

ATTACHMENT P4

OLDER NMFS CONSULTATION MATERIALS:
MCA 03/15/2019 LETTER

(SEE ATTACHMENT M4, ABOVE, FOR ADDITIONAL DETAIL)

From: [Zachary Jylkka - NOAA Federal](#)
To: [Rima Laukaitis](#)
Cc: [Garbolski, Michael](#); [Joseph.Salvatore@ct.gov](#); [Ray, Diane M CIV USARMY CENAF \(US\)](#)
Subject: Re: State Pier New London
Date: Monday, March 18, 2019 3:25:03 PM
Attachments: [image001.png](#)
[image002.png](#)

Hi Rima,

To confirm, at this stage, you are looking for me to review the information you've provided (related to ESA species presence) and respond with any general concerns we would have about the project? Your letter does state that, "We are contacting you to initiate informal consultation under Section 7(a)(2) of the Endangered Species Act (ESA)." Only the Federal Action Agency (or their designated non-federal representative) can request initiation of Section 7 consultation. In this case, that letter would need to come from USACE. We also have a number of requirements for the content of such a letter before we can move forward with initiation.

Best,
Zach

On Fri, Mar 15, 2019 at 11:48 AM Rima Laukaitis <rlauk@martinezcouch.com> wrote:

Dear Mr. Jylkka,

The Connecticut Port Authority (CPA) is proposing facility infrastructure repairs and improvements that would better position the State Pier Facility to capture emerging East Coast shipping opportunities and accommodate some of the logistics in cargo flow in Connecticut. We are contacting you to initiate informal consultation under Section 7(a)(2) of the Endangered Species Act (ESA).

A joint permit application is currently in preparation encompassing a Structures, Dredging & Fill permit and 401 Water Quality Certification permit for submission to the Connecticut Department of Energy & Environmental Protection (CT DEEP) Land and Water Resources Division (LWRD), and a 404 (Clean Water Act) and Section 10 (Rivers and Harbors Act) permit application for submission to the U.S. Army Corps of Engineers (USACE) for impacts to coastal waters.

Please review the attached project information, provide your response relative to the species list provided herein, indicate any concerns regarding potential impacts and let us know if you have any questions or require additional information to facilitate your review.

Thank you,

Rima Laukaitis, P.E.

Project Manager

MARTINEZ COUCH & ASSOCIATES, LLC

1084 Cromwell Avenue, Suite A-2

Rocky Hill, CT 06067

T: 860-436-4364

F: 860-436-4626

rlauk@martinezcouch.com

MartinezCouch.com

Site/Civil Engineering | Land Surveying | Wastewater Engineering

Environmental Consulting | GIS | Construction Phase Services



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Zach Jylkka
Fisheries Biologist
Protected Resources Division
Greater Atlantic Regional Fisheries Office
NOAA Fisheries
Gloucester, MA 01930
zachary.jylkka@noaa.gov
office: (978) 282-8467

For additional ESA Section 7 information and Critical Habitat guidance, please see:
www.greateratlantic.fisheries.noaa.gov/protected/section7



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March 15, 2019

Mr. Zach Jylkka, Fishery Biologist
New England Region
NOAA Fisheries, Greater Atlantic Regional
Protected Resources Division
55 Great Republic Drive
Gloucester, MA 01930-2276
Phone: 978-282-8467
Sent via email: zachary.jylkka@noaa.gov

Re: **State Pier Infrastructure Improvements
200 State Pier Road
New London, CT.
Request for Informal ESA Section 7 Consultation**

Dear Mr. Jylkka,

The Connecticut Port Authority (CPA) is proposing facility infrastructure repairs and improvements that would better position the State Pier Facility to capture emerging East Coast shipping opportunities and accommodate some of the logistics in cargo flow in Connecticut. We are contacting you to initiate informal consultation under Section 7(a)(2) of the Endangered Species Act (ESA). We are currently in the process of completing an Essential Fish Habitat Assessment (EFH) and anticipate submitting that document to your office for further review shortly. CPA has reviewed the National Marine Fisheries Services' mapper tool and has determined the following federal Endangered Species Act (ESA) listed species may occur proximate to the project area: Atlantic sturgeon and shortnose sturgeon and four species of sea turtle; leatherback, loggerhead, Kemp's ridley, and green (Attachment A). We are requesting confirmation of this species list from your office.

CPA has reviewed the United States Fish and Wildlife Services' (USFWS) IPaC website, which indicated the potential presence of the Roseate tern, Northern long-eared bat and the small whorled pogonia as potentially occurring on or near the site. CPA will continue consultation for these species with the USFWS and/or United States Army Corps of Engineers (USACE), as appropriate. CPA has likewise submitted a consultation request to the Connecticut Department of Energy & Environmental Protection's Natural Diversity Database Base (NDDDB) for the Project on January 28, 2019 and has yet to receive a response. CPA had consulted NDDDB last year during the work to complete the collapsed Central Wharf Platform demolition on the site. The previous response from NDDDB is included in Attachment B.

The project is proceeding with our current understanding of the required Connecticut State Fisheries time-of-year (TOY) restrictions that there will be no in-water work from June 1 through September 30 and dredging would occur only within the window of October 1 through January 31. CPA will request



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further input from your office upon submittal of the EFH and Biological Assessment.

A summary of the project is as follows:

a. **Owner Information:**

Connecticut Port Authority
Attn: Evan H. Matthews, Executive Director
455 Boston Post Road, Suite 204
Old Saybrook, CT 06475
Phone: 860-577-5174
Email: evan.matthews@ct.gov

b. **Consultant/Agent Information:**

Lead Design Engineer
Moffatt & Nichol, Inc.
Attn: Joshua Singer, P.E.
180 Wells Avenue, Suite 302
Newton, MA 02459
Phone: 617-299-7330
Email: jsinger@moffattnichol.com

Owner Representative and Environmental Permitting
AECOM
Attn: Michael Garbolski, PE
500 Enterprise Drive
Rocky Hill, CT 06517, USA
Phone: 860-263-5821
Email: michael.garbolski@aecom.com

Environmental Permitting
Martinez Couch and Associates, LLC
Attn: Richard E. Couch, P.E.
1084 Cromwell Avenue
Rocky Hill, CT 06067
Phone: 860-436-4364
Email: couchre@martinezcouch.com

c. **Existing Conditions:**

Name of Waterway: Thames River

Location of Piers on Waterway: The New London State Pier Facility is situated in Southeastern Connecticut approximately 100 miles south of Boston, Massachusetts and 130 miles northeast of New York City. The State Pier Facility is located approximately 3 miles upstream from the mouth of the Thames River and minutes from downtown New London, CT. Lat: 41.359373° N, Lon: 72.091748° W

Pier Location (City/Town): New London, Connecticut.

Location Map: Project Location Map (Attachment C).

Existing Conditions Plan: See Attachment F. The State Pier Facility has two main pier structures: the Admiral Harold E. Shear State Pier and the Central Vermont Railroad (CVRR) Pier. The State Pier is an approximately 1,000-foot-long pier structure with 200 feet of apron width. The State Pier has two main berths, with water depths of 35 feet at Mean Low Water (MLW) at the eastern berth and 30 feet MLW at the western berth, with equivalent approach depths from the boundary of the federal channel.

The CVRR Pier, (formerly known as the Long Dock) is a pier approximately 1,080 feet long (measured along the west side). The width varies from 180 feet wide for the first 280 feet, 150 feet wide for the middle 540 feet, and 200 feet wide for the end 260 feet. The head of the pier provides a 220 foot (along south face) by 275 foot (along east face) working area.

The pier consists of granite block retaining walls and structural fill interior, with a finished surface elevation that varies from approximately elevation +4.5 to +5.5 NAVD 88. The western side of the pier primarily serves as berthing for the local fishing fleet with barge operations taking place at the pier head.

All pier areas have large workable aprons providing a wide range of flexibility related to handling of vessels and cargo. The State Pier Facility and adjacent property are currently used primarily for the off-loading, storage and distribution of lumber, steel products and other neo-bulk products arriving by ship and rail and redistributed by truck. The storage areas have varied surfaces comprised of pavement, packed dirt and gravel. The main work space on the apron is illuminated by a high-level pier lighting system installed in 2010. The apron is equipped with direct on dock rail for standard gauge rail equipment that connects to upland warehouses and the interchange with the New England Central Railroad (NECR).

The facility incorporates six primary structures consisting of warehouses, a garage, an administration building and other supporting structures.

On site utilities include municipal water and sanitary sewer as well as electricity, telephone and natural gas.

The State Pier Facility can be broken down into three general areas including the piers, shoreline, and the upland storage areas.

The piers have direct access to marine shipping activities while the shoreline bulkheads consist of paved and unpaved surfaces which are directly accessible to marine activities. They also contain the various structures and existing railroad tracks. The upland areas are somewhat fragmented from the main pier areas due to the intersecting modes of transportation including the NECR and Amtrak railroad lines and State Pier Road.

The State Pier Facility is primarily flat, with the exception of a hillock land formation on the northeast open area of the site, east of the entrance road, south of State Pier Road and north of the Administration Building. The hillock formation is approximately 15' feet higher than the shoreline bulkhead and is defined by vegetated steep slopes. This land formation is proposed to be cut down and regraded as part of the State Pier Facility improvements.

Tidal Wetlands: No tidal wetlands would be directly impacted by the Project.

d. **Proposed Improvements:**

Project Description

This project seeks to retrofit the existing State Pier complex in New London, CT so that it can serve as a regional wind turbine generation (WTG) offshore wind port.

- This facility will be able to import large components such as: turbines, blades and towers.
- In addition, the facility will preassemble and load out these components onto installation vessels that will then transport the components to site for final installation.

The site will be prepared so that offshore wind developers can utilize the facility via a lease agreement to perform the tasks mentioned above. The site improvements will occur both on the uplands and the existing marine infrastructure.

Refer to the illustration in the Attachment D: Proposed Improvements to the State Pier that includes the following items:

Upland Area

- Regrading of the +/- 25 acres of the upland area
- Demolition of various buildings
- Installation of storm water management system
- Upgraded utility feeds

- Installation of new bulkheads to support vessel berthing and heavy lift operations over the existing northeast bulkhead
- Installation of elevated platform structures for critical infrastructure resiliency (i.e. electrical equipment)
- Construction of administrative building and parking area

Waterfront Works

- Creation of approximately seven (7) acres of heavy-lift pad via installation of a bulkhead at the southern end of the existing CVRR and State Piers and placing fill between the piers.
- Raising the elevation of the CVRR pier to match the State Pier and newly installed fill between the piers.
- Creation of an armored slope on the west side of the CVRR pier to laterally support the newly placed fill.

The work will be performed in two phases

- Phase 1: Upland Area work
- Phase 2: Waterfront work

Storage of materials and equipment that could be injurious to human health or the environment (buoyant, hazardous, flammable, explosive, soluble, expansive, or radioactive) in the event of flooding shall be prohibited below the elevation of the base flood elevation. Other material or equipment may be stored below the base flood elevation provided that such material or equipment is not subject to major damage by floods and provided that such material or equipment is firmly anchored, restrained, or enclosed to prevent it from floating away or that such material or equipment can be removed prior to flooding.

Project Duration and Expected Year(s) of Construction: The construction will be completed in two (2) phases, Upland Area and Waterfront Works. Upland Area construction is anticipated to start in January, 2020, and Waterfront Works construction is anticipated to start is July, 2020. The total project is expected to be completed over a 3 year period.

Proposed Plans: See Attachment F for a selection of progress print sheets which are applicable to the work within and above the waterway. The Attachment F selection of sheets includes the following:

- Existing Conditions
- Existing Topographic and Hydrographic Conditions
- Demo and removal
- Proposed Plan
- Civil Plan
- Phasing Plan



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- E-section_CVRR-SC-S005

Funding Source of Project: The project is expected to be funded by State, and private funds.

A joint permit application is currently in preparation encompassing a Structures, Dredging & Fill permit and 401 Water Quality Certification permit for submission to the Connecticut Department of Energy & Environmental Protection (CT DEEP) Land and Water Resources Division (LWRD), and a 404 (Clean Water Act) and Section 10 (Rivers and Harbors Act) permit application for submission to the U.S. Army Corps of Engineers (USACE) for impacts to coastal waters.

Please review the enclosed project information, provide your response relative to the species list provided herein, indicate any concerns regarding potential impacts and let us know if you have any questions or require additional information to facilitate your review.

Regards,

A handwritten signature in blue ink, appearing to read 'Richard E. Couch'.

Richard E. Couch, P.E.
LLC Member
Martinez Couch & Associates, LLC
Phone: (860) 436-4364
Couchre@martinezcouch.com

cc. Joseph R. Salvatore, Connecticut Port Authority
Michael Garbolski, AECOM
Diane Ray, ASACOE

Attachments:

The following attachments have been included for the project to assist in the review of the project:

Attachment A - NOAA Area of Interest Information
Attachment B - Previous Communication with NDDDB, December 8, 2017
Attachment C - Project Location Map
Attachment D - Proposed Improvements to the State Pier
Attachment E - Post Construction Rendering
Attachment F - Site Plans - Progress Prints (*See list of sheets above*)

ATTACHMENT A

NOAA AREA OF INTEREST INFORMATION

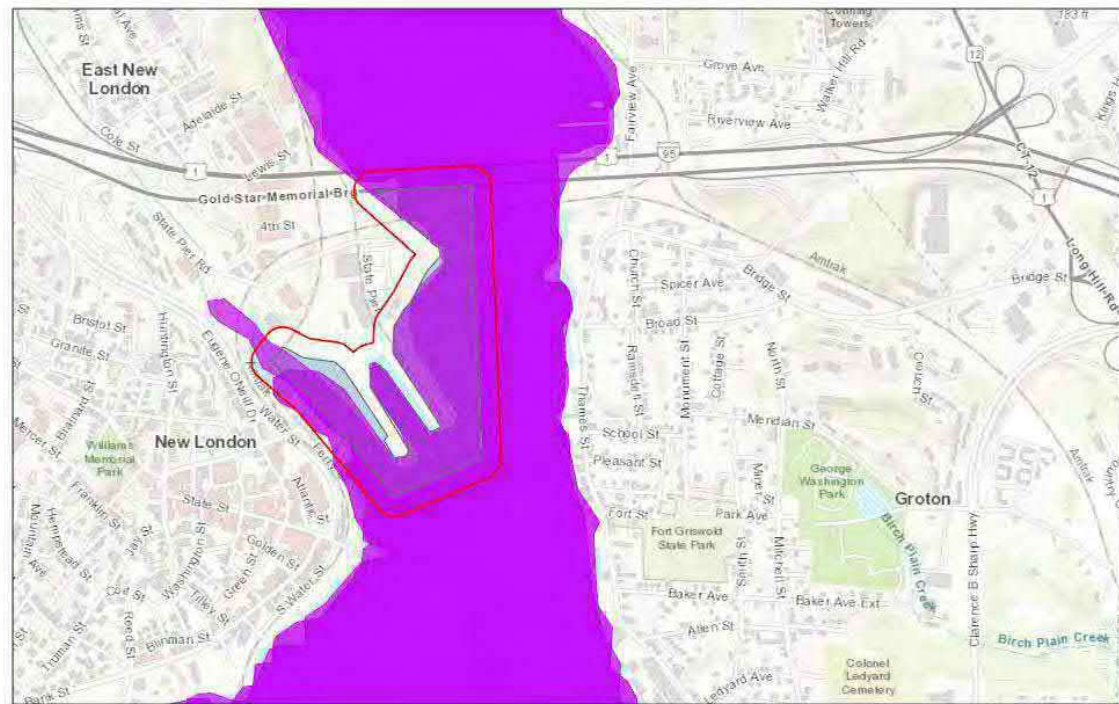


Drawn Action Area & overlapping S7 Consultation Areas

Area of Interest (AOI) Information

Area : 118.36 acres

Mar 14 2019 14:2:16 Eastern Daylight Time



- Atlantic Sturgeon
- Sea Turtles
- Shortnose Sturgeon



Summary

Name	Count	Area(acres)	Length(mi)
Atlantic Sturgeon	2	154.74	N/A
Shortnose Sturgeon	1	77.37	N/A
Atlantic Salmon	0	0	N/A
Sea Turtles	4	355.25	N/A
Atlantic Large Whales	0	0	N/A
In or Near Critical Habitat	0	0	N/A

Atlantic Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres)
1	ANS_THA _ADU_MA F	Atlantic sturgeon	Adult	Migrating & Foraging	Thames River	01/01	12/31	N/A	N/A	77.37
2	ANS_THA _SUB_MA F	Atlantic sturgeon	Subadult	Migrating & Foraging	Thames River	01/01	12/31	N/A	N/A	77.37

Shortnose Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres)
1	SNS_THA _ADU_MA F	Shortnose sturgeon	Adult	Migrating & Foraging	Thames River	01/01	12/31	N/A	N/A	77.37

Sea Turtles

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres)
1	LTR_STS_AJV_MAF	Leatherback sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	88.81
2	LOG_STS_AJV_MAF	Loggerhead sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	88.81
3	KMP_STS_AJV_MAF	Kemp's ridley sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	88.81
4	GRN_STS_AJV_MAF	Green sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	88.81

DISCLAIMER: Use of this App does NOT replace the Endangered Species Act (ESA) Section 7 consultation process; it is a first step in determining if a proposed Federal action overlaps with listed species or critical habitat presence. Because the data provided through this App are updated regularly, reporting results must include the date they were generated. The report outputs (map/tables) depend on the options picked by the user, including the shape and size of the action area drawn, the layers marked as visible or selectable, and the buffer distance specified when using the "Draw your Action Area" function. Area calculations represent the size of overlap between the user-drawn Area of Interest (with buffer) and the specified S7 Consultation Area. Summary table areas represent the sum of these overlapping areas for each species group.

ATTACHMENT B

PREVIOUS COMMUNICATION WITH NDDB, DECEMBER 8, 2018



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

December 8, 2017

Mr. Evan H. Matthews
Connecticut Port Authority
455 Boston Post Road, Suite 204
Old Saybrook, CT 06475
Evan.matthews@ct.gov

Project: Proposed Repair Partial Collapse to the State Pier Located at 200 State Pier Road, New London, Connecticut
NDDB Determination No.: 201710380

Dear Evan Matthews,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map provided for the Proposed Repair Partial Collapse to the State Pier located at 200 State Pier Road, New London, Connecticut. We have known extant records for State Threatened *Falco Peregrinus* (peregrine falcon) and State Special Concern blueback herring that occur in close proximity to your project boundaries.

Please be advised that a DEEP Fisheries Biologist will review the permit applications you may submit to DEEP regulatory programs to determine if your project could adversely affect blueback herring. DEEP Fisheries Biologists are routinely involved in pre-application consultations with regulatory staff and applicants in order to identify potential fisheries issues and work with applicants to mitigate negative effects, including to endangered species. If you have not already talked with a Fisheries Biologist about your project, you may contact the Permit Analyst assigned to process your application for further information, including the contact information for the Fisheries Biologist assigned to review your application

Peregrine Falcon (*Falco peregrinus*) Protection Status: Threatened Species

The peregrine falcon is a state threatened species which has adapted to life in urban settings. The peregrine falcon is associated with bridges for nesting and brood rearing purposes. Peregrines will actively and aggressively defend the nest, whether a nest box or natural nest, up to and sometimes past 75 yards. The peregrine will attack anyone or anything that comes within the area of its nest. Peregrine falcons are Connecticut's largest falcon and can measure up to 20 inches. Adults are slate gray above and pale underneath with fine bars and spots of black; they have long pointed wings with a narrow tail. Young falcons have the same composite but are darker underneath and browner all over. The peregrine falcon nesting season occurs between the months of April and June. For this reason, special conditions regarding the timing of work on the structure must be applied. In order to protect this species, the proposed construction activities

should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th.

Protection Recommendation:

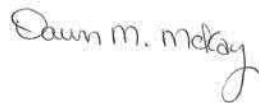
In order to protect this species, the proposed construction activities should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th. If work needs to be conducted during the breeding season (April 1st to June 30th) then I recommend hiring an ornithologist (bird expert) to evaluate and prepare a protection plan for the birds. All work on this project must maintain a minimum buffer of 600' from the nest. If a nest is identified by workers all work should stop immediately and this information should be reported to our program for further assistance and guidance to complete the work safely.

Please re-submit an NDDDB Request for Review if the scope of work changes or if work has not begun on this project by December 8, 2019.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,



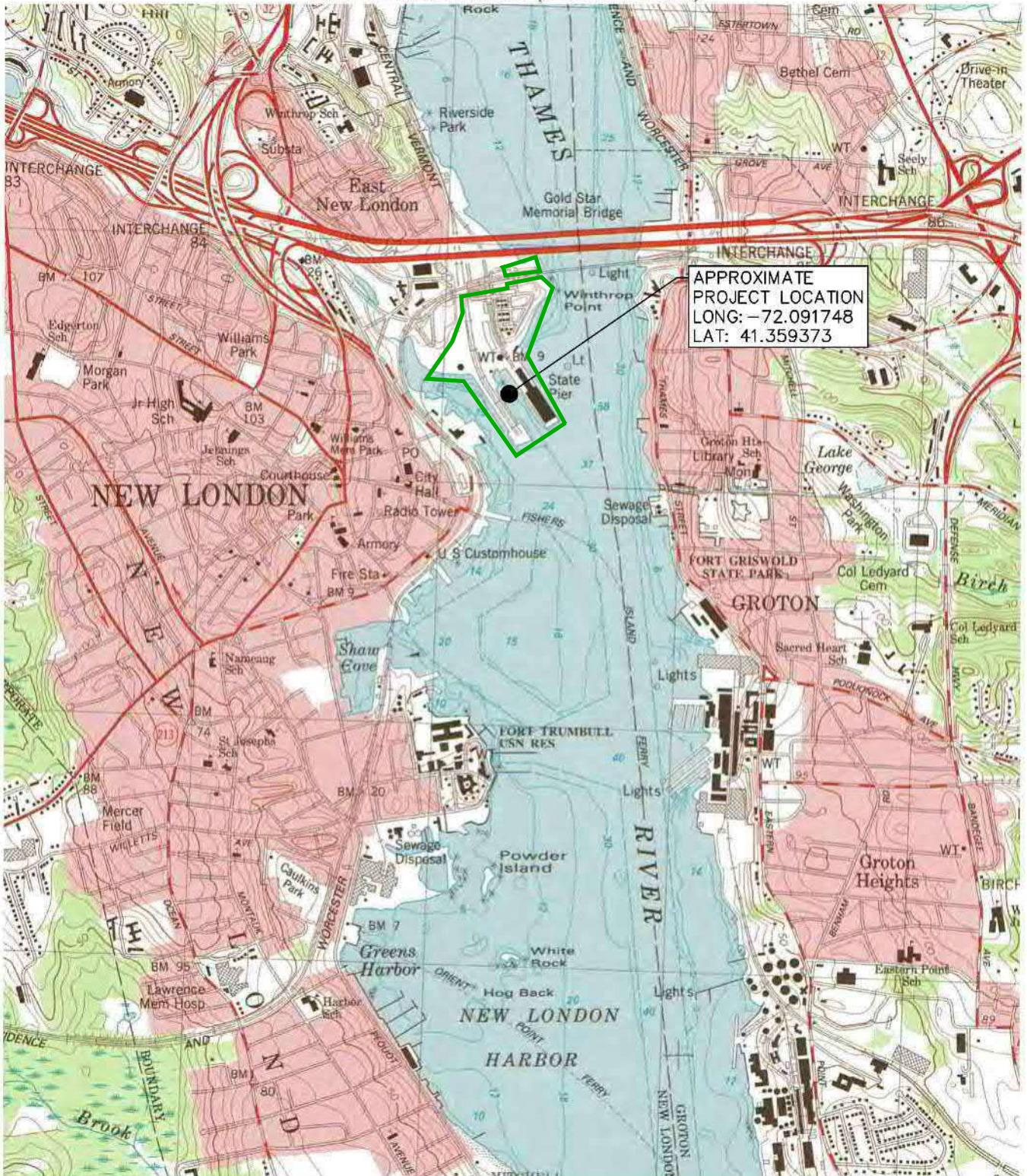
Dawn M. McKay
Environmental Analyst 3

ATTACHMENT C

PROJECT LOCATION MAP

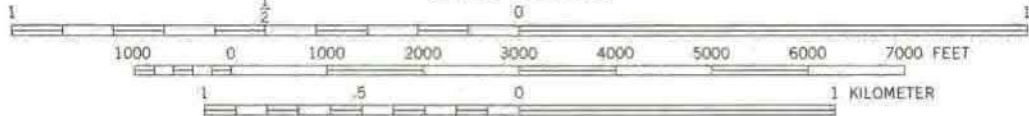
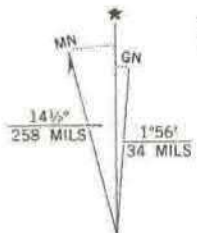
PROJECT LOCATION MAP

NEW LONDON QUADRANGLE CONNECTICUT-NEW YORK 7.5 MINUTE SERIES (TOPOGRAPHIC)



APPROXIMATE
PROJECT LOCATION
LONG: -72.091748
LAT: 41.359373

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.6 FEET

NEW LONDON, CONN. - N. Y.
41072-C1-TF-024

1984

UTM GRID AND 1984 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

DMA 6566 I SE-SERIES V816

ATTACHMENT D

PROPOSED IMPROVEMENTS TO THE STATE PIER

PROPOSED IMPROVEMENTS TO THE STATE PIER FACILITY

Limits of upland disturbance

Installation of rip rap slope. Stabilization of the existing concrete / granite block wall. Placement of Rip Rap. Bottom horizontal run off of wall is +/- 30 ft (600 lf., 4,100 cy., 7200 SF footprint on mudline)

Demolition of the western face of CVRR Pier (1,000 lf.+/-). Removing semi stable vertical granite block wall to facilitate placement of armored slope.

Raising of CVRR Pier elevation from +5' to +9'. Installation of rip rap armored slope on the west side of CVRR Pier. 4H to 1V slope (54,000 cy.+/-). Footprint of slope will not exceed existing western extent of the CVRR Pier.

Seabed preparation for installation of vessel jack-up legs: (2) two 30 ft wide x 200 ft long x 3.5 feet deep, crushed gravel filled pockets. Dredging will be required +/- 1500 cy. Work will covers +/- 12,000 sf of land under the Ocean. This is to facilitate good bearing area for the installation vessel jack up legs.

Maintenance dredge of the berthing pocket for installation vessel (+/- 48,000 cy). Spoil material to be placed between piers.

Demolition of various site buildings and structures (68,000 sf.+/-). Installation of the storm water retention and treatment system. Leveling upland areas. Site utilities upgrade (water, electrical, fire suppression). Upland disturbance area approximately 25 ac.+/-

Construction of Proposed Buildings and Improvements to parking lot.

Demolition of the concrete deck supported by timber piles. (6,300 sf.+/-). Structure is currently rated in poor condition.

Installation of the anchored heavy lift capable bulkhead. Driving of steel sheet pile wall (700 lf. +/-). Bulkhead to be installed as close to the existing as possible

Maintenance dredge of the berthing pocket for incoming vessel (15,000 c.y +/-). Soil material to be placed between piers.

Demolition of four (4) existing berthing dolphins to below mudline. Structures currently not in use and rated in poor condition.

Demolition of SW corner of State Pier (3,500 sf.+/-) and demolition of SE corner CVRR Pier (4,000 sf.+/-). This required to facilitate the installation of the steel cellular cofferdams. Anticipated that +/- 390,000 cy of fill will required. Coverage of approximately 7 acres of the land under the Ocean. All dredged materials will be placed into this fill area. Leveling of upland site to provide approximately one half (185,000 cy) of the required fill material. Final elevation of the new fill to match State Pier deck elevation of +9.0 NAVD88



ATTACHMENT E

POST CONSTRUCTION RENDERING

POST- CONSTRUCTION RENDERING

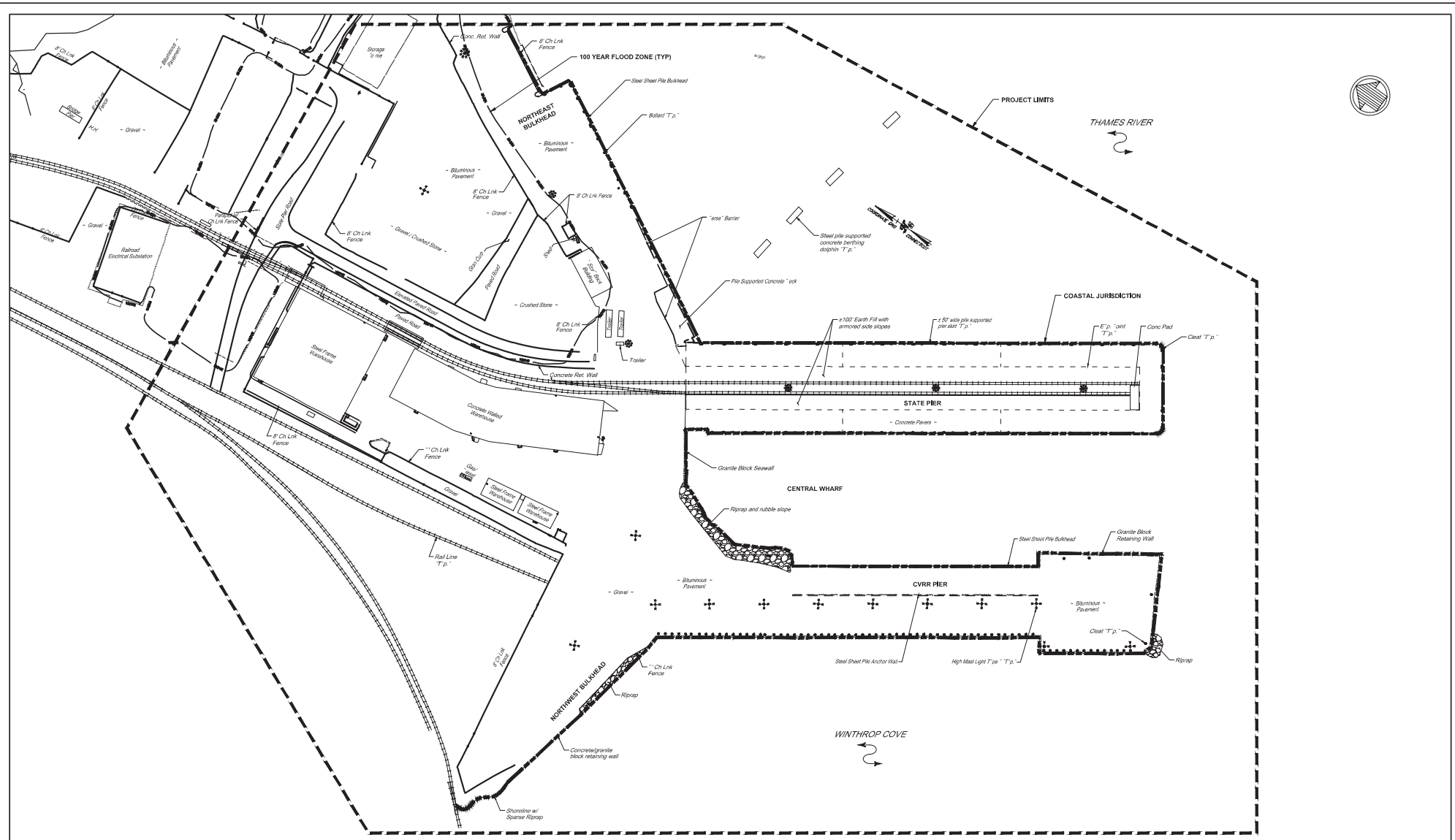


ATTACHMENT F

SITE PLANS - PROGRESS PRINTS

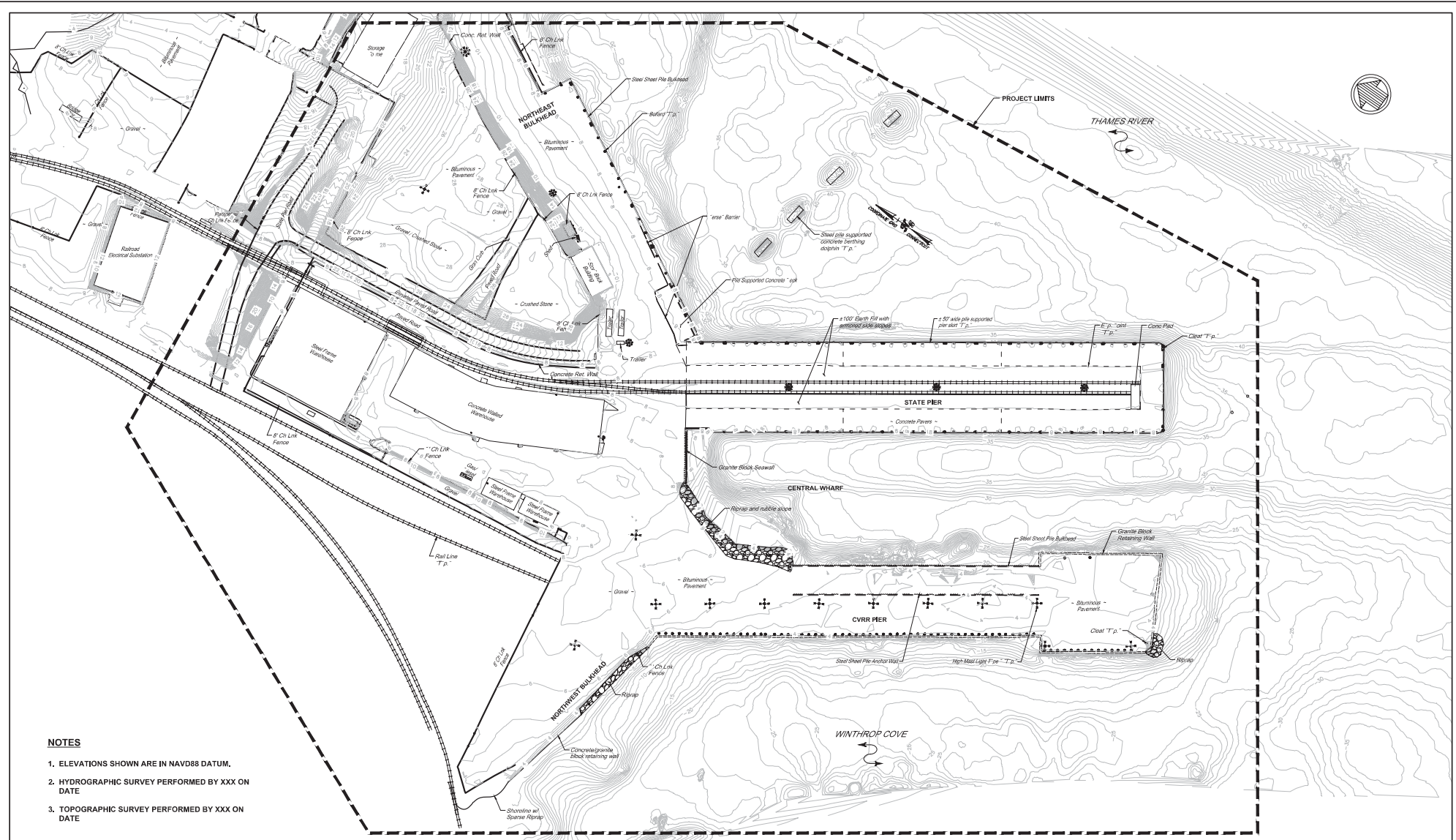
- Existing Conditions
- Existing Topographic and Hydrographic Conditions
- Demo and removal
- Proposed Plan
- Civil Plan
- Phasing Plan
- E-section_CVRR-SC-S005

D:\P\INTC\Projects\BOST\Projects\10219-01\Drawings\Concept Study\CAD\Worksheets\1A\1021901-SP-Existing_12x18.dwg, 2019-10-04 AM, TULSTON, C. MOFFATT AND INCH



**EXISTING CONDITIONS
NEW LONDON, CONNECTICUT**





NOTES

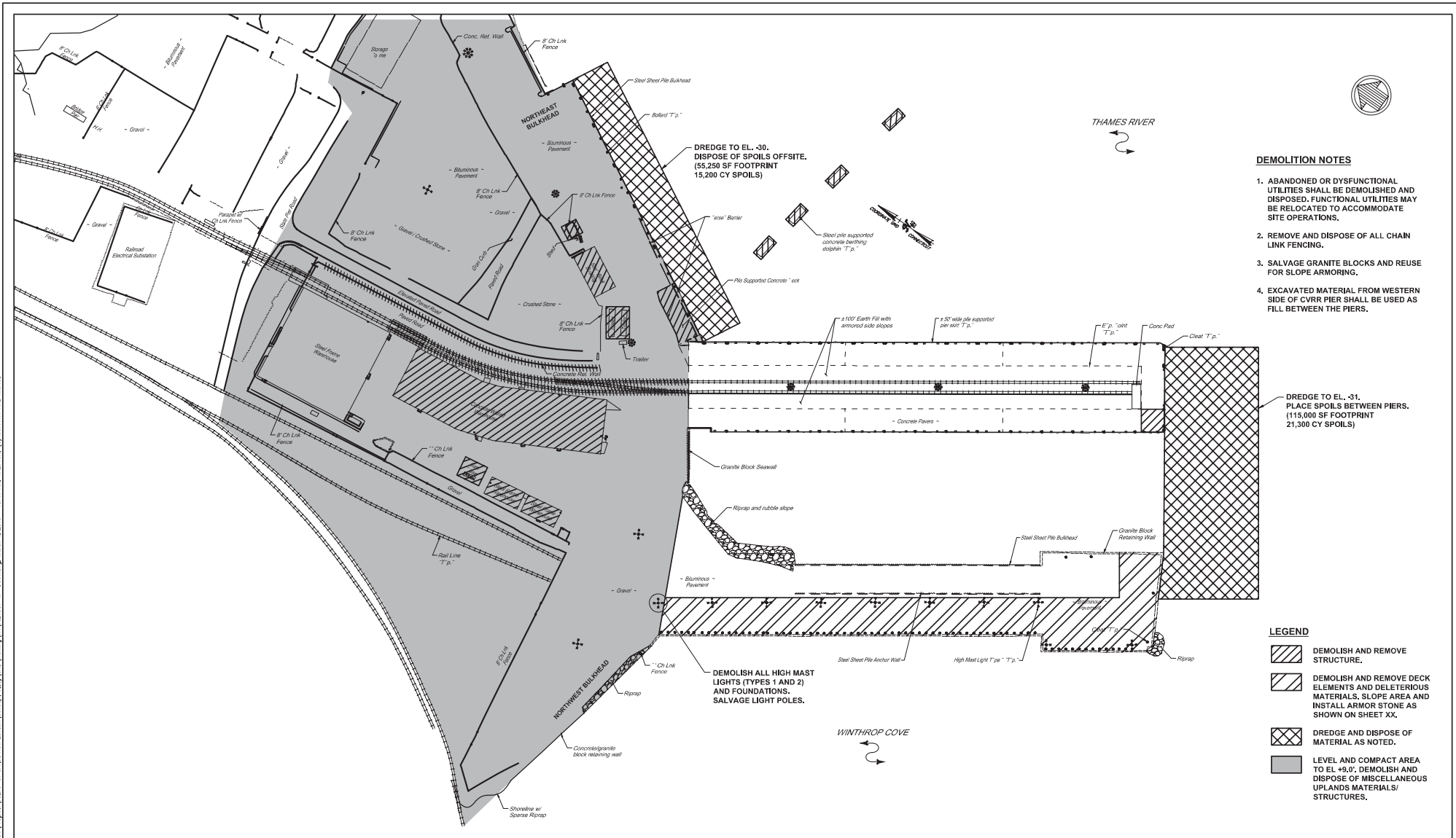
1. ELEVATIONS SHOWN ARE IN NAVD88 DATUM.
2. HYDROGRAPHIC SURVEY PERFORMED BY XXX ON DATE
3. TOPOGRAPHIC SURVEY PERFORMED BY XXX ON DATE



**EXISTING TOPOGRAPHIC AND HYDROGRAPHIC CONDITIONS
NEW LONDON, CONNECTICUT**



D:\P\INFC - \Tms\set\projects\BUS\Projects\10219-01 - Dredge New London\Concrete Slurry\CAO\Works\TA\1021901-SP-1001.dwg, March 4, 2019 - 10:47 AM, TALESTON, (C) MOFFATT AND NOBLE



DEMOLITION NOTES

1. ABANDONED OR DYSFUNCTIONAL UTILITIES SHALL BE DEMOLISHED AND DISPOSED. FUNCTIONAL UTILITIES MAY BE RELOCATED TO ACCOMMODATE SITE OPERATIONS.
2. REMOVE AND DISPOSE OF ALL CHAIN LINK FENCING.
3. SALVAGE GRANITE BLOCKS AND REUSE FOR SLOPE ARMORING.
4. EXCAVATED MATERIAL FROM WESTERN SIDE OF CVRR PIER SHALL BE USED AS FILL BETWEEN THE PIERS.

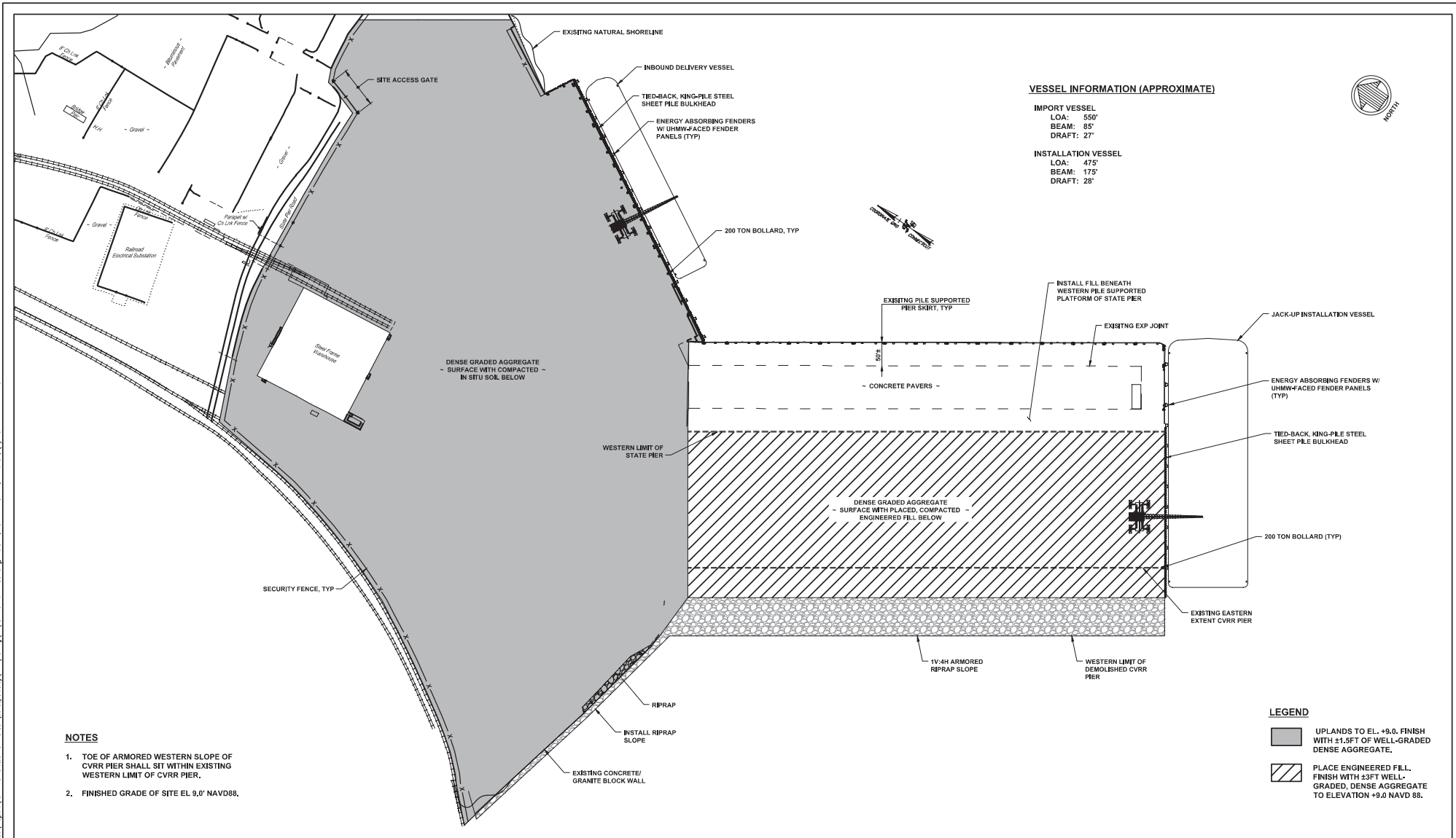
LEGEND

	DEMOLISH AND REMOVE STRUCTURE.
	DEMOLISH AND REMOVE DECK ELEMENTS AND DELETERIOUS MATERIALS, SLOPE AREA AND INSTALL ARMOR STONE AS SHOWN ON SHEET XX.
	DREDGE AND DISPOSE OF MATERIAL AS NOTED.
	LEVEL AND COMPACT AREA TO EL. +3.0'; DEMOLISH AND DISPOSE OF MISCELLANEOUS UPLANDS MATERIALS/ STRUCTURES.

**DEMOLITION AND REMOVALS PLAN
NEW LONDON, CONNECTICUT**



D:\P\INTC\Projects\BOS\Projects\1019-01_Created New London_Concept Study\CAD\Worksheets\1A\101901-SP-IND\Fig_March 4, 2019 - 7:59 AM_TALESTON (C) MORFITT AND MOYER



VESSEL INFORMATION (APPROXIMATE)

IMPORT VESSEL
 LOA: 550'
 BEAM: 85'
 DRAFT: 27'

INSTALLATION VESSEL
 LOA: 475'
 BEAM: 175'
 DRAFT: 28'



NOTES

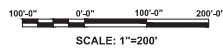
1. TOE OF ARMORED WESTERN SLOPE OF CVRR PIER SHALL SIT WITHIN EXISTING WESTERN LIMIT OF CVRR PIER.
2. FINISHED GRADE OF SITE EL 9.0' NAVD88.

LEGEND

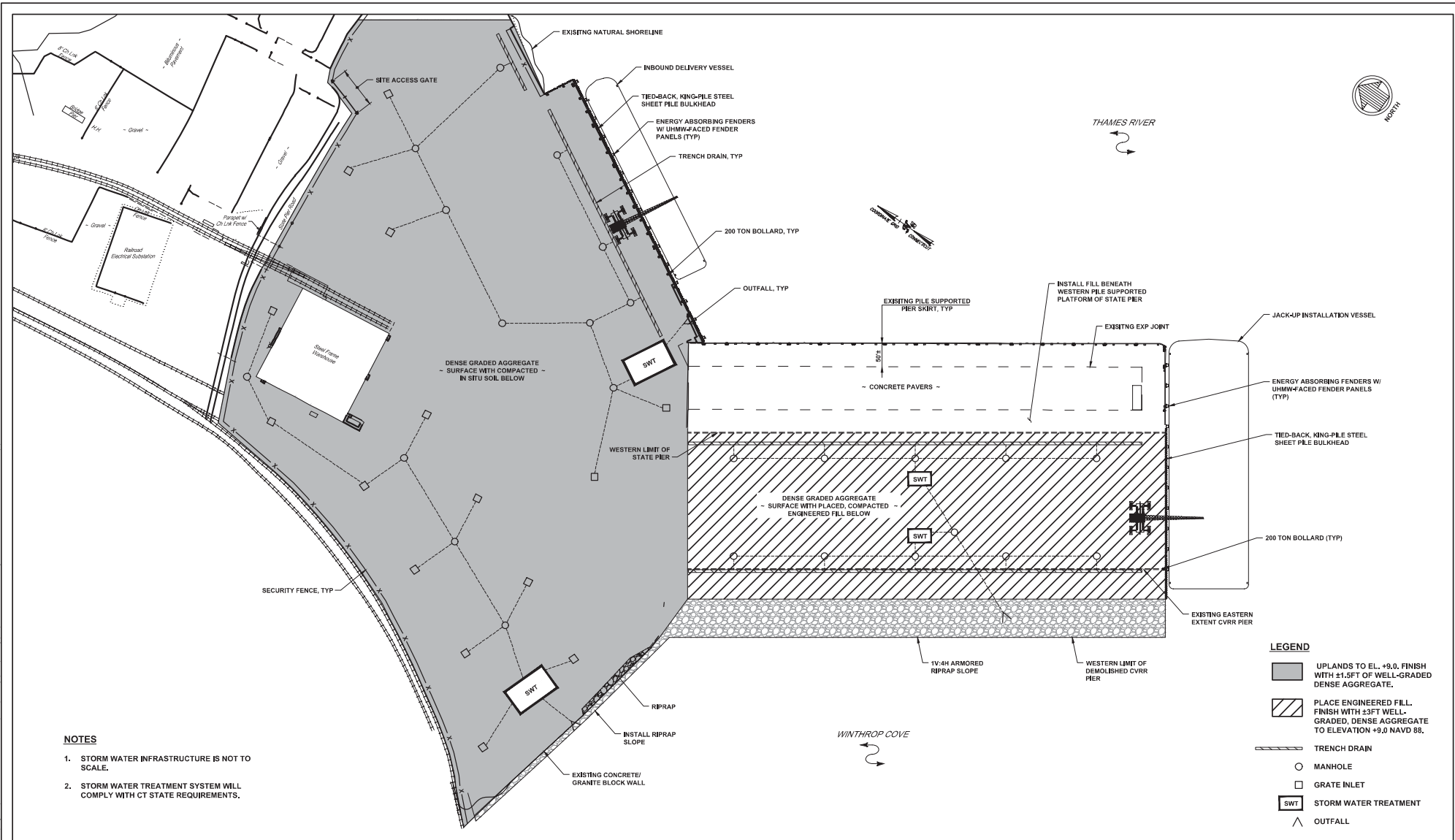
- UPLANDS TO EL. +9.0. FINISH WITH ±1.5FT OF WELL-GRADED DENSE AGGREGATE.
- PLACE ENGINEERED FILL. FINISH WITH ±3FT WELL-GRADED, DENSE AGGREGATE TO ELEVATION +9.0 NAVD 88.



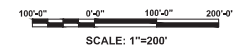
**PROPOSED PLAN
 NEW LONDON, CONNECTICUT**



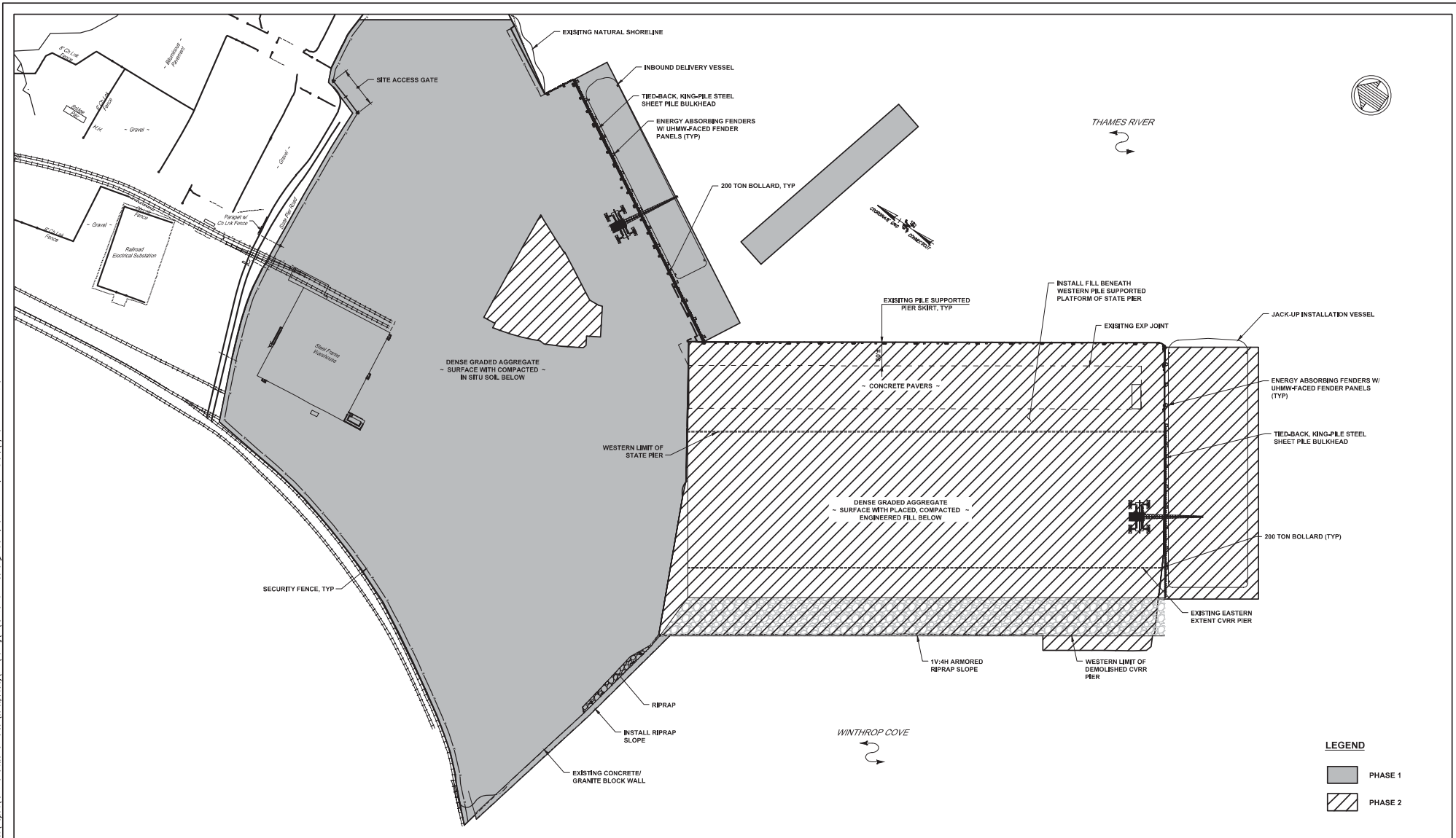
D:\P\IN\DC:\Projects\BOS\Projects\1019-01_Graed New London_Concept Study\CAD\Worksheets\1A\101901-SP-CDD\Map_March_4_2019 - 2-31 PM - TALESTON (C) MOFFATT AND MOORE



CIVIL PLAN
NEW LONDON, CONNECTICUT



D:\P\IN\DC:\Projects\BOST\Projects\10219-01\Graded New London\Concept Study\CAD\Worksheets\1A\1021901-SP-IND01.dwg, March 4, 2019 - 1:14 PM, TALSTON, (C) MODFAT AND NORDL



LEGEND

- PHASE 1
- PHASE 2

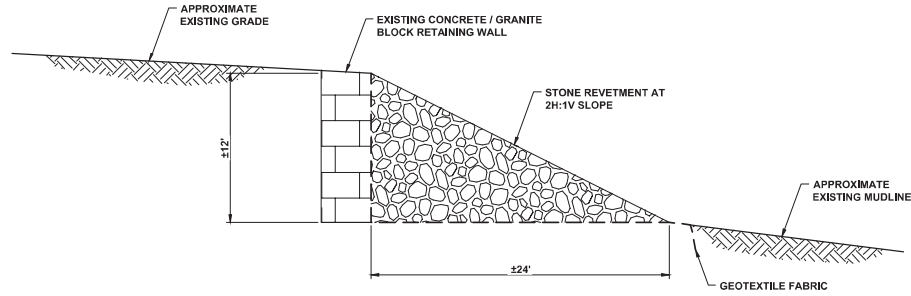


**PHASING PLAN
NEW LONDON, CONNECTICUT**

DWG. INFO: G:\BOS\Projects\0219-01 Inland New London\Concept Study\CAD\Working\TA\021901-SC-Subd\Map March 1, 2019 - 11:45 AM - WESTMABLE, C. MOFFATT AND MICHEL

NOTES:

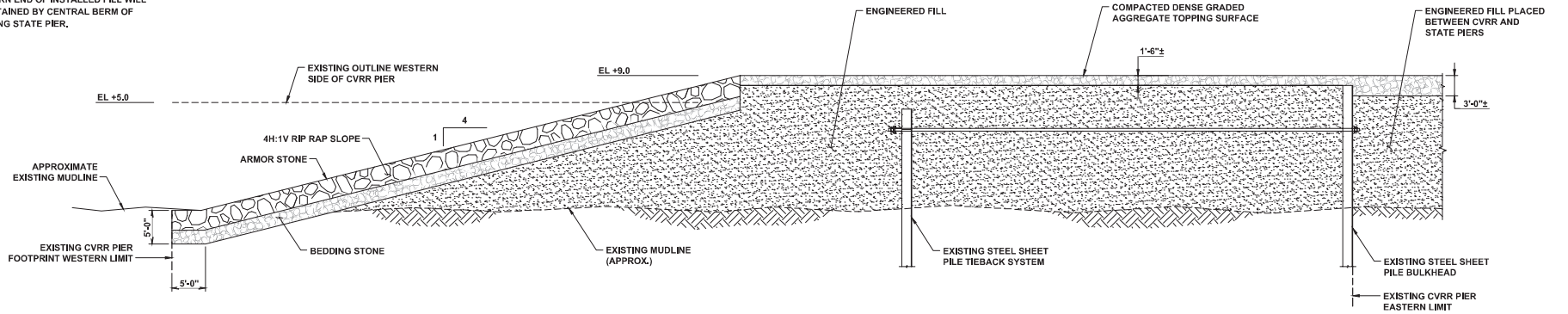
1. RIP RAP SLOPE PROVIDES STABILIZATION OF 600LF OF EXISTING RETAINING WALL.
2. 3200CY RIP RAP.
3. 14400 SF MUDLINE FOOTPRINT.



PROPOSED NORTHWEST BULKHEAD SECTION

NOTES:

1. TOE OF ARMORED SLOPE WILL NOT EXCEED EXISTING WESTERN EXTENT OF CVRR PIER FOOTPRINT.
2. 4H:1V SLOPE WILL RETAIN WESTERN END OF FILL TO BE INSTALLED BETWEEN CVRR AND STATE PIERS.
3. EASTERN END OF INSTALLED FILL WILL BE RETAINED BY CENTRAL BERM OF EXISTING STATE PIER.



PROPOSED CVRR PIER SECTION

From: [Rima Laukaitis](#)
To: ["zachary.jylkka@noaa.gov"](mailto:zachary.jylkka@noaa.gov)
Cc: ["Garbolski, Michael"](#); [Richard Couch](#); ["Joseph.Salvatore@ct.gov"](mailto:Joseph.Salvatore@ct.gov); ["Ray, Diane M CIV USARMY CENAE \(US\)"](#)
Subject: RE: State Pier New London
Date: Friday, March 22, 2019 6:31:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[RE State Pier New London CT. \(UNCLASSIFIED\).msg](#)
[EFH New London State Pier Draft_3_22_19.pdf](#)

Hi Zach,

Thank you for your prompt response.

We contacted Diane Ray of ACOE regards this Project. She stated to us that we need to complete an EFH assessment (NMFS) and reach out to NMFS for Section 7 (Endangered Species). Please see the response email from Diane with the Permit Consultation Form attached. Response is on the page 4 of 4 of the consultation form.

Please find the attached EFH assessment draft for your review and comment. We would appreciate your input on the species list, also preliminary feedback on the proposed design, construction, mitigation, and etc.

Thank you again.

Rima Laukaitis, P.E.
Project Manager

MARTINEZ COUCH & ASSOCIATES, LLC

1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
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rlauk@martinezcouch.com
MartinezCouch.com

Site/Civil Engineering | Land Surveying | Wastewater Engineering
Environmental Consulting | GIS | Construction Phase Services



From: Zachary Jylkka - NOAA Federal <zachary.jylkka@noaa.gov>
Sent: Monday, March 18, 2019 3:25 PM
To: Rima Laukaitis <rlauk@martinezcouch.com>

Cc: Garbolski, Michael <Michael.Garbolski@aecom.com>; Joseph.Salvatore@ct.gov; Ray, Diane M CIV USARMY CENAE (US) <Diane.M.Ray@usace.army.mil>

Subject: Re: State Pier New London

Hi Rima,

To confirm, at this stage, you are looking for me to review the information you've provided (related to ESA species presence) and respond with any general concerns we would have about the project? Your letter does state that, "We are contacting you to initiate informal consultation under Section 7(a)(2) of the Endangered Species Act (ESA)." Only the Federal Action Agency (or their designated non-federal representative) can request initiation of Section 7 consultation. In this case, that letter would need to come from USACE. We also have a number of requirements for the content of such a letter before we can move forward with initiation.

Best,
Zach

On Fri, Mar 15, 2019 at 11:48 AM Rima Laukaitis <rlauk@martinezcouch.com> wrote:

Dear Mr. Jylkka,

The Connecticut Port Authority (CPA) is proposing facility infrastructure repairs and improvements that would better position the State Pier Facility to capture emerging East Coast shipping opportunities and accommodate some of the logistics in cargo flow in Connecticut. We are contacting you to initiate informal consultation under Section 7(a)(2) of the Endangered Species Act (ESA).

A joint permit application is currently in preparation encompassing a Structures, Dredging & Fill permit and 401 Water Quality Certification permit for submission to the Connecticut Department of Energy & Environmental Protection (CT DEEP) Land and Water Resources Division (LWRD), and a 404 (Clean Water Act) and Section 10 (Rivers and Harbors Act) permit application for submission to the U.S. Army Corps of Engineers (USACE) for impacts to coastal waters.

Please review the attached project information, provide your response relative to the species list provided herein, indicate any concerns regarding potential impacts and let us know if you have any questions or require additional information to facilitate your review.

Thank you,

Rima Laukaitis, P.E.
Project Manager

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F: 860-436-4626

rlauk@martinezcouch.com

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Environmental Consulting | GIS | Construction Phase Services



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Zach Jylkka

Fisheries Biologist

Protected Resources Division

Greater Atlantic Regional Fisheries Office

NOAA Fisheries

Gloucester, MA 01930

zachary.jylkka@noaa.gov

office: (978) 282-8467

For additional ESA Section 7 information and Critical Habitat guidance, please see:

www.greateratlantic.fisheries.noaa.gov/protected/section7

From: [Ray, Diane M CIV USARMY CENAE \(US\)](#)
To: [Rima Laukaitis](#)
Cc: [Joseph.Salvatore@ct.gov](#); [Garbolski, Michael](#); [Richard Couch](#)
Subject: RE: State Pier New London CT. (UNCLASSIFIED)
Date: Tuesday, February 26, 2019 11:46:24 AM

CLASSIFICATION: UNCLASSIFIED

Hi,

No, we have this under file number: NAE-2018-02161.

We will be reviewing this as a Standard Permit.

Our public notice will be sent to CT SHPO, Tribes, and agencies. However, you will need to complete an EFH assessment (NMFS) and reach out to NMFS for Section 7 (Endangered Species)

I will fill out the form and send it back to you soon.

Diane

-----Original Message-----

From: Rima Laukaitis [<mailto:rlauk@martinezcouch.com>]

Sent: Monday, February 25, 2019 5:44 PM

To: Ray, Diane M CIV USARMY CENAE (US) <Diane.M.Ray@usace.army.mil>

Cc: Joseph.Salvatore@ct.gov; Garbolski, Michael <Michael.Garbolski@aecom.com>; Richard Couch <Couchre@martinezcouch.com>

Subject: [Non-DoD Source] State Pier New London CT.

Good Afternoon Ms. Ray,

Martinez Couch & Associates (MCA) has been contracted by the Connecticut Port Authority (CPA) and AECOM to prepare permitting for the State Pier Improvements.

Last year we helped the (CPA) to obtain permits for the existing Central Wharf Platform demolition, Part 1. File No. NAE-2017-03164. This is the file ID that Ms. Susan Lee assigned to the project. We are not sure if this file number will remain or will be assigned a new one.

Please find the attached U.S. Army Corps of Engineers DEEP Permit Consultation Form. This will presumably be for the Part 2.

Please review, complete the form, and return to us.

Also, we are assuming that you will be reaching-out to the Tribes, EPA, NMFS, and USFWS. If that not the case, please let us know.

Feel free to contact us if you have any question or need more information.

Thank you.

Rima Laukaitis, P.E.

Project Manager

MARTINEZ COUCH & ASSOCIATES, LLC

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Rocky Hill, CT 06067

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Environmental Consulting | GIS | Construction Phase Services

<Blockedhttps://twitter.com/MARTINEZCOUCH> <Blockedhttps://www.linkedin.com/company/martinez-couch-&-associates-llc>

CLASSIFICATION: UNCLASSIFIED

Essential Fish Habitat Assessment

In support of the Environmental Assessment for the
State Pier Infrastructure Improvements

DRAFT

March 20, 2019

Prepared for:

Connecticut Port Authority
455 Boston Post Road
Suite 204
Old Saybrook, Connecticut 06475

Prepared by:

AECOM
500 Enterprise Drive
Suite 1A
Rocky Hill, Connecticut 06067

The EFH Assessment Draft was provided during initial consultation. See the Final EFH Assessment version on the next page.