



Connecticut Department of Energy and Environmental Protection License*

Structures, Dredging & Fill and Tidal Wetlands Permit

Licensee(s): Town of Montville
c/o Matthew Davis

Licensee Address(s): 310 Norwich New London Tpke
Uncasville, CT 06382

License Number(s): 202408219-SDFTW

Municipality: Montville

Project Description: Installation of a new fishing pier and maintenance of existing abutment/pier, ramp, floats and boat launch for public access

Project Address/Location: 55 Dock Road

Waters: Thames River

Authorizing CT Statute(s) and/or Federal Law: CGS Section 22a-28 to 35; CGS Section 22a-359 to 363g; CGS Section 22a-90 to 112

Applicable Regulations of CT State Agencies: 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.

*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 . . ."

Project Site Plan Set: *Town of Montville, Town Boat Launch Improvements and Fishing Pier Construction*, 17 total sheets: 11 sheets dated May 2022 prepared by CLA Engineers with the cover sheet and sheets 1, 2, 4, 5, and 7 last revised February 4, 2025, sheet 3 last revised March 5, 2025, and sheets 6, 8 – 10 last revised March 22, 2024; and 6 sheets (W-3 through W-8) dated February 9, 2024 prepared by Race Coastal Engineering Inc.

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

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 202408219 and as depicted on any site plan sheets / sets cited herein:

1. Boat Launch and Abutment:
 - a. Install temporary sandbag cofferdam,
 - b. Utilizing land-based equipment, remove and replace an existing concrete boat launch with a new precast concrete 85' long x 26' wide boat launch,
 - c. Utilizing land-based equipment remove and replace in kind a 50' long by 10' wide concrete abutment/pier with an approximate top elevation of +3.8' NAVD88',
 - d. Remove sandbag cofferdam to an upland location and restore areas, and
 - e. Install a 4' wide by 15' long ramp, 40' long by 8' wide float with 4 associated pilings.
2. Fishing Pier:
 - a. Install sediment and erosion controls,
 - b. Utilizing water based and land-based equipment install a new fishing pile supported pier consisting of a 135' long by 11'-10" wide (to edge of stringers) section perpendicular to the shoreline and a T-head with two octagonal fishing platforms that are approximately 121'-4" long and a maximum of 40'-7.5" wide consisting of a total area of 4,928 SF, and
 - c. Remove sediment and erosion controls and restore areas.
3. Utilizing handheld tools saw cut and remove 18 piles at the mudline.

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. **Time-of-Year Restrictions.** Unconfined in-water excavation, dredging, filling or removal of debris or other material is prohibited between June 15th and August 30th, inclusive, of any year in order to protect spawning shellfish in the area unless otherwise authorized in writing by the Commissioner.
3. **Fisheries Protection.** To protect fish in the Thames River, steel pile driving should be performed with vibratory hammers during the period from May 1st to October 1st, inclusive, of any year. If steel pile driving with an impact hammer is required during this period, then a "soft start" shall be performed at the beginning of each shift which requires pile driving. A soft start is defined as a low-energy start-up with an initial set of three strikes by the hammer at 40% energy, followed by a one-minute wait period, then two subsequent three-strike sets at 40% energy, with one minute waiting period before initiating continuous impact driving to provide adequate time for fish to leave the area. These requirements do not need to be followed if driving timber piles.
4. **Wetland Delineation and Work Restrictions.** Prior to construction commencement, the Licensee shall flag the limits of tidal wetlands located at the site. Except as specifically authorized by this License, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored within the wetland area. Impacts to tidal wetlands due to coffer dam installation authorized in 1.a., above, shall be minimized to the best extent possible. Any such flagging shall be capable of withstanding daily tidal ebbs and flows and shall be maintained in optimal operating condition until project completion, at which time flagging shall be removed to an upland location.
5. **Equipment and Stockpile Location Restriction.** Stockpiles and equipment must be stored in upland areas above the Coastal Jurisdiction Line (CJL).
6. **Erosion & Sedimentation Control Measures.** The Licensee shall use temporary sandbags/cofferdam around the boat launch ramp and concrete abutment/pier to prevent materials into the Thames River. Further, the Licensee shall use appropriate erosion and sedimentation control measures during the fishing pier construction and shall use such measures around upland temporary soil stockpiles and dewatering areas. Such measures shall remain in place until completion of the project. Upon removal all areas shall be restored to the original condition.
7. **Barge Staging and Storage.** 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.
8. **Waste Material.** All waste material generated by the performance of the work authorized herein shall be relocated by the Licensee to an upland site approved by applicable state and/or municipal regulatory authorities for the receipt and management of such waste material, as applicable. The Licensee shall not allow any waste to enter the Thames River.

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

Date

Emma Cimino
Deputy Commissioner
Environmental Quality Branch



1. Licensee Name: <u>Town of Montville</u> DEEP License Number(s): <u>202408219</u> Municipality in which project is occurring: <u>Montville</u>	
2. Check one: (a) ☐ "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) ☐ "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 _____ Name of Licensee (print or type)	_____ Date
_____ Signature of CT-Licensed Design Professional _____ Name of CT-Licensed Design Professional (print or type) _____ Professional License Number (if applicable)	_____ Date Affix Stamp Here
- 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. 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	



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.



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.

TOWN OF MONTVILLE TOWN BOAT LAUNCH IMPROVEMENTS AND FISHING PIER CONSTRUCTION

55 Dock Road
Uncasville, Connecticut 06382

Prepared For:
TOWN OF MONTVILLE

Drawing No.	Description of Drawings
1	Bathymetric / Topographic Survey
2	Vicinity Map
3	Plan of Improvements
4	Site Plan
5	Boat Launch and Floating Dock Plan & Profile
6	Boat Launch and Floating Dock Details
7	Fishing Pier Plan & Profile
8	Erosion & Sedimentation Control and Stormwater Management Plan
9-10	Construction Details & Notes
W-3 to W-9	RACE Coastal Engineering Plans

