



State of Rhode Island  
**Coastal Resources Management Council**  
 Oliver H. Stedman Government Center  
 4808 Tower Hill Road, Suite 3  
 Wakefield, RI 02879-1900

(401) 783-3370  
 Fax (401) 783-2069

## REQUEST FOR ASSENT MODIFICATION

<b>Assent/Permit Number:</b> <u>94-11-30</u>	<b>(including extensions)</b> <b>Expiration Date:</b> _____
<b>Name of Assent Holder:</b> <u>Town of Portsmouth</u>	
<b>Location of Project:</b> <u>0 Burma Rd</u>	
<b>City/Town:</b> <u>Portsmouth</u>	<b>Plat:</b> <u>50</u>
	<b>Lot:</b> <u>7A</u>

<b>Name of Present Owner:</b> <u>Town of Portsmouth</u>	
<b>Mailing Address:</b> <u>2200 East Main Rd</u>	
<b>City/Town:</b> <u>Portsmouth</u>	<b>State:</b> <u>Rhode Island</u>
	<b>Zip:</b> <u>02871</u>
<b>Phone Number:</b> <u>401-683-0362</u>	<b>Contact Person:</b> <u>Brian Woodhead</u>
<b>Abutters:</b> <u>See Attached.</u>	

I hereby certify that the names and addresses of adjacent property owners whose property adjoins the project site are accurate and current as of the date of application. If said names and addresses are found to be not accurate and/or current, any subsequent Assent may become Null and Void. **Signed:** \_\_\_\_\_

<b>Describe the proposed modification(s):</b> <u>Repair and replace of public boat launch facility. See attached narrative for additional details.</u>
<b>Reason:</b> <u>Safety and structural improvements needed. See attached narrative for additional details</u>
<b>What state of construction is the project in:</b> <u>Design plans and bid documents are being finalized.</u> See attached narrative for additional details.

**Owner's Signature:**

Note: The applicant acknowledges by evidence of their signature that they have reviewed the Rhode Island Coastal Resources Management Program, and have, where possible adhered to the policies and standards of the program. The applicant also acknowledges by evidence of their signature that to the best of their knowledge the information contained in the application is true and valid. The applicant understands that information can result in the Coastal Resources Management Council revoking State Assent. Applicant requires that as a condition to the granting of this assent, members of the CRMC or its staff shall be access to the applicant's property to make on-site inspection for compliance with the assent. This application is made under oath and subject to penalties of perjury. 5/00





September 8, 2022  
File No. 03.0034944.00

Mr. Richard Lucia  
RI Coastal Resources Management Council  
4808 Tower Hill Road; Suite 3  
Wakefield, Rhode Island 02879

Mr. Daniel Breen  
United States Army Corps of Engineers  
New England District, Regulatory District  
696 Virginia Road  
Concord, Massachusetts 01742

Mr. Neal Personeus  
Rhode Island Department of Environmental Management  
Office of Water Resources  
235 Promenade Street  
Providence, Rhode Island 02908

Re: Application for CRMC Assent Modification, USACE General Permit, and RIDEM Water Quality Certification  
Weaver Cove Public Boat Launch Facility  
Assessor's Plat (A.P.) 66 Lot 21  
Portsmouth, Rhode Island

Dear Mr. Lucia, Mr. Breen, Mr. Personeus;

On behalf of our Client, the Town of Portsmouth, Rhode Island, this application is being submitted by GZA GeoEnvironmental, Inc. (GZA) pursuant to the applicable requirements of the Coastal Resources Management Council (CRMC), the United States Army Corps of Engineers (USACE), and the Rhode Island Department of Environmental Management (RIDEM).

The Town of Portsmouth owns a public boat launch facility at Weaver Cove on Burma Road in Portsmouth, RI that provides public access to Narragansett Bay. The launch facility consists of:

- a 30-foot-wide precast concrete slab and paved boat ramp;
- one (1) fixed pier and (1) series of ramps and platforms, both with supporting timber piles (on the north side of ramp);
- an arrangement of eight (8) timber piles with no pier (on the south side of ramp);
- a gravel parking area; and
- an ADA-accessible concrete walkway providing access from the gravel parking area to the fixed pier.

The facility was constructed in 1995-96 and is reaching the end of its useful life. The concrete slabs within the boat ramp are crumbling with large visible voids. The pier and series of ramps and landings are worn from frequent water inundation and heavy use. On behalf of our Client, we are seeking the necessary permit approvals to restore and improve the existing facility while increasing user safety and facility longevity for future use.

The proposed activities consist of replacing the existing concrete slab boat ramp and fixed pier with a boat ramp of similar size and a moderately reconfigured ADA-accessible fixed pier with a smaller



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www.gza.com





footprint than the combined fixed pier and ramps/landings. The existing south side timber piles will be replaced with steel guide piles and a groundout floating dock system will be added over a portion of the footprint of the proposed boat ramp. An extension of the existing riprap revetment with additional riprap (stone protection structure) has been proposed on the southern side of the boat ramp to protect the launch facility from continued sediment build up as well as harmful wave action from Narragansett Bay.

Recent discussions with **CRMC** concluded that an Assent Modification application (for Assent 1994-11-030) is the proper submittal. Regarding **USACE**, we believe the proposed activities can be covered under the Rhode Island General Permit (GP) 2 (Repair/Maintenance of Existing Structures) and GP 9 (New Shoreline and Bank Stabilization) under the Self-Verification (SV) process. Due to the temporary disturbance of the shoreline during construction, a **RIDEM** WQC will likely be needed.

This application package is accompanied by an eight (8) sheet drawing set that shows the general arrangement of the facility, existing conditions, proposed conditions, removal plan, sediment and erosion control plan, and assorted details.

**1. CRMC Assent Modification**

**Description of Proposed Modifications**

According to CRMC files, the facility was approved in 1994 (CRMC Assent No. 1994-11-030) and completed in 1996. Existing conditions consist of a concrete boat ramp, one timber pier, ramps and landings, a gravel parking lot, an ADA-accessible concrete walkway, an access roadway, and riprap revetment shoreline protection that extends into the Bay. The access roadway branches off Burma Road in Portsmouth. The adjacent water body is the Narragansett Bay East Passage, characterized as Type 4 water - Multi Purpose Waters.

The existing pier and series of ramps and landings were constructed in accordance with the CRMC approved plans (Plan Set, Drawings 2 and 3). The existing upper, fixed pier is 4 feet wide and extends 110 feet along the boat ramp (perpendicular to the shoreline). The lower ramps and platforms are 4 feet wide and extends the same 110 feet along the boat ramp (perpendicular to the shoreline). The pier and ramps/landings are supported by a total of 36 timber piles, with 12 each on the north and south sides and 12 running between the structures, supporting both. The total width of the fixed pier and ramps/landings with support piles is approximately 12 feet. The existing pier, ramps, landings, and piles are to be demolished and replaced with a single, fixed pier supported by 24 timber piles (12 fewer than existing). The pier will run the existing 110 feet along the boat ramp with a total width of 10 feet, accommodating ADA accessibility standards.

The existing concrete boat ramp will be replaced by a pre-cast reinforced concrete ramp over crushed stone bedding, 30 feet wide and 100 feet long. The proposed ramp will cover the same footprint as the existing, with an improved (gentler) slope of 13% to comply with current regulations. The boat ramp will feature a timber groundout floating dock system. The existing 8 timber piles to the southwest of the boat ramp will be removed and replaced by 7 steel piles to support the installed float system. The float system will have a deck 6 feet wide and will consist of three (3) 20-foot sections and one (1) 24-foot section, running perpendicular to the shoreline, parallel to the fixed pier, and directly above a portion of the boat ramp surface. The float system will be preceded with a reinforced concrete abutment, approximately 20 feet long by 6 feet wide at the shoreline. The resulting structures will provide approximately 24 feet of usable boat ramp width.

The proposed stone protection structure will extend from the edge of the existing riprap revetment, to the southwest of the boat ramp and float system. The protection structure will have a varying base width (47 feet maximum) and tapers from the base to a width of 4 feet at the crest. The side slopes will vary. The north slope will follow 1.5H:1V to meet the existing grade, and the south slope will follow 3H:1V and will extend from the edge of the existing visible





revetment stone to the approximate termination of the new ramp. The crest of the protection structure will extend above Mean High Water (MHW) to approximate elevation 6.9 feet Mean Low Water (MLW) datum

**Reason for Modification**

The existing boat ramp and piers have experienced extensive use over the past 28 years. The pier is in need of repair and several of the piles need to be replaced. Considerations for modification include addressing user accessibility and safety concerns while increasing longevity to allow continued use in the face of rising sea levels. Rather than in-kind repairs, the applicant would prefer to upgrade in order to comply with current standards and provide for easier (and safer) access for the public. The modifications will meet the following requirements set forth by the States Organization for Boating Access: ADA accessibility; adequate water depth (3' at Mean Low Water) is achieved at the end of the ramp; and the slope of the ramp is within the recommended range of 12-15%. The slope of the modified ramp also concurs with the maximum slope requirement of 15% (proposed at 13%) set by CRMC's Coastal Management Program Launching Ramp Standards and meets the minimum ramp length requirement of 4 feet beyond extreme low water. The modified pier and float system will be built in accordance with Red Book Section 1.3.1(D)11(z) Table 8 standards.

The proposed fixed pier superstructure will include timber stringers, timber split pile caps, and timber cross-braces for stability in the face of storms and rising sea levels. The decking will be constructed in sections that come apart under high impact wave action, to prevent significant damage to the structure's integrity by reducing the forces sustained by the piles. The sections will be easily repaired or replaced individually as needed. The improved pier will increase public access through ADA compliance and an increase in general safety. The designs integrate into the landward side to accommodate existing land structures without modification needed on shore.

The existing boat ramp provides limited public access due to difficulty of use for the average boat operator. The timber groundout float system will increase accessibility to vessels while launching, loading, and removing from the water. The float system will be placed over the footprint of the boat ramp to eliminate interference with riverbed substrate and marine life.

A 1996 as-built site plan (attached) shows a large armor stone riprap revetment on the south side of the boat ramp and approach drive. A review of available information indicates that this was placed to reduce silt buildup caused by the unique coastal features south of the ramp; a large storm water outfall, the Lawton Creek discharge, and a significant fetch. Regardless, the ramp experiences considerable silt build-up. In 2013 the Town was granted a Maintenance Assent (CRMC 2013-05-16) to remove accumulated sediment from the ramp. The proposed stone protection structure will be an extension of the existing revetment to further manage siltation of the ramp and will also break up wave action and resulting forces coming from the south. This will allow for ramp use during wind and increased wave events that may have precluded the use of the ramp in the past.

The large fetch and resulting large wave impacts in this portion of the Bay have been known in the past. As discussed in CRMC Assent B1990-08-029, the public boat dock and pier were part of a proposed large marina development (approximately 1,500 boat slips). The Assent, originally approved in 1992 was granted multiple extensions until its final expiration in 2019. Among other items, that Assent approved the installation of a steel and timber wave fence around the perimeter of the proposed marina in addition to a concrete wave attenuator as an extension of the public boat launch. The attached "Proposed Wave Fence Layout Plan" illustrates the previously approved wave fence and concrete attenuator (sheet number 1 of a 5-sheet plan set approved by CRMC on October 22, 2009, as an assent modification). This previously approved concrete wave attenuator, positioned close to the now proposed stone protection structure, had an overall length of 560 feet compared to the currently proposed length of approximately 108 feet. The proposed structure is considerably smaller but will serve a similar function, to temper the waves at the public boat ramp and protect from siltation. Metocean analysis has been completed for wind intensities and directions, water levels, and wind-generated wave loads to ensure the protection structure is effectively designed to the standards requested by the Client.





According to the CRMC Aquidneck Island SAMP Coastal Development Regulations, the Weaver Cove Redevelopment Area is envisioned as a destination area for marine development and tourism. Improvement of ramps and piers that are currently in poor condition as well as the increase of public accessibility and safety will promote public enjoyment. The proposed modification will enhance these activities encouraged by the SAMP.

**State of Construction of the Project**

Design plans and bid documents are being developed. The goal is to have a contractor on board and conduct the in-water activities for Fall 2023/Winter 2024 season, aiming for completion for the 2024 boating season.

Based on the project scope and the nature of the proposed work, we believe that the proposed work is consistent with modification to an existing assent. As was noted above, CRMC staff agreed. A completed application form is included with this application package. It is our understanding that a letter from the Local Building Official is not required for this project as no activities requiring a building permit will be conducted. Also, in accordance with Section 1.4.2(D) of CRMC’s Management Procedures, a fee has not been included with this application since the applicant (Town of Portsmouth) is a public entity.

**Description of Construction Methods**

Prior to construction activities, the contractor will install sediment and erosion controls along the perimeter of the work area consisting of straw wattles, filter socks, catch basin silt sacks, and a turbidity curtain (**Sheet 4, 8**). The controls will extend a generous distance northeast and south of the construction area.

The existing pier and piles will be demolished with land-based machinery and trucks supplemented by water-based equipment, as needed (**Sheet 4**). There will be no disturbance of inland wetland areas, therefore no restoration of inland wetland areas is required. This project does not require coastal bank stabilization and will not permanently alter the existing coastal feature. Construction activities for the ramp and dock are estimated to last approximately six (6) months.

**Estimated Fill Areas and Volumes**

Portions of the proposed project will require fill below the water line. Some of this will be replacement of existing fill (the concrete boat ramp, abutment, and timber floating dock), and some will be new fill for the stone protection structure. Both the Mean High Water (MHW) and the High Tide Line (HTL) are depicted on the attached plan sheets. The MHW line is based on The North American Vertical Datum of 1988 (NAVD88) datum and the HTL was estimated during field visits observing the line of vegetation, fine shell, and other debris on the foreshore. Both were converted to MLW for the attached plans.



**Area (square feet) of fill below HTL:**

Concrete Boat Ramp, Abutment & Timber Floating Docks	2,460
Concrete Curb	30
Rip Rap Around Sides of Boat Ramp	130
Stone Protection Structure	4,465
<b>Total Area of Replacement Fill</b>	<b>2,460</b>
<b>Total Area of New Fill</b>	<b>4,625</b>



**Volume (cubic feet) of fill below MHW**

Concrete Boat Ramp Panels	1,640
¾" Crushed Stone Base	1,230
2" Crushed Stone Base	3,690
Concrete Curb	80
Rip Rap Around Sides of Boat Ramp	650
Stone Protection Structure	18,500
<b>Total Volume of Replacement Fill</b>	<b>7,290</b>
<b>Total Volume of New Fill</b>	<b>18,500</b>

**2. USACE Rhode Island General Permits No. 2 and No. 9**

We believe the proposed project meets authorization requirements under the USACE Rhode Island General Permits (GP) No. 2 – *Repair or Maintenance of Existing Currently Serviceable, Authorized, or Grandfathered Structures and Fills, Removal of Structures* and No. 9 – *New Shoreline and Bank Stabilization Projects and Living Shorelines*. The demolition and replacement of the pier, boat ramp, and the addition of floating docks will produce less than 5,000 square feet of new permanent and temporary impacts in tidal waters, with no filling in wetlands or impacts to submerged aquatic vegetation (SAV). The proposed construction is consistent with previously authorized and currently serviceable structures, as specified under GP No. 2.

