the violation(s) was first observed and by whom;
- c. the cause of the violation(s), if known;
- d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
- e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
- f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented; and
- g. the signatures of the Licensee and of the individual(s) responsible for actually preparing such report.

If the violation occurs outside of normal business hours, the Licensee shall contact the Department of Energy and Environmental Protection Emergency Dispatch at 860-424-3333. The Licensee shall comply with any dates which may be approved in writing by the Commissioner.

- 28. Revocation/Suspension/Modification.** The license may be revoked, suspended, or modified in accordance with applicable law.
- 29. Other Required Approvals.** License issuance does not relieve the Licensee of their obligations to obtain any other approvals required by applicable federal, state and local law.
- 30. Rights.** The license is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.
- 31. Condition Conflicts.** In the case where a project specific special condition listed on the license differs from, or conflicts with, one of the general conditions listed herein, the project specific special condition language shall prevail. It is the licensee's responsibility to contact the agency contact person listed on the license for clarification if needed prior to conducting any further regulated activities.



Land Record Filing*

To: DO NOT FILE

Signature and

NOTE: Due to the electronic delivery of this license and the legal requirement to have a live signature on this document, the “Land Record Filing” as detailed in General Condition #1 will be sent to the Licensee via U.S. Mail for the Licensee to file with the city/town clerk.

Date:

Subject: _____
License # _____

If you have any questions pertaining to this matter, please contact the Land & Water Resources Division at 860-424-3019.

Return to:

~~Land & Water Resources Division~~
~~State of Connecticut~~
~~Department of Energy & Environmental Protection~~
~~79 Elm Street~~
~~Hartford, CT 06106-5127~~

*The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance.

TOWN OF STONINGTON WATERFRONT IMPROVEMENTS

DRAWING LIST	
DWG No.	DRAWING TITLE
1	TITLE SHEET & GENERAL NOTES
2	VICINITY MAP
3	TAX ASSESSOR'S MAP
4	EXISTING SITE PLAN
5	PROPOSED SITE PLAN
6	PROPOSED PARTIAL PLAN EAST
7	PROPOSED PARTIAL PLAN WEST
8	EXISTING & PROPOSED SECTION A
9	EXISTING & PROPOSED SECTION B
10	EXISTING & PROPOSED SECTION C
11	EXISTING & PROPOSED SECTION D
12	EXISTING & PROPOSED SECTION E

PROJECT TIDAL ELEVATIONS (NAVD 88)	
DATUM	ELEVATION (FT)
HIGH TIDE LINE (HTL)	+2.5
COASTAL JURISDICTION LINE (CJL)	+2.0
MEAN HIGHER HIGH WATER (MHHW)	+1.1
MEAN HIGH WATER (MHW)	+0.8
NAVD 88	0.0
NGVD 29	-1.0
MEAN LOW WATER (MLW)	-1.8
MEAN LOWER LOW WATER (MLLW)	-1.9

GENERAL NOTES

- THE PURPOSE OF THESE DRAWINGS ARE FOR REGULATORY REVIEW ONLY.
- VICINITY MAP TAKEN FROM USGS TOPOGRAPHIC MAP OLD MYSTIC QUADRANGLE, CONNECTICUT - NEW LONDON CO., 7.5 MINUTE SERIES, OLD MYSTIC, CT 2021 AND MYSTIC QUADRANGLE, CONNECTICUT - NEW YORK - RHODE ISLAND, 7.5 MINUTE SERIES, MYSTIC, CT, NY, RI 2021.
- ELEVATIONS REFERENCE NORTH AMERICAN VERTICAL DATUM OF 1988, UNLESS NOTED OTHERWISE.
- EXISTING SITE INFORMATION TAKEN FROM A DRAWING TITLED "IMPROVEMENT LOCATION SURVEY", PREPARED FOR THE TRUST FOR PUBLIC LAND, PREPARED BY STADIA ENGINEERING ASSOCIATES, INC., DATED 1 DEC 2016, AND REVISED ON 17 JAN 2017.
- UPLAND IMPROVEMENTS TAKEN FROM A DRAWING TITLED "SITE IMPROVEMENTS PLAN", PREPARED FOR MYSTIC RIVER BOATHOUSE PARK, PREPARED BY KENT + FROST, PHASE ZERO DESIGN, AECOM ENVIRONMENT, WESTON & SAMPSON ENGINEERS, INC, AND FIRST WATER ENGINEERING, LLC, DATED MARCH 24, 2023.
- LIVING SHORELINE INFORMATION SHOWN TAKEN FROM A DRAWING TITLED "SITE TOPOGRAPHY AND PROPOSED FINAL GRADES", PREPARED FOR MYSTIC RIVER BOATHOUSE, PREPARED BY AECOM ENVIRONMENT, DATED 3-1-2023
- SUPPLEMENTARY INFORMATION OBTAINED BY RACE COASTAL ENGINEERING, INC. ON 9-8-2023 AND ONLY REPRESENT THE SITE CONDITIONS AT THAT TIME.
- TIDAL ELEVATION DATA HAS BEEN TAKEN FROM BENCH MARK SHEET FOR WEST MYSTIC RIVER, CT 8460751 FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION TIDES AND CURRENTS WEBSITE.



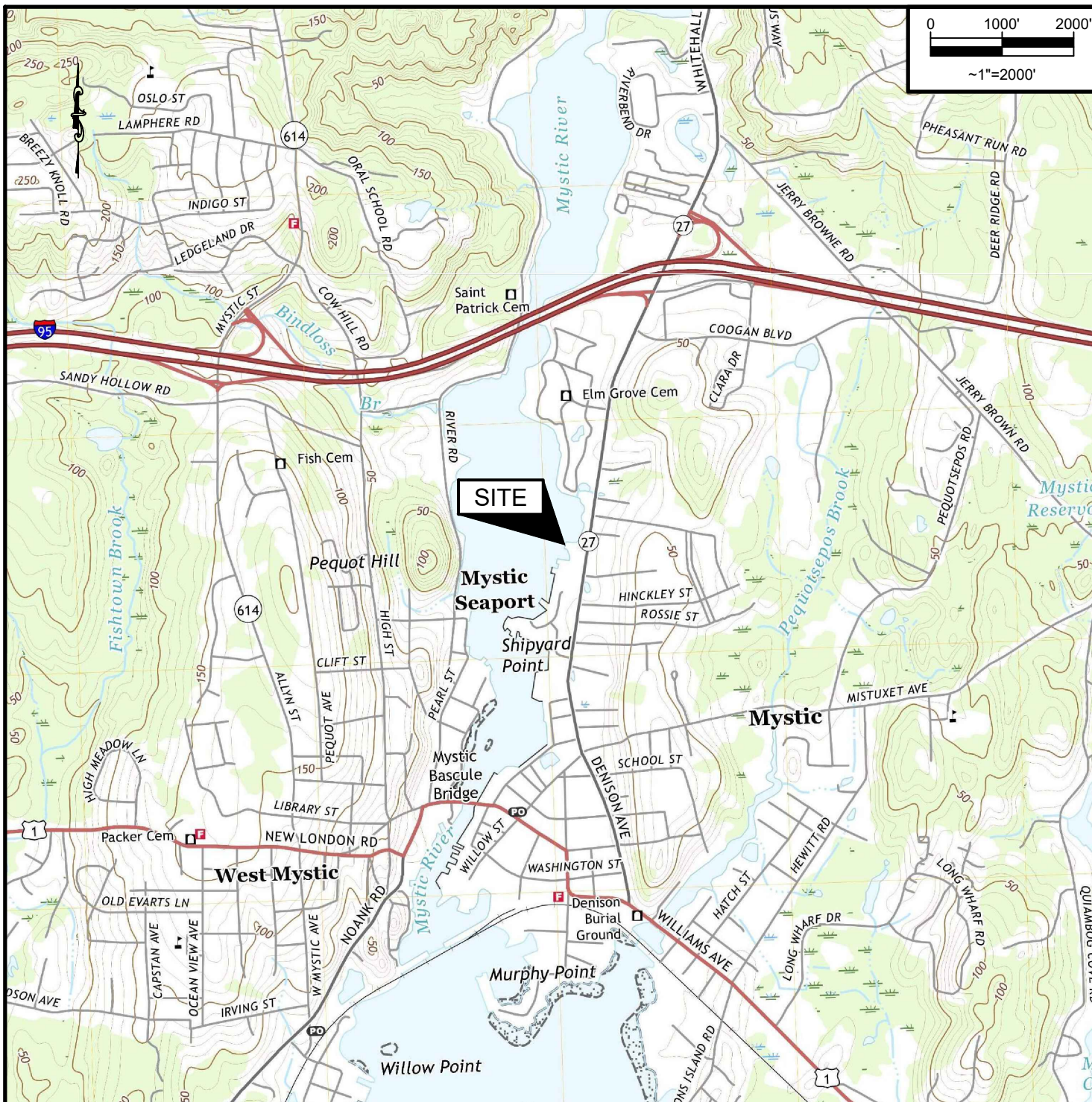
Prepared For:
TOWN OF STONINGTON
152 ELM STREET
STONINGTON, CT 06378

Project: WATERFRONT IMPROVEMENTS
MYSTIC RIVER BOATHOUSE PARK
125-129 GREENMANVILLE AVENUE
MYSTIC, CT 06355


SEAL:

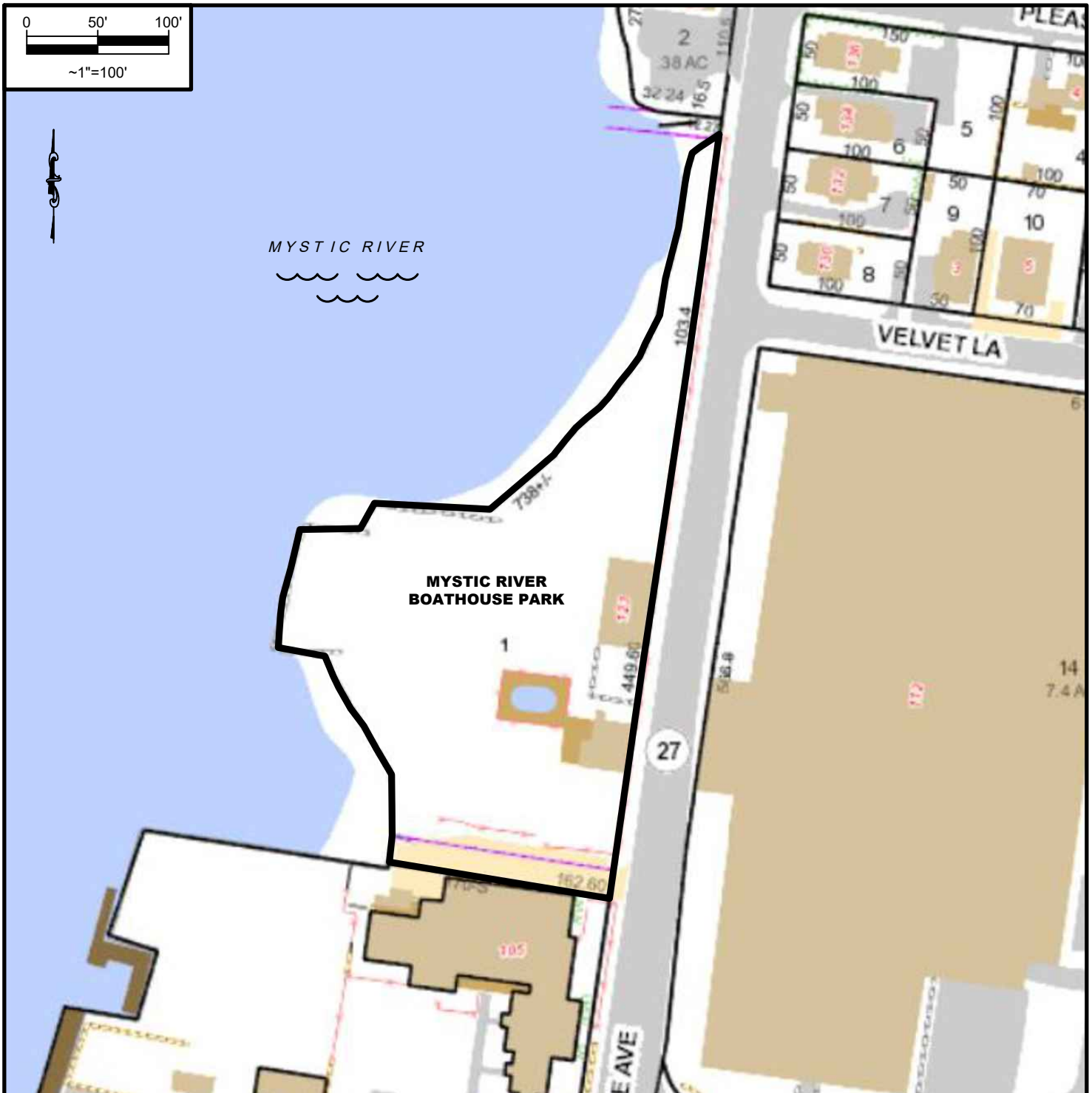


Date:	2-16-2024	Rev.:	
Drawn By:	CLW	Checked By:	MRR
Datum:	NAVD 88	Scale:	N/A
Project No.:	2023108	Drawing No.:	1 of 12



VICINITY MAP

 <p>611 Access Road Stratford, CT 06615 Tel: 203-377-0663 racecoastal.com</p>	Prepared For: TOWN OF STONINGTON 152 ELM STREET STONINGTON, CT 06378	SEAL: 	Date:	Rev.:
	Project: WATERFRONT IMPROVEMENTS MYSTIC RIVER BOATHOUSE PARK 125-129 GREENMANVILLE AVENUE MYSTIC, CT 06355		2-16-2024	
			Drawn By:	Checked By:
			CLW	MRR
			Datum:	Scale:
	NAVD 88	~1"=2000'		
	Project No.:	Drawing No.:		
	2023108	2 of 12		



TAX ASSESSOR'S MAP



611 Access Road Stratford, CT 06615
Tel: 203-377-0663 racecoastal.com

Prepared For:

TOWN OF STONINGTON
152 ELM STREET
STONINGTON, CT 06378

Project:

WATERFRONT IMPROVEMENTS
MYSTIC RIVER BOATHOUSE PARK
125-129 GREENMANVILLE AVENUE
MYSTIC, CT 06355

SEAL:



Date:

2-16-2024

Rev.:

Drawn By:

CLW

Checked By:

MRR

Datum:

NAVD 88

Scale:

~1"=100'

Project No.:

2023108

Drawing No.:

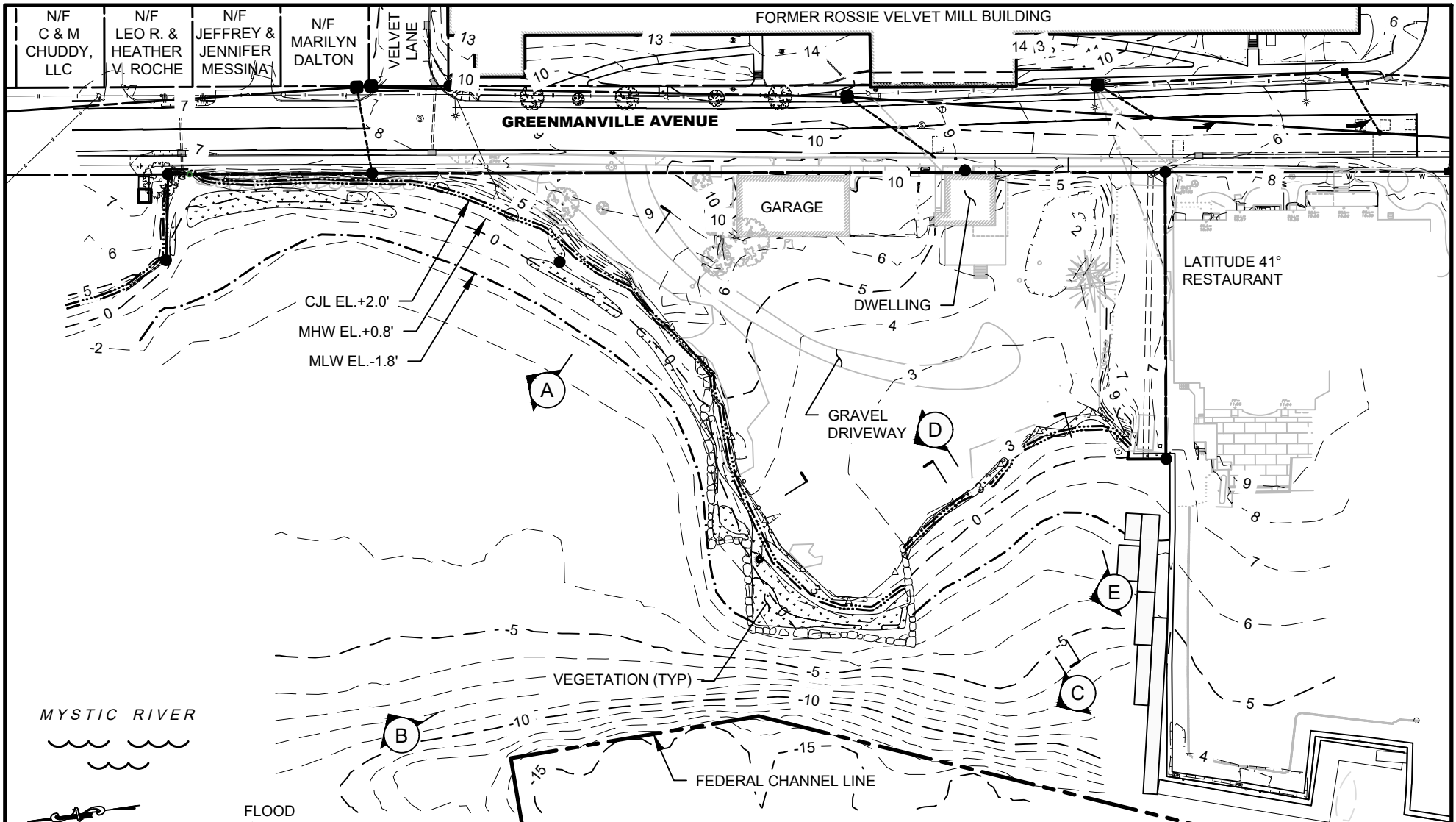
3 of 12

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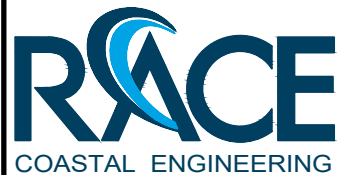
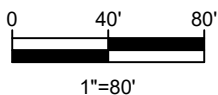
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EXISTING PLAN



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152 ELM STREET
STONINGTON, CT 06378

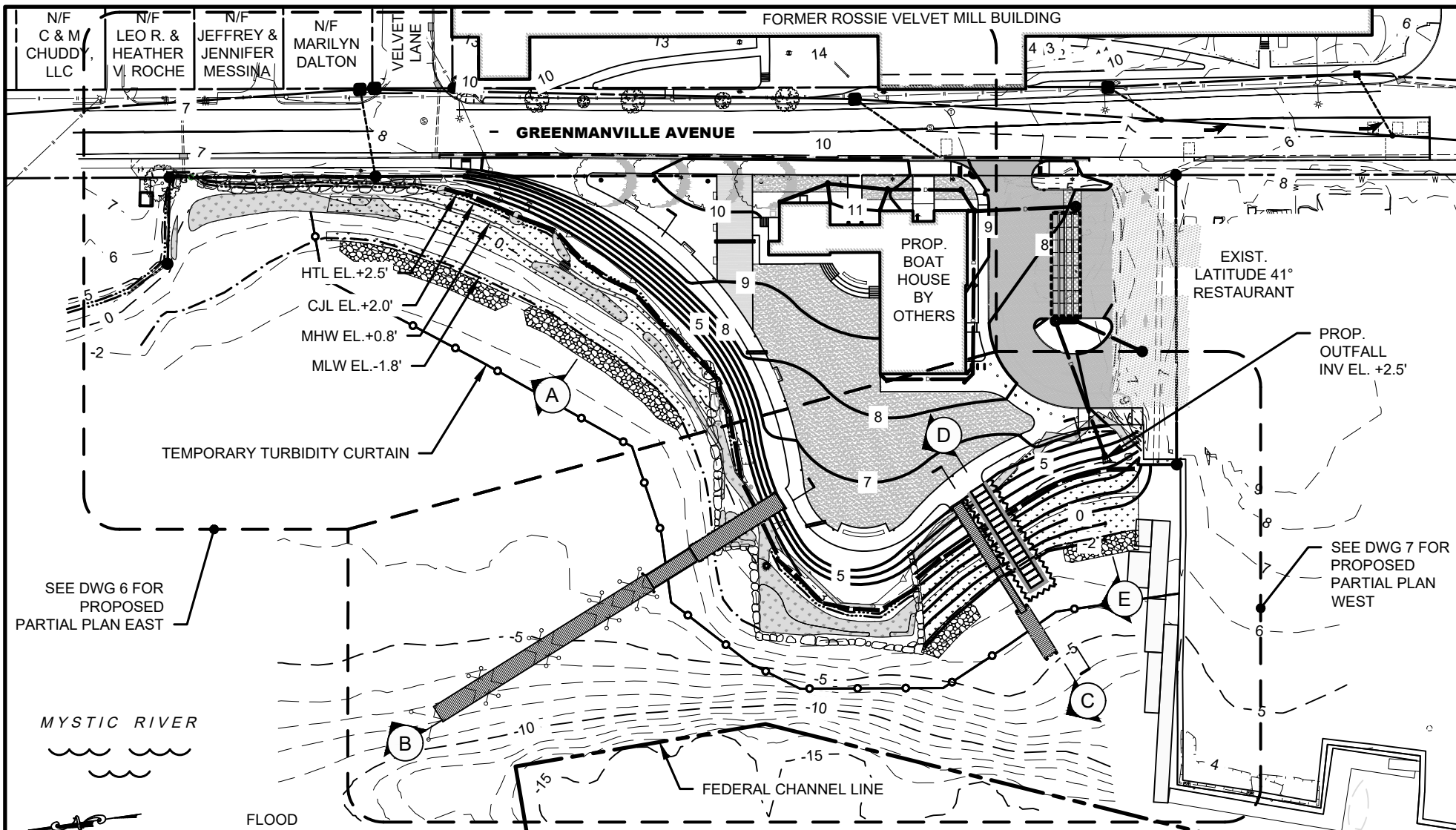
Project: WATERFRONT IMPROVEMENTS
MYSTIC RIVER BOATHOUSE PARK
125-129 GREENMANVILLE AVENUE
MYSTIC, CT 06355

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Date:	2-16-2024	Rev.:	
Drawn By:	CLW	Checked By:	MRR
Datum:	NAVD 88	Scale:	1"=80'
Project No.:	2023108	Drawing No.:	4 of 12



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STONINGTON, CT 06378

Project: WATERFRONT IMPROVEMENTS
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125-129 GREENMANVILLE AVENUE
MYSTIC, CT 06355

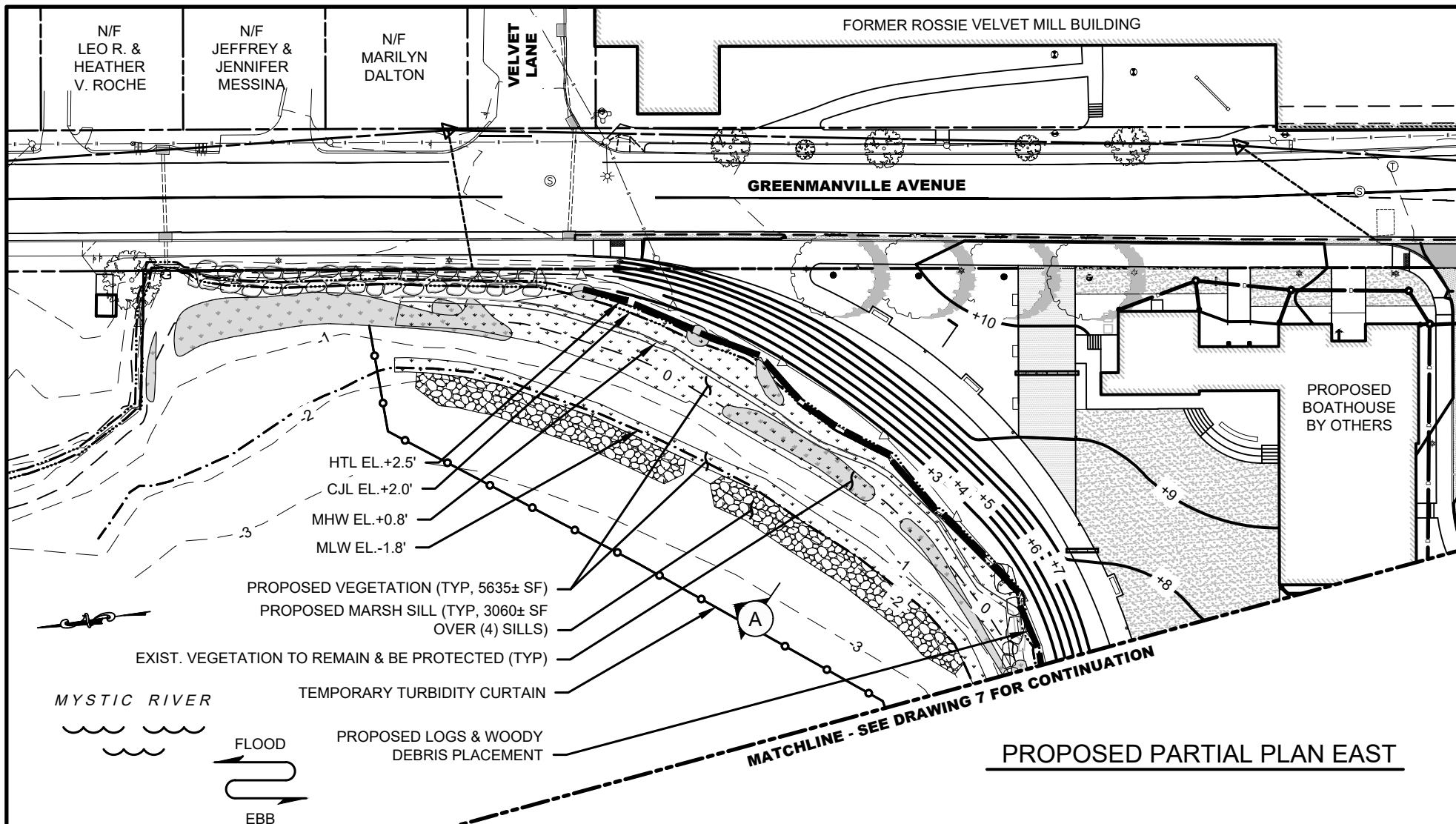
SEAL:



Date:	Rev.: 1
2-16-2024	10-23-2024
Drawn By:	Checked By:
CLW	MRR
Datum:	Scale:
NAVD 88	1"=80'
Project No.:	Drawing No.:
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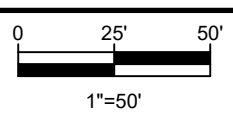
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PROPOSED PARTIAL PLAN EAST

- NOTE(S):**
- UP TO 1200 LINEAR FEET OF MUSSEL SOCKS TO BE PLACED. ROWS MAY VARY WITHIN PLANTING AREA.
 - SEE TABLE ON DWG. 7 FOR TIDAL VEG. AREA



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152 ELM STREET
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SEAL:

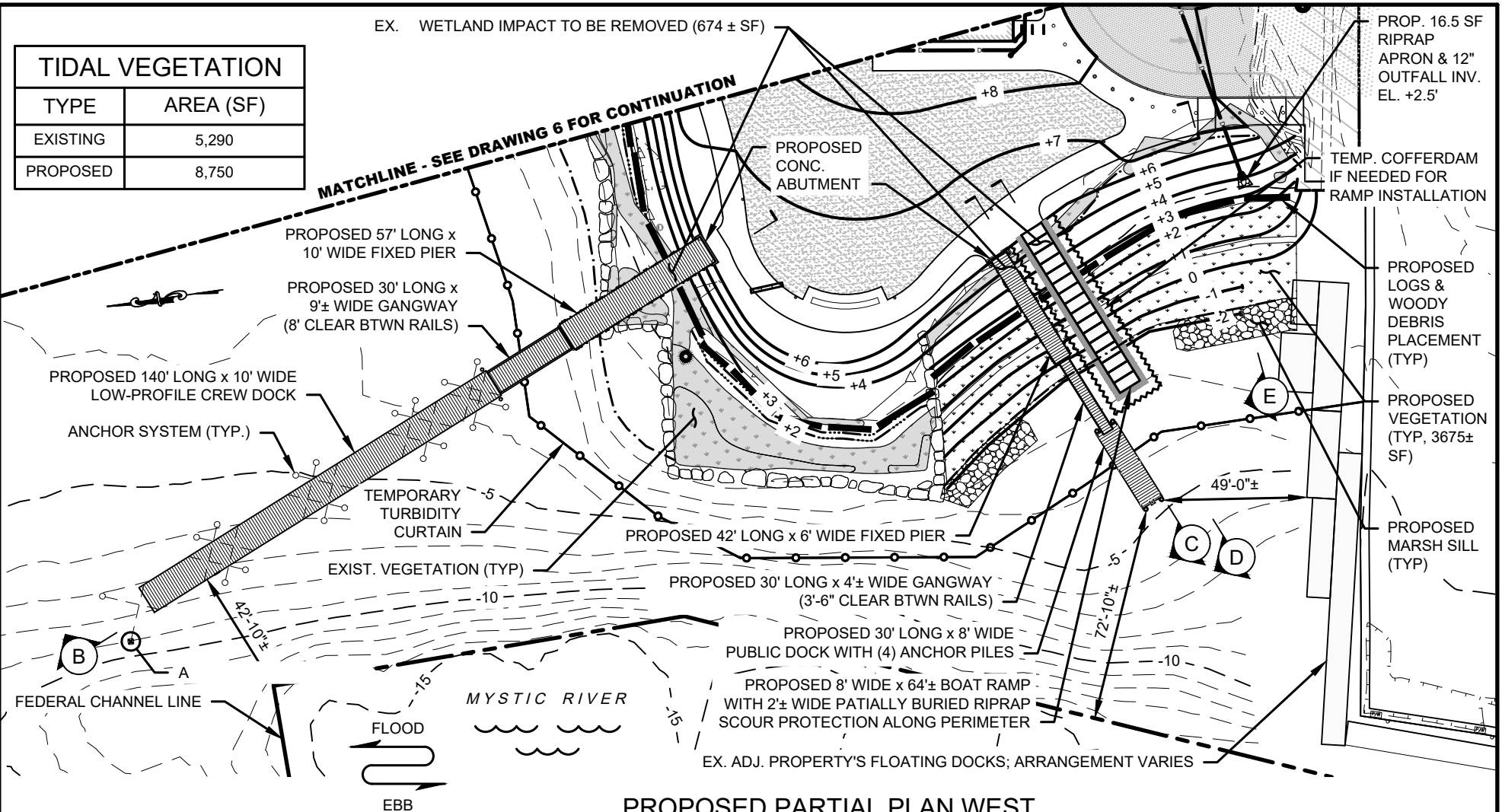
Date:	Rev.: 1
2-16-2024	7-12-2024
Drawn By:	Checked By:
CLW	MRR
Datum:	Scale:
NAVD 88	1"=50'
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TIDAL VEGETATION

TYPE	AREA (SF)
EXISTING	5,290
PROPOSED	8,750

EX. WETLAND IMPACT TO BE REMOVED (674 ± SF)

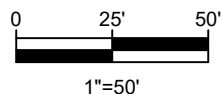
MATCHLINE - SEE DRAWING 6 FOR CONTINUATION



PROPOSED PARTIAL PLAN WEST

NOTE(S):

- COORDINATES OF POINT "A":
CT STATE PLANE (WGS84)
N: 694777.4082
E: 1215760.9051
LAT: 41.3652123°
LONG: -071.9639772°



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152 ELM STREET
STONINGTON, CT 06378

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WATERFRONT IMPROVEMENTS
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Date:

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Drawn By:

CLW

Datum:

NAVD 88

Project No.:

2023108

Rev.: 1

10-23-2024

Checked By:

MRR

Scale:

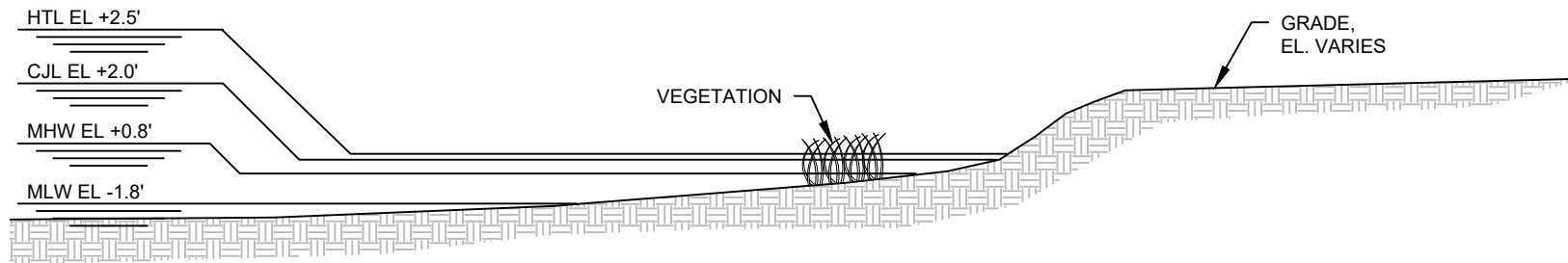
1"=50'

Drawing No.:

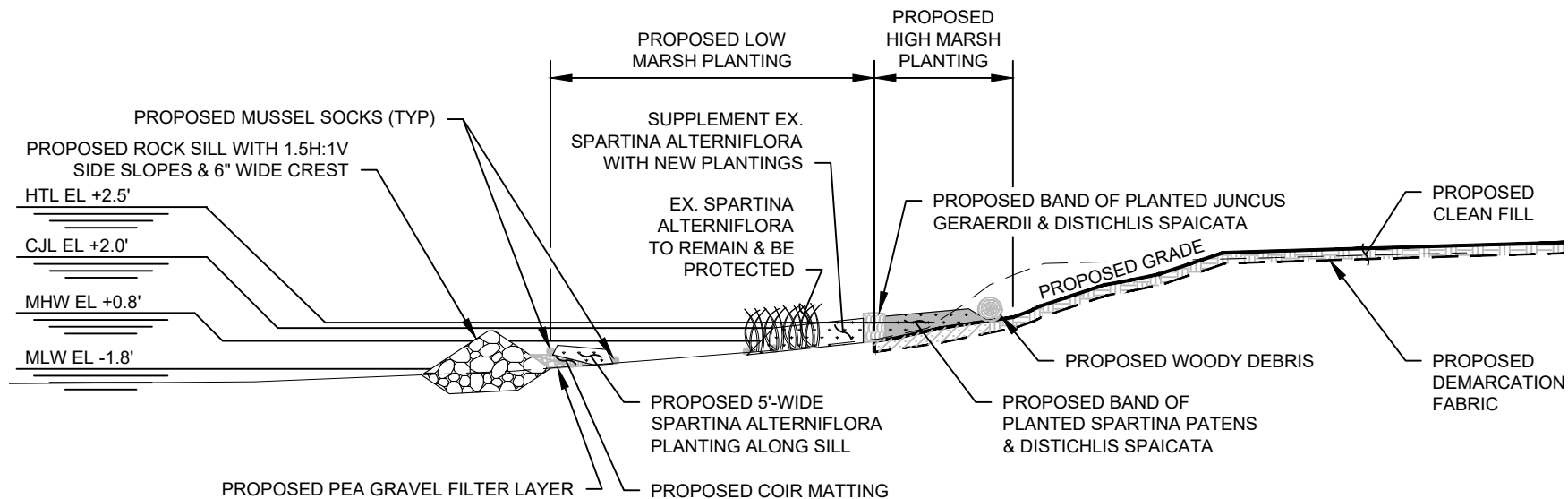
7 of 12

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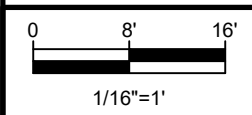
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EXISTING SECTION A



PROPOSED SECTION A



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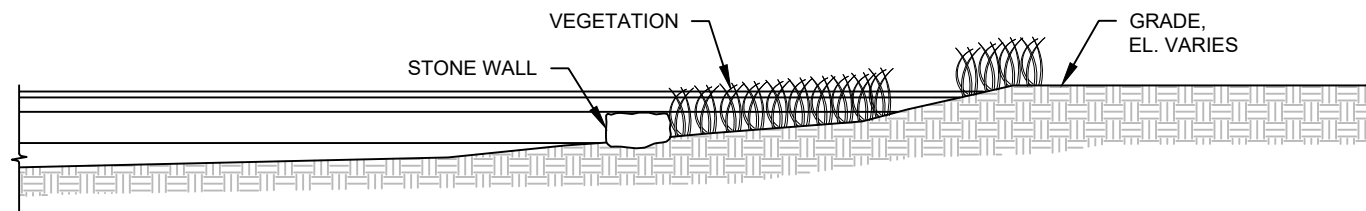
Project:
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Project No.:	2023108	Drawing No.:	8 of 12



PROPOSED 57' LONG x 10' WIDE FIXED PIER

PROPOSED 30' LONG x 9± WIDE GANGWAY

T.O. PROPOSED PIER EL.+6.33'

REGRADE UNDER PIER AS REQ'D

EX. VEGETATION

EX. GRADE

PROPOSED WOODY DEBRIS

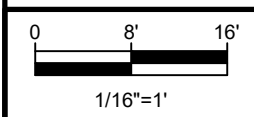
PROPOSED CONC. ABUTMENT

PROPOSED PILE (TYP)

11'-0" TYP

12'-0" MAX

PROPOSED SECTION B



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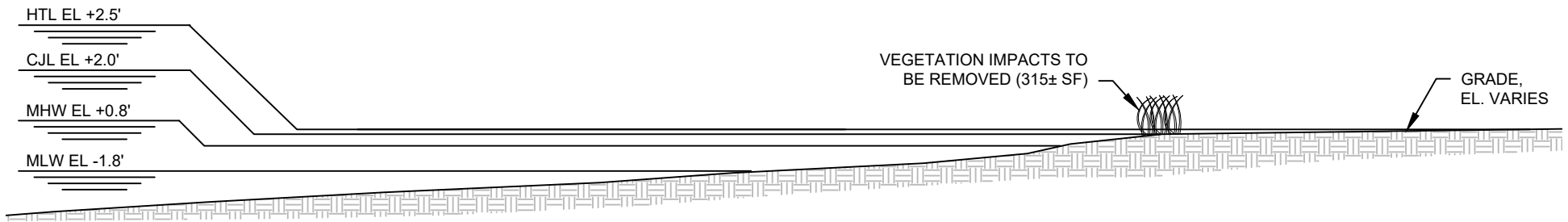
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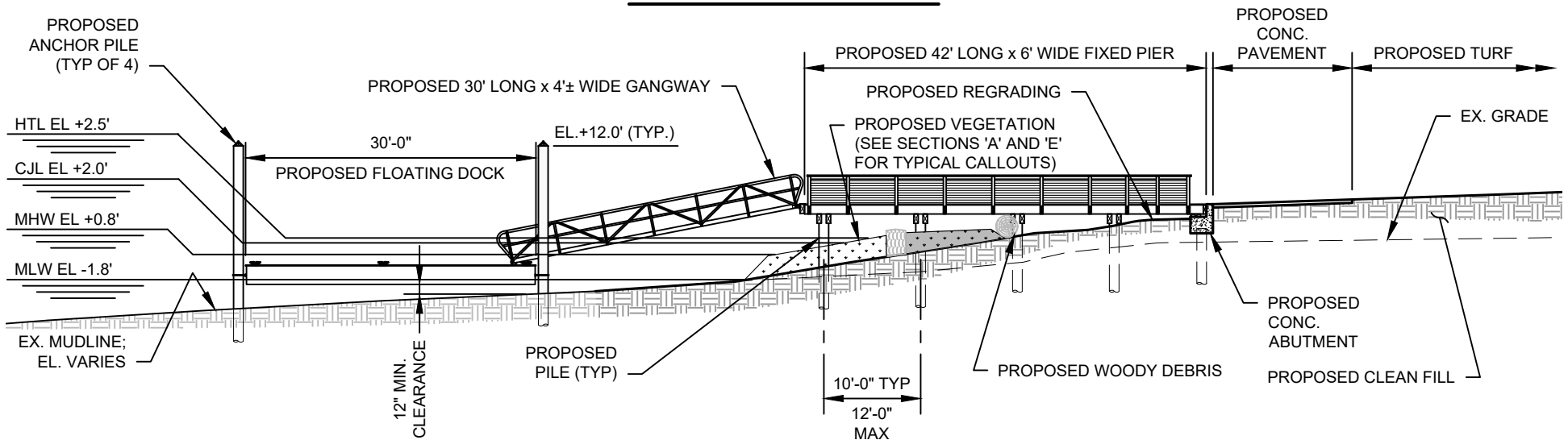
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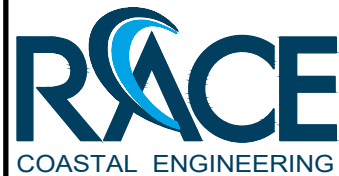
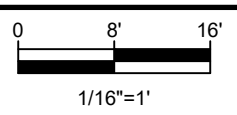
Date: 2-16-2024	Rev.: 1 7-12-2024
Drawn By: CLW	Checked By: MRR
Datum: NAVD 88	Scale: 1/16"=1'
Project No.: 2023108	Drawing No.: 9 of 12



EXISTING SECTION C



PROPOSED SECTION C



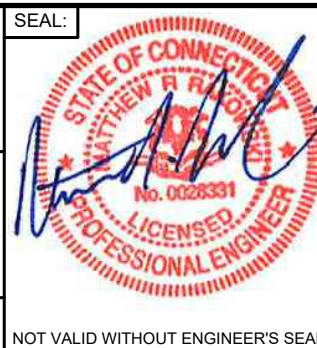
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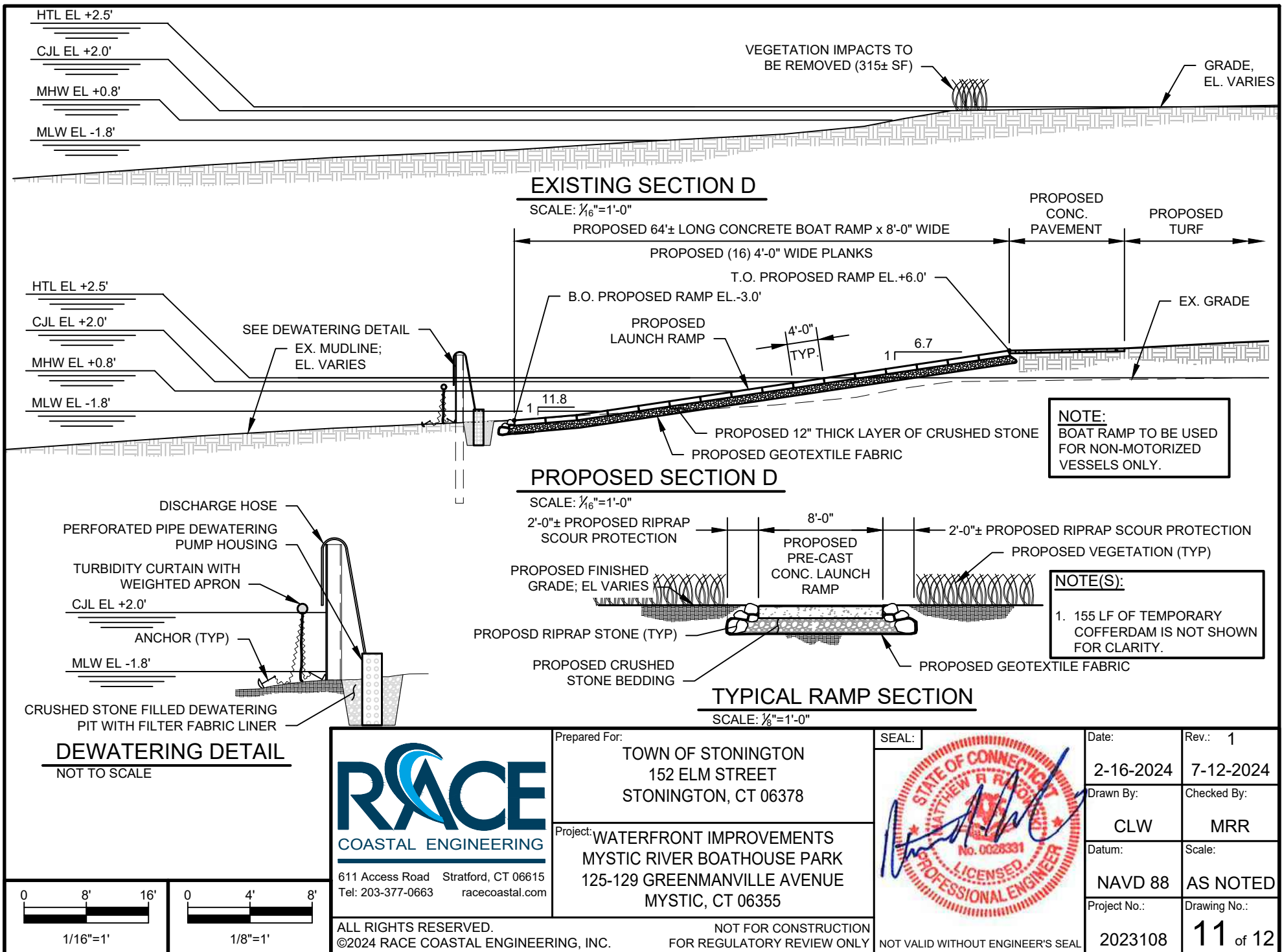
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STONINGTON, CT 06378

Project:
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NAVD 88	1/16"=1'
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HTL EL +2.5'

CJL EL +2.0'

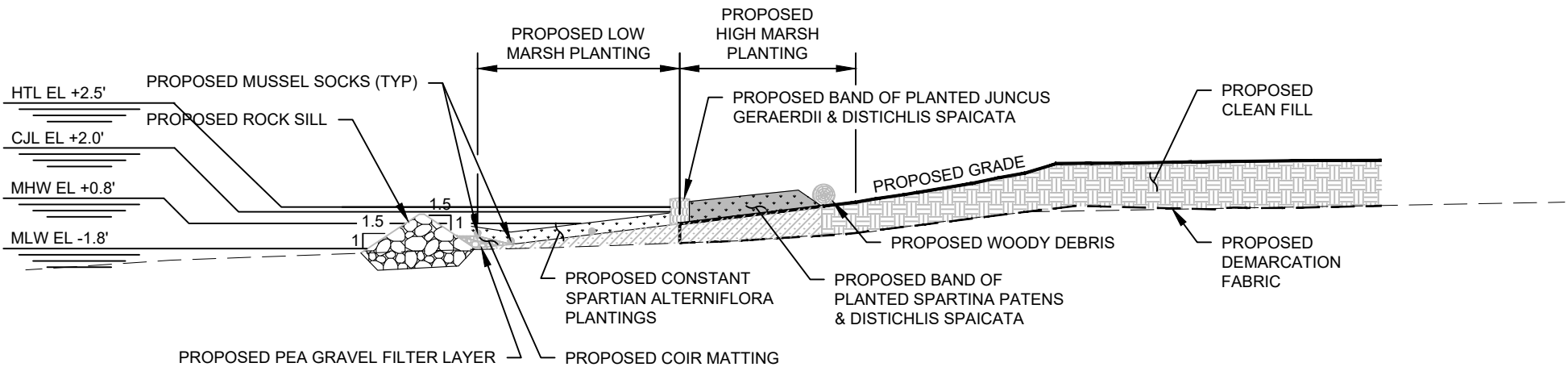
MHW EL +0.8'

MLW EL -1.8'

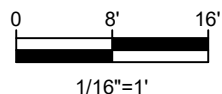
VEGETATION IMPACTS TO
BE REMOVED (301± SF)

GRADE,
EL. VARIES

EXISTING SECTION E



PROPOSED SECTION E



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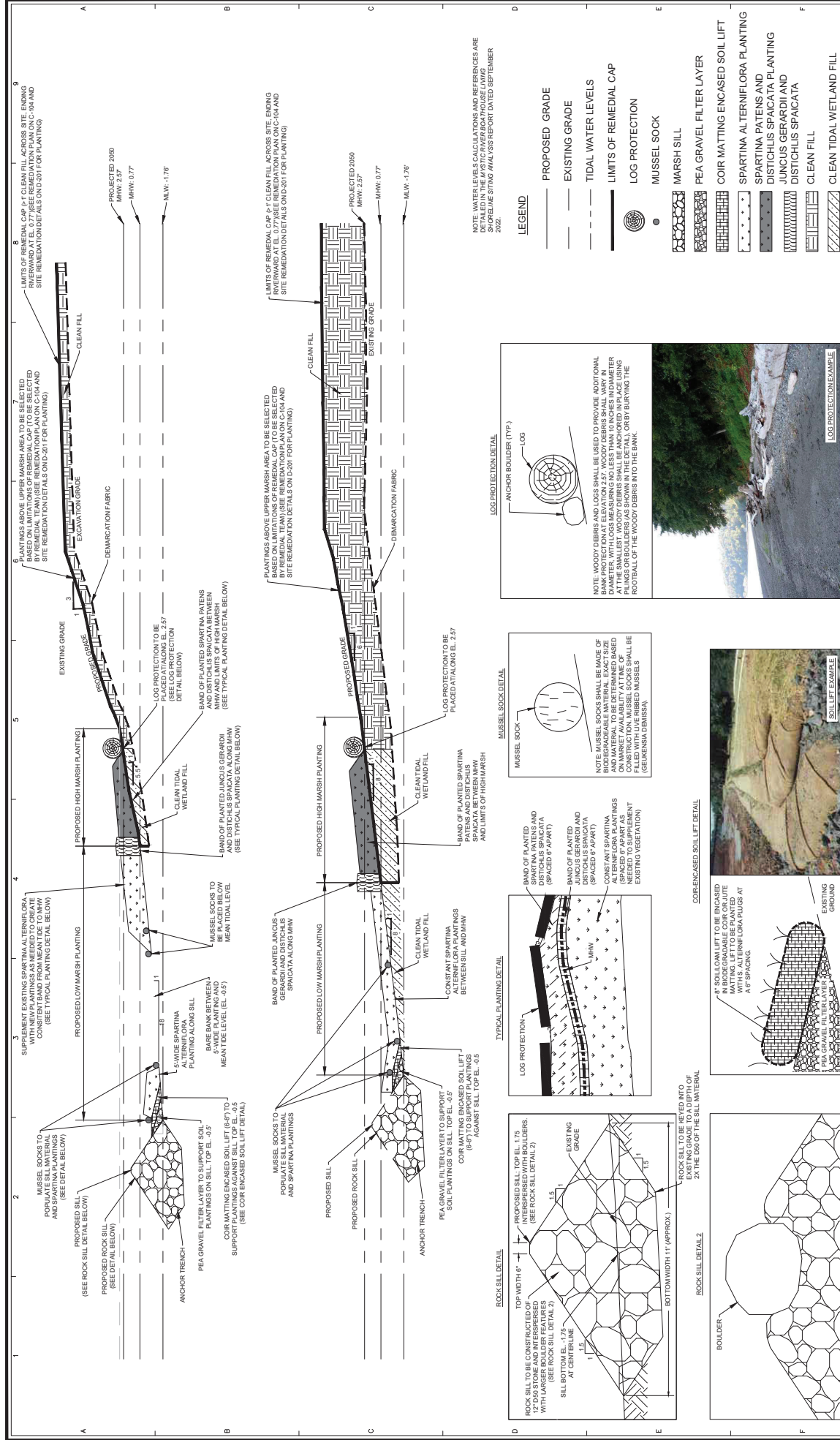
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CLW	MRR
Datum:	Scale:
NAVD 88	1/16"=1'
Project No.:	Drawing No.:
2023108	12 of 12

[illegible]



LWRD Work Commencement Form

To: DEEP.LWRDRegulatory@ct.gov or
Regulatory Section
Department of Energy and Environmental Protection
Land & Water Resources Division
79 Elm Street
Hartford, CT 06106-5127

Licensee Name: _____

Municipality in which the project is occurring: _____

DEEP License No(s): _____

CONTRACTOR(s):

1 Name: _____
Address: _____
Telephone: _____
E-mail: _____

2 Name: _____
Address: _____
Telephone: _____
E-mail: _____

3 Name: _____
Address: _____

Date Contractor(s) received a copy
of the license and approved plans: _____

EXPECTED DATE OF COMMENCEMENT OF WORK: _____

EXPECTED DATE OF COMPLETION OF WORK: _____

LICENSEE: _____
(Signature) (Date)



Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

<p>1. Licensee Name: _____</p> <p>DEEP License Number(s): _____</p> <p>Municipality in which project is occurring: _____</p>																						
<p>2. Check one:</p> <p>(a) <input type="checkbox"/> "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form.</p> <p>(b) <input type="checkbox"/> "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".</p>																						
<p>3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law."</p> <table style="width: 100%;"><tr><td style="width: 50%; border-bottom: 1px solid black; height: 20px;"></td><td style="width: 50%; border-bottom: 1px solid black; height: 20px;"></td></tr><tr><td>Signature of Licensee</td><td>Date</td></tr><tr><td colspan="2" style="border-bottom: 1px solid black; height: 20px;"></td></tr><tr><td colspan="2">Name of Licensee (print or type)</td></tr><tr><td colspan="2" style="height: 40px;"></td></tr><tr><td style="border-bottom: 1px solid black; height: 20px;"></td><td style="border-bottom: 1px solid black; height: 20px;"></td></tr><tr><td>Signature of CT-Licensed Design Professional</td><td>Date</td></tr><tr><td colspan="2" style="border-bottom: 1px solid black; height: 20px;"></td></tr><tr><td colspan="2">Name of CT-Licensed Design Professional (print or type)</td></tr><tr><td style="border-bottom: 1px solid black; height: 20px;"></td><td rowspan="2" style="width: 20%; vertical-align: middle; text-align: center;">Affix Stamp Here</td></tr><tr><td>Professional License Number (if applicable)</td></tr></table>				Signature of Licensee	Date			Name of Licensee (print or type)						Signature of CT-Licensed Design Professional	Date			Name of CT-Licensed Design Professional (print or type)			Affix Stamp Here	Professional License Number (if applicable)
Signature of Licensee	Date																					
Name of Licensee (print or type)																						
Signature of CT-Licensed Design Professional	Date																					
Name of CT-Licensed Design Professional (print or type)																						
	Affix Stamp Here																					
Professional License Number (if applicable)																						
<ul style="list-style-type: none">As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut.The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance. <p>Submit this completed form to : DEEP.LWRDRegulatory@ct.gov or Regulatory Section Department of Energy and Environmental Protection Land & Water Resources Division 79 Elm Street Hartford, CT 06106-5127</p>																						