



Oliver Stedman Government Center
4808 Tower Hill Road; Suite 116
Wakefield, RI 02879
401-783-3370

PUBLIC NOTICE

File Number: 2020-05-068 Date: August 18, 2020

This office has under consideration the application of:

**The University of Rhode Island GSO
(Board of Trustees of State Colleges)
215 South Ferry Road
Narragansett, RI 02882**

for a State of Rhode Island Assent to:

Replace the existing University of Rhode Island (URI) Narragansett Bay Campus (NBC) pier, which is located near the southwestern mouth of the bay at the terminus of Pier Road in Narragansett, Rhode Island. In July 2019, the National Science Foundation (NSF) selected URI to operate a new class of research vessel. The new vessel, the R/V Resolution, will be home-ported at NBC and is scheduled for delivery in November 2022.

The existing NBC pier was constructed circa 1963 and has exceeded its intended design life. The existing pier also has limited capacity to support the new, 200 ft. long research vessel. At its current deck elevation of 7.40 ft. (MLLW datum), the pier is subject to overtopping waves several times a year. Given the existing pier's age, condition, elevation, and size relative to the new vessel, URI has determined it to be most practical to demolish the existing pier and construct a new pier in its place.

The proposed pier has a deck elevation of 12.75 ft (MLLW). This represents a 5.35 ft. increase over the existing pier deck elevation, corresponding with the most up to date sea level rise projections from NOAA. This elevation will decrease the frequency of pier overtopping without significantly complicating loading operations onto to R/V Resolution's main deck (+6.5 ft. above waterline). The proposed access trestle will be constructed largely within the existing trestle's footprint to avoid permanent impact to mapped eelgrass beds to the north and south of the existing trestle.

The proposed pier's major load-bearing elements include steel pipe piles and cast-in-place concrete pile caps supporting precast concrete deck planks. An enclosed building will be located on the proposed pier to house research and laboratory equipment. The building will have a footprint of approximately 180 sq. ft. and will be similar to the building on the existing pier. A jib crane will be located on the northwest corner of the proposed pier provide users with the ability to raise and lower equipment and small work skiffs to the water line.

New utilities are also required to directly or indirectly support the R/V Resolution. Proposed utility work will include the installation of a paved approach to the new access trestle, power lines (vessel and pier structure), telephone/data lines (pier structure), and fuel transfer lines (vessel). Proposed utility work also includes installation of four replacement seawater intake lines and associated pumps. These pumps will be housed in a new pump house building, which will be an annex to the Blount Aquaculture Building.

The existing NBC pier represents an existing non-conforming use in CRMC designated Type 2 (Low Intensity Use) Waters. Upon demolition, the construction of a new (and larger) pier will require a special exception (ref. §1.1.8) for the construction of a “commercial structure” in Type 2 waters which is prohibited by §§ 1.1.5(A), 1.2.1(C)(2)(b) and 1.3.1(C)(3)(g)** of the Red book (650-RICR-20-20-01). The project also requires two variances (ref. §1.1.7): A variance is required for the placement of fill associated with the proposed pier abutment within the minimum 50 foot setback pursuant to section ref. §1.1.9(B)(1). In addition, a variance is required for nonconformance with the Submerged Aquatic Vegetation (SAV) survey standards contained in § 1.3.1(R)(3)(d) (2), (3), (4) & (5).

** Technical correction required – §1.3.1(C)(3)(g) should read: “Table 1 in §1.1.5(A)”

Project Location:	URI Bay Campus, 215 South Ferry Rd (at terminus of Pier Road)
City/Town:	Narragansett
Plat/Lot:	N-C / 7 & 8
Waterway:	West Passage of Narragansett Bay

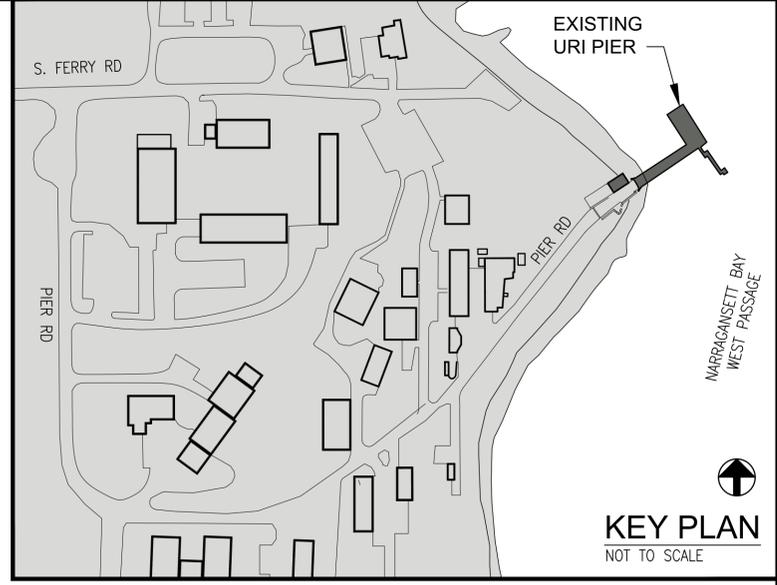
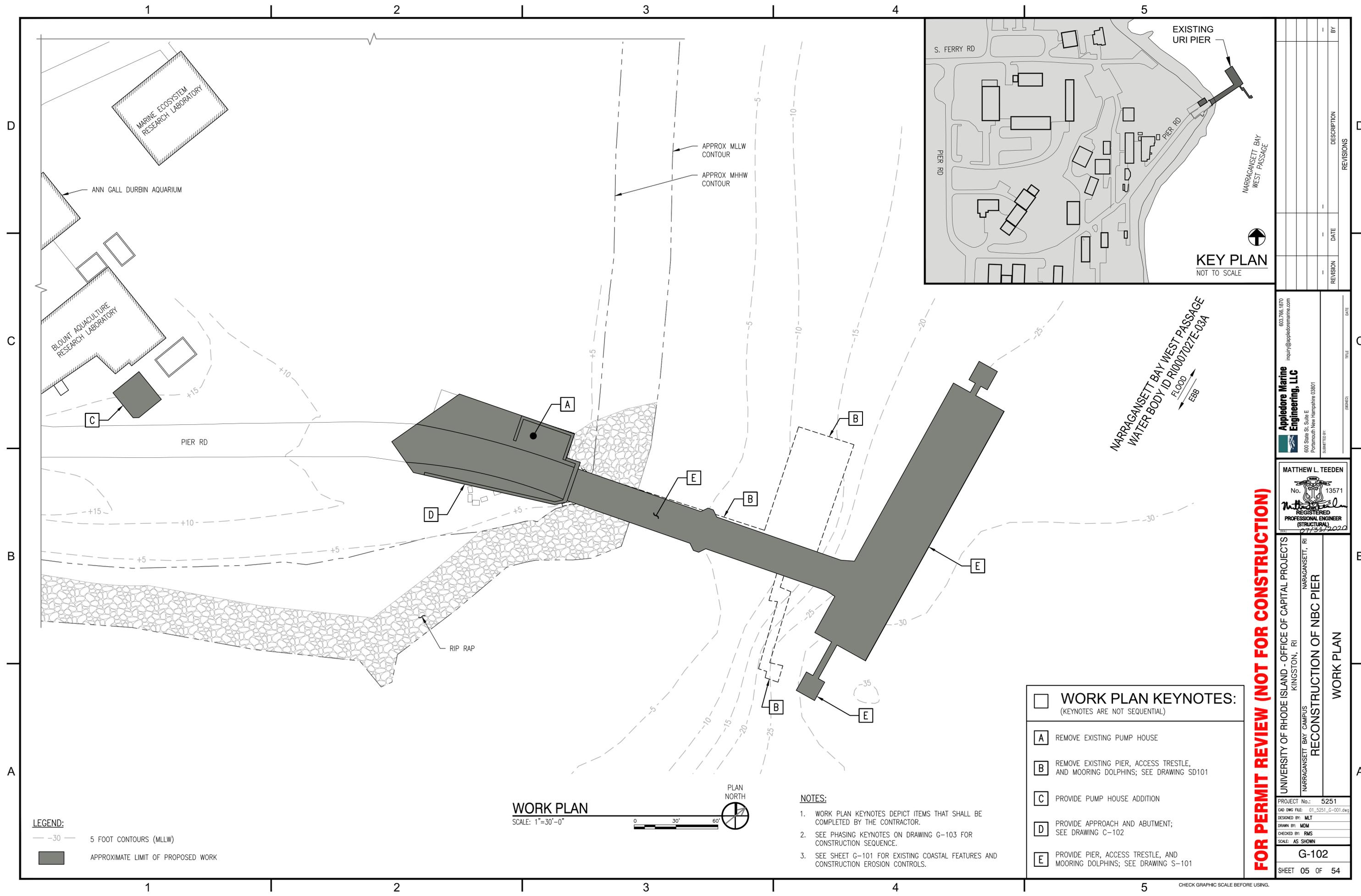
Plans of the proposed work may be seen at the CRMC office in Wakefield.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before September 18, 2020.

/lat



NARRAGANSETT BAY WEST PASSAGE
 WATER BODY ID R10007027E-03A
 FLOOD
 EBB

LEGEND:
 - - - -30 - - - 5 FOOT CONTOURS (MLLW)
 [Shaded Area] APPROXIMATE LIMIT OF PROPOSED WORK

WORK PLAN
 SCALE: 1"=30'-0"
 PLAN NORTH

- NOTES:**
1. WORK PLAN KEYNOTES DEPICT ITEMS THAT SHALL BE COMPLETED BY THE CONTRACTOR.
 2. SEE PHASING KEYNOTES ON DRAWING G-103 FOR CONSTRUCTION SEQUENCE.
 3. SEE SHEET G-101 FOR EXISTING COASTAL FEATURES AND CONSTRUCTION EROSION CONTROLS.

WORK PLAN KEYNOTES: (KEYNOTES ARE NOT SEQUENTIAL)	
[A]	REMOVE EXISTING PUMP HOUSE
[B]	REMOVE EXISTING PIER, ACCESS TRESTLE, AND MOORING DOLPHINS; SEE DRAWING SD101
[C]	PROVIDE PUMP HOUSE ADDITION
[D]	PROVIDE APPROACH AND ABUTMENT; SEE DRAWING C-102
[E]	PROVIDE PIER, ACCESS TRESTLE, AND MOORING DOLPHINS; SEE DRAWING S-101

REVISION	DATE	DESCRIPTION	BY

AppleDore Marine Engineering, LLC
 600 State St, Suite E
 Portsmouth New Hampshire 03801
 603.766.1870
 inquiry@appleDoremarine.com

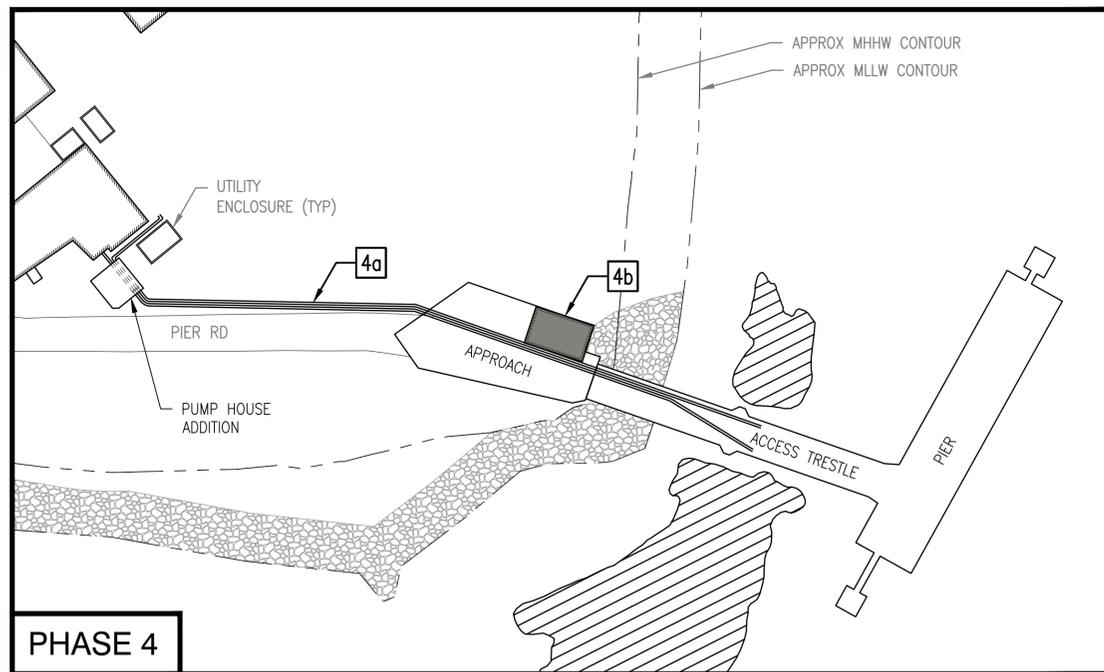
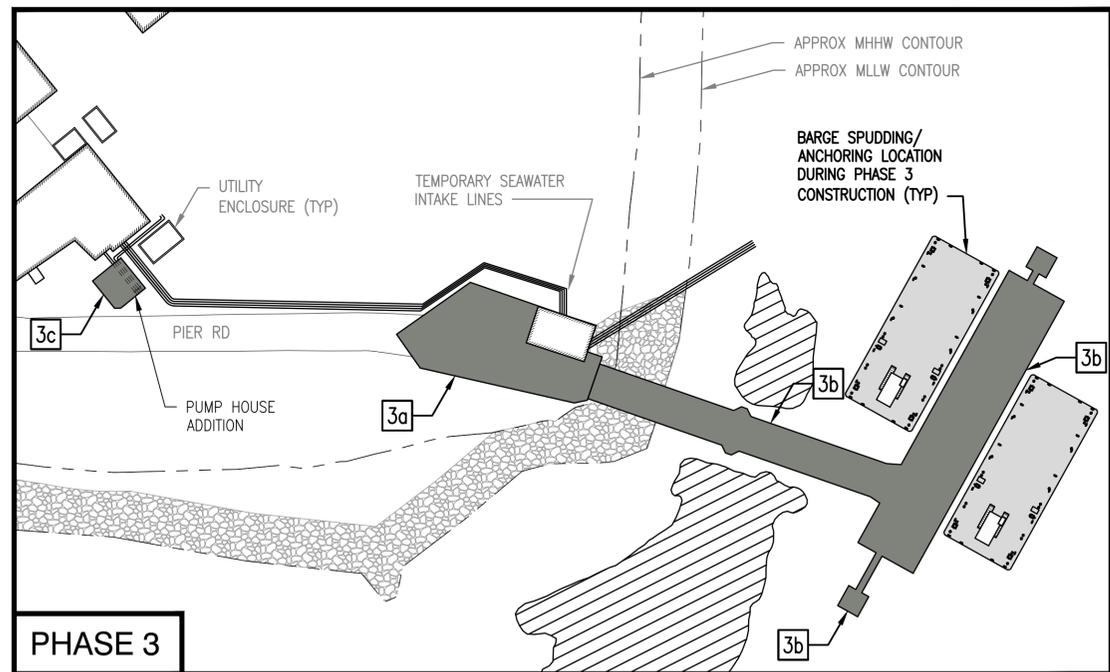
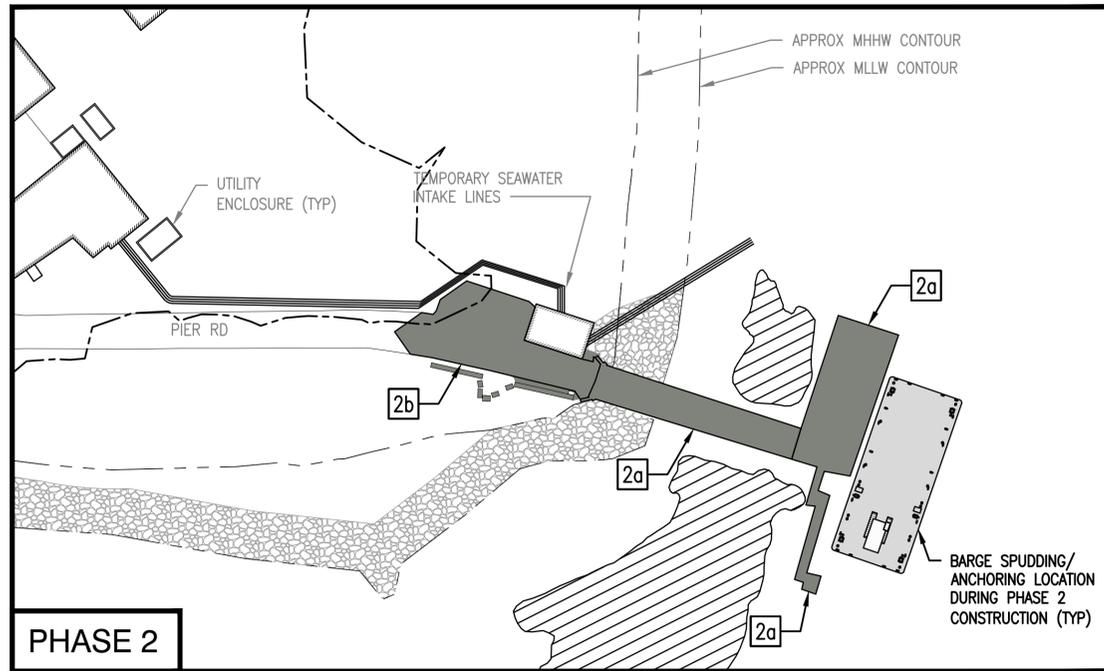
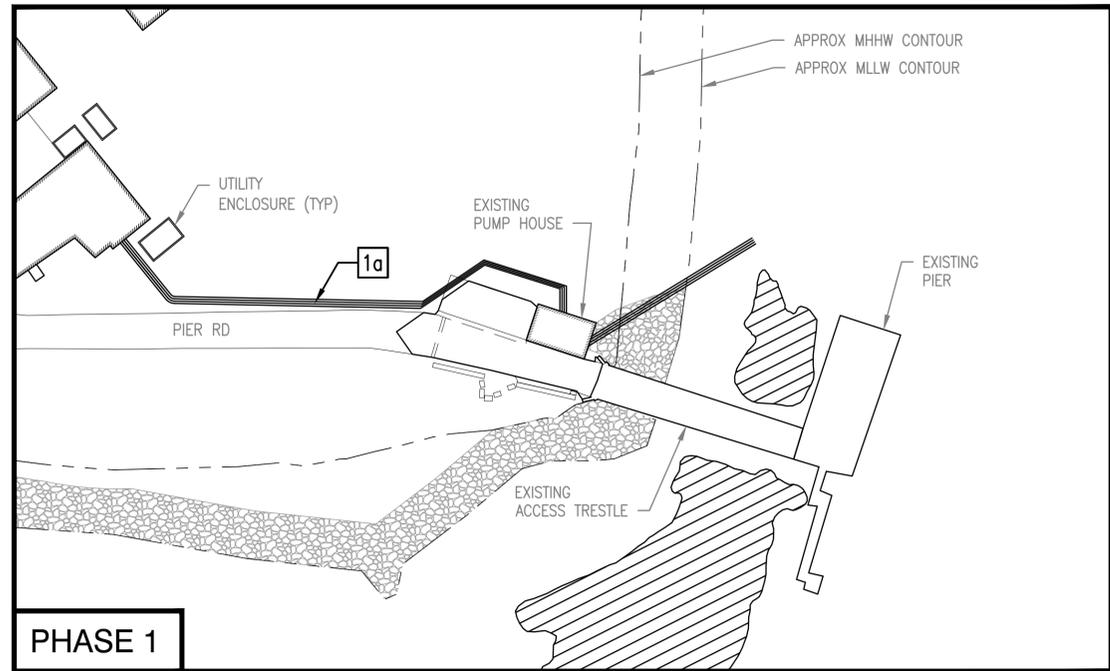
MATTHEW L. TEEDEN
 No. 13571
 REGISTERED PROFESSIONAL ENGINEER (STRUCTURAL)
 07/31/2023

UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS
 KINGSTON, RI
 NARRAGANSETT BAY CAMPUS
 RECONSTRUCTION OF NBC PIER
 WORK PLAN

PROJECT No.: 5251
 CAD DWG FILE: 01_5251_G-001.dwg
 DESIGNED BY: MLT
 DRAWN BY: MDM
 CHECKED BY: RMS
 SCALE: AS SHOWN

G-102
 SHEET 05 OF 54

FOR PERMIT REVIEW (NOT FOR CONSTRUCTION)

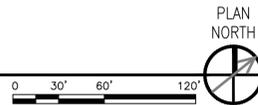


NOTES:

1. CONTRACTOR MUST PHASE ALL WORK TO ENSURE SUPPLY OF SEAWATER TO URI BAY CAMPUS BUILDINGS IS NOT INTERRUPTED. THIS INCLUDES DEMOLITION OF EXISTING PIER AND PUMP HOUSE, AS WELL AS CONSTRUCTION OF PIER AND PUMP HOUSE HOUSE.
2. SEAWATER SUPPLY TO THE BAY CAMPUS MUST BE, AT A MINIMUM, EQUAL TO EXISTING SUPPLY VOLUME AT ALL TIMES DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE OWNER.
3. PHASING DEPICTED HERE IS FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR TO SUBMIT DETAILED PHASING PLAN FOR APPROVAL PRIOR TO COMMENCING WORK.
4. PHASING PLAN MUST CLEARLY DEPICT ANY TEMPORARY RELOCATION OF SEAWATER INTAKE EQUIPMENT. ANY TEMPORARY INFRASTRUCTURE REQUIRED BASED ON CONTRACTOR'S MEANS AND METHODS FOR TEMPORARY SUPPORT OF SEAWATER INTAKE EQUIPMENT MUST BE SIGNED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER AND SUBMITTED FOR APPROVAL.
5. THE CONTRACTOR SHALL NOT SPUD OR ANCHOR DOWN A BARGE WITHIN THE DELINEATED LIMITS OF THE EELGRASS BEDS. BARGES MAY BE TEMPORARILY LOCATED OVER THE EELGRASS BEDS, BUT SHALL NOT BE ANCHORED OR SPURRED DOWN.

PHASING PLAN

SCALE: 1"=60'-0"



LEGEND:

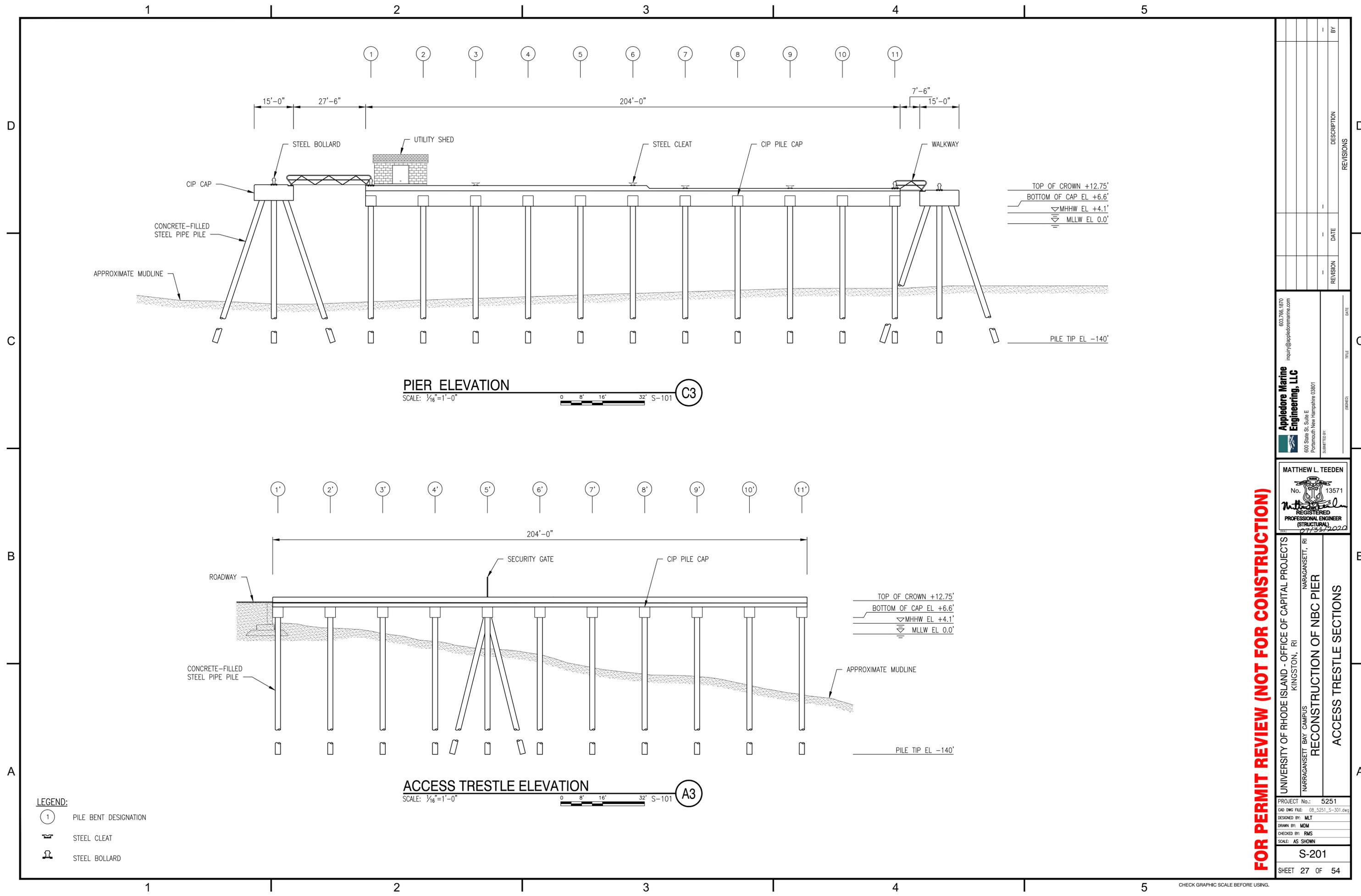
- APPROXIMATE LIMIT OF PHASING WORK
- EELGRASS BED PER 07/01/2020 SURVEY (SEE NOTE 5)

PHASING KEYNOTES:

- 1a** PROVIDE TEMPORARY SEAWATER INTAKE LINES* SUCH THAT OPERATION WILL NOT BE AFFECTED BY REMAINING WORK. POSITION TEMPORARY INTAKE LINES APPROXIMATELY AS SHOWN TO AVOID EXISTING EELGRASS BEDS.
 - 2a** REMOVE EXISTING PIER, ACCESS TRESTLE, AND MOORING DOLPHINS.
 - 2b** REMOVE EXISTING APPROACH AND ABUTMENT.
 - 3a** PROVIDE APPROACH, ABUTMENT, AND SHORESIDE TIE-IN.
 - 3b** PROVIDE PIER, ACCESS TRESTLE, AND MOORING DOLPHINS.
 - 3c** PROVIDE PUMP HOUSE ADDITION.
 - 4a** PROVIDE NEW* SEAWATER INTAKE SYSTEM INCLUDING PUMPS AND LINE.
 - 4b** REMOVE SELECT PORTIONS OF EXISTING PUMP HOUSE AND REGRADE FOOTPRINT.
- (*) EXISTING SEAWATER INTAKE LINES MAY BE RE-USED IF UNDAMAGED AND AT THE APPROVAL OF THE OWNER.

FOR PERMIT REVIEW (NOT FOR CONSTRUCTION)

<p>Appledore Marine Engineering, LLC 603.766.1870 inquiry@appledoremarine.com 600 State St, Suite E Portsmouth New Hampshire 03801</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"> <p>MATTHEW L. TEEDEN No. 13571 REGISTERED PROFESSIONAL ENGINEER (STRUCTURAL) 07/31/2023</p> </td> <td style="width: 50%; text-align: center;"> <p>UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS KINGSTON, RI NARRAGANSETT BAY CAMPUS RECONSTRUCTION OF NBC PIER PHASING PLAN</p> </td> </tr> <tr> <td colspan="2"> <p>PROJECT No.: 5251 CAD DWG FILE: 01_5251_G-001.dwg DESIGNED BY: MLT DRAWN BY: MDM CHECKED BY: RMS SCALE: AS SHOWN</p> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <p>G-104</p> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <p>SHEET 07 OF 54</p> </td> </tr> </table>	<p>MATTHEW L. TEEDEN No. 13571 REGISTERED PROFESSIONAL ENGINEER (STRUCTURAL) 07/31/2023</p>	<p>UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS KINGSTON, RI NARRAGANSETT BAY CAMPUS RECONSTRUCTION OF NBC PIER PHASING PLAN</p>	<p>PROJECT No.: 5251 CAD DWG FILE: 01_5251_G-001.dwg DESIGNED BY: MLT DRAWN BY: MDM CHECKED BY: RMS SCALE: AS SHOWN</p>		<p>G-104</p>		<p>SHEET 07 OF 54</p>	
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<p>G-104</p>									
<p>SHEET 07 OF 54</p>									



REVISION	DATE	DESCRIPTION	BY

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inquiry@appledoremarine.com

Appledore Marine Engineering, LLC
600 State St, Suite E
Portsmouth New Hampshire 03801

SUBMITTED BY: _____ DATE: _____

TITLE: _____ (ISSUED)

MATTHEW L. TEEDEN
No. 13571
REGISTERED PROFESSIONAL ENGINEER (STRUCTURAL)
07/31/2022

UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS
KINGSTON, RI

NARRAGANSETT BAY CAMPUS
NARRAGANSETT, RI

RECONSTRUCTION OF NBC PIER

ACCESS TRESTLE SECTIONS

PROJECT No.: 5251
CAD DWG FILE: 08_5251_S-301.dwg
DESIGNED BY: MLT
DRAWN BY: MDM
CHECKED BY: RMS
SCALE: AS SHOWN

S-201
SHEET 27 OF 54

FOR PERMIT REVIEW (NOT FOR CONSTRUCTION)