The proposed extension of the existing stone bank stabilization will provide protection for the constructed pier, boat ramp, and floating docks. The stone protection structure (addition to existing riprap) comprised of granite quarry stones, including core and armor layers will be less than 500 linear feet in tidal waters. With evidence sourced from an underwater test boring as well as a Metocean analysis calculating wind intensities and direction, water levels, and wind-generated wave loads, the protection structure is within the minimum necessary construction to provide protection to the boat launch facility. This minimum necessary construction of a stabilization and protection structure fits within the GP No. 9. In 1992, a wave fence over ½ mile long was approved by CRMC and USACE for an area that included the public boat launch. The approved wave fence included a 500 linear foot concrete wave attenuator adjacent to the proposed stone protection structure. None of the approved wave fence has been constructed from the 1992 plans, leaving the public boat launch facility without protection from wave energy and siltation from Narragansett Bay. There have been efforts since construction of the boat launch to remove silt build-up from the ramp.

The proposed structures retain a similar purpose to those specified in the original boat launch facility permits, with only minor deviations in the configuration to account for safety and longevity of facility use. The 1994 boat launch approval included emphasis on continuous maintenance on the stabilization and construction of the facility to be kept in good condition for a period of 50 years post construction.

In accordance with the General Conditions of the USACE Rhode Island General Permit, the Project will obtain all other required Federal, State, and Local authorizations. Temporary impacts related to erosion and sedimentation in upland areas will be mitigated utilizing a perimeter straw wattle barrier. Proposed activities will not create new impervious surfaces; therefore, treatment of stormwater runoff will not be required.

The repair and replacement of the public boat launch facility represents a single and complete project and does not depend on any upland activities. We do not anticipate that any other General Permits are applicable to replacement of the pier. This project is not located on a property owned by the USACE. We do not anticipate that this project will impact property or easements owned by the USACE.





The construction of and the completed replacement pier, ramp, floating docks, and protection structure will not interfere with any Army Corps navigation project. This project is not located within any National Wildlife Refuge, National Forest, National Marine Sanctuary, or other National Park. The project is not located in a historic or archeological significant area. Review of the United States Fish and Wildlife Service Information for Planning and Consultation indicated that there are no critical habitats at the project site (available at <https://ipac.ecosphere.fws.gov/resources>).

This project is not anticipated to impact aquatic life movements or water flows in Narragansett Bay. We do not anticipate any discharges of pollutants as a result of this Project. Furthermore, this project will obtain a Water Quality Certificate from RIDEM. Based on review of the Greater Atlantic Region Marine Fisheries Essential Fish Habitat (EFH) mapper available at (<https://www.habitat.noaa.gov/apps/efhmapper>), this portion of Narragansett Bay does contain potential fish habitat. There are no vernal pools at the site. To the extent practical this project will avoid impacts to the surrounding environment.

Once this project has obtained authorization from the regulatory agencies, copies of the permits/approvals will be kept onsite during construction.

### **3. RIDEM Water Quality Certification**

RIDEM classifies Narragansett Bay in this area (RI0007024) as an SA water body. SA waterbodies are designated for primary and secondary contact recreational activities, fish and wildlife habitat, and shellfish and fish consumption. There are no vegetated wetlands adjacent to the water body's edge.

There will be no grading or permanent changes to the limit of work area (**Sheet 5**). Infiltration of precipitation will not be altered. There will be no storage of uncovered materials that may contaminate runoff. The project does not create any additional impervious surface requiring stormwater treatment. We do not anticipate any soil disturbance on land and sediment disturbance will be minimized to the extent possible. We believe this project will not adversely impact the water quality of Narragansett Bay.

A completed application form is included with this application package.





September 8, 2022

File No. 03.0034944.00

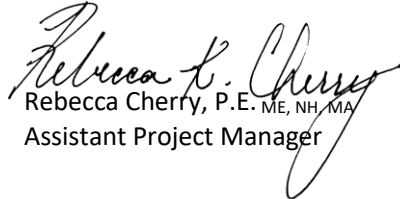
Weaver Cove Boat Ramp and Pier Improvement, Portsmouth, RI

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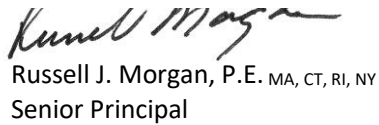
We are hopeful that this combined permit application package provides the necessary information and serves to keep all environmental permitting agencies "in the loop" with one another. If you have any questions or need additional information, please contact Igor at [igor.runge@gza.com](mailto:igor.runge@gza.com) or 401-374-3468.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

  
Rebecca Cherry, P.E. ME, NH, MA  
Assistant Project Manager

  
Igor Runge, Ph.D., P.H.  
Senior Consultant

  
Russell J. Morgan, P.E. MA, CT, RI, NY  
Senior Principal

  
Matthew Page, P.E. MA, RI, CT, NY, ME, NM, HI  
Consultant/Reviewer

- Attachments:
- 8 Sheet Plan Set
  - Application Forms (CRMC Modification, USACE Self Verification, RIDEM WQC)
  - Site Photographs
  - Proof of Ownership
  - Abutters List
  - Prior CRMC Permits
  - Proposed Wave Fence Layout Plan

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8 SHEET PLAN SET



# WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT PROJECT

BURMA ROAD  
PORTSMOUTH, RHODE ISLAND

**PERMIT SET**  
**SEPTEMBER 7, 2022**

PREPARED FOR:

**TOWN OF PORTSMOUTH**  
**2200 EAST MAIN ROAD**  
**PORTSMOUTH, RHODE ISLAND**

DESIGNED BY:



GZA GEOENVIRONMENTAL, INC.  
188 VALLEY ST., SUITE 300  
PROVIDENCE RHODE ISLAND, 02909



**PROJECT LOCUS MAP**

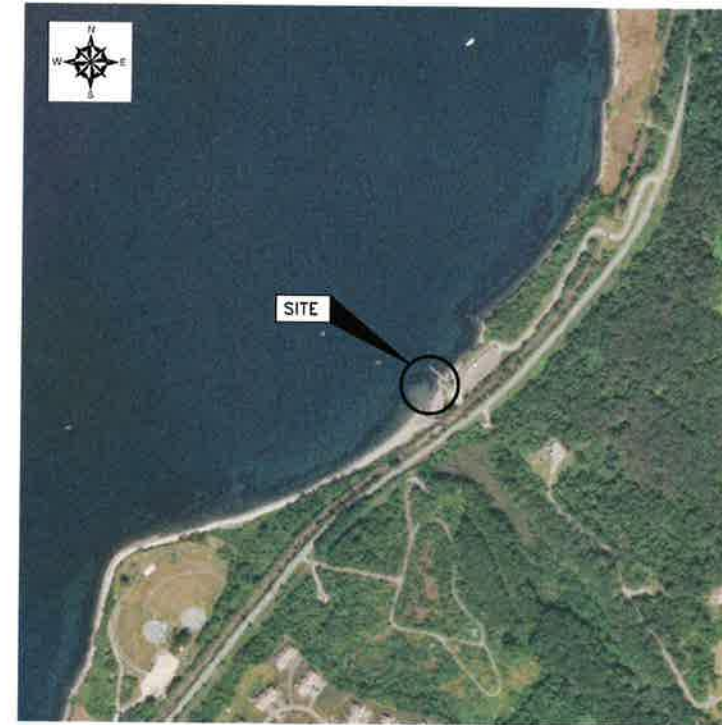
0 1000' 2000' 4000' 6000'  
SCALE IN FEET 1" = 2000'

SOURCE:  
BASE MAP FROM THE FOLLOWING USGS QUADRANGLE MAP:  
GEORGIAVILLE, RI (2018), BLACKSTONE, MA (2018)

DIGITAL TOPOGRAPHIC MAPS PROVIDED BY USGSSTORE.GOV.  
CONTOUR ELEVATIONS REFERENCE NAVD 88,  
CONTOURS ARE SHOWN IN FEET AT 10 FOOT INTERVALS



QUADRANGLE LOCATION



**PROJECT VICINITY MAP**

0 1000' 2000' 4000' 6000'  
SCALE IN FEET 1" = 2000'

SOURCE: AERIAL MAP DEVELOPED FROM BING AERIAL IMAGERY  
ACCESSED ON JUNE 11, 2021

**INDEX OF DRAWINGS**

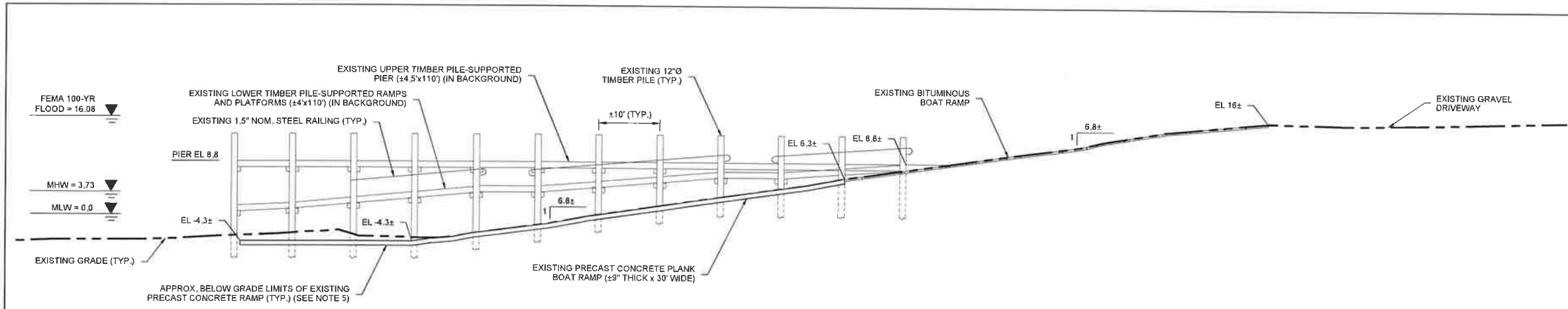
SHEET NUMBER	SHEET TITLE
1	COVER SHEET AND INDEX OF DRAWINGS
2	EXISTING CONDITIONS PLAN AND PROFILE
3	EXISTING SECTION
4	PROPOSED REMOVALS AND EROSION CONTROL PLAN
5	PROPOSED CONDITIONS PLAN
6	PROPOSED PROFILES
7	PROPOSED SECTION AND DETAILS
8	MISCELLANEOUS DETAILS

**RECEIVED**  
**9/8/2022**  
 COASTAL RESOURCES  
 MANAGEMENT COUNCIL

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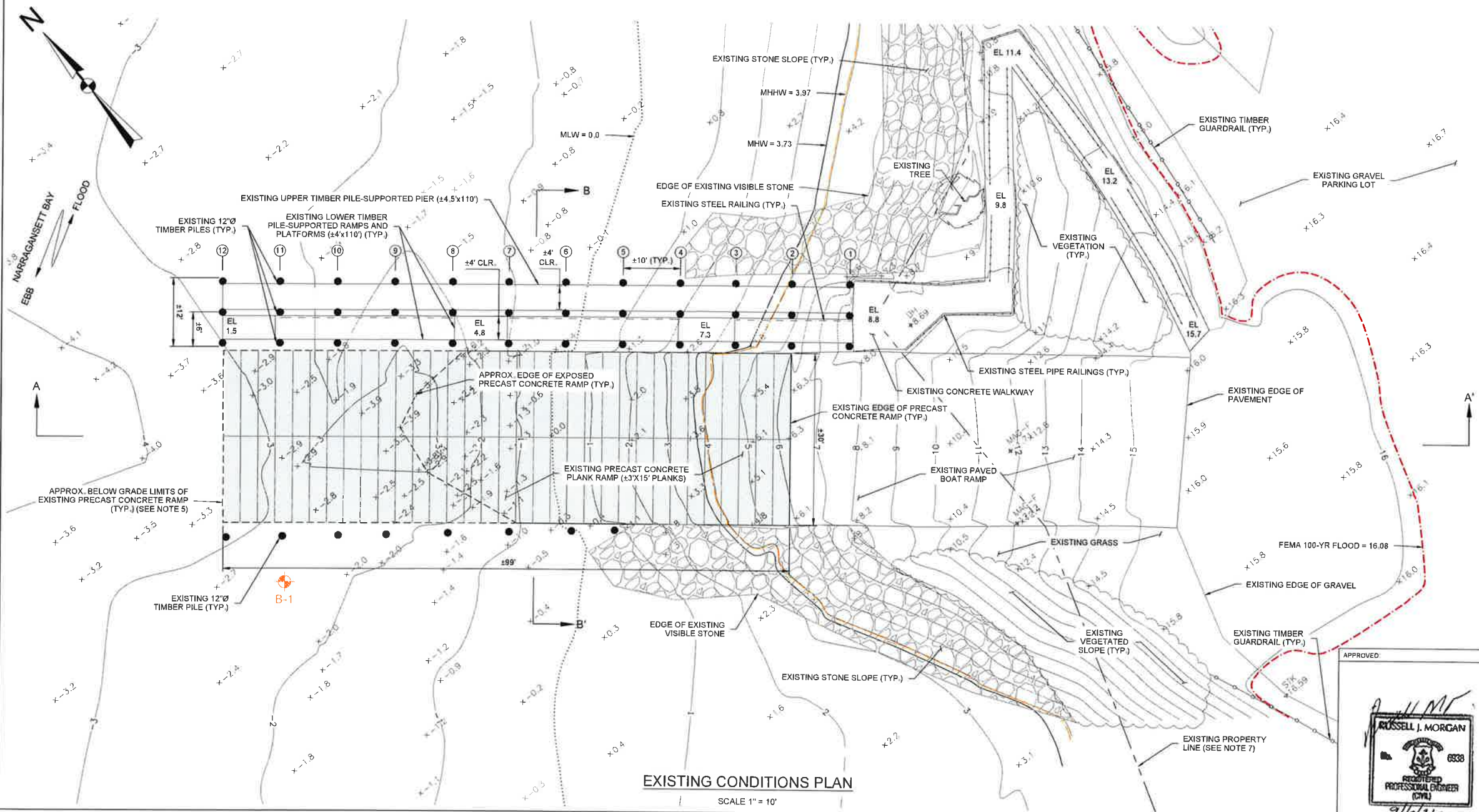
P.E. STAMP:

- GENERAL NOTES**
- ELEVATIONS ARE IN FEET AND REFERENCE MEAN LOW WATER (MLW) DATUM: MLW=0.0', MLLW=-0.16', NAVD88=2.08', MTL=1.87', MHW=3.73', MHHW=3.97', FEMA 100-YEAR FLOOD ZONE VE=16.08'.
  - TIDAL DATUM REFERENCED TO THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) STATION ID 8452555, NAVY PIER, PRUDENCE ISLAND, RHODE ISLAND.
  - VERTICAL DATUM CONVERSION TAKEN FROM NOAA'S VERTICAL DATUM CONVERSION WEBSITE ACCESSED ON AUGUST 9, 2021.
  - LIMITED TOPOGRAPHIC AND BATHYMETRIC SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC., ON AUGUST 4, 2021 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  - APPROXIMATE BELOW GRADE LIMITS OF THE EXISTING PRECAST CONCRETE BOAT RAMP BASED ON PLAN TITLED "AS-BUILT SITE PLAN - BOAT RAMP AREA WEAVER COVE", PREPARED BY JOHN P. CAITO CORPORATION, DATED DECEMBER 12, 1996.
  - BORING LOCATION DETERMINED IN THE FIELD BY GZA GEOENVIRONMENTAL, INC. BASED ON TAPE MEASUREMENTS FROM EXISTING SITE FEATURES.
  - PARCEL DATA WAS OBTAINED FROM THE TOWN OF PORTSMOUTH, RI WEBGIS MAPPING SERVICE AND SHOULD BE CONSIDERED ACCURATE TO THE METHOD USED TO DEVELOP BY THE SOURCE.

