



Addendum No. # Two (2)

Page 1 of 56

Dated: July 16, 2026

To: All Bidders

Contract Documents

For: **PFD - Moon Island Seawall,**

Project No. **7222**

This addendum modifies, amends, and supplements designated parts of the contract documents for: PFD - Moon Island Seawall, **Project No. 7222**, and is hereby made a part thereof by reference, and shall be as binding as though inserted in its entirety in the locations designated hereunder. Whenever portions of any addendum are in conflict with a previous addendum, the addendum bearing the latest date shall govern. It shall be the responsibility of each General Bidder to notify all non-filed subcontractors and suppliers, whom the General Bidder proposes to use for various parts of the work, of any changes or modifications contained in this addendum. No claim for additional compensation, due to the lack of knowledge of this addendum will be considered. *Bidders* are hereby notified they *must acknowledge all addenda* on the Form for Sub-Bid and/or the Form for General Bid.

Carleton W. Jones
Director

Item Number	Description
1	Additional Content

All Vendors are advised to visit our website regularly at <https://www.boston.gov/departments/public-facilities> as this information is fluid and can change at any time. Please review the information on the website regarding procedures required for submitting/dropping off bid documents. If you have additional questions or concerns, please email us at bid.info@boston.gov

End of Addendum No. 2. Project No. 7222

Addendum No. Two

Project #7222

Moon Island Seawall

0 Moon Island Road, Quincy Ma.

July 16, 2026

Item One Bidder's 6/30/26 sign-in sheet:

Name	Company	Phone	Email
Tom Le	Manafort		tle@manaforttransit.com
Barry Belcastro	ACK Marine Contracting		barry@ack-marinecontracting.com
Don Beckedorf	McCourt Construction		dbeckedorf@mccourtconstruction.com
Perry Kumi	SSG Shotcrete		pkumi@ssgshotcrete.com
Mike Kelly	JF White		mkelly@jfwhite.com
Sasank Amba	MAS Building & Bridge, Inc.		samba@masbuildingandbridge.com
Chad Sumner	SumCo Eco-Contracting		csumner@sumcoeco.com
Alex Ribeiro	Luciano's Excavation	774-218-1350	alexribeiro@l-einc.com
Gregg Doten	BBCH, LLC	508-481-3586	gdoten@bbch-llc.com
Andy Nguyen	CSI		anguyen2@bbch-llc.com
Varsha Ahire	Coastal Marine Construction LLC		estimating@coastalmc.net
Scott Haggerty	BTT Marine Construction Co.		scotth@reinauer.com

Item Two-Insertions and deletions:

Table of Contents:

Delete page two and insert revised page two

Unit Prices:

Add section 01 22 00-Unit Prices to the specifications

Appendix:

Add documents – Quincy WPA Form and NOI
MassDEP Administrative Request

Item Three-Questions and responses:

Question 1: For the 40'x12'x12' Box Culvert Replacement at approx. Station 14 (center of work area) -Section D – Drawing S-02.

- a.) What if any are the restrictions for this work as it is in Fire Academy Lane? Will one lane be required open at all times?
- b.) Can a temporary bypass be built in the contractor staging area to allow the entire culvert replacement area to be available?

Response 1:

- a.) There are no restrictions on work to be carried out for this culvert. There is an alternate road that can be used to access the facility if required. Coordination is required between the contractor, Fire Academy and the Boston PFD.
- b.) A temporary bypass can be built in the contractor staging area to allow the entire culvert replacement area to be available for no extra cost to the owners.

Question 2:

Is it the intention to reuse all excavated material on site? If not how will the disposal of excess excavated material be paid as without testing at time of bid an accurate cost for the disposal cannot be estimated.

Response 2:

All excavated material shall remain on site and be reused to the maximum extent practicable. Stockpiled excavated material shall be placed on plastic sheeting and covered with plastic tarps to prevent contamination and erosion, in accordance with Specification Section 01 22 00. Any excess excavated material remaining at the completion of the project that cannot be reused on site shall be disposed of and paid for under the applicable **unit price** item for excess excavated material disposal. (see attached specification section)

Question 3:

Is reinforcing steel required in the CIP concrete seals between the existing brick and the new precast culverts? If yes, please provide details.

Response 3:

Reinforcing steel is not required for the cast-in-place concrete seal between the existing brick and the new precast culverts.

Question 4:

Is it the intent to only reuse the salvaged armor and revetment stone or will additional quantities need to be imported to the site?

Response 4:

The intent is to reuse the salvaged armor and revetment stone but there are areas that required additional imported stone.

Question 5:

Section 2 – Drawing S-03 shows the concrete head wall at the end of the three-sided box culvert. We have the following questions:

- a.) What is the width of the wall?
- b.) What are the reinforcing details required for this wall?
- c.) Are any attachments required where it touches the splash wall footer and stem?
- d.) Are any attachments required where it touches the precast concrete box culverts?

Response 5:

- a.) The width of the wall towards the waterside is 3'-0" minimum.
- b.) Follow Detail 9 on S-04 for reinforcement detail.
- c.) No, the headwall is cast against the splash wall footer and stem.
- d.) Yes, 1" dowels shall be installed at 18" O.C. into the precast concrete box culverts.

Question 6:

Drawing V-02 -Existing Elevation Sections - Section C-V01A shows complete wall failure for the following limits:

- a.) +/- 110 '(Sta ESW9+35- ESW 10+45)
- b.) +/- 70 '(Sta ESW 6+50 – ESW 7 +20)

Drawing S-01 – Wall Sections & Elevations – 3 Elevation Proposed Full Wall Reconstruction shows the following limits:

- a.) +/- 130' (Sta. ESW 9+35-10.58.7)
- b.) +/- 90' (Sta ESW 6+40 -7+30)

This is a difference of 40 lf of wall. Which should be used to estimate the reconstruction?

Response 6:

For bidding purposes, use the limits shown on the proposed reconstruction details, which represent the greater reconstruction quantities. The final limits of full wall reconstruction will be verified in the field during construction based on actual site conditions.

Question 7:

Drawing V-02 - Elevation D / V-01A shows a partial wall failure for the following limits:

a.) +/- 20 (Sta ESW8 +80- ESW 9+00)

Drawing S-01- Wall Sections & Elevations – 3 Elevation Proposed Full Wall Reconstruction shows the following limits:

a.) +/-40' (Sta ESW 8+70- 9 +10)

There is a difference of 20 lf of wall. Which should be used to estimate the reconstruction?

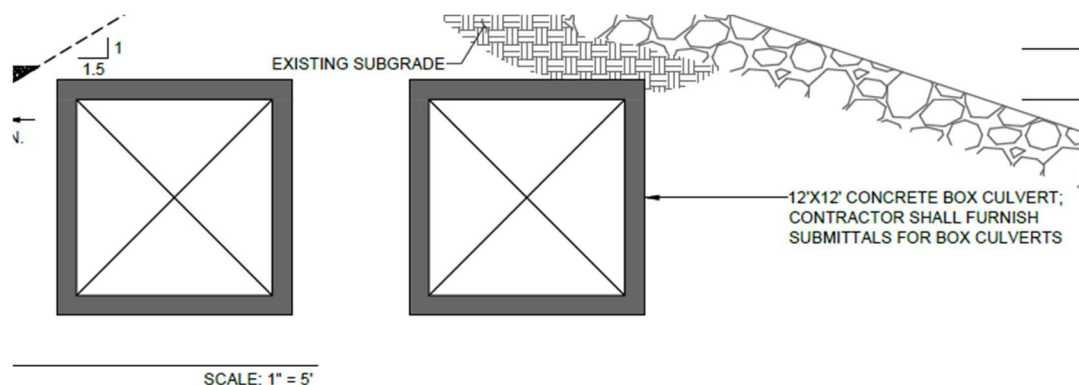
Is this area full depth or partial reconstruction?

