

**City of Portsmouth, NH**  
**Bid #29-13 Mechanic Street Seawall at Pickering**

**ADDENDUM No. 1**

**Issued February 25, 2013**

The attention of the bidders submitting proposals for the subject contract is called to the following ADDENDUM to the BID PACKAGE. Bidders shall acknowledge receipt of the addendum on the Proposal Form. There is no change to the bid opening date or time. Bid opening will be at 2:00 pm on Monday, March 4, 2013.

The following questions were either submitted in writing by potential bidders or posed at the pre-bid meeting held on 15 February 2013.

1. Are there any specific wage rates the bidders should assume using in developing the bids?

Response: There are no specific wage rates (prevailing wages) for this project.

2. Drawing 6 shows a detail "Replacement Seawall Reinforcing – 0+65 to 0+88." Should that be 0+88 to 1+10?

Response: Drawing 6 has been revised to reflect corrected stationing. The section referenced in the bidder question is from STA 0+65 to STA 0+96, which is approximately 1 foot beyond the side of the boathouse.

Drawing 7, Replace Detail title, "Replacement Seawall Reinforcing (STA 0+65 to STA 0+88)" with "Replacement Seawall Reinforcing (STA 0+96 to STA 1+10)."

3. What is the stationing at the jog in the wall?

Response: Drawing 5, Mechanic Street Seawall Replacement Plan, shows face of the granite stone at the return wall at STA 0+92.8. However, this requires field verification to provide adequate clearance for construction methods/excavation for the seawall footing and the boathouse and its piles.

4. What is the curb end detail at the boathouse? Does the curb return and taper to the roadway?

Response: The granite curb shall terminate at the return wall at approximate STA 0+92.5. It should taper over the last 6 feet to a 2 inch reveal at the face of the concrete stemwall the forms the return. The curb should not extend over the granite facing of the return. Nor should it turn with the return wall.

5. Is compaction testing required for the roadway and under the concrete footing?

Response: Yes and in accordance with specification 02220, Part 3.05. The requirement of no less than 4 tests completed on the final lift pertains to the roadway only.

6. What does the stone bid item include?

Response: Per specification Section 04410 Part 4, measurement and payment for the stone bid item includes coordination with the Engineer and City for review of the material at the City Yard, loading, transporting, and unloading the granite block.

Similarly, the alternate bid item for contractor supplied supplemental granite block includes identifying quantity of supplemental granite block required, procuring granite block that meets the project requirements, loading, transporting, and unloading the granite block.

For both the bid item and alternate bid item, the granite block shall be prepared as indicated in Part 3.01 of the specification section.

7. Does the City have a waste sight the contractor can use?

Response: No.

8. What are the limitations on cofferdam work during high tide? The permit and conditions identified as missing from the permit appear to contradict one another.

Response: NHDES has not provided a revised final permit resolving the conditions that may have been inadvertently missing. Based on the draft permit conditions that were provided to the City, and as indicated in the project specifications, the cofferdam shall not be installed at high tide. Once the cofferdam is in place, there are no restrictions related to tides for work within the cofferdam area. Work outside the cofferdam, shall be at low tide.

9. Can existing granite stone that does not fall within the parameters of the specification be utilized?

Response: Acceptable existing granite block shall meet the requirements of Section 04110, Part 2 such that the seawall replacement looks like a granite block seawall that is consistent in appearance with the adjacent privately-owned granite block wall and has uniform height courses per Part 3.02. As indicated in the specification Part 2.01 A.4, granite block smaller in size than the dimensions specified may be acceptable based on the granite block layout. Use of smaller stone shall not compromise the long-term performance of the granite block or its connection to the concrete wall. The Contractor shall provide a description and layout drawing to the Engineer and City for review and approval.

10. If bedrock is encountered, what are the requirements for “clearing”, dowels, and step footings?

Response: If bedrock is encountered, the Contractor shall clean it by hand to provide a clean roughened surface so that the bedrock is completely visible. Maximum bedrock surface slope shall be 1V to 2H. Footings shall be installed in areas of high bedrock by stepping the footing. Step footings shall be sloped 1V to 2H on structural fill and may be vertical in bedrock. Maximum step height shall be the thickness of the footing unless on sound bedrock. Reinforcing steel shall tie the footing together between steps. A construction joint may be permitted at the step.

11. Please clarify the schedule of pipe required. The drawings and specifications do not appear to coincide.

Response: The PVC pipe for the drains through the seawall at the roadway elevation, the weepholes, and the 6" pipe running along the back of the seawall connecting the weepholes shall be schedule 40.

Revise Section 02800 Site Improvements, Part 2.03 Seawall Drain Pipe: replace schedule 80 with schedule 40.

12. Stone Item 304.4 is not a clean stone. Does the City want clean stone for the underdrain?

Response: Yes. Clean Stone Fill for Structural Fill per NHDOT 508 shall be provided for the underdrain pipes associated with the catch basins and outfall. Crushed Stone (Fine) per NHDOT 304.4 shall be used for the seawall weephole system.

13. What are the removal requirements for the harbor bottom?

Response: Riverbed material that requires excavation within the footprint of the seawall replacement shall become the property of the contractor and shall be properly and legally disposed. Temporary, minor manipulation of the riverbed along the proposed waterside limit of the seawall is anticipated for construction work such as setting formwork for the footing and may be reworked to the existing elevation in front of the seawall.

14. What are the laydown limits?

Response: The laydown area is limited to the length of Mechanic Street that can be closed during construction. That length corresponds to the approximate northern and southern limits of work. However, access to the privately-owned properties at abutting both ends of the project must be maintained.

15. Is a spud barge ok within the cofferdam?

Response: The NHDES permit does not include conditions specific to barge usage. Use of a barge should be included in the Contractor's erosion control/water quality protection plan submittal to NHDES. However, it may not be possible to place a barge in the cofferdam system as the permit limits the waterside location of the cofferdam to 10 feet from the face of the wall (see Drawing 5 of the contract documents).

16. Can a spud barge be set outside the project limits if it is not in the channel?

Response: Yes, if the Contractor attains all applicable approvals. The Contractor should verify use of a barge outside the project limit with the harbor master.

17. Can an item for backfill be added to the bid form, in case it is needed for backfilling the area of Mechanic Street that is excavated for the work?

Response: A revised proposal form is attached to this addendum. An alternate bid item has been added for granular backfill if required for backfilling Mechanic Street. Granular backfill shall be in accordance with the project specifications and referenced NHDOT standard

specifications. Measurement and payment shall be as coordinated with, and approved by, the City, if the item is necessary.

18. Are there requirements for rodent abatement?

Response: The City and/or the City's contractor is responsible for rodent abatement.

19. Where are the City's yards located?

Response: Per specification Section 04410, Part 2.01 B, the City's yards are at Harvard Street and Constitution Avenue

20. Does the cofferdam require a PE stamp?

Response: Yes. If a cofferdam is utilized, the Contractor shall submit the layout, configuration and design stamped by a Professional Engineer to the Engineer and City for approval.

21. Any work related to the adjacent granite block wall at the boathouse?

Response: The adjacent granite block wall at the boathouse is privately-owned and is not included in this project, except for coordination of the end detail for the seawall replacement. The Contractor is not prohibited from providing services to abutters/private property owners, if requested by such. However, such work shall not delay the completion of the City's project.

22. The concrete mix specified for the seawall is a 5,000 psi marine grade NHDOT Class AAA concrete. A 28 day Chloride Ion Penetration test is required to ensure durability conformance. How recent does the test have to be to be acceptable for this project or does a project-specific test have to be run? Also, please clarify the micro silica requirements for the mix.

Response: Please see specification Section 03300, Part 1.03 A. A mix design approved by NHDOT and used within the past 12 months is acceptable with proper documentation. If microsilica is used, it shall conform to the requirements of NHDOT's Standard Specifications for Road and Bridge Construction, Section 520 Portland Cement Concrete.

**ADDENDUM NO. 1 INCLUDES 4 PAGES**

**ATTACHMENTS INCLUDE:**

**REVISED PROPOSAL FORM**

**RE-ISSUED CONTRACT DRAWINGS:**

**SHEET 5 OF 9**

**SHEET 6 OF 9**

**BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1 ON  
THE PROPOSAL FORM.**

**END OF ADDENDUM NO. 1**

**PROPOSAL FORM**

**Mechanic Street Seawall at Pickering**

CITY OF PORTSMOUTH, N.H.

To the City of Portsmouth, New Hampshire, herein called the Owner.

The undersigned, as Bidder, herein referred to as singular and masculine declares as follows:

1. All interested in the Bid as Principals are named herein.
2. This bid is not made jointly, or in conjunction, cooperation or collusion with any other person, firm, corporation, or other legal entity;
3. No officer, agent or employee of the Owner is directly or indirectly interested in this Bid.
4. The bidder has carefully examined the sites of the proposed work and fully informed and satisfied himself as to the conditions there existing, the character and requirements of the proposed work, the difficulties attendant upon its execution and the accuracy of all estimated quantities stated in this Bid, and the bidder has carefully read and examined the Drawings, Agreement, Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;
5. The bidder understands that the quantities of work calculated in the Bid or indicated on the Drawings or in the Specifications or other Contract Documents are approximate and are subject to increase or decrease or deletion as deemed necessary by the Portsmouth City Engineer. Any such changes will not result in or be justification for any penalty or increase in contract prices; and agrees that, if the Bid is accepted the bidder will contract with the Owner, as provided in the Contract Documents, this Bid Form being part of said Contract Documents, and that the bidder will supply or perform all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other activities required by the Contract Documents in the manner and within the time therein set forth, and that the bidder will take in full payment therefor the following item prices, to wit:

**PROPOSAL FORM** (continued)

**Base Bid**

<b>ITEM #</b>	<b>EST. QTY.</b>	<b>UNITS</b>	<b>ITEM DESCRIPTION &amp; UNIT PRICE IN WORDS</b>	<b>UNIT PRICE IN FIGURES</b>	<b>ITEM TOTAL IN FIGURES</b>
1	1	U	Mechanic Street Seawall Replacement at Pickering Street (Complete in accordance with plan & spec)	\$_____	\$_____
			_____		
			(Unit price in words)		
04410-1	300	CF	Supplemental Granite Block From City Yard (Complete in accordance with plan & spec)	\$_____	\$_____
			_____		
			(Unit price in words)		

**BID ALTERNATE**

02200-1	50	CY	Granular Backfill (Complete in accordance with plan & spec)	\$_____	\$_____
			_____		
			(Unit price in words)		
04410-2	300	CF	Supplemental Granite Block Contractor Supplied (Complete in accordance with plan & spec)	\$_____	\$_____
			_____		
			(Unit price in words)		

To Bidder: It is the intention of this contract that the items listed above describe completely and thoroughly the entirety of the work as shown on the plans and as described in the specifications. All other items required to accomplish the above items are considered to be subsidiary work, unless shown as a pay item.

**PROPOSAL FORM** (continued)

**TOTAL FOR PROJECT (BASE BID) AND BASIS FOR AWARD**

In Figures \$ \_\_\_\_\_

In Words \$ \_\_\_\_\_

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the Contract Documents, the bidder will accept compensation as stipulated therein.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Business Address

Title: \_\_\_\_\_

\_\_\_\_\_  
City, State, Zip Code

Telephone: \_\_\_\_\_

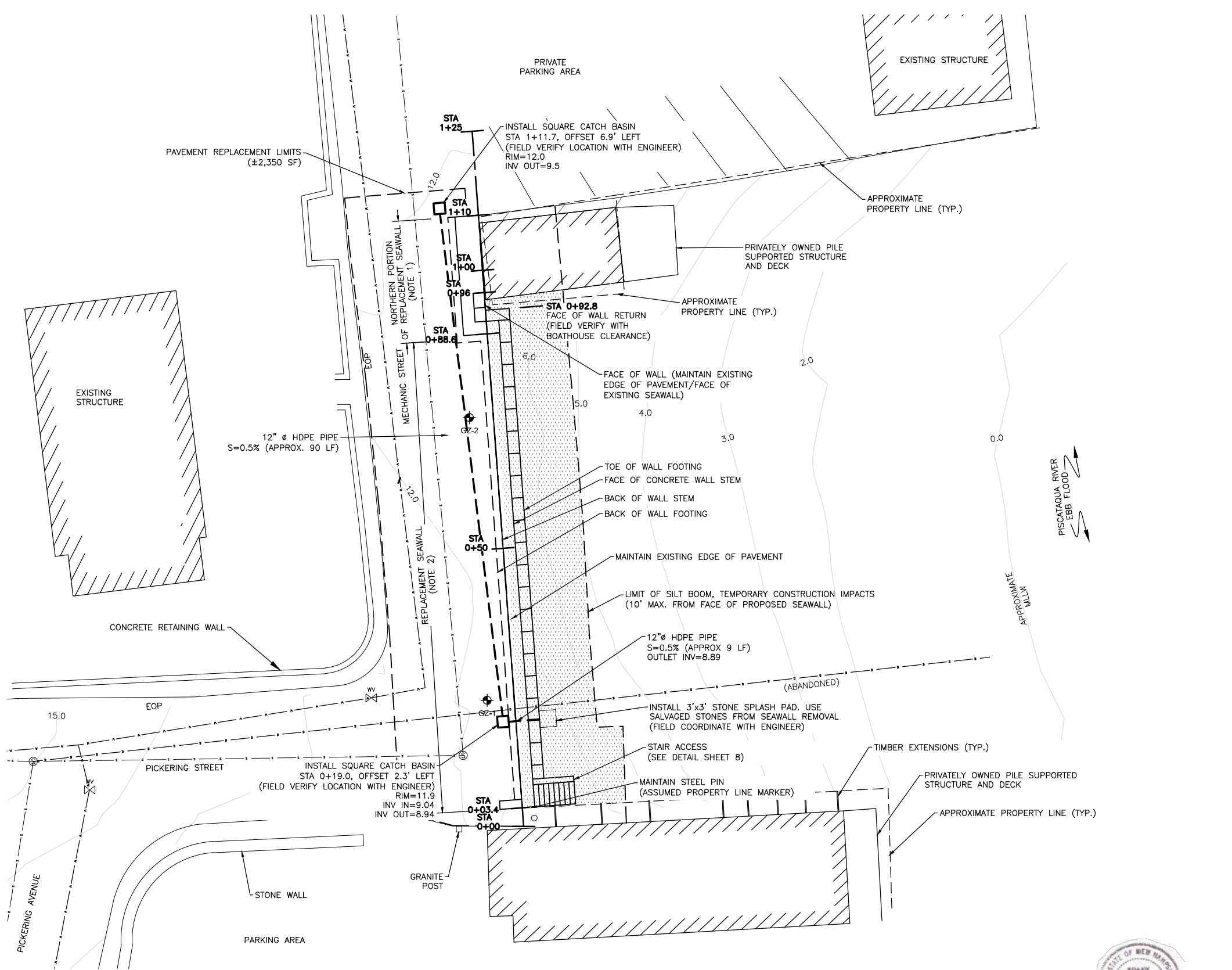
We certify that the Company is currently pre-qualified with the State of New Hampshire for Site Work or Road Construction.

The Bidder has received and acknowledged Addenda No. \_\_\_\_\_ through \_\_\_\_\_. All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

In order to follow the City's sustainability practices, future bid invitations/specifications may be sent electronically. Please provide an email address as to where I could email future bid invitations/specifications of this type. Thank you in advance for your cooperation.

Email Address: \_\_\_\_\_

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PROPOSED SEAWALL REPLACEMENT PLAN  
SCALE: 1"=10'



- NOTES:**
1. THE NORTHERN PORTION OF THE REPLACEMENT SEAWALL SHALL BE SET SUCH THAT THE FACE OF THE REPLACEMENT WALL STEM MAINTAINS THE FACE OF THE EXISTING WALL/EDGE OF PAVEMENT. GRANITE FACING IS NOT INCLUDED WITHIN THIS PORTION OF THE REPLACEMENT WALL.
  2. EXCEPT AT THE NORTHERN PORTION OF THE REPLACEMENT SEAWALL, THE REPLACEMENT SEAWALL SHALL BE SET SUCH THAT THE BACK OF THE REPLACEMENT WALL STEM MAINTAINS THE FACE OF THE EXISTING WALL/EDGE OF PAVEMENT. GRANITE FACING SHALL BE SET ALONG THE FACE OF THE REPLACEMENT SEAWALL STEM INCLUDING THE WALL RETURN TO THE NORTHERN PORTION OF THE SEAWALL.

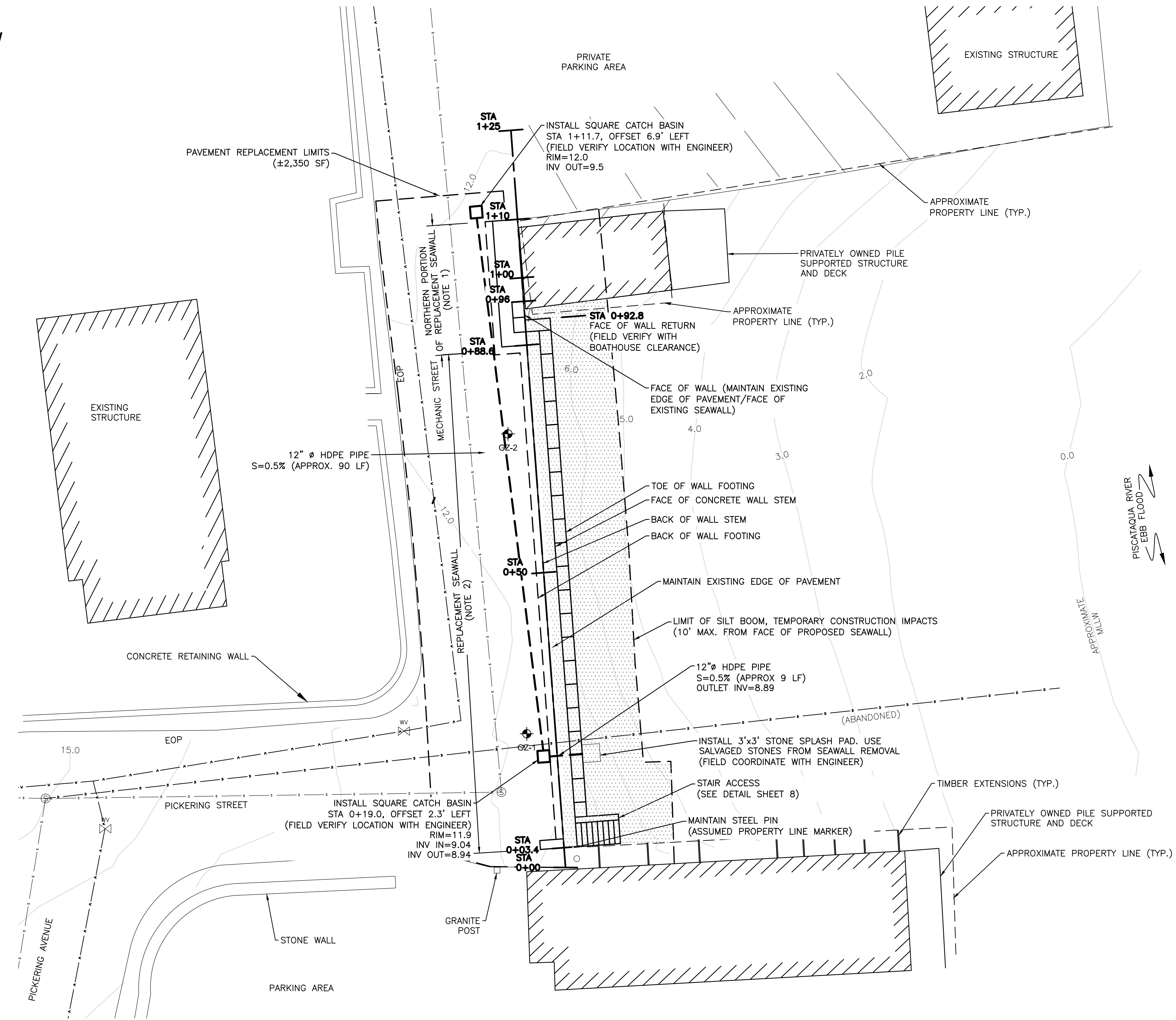
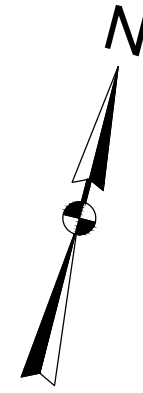
- LEGEND:**
- ⊕ BORING COMPLETED BY NEW HAMPSHIRE BORING, INC. ON JULY 14, 2011
  - ⊙ SEWER MANHOLE
  - ⊗ WATER GATE
  - EXISTING DRAIN LINE
  - EXISTING SEWER LINE
  - EXISTING WATER LINE
  - PROPOSED BELOW GRADE STORMWATER DRAIN
  - ▨ TIDAL WETLAND TEMPORARY IMPACT AREA

1	RE-ISSUED WITH ADDENDUM #1	CWC	2/24/2013
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NHDES FILE #2012-00751 CITY OF PORTSMOUTH, MECHANIC & PICKERING STREET			
MECHANIC STREET SEAWALL REPLACEMENT PLAN			
PREPARED BY:	Vine Associates A DIVISION OF GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: CITY OF PORTSMOUTH, NH
PROJ MGR: CWC	DESIGNED BY: CWC	REVIEWED BY: RJM	CHECKED BY: JJZ
DATE: JULY 2012	PROJECT NO: 18.0170970.00	DRAWN BY: JJZ	SCALE: AS SHOWN
		REVISION NO: 1	DRAWING NO: 5
			SHEET NO. 5 OF 9





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PROPOSED SEAWALL REPLACEMENT PLAN  
SCALE: 1"=10'



- NOTES:**
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NHDES FILE #2012-00751  
CITY OF PORTSMOUTH, MECHANIC & PICKERING STREET

**MECHANIC STREET SEAWALL REPLACEMENT PLAN**

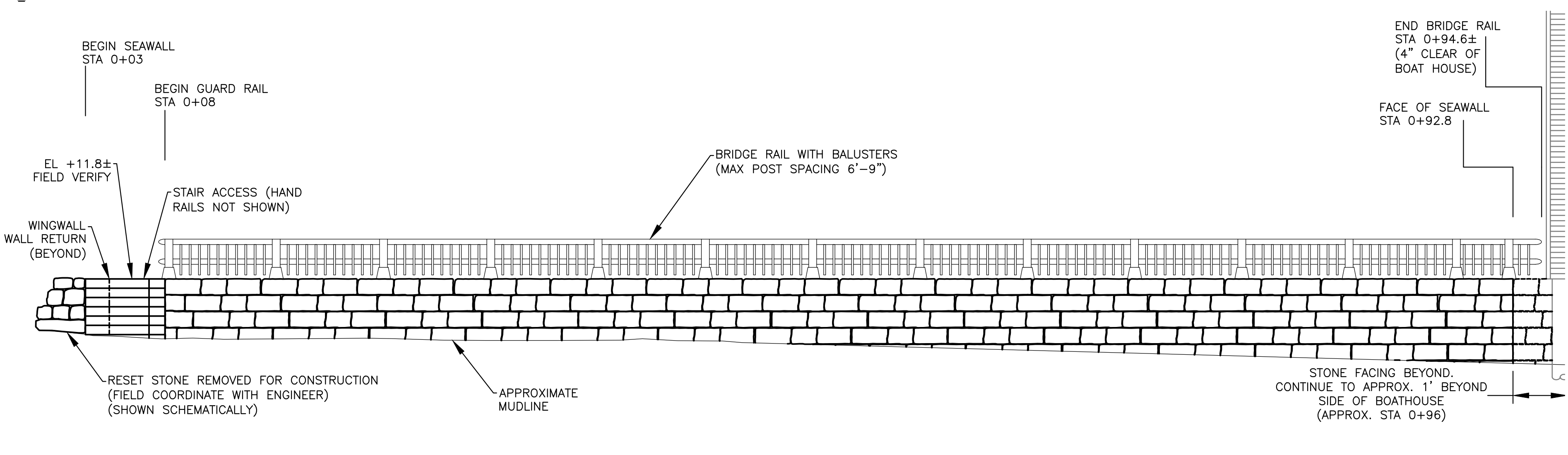
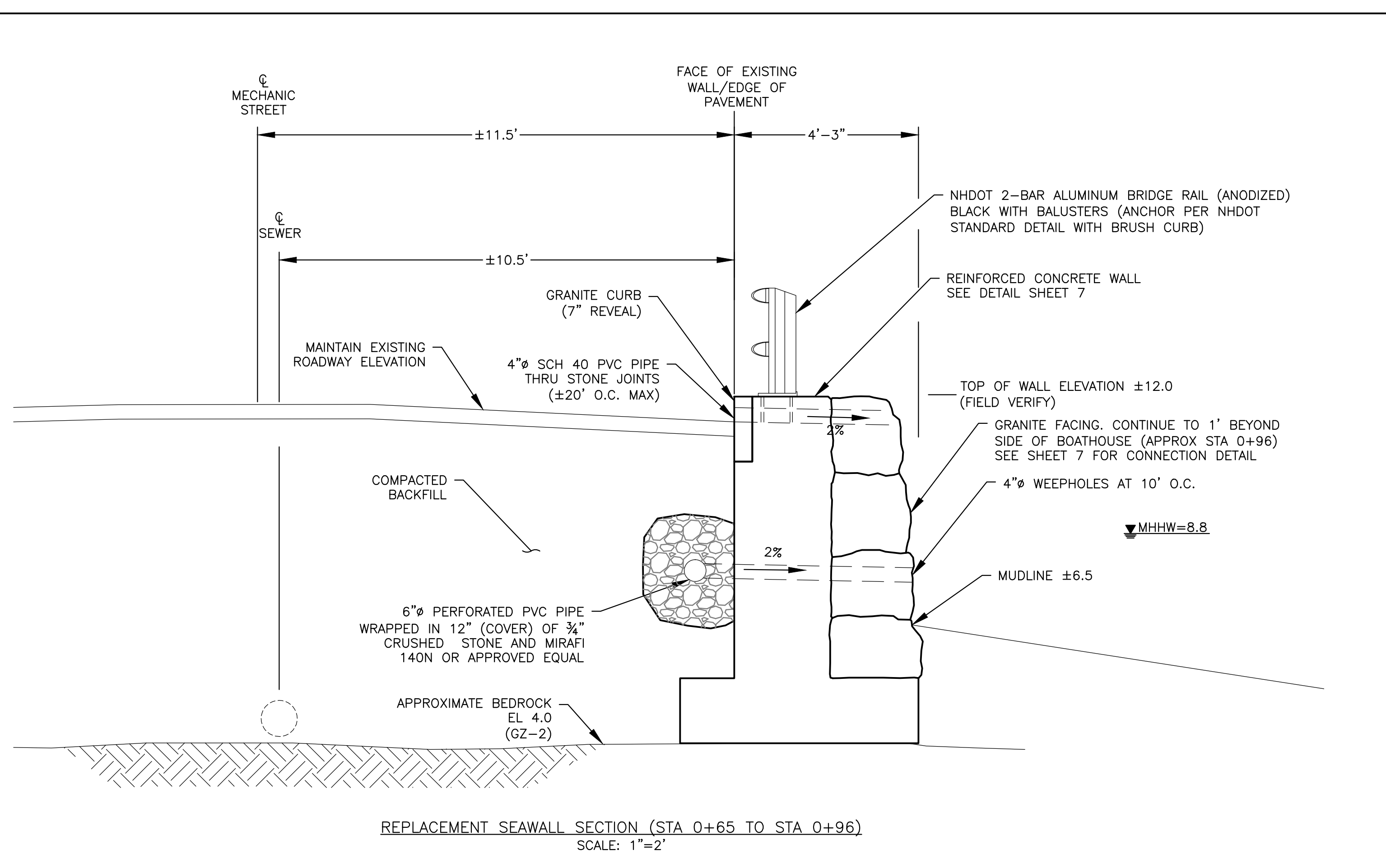
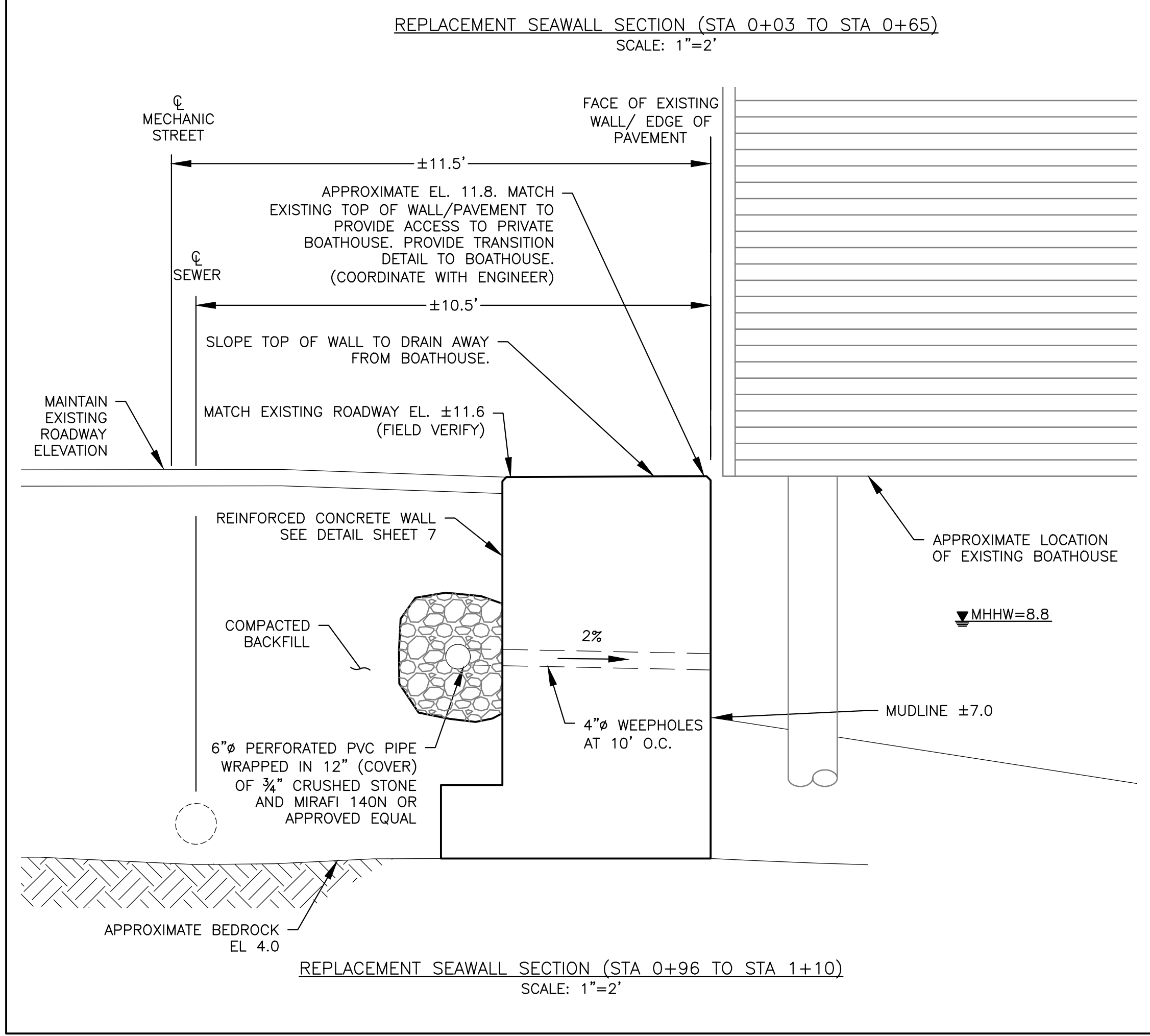
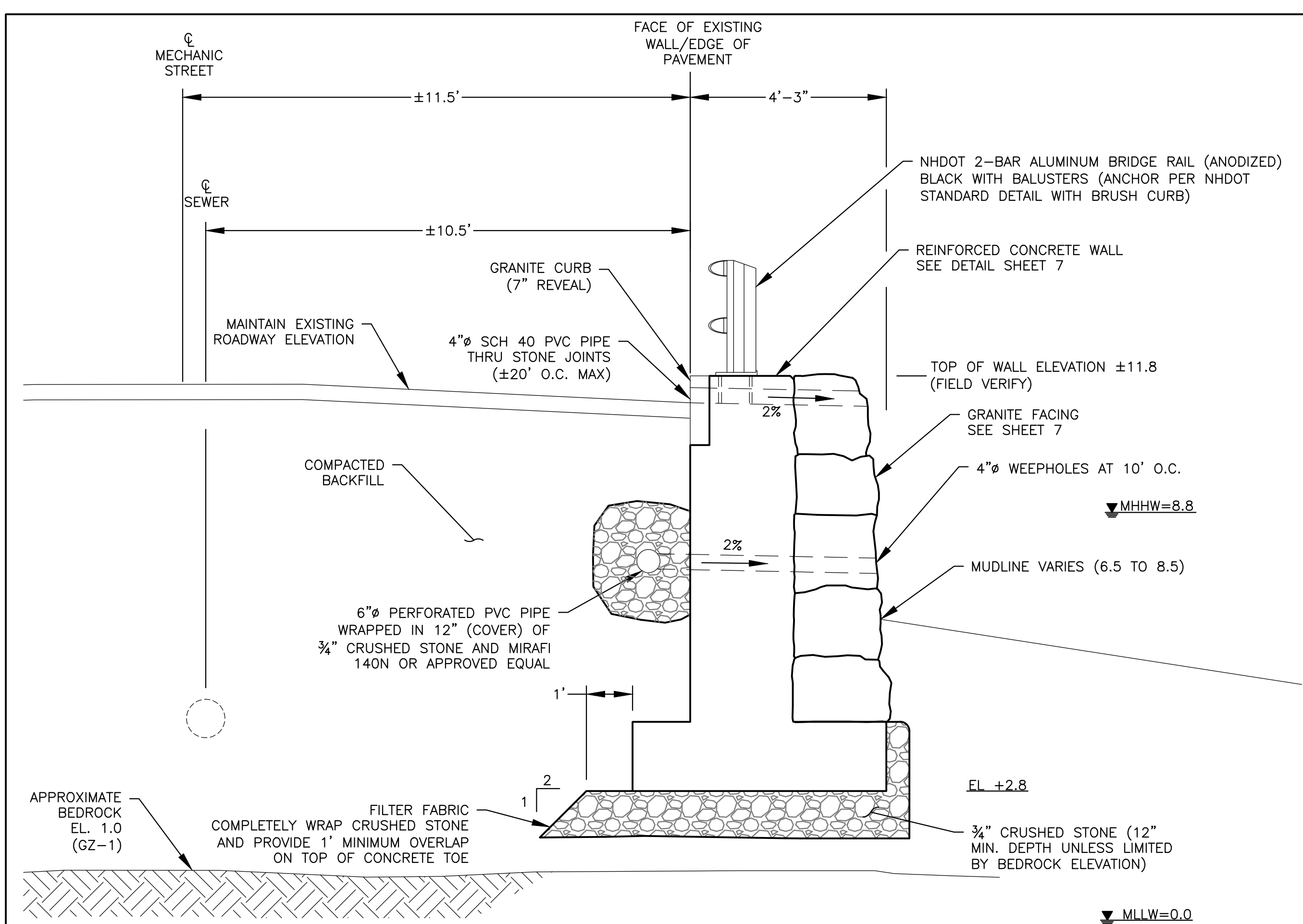
PREPARED BY: Vine ASSOCIATES A DIVISION OF GZA GeoEnvironmental, Inc. ENGINEERS AND SCIENTISTS www.gza.com  
PREPARED FOR: CITY OF PORTSMOUTH, NH

PROJ MGR: CWC	REVIEWED BY: RJM	CHECKED BY: JJZ	DRAWING
DESIGNED BY: CWC	DRAWN BY: JJZ	SCALE: AS SHOWN	
DATE: JULY 2012	PROJECT NO. 18.0170970.00	REVISION NO. 1	5
			SHEET NO. 5 OF 9



*Frank Wehner*

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*Frank Wehner*

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MECHANIC STREET SEAWALL REPLACEMENT SECTIONS AND ELEVATION			
PREPARED BY:	GZA GeoEnvironmental, Inc. ASSOCIATES A DIVISION OF		PREPARED FOR: CITY OF PORTSMOUTH, NH
PROJ MGR: CWC	REVIEWED BY: RJM	CHECKED BY: JJZ	DRAWING <b>6</b> SHEET NO. 6 OF 9
DESIGNED BY: CWC	DRAWN BY: JJZ	SCALE: AS SHOWN	
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