LEGEND TO DRAWINGS

EXISTING	PROPOSED
PROPERTY LINE	PROPERTY LINE
EASEMENT LINE	EASEMENT LINE
PROP. MONUMENT, IPN	PROP. MONUMENT, IPN
EDGE OF ROAD (NO CURB)	EDGE OF ROAD (NO CURB)
EDGE OF ROAD (CURBED)	EDGE OF ROAD (CURBED)
CONTOUR	CONTOUR
TREE/BRUSH LINE	TREE/BRUSH LINE
STONE WALL	STONE WALL
RETAINING WALL	RETAINING WALL
UTILITY POLE	UTILITY POLE
OVERHEAD WIRES	OVERHEAD WIRES
GUIDE RAIL	GUIDE RAIL
CATCH BASIN & CULVERT	CATCH BASIN & CULVERT
SEWER/SEPTIC MANHOLE	SEWER/SEPTIC MANHOLE
GRAVITY SEWER/SEPTIC	GRAVITY SEWER/SEPTIC
SEWER FORCE MAIN	SEWER FORCE MAIN
WATER MAIN & VALVE	WATER MAIN & VALVE
HYDRANT	HYDRANT
GAS MAIN & VALVES	GAS MAIN & VALVES
UNDERGROUND COMM.	UNDERGROUND COMM.
UNDERGROUND ELEC.	UNDERGROUND ELEC.
SILT FENCE	SILT FENCE
HAY BALES	HAY BALES
FENCE	FENCE
TREE OR SHRUB	TREE OR SHRUB

Revised: February 4, 2025
Revised: July 28, 2024
Revised: March 22, 2024
Revised: October 21, 2022
Revised: June 16, 2022
May 2022



ICLA Engineers, Inc.
CIVIL • STRUCTURAL • SURVEYING
317 Main Street
Norwich, CT 06360
(860) 886-1966 Fax (860) 886-9165



LOCATION MAP
Scale: 1"=400'



- [illegible]

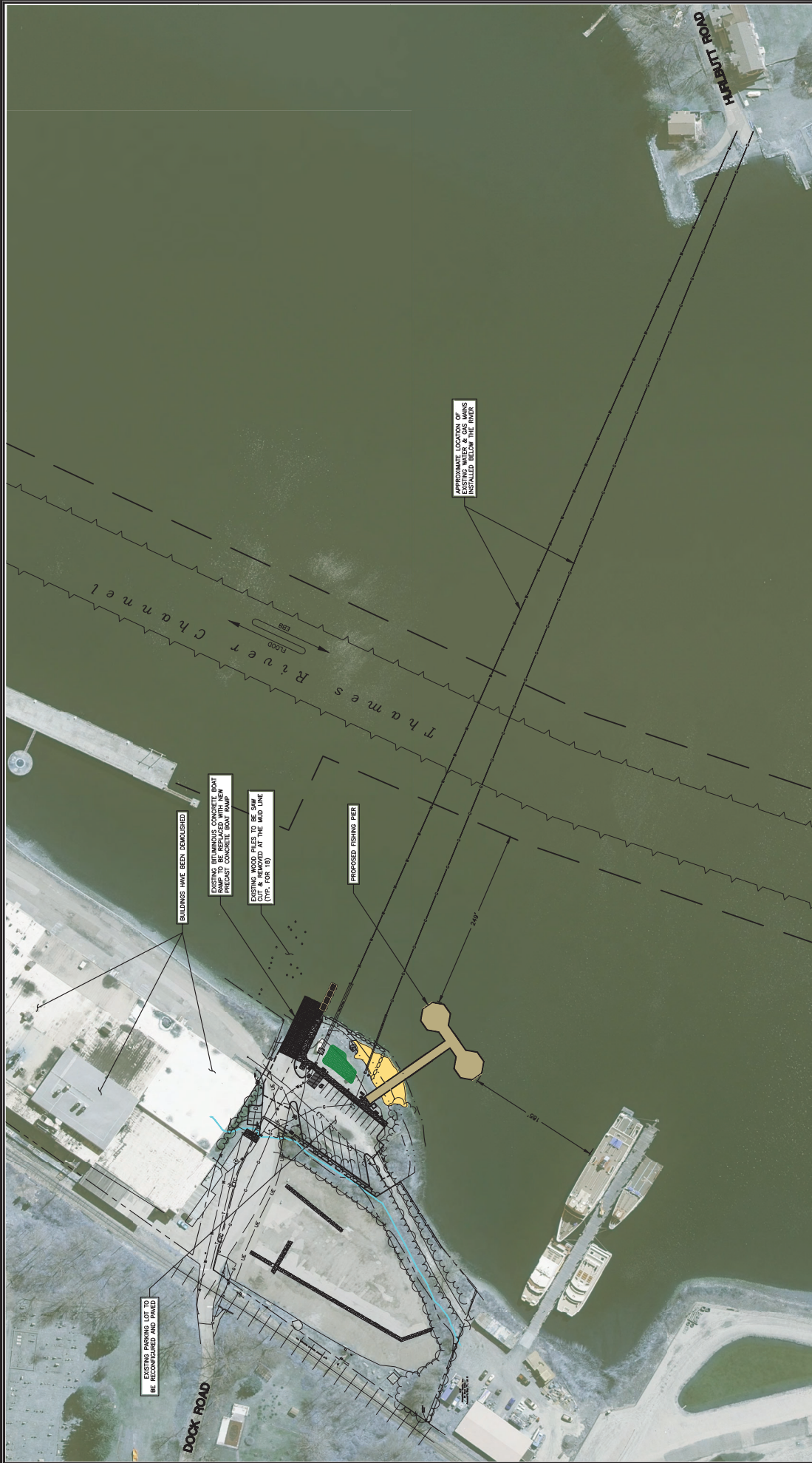
MAP REFERENCES

1. "BOUNDARY SURVEY PREPARED FOR TOWN OF MONTVILLE PROPERTY OF ROCKTECHN CP, LLC (FIFTH PARCEL)." DOCK ROAD TOWN OF MONTVILLE, CONNECTICUT PROJECT NO. CL4-63141 DATE 10/07/19 REVISED 2/10/20 SCALE 1"=20' SHEET 1 OF 1.

TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED OR DEPICTED HEREON.

RYAN J. CHEVERE, L.L.S. #70454

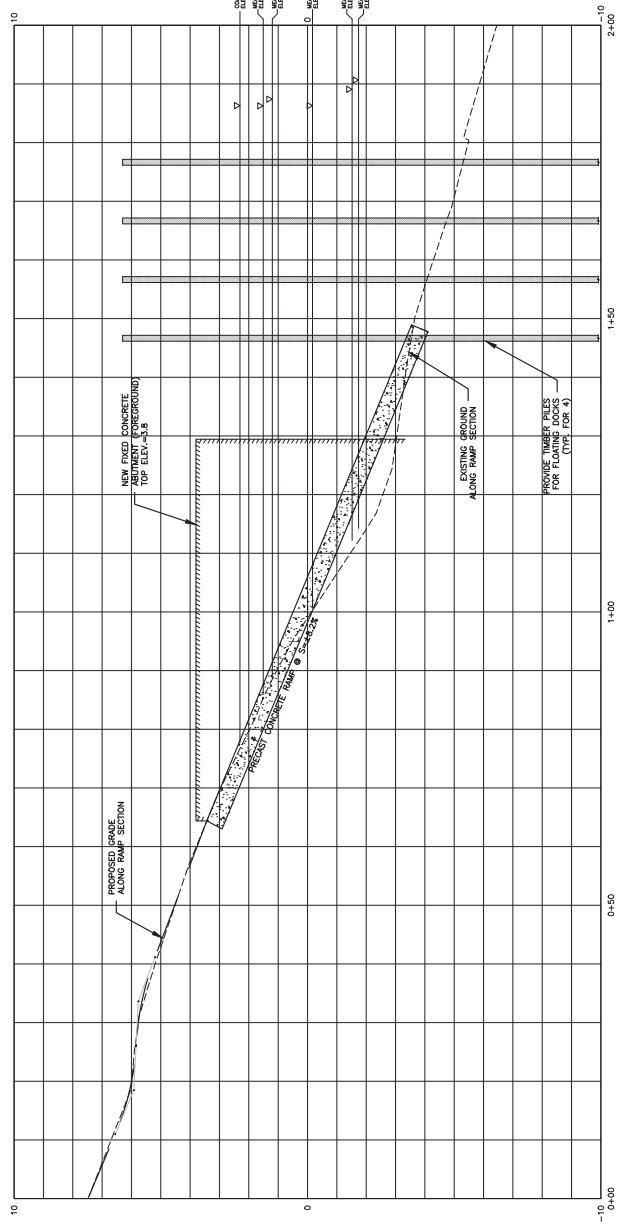
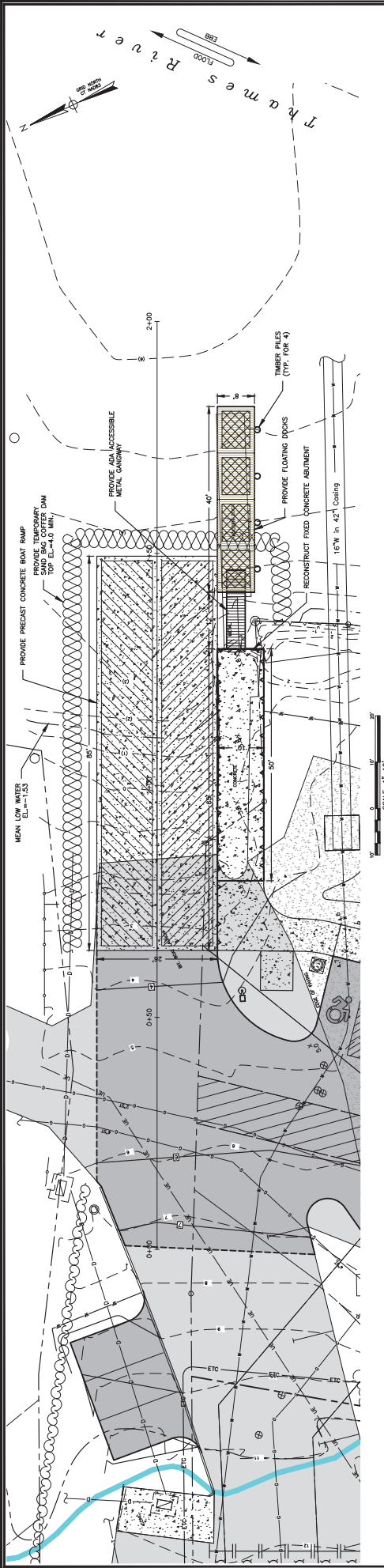
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CLA Engineers, Inc. CIVIL & STRUCTURAL SURVEYING	
312 Main Street Norwich, CT 06360 (860) 888-1800 Fax (860) 888-9185	
Project No. 2022-001 Project Name: Town Boat Launch Improvements and Fishing Pier Construction 65 Dock Road, Unseville, CT 06382	
Project Location: Town of Norwich, Connecticut	
Project Date: May 2022	
Project No. 2022-001	
Sheet No. 2	
North Arrow	
Scale: 1"=60'	
Permit Document	







Profile View
SCALE: HORIZ: 1"=10'
VERT: 1"=2'

MEASUREMENTS FROM NOAA STATION 8461497, YALE BOATHOUSE, THAMES RIVER, CT.
2. STATION DATA IS MEAN HIGH WATER ELEVATION 1.2 ESTABLISHED BY FIELD SURVEY.

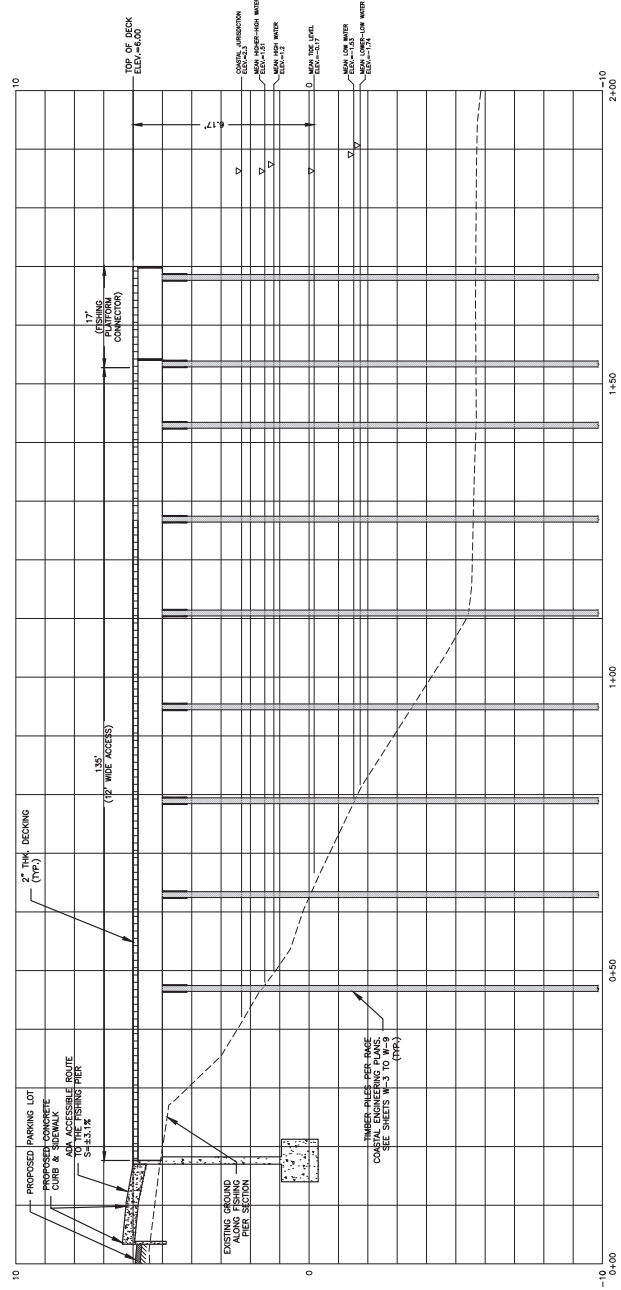
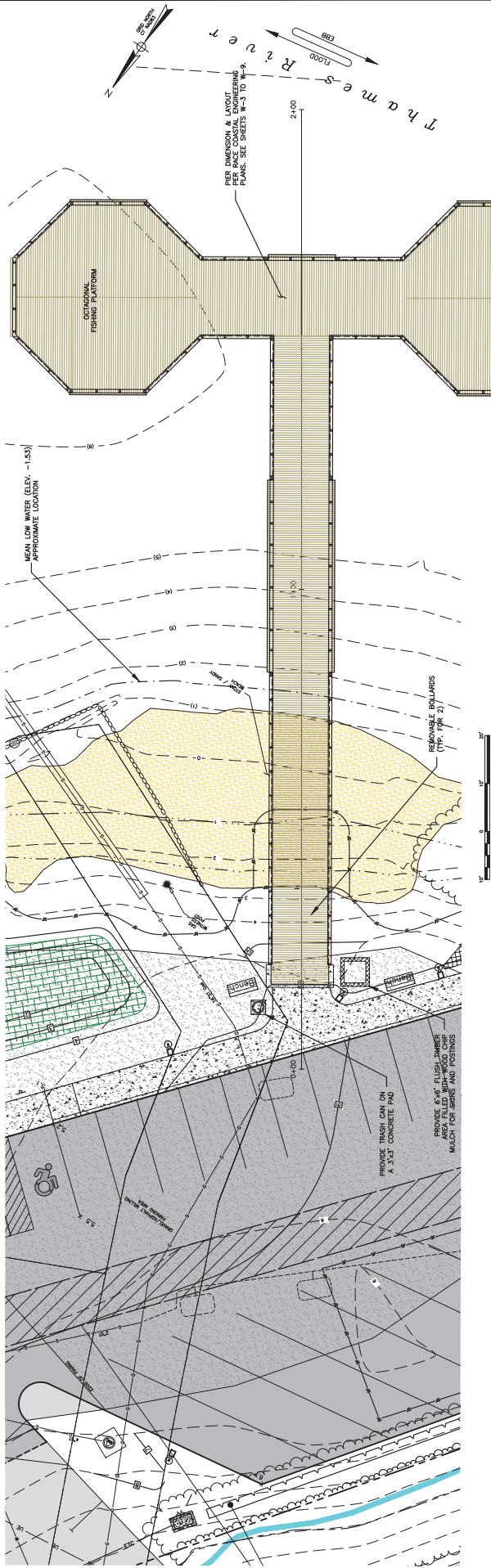
CLA Engineers, Inc.
CIVIL & STRUCTURAL SURVEYING
317 Main Street, Norwich, CT 06360
(860) 888-1800 Fax (860) 888-9185
www.cla-engineers.com

Town of Montville, Connecticut
880-1000 New London Pike, Montville, CT 06332
Project No. CL-7187
Drawn By: [Signature]
Check By: [Signature]
Date: May 2022
Sheet No. **5**

PERMIT DOCUMENT

Boat Launch and Floating Dock Plan & Profile





WATER ELEVATION NOTES:
 1. MEAN WATER ELEVATIONS FROM NOAA STATION 8461467, YALE BOATHOUSE, THAMES RIVER, CT.
 2. STATION DATUM IS MEAN HIGH WATER ELEVATION 1.2 ESTABLISHED BY FIELD SURVEY.

PERMIT
DOCUMENT

CLA

CLA Engineers, Inc.
 CIVIL & STRUCTURAL SURVEYING
 317 Main Street, Norwich, CT 06360
 (860) 886-1800 Fax (860) 886-9185
 www.cla-engineers.com

Town of Norwich, Connecticut
 800-Branch-New London Pike, Norwich, CT 06362
Town Boat Launch Improvements and Fishing Pier Construction
 65 Dock Road, Norwich, CT 06362

Project No.: 03-7187
Drawn by: E.L.E.
Check by: May 2022
Scale: 1" = 2'

Sheet No.: 7

THE PROPOSED DEVELOPMENT IS A RECONSTRUCTION OF AN EXISTING MUNICIPAL BOAT LAUNCH AND ASSOCIATED SITE IMPROVEMENTS AS SHOWN ON THE PLANS.

1. THE THAMES RIVER IS A TIDAL RIVER.
2. WORK WILL BE PERFORMED BELOW THE CTDEEP COASTAL JURISDICTION LINE (EL. 2.3).
3. THERE ARE NO INLAND WETLANDS ONSITE.
4. THE PROJECT IS LOCATED ENTIRELY WITHIN THE 100-YEAR FLOOD PLAIN (FIRM MAP #09011003614, MAP EFF. AUGUST 5, 2013)
5. THE PROJECT IS LOCATED ENTIRELY WITHIN A CT DEEP NATURAL DIVERSITY DATABASE AREA
6. THE PROJECT IS LOCATED ENTIRELY WITHIN THE COASTAL MANAGEMENT AREA

1. THE RIVER IS A TIDAL RIVER.
 2. THERE ARE NO WADSWORTH DAMS.
 3. THE PROJECT IS LOCATED WITHIN THE 100-YEAR FLOOD PLAIN.
 4. THE PROJECT IS LOCATED ENTIRELY WITHIN A C-2 NATURAL DIVISIVE AREA.
 5. THE PROJECT IS LOCATED ENTIRELY WITHIN THE COASTAL MANGROVE AREA.
 6. NO PORTION OF THE LOT LIES WITHIN THE ADJACENT PROTECTION AREA.
- GENERAL NOTES**
1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.
 2. EXISTING PROPERTY LINES AND RIGHT-OF-WAY LINES WERE SHOWN ARE APPROXIMATE AND ARE INTENDED FOR GENERAL INFORMATION ONLY.
 3. EXISTING GRADING LINES AS SHOWN ON THESE PLANS IS BASED ON FIELD SURVEY PERFORMED BY C.A. ENGINEERS INC.
 4. CONDUITS UNDER THE DRIVE SHALL BE 36" DEEPER AND 18" AT 811 AT LEAST TWO FULL SPANS LONGER THAN THE DRIVE.

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.

- [illegible]

12. ALL STREET SIGNS, MAILBOXES, PLANTINGS, ORNAMENTAL OBJECTS, LIGHTS, LANDSCAPE SHRUBBERY, ETC., SHALL BE PROTECTED FROM DAMAGE AND SHALL BE REPLACED IN THE SAME OR BETTER CONDITION BY THE CONTRACTOR IF DISTURBED OR DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION.
13. RESIDENTS WITH DRIVES AFFECTED BY CONSTRUCTION SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 HOURS BEFORE CONSTRUCTION BEGINS AND SHALL BE ALLOWED ACCESS TO THEIR PROPERTY.

14. THE CONTRACTOR SHALL MAINTAIN A SET OF RECORD DRAWINGS WHICH SHALL BE SUBMITTED TO THE ENGINEER AT THE COMPLETION OF THE PROJECT.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING AND GRADING ALL FURNISHED, GATES, WALLS, AND OTHER STRUCTURES THAT ARE DAMAGED OR DESTROYED BY THE CONSTRUCTION. THERE SHALL BE NO DAMAGE TO EXISTING OR ADJACENT UTILITY LINES. THERE SHALL HAVE A ONE:1 RATIO RELATION TO FINISHED GRADE.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY AND PERMANENT SUPPORT OF ALL EXISTING UTILITY POLES IN ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES REQUIRED BY UTILITY AGENCIES. ALL COSTS FOR TEMPORARILY SUPPORTING UTILITY POLES DURING CONSTRUCTION SHALL BE INCLUDED IN OTHER ITEMS.
17. IF BLASTING IS PERFORMED A PRE-BLAST SURVEY WILL BE REQUIRED. ANY AND ALL COSTS FOR THE PRE-BLAST SURVEY SHALL BE INCLUDED IN OTHER ITEMS. THERE SHALL BE APPROVED BY THE APPROPRIATE TOWN AGENCIES AND ADJACENT UTILITY OWNERS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEY AND STAKEOUT ON THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES. THERE SHALL BE NO DAMAGE TO EXISTING OR ADJACENT UTILITY LINES. THERE SHALL HAVE A ONE:1 RATIO RELATION TO FINISHED GRADE.
19. MATERIALS, STOCKPILE AND STAGING AREAS, STOCKPILE AND STAGING AREAS ARE SHOWN ON THE PROJECT PLANS. ADDITIONAL AREAS IS REQUIRED THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES. THERE SHALL BE NO DAMAGE TO EXISTING OR ADJACENT UTILITY LINES. THERE SHALL HAVE A ONE:1 RATIO RELATION TO FINISHED GRADE.

21. CLEARING AND GRUBBING - ALL TREES, BRUSH, VEGETATION, ETC. SHALL BE CUT DOWN BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ALSO ABUTTING PROPERTY OWNERS THE OPPORTUNITY TO TAKE CUT WOOD FOR THEIR PRIVATE USE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL REMAINING STUMPS, CUT-UP TREES & LIMBS, ETC. WITHIN THE CONTRACTOR LIMITS. CONTRACTOR SHALL PROTECT REMAINING TREES FROM DAMAGE DURING CONSTRUCTION. TREES UNNECESSARILY CUT OR DAMAGED BY THE CONTRACTOR'S FORCES SHALL BE REPLACED, OF COMPARABLE SIZE AND TYPE, BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

22. PERMANENT PAVEMENT MARKINGS SHALL CONFORM WITH ARTICLE 12.10 OF THE DOT FORM 818 SPECIFICATIONS.
23. ALL WORK TO CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 818, DATED JULY 2023, AS REVISED.

4" ROLLED BANK GRAVEL SURFACE
PER D.O.T. 818, M.02.03 SPEC.
EXISTING GRAVEL OR 6"
PROCESSED GRAVEL PER
DOT 818 SPEC. GRADE AND
COMPACT EXISTING GRAVEL.

-
- 4" ROLLED BANK GRAVEL SURFACE PER D.O.T. 818, M.02.03 SPEC.
- EXISTING GRAVEL OF 4" COMPACT EXISTING GRAVEL
- DO NOT COMPACT EXISTING GRAVEL
- EXISTING SUBGRADE TO REMAIN
- DO NOT SOIL
- RAVEL DRIVE SECTION DETAIL

PROVIDE COMPACTION ON ALL TRENCH BACKFILLS, EXCAVATIONS

- NOT TO SCALE

TONS 10 1.0N

-

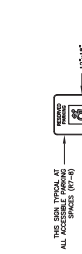
PROVIDE CONTINUOUS TACK COAT ALONG EDGE WHEN MATCHING EXISTING PAVEMENT TO NEW PAVEMENT. CONTRACTOR TO PROVIDE COMPACTION ON ALL TRENCH BACKFILLS. EXCAVATION AND BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE DRY DENSITY FOR THAT MATERIAL. MATERIALS SHALL BE TESTED IN ACCORDANCE WITH AASHTO T1150, METHOD D.

TYPICAL PAVEMENT SECTION DETAIL
NOT TO SCALE

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

THIS SIGN TYPICAL AT ALL ACCESSIBLE PARKING SPACES (W7-8)

12' x 18'

REQUIRED PARKING

WHEELCHAIR SYMBOL

SPACE MUST ACCOMMODATE WHEELCHAIR

THIS SIGN TYPICAL AT ALL VAN ACCESSIBLE PARKING SPACES



NOT TO SCALE



4. INSTALL SHRUBS AND ALL PLANTINGS IN CONFORMANCE WITH THE CONSTRUCTION DETAILS AND LANDSCAPING NOTES HEREIN.

LANDSCAPE SCHEDULE:

1. EACH WATER QUALITY BASIN SHALL BE PLANTED IN ACCORDANCE WITH THE LANDSCAPE SCHEDULE.

2. REFRESH MULCH AROUND PLANTING YEARLY, AS NEEDED.
3. REMOVE SEDIMENT AND LEAF LITTER THREE YEARLY
4. REFRESH PLANTING BEDS IN NOVEMBER 15 (AFTER LEAF FALL)
5. DURING APRIL (AFTER SNOW MELT)

NOT TO SCALE

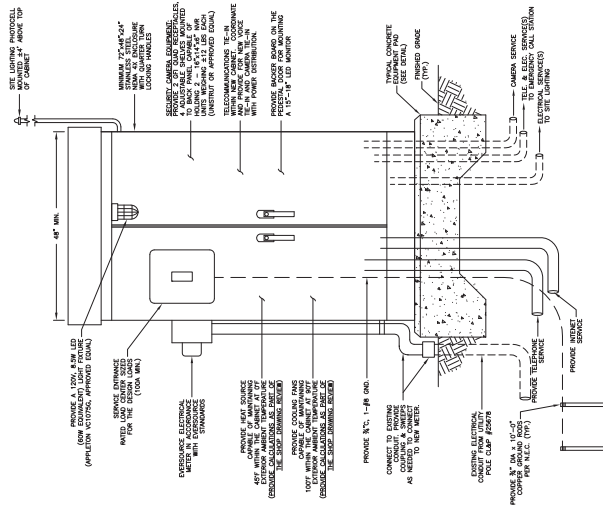
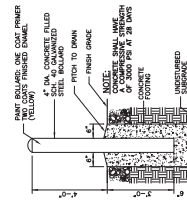
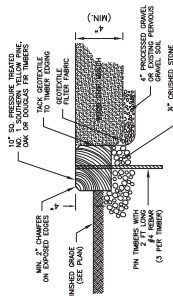
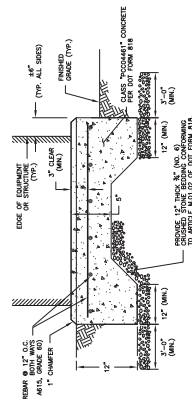
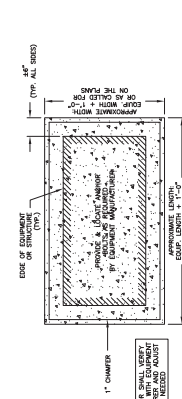


Diagram of a typical nose bar. The bar has a width of 5 inches. Labels include: "NO. 3 NOSE BARS (TYP.)", "MIN. COVER 1 1/2\"", "TOOLED JOINT", "WIDTH AS NOTED ON THE PLANS", and "SEE PLAN FOR % / 100".



SINGLE FOUR CONCRETE CURB & SIDEWALK
NOT TO SCALE

[illegible]



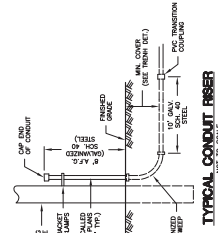
ELECTRICAL PEDESTAL ENCLOSURE DETAIL

NOT TO SCALE

ELECTRICAL SERVICE/SYSTEM REQUIREMENTS

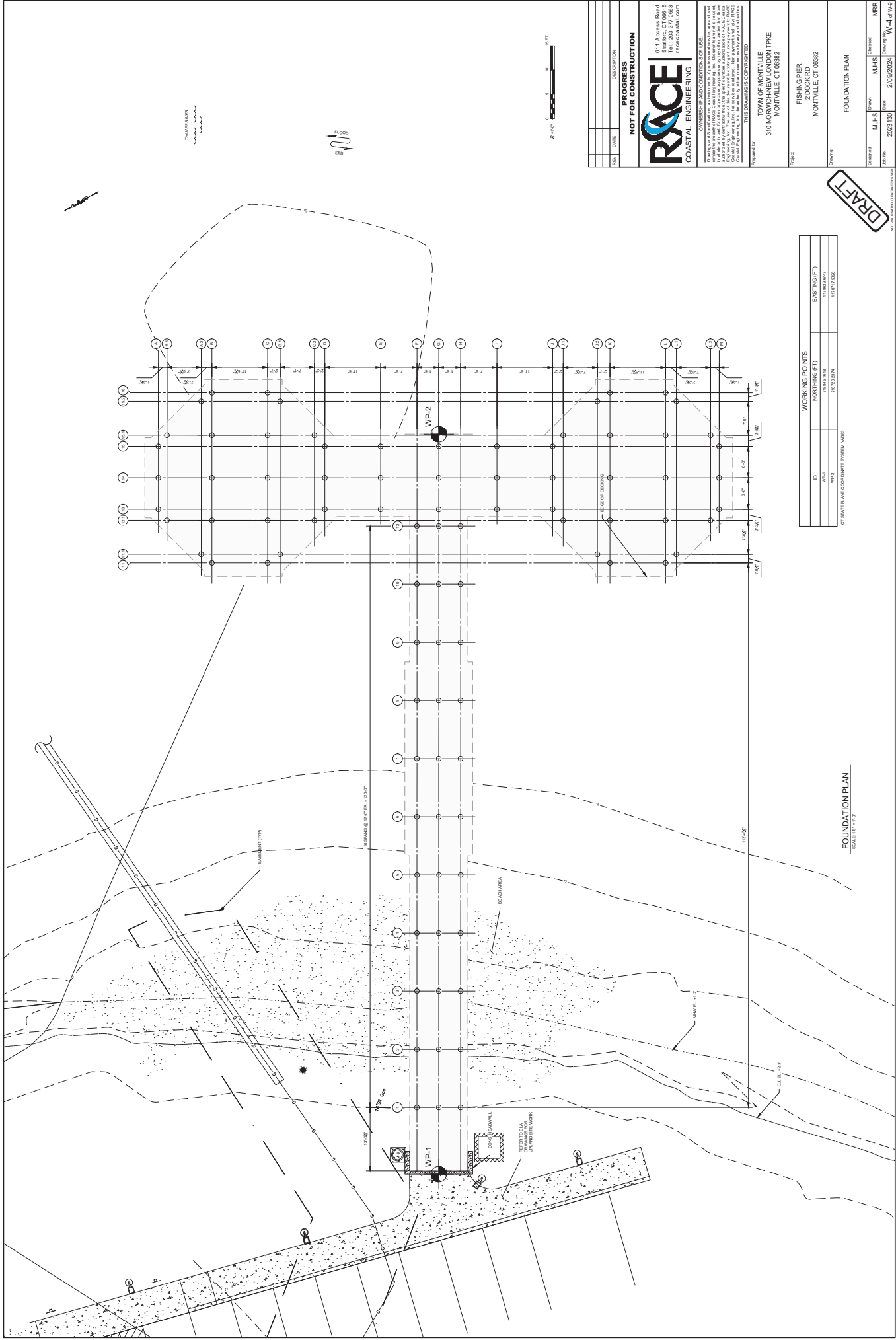
THE ELECTRICAL SERVICE, SITE LIGHTING, AND SECURITY CAMERA CONDUIT & WIRING SHALL BE DESIGNED AND BUILT BY THE CONTRACTOR. THE LIGHTING CONCRETE BASES, POLES, FIXTURES, AND LUMINAIRES SHALL BE AS SHOWN ON THE CONTRACT DRAWINGS. THE SYSTEM SHALL INCLUDE THE FOLLOWING AT A MINIMUM:

1. METER, PANELBOARD, AND ELECTRICAL SERVICE SHALL BE SIZED, SPECIFIED, AND CONSTRUCTED TO MEET EVERSCOPE REQUIREMENTS.
2. THE ELECTRICAL SERVICE SHALL BE 100A MINIMUM. THE ELECTRICAL LOADS FOR THE SITE SHALL BE DETERMINED BY THE CONTRACTOR. THE ELECTRICAL SYSTEM SHALL INCLUDE THE FOLLOWING:
 - A. EXISTING AND PROPOSED SITE LIGHTING AS SHOWN ON THE PLANS AND DETAILS.
 - B. EXISTING AND PROPOSED SECURITY CAMERA SYSTEMS.



TYPICAL CONDUIT RISER

COMING



WORKING POINTS		
ID	NORTHING (FT)	EASTING (FT)
WP-1	798445.9918	11770213.6747
WP-2	798723.2374	11776717.5028

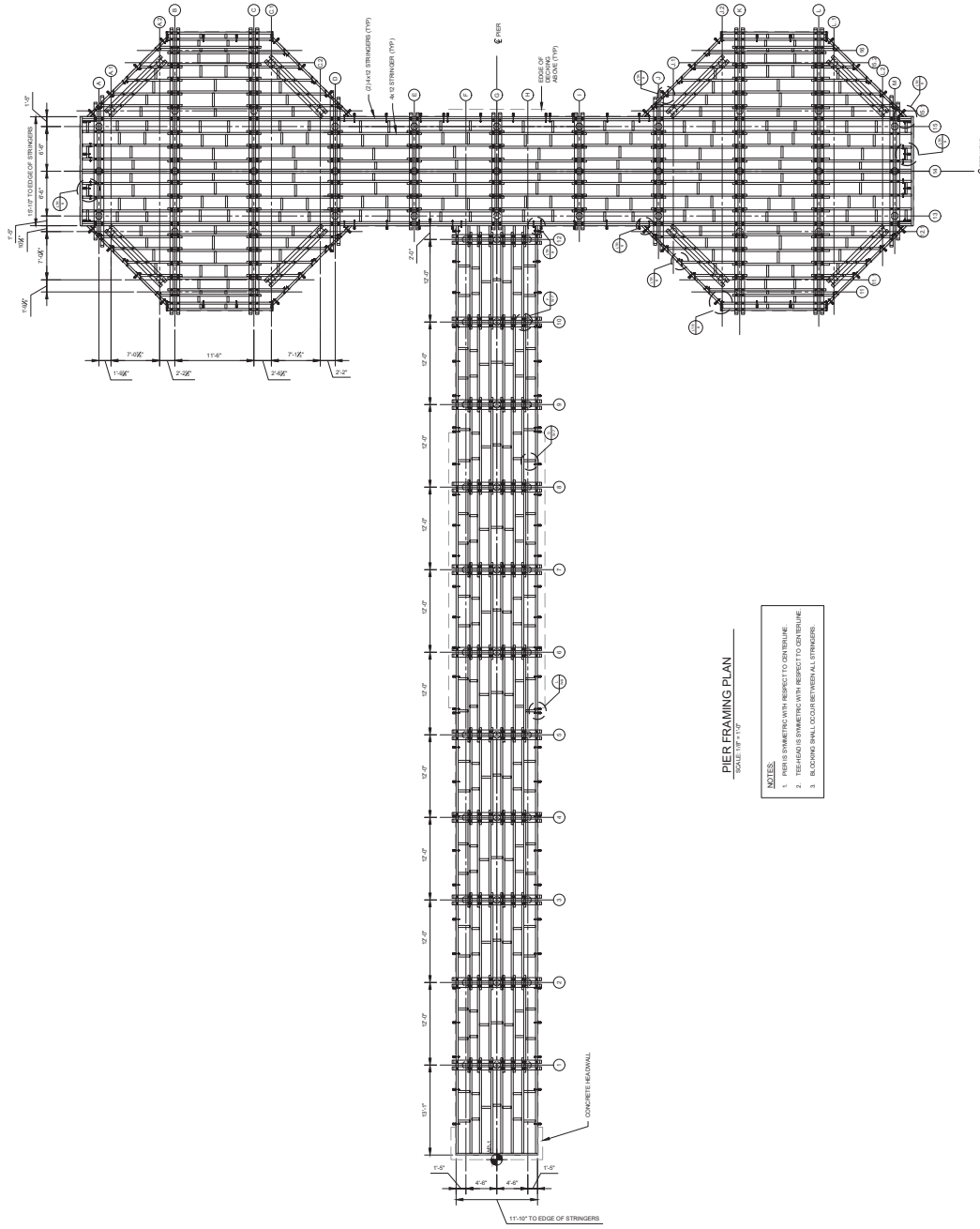
CT STATE PLANE COORDINATE SYSTEM NAD83

FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

SCALE: 1.0" = 1'-0"