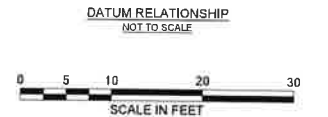
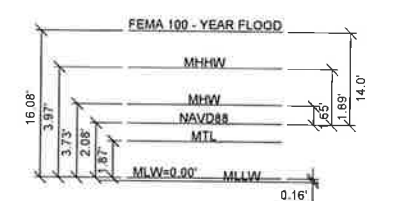


**EXISTING PROFILE A - A'**  
SCALE 1" = 10'

- LEGEND**
- EXISTING CONTOUR MAJOR
  - EXISTING CONTOUR MINOR
  - MEAN LOW WATER [ MLW ]
  - MEAN HIGH WATER [ MHW ]
  - MEAN HIGHER HIGH WATER [ MHHW ]
  - FEMA 100-YR FLOOD ELEVATION
  - APPROXIMATE PROPERTY LINE
  - EXISTING TIMBER GUARDRAIL
  - EXISTING STEEL RAILINGS
  - APPROXIMATE EXISTING VEGETATION
  - EXISTING EXPOSED STONE
  - EXISTING PRECAST CONCRETE RAMP
  - APPROXIMATE BELOW GRADE LIMITS OF EXISTING PRECAST CONCRETE RAMP (SEE NOTE 5)
  - INDICATES BORINGS PERFORMED BY NEW ENGLAND BORING CONTRACTORS OF DERRY, NEW HAMPSHIRE ON AUGUST 10, 2021, OBSERVED AND LOGGED BY GZA PERSONNEL.
  - BENT ROW DESIGNATION NUMBER



**EXISTING CONDITIONS PLAN**  
SCALE 1" = 10'



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**WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT PORTSMOUTH, RHODE ISLAND**

**EXISTING CONDITIONS PLAN AND PROFILE**

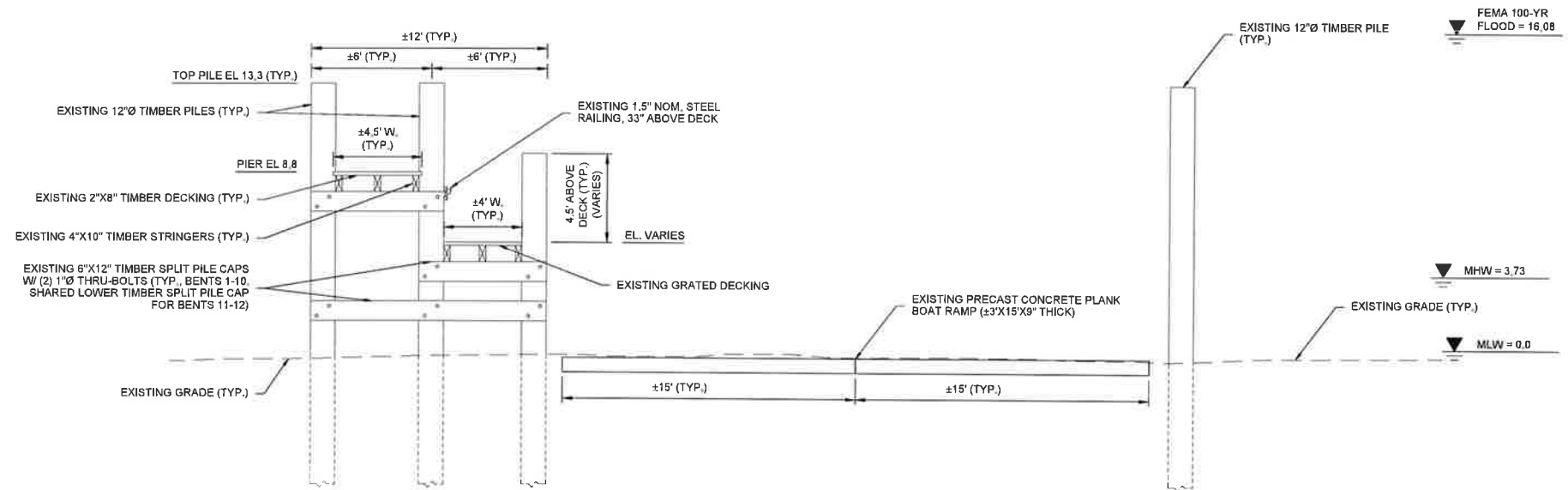
PREPARED BY: **GZA GeoEnvironmental, Inc.** Engineers and Scientists  
www.gza.com

PREPARED FOR: **TOWN OF PORTSMOUTH**  
2200 EAST MAIN ROAD  
PORTSMOUTH, RHODE ISLAND

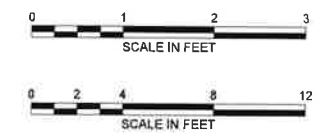
PROJ MGR: RKT REVIEWED BY: RJM CHECKED BY: MJP DRAWING  
DESIGNED BY: RKT DRAWN BY: ADD SCALE AS SHOWN  
DATE: SEPTEMBER 2022 PROJECT NO. 03.0034944.00 REVISION NO. 2 SHEET NO. 2 OF 8

APPROVED: **RUSSELL J. MORGAN**  
REGISTERED PROFESSIONAL ENGINEER  
0338  
9/16/22

**RECEIVED**  
9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL



EXISTING SECTION B - B'  
SCALE 1" = 4'



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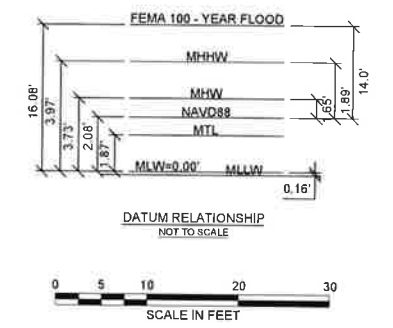
APPROVED:  
  
9/6/22

WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT PORTSMOUTH, RHODE ISLAND			
EXISTING SECTION			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND		
PROJ MGR: RKT	REVIEWED BY: RJM	CHECKED BY: MJP	DRAWING
DESIGNED BY: RKT	DRAWN BY: AD	SCALE: AS SHOWN	3
DATE: SEPTEMBER 2022	PROJECT NO.: 03.0034944.00	REVISION NO.:	SHEET NO. 3 of 8

RECEIVED  
9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL

- GENERAL NOTES**
- ELEVATIONS ARE IN FEET AND REFERENCE MEAN LOW WATER (MLW) DATUM. MLW=0.0'. MLLW=-0.16'. NAVD88=2.08'. MTL=1.87'. MHW=3.73'. MHHW=3.97'. FEMA 100-YEAR FLOOD ZONE VE=16.08'.
  - TIDAL DATUM REFERENCED TO THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) STATION ID 8452555, NAVY PIER, PRUDENCE ISLAND, RHODE ISLAND.
  - VERTICAL DATUM CONVERSION TAKEN FROM NOAA'S VERTICAL DATUM CONVERSION WEBSITE ACCESSED ON AUGUST 9, 2021.
  - LIMITED TOPOGRAPHIC AND BATHYMETRIC SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC., ON AUGUST 4, 2021 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  - APPROXIMATE BELOW GRADE LIMITS OF THE EXISTING PRECAST CONCRETE BOAT RAMP BASED ON PLAN TITLED "AS-BUILT SITE PLAN - BOAT RAMP AREA WEAVER COVE", PREPARED BY JOHN P. CAITO CORPORATION, DATED DECEMBER 12, 1996.
  - BORING LOCATION DETERMINED IN THE FIELD BY GZA GEOENVIRONMENTAL, INC. BASED ON TAPE MEASUREMENTS FROM EXISTING SITE FEATURES.
  - PARCEL DATA WAS OBTAINED FROM THE TOWN OF PORTSMOUTH, RI WEBSITE MAPPING SERVICE AND SHOULD BE CONSIDERED ACCURATE TO THE METHOD USED TO DEVELOP BY THE SOURCE.

- LEGEND**
- EXISTING CONTOUR MAJOR
  - EXISTING CONTOUR MINOR
  - MEAN LOW WATER [ MLW ]
  - MEAN HIGH WATER [ MHW ]
  - MEAN HIGHER HIGH WATER [ MHHW ]
  - FEMA 100-YR FLOOD ELEVATION
  - APPROXIMATE PROPERTY LINE
  - EXISTING TIMBER GUARDRAIL
  - EXISTING STEEL RAILINGS
  - APPROXIMATE EXISTING VEGETATION
  - EXISTING EXPOSED STONE
  - EXISTING PRECAST CONCRETE RAMP
  - APPROXIMATE PERIMETER OF TURBIDITY CURTAIN
  - APPROXIMATE BELOW GRADE LIMITS OF EXISTING PRECAST CONCRETE RAMP (SEE NOTE 5)
  - INDICATES BORINGS PERFORMED BY NEW ENGLAND BORING CONTRACTORS OF DERRY, NEW HAMPSHIRE ON AUGUST 10, 2021, OBSERVED AND LOGGED BY GZA PERSONNEL.
  - BENT ROW DESIGNATION NUMBER



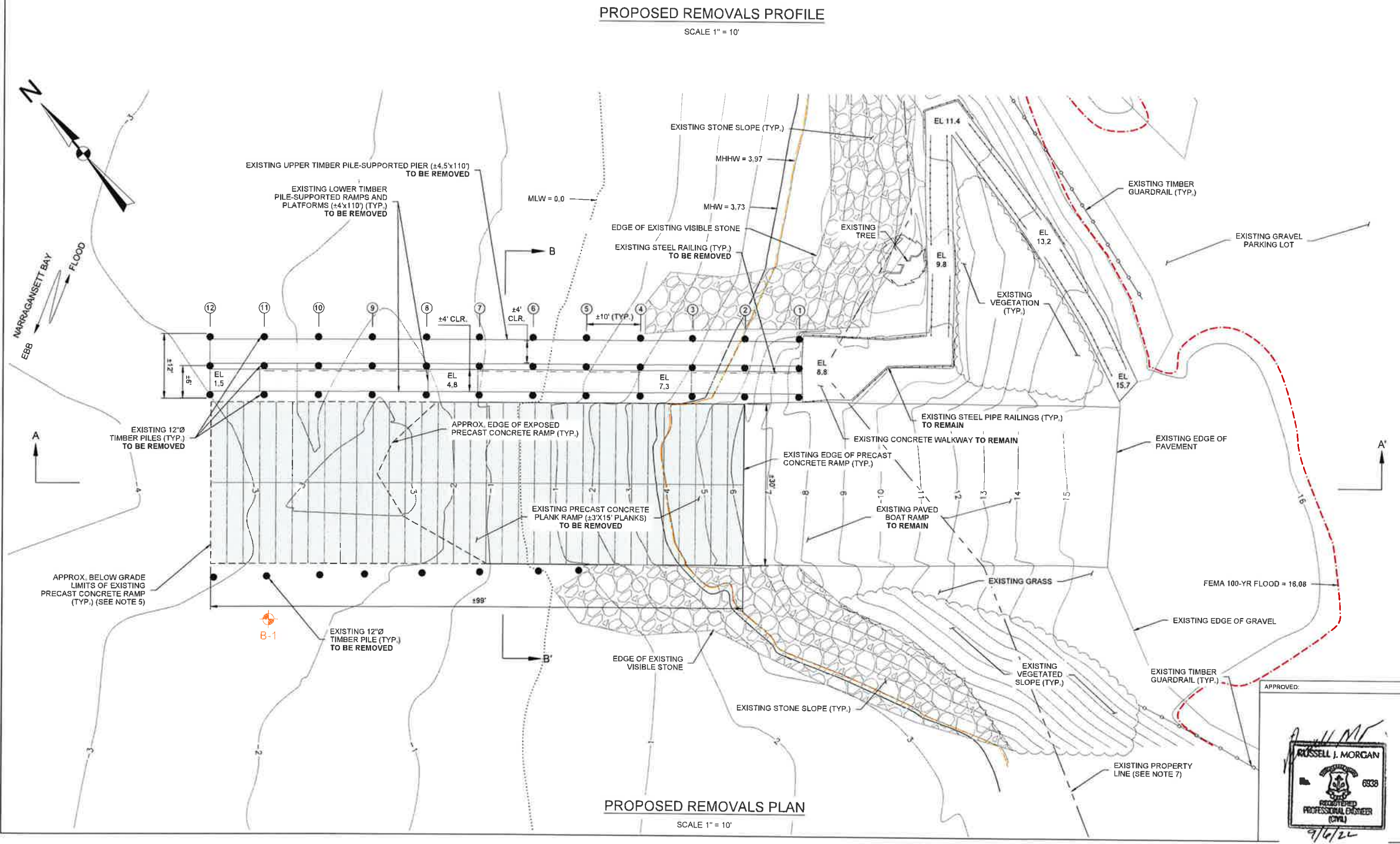
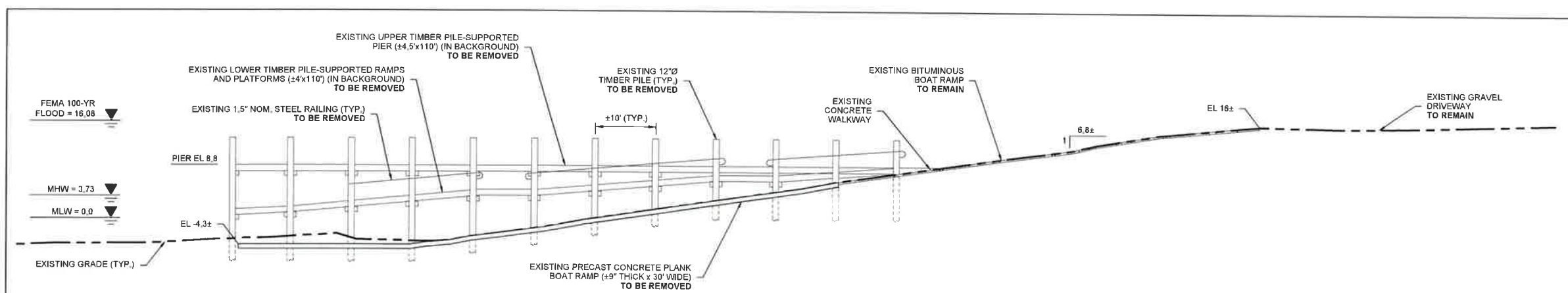
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WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT  
PORTSMOUTH, RHODE ISLAND

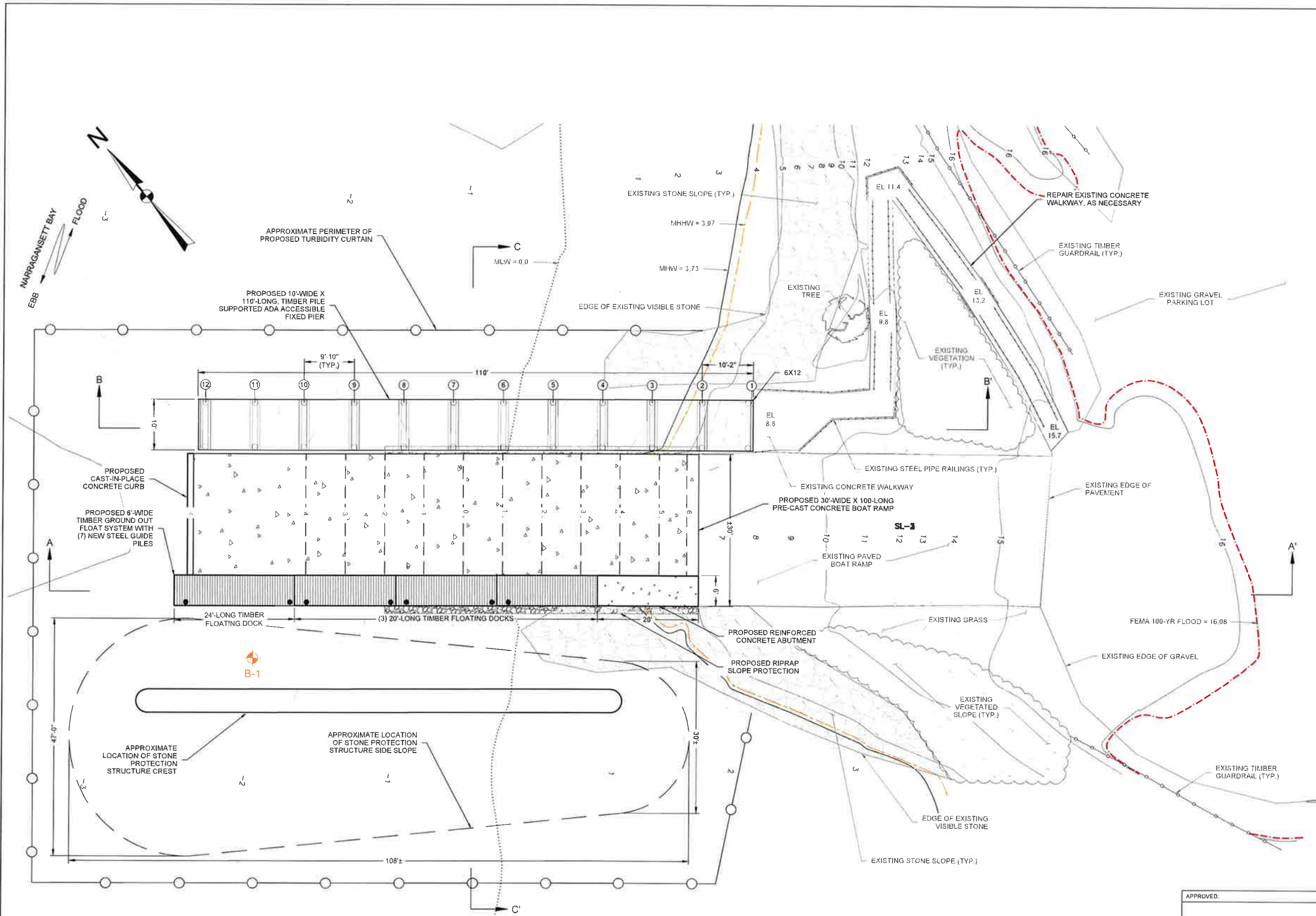
**PROPOSED REMOVALS AND EROSION AND SEDIMENTATION CONTROL PLAN**

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND
PROJ MGR: RKT DESIGNED BY: RKT DATE: SEPTEMBER 2022	REVIEWED BY: RJM DRAWN BY: ADD PROJECT NO.: 03.0034944.00
CHECKED BY: MJP	DRAWING NO.: 4
SCALE: AS SHOWN	REVISION NO.: -
SHEET NO. 4 OF 8	



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9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL

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9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL



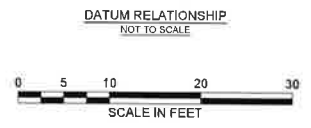
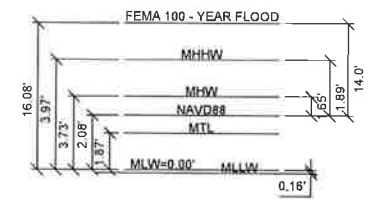
PROPOSED CONDITIONS PLAN  
SCALE 1" = 10'

GENERAL NOTES

- ELEVATIONS ARE IN FEET AND REFERENCE MEAN LOW WATER (MLW) DATUM: MLW=0.0', MLLW=-0.16', NAVD88=2.08', MTL=1.87', MHW=3.73', MHHW=3.97', FEMA 100-YEAR FLOOD ZONE VE=16.08'
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- EXISTING CONTOUR MINOR
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- MEAN HIGH WATER [ MHW ]
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- EXISTING EXPOSED STONE
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- BENT ROW DESIGNATION NUMBER



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WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT  
PORTSMOUTH, RHODE ISLAND

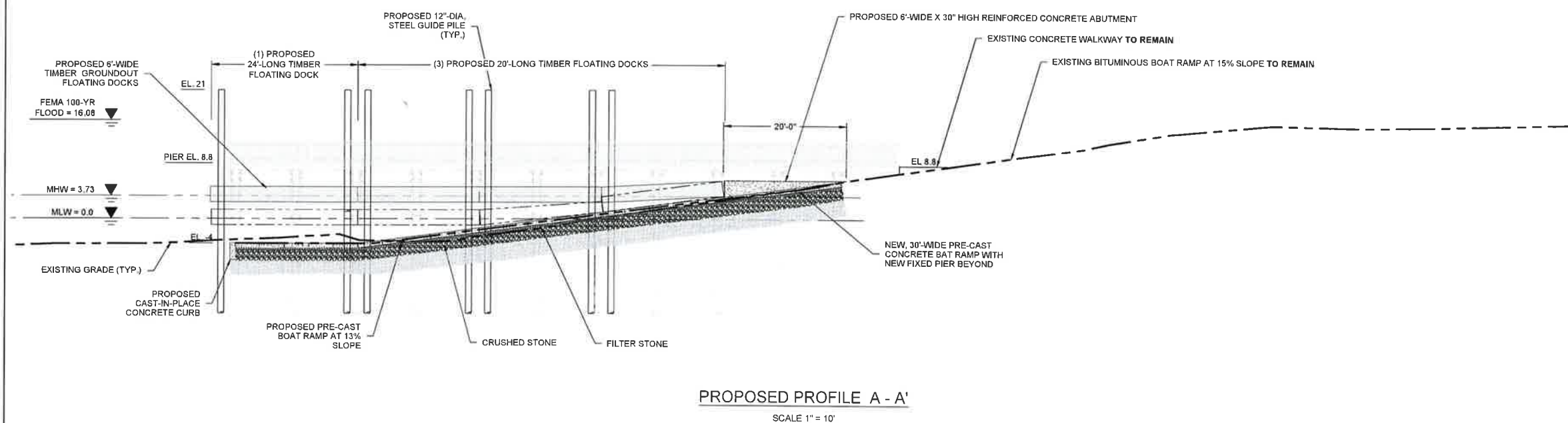
PROPOSED CONDITIONS PLAN

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND
PROJ MGR: RKT DESIGNED BY: RKT DATE: SEPTEMBER 2022	REVIEWED BY: RUM DRAWN BY: AD PROJECT NO: 03.0034944.00
CHECKED BY: MJP SCALE: AS SHOWN REVISION NO.:	<b>5</b> SHEET NO. 5 OF 8

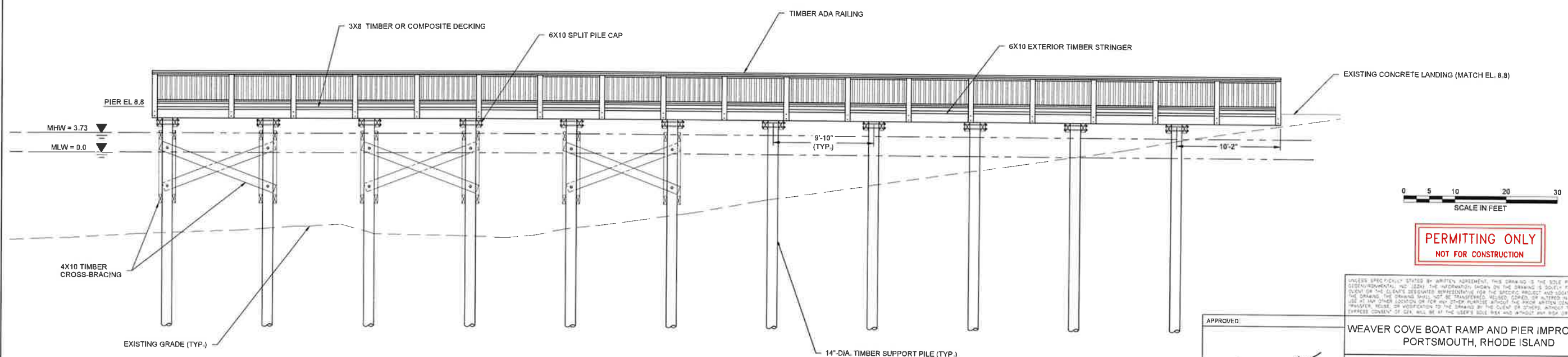
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PROPOSED PROFILE A - A'  
SCALE 1" = 10'



PROPOSED PROFILE B - B'  
SCALE 1" = 5'



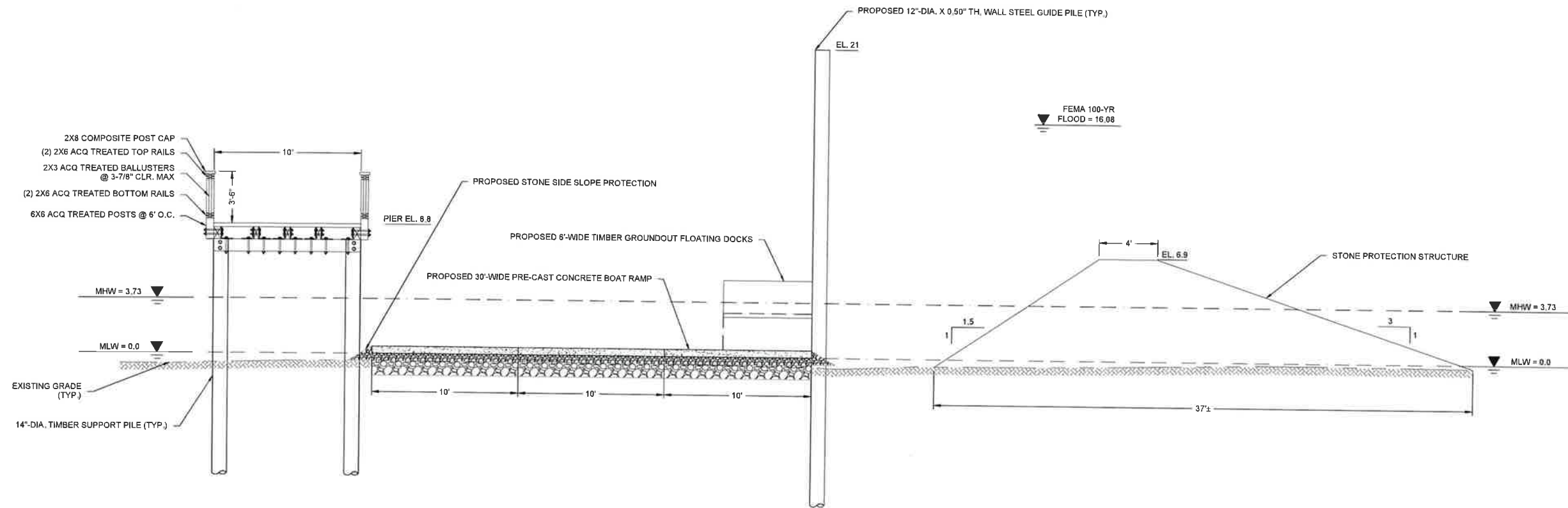
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APPROVED  
*Russell J. Morgan*  
RUSSELL J. MORGAN  
REGISTERED PROFESSIONAL ENGINEER  
(CIVIL)  
9/16/22

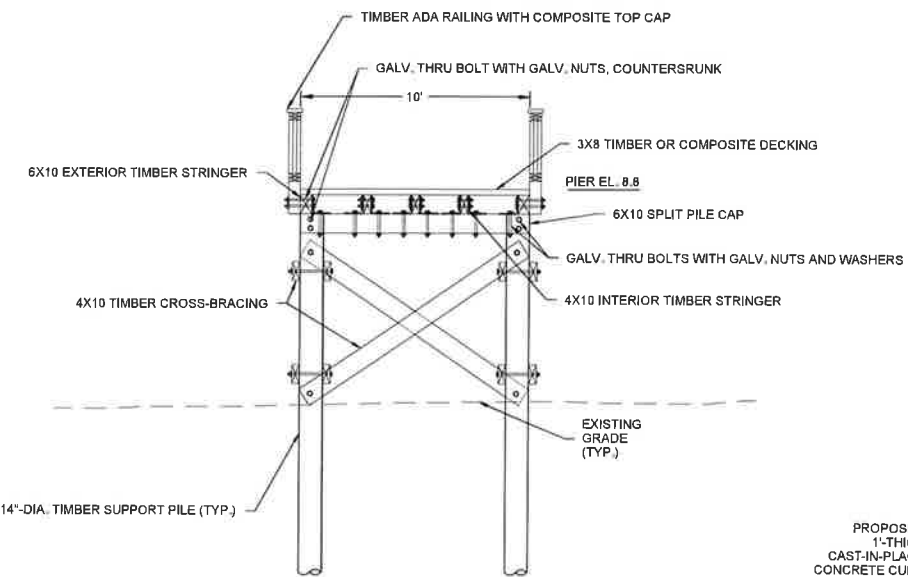
WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT PORTSMOUTH, RHODE ISLAND			
PROPOSED PROFILES			
PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND		
PROJ MGR: RKT	REVIEWED BY: RJM	CHECKED BY: MJP	DRAWING
DESIGNED BY: RKT	DRAWN BY: ADD	SCALE: AS SHOWN	6
DATE: SEPTEMBER 2022	PROJECT NO: 03.0034944.00	REVISION NO.:	SHEET NO. 6 OF 8

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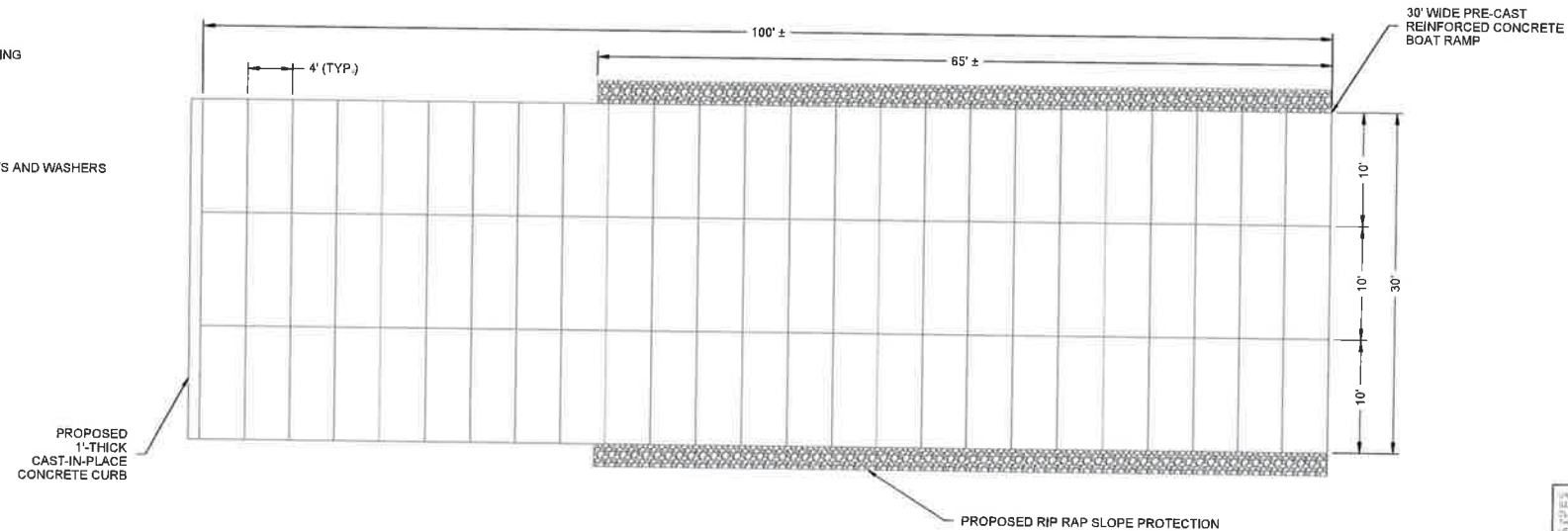
PROPOSED SECTION C-C'

SCALE 1" = 4'



PROPOSED PIER SECTION

SCALE 1" = 4'



PROPOSED RAMP DETAIL

SCALE 1" = 4'



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WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT  
PORTSMOUTH, RHODE ISLAND

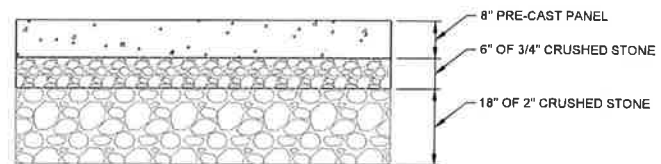
PROPOSED SECTION AND  
DETAILS

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND	
PROJ MGR: RKT	DESIGNED BY: RKT	REVIEWED BY: RJM	CHECKED BY: MJP
DATE: SEPTEMBER 2022	PROJECT NO.: 03.0034944.00	SCALE: AS SHOWN	REVISION NO.: 7
			DRAWING SHEET NO. 7 OF 8

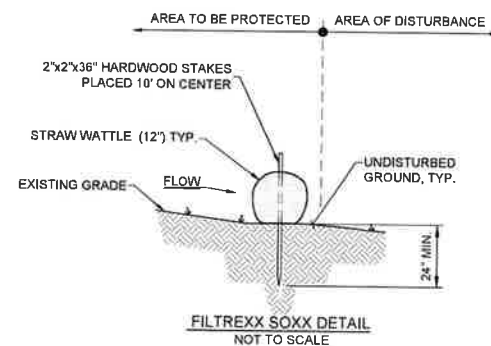
APPROVED:  
*[Signature]*  
**RUSSELL J. MORGAN**  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
9/16/22

RECEIVED  
9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL

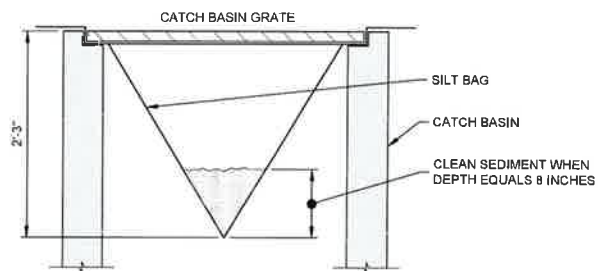




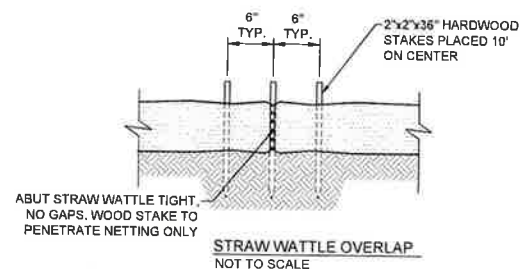
**PRE-CAST RAMP SECTION**  
NOT TO SCALE



**FILTREXX SOXX DETAIL**  
NOT TO SCALE



**SILT SACK DETAIL**  
NOT TO SCALE

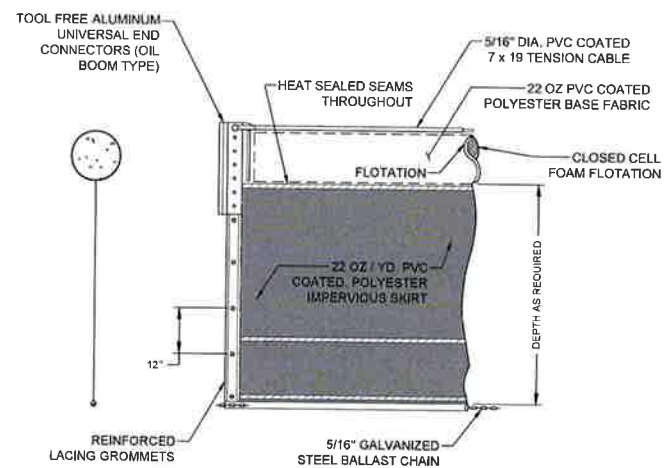


**STRAW WATTLE OVERLAP**  
NOT TO SCALE

**NOTES:**

1. ALL MATERIAL TO MEET STRAW WATTLE SPECIFICATIONS.
2. FILTER MEDIA (TM) FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE AS APPROVED BY ENGINEER.

**STRAW WATTLE SEDIMENT CONTROL DETAIL**  
NOT TO SCALE



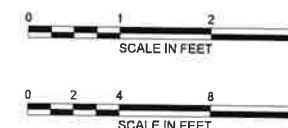
**TURBIDITY CURTAIN**  
NOT TO SCALE

**NOTES:**

1. SEDIMENT BAG INLET PROTECTION TO BE SILT SACK MANUFACTURED BY ATLANTIC CONSTRUCTION FABRICS INC. RICHMOND, VA OR APPROVED EQUAL.
2. STORMWATER CATCH BASINS OR DRAINS SHALL BE PROTECTED FROM MATERIALS RUN-OFF. CONTRACTOR SHALL INSTALL SILT SACKS WITHIN EACH CATCH BASIN IN THE VICINITY OF ANY WORK AREAS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL USE ALL BMP'S NECESSARY TO PROTECT THESE INLETS FROM SEDIMENT AND DEBRIS.

**NOTES:**

1. ANCHOR CURTAIN ENDS AT DAM FACE.
2. ANCHOR CURTAIN AT INTERMEDIATE POINTS WITH CONCRETE ANCHOR BLOCKS.



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**WEAVER COVE BOAT RAMP AND PIER IMPROVEMENT**  
**PORTSMOUTH, RHODE ISLAND**

**MISCELLANEOUS DETAILS**

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: TOWN OF PORTSMOUTH 2200 EAST MAIN ROAD PORTSMOUTH, RHODE ISLAND	
PROJ MGR: RKT	DESIGNED BY: RKT	REVIEWED BY: RJM	CHECKED BY: MJP
DATE: SEPTEMBER 2022	PROJECT NO.: 03.0034944.00	DRAWN BY: AG	SCALE: AS SHOWN
		REVISION NO.:	<b>8</b>
			SHEET NO. 8 OF 8

APPROVED:  
  
**RUSSELL J. MORGAN**  
REGISTERED PROFESSIONAL ENGINEER (CIVIL)  
9/6/22

**RECEIVED**  
9/8/2022  
COASTAL RESOURCES  
MANAGEMENT COUNCIL



**APPLICATION FORMS**





**US Army Corps  
of Engineers**  
New England District

**Section IX: Self-Verification Notification Form**

This form is required for all projects in Rhode Island unless the project is non-reporting to USACE. At least two weeks before work commences, complete all fields (write "none" if applicable) below, send this form, Official Species List (see Section VIII), site location map, project plans (not required for projects involving the installation of construction mats only) and any State or local approval(s) to:

Regulatory Division, Branch B  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751  
or [cenae-r-ri@usace.army.mil](mailto:cenae-r-ri@usace.army.mil)

State Application Number if available: \_\_\_\_\_

Applicant: Town of Portsmouth, RI  
Address, City, State & Zip: 2200 East Main Rd, Portsmouth, Rhode Island, 02871  
Phone and Email: Brian Woodhead, 401-683-0362, bwoodhead@portsmouthri.com

Agent: GZA GeoEnvironmental, Inc.  
Address, City, State & Zip: 188 Valley Street, Suite 300, Providence RI, 02909  
Phone and Email: Russell Morgan, 401-427-2708, russell.morgan@gza.com

Contractor: \_\_\_\_\_  
Address, City, State & Zip: \_\_\_\_\_  
Phone and Email: \_\_\_\_\_

Project Name: Weaver Cove Boat Ramp and Pier Improvement  
Project Location: (provide detailed description & locus map): \_\_\_\_\_  
Address, City, State & Zip: Burma Rd, Portsmouth, RI 02871  
Lat. ° N, Long ° (Decimal Degrees): 41.573857 N, -71.287959 W  
Waterway Name: Narragansett Bay

Estimated Work Dates: Start: Fall 2023 Finish: Spring 2024

Work will be done under the following GPs (circle all that apply):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----

Area of Wetland Impacts (SF): Permanent: \_\_\_\_\_ Temporary: \_\_\_\_\_  
Area of Waterway Impacts (SF): Permanent: 4,625 Temporary: \_\_\_\_\_  
TOTAL Project Impact (SF): Permanent: 4,625 Temporary: \_\_\_\_\_

Are the total project impacts within the thresholds of the applicable GP?  Yes  No\*  
\*If NO, project is not eligible for SV. Contact USACE before proceeding with project.



Describe the specific work that will be undertaken in waters and wetlands:  
Repair and replacement of public access boat launch facility. See attached narrative for additional details.

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Are there any historic properties located in the proposed projects vicinity? Attach supporting information from <https://preservation.ri.gov/historic-places/national-register/listed-properties>  Yes  No

Are there Federally listed endangered/threatened species present? (Section VIII, refer to the USFWS IPaC list)  Yes  No

Are vegetated shallows present that can or will be impacted?  Yes  No

Is there unconfined work with impact to diadromous fish?  Yes  No

Does work comply with the most recent RIDOT Road-Stream Crossing Design Manual (check YES if not applicable):  Yes  No

**Will your project include any secondary effects?** Secondary effects include, but are not limited to, non-tidal waters or wetlands drained, flooded, fragmented, or mechanically cleared resulting from a single and complete project. (Section VI - Definitions)

If YES, describe here:


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Your signature below, as permittee, indicates that you accept and agree to comply with the terms, eligibility criteria, and general conditions for Self-Verification under the Rhode Island GPs. Your project may proceed under SV upon receipt of applicable state permits unless otherwise notified by USACE.

Permittee Signature:  Date: 8-30-2022



**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**Office of Water Resources – Groundwater and Freshwater Wetlands**  
**Protection**

235 Promenade Street, Providence, RI 02908  
 Telephone: 401-222-6820; Rhode Island Relay: 711

Revised by RIDEM  
 08/19/2022

**Application for Stormwater Construction Permit and Water Quality Certification**

Use this form to request a Stormwater Construction Permit (RIPDES CGP or GWD/UIC) or Water Quality Certification (WQC). If a Freshwater Wetlands (FWW) Application is required, this form must be submitted in addition to the [FWW Application form](#).

If a WQC is requested as part of a Federal Permit which is not covered under a General Permit and therefore requires State certification, this form must be submitted **in addition to** the [Supplemental Water Quality Certification Request Form](#).

