



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 the 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

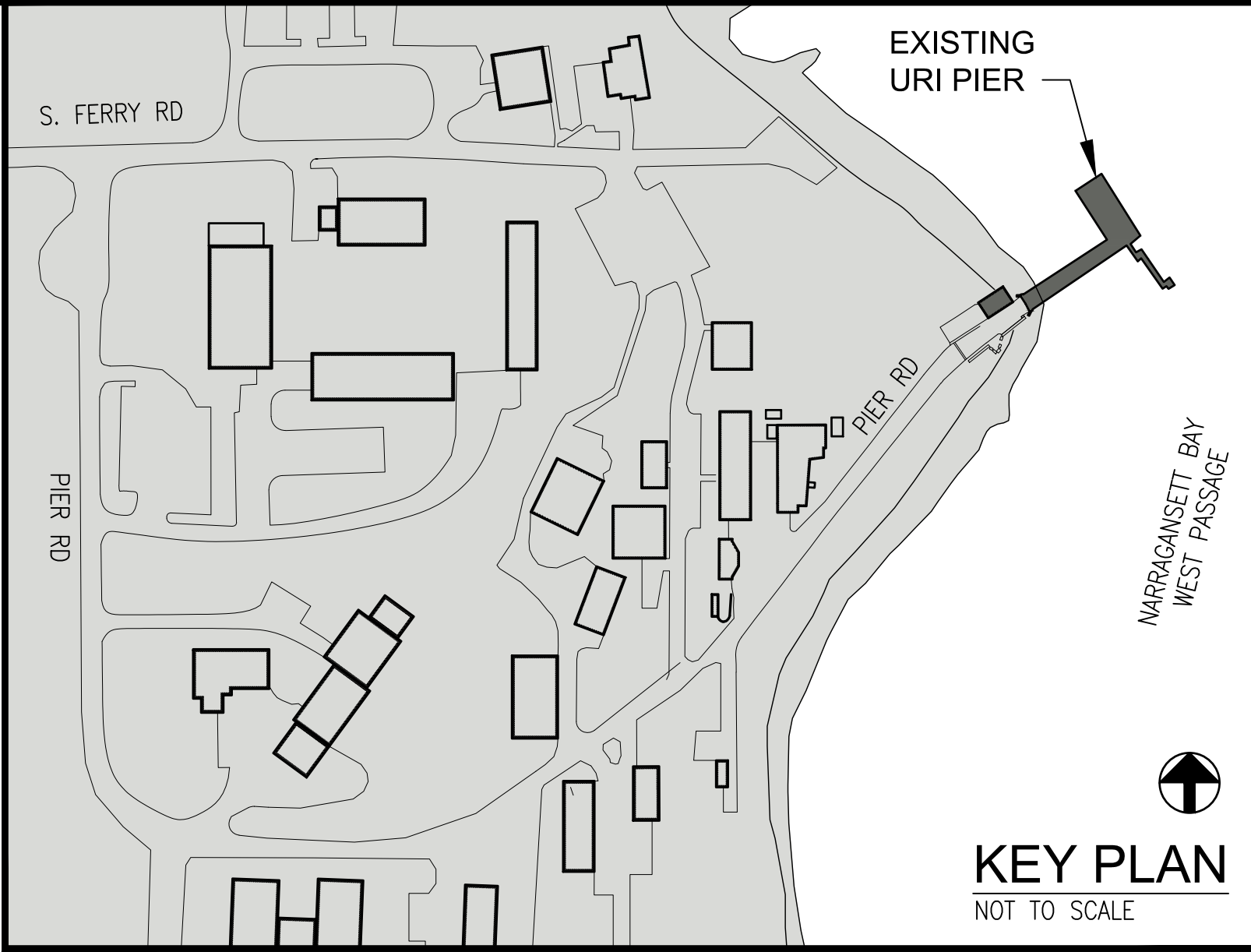
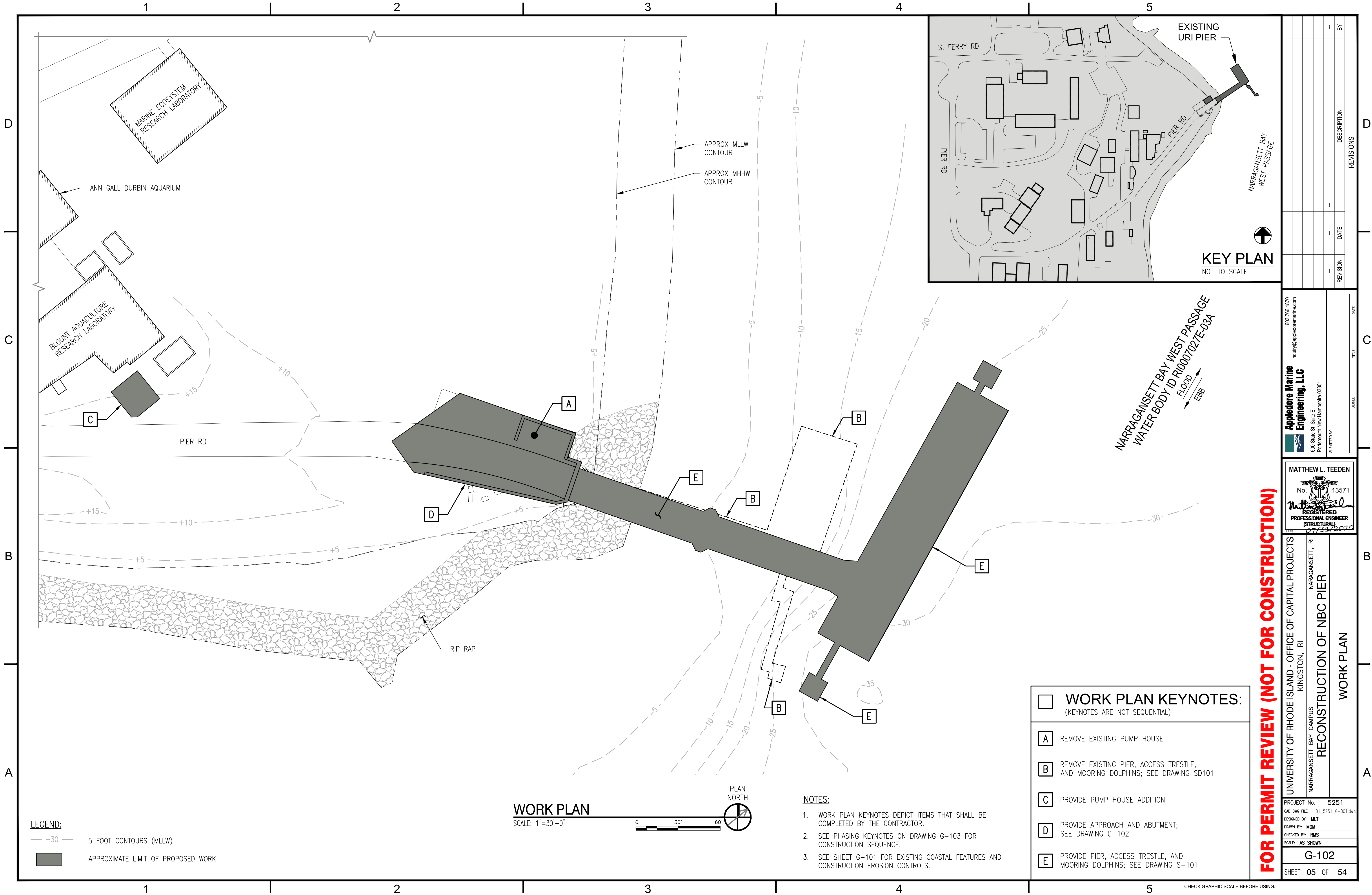
Plans of the proposed work may be seen at the CRMC office in Wakefield.

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



REVISION	DATE	DESCRIPTION	BY

AppleDore Marine Engineering, LLC

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inquiry@appleDoremarine.com

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Pensacola, FL 32504

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SUBMITTED BY:

MATTHEW L. TEEDEN

No. 13571

REGISTERED PROFESSIONAL ENGINEER (STRUCTURAL)

07/31/2020

UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS

KINGSTON, RI

NARRAGANSETT, 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

- 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

- 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

SCALE: 1"=30'-0"

0 30' 60'

PLAN NORTH

LEGEND:

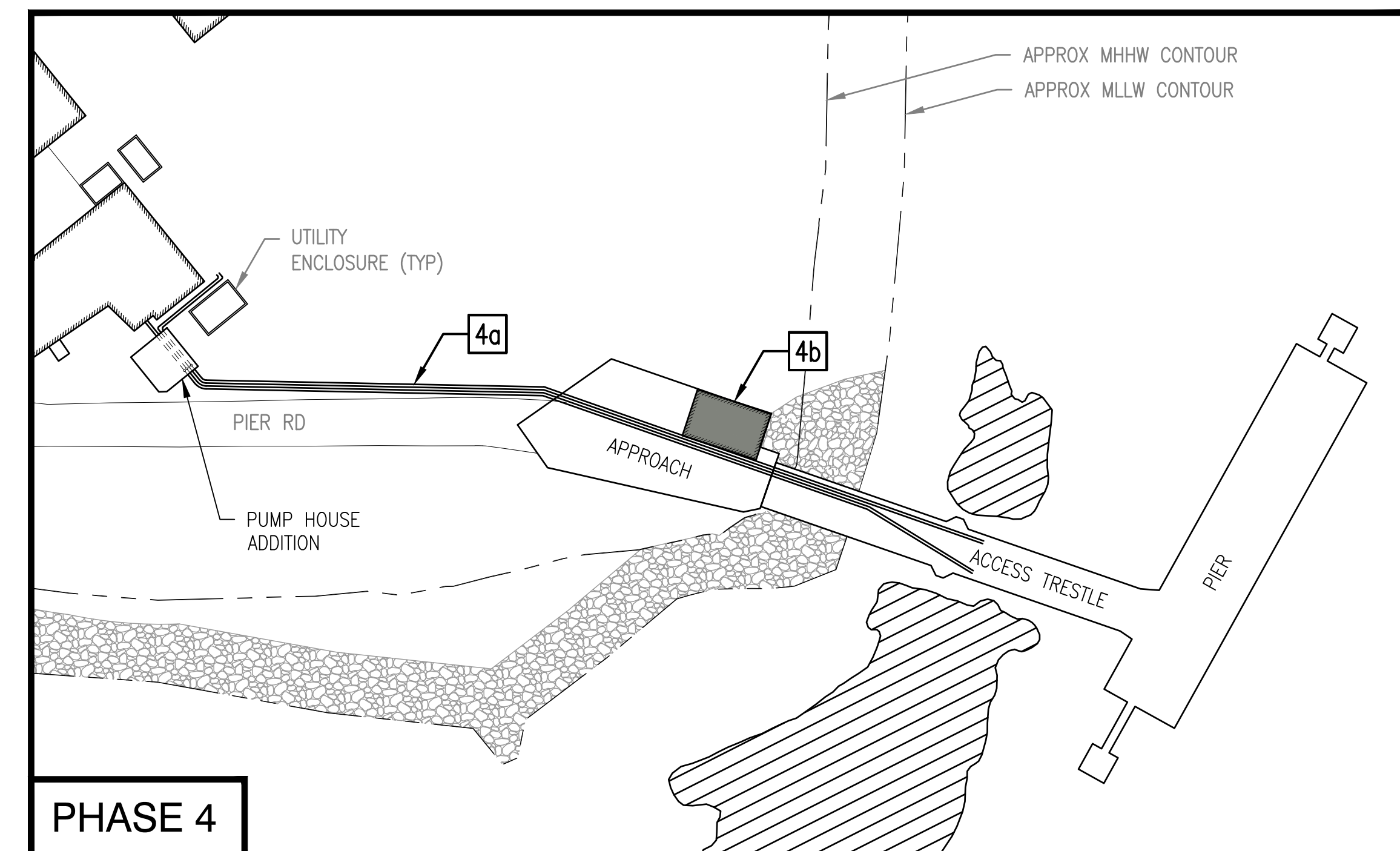
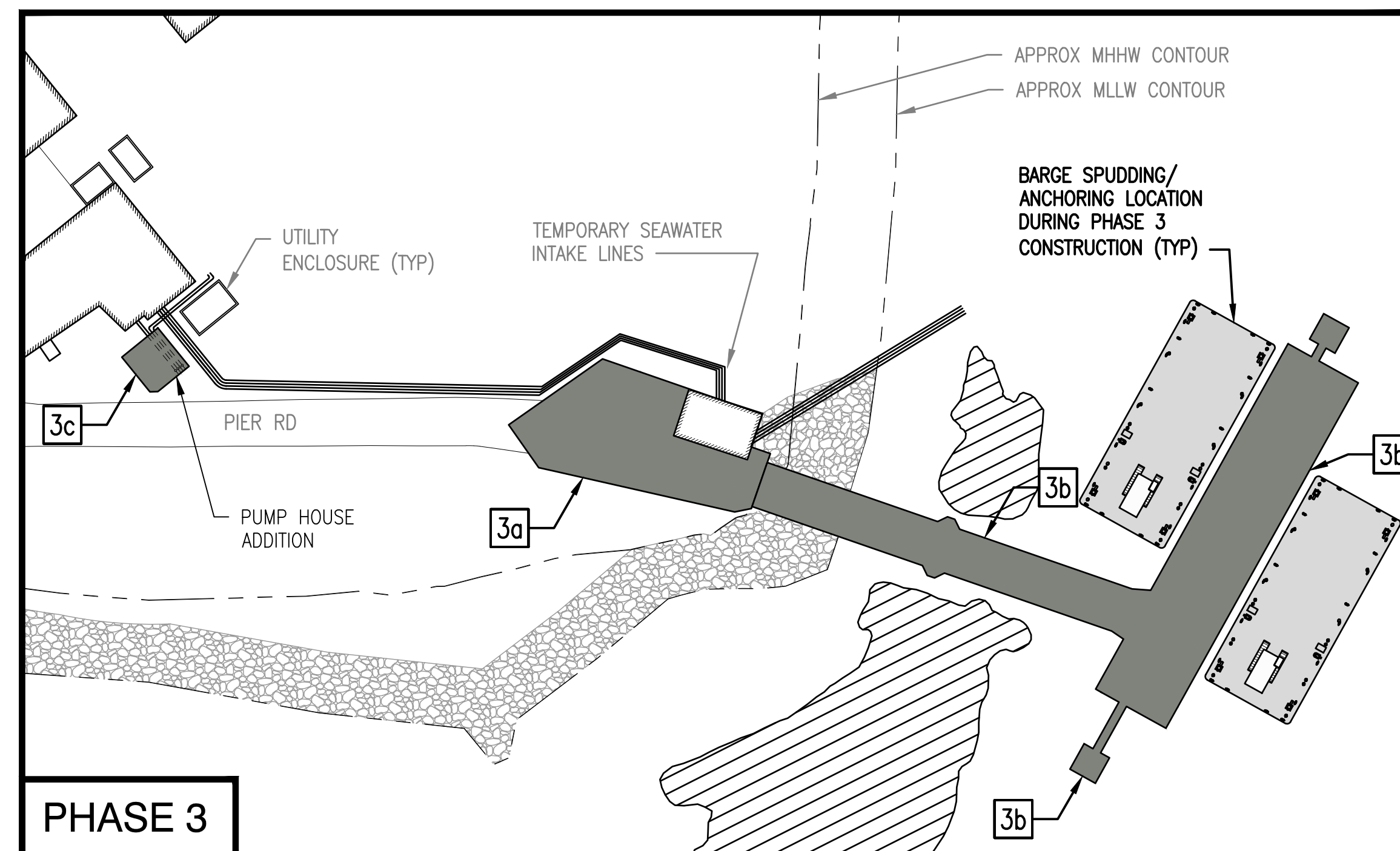
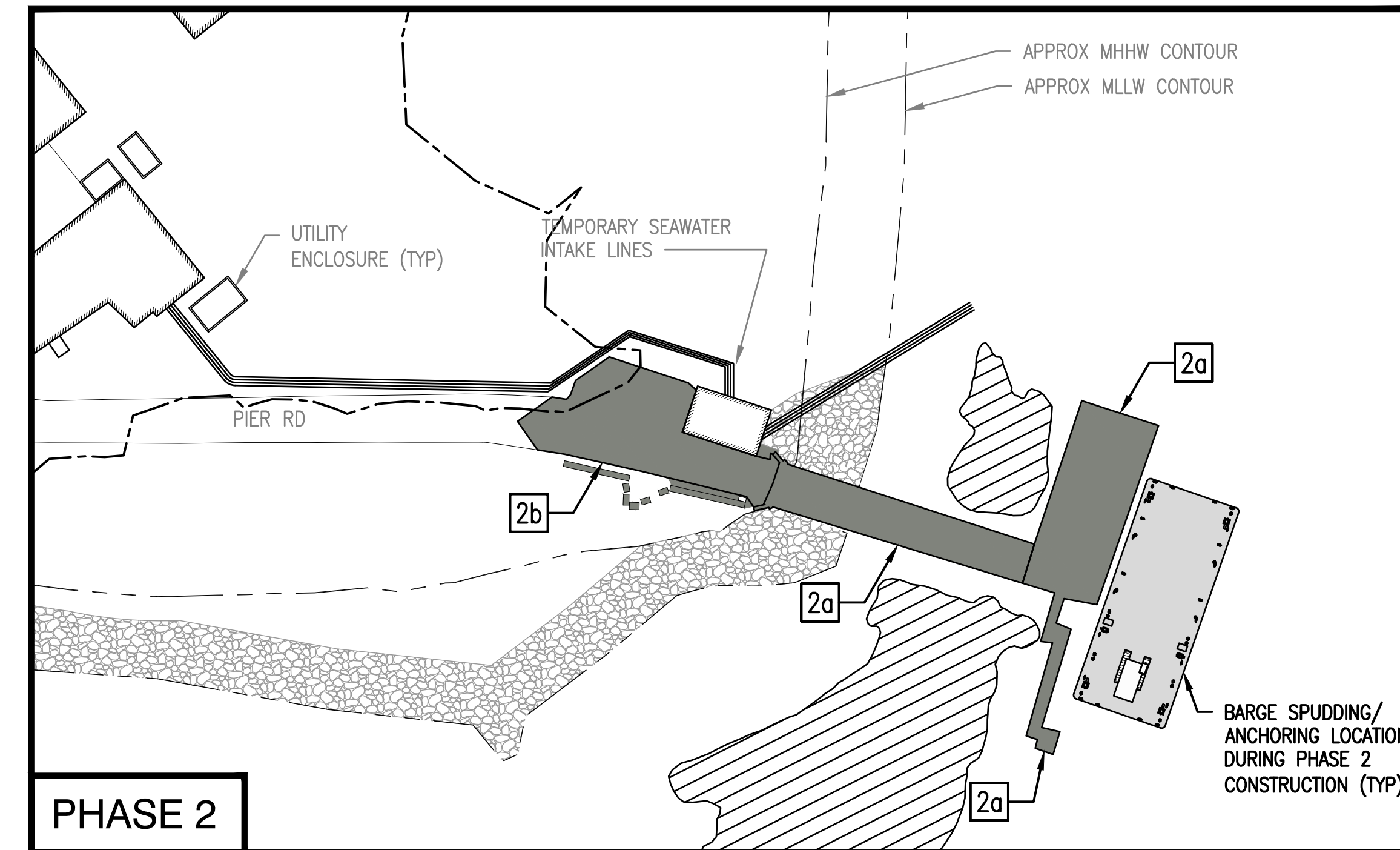
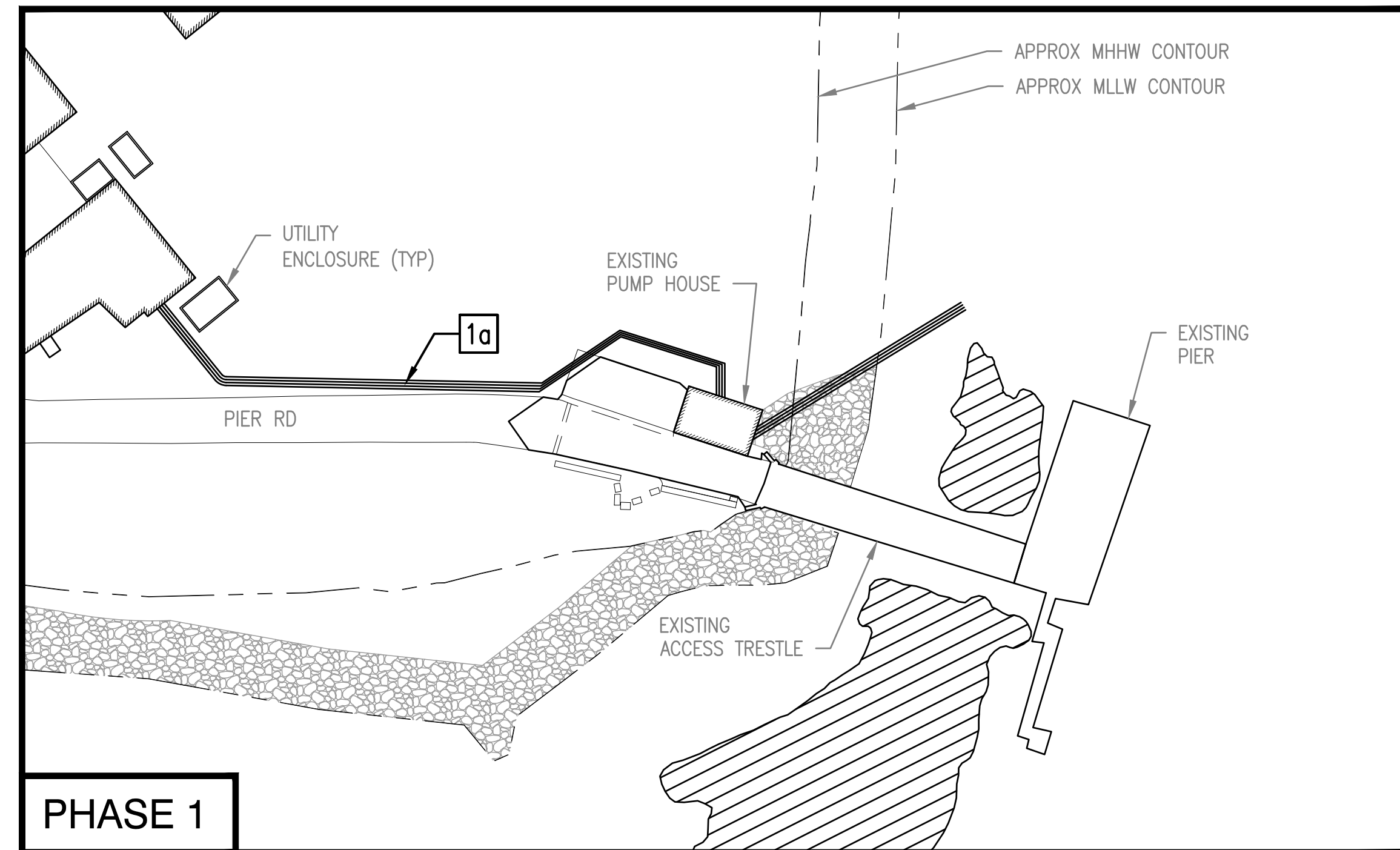
-30-

5 FOOT CONTOURS (MLLW)

APPROXIMATE LIMIT OF PROPOSED WORK

FOR PERMIT REVIEW (NOT FOR CONSTRUCTION)

CHECK GRAPHIC SCALE BEFORE USING.



NOTES:

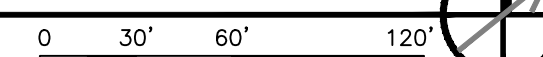
1. CONTRACTOR MUST PHASE ALL WORK TO ENSURE SUPPLY OF SEAWATER TO URI BAY CAMPUS BUILDINGS IS NOT INTERRUPTED. THIS INCLUDES DEMOLITION OF EXISTING PIER AND PUMP HOUSE, AS WELL AS CONSTRUCTION OF PIER AND PUMP HOUSE HOUSE.
2. SEAWATER SUPPLY TO THE BAY CAMPUS MUST BE, AT A MINIMUM, EQUAL TO EXISTING 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 SPUNNED DOWN.

LEGEND:



## PHASING PLAN

SCALE: 1"=60'-0"

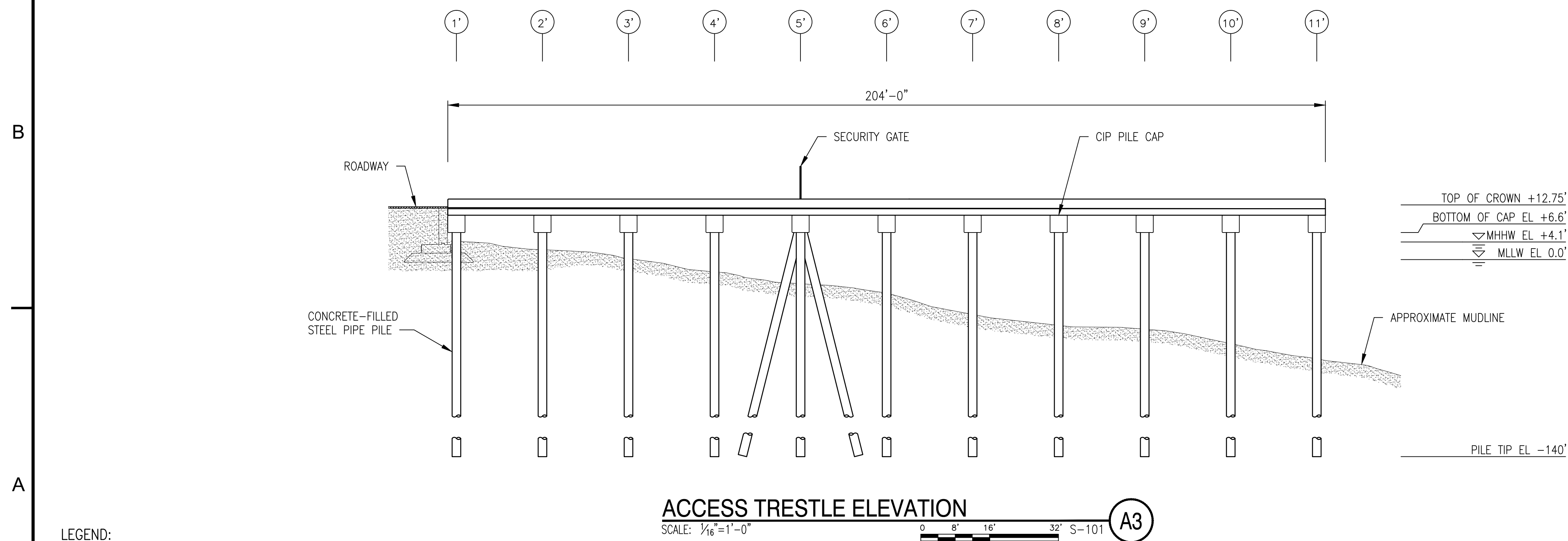
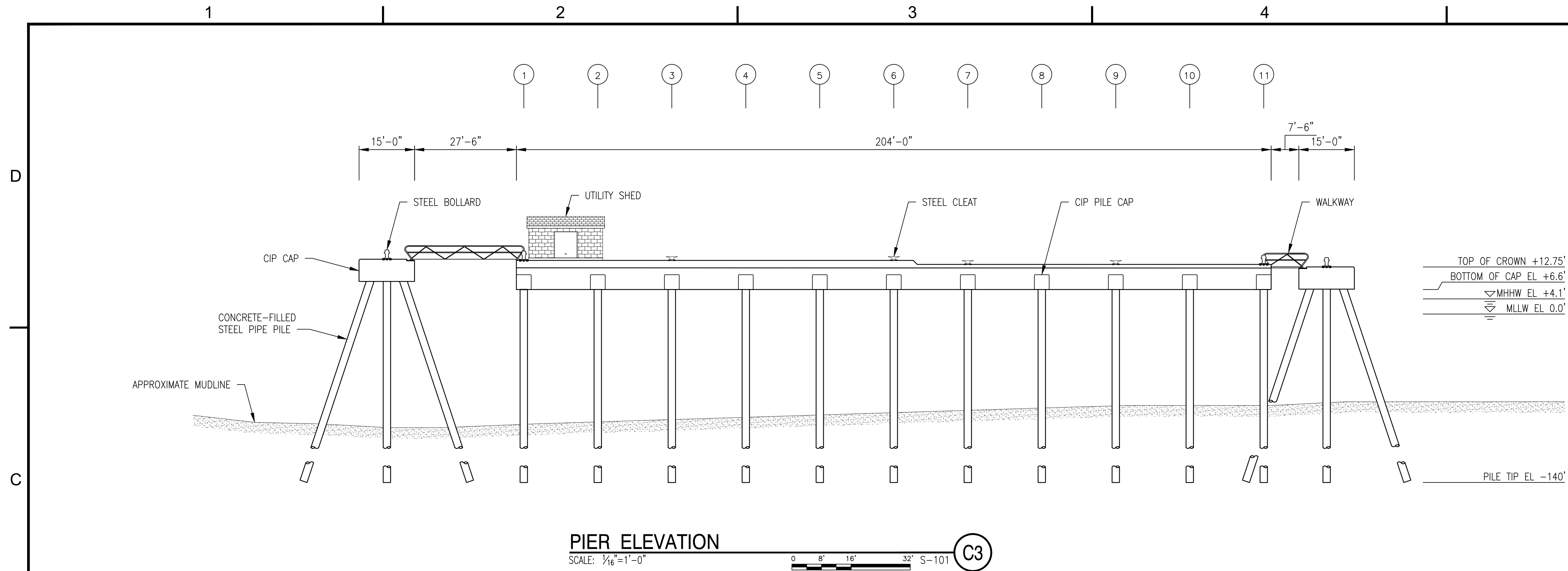


☐ PHASING KEYNOTES:




- |    |  |    |  |
|----|--|----|--|
| 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. | 3b | PROVIDE PIER, ACCESS TRESTLE, AND MOORING DOLPHINS.                  |
| 2a | REMOVE EXISTING PIER, ACCESS TRESTLE, AND MOORING DOLPHINS.  | 3c | PROVIDE PUMP HOUSE ADDITION.   |
| 2b | REMOVE EXISTING APPROACH AND ABUTMENT.   | 4b | PROVIDE NEW* SEAWATER INTAKE SYSTEM INCLUDING PUMPS AND LINE.        |
| 3a | PROVIDE APPROACH, ABUTMENT, AND SHORESIDE TIE-IN.  | 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)**

UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS		KINGSTON, RI		NARRAGANSETT BAY CAMPUS		NARRAGANSETT, RI	
PROJECT No.: 5251				CAD DWG FILE: 01_5251_G-001.dwg			
DESIGNED BY: MDM				DRAWN BY: MDM			
CHECKED BY: RMS				SCALE: AS SHOWN			
G-104				SHEET 07 OF 54			



LEGEND:

- |   |                       |
|---|-----------------------|
|  | PILE BENT DESIGNATION |
|  | STEEL CLEAT           |
|  | STEEL BOLLARD         |

**FOR PERMIT REVIEW (NOT FOR CONSTRUCTION!)**

UNIVERSITY OF RHODE ISLAND - OFFICE OF CAPITAL PROJECTS KINGSTON, RI		NARRAGANSETT BAY CAMPUS NARRAGANSETT, RI		PROJECT No.: 5251	
RECONSTRUCTION OF NBC PIER		ACCESS TRESTLE SECTIONS		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					

CHECK GRAPHIC SCALE BEFORE USING.