



## Connecticut Department of Energy and Environmental Protection License\*

### Structures, Dredging & Fill and Tidal Wetlands Permit

**Licensee(s):** Daniel Chase

**Licensee Address(s):** 143 Injun Hollow Road  
Haddam, CT 06424

**License Number(s):** 202305413-SDFTW

**Municipality:** Haddam

**Project Description:** Install a fixed pier, ramp, and floating dock, retain and relocate an existing water intake pipe, and retain a revetement for shoreline flood and erosion protection.

**Project Address/Location:** 143 Injun Hollow Road

**Waters:** Connecticut River

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

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

**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:** Six (6) sheets of plans entitled "Waterfront Improvements," sheets 2 and 3 of 6, dated June 26, 2023, and sheets 1, 4, 5 and 6 of 6, dated June 26, 2023 and revised to July 16, 2024, prepare by RACE Coastal Engineering, Inc.

\*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; LWRD Work Commencement Form; LWRD Compliance Certification Form; Site Plan Set

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**Authorized Activities:**

The Licensee is hereby authorized to conduct the following work as described in application # 202305413 and as depicted on any site plan sheets / sets cited herein:

1. install with the use of a barge-mounted crane, a 4' wide x 88' long fixed pile and timber pier to elevation 7.6' NAVD 88, a 3' wide x 38' long gangway, and an 8' wide x 16' floating dock supported by four 12" diameter timber piles as shown on sheets 5 and 6 of 6 of the plans attached hereto;
2. retain an existing 3" diameter approximately 120 linear foot long seasonal PVC water intake pipe held in place by zip ties and auger anchors approximately 15' on center located northwest of the dock authorized in paragraph 1., above;
3. modify the seasonal PVC intake pipe described in paragraph 2., above, by relocating the entire PVC pipe to a position attached to the bottom of piles supporting the pier described in paragraph 1., above, as shown on sheets 5 and 6 of 6 of the plans attached hereto; and
4. retain an approximately 193-foot-long x 7'3" wide stone revetment at approximate elevation 6.3' NAVD 88 located along the entire shoreline of the property.

***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. **Water Intake Pipe Relocation.** As the dock is being constructed along the shoreline of the property as described in Authorized Activities paragraph 1., above, the Licensee shall relocate the existing water intake pipe described in Authorized Activities paragraph 2., above, from the area of tidal wetlands and attached to the bottom of the piles that support the authorized pier. Upon removal of the intake pipe and auger anchors, the Licensee shall restore all areas of the tidal wetlands to their pre-work condition or better. Not later than 14 days after relocation of the water intake pipe, the Licensee shall submit to the Commissioner, low water photographs of the relocated pipe.
3. **Fisheries Restriction.** To protect diadromous fish migrations, any pile driving conducted between April 1st through June 30th of any year, shall occur for no more than 12 hours during each 24-hour period. All pile driving from April 1st through October 1st of any year, shall employ a soft start to allow sufficient time for fish, including federally endangered Atlantic Sturgeon and Shortnose Sturgeon to leave the vicinity before sound pressures increase to injurious levels. A "soft start" is defined as low energy start up that builds over 20-40 minutes to provide adequate time for fish to leave the area.

4. **Bald Eagle Restriction.** The Licensee shall not conduct any pile driving authorized herein unless otherwise authorized by the Commissioner in writing between February 1st through July 31st, of any year, unless such pile driving equipment is located, at a minimum of 1/2 mile away from any active nesting sites. To determine the location of a nest or roost site in your area that is active, please contact DEEP Wildlife Biologist Brian Hess who is coordinating eagle monitoring at Brian.Hess@ct.gov.
5. **Removal of Accumulated Debris.** If at any time, there is a significant amount of debris that has accumulated on the upstream side of the dock described in Authorized Activities paragraph 1., above, the Licensee can stage heavy equipment along the shoreline or use a barge-mounted crane only during periods of high water to remove such debris from the river to an upland disposal location landward of the Coastal Jurisdiction Line (“CJL”) and outside tidal wetlands.
6. **Barge Staging.** The Licensee shall utilize a barge-mounted crane only during periods of high water. The Licensee shall make sure the barge is located to deeper water during low tide events. At no time shall the Licensee allow the barge to rest on the river bottom.
7. **Heavy Equipment Staging.** Heavy equipment may be utilized at the site to assist in performing construction related activities provided that all equipment be staged landward of the CJL and outside the location of tidal wetlands.
8. **Wetland Buffer.** Not later than June 1st of 2025, the Licensee shall complete the planting of the vegetation buffer including the planting of Sallow Sedge Carex Ludida within the identified 125 square foot area landward of the revetment as shown on Drawing No. 5 of 6 of 6 of the plans attached hereto.
9. **Pier elevation and Deck Board Spacing.** The Licensee shall install the deck of the fixed pier authorized herein no lower than elevation 7.6’ NAVD of 88 to allow for proper public passage under the pier and such deck boards of the pier shall provide for a minimum spacing of 1/2 of an inch.
10. **Waste Removal.** All waste material generated by the performance of the work authorized herein shall be immediately removed from the site and disposed of at an approved upland disposal facility.

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Graham J. Stevens  
Bureau Chief  
Bureau of Water Protection & Land Reuse





## **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](mailto: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 Commencement<sup>1</sup>.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to [DEEP.LWRDRegulatory@ct.gov](mailto: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

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

deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not 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 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](mailto: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 Certification.** Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to [DEEP.LWRDRegulatory@ct.gov](mailto: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](mailto:DEEP.LWRDRegulatory@ct.gov) or



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.



# DANIEL CHASE WATERFRONT IMPROVEMENTS

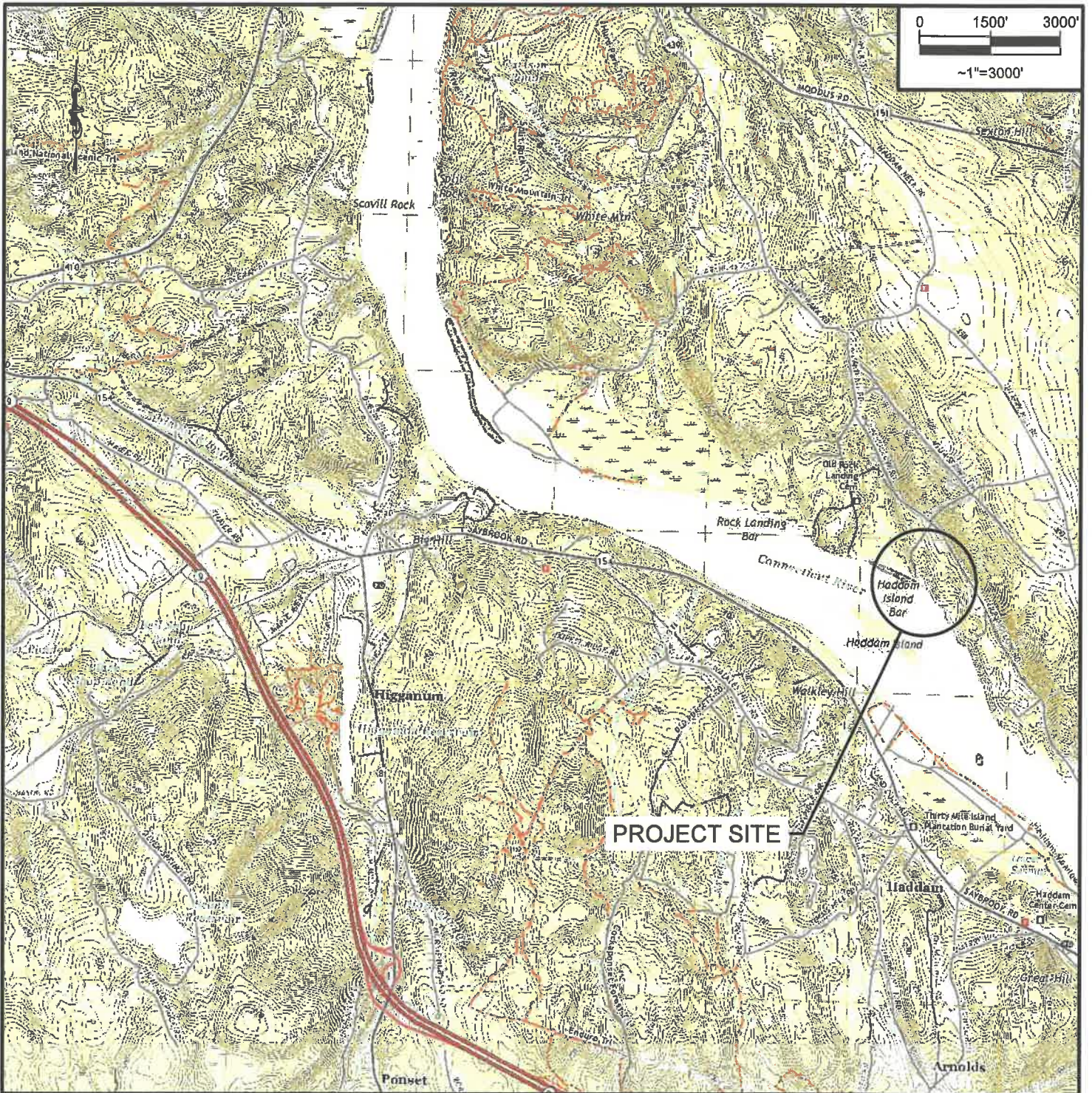
DRAWING LIST	
DWG No.	DRAWING TITLE
1	TITLE SHEET & GENERAL NOTES
2	VICINITY MAP
3	TAX ASSESSOR'S MAP
4	EXISTING SITE PLAN
5	PROPOSED PARTIAL PLAN
6	EXISTING & PROPOSED SECTION A-A

## GENERAL NOTES



1. THE PURPOSE OF THESE DRAWINGS ARE FOR REGULATORY REVIEW ONLY.
2. VICINITY MAP TAKEN FROM USGS TOPOGRAPHIC MAP HADDAM QUADRANGLE, CONNECTICUT, 7.5 MINUTE SERIES, HADDAM, CT 2021 AND USGS TOPOGRAPHIC MAP MIDDLE HADDAM QUADRANGLE, CONNECTICUT - MIDDLESEX COUNTY, 7.5 MINUTE SERIES, MIDDLE HADDAM, CT 2021..
3. ELEVATIONS REFERENCE NORTH AMERICAN VERTICAL DATUM OF 1988, UNLESS NOTED OTHERWISE.
4. SITE INFORMATION TAKEN FROM A DRAWING TITLED "TOPOGRAPHIC SURVEY (PARTIAL) 143 INJUN HOLLOW ROAD, HADDAM NECK, HADDAM, CONNECTICUT", PREPARED FOR DANIEL L. CHASE & ANGELA M. CHASE, BY GESICK & ASSOCIATES, P.C., DATED 01/20/2023.
5. ADDITIONAL BATHYMETRIC CONTOUR INFORMATION TAKEN FROM THE CONTINUOUSLY UPDATED DIGITAL ELEVATION MODEL (CUDM) -  $\frac{1}{8}$  ARC-SECOND RESOLUTION BATHYMETRIC-TOPOGRAPHIC TILES PUBLISHED BY NOAA CENTERS FOR ENVIRONMENTAL INFORMATION.
6. TIDAL ELEVATION DATA HAS BEEN TAKEN FROM BENCH MARK SHEET FOR TYLerville, CONNECTICUT R. CT STA. 8463348 FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION TIDES AND CURRENTS WEBSITE.

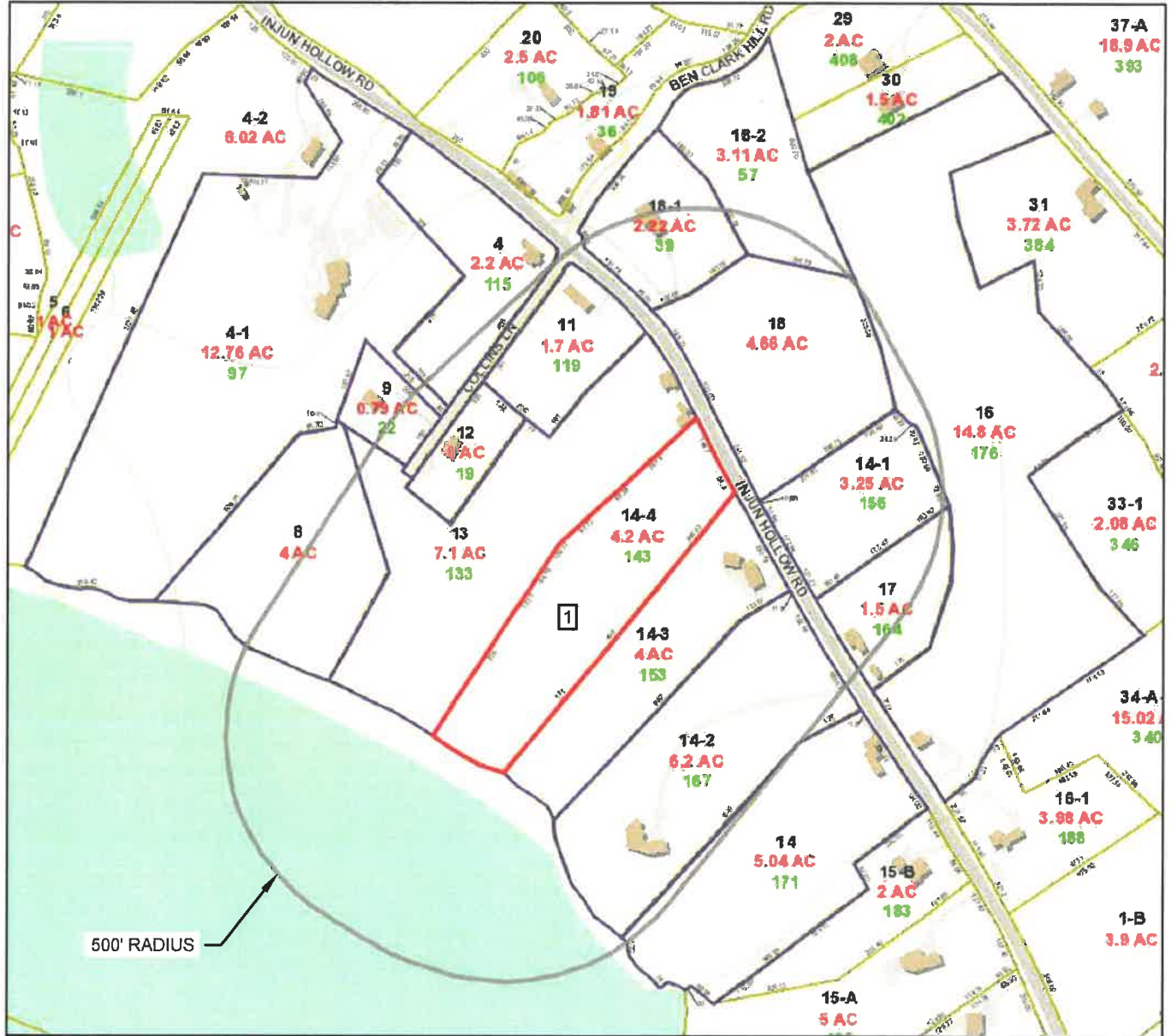
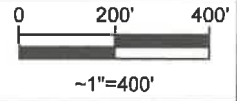
PROJECT TIDAL ELEVATIONS (NAVD 88)	
DATUM	ELEVATION (FT)
COASTAL JURISDICTION LINE (CJL)	+3.0
HIGH TIDE LINE (HTL)	+3.0
MEAN HIGHER HIGH WATER (MHHW)	+1.9
MEAN HIGH WATER (MHW)	+1.6
NAVD 88	0.0
NGVD 29	-0.98
MEAN LOW WATER (MLW)	-1.1
MEAN LOWER LOW WATER (MLLW)	-1.2

 <p><b>RACE</b> COASTAL ENGINEERING</p> <p>611 Access Road Stratford, CT 06615 Tel: 203-377-0663 racecoastal.com</p>	Prepared For: <b>DANIEL CHASE</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	SEAL: 	Date: 06-26-2023	Rev.: 1 07-16-2024	
	Project: <b>WATERFRONT IMPROVEMENTS</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	Drawn By: HNS	Checked By: MRR	Datum: NAVD 88	Scale: N/A
	ALL RIGHTS RESERVED. ©2022 RACE COASTAL ENGINEERING, INC.	NOT FOR CONSTRUCTION FOR REGULATORY REVIEW ONLY	NOT VALID WITHOUT ENGINEER'S SEAL	Project No.: 2022125	Drawing No.: <b>1</b> of 6



**VICINITY MAP**

 611 Access Road Stratford, CT 06615 Tel: 203-377-0663 racecoastal.com	Prepared For: <b>DANIEL CHASE</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	SEAL: 	Date: <b>06-26-2023</b>	Rev.:	
	Project: <b>WATERFRONT IMPROVEMENTS</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	Drawn By: <b>HNS</b>	Checked By: <b>MRR</b>	Datum: <b>NAVD 88</b>	Scale: <b>~1"=3000'</b>
	ALL RIGHTS RESERVED. ©2022 RACE COASTAL ENGINEERING, INC.	NOT FOR CONSTRUCTION FOR REGULATORY REVIEW ONLY	NOT VALID WITHOUT ENGINEER'S SEAL	Project No.: <b>2022125</b>	Drawing No.: <b>2</b> of 6



**OWNER**  
 1. DANIEL L. & CACACE CHASE - 143 INJUN HOLLOW ROAD, HADDAM, CT 06424

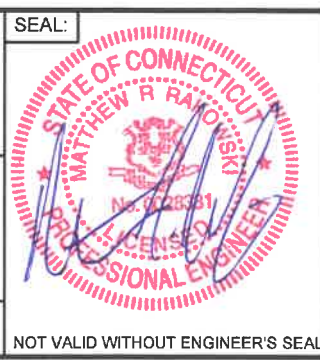
**ADJACENT PROPERTY OWNERS**  
 SEE ATTACHED: 16 PROPERTY OWNERS WITHIN 500' RADIUS

**TAX ASSESSOR'S MAP**

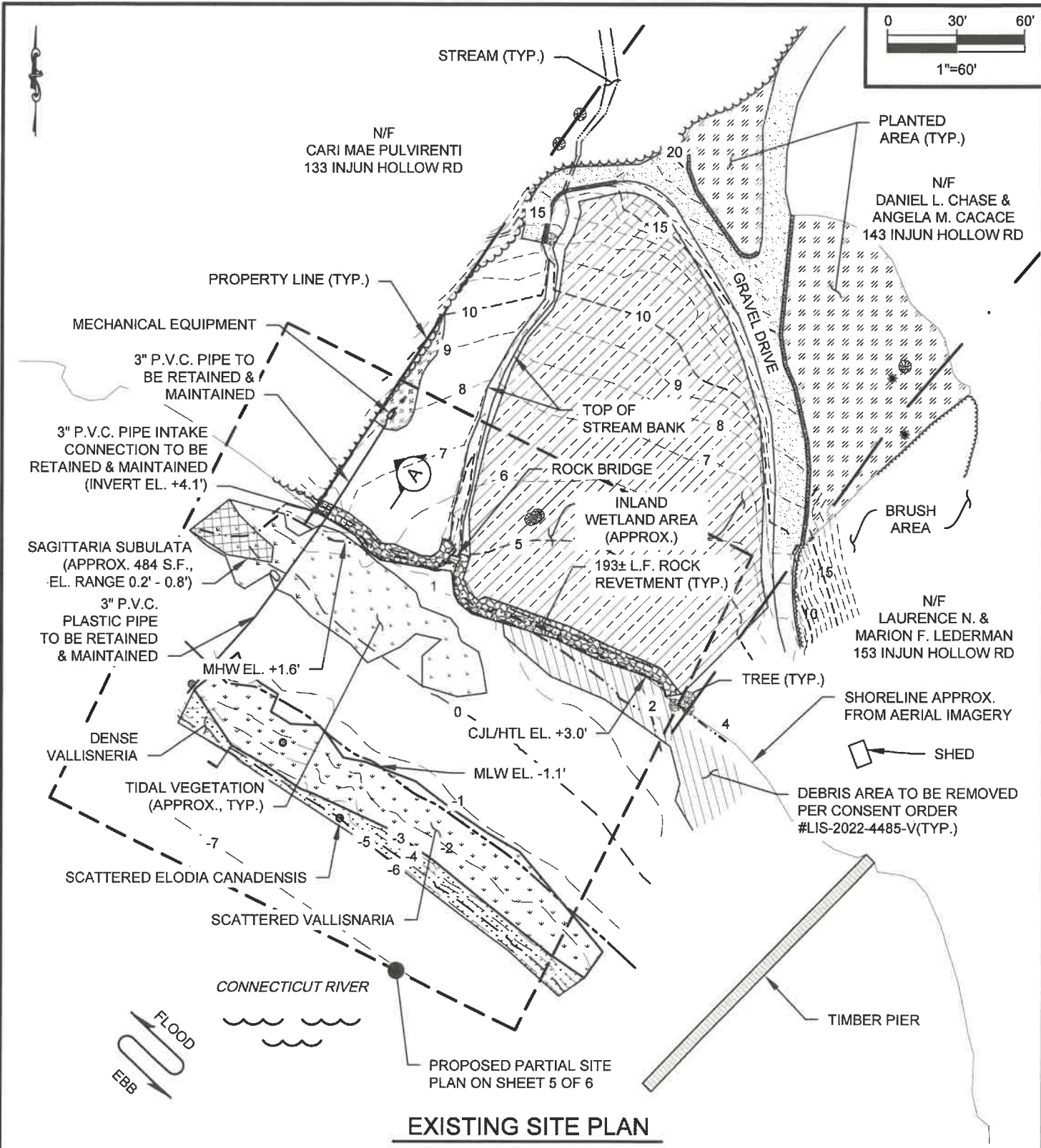


Prepared For:  
**DANIEL CHASE**  
 143 INJUN HOLLOW ROAD  
 HADDAM NECK, CT 06424

Project:  
**WATERFRONT IMPROVEMENTS**  
 143 INJUN HOLLOW ROAD  
 HADDAM NECK, CT 06424



Date:	06-26-2023	Rev.:	
Drawn By:	HNS	Checked By:	MRR
Datum:	NAVD 88	Scale:	~1"=100'
Project No.:	2022125	Drawing No.:	3 of 6



**RACE**  
COASTAL ENGINEERING

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

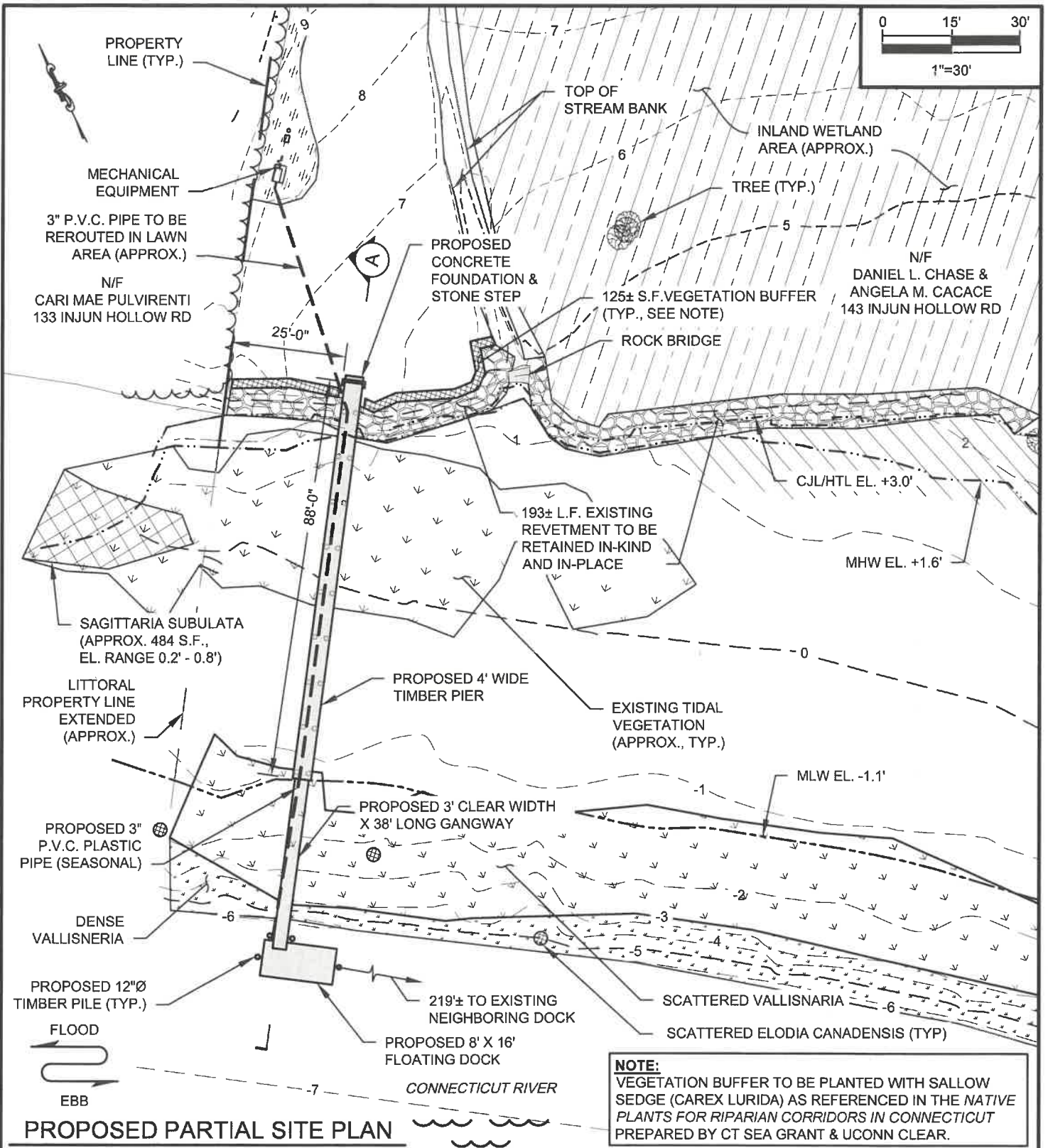
Prepared For:  
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Project:  
**WATERFRONT IMPROVEMENTS**  
143 INJUN HOLLOW ROAD  
HADDAM NECK, CT 06424



SEAL:

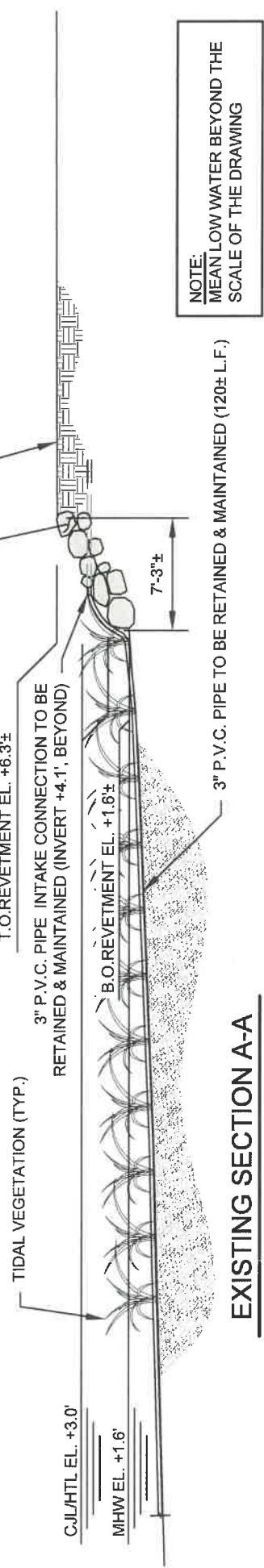
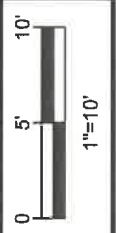
STATE OF CONNECTICUT  
MATTHEW R. RAKOWSKI  
No. 0028331  
LICENSED PROFESSIONAL ENGINEER

Date:	Rev.:
06-26-2023	3 7-16-2024
Drawn By:	Checked By:
HNS	MRR
Datum:	Scale:
NAVD 88	1"=60'
Project No.:	Drawing No.:
2022125	4 of 6

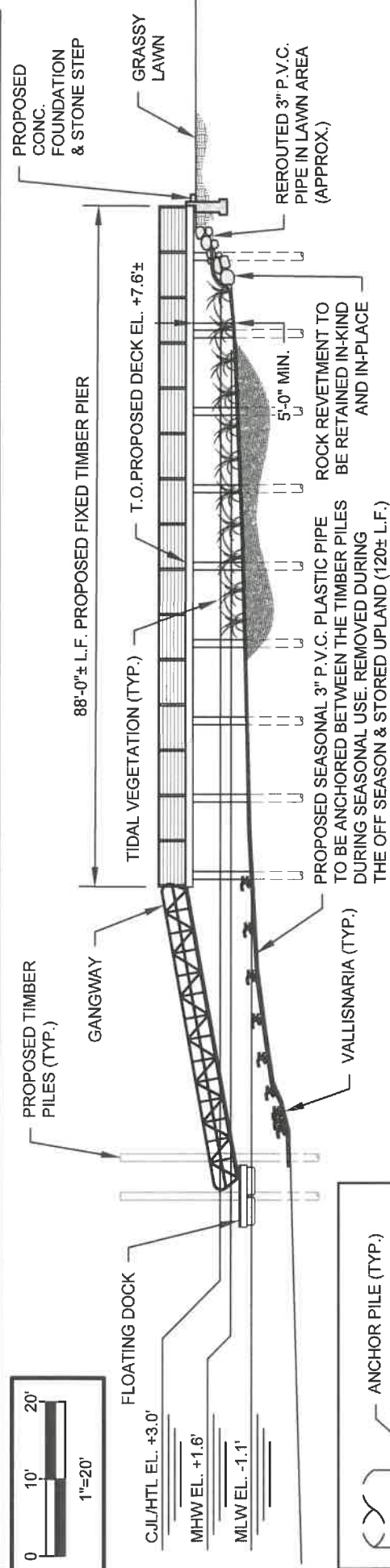


**NOTE:**  
 VEGETATION BUFFER TO BE PLANTED WITH SALLOW SEDGE (CAREX LURIDA) AS REFERENCED IN THE NATIVE PLANTS FOR RIPARIAN CORRIDORS IN CONNECTICUT PREPARED BY CT SEA GRANT & UCONN CLEAR.

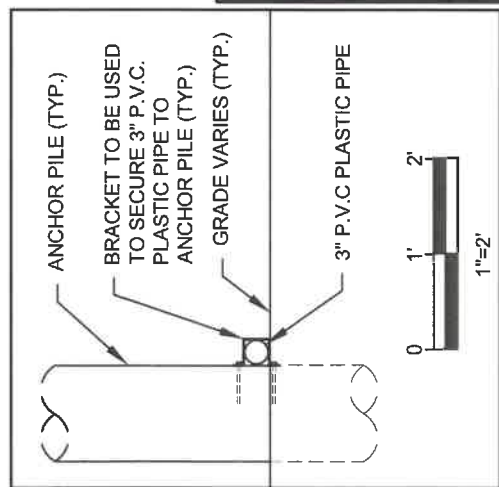
 COASTAL ENGINEERING 611 Access Road Stratford, CT 06615 Tel: 203-377-0663 racecoastal.com	Prepared For: <b>DANIEL CHASE</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	SEAL: 	Date: 06-26-2023	Rev.: 3 07-16-2024	
	Project: <b>WATERFRONT IMPROVEMENTS</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	Drawn By: <b>HNS</b>	Checked By: <b>MRR</b>	Datum: <b>NAVD 88</b>	Scale: <b>1"=30'</b>
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**EXISTING SECTION A-A**



**PROPOSED SECTION A-A**



**PIPE ANCHORING DETAIL**

 <b>RACE</b> COASTAL ENGINEERING 611 Access Road Stratford, CT 06615 Tel: 203-377-0663 racecoastai.com	Prepared For: <b>DANIEL CHASE</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	Date: <b>06-26-2023</b> Drawn By: <b>HNS</b> Datum: <b>NAVD 88</b> Project No.: <b>2022125</b>	Rev.: <b>3</b> Checked By: <b>MRR</b> Scale: <b>SEE SCALE</b>
	Project: <b>WATERFRONT IMPROVEMENTS</b> 143 INJUN HOLLOW ROAD HADDAM NECK, CT 06424	SEAL:  <b>MATTHEW R. RAKOWSKI</b> PROFESSIONAL ENGINEER No. 036894	Date: <b>06-26-2023</b> Drawn By: <b>HNS</b> Datum: <b>NAVD 88</b> Project No.: <b>2022125</b>
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**LWRD Work Commencement Form**

**To:** [DEEP.LWRDRegulatory@ct.gov](mailto: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: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

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)

**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.



## 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.

1. Licensee Name: _____ DEEP License Number(s): _____ Municipality in which project is occurring: _____	
2. <b>Check one:</b> (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. (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".	
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."	
_____ 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)	
_____ Professional License Number (if applicable)	Affix Stamp Here <div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: middle;"></div>
<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul> <p>Submit this completed form to :  <a href="mailto:DEEP.LWRDRegulatory@ct.gov">DEEP.LWRDRegulatory@ct.gov</a> or  <b>Regulatory Section</b>  <b>Department of Energy and Environmental Protection</b>  <b>Land &amp; Water Resources Division</b>  <b>79 Elm Street</b>  <b>Hartford, CT 06106-5127</b></p>	