**Please fill out this form electronically. Print the completed form and submit Permit Application Center (PAC) with all required documentation and fee to:**

(Check or money order must be made payable to the Rhode Island General Treasurer.)  
 Stormwater Construction Permit Fee will be waived for applications submitted concurrently with a Freshwater Wetlands Application.


**RIDEM**  
**235 Promenade Street, Room 260**  
**Providence, RI 02908-5767**

Provide all applicable information by completing the shaded areas.

Double-click to select:		<input type="checkbox"/> New Permit	<input checked="" type="checkbox"/> Permit Modification Fee = \$200.	Provide Permit Type & No.: WQC		
<b>Site &amp; Project</b>	City/Town: Portsmouth	Street Address: o Burma Road		<a href="#">Water Body Class:</a> SA		
	Plat(s): 50	Lot(s): 7A	Project Name: Public Boat Launch Facility, Weaver Cove			
	Location: Approx. 250 feet from Burma Rd		Water Body Name(s): RI0007024			
	<a href="#">Latitude:</a> 41.573919	<a href="#">Longitude:</a> -71.287875	Utility Pole #:	Total Site Area: 1.77 acres	Site Area to be Disturbed: acres	
	RIDOT PSID #:	RI Contract #:	Was there a Pre-Application Meeting? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>Owner / Applicant</b>	Organization/Company Name: Town of Portsmouth		Name and Email of Owner's Representative for Questions: bwoodhead@portsmouthri.com			
	First Name: Brian	Last Name: Woodhead	Owner's Email: bwoodhead@portsmouthri.com	Phone: 401-683-0362		
	Address: 2200 East Main Rd		City/Town: Portsmouth	State: RI	Zip: 02871	
	I certify under penalty of law that I've requested and authorized the investigation, compilation, and submission of all the information, in whatever form, contained in this Application; I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate and complete. I'm aware that it's the owner's responsibility to implement or hire a qualified contractor responsible to implement any required Soil Erosion and Sediment Control Plan, so as to effectively control stormwater discharges leaving the site during the construction period. I authorize RIDEM personnel access to the property for purposes of observing conditions pertinent to this application and assessing compliance with any permit or determination resulting from this application.					
Applicant's Signature: 		Title: Director of Public Works	Date: 08/19/22			
Organization/Company Name: GZA		Professional's License Type(s) and Number(s):				
Professional's Name: Russell Morgan, P.E		Professional's Email: russell.morgan@gza.com	Phone: 401-427-2708			
<b>Professional</b>	I certify under penalty of law that the project described in this application and associated materials is in compliance with the RI Stormwater Design and Installation Standards Manual (as amended) and the Rhode Island Soil Erosion and Sediment Control Handbook (as amended) (if required) and I believe all information presented in this application and the accompanying materials are true, accurate and complete. All engineering designs, plans and specifications [if required] included in this application were done by me or by someone working directly for me. The Natural Heritage Area Information [if required] and the site specific Soil Erosion and Sediment Control Plan [if required] were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering or developing the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete at the time this application is made. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					
	Professional's Signature: 		Title: Senior Principal	Date: 08/19/22		

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 MANAGEMENT COUNCIL

PERMIT HISTORY AND APPLICABILITY - **Double-click** to check all boxes that apply to the proposed project.

Permit History	Provide all other application or file numbers associated with this site.	RIDEM USE ONLY
Stormwater Construction Activity	RI CRMC Assent: <b>94-11-30</b>	
	US Army Corps of Engineers:	
	RIDEM Program Name & File Number:	
	Select all that apply. [Stormwater submissions must comply with all requirements of the <a href="#">Stormwater Management, Design and Installation Rules</a> .] Click links below to refer to other applicable Rules. There are Freshwater Wetlands on the subject or adjacent property, AND the project proposes: <ul style="list-style-type: none"> <li><input type="checkbox"/> New or increased impervious cover for property other than a single family home; or</li> <li><input type="checkbox"/> Disturbance of more than 10,000 sq. ft. of existing impervious cover; or</li> <li><input type="checkbox"/> To fill in any amount of floodplain or alter storm flowage to a river, stream or wetland on any lot.</li> </ul> <p style="text-align: center;"><a href="#">Refer to Freshwater Wetland Rules</a></p>	
Water Quality Certification (WQC)	The project proposes an infiltration system listed in 8.21 of the <a href="#">Stormwater Rules</a> (i.e. infiltration trench, infiltration basin, UIC chamber or drywell) that receives stormwater from: <ul style="list-style-type: none"> <li><input type="checkbox"/> A residential impervious area that is more than 10,000 sq. ft.; or</li> <li><input type="checkbox"/> A non-residential roof area greater than 10,000 sq. ft.; or</li> <li><input type="checkbox"/> A non-residential (commercial, industrial, institutional...) road or parking area of any size.</li> </ul> Indicate if the treatment system discharges: <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Below</b> the ground (UIC); or</li> <li><input type="checkbox"/> Above the ground and infiltrates (not UIC), but must be reviewed for compliance with the <a href="#">RISDISM</a> to be protective of groundwater.</li> </ul> <p style="text-align: center;"><a href="#">Refer to Groundwater Discharge Rules</a></p>	
	The project proposes <b>discharge of stormwater</b> to waters of the State [including a Separate Storm Sewer System (MS4)], AND : <ul style="list-style-type: none"> <li><input type="checkbox"/> Disturbs less than 1 acre, but the activity is part of a larger common plan resulting in more than 1 acre of disturbance.</li> <li><input type="checkbox"/> Disturbs more than 1 acre of property.</li> </ul> <p style="text-align: center;"><a href="#">Refer to RI Pollutant Discharge Elimination System General Permit</a></p>	
Water Quality Certification (WQC)	Select all project type(s): <ul style="list-style-type: none"> <li><input type="checkbox"/> Discharge that requires a Federal Permit                             <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Federal Energy Regulatory Commission (FERC)</a></li> <li><input type="checkbox"/> Marinas-New Construction or Expansion</li> <li><input checked="" type="checkbox"/> Fill Waters of the U.S.</li> <li><input type="checkbox"/> ACOE Individual Permit</li> <li><input type="checkbox"/> ACOE Fill in Coastal Waters</li> <li><input type="checkbox"/> Other</li> </ul> </li> <li><input type="checkbox"/> Harbor Management Plan</li> <li><input type="checkbox"/> Flow Alterations/Water Withdrawals</li> <li><input type="checkbox"/> Stormwater Master Plan</li> </ul> <p style="text-align: center;"><a href="#">Refer to Water Quality Rules and Application Guidance</a></p>	
Submission Requirements	Please submit separately bound documents, as required. Additional copies are required when submitting concurrently with a Freshwater Wetlands Application. <ul style="list-style-type: none"> <li>1 Site Plan(s)</li> <li>1 Appendix A Checklist/LID Planning Assessment</li> <li>1 Stormwater Management Plan (Includes SESC Plan, O&amp;M Plan, and SW Drainage/Analysis Report)</li> </ul> Appropriate Fee: New Permit = \$400; Permit Modification = \$200.	Amt Paid:  Check No:  Date Received:




**SITE PHOTOGRAPHS**





# Site Photographs

<b>Client Name:</b> Town of Portsmouth		<b>Site Location:</b> <b>Weaver Cove Boat Ramp</b> 0 Burma Road, Portsmouth, RI	<b>Project No.</b> 03.0034944.00
<b>Photo No.</b> 1	<b>Date:</b> 6/30/21		
<b>Direction Photo Taken:</b> West			
<b>Description:</b> View of boat ramp, asphalt drive, and fixed piers.			


<b>Photo No.</b> 2	<b>Date:</b> 6/30/21		
<b>Direction Photo Taken:</b> Northeast			
<b>Description:</b> View of boat ramp, asphalt drive, and fixed piers.			

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# Site Photographs


<b>Client Name:</b> Town of Portsmouth		<b>Site Location:</b> Weaver Cove Boat Ramp 0 Burma Road, Portsmouth, RI	<b>Project No.</b> 03.0034944.00
<b>Photo No.</b> 3	<b>Date:</b> 6/30/21		
<b>Direction Photo Taken:</b> North			
<b>Description:</b> View of ramp, piers, and coastal feature to the north.			

<b>Photo No.</b> 4	<b>Date:</b> 6/30/21	
<b>Direction Photo Taken:</b> Southwest		
<b>Description:</b> View of coastal feature south of ramp/piers.		

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# Site Photographs

<b>Client Name:</b> Town of Portsmouth		<b>Site Location:</b> <b>Weaver Cove Boat Ramp</b> 0 Burma Road, Portsmouth, RI	<b>Project No.</b> 03.0034944.00
<b>Photo No.</b> 5	<b>Date:</b> 2/18/2022		
<b>Direction Photo Taken:</b> North			
<b>Description:</b> View of boat ramp, asphalt drive, and fixed piers; during storm event.			

<b>Photo No.</b> 6	<b>Date:</b> 8/04/2021		
<b>Direction Photo Taken:</b> South			
<b>Description:</b> View of fixed pier, floating dock, timber piles, and coastal feature south of boat ramp.			





**PROOF OF OWNERSHIP**



# 0 BURMA RD

**Location** 0 BURMA RD

**Mblu** 50/ 7/A / /

**Acct#** 32-0001-06

**Owner** TOWN OF PORTSMOUTH

**Assessment** \$240,200

**Appraisal** \$240,200

**PID** 149087

**Building Count** 1

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$28,900	\$211,300	\$240,200
Assessment			
Valuation Year	Improvements	Land	Total
2019	\$28,900	\$211,300	\$240,200

## Owner of Record

**Owner** TOWN OF PORTSMOUTH

**Sale Price** \$0

**Co-Owner**

**Certificate**

**Address** 2200 EAST MAIN RD

**Book & Page** 1675-244/0

PORTSMOUTH, RI 02871-1268

**Sale Date** 11/13/2014

**Instrument** B

## Ownership History



Ownership History						
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date	
TOWN OF PORTSMOUTH	\$0		1675-244/0	B	11/13/2014	
MELVILLE ASSOCIATES LP	\$7,000,000		1237-113/0	1G	12/08/2006	
MELVILLE MARINE INDUSTRIES	\$0		104-1/0		01/31/1984	
RHODE ISLAND PORT AUTHORITY	\$0		102-427/0		09/22/1983	
UNITED STATES OF AMERICA	\$0		1-1/0		01/01/1925	

## Building Information

**Building 1 : Section 1**

**Year Built:**

**Building Photo**

**Living Area:** 0  
**Replacement Cost:** \$0  
**Building Percent Good:**  
**Replacement Cost**  
**Less Depreciation:** \$0

Building Attributes	
Field	Description
Style:	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Kitchens	
OPEN	
FPL	
FPO	
FPG	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	



(<http://images.vgsi.com/photos/PortsmouthRIPhotos//default.jpg>)

**Building Layout**

(ParcelSketch.ashx?pid=149087&bid=147534)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

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**Extra Features**

**Extra Features**

**Legend**

No Data for Extra Features

**Land**

**Land Use**

**Land Line Valuation**

Use Code 9030  
 Description MUNICIPAL MDL-00  
 Zone WD  
 Neighborhood C105  
 Alt Land Appr No  
 Category

Size (Acres) 1.77  
 Frontage 0  
 Depth 0  
 Assessed Value \$211,300  
 Appraised Value \$211,300

**Outbuildings**

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
DCK2	DOCK FIX COMM			1090.00 S.F.	\$16,400	1
CBR	CONC BT RAMP HVY			1.00 UNITS	\$12,500	1

**Valuation History**

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$28,900	\$211,300	\$240,200
2019	\$28,900	\$211,300	\$240,200
2018	\$28,900	\$211,300	\$240,200

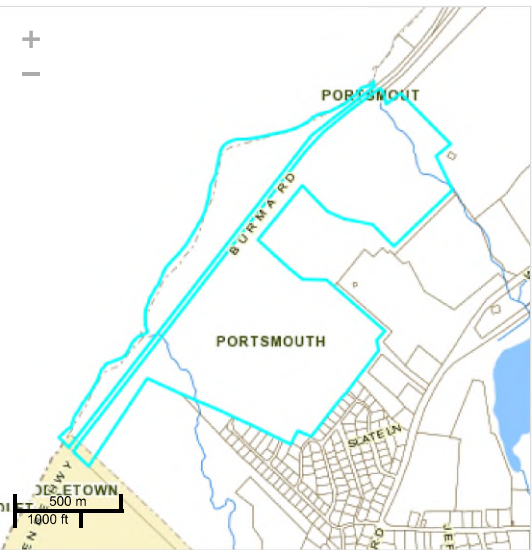
Assessment			
Valuation Year	Improvements	Land	Total
2020	\$28,900	\$211,300	\$240,200
2020	\$28,900	\$211,300	\$240,200
2020	\$28,900	\$211,300	\$240,200





**ABUTTERS LIST**





Owner: GMH MILITARY HOUSING  
Co-Owner: NAVY NORTHEAST LLC  
Address: 1 COUNTRY VIEW RD STE 100  
MALVERN PA 19355-1439

Assessment: Total: \$7,587,000  
Land: \$0 Building: \$492,700 Other: \$37,000

**Sales History**

Grantee	Book / Page	Sale Date	Sale Price
GMH MILITARY HOUSING	1071-24 / 0	2004-11-02	\$1,504,500
U. S. GOVERNMENT	39-26 / 0	1941-12-12	\$0

MainStreetGIS, LLC  
[www.mainstreetgis.com](http://www.mainstreetgis.com)

**Land Information**  
Land Area: 44.8 AC  
Zoning: R20 - (See Map)  
Land Use: 112L - GOVT HSE M01

**Building Information**  
Style: Two Family  
Year Built: 2007  
Stories: 2  
Rooms: 12 Bedrooms: 06  
Baths: 2 Half Baths: 2  
Living Area: 2804  
Grade: Average +20  
Condition: AV

Heat Type: Hot Water  
Heat Fuel: Oil  
AC Type: None  
Fireplaces: None  
Roof Structure: Gable/Hip  
Roof Covering: Asph/F Gls/Cmp  
Exterior Wall: Vinyl Siding  
Interior Floor: Drywall/Sheet  
Basement:

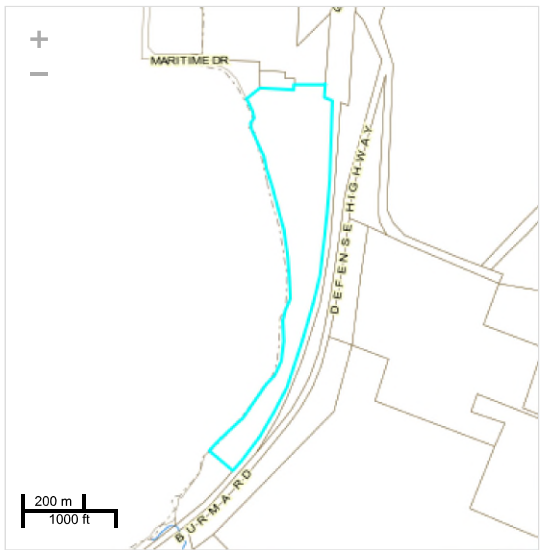
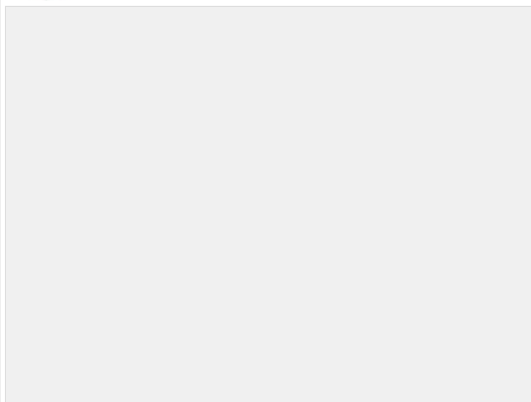
Extra Features	Description	Area / Units	Assessment
SHD1 SHED FRAME	60.00 S.F.	\$200	
CNP1 CANOPY-AVG	240.00 S.F.	\$1,100	
SHD1 SHED FRAME	60.00 S.F.	\$200	
PLGR PLAYGROUND	3.00 UNITS	\$18,000	
MSC33 STOCKADE FENCE	5200.00 UNIT	\$12,500	
MSC6 DUPLEX	36.00 UNIT	\$7,057,300	
BKBL BASKTBLL COURT	1.00 UNITS	\$5,000	

Sub Areas	Description	Living Area	Gross Area
BAS First Floor	1388	1388	
FGR Garage, frame	0	960	
FOP Porch, Open, Finished	0	112	
FUS Upper Story, Finished	1416	1416	
PTO Patio	0	352	
BAS First Floor	2904	2904	
FOP Porch, Open, Finished	0	456	
PTO Patio	0	670	

Printed on 5/17/2022 from: <https://www.mainstreetmaps.com/ri/portsmouth/>

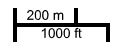






Owner: WC COASTAL DEVELOPMENT LLC  
Co-Owner:  
Address: C/O MARSHALL PROPERTIES INC  
700 NARRAGANSETT PARK DR  
PAWTUCKET RI 02861-4326

Assessment: Total: \$197,700  
Land: \$197,700 Building: \$0 Other: \$0



**Sales History**

Grantee	Book / Page	Sale Date	Sale Price
WC COASTAL DEVELOPMENT LLC	1880-290 / 0	2018-10-29	\$605,000
MELVILLE ASSOCIATES LP	1237-113 / 0	2006-12-08	\$7,000,000
MELVILLE MARINE INDUSTRIES	104-1 / 0	1984-01-31	\$0
RHODE ISLAND PORT AUTHORITY	102-427 / 0	1983-09-22	\$0
UNITED STATES OF AMERICA	/ 0	1925-01-01	\$0



**Land Information**  
Land Area: 24.14 AC  
Zoning: WD - (See Map)  
Land Use: 3930 - COMM LAND

**Building Information**  
Style:  
Year Built:  
Stories:  
Rooms: Bedrooms:  
Baths: Half Baths:  
Living Area:  
Grade:  
Condition:

Heat Type:  
Heat Fuel:  
AC Type:  
Fireplaces:  
Roof Structure:  
Roof Covering:  
Exterior Wall:  
Interior Floor:  
Basement:

Extra Features Description	Area / Units	Assessment
<b>Sub Areas</b>		
Description	Living Area	Gross Area





Owner: STATE OF RHODE ISLAND  
Co-Owner: NY WH & HARTFORD RAILROAD  
Address: 275 WESTMINSTER MALL  
PROVIDENCE RI 02903

Assessment: Total: \$491,700  
Land: \$491,700 Building: \$0 Other: \$0

Sales History

Grantee	Book / Page	Sale Date	Sale Price
STATE OF RHODE ISLAND	/ 0		\$0



**Land Information**  
Land Area: 43.9 AC  
Zoning: - (See Map)  
Land Use: 9001 - TRAINS

**Building Information**  
Style:  
Year Built:  
Stories:  
Rooms: Bedrooms:  
Baths: Half Baths:  
Living Area:  
Grade:  
Condition:

Heat Type:  
Heat Fuel:  
AC Type:  
Fireplaces:  
Roof Structure:  
Roof Covering:  
Exterior Wall:  
Interior Floor:  
Basement:

Extra Features Description	Area / Units	Assessment
<b>Sub Areas</b> Description	Living Area	Gross Area





**PRIOR CRMC PERMITS**





State of Rhode Island  
 Coastal Resources Management Council  
 Oliver H. Stedman Government Center  
 4808 Tower Hill Road, Suite 3  
 Wakefield, RI 02879-1900

(401) 783-3370  
 Fax (401) 783-2069

FINDING OF NO SIGNIFICANT IMPACT

July 26, 2021

Town of Portsmouth  
 143 Hedly Street  
 Portsmouth, RI 02871

RE: CRMC Assent No. F2021-07-068: *Perform one (1) test boring in the Weaver Cove area of Narragansett Bay. As per the plans and narrative submitted to CRMC date stamped received 7/21/2021.* Project Location: 0 Burma Road, Portsmouth; Plat 50, Lot 7A

Dear Applicant:

The Coastal Resources Management Council has reviewed your project proposal and has determined the findings of no significant impact on coastal resources. This project must be completed within three (3) years of the date of this notification, unless written application requesting an extension is received by CRMC sixty (60) days prior to the expiration date. If this project involves excess excavated materials, excess soils, excess construction materials, and debris (including any destructed materials) these materials shall be removed from the site and disposed of at an inland landfill or a suitable and legal upland location. **If the project involves earthwork, appropriate erosion controls shall be utilized.** All applicable policies, prohibitions, and standards of the RICRMP shall be upheld.

CAUTION: The limits of authorized work shall be only for that which was approved by the CRMC. Any activities or alterations in which deviate from this assent or what was detailed on the CRMC approved plans will require a separate application and review. Additionally, if the information provided to the CRMC for this review is inaccurate or did not reveal all necessary information or data, then this permit may be found to be null and void. Plans for any future alteration of the shoreline or construction or alteration within the 200' zone of CRMC jurisdiction or in coastal waters must be submitted for review to the CRMC prior to commencing such activity.

Permits, licenses or easements issued by the Council are valid only with the conditions and stipulation under which they are granted and imply no guarantee of renewal. The initial application or an application for renewal may be subject to denial or modification. If an application is granted, said permit, license and easement may be subject to revocation and/or modification for failure to comply with the conditions and stipulations under which the same was issued or for other good cause.



Applicant agrees that as a condition to the granting of this assent, members of the Coastal Resources Management Council or its staff shall have access to applicant's property to make on-site inspections to insure compliance with the assent.

A copy of this authorization to perform construction related activities shall be kept on site and available for inspection. NOTE: Failure to have this letter on site or work in excess of your proposal constitutes a violation under this program.

Sincerely,

Brittany Spurlock, Asst. Administrative Officer  
 Coastal Resources Management Council

/bms



State of Rhode Island and Providence Plantations  
Coastal Resources Management Council  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### Certificate of Maintenance

July 5, 2018

Town of Portsmouth  
143 Hedly Street  
Portsmouth, RI 02871

RE: CRMC Assent No. M2018-07-009: Repair / replace asphalt boat ramp. Project Location: 0 Burma Road, Portsmouth; Plat 50, Lot 7-A

Dear Applicant:


The Coastal Resources Management Council has reviewed your project proposal and has determined that it conforms to RICRMP Section 1.3.1(N) and applicable standards. Construction authorized by this approval shall be limited to replacement, reconstruction, or rebuilding to approved, pre-existing conditions and dimensions of the above noted structure. This project must be completed within three (3) years of the date of this approval. If this project involves excess construction materials or debris, these materials shall be removed from the site and disposed of at a suitable legal upland location. No equipment access or storage of equipment, construction material or debris shall occur on coastal features. If the project involves earthwork, appropriate erosion controls shall be utilized. All applicable conditions of original CRMC Assents that pertain to this property shall be upheld unless otherwise modified by the CRMC. All applicable policies, prohibitions, and standards of the RICRMP shall be upheld.

A copy of this maintenance authorization to perform maintenance work shall be kept on site and available for inspection. The maintenance (blue) card must be posted on site during the duration of the project.



/bms

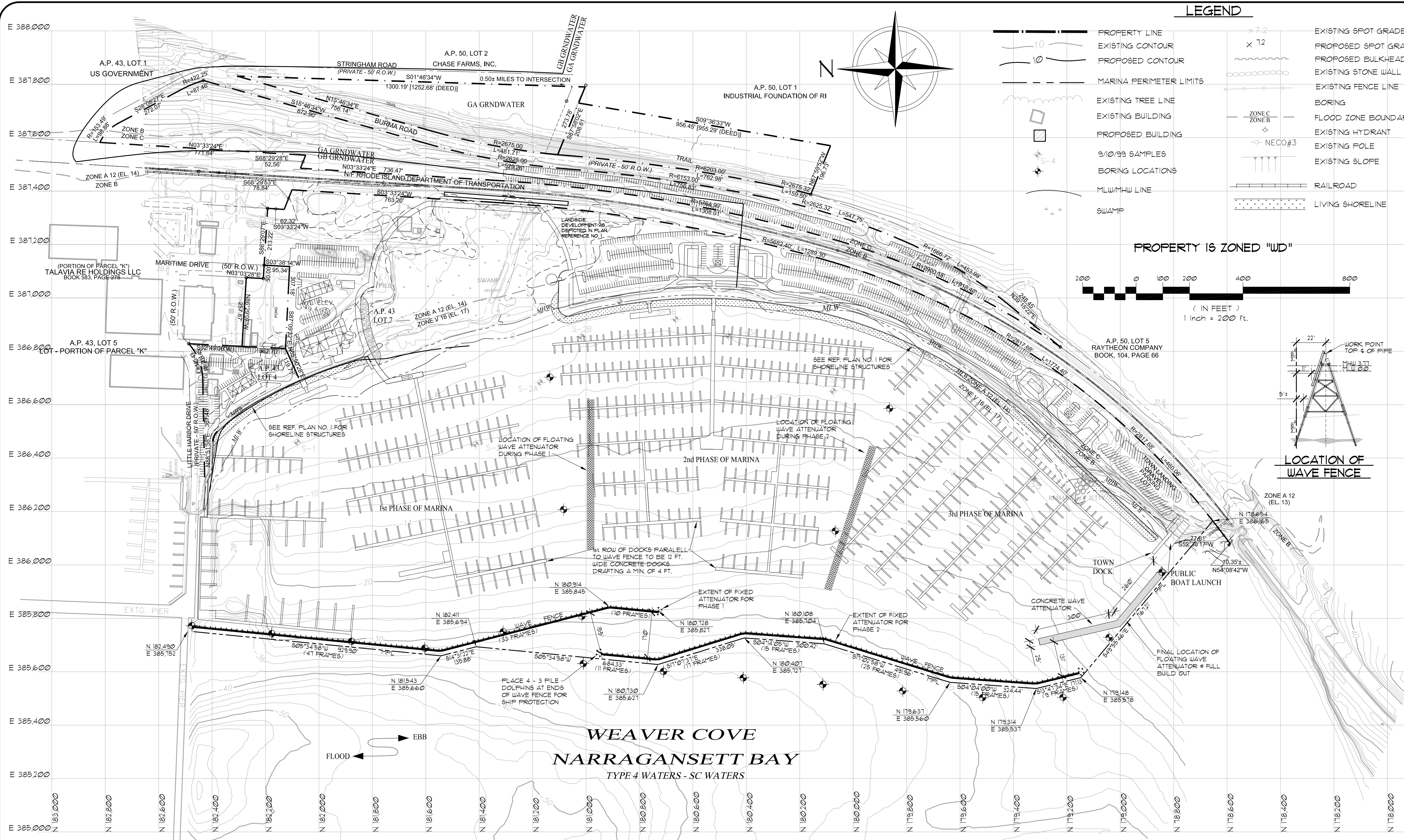
Sincerely,

  
Gregory Baribault, Engineering Tech IV  
Coastal Resources Management Council



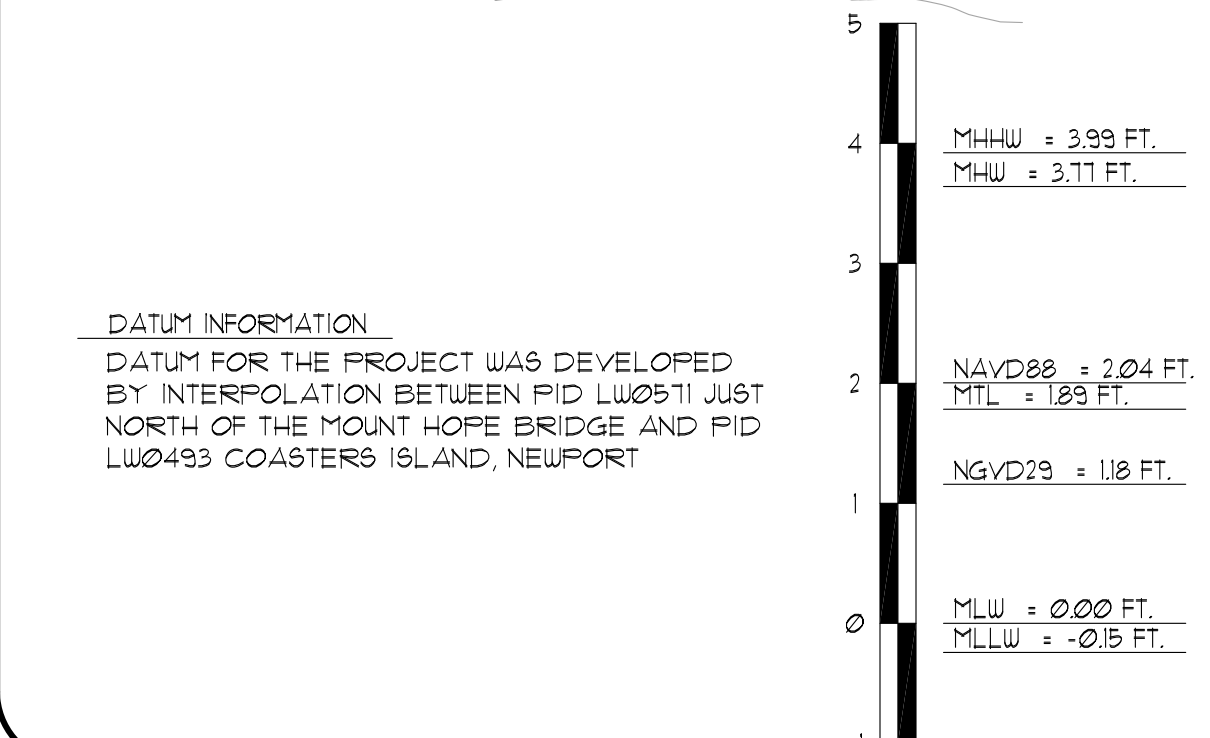
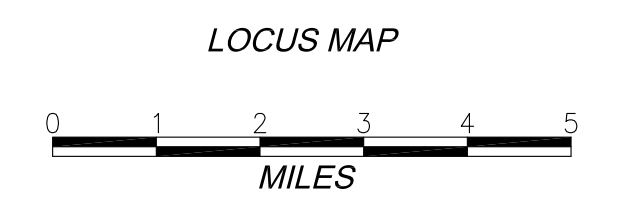
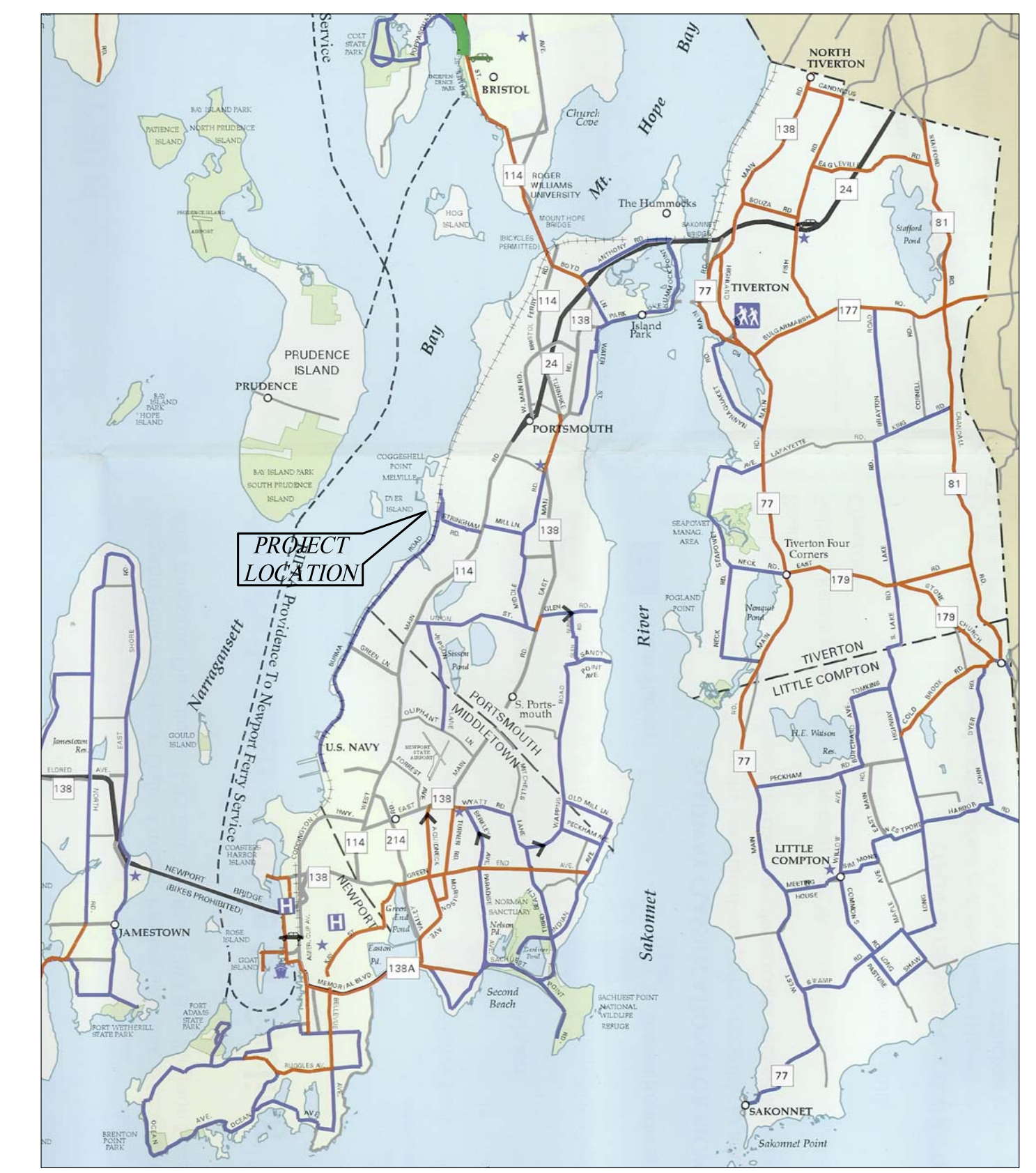
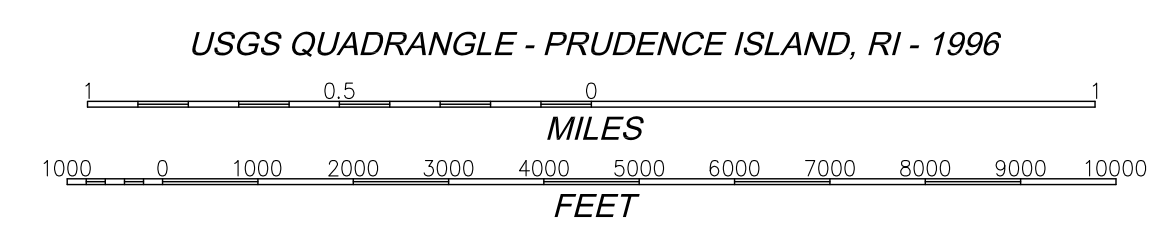
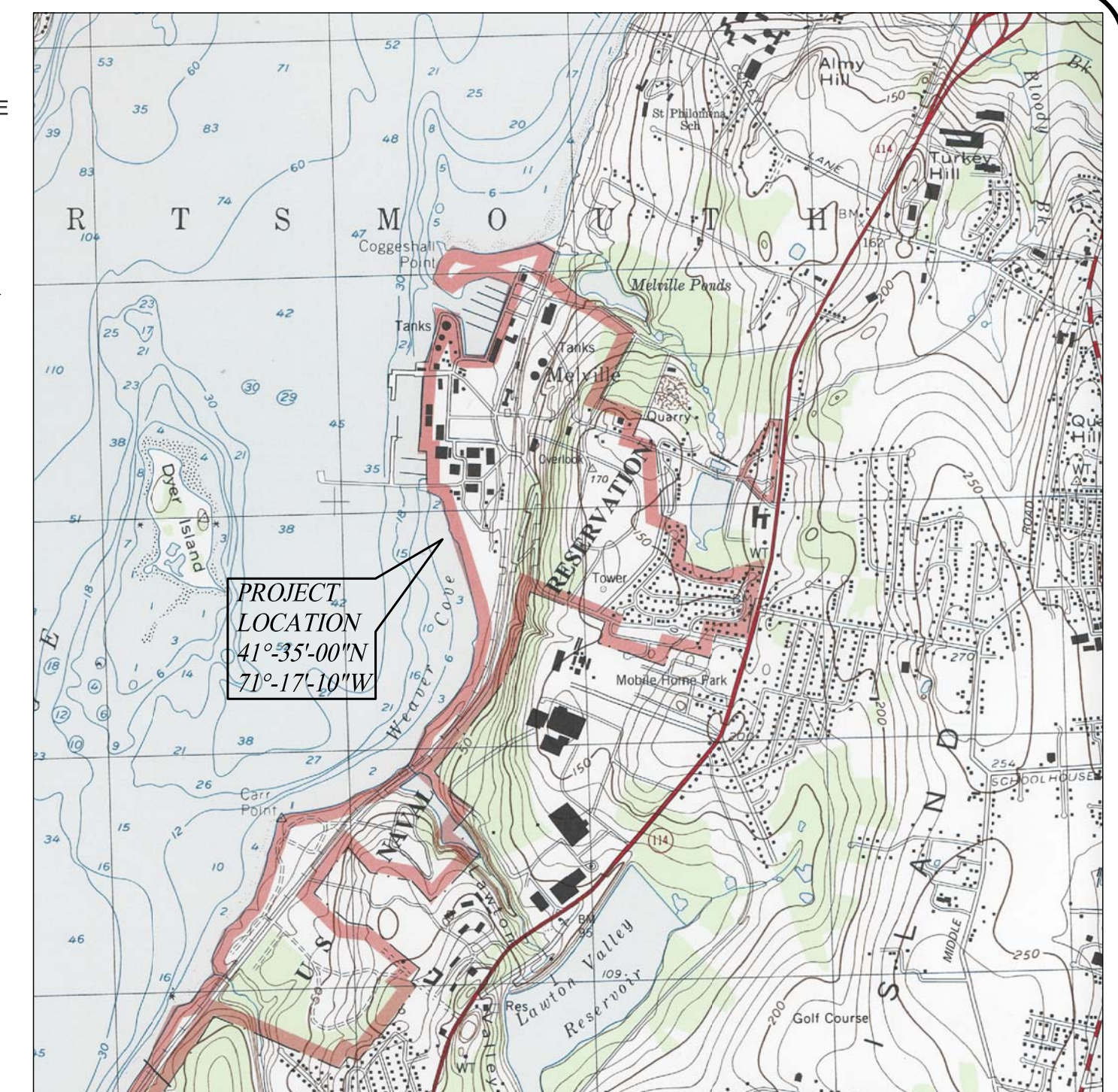
**PROPOSED WAVE FENCE LAYOUT PLAN**  
(Sheet 1 of a 5-sheet plan)





**LEGEND**

	PROPERTY LINE		EXISTING SPOT GRADE
	EXISTING CONTOUR		PROPOSED SPOT GRADE
	PROPOSED CONTOUR		EXISTING STONE WALL
	MARINA PERIMETER LIMITS		EXISTING FENCE LINE
	EXISTING TREE LINE		BORING
	EXISTING BUILDING		FLOOD ZONE BOUNDARY
	PROPOSED BUILDING		EXISTING HYDRANT
	9/10/99 SAMPLES		EXISTING POLE
	BORING LOCATIONS		EXISTING SLOPE
	MLW/HW LINE		RAILROAD
	SWAMP		LIVING SHORELINE



- REFERENCE PLANS:**
- MELVILLE MARINA - 1495 BOAT SLIPS - FORTSMOUTH, RHODE ISLAND - MELVILLE MARINE INDUSTRIES, BY PARE ENGINEERING CORP. DATED 6-28-92.
  - "ALTA/ACSM SURVEY - MELVILLE MARINE/HOOD PROPERTY, AP 43, LOTS 3, 4, 7 & 8 AP 50, LOTS 6 & 7 - BURMA ROAD, STRINGHAM ROAD, LITTLE HARBOR DRIVE, & MARITIME DRIVE FORTSMOUTH, RHODE ISLAND", DATED AUGUST 14, 2006.
  - "TOPOGRAPHIC WORKSHEET OF THE WILLOW LANE AREA FORTSMOUTH, RI" FOR NORTHEAST ENGINEERS & CONSULTANTS, MIDDLETOWN, RI, BY EASTERN TOPOGRAPHICS, WOLFBORO, NH, DATED 30 MAR 05 (PHOTO), 21 APR 05 (COMPILATION DATE).
  - "FIGURE 1 SITE MAP - AREAS OF CONCERN" BY LIGHTSHIP ENGINEERING, DATED 04/19/06 REVISED 10/06.

- GENERAL NOTES:**
- LAND SIDE PHOTOGRAPHIC MAPPING WAS OBTAINED FROM PLAN REFERENCE NO. 3 AND CONVERTED FROM NGVD29 TO MLW USING THE TIDAL DATUM SHOWN ON THIS SHEET. PROPERTY LINE INFORMATION WAS OBTAINED FROM PLAN REFERENCE NO. 2. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION.
  - BATHYMETRIC SURVEY REPRESENTS SOUNDINGS TAKEN BY ROBERGE ASSOCIATES, COASTAL ENGINEERS, LLC. ON AUGUST 30, 2006 AND SUPPLIED TO ST. JEAN ENGINEERING, LLC IN DIGITAL FORMAT.
  - HORIZONTAL COORDINATES ARE BASED ON RHODE ISLAND STATE PLANE - NAD83. VERTICAL DATUM IS MEAN LOW WATER (MLW).
  - UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION AS OBTAINED FROM DRAWINGS SUPPLIED BY THE NORTHEAST ENGINEERS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, GRADES AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF ANY CONSTRUCTION.
  - THE CONTRACTOR SHALL OBTAIN A COPY OF THE CRMC ASSESS, THE WATER QUALITY CERTIFICATION, AND THE ARMY CORPS PERMIT APPROVING THE PROPOSED WORK. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE PERMITS ON SITE AND ADHERE TO ALL PERMIT REQUIREMENTS AND STIPULATIONS WITH REGARD TO THE PROPOSED WORK AND TIME SCHEDULES WHEN WORK IS AUTHORIZED. THE CONTRACTOR SHALL ASSIGN A CONTRACTOR'S REPRESENTATIVE TO THE PROJECT WHO SHALL BE RESPONSIBLE FOR MAKING SURE ALL WORK IS PERFORMED IN ACCORDANCE WITH THE VARIOUS PERMIT REQUIREMENTS.
  - IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO THE NEW WORK. REPORT TO THE ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.

**WEAVER COVE MARINA COMPLEX**  
 PORTSMOUTH, RHODE ISLAND  
 PREPARED FOR OWNER:  
**MELVILLE ASSOCIATES, LLP**  
 c/o 300 WILLOW LANE PORTSMOUTH, RHODE ISLAND 02871

PREPARED BY:  
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RICHARD N. ST. JEAN  
 No. 4997  
 REGISTERED PROFESSIONAL ENGINEER

1. MOVE LOCATION OF 2nd PHASE OF WAVE FENCE APPROX. 50' EAST, REVISE MFL, SHOW SKETCH OF MFL IN RELATION TO WAVE FENCE ALIGNMENT. (3/7/09)

REVISIONS

**PROPOSED WAVE FENCE LAYOUT PLAN**

PREPARED BY: R. ST. JEAN	DATE: February 10, 2009	CHECKED BY:	DATE:
SCALE: AS NOTED	CONST. REV.	DATE:	

SHT NO.  
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 OF 5