[illegible]

NOT VALID WITHOUT ENGINEER'S SEAL



PIER FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTES:
1. PIER IS SYMMETRIC WITH RESPECT TO CENTERLINE
2. TIE-HEAD IS SYMMETRIC WITH RESPECT TO CENTERLINE
3. BLOCKING SHALL OCCUR BETWEEN ALL STRINGERS

DRAFT

THAMES RIVER

1"=40'-0"

1"=40'-0"

0' 0" 10' 0" 20' 0"

0' 0" 10' 0" 20' 0"

REVISION

DATE

DESCRIPTION

NOT FOR CONSTRUCTION

PROGRESS

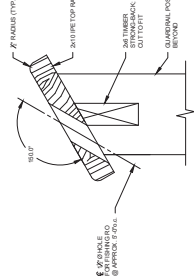
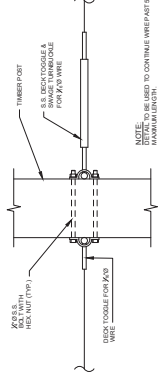
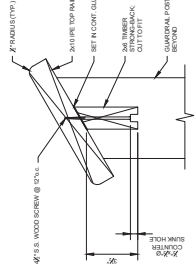
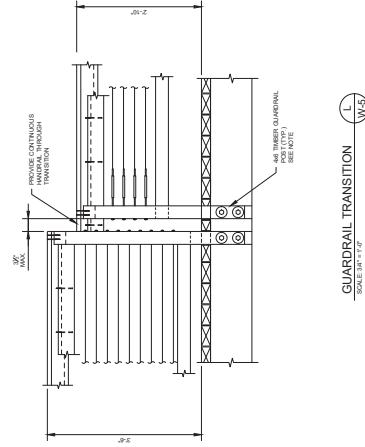
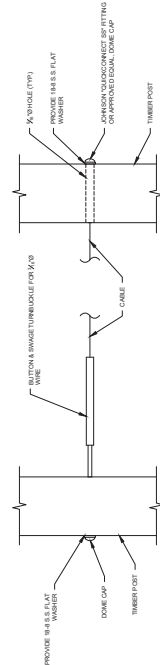
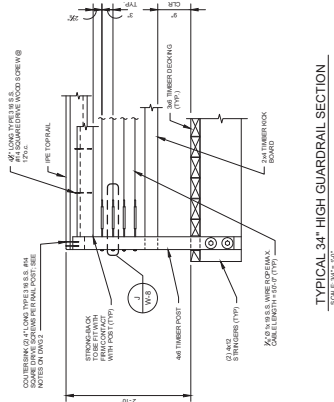
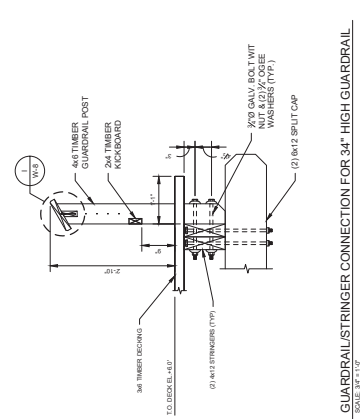
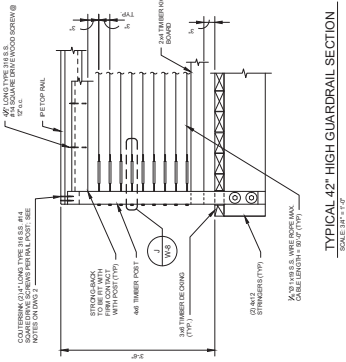
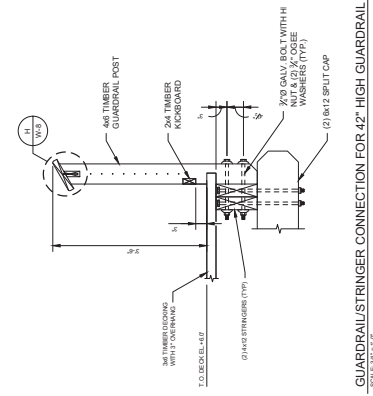
RACE

COASTAL ENGINEERING

611 Access Road
Stonington, CT 06066
Phone: 860.339.1111
Fax: 860.339.1112
rce@coastal-engineering.com

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THIS DRAWING IS UNPUBLISHED		
Project No. 310 NORTH-NEW LONDON TPIE MONTVILLE, CT 06082		
Project Name FISHING PIER 2 DOCK RD MONTVILLE, CT 06082		
Drawing Name FRAMING PLAN		
Designed by MJHS	Checked by MJHS	Drawn by MJHS
Date 2/09/2024	Scale 1/8" = 1'-0"	Sheet No. W-5 of W-9
Project Manager MRR		Client TOWN OF MONTVILLE

[illegible]



1. ALL RAILING JOINTS SHALL BE KEPT CUT LOCATED AT GUARDRAIL END OF EACH JOINT. TOP RAIL PLASTIC RESIN GUE OR APPROVED EQUIVALENT BY THE ENGINEER.
2. COUNTERSUNK HOLES ON TOP OF THE TOP RAIL SHALL BE PLUGGED USING THE SAME MATERIAL AS THE TOP RAIL.
3. CONTRACTOR TO USE WELDED, PLASTIC RESIN GUE OR APPROVED EQUIVALENT TO SECURE THE WOOD PLUGS.
4. ONCE PLUGS AND CURVED CONTRACTOR TO SAND THE TOP RAILS TO MATCH THE CURVED RAIL.
5. POWER SCISSORS SHALL BE USED AT TOP RAIL JOINT WHEN THE JOINT LANDS ON A JOINT OF OVERLAP JOINTS.
6. TOP RAILS AND INTERMEDIATE RAILS SHALL BE CONTINUOUS THROUGHOUT THE PROJECT.
7. TOP RAIL NERVE AT END OF A JOINT TOP RAIL AND ROCK PLATE TO BE CONTINUOUS THROUGHOUT PIER.

[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: Town of Montville

Municipality in which the project is occurring: Montville

DEEP License No(s): 202408219

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)