Response 7:

For bidding purposes, use the limits shown on the proposed full wall reconstruction details, which represent the greater reconstruction quantities. This section of wall is full depth reconstruction. The final limits of full wall reconstruction will be verified in the field during construction based on actual site conditions.

Question 8:

Can you please verify the dimensions of the box culverts? Is the 12' an interior dimension or an exterior dimension?



The only reason I'm asking is because the drawings scale to 10' interior length & height and the exterior dimensions scale to 12' length & height.

Response 8:

The intent was that the 12'x12' dimension is the exterior dimension of the box culverts.

Question 9 :

Please confirm if the Contractor is required to obtain the building permit.

Response 9:

Yes, the contractor is required to obtain building permit and other permits required for construction of this project. The City will provide a waiver for the Inspectional Services Department building permit.

Question 10:

On Sheet G-2, under the "Concrete" section, bullet #2 calls out a 4000 PSI mix and also a 5000 PSI mix. Specification section 03 31 30 – Reinforced Concrete references 5000 PSI. Which applies?

Response 10:

5000 PSI mix will be used for concrete.

Question 11:

On Sheet G-2, under the "Concrete" section, bullet #2.d calls for a corrosion inhibitor to be dosed as directed by the manufacturer. However, spec. section 03 31 30 Reinforced Concrete Part 2 – Products has no mention of a corrosion inhibitor, only a shrinkage reducing agent (Part 2 – G). Please clarify if the corrosion inhibitor is needed or not and provide a specification for it.

Response 11:

Corrosion-Inhibiting Admixture: Provide a liquid, non-chloride, non-nitrite corrosion-inhibiting admixture complying with ASTM C1582. The admixture should be specifically formulated to inhibit chloride-induced corrosion of embedded reinforcing steel and shall be compatible with all other concrete admixtures. Dosage shall be in accordance with the manufacturer's written recommendations and shall be verified by trial batching.

Question 12:

Please confirm that concrete testing is the responsibility of the contractor.

Response 12:

Yes, concrete testing is the responsibility of the contractor. See Response to Question 38 for more details.

Question 13:

Specification section 03 31 30 Reinforced Concrete, Part 2.H lists microsilica Admixture (if required). Is there a performance spec. that the mix is to attain that would require adding microsilica?

Response 13:

No. The intent of the specification is not to require microsilica solely to achieve a specified compressive strength. Microsilica is identified as an optional supplementary cementitious material that may be incorporated into the concrete mix, if required, to achieve the specified

durability and performance requirements, such as reduced permeability, improved resistance to chloride ion penetration, and enhanced long-term durability.

The Contractor may propose a concrete mix without microsilica provided the submitted mix design demonstrates compliance with all specified performance requirements, including compressive strength, durability, and any applicable permeability or exposure class requirements. If microsilica is used, it shall conform to **ASTM C1240**, *Standard Specification for Silica Fume Used in Cementitious Mixtures*.

Question 14:

The plans issued do not depict the newly paved area adjacent to the brick outfall where the contractor staging areas are shown. Are these areas still considered as staging areas?

Response 14:

Yes, newly paved area adjacent to the brick outfall is anticipated laydown and staging area. This area was identified during the site walk as the preferred location for material storage, equipment staging, and temporary construction operations. Contractors will be responsible for maintaining the area in an orderly condition and restoring any disturbed areas at the completion of the project in accordance with the contract requirements. Some of the paving area will be excavated because it falls in the area of remedial work and some of it will be compacted and paved as necessary to restore usefulness.

Question 15:

Please clarify who is responsible for the relocation of inoperable vehicles parked along the edge of the armor stone down the length of the wall.

Response 15:

The city will arrange for the relocation or towing of these vehicles, as necessary. The Contractor shall coordinate with the Fire Department regarding the timing and removal of the vehicles to facilitate construction activities.

Question 16:

The contract drawings call for the removal and resetting of the existing armor stone between the granite seawall and the curbing. However, field observations indicate the existing armor stone is generally 12 to 24 inches in size rather than the 3-foot armor stone revetment shown on Drawing V-02. Please clarify whether the Contractor is to reinstall only the salvaged existing armor stone or furnish additional/new armor stone where required. Also, on Plan Sheets C-02A and C-02B, the legend symbols for "New Armor Stone" and "Reinstall Armor Stone" appear indistinguishable.

Please clarify the locations where new armor stones are to be installed versus where existing armor stones are to be reinstalled.

Response 16:

Following reconstruction of the granite seawall, the Contractor shall reinstall the salvaged existing armor stone currently on site in the locations indicated on the contract drawings. New armor stone is only required at the northwest corner of the project adjacent to the proposed three-sided box culvert and, if needed, to supplement the western side of the site where the Fire Academy Road turns, as shown on the plans. New armor stones are not anticipated; however, if required, it shall match the size and characteristics of the existing armor stone.

Question 17:

The specifications include section 32 92 33 – Sod Lawn, but we find no mention of a sod lawn to be installed on the plans. Please clarify where this is to be installed.

Response 17:

Sod shall be installed in the northwest corner of the site adjacent to the proposed three-sided culvert area, as required to restore disturbed areas following construction. Please see attached pdf which shows the area identifying the sod installation. (See exhibit D)

Question 18:

The specifications include section 32 93 00 – Plantings, but we find no mention of a plant list or landscaping plan included in the plans. Please clarify what plants are required and where they are to be installed.

Response 18:

Plants shall be installed in the northwest corner of the site adjacent to the proposed three-sided box culvert area, as required to restore disturbed areas following construction and to follow the spec section. Please see attached pdf which shows the area identifying the sod and plant installation. (See exhibit D)

Question 19:

In the area where the 3-sided box culverts are to be installed, the outboard brick outfall is 50% plugged with collapsed stone/brick. The existing condition has 2 obviously different grades between the inboard and outboard outfalls. Is the area where these 12' x 6' culverts to be installed to be levelled to El. +1.0 shown on sheet S-03 detail 1 even if it requires the inboard outfall to be partially filled in?

Response 19:

The Contractor shall avoid filling any of the culverts but clean out if the partially collapsed ones are required. The 12' x 6' three-sided box culverts shall be installed at a similar elevation with the target bottom/invert at Elevation +1.0±, as shown on Sheet S-03, Detail 1, slight variation of this

elevation may be required, no filling of the culvert will be acceptable. The area shall be leveled as required to achieve the specified elevation, including partial filling of the inboard outfall if necessary.

Question 20:

In the area where the 3-sided culverts are to be installed, there appears to be a line of very old vertical timber pile or timber sheeting. Is this to be removed or cut off to a specific grade?

Response 20:

Any existing vertical timber piles or timber sheeting encountered within the limits of the proposed three-sided box culvert installation shall be cut off flush with the existing grade elevation and disposed as part of the project scope, unless otherwise directed by the Engineer. Probably part of the pier, as shown in the 1885 plate. (See exhibit D)

Question 21:

Please clarify which specific forms included in the specification document are to be turned in WITH the bid. It is unclear which are turned in with the bid and those that would be turned in after award.

Response 21:

See Divisions 00 and 01, sections 00 41 13, 00 73 30, etc.

Question 22:

During the on-site meeting epoxy rebar was mentioned please confirm the required rebar for the base bid is galvanized.

Response 22:

Galvanized rebar shall be used for basis of the base bid.

Question 23:

Specification Section Earthwork -31 00 00, Page 4 -1.08 Project Conditions, Paragraph A – Site information - states that a subsurface exploration performed by John Turner Consulting is in the contract documents. We cannot find this document. Can this document be provided?

Response 23:

All available information was included in the drawings, B-01 to B-03.

Question 24:

Specification Section Site Preparation -02 10 00-4 -Section 3.03 - Coordination with Adjacent Contracts – Paragraph A – Page 4 -states that adjacent work will be in progress during the term of our contract. Is there a list and description of these contracts?

Response 24:

This is an active site used for Fire Department training and other City operations. In addition, other contracted work may be in progress during the term of this Contract. This requirement is identified in the Summary of Work and is intended to notify the Contractor that coordination with adjacent activities may be necessary throughout the duration of the project.

Question 25:

Specification Section Site Preparation – 02 10 00 -Section 1.08 – Environmental Protection- Paragraph D – Page 3 – references the Quincy Conservation Commission: Order of Conditions. Please provide this document.

Response 25:

Please see attached Order of Conditions. Will be added to appendix and provide revised Table of Contents page. (See attached exhibit F)

Question 26:

On plan sheet S-01, details 1 and 2, there appear to be 2 material types that do not have callouts.

- a. Please clarify what the horizontal dashed lines are that are called out to be excavated and that the new geotextile is to be placed on. If this is just existing fill, can it be re-used.
- b. Please clarify what material type the dots are in the area above top of splash wall footing and the existing asphalt parking area.

Response 26:

- a. The horizontal dashed lines shown in Detail 1 and 2 represent existing fill. Existing fill may be reused, provided it is determined by the Contractor and the Engineer to be suitable for reuse and is placed and compacted in accordance with the project specifications.
- b. The material represented by the dot pattern above the top of the splash wall footing and beneath the existing asphalt parking area is existing fill. Existing fill may be reused, provided it is determined to be suitable for reuse and meets the requirements of the project specifications.

Question 27:

On plan sheet S-04, detail 1, there is a 3" x 12" scupper shown to be installed thru the wall. If the wall is 16" thick, is the intent of this detail to recess the 3" scupper?

Response 27:

3" tall X 12" wide rectangular scupper to be used for the full depth penetration of the wall that are spaced at 30'-0" o.c.

Question 28:

On plan sheet S-04, detail 7, please clarify what aggregate base course type the 8" layer is to be.

Response 28:

The 8-inch aggregate base course shall consist of MassDOT Dense Graded Crushed Stone for Subbase, or an approved equal, placed and compacted in accordance with the project specifications.

Question 29:

On plan sheet S-04, detail 4, there is reference to "speed dowels" for the expansion joint. Please confirm that this is a reference to the Sika Slip Dowel system

Response 29:

Yes, the reference to "speed dowels" in Detail 4 on Sheet S-04 is intended to refer to the Sika® Slip Dowel System, or an approved equal, in accordance with the project specifications.

Question 30:

Is it possible to revisit the project site prior to the bid?

Response 30:

No, a second visit to the site will not be allowed at this time.

Question 31:

Sheet No. S-03, Section 2 – Are there any footings required for the 3-sided box culvert, or can the box culverts be placed directly on existing grade as shown?

Response 31:

Separate footings for the 3-sided box culvert are not required. The three-sided box culverts may be placed directly on the prepared existing grade as shown on Sheet S-03, Section 2, provided the subgrade is properly leveled, compacted, and approved prior to installation.

Question 32:

What is the proposed completion date for this project?

Response 32:

See section 00 53 12 for days from contract execution. The date will be determined after the contract is awarded.

Question 33:

Please confirm that all quality control testing for concrete, earthwork and aggregates is to be performed by a third party supplied at the contractor's cost.

Response 33:

Yes, all quality control testing for concrete, earthwork, and aggregates shall be performed by an independent third-party testing agency retained and paid for by the Contractor.

Question 34:

Please reference Specification 01 35 00 Paragraph 1.10 and advise of the location of the building that is to receive the cleaning and polishing.

Response 34:

This is our standard contract language and may be applicable to field trailers, etc.

Question 35:

Please reference Specification 02 10 00 Paragraph 3.01 and confirm that vibration monitoring is not included in the scope of work.

Response 35:

Vibration monitoring is not required in the scope of work.

Question 36:

Please refer to Drawing C-02A and the callout to reset removed rip rap to match existing (+/- 280 LF) and confirm that this work is to be built in compliance with Section B on Drawing S-02 and to include full revetment removal, new geotextile fabric, new bedding stone and reset existing armor stone.

Response 36:

Yes, the work shall be completed in accordance with Section B on Drawing S-02 and shall include removal of the existing revetment, installation of new geotextile fabric, placement of new bedding stone, and resetting of the salvaged existing armor stone as shown on the Contract Drawings.

Question 37:

Please refer to Drawing S-01 Sections 1 and 3 and confirm that bottom limit of Proposed Full Construction is to elevation -0.8 +/-, even if the wall continues deeper.

Response 37:

The proposed full wall reconstruction shall extend to the existing mudline, which is Elevation - 2.0'± NAVD88, even if the wall continues deeper below that elevation.

Question 38:

Please refer to the call out on Drawing S-01 Section 1, 2 and 3 for the contractor to verify base course is stable and level before reconstructing the wall. What tests are to be performed to determine stable base course?

Response 38:

The intent of the note is for the Contractor to visually verify that the exposed base course is firm, stable, and level prior to reconstruction of the wall. Contractor shall perform a grain size analysis and a proctor of the soil; Contractor shall assume a minimum of 5 sets of tests. If unstable or unsuitable material is encountered, the Contractor shall notify the Engineer for evaluation and direction before proceeding.

Question 39:

Please refer to the call out on Drawing S-01 Section 1, 2 and 3 for the contractor to verify base course is stable and level before reconstructing the wall. Is a leveling slab to be constructed on the stable base course?

Response 39:

No, a leveling slab is not required. The reconstructed wall shall be founded directly on the verified stable and level base course as shown on the Contract Drawings.

Question 40:

Please refer to Drawing S-01, Sections 1 and 2 and note that not all the stone on a given course/row of stones does not have SS dowels. Is the requirement for (2) SS dowels per stone only required for the front face row of stones?

Response 40:

No, the requirement for two (2) stainless steel dowels per stone applies to all stones/blocks within the reconstructed wall, not just the front face row, unless otherwise noted on the Contract Drawings.

Question 41:

Please refer to Drawing S-01, Sections 1 and 2 and confirm that the backfill above the limit of excavation line and below the new crushed stone drainage area can be ordinary borrow compacted in accordance to Specification Section 31 00 00 paragraph 3.12.

Response 41:

Yes, backfill above the limit of excavation line and below the new crushed stone drainage area may consist of ordinary borrow, provided it is placed and compacted in accordance with Specification Section 31 00 00, Paragraph 3.12.

Question 42:

Please refer to Drawing S-02 Sections C and D and confirm that the Box Culvert in the two sinkhole repairs area (Sta PSW 12+95 to 13+05 and 13+58 to 16+32) are four-sided box culverts are shown and not three sided as stated in Note 4 on Drawing C-02A.

Response 42:

Yes, these are four-sided box culverts.

Question 43:

Please refer to Drawing S-04 Detail 8 and confirm that #6 Dowels must be Type 316 Stainless Steel.

Response 43:

Yes, the #6 dowels shown in Drawing S-04, Detail 8 shall be Type 316 stainless steel.

Question 44:

Please confirm that this project is being bid as lump sum and not with unitized bid items.

Response 44:

Yes, this project is being bid on as a lump sum contract. Schedule of values is to be itemized as required. See division 01.

Question 45:

Please confirm existing size of brick outfall sewer pipes. Existing conditions label the pipes as 10.5' x 12' (elliptical shaped) inside dimensions yet the contract drawings depict the pipe as circular.

Response 45:

The existing brick outfall sewer pipes are approximately 10.5 ft x 12 ft elliptical (inside dimensions). The circular representation shown on the contract drawings is schematic and is not intended to depict the actual shape of the existing outfall pipes.

Question 46:

Drawing C-02A calls for the damaged Fire Academy Road to be repaired. Please define the limits of the repair of the road.

Response 46:

The Fire Academy Road shall be fully repaired in the caved-in roadway associated with the proposed box culvert installation. In addition, where the proposed splash wall is constructed adjacent to the roadway, the roadway repair shall extend a minimum of 10 feet from the splash wall. The final limits of repair shall encompass all areas disturbed by the construction and restore the roadway to match the adjacent existing conditions.

Question 47:

Please clarify if the guardrail located at the western end of the project from Sta 16+32 to Sta 13+00 is to be removed and reset or removed and discarded.

Response 47:

The existing guardrail located at the western end of the project, from approximately Sta. 13+00 to Sta. 16+32, shall be removed and reset following completion of the work, unless otherwise directed by the Engineer.

Question 48:

Between Sta 1+00 to Sta 0+00, there are 15 precast retaining wall blocks dividing the road from the armor stone/retaining wall. Please clarify if the Contractor is responsible to relocate the blocks or remove and dispose of the blocks.

Response 48:

The existing precast retaining wall blocks located between Sta. 1+00 and Sta. 0+00 shall be carefully removed, relocated, and reinstalled on site as directed by the Engineer/ Owner. The blocks shall not be disposed of and shall be protected from damage during removal, handling, and reinstallation.

Question 49:

At Sta 0+00, there are existing Fire Training materials including a storage box that impedes the proposed work. Please clarify if the Contractor is to remove and reset.

Response 49:

The City will arrange for the removal of the training materials, as required. The Contractor shall coordinate with the Fire Department regarding the timing of their removal to accommodate the construction work.

Question 50:

Please clarify proposed materials on site. Contract drawings reference all new crushed stone materials to be utilized yet the specifications reference crushing and reuse of existing materials.

Response 50:

The intent of the contract documents is for new crushed stone materials to be used. All crushed stones shall be new and shall conform to the requirements of the contract specifications.

Question 51:

Please confirm if the existing brick outfalls are to be cleaned of existing sediment within or only what is needed to make connections & facilitate installation of the proposed culverts.

Response 51:

Cleaning of the existing brick outfalls shall be limited to only the limits of work necessary to facilitate installation of the proposed three-sided box culverts and make the required connections. Removal of sediment beyond the project limits is not required.

Question 52:

Please confirm if the proposed concrete mix design for the concrete splash wall is to be the same mix design for the concrete closure pours between the box culverts and the brick outfalls.

Response 52:

Yes, the proposed concrete mix design for the concrete splash wall shall also be used for the cast-in-place concrete closure pours between the proposed three-sided box culverts and the existing brick outfalls.

Question 53:

Please indicate if there are any existing additional borings that can be provided in closer proximity to the box culvert installation.

Response 53:

No, there are no additional existing borings available in closer proximity to the proposed three-sided box culvert installation beyond those included in the Contract Documents.

Question 54:

Please provide pictures and condition assessment of existing culvert that was covered via road plates and unable to view at the time of the site walk.

Response 54:

Please see attached pictures north of the steel road plates. They represent what is the similar condition that will be found when the plates are removed for construction. (See exhibit D)

Question 55:

Please confirm that no armor stone/riprap is to be installed in front of the proposed concrete headwall in front of the three-sided culverts.

Response 55:

Yes, armor stone or riprap is not required to be installed in front of the proposed concrete headwall at the three-sided box culverts unless otherwise directed by the Engineer.

Question 56:

Drawing V-02 shows the typical section of the existing wall under Detail B/V-01A. Are there any existing as built or construction photos when this wall was constructed. The wall currently drawn depicts many large sized stones either in 2' or 4' width. From looking at the existing blocks that have fallen in the ocean and viewing the existing stones that are being the outward facing stones, there appears to not be enough stones as outlined in the existing conditions drawing that was provided. It appears that the existing stones are stacked upward but no inward stagger or batter along with smaller rock directly behind the wall. Please confirm if there are enough stones as depicted on drawing V-02 to partially/fully reconstruct the walls as intended as well if the Contractor needs additional granite blocks due to a lack of blocks behind the existing wall.

Response 56:

Please refer to the attached historic section for additional information regarding the existing wall construction.

Based on the available information and field observations, it is the Engineer's opinion that there are sufficient existing granite blocks on site to complete the areas requiring full reconstruction as shown on the contract drawings. No additional granite blocks are anticipated to be required for the specified reconstruction limits. If unforeseen conditions are encountered during construction, they will be addressed in the field by the Engineer. (See exhibit D)

Question 57:

We have very serious constructability concerns related to the demolition of the existing brick outfalls and connections to the proposed box culverts/closure pours. The existing brick outfalls were built in the late 1800s and have been subjected to salt-water influence which has compromised the existing mortar used to construct the pipes. Pictures taken within the pipes show a vast amount of concrete within the brick joints no longer existing. When vibration inducing activities are to occur (excavation, SOE installation, demolition, hammering of ledge against existing pipe), it is very possible that portions of this pipe are going to collapse. Mitigating measures should be considered to diminish this possibility and not risk the safety of personnel working within the pipe after it has been selectively demolished. These measures have not been outlined within the documents and leaves bidding this scope of work open to vague interpretation. We ask that this bid be postponed for 2 weeks to reassess the conditions and constructability. We also ask if the Contractor can be permitted to pursue alternative means of rehabilitation in lieu of what is called out on the documents.

Response 57:

The Contractor may propose an alternative means of rehabilitation in lieu of the approach shown in the Contract Documents. Any proposed alternative shall be stamped by a MA Professional Engineer and submitted to the Engineer for review and approval. The Contractor shall be fully responsible for the design, engineering, constructability, and performance of the proposed alternative rehabilitation method, including all associated calculations, details, and supporting documentation prepared and sealed by a Professional Engineer licensed in the Commonwealth of Massachusetts, if required. Any approved alternative shall provide performance equal to or better than that intended by the contract documents.

Question 58:

There are several bored utilities between stations 0+00 and 1+50 that run from Moon Island to Long Island. Is there any available as-built information as to the depth of these utilities?

Response 58:

See the attached utility drawings showing the available depth information for the existing bored utilities between Moon Island and Long Island. (**Exhibit C**)

Question 59:

Please confirm if flood insurance is required if so, would lower contract limits be acceptable.

Response 59:

As shown in the contract documents, section 00 73 16 Insurance Requirements, what is listed are the City's acceptable requirements and minimums.

Included:

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Unit price section

Exhibit C = Electrical plan

Exhibit D = Photos after road plates; Historical plates; Photo planting

Exhibit F = Quincy NOI

MassDEP

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01 23 00 Alternates

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03 01 30-1 to 03 01 30-18

DIVISION 31 EARTHWORK

31 00 00 Earthwork

31 00 00-1 to 31 00 00-11

31 05 19 Geotextiles

31 05 19-1 to 31 05 19-3

31 23 19 Dewatering

31 23 19-1 to 31 23 19-4

DIVISION 32 EXTERIOR IMPROVEMENTS

32 12 16 Bituminous Paving

32 12 16-1 to 32 12 00-3

32 92 23 Sod Lawn

32 92 23-1 to 32 19 12-4

32 92 00 Planting

32 92 00-1 to 32 92 00-7

DIVISION 35 WATERWAY AND MARINE CONSTRUCTION

35 31 19 Rip Rap Stone

35 31 19-1 to 35 31 19-4

35 31 29 Granite Seawall

35 31 29-1 to 35 31 29-3

APPENDIX

Allium_SCR Product Guide Specification

V01.00-1 to V01.00-4

Quincy WPA Form and NOI (Exhibit E)

Page 1 to page 17

MassDEP Administrative Request (Exhibit E)

Page 1 to page 13

**END OF SECTION 00 01 10
TABLE OF CONTENTS**

SECTION 01 22 00: UNIT PRICES

- 1.1 The Unit Prices set forth herein shall be used to determine any equitable adjustment of the Contract Price in connection with the changes or extra work performed under this Contract as directed by the **City**.
- 1.2 It is mutually understood and agreed that such Unit Prices include all items of costs, equipment, taxes and insurance of every kind, overhead, and profit for the **Contractor** and they shall be used uniformly, without modification for addition and deductions. Prices listed under ADDITIONS and DEDUCTIONS are to be the complete total price billed to and paid by the **City** therefor.
- 1.3 Sufficient prior notice shall be given in accordance with the General Conditions so that proper measurements of materials removed or to be replaced may be taken. All quantities used in the determination of additions to or deductions from the Contract Price due to Unit Prices shall only be those that have been determined and approved by the **City** in advance.
 - A. The unit price bid shall be taken to include all labor and materials necessary to make the item of work complete in place.
 - B. In case of substitution of items shown on the Drawings or called for in the Contract Documents, the change to the Contract Price for both item deleted and the item added, if of the same class of work, shall be based on the addition column.

END OF SECTION 01 22 00
UNIT PRICES

1.4

UNIT PRICES FORM

ITEM DESCRIPTION	UNIT	ADDITIONS	DEDUCTIONS
1. Soil with Low PFAS concentrations to Sub D LF & Passes TCLP	TON	\$170	
2. Soil with High PFAS concentrations to Sub C LF & Passes TCLP	TON	\$345	
3. Soil with High PFAS concentrations to Sub C LF Fails TCLP (D008)	TON	\$430	
4. On-site Treatment and disposal of PFAS soil with TCLP failed lead to pass TCLP (plus T&D cost above for either Options 1 or 2 above)	TON	\$100	
5. Granite block for seawall repair	EA	\$800	

1.5 METHOD OF MEASUREMENT OF EARTH EXCAVATION

- A. For walls, the excavation will be computed from the surface of the ground as it existed at the time of commencing work to the underside of the structure and to vertical planes 2'-0" outside of the footings of the structure, except where the limit of payment is specifically shown or specified.
- B. For pipe line trenches in earth, except as otherwise indicated on the Drawings or directed by the **Designer**, the excavation will be computed from the existing surface of the ground, as mentioned above, to the bottom of the barrel of the pipe measured

END OF SECTION 01 22 00
UNIT PRICES

vertically and between vertical planes to width of 24" plus the outside diameter of the pipe regardless of the actual width of the trench. In rock, where the excavation shall be carried 6" below the bottom of the barrel of the pipe and to vertical planes as specified for the trenches in earth.

- C. Where concrete or gravel fill under foundations is required, the excavation will be computed to the bottom of such foundations.
- D. No payment will be made for the excavation of bell or coupling holes.
- E. Excavation outside the specified lines, whether due to slides or other causes, or made for any reason, will not be paid for. Any material sliding into the excavation shall be removed by the Contractor at his own expense.
- F. Excavation in each excavation shall be measured to nearest cubic yard.
- G. Unused extra soil will be stockpiled and cover with plastic tarps. Tests will be made to determine location for offsite disposal.
- H. Basis of Payment: The unit price per cubic yard for excavation shall include the cost of furnishing all labor, materials, and equipment necessary to complete the earth excavation work, except shoring, sheeting and bracing required by state and local codes.

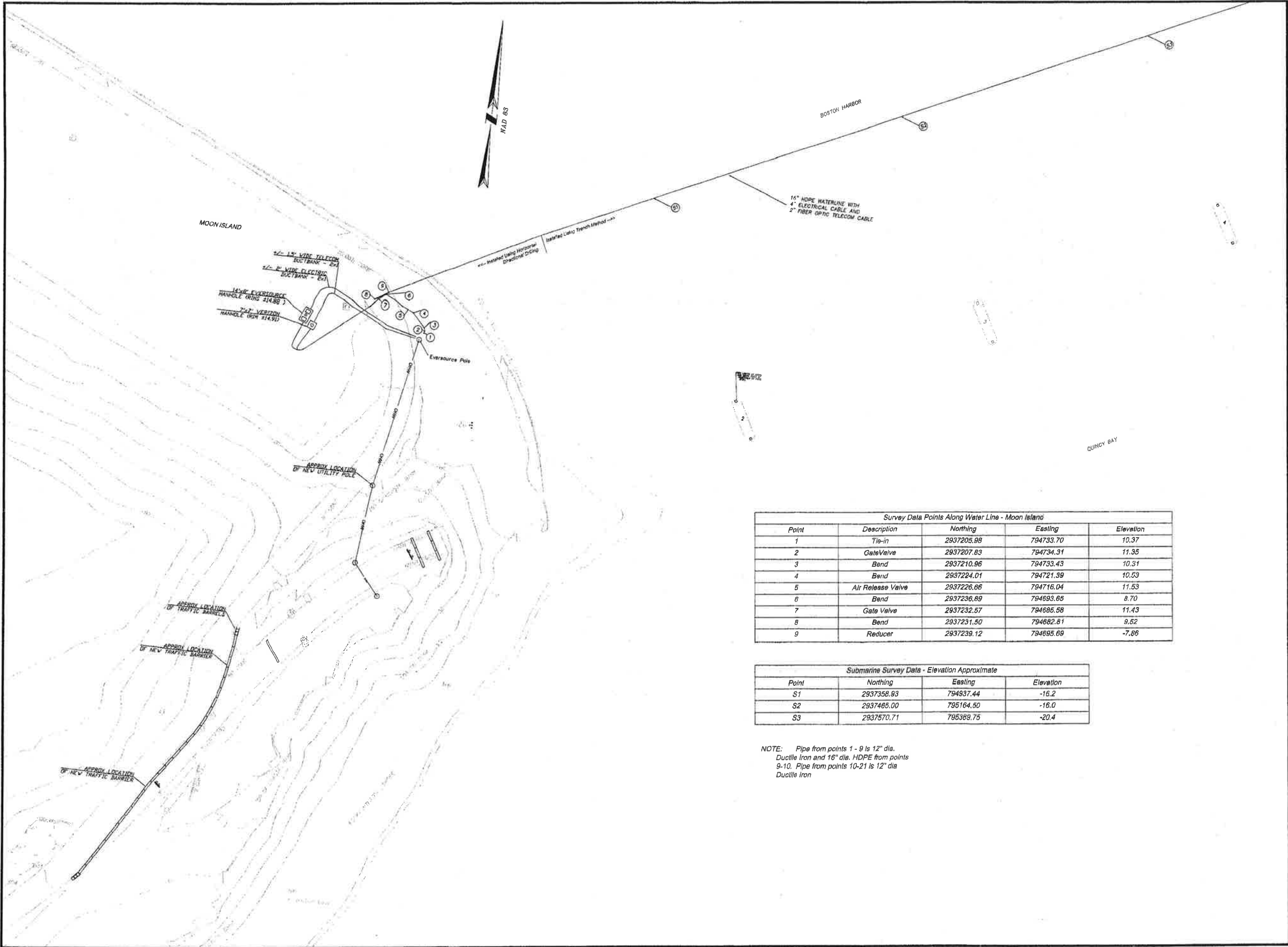
1.6 ROCK EXCAVATION

- A. Material to be excavated is assumed to be earth and other materials that can be removed by power excavation equipment. The following items, if they can be removed by power excavation equipment and require the use of drills or explosives, as defined as rock excavation (a) rock or stone in original ledge; (b) hard shale in original ledge; (c) boulders over one cubic yard.
- B. When during the process of general excavation rock is encountered, uncover and expose it and notify the **Designer** before proceeding further. The areas in question shall then be cross-sectioned as specified. Any rock removed prior to notification to the **Designer** and the subsequent cross-sectioning shall be considered "general excavation" and unit price bid for rock excavation shall not apply.
- C. Carefully examine rock excavation for foundations and remove loose or shaken rock down to solid bearing; level the rock surface or shelf it to a slope not exceeding 1" per foot or, as directed, leaving no undrained pockets in the surface.
- D. Remove all excavated rock from the site and legally dispose of same.
- E. Blasting is not allowed

**END OF SECTION 01 22 00
UNIT PRICES**

- F. If any part of the rock excavation at footings is carried beyond the depth and the dimensions indicated on the Drawings or called for in the Specifications, the **Contractor** shall at his own expense furnish and install concrete of the same strength as footings to the required level. Where rock excavation is carried below depths and dimensions indicated or specified at other areas, the **Contractor** shall at his expense furnish and install compacted fill, as specified herein, to the required level.
- G. Method of Measurement: The quantity of rock excavation to be paid for by the **City** under this item will be the number of cubic yards of rock excavation measured in its original position.
- H. Payment lines for wall footings shall be vertical line 1 foot from the toe of the footings; the depth shall be measured at 6 inches below the bottom elevations shown on the Drawings.
- I. Payment lines for manholes and catch basins shall be 1 foot outside of the outerwalls and 6 inches below the bottom of the structure.
- J. Basis of Payment: The unit price bid per cubic yard for this item shall include the cost of furnishing all labor, materials and equipment necessary to complete the rock excavation work.

**END OF SECTION 01 22 00
UNIT PRICES**



NOTES:

CONTRACTOR NOT RESPONSIBLE FOR EXISTING CONDITIONS. THE ORIGINAL DRAWINGS WERE PROVIDED BY THE OWNER AND MODIFIED TO INCORPORATE AS-BUILT CONDITIONS ON THIS CONTRACT.

Feb 23 2016
DATE

MOON ISLAND & LONG ISLAND

IN BOSTON/QUINCY MASSACHUSETTS (SUFFOLK/NORFOLK COUNTY)

AS-BUILT

NOVEMBER 30, 2015

PREPARED FOR:

STV, INC
1 FINANCIAL CENTER
3RD FLOOR
BOSTON, MA 02111-2621

45 Shawmut Road
Canton, Massachusetts 02021
781 793 9988

SCALE: 1" = 40'

0 5 10 20 40 80 feet

PROJ. MGR.: K. CATANZARO		
FIELD: B. ERLE		
CALC./DESIGN:		
DRAWN: B. ERLE		
CHECK: K. CATANZARO		
FILE: As-Built UB CIP 14-91		
DWG. NO: 1	FILED:	SHEET
JOB. NO: 215005		1 OF 4

Survey Data Points Along Water Line - Moon Island				
Point	Description	Northing	Easting	Elevation
1	Tie-in	2937205.98	794733.70	10.37
2	Gate Valve	2937207.83	794734.31	11.35
3	Bend	2937210.96	794733.43	10.31
4	Bend	2937224.01	794721.39	10.53
5	Air Release Valve	2937226.66	794716.04	11.53
6	Bend	2937236.89	794693.65	8.70
7	Gate Valve	2937232.57	794685.58	11.43
8	Bend	2937231.50	794682.81	9.52
9	Reducer	2937239.12	794695.69	-7.86

Submarine Survey Data - Elevation Approximate			
Point	Northing	Easting	Elevation
S1	2937358.83	794937.44	-16.2
S2	2937465.00	795164.60	-16.0
S3	2937570.71	795389.75	-20.4

NOTE: Pipe from points 1 - 9 is 12" dia.
Ductile Iron and 16" dia. HDPE from points
9-10. Pipe from points 10-21 is 12" dia
Ductile Iron

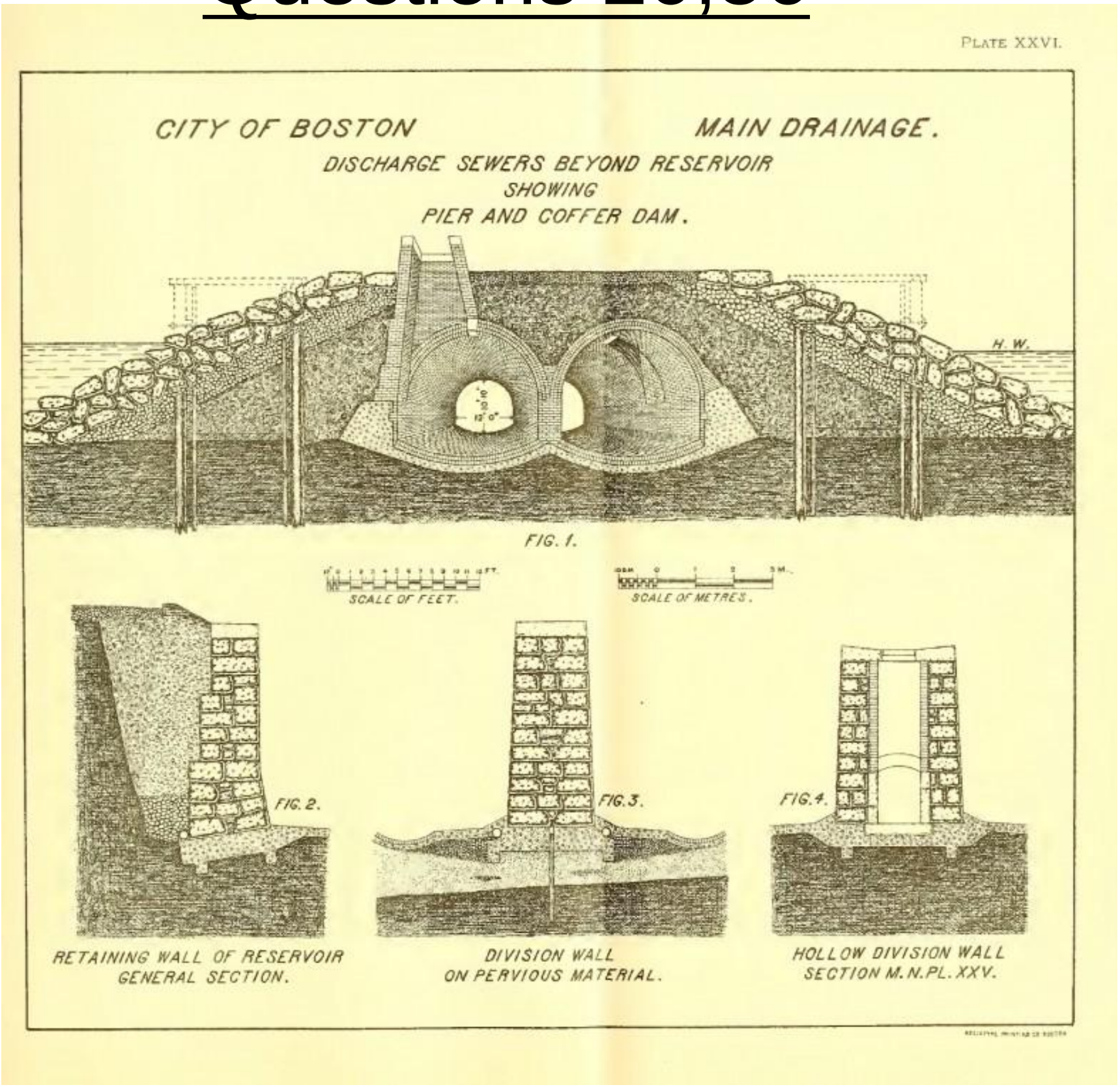
Question 54



Questions 17 &18



Questions 20,56



Designed: IJP
Drawn: JSF
Checked: ADP
Approved: CS
P.E. No: 58108
GEI Project 2502319



MOON ISLAND SEAWALL
BOSTON PFD
PROJECT: #7222

BOSTON, MA

0	8/11/2025	ISSUED FOR BID	
NO	DATE	ISSUE/REVISION	APP

SHEET NAME

PHOTOS/PLATE
Response to Questions

Exhibit D

MASSACHUSETTS
PUBLIC FACILITIES DEPARTMENT

2024 OCT 29 PM 3: 29



**Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands**

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

059-1545

MassDEP File #

eDEP Transaction #

Quincy

City/Town

A. General Information

Please note:
this form has
been modified
with added
space to
accommodate
the Registry
of Deeds
Requirements

1. From: Quincy
Conservation Commission
2. This issuance is for
(check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Kerrie

Griffin, Director

a. First Name

b. Last Name

City of Boston, Public Facilities Department

c. Organization

1010 Massachusetts Avenue (Anex)

d. Mailing Address

Boston

MA

02118

e. City/Town

f. State

g. Zip Code

4. Property Owner (if different from applicant):

5. Project Location:

0 Moon Island (Seawall)

Quincy

a. Street Address

b. City/Town

6088B

c. Assessors Map/Plat Number

d. Parcel/Lot Number

Latitude and Longitude, if known:

42.d.307m395s

-.70d989m453s

d. Latitude

e. Longitude

Important:
When filling
out forms on
the
computer,
use only the
tab key to
move your
cursor - do
not use the
return key.





Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 059-1545
 MassDEP File #

eDEP Transaction #
 Quincy
 City/Town

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):
 Norfolk
 a. County _____ b. Certificate Number (if registered land) _____
- c. Book _____ d. Page _____
7. Dates: August 18, 2023 September 4th, 2024 10/21/2024
 a. Date Notice of Intent Filed b. Date Public Hearing Closed c. Date of Issuance
8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):
Moon Island Seawall
 a. Plan Title _____
Collins Engineers, Inc. Ryan McCoy
 b. Prepared By c. Signed and Stamped by _____
August 2023 Varies
 d. Final Revision Date e. Scale _____
- f. Additional Plan or Document Title _____ g. Date _____

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:
- Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:
- a. ☐ Public Water Supply b. ☐ Land Containing Shellfish c. ☐ Prevention of Pollution
 d. ☐ Private Water Supply e. ☐ Fisheries f. ☐ Protection of Wildlife Habitat
 g. ☐ Groundwater Supply h. ☐ Storm Damage Prevention i. ☐ Flood Control
2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

- a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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B. Findings (cont.)

Denied because:

- b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**
- c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**
3. ☐ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☐ Bank	<u> </u> a. linear feet	<u> </u> b. linear feet	<u> </u> c. linear feet	<u> </u> d. linear feet
5. ☐ Bordering Vegetated Wetland	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
6. ☐ Land Under Waterbodies and Waterways	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
	<u> </u> e. c/y dredged	<u> </u> f. c/y dredged		
7. ☐ Bordering Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
Cubic Feet Flood Storage	<u> </u> e. cubic feet	<u> </u> f. cubic feet	<u> </u> g. cubic feet	<u> </u> h. cubic feet
8. ☐ Isolated Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet		
Cubic Feet Flood Storage	<u> </u> c. cubic feet	<u> </u> d. cubic feet	<u> </u> e. cubic feet	<u> </u> f. cubic feet
9. ☐ Riverfront Area	<u> </u> a. total sq. feet	<u> </u> b. total sq. feet		
Sq ft within 100 ft	<u> </u> c. square feet	<u> </u> d. square feet	<u> </u> e. square feet	<u> </u> f. square feet
Sq ft between 100-200 ft	<u> </u> g. square feet	<u> </u> h. square feet	<u> </u> i. square feet	<u> </u> j. square feet



Massachusetts Department of Environmental Protection
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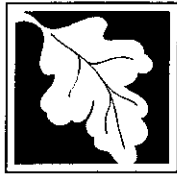
Provided by MassDEP:
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 Quincy
 City/Town

B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☒ Coastal Beaches	310 a. square feet	310 b. square feet	cu yd c. nourishment	cu yd d. nourishment
14. ☐ Coastal Dunes	a. square feet	b. square feet	cu yd c. nourishment	cu yd d. nourishment
15. ☒ Coastal Banks	1,650 a. linear feet	1,650 b. linear feet		
16. ☒ Rocky Intertidal Shores	730 a. square feet	730 b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
19. ☒ Land Containing Shellfish	73,000 Temp	73,000 Temp	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☒ Land Subject to Coastal Storm Flowage	32,500 a. square feet	32,500 b. square feet		
22. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet



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B. Findings (cont.)

* #23. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. ☐ Restoration/Enhancement *:

a. square feet of BVW

b. square feet of salt marsh

24. ☐ Stream Crossing(s):

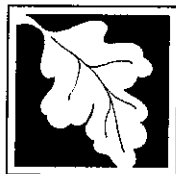
a. number of new stream crossings

b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. The work is a maintenance dredging project as provided for in the Act; or
 - b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
 - c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on 10/21/2027 unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.



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C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
10. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 059-1545 "
11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.
12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
13. The work shall conform to the plans and special conditions referenced in this order.
14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.
19. The work associated with this Order (the "Project")
 - (1) ☒ is subject to the Massachusetts Stormwater Standards
 - (2) ☐ is NOT subject to the Massachusetts Stormwater Standards

If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

- a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
- b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
 - i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
 - ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
 - iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;



**Massachusetts Department of Environmental Protection
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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement") for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 19(f) through 19(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 19(f) through 19(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 059-1545

MassDEP File #

eDEP Transaction #

Quincy

City/Town

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

- g) The responsible party shall:
 - 1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
 - 2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
 - 3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.
- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.
- l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):

- 20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

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City/Town

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☒ No
2. The Conservation Commission hereby finds (check one that applies):

- a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

1. Municipal Ordinance or Bylaw

2. Citation

Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

- b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

Wetlands Protection

1. Municipal Ordinance or Bylaw

Ch 349

2. Citation

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):

1. A copy of the Order of Conditions and Approved Plans shall be on-site during all operations.

2. Prior to any activity on site, the Applicant shall inform the Commission of the Name and Contact information of the on-site Construction Supervisor as well as the start date of the project.

3. Erosion and sediment control shall be maintained at all times and not removed until approved by the Commission.

4. Comply with comment letters from all City Departments; All DEP & Commission Requests

5. Please see the additional attached conditions (4pages)



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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eDEP Transaction #

Quincy

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E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

Please indicate the number of members who will sign this form.

This Order must be signed by a majority of the Conservation Commission.

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

10/21/2024

1. Date of Issuance

4

2. Number of Signers

Jeffrey Graeber (NC)

Signature

Chair, Jeffrey Graeber

Printed Name

Maureen Glynn (NC)

Signature

Vice Chair, Maureen Glynn

Printed Name

Signature

E. James Iorio

Printed Name

Signature

James Martin

Printed Name

Signature

Christopher Keenan

Printed Name

Karen Giovanniello (NC)

Signature

Karen Giovanniello

Printed Name

Keelin Bogart Ciccariello (NC)

Signature

Keelin Bogart Ciccariello

Printed Name

Signature

Printed Name

☐ by hand delivery on

☒ by certified mail, return receipt requested, on

October 21st, 2024

Date

Date



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 059-1545

MassDEP File #

eDEP Transaction #

Quincy

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F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

059-1545

MassDEP File #

eDEP Transaction #

Quincy

City/Town

G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Quincy

Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

Quincy

Conservation Commission

Please be advised that the Order of Conditions for the Project at:

0 Moon Island (Seawall)

Project Location

059-1545

MassDEP File Number

Has been recorded at the Registry of Deeds of:

Norfolk

County

Book

Page

for: The City of Boston

Property Owner

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

October 21st, 2024

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant

SPECIAL CONDITIONS FOR ORDER OF CONDITIONS**Quincy Conservation Commission NOI # **-****

-
21. The Applicants contractor(s) responsible for the project's completion shall be notified of and shall be held accountable to the requirements of this Order. A copy of this Order, the Notice of Intent, plans, and all supporting exhibits shall be retained on-site while activities regulated by this Order are being performed.
22. This Order shall be contingent upon the Applicant obtaining all other required local, state and federal permits from other boards and permitting authorities. No site construction work shall occur until all other applicable permits and approvals have been obtained, including, but not limited to Quincy Conservation Commission, DEP's Chapter 91 License, USACOE Pre-construction Certificate, Quincy Zoning Board, Mass Historic review, Quincy Tree Protection Ordinance, and if triggered, the MA Environmental Policy Act.
23. The Applicant shall inform the QCC in writing via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, of the name, address, business, and cell phone numbers of the project supervisor who will be responsible for ensuring on-site compliance with this Order.
24. Prior to the start of Construction, the Applicant shall submit to the QCC, an analysis of wave reflection – refraction that documents no impacts to the coastal beach and any shellfish areas resulting from the proposed work.
25. The limits of work line, or no disturbance line, must be installed prior to the commencement of any construction or other approved activities.
26. A finalized construction schedule and estimated timeline for all specified work under this Order shall be submitted in writing to the QCC via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, prior to the Site Construction Phase. All work shall be completed in accordance with this schedule, and any delays shall be communicated to the QCC via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov.
27. The Applicant shall submit to the Director of Inspectional Services a construction management plan that includes the locations of stockpile and/or staging areas for construction equipment and materials. The Applicant shall also address construction period traffic impacts by providing a detailed sequence of construction and addressing any space constraints and detailing how they will be addressed as construction progresses.
28. Prior to the start of construction, the Applicant shall consult with the Shellfish Constable(s) to review the methods the contractor will take to protect the approximate 73,000 square feet of land containing shellfish. During the period of construction, monthly inspection reports prepared by a marine biologist knowledgeable in the protection of shellfish habitat, shall be submitted to the QCC and the Quincy Shellfish Constable via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov.
29. The Neponset River Estuary is designated by the Commonwealth of MA as an Area of Critical Environmental Concern (ACEC), upstream from the project site. The Applicant shall be responsible for adhering to any construction limitations due to regulations prohibiting work from impacting fishery and/or wildlife habitat that includes but is not limited to seasonal fish spawning runs.

30. An onsite meeting with a representative from the QCC is required with the project manager or engineer prior to the commencement of any construction, work activities, or alterations at this site at which meeting this Order is to be reviewed by the supervising professionals with the QCC representative.
31. The Applicant and/or the Applicants contractor must contact the QCC via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, explaining the timing and the nature of the activities to be performed, delivered at least 48 hours prior to the commencement of approved activities described in the application. If such notice is not received as set forth herein, the work will be subject to a stop-work order. The purpose of this notice provision is to insure the city is aware of the timing and nature of the work being performed
32. A Comprehensive electronic photo file of the construction work area shall be submitted to the QCC via an electronic file delivered to Rconlon@quincyma.gov and Nconners@quincyma.gov, before work activities commence, and a second electronic photo file submitted after work activities are completed.
33. All approved temporary erosion/sedimentation controls must be completely and properly installed before the commencement of any work considered to be approved activities at the site. The erosion controls must be inspected on a daily basis, and maintained or replaced as necessary. The Applicant must notify the QCC in writing via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, to request an inspection of the erosion controls prior to the commencement of approved activities and photographs of the installed erosion controls must be submitted to the QCC. Erosion controls must be maintained at the site.
34. Tree protection guards and/or barriers shall be installed as necessary around all trees proposed to remain within the limit of work. All barriers shall be inspected by a QCC representative prior to commencement of any site work. The tree barriers shall be installed at least 5' from the tree dripline.
35. Any trees proposed to remain shall be marked accordingly within the limit of work.
36. All plantings associated with this project must survive three full growing seasons or be replaced by the Owner, at its sole cost and expense.
37. No work activity, including the cutting of vegetation, shall take place in a wetland resource area or buffer zone other than that specifically allowed under this Order of Conditions.
38. Any damage to any wetland resource area or buffer zone, as a result of the proposed work, or any other activities, shall be immediately mitigated and repaired. The applicant shall immediately notify the QCC via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, of such damages and of the intended repair plan.
39. During the construction or other approved activities for this project, an on-site foreman, directing engineer, or designated construction manager for the Applicant shall have a copy of this Order and the approved plans referenced herein at the site, shall familiarize him/herself with all the conditions of this permit, and shall adhere to said conditions. The excavating (sub)contractor shall also have a copy of this Order at the site and shall familiarize him/herself with all the conditions of this permit and shall adhere to said conditions.
40. All construction or other approved activities must comply with the above referenced approved plans and this Order of Conditions. For any proposed change in the approved plans or in the work, the applicant shall file a new Notice of Intent or inquire, in writing, of the QCC whether the change is substantial enough to require a new Notice of Intent. No change in the plans or work activities, under this

filing, is permissible without prior approval from the QCC.

41. All disturbed soils at this site must be loamed and seeded in order to establish permanent ground cover, to protect against erosion and/or surface runoff at the site.
42. The applicant shall immediately notify the QCC of any damages to any wetlands resource area of buffer zone and of the intended repair plan to immediately mitigate and repair such damage.
43. No construction equipment, vehicles, or barges are permitted beyond the limit of seawall in the wetlands resource areas during construction of the seawall or at any other time. Alternatively, construction may be accomplished from a barge provided the barge does not ground out at any time. Quincy Harbormaster Lt. Bob Gillan rgillan@quincyma.gov will be conducting routine water based inspections during construction, to ensure that barges do not ground out on the mud flats/shellfish areas. Enforcement will be taken if grounding of barges is discovered.
44. The Applicant shall keep a clean construction site. If a dumpster is kept on site, it shall always be covered and shall not be stored in any wetland resource areas or buffer zones. No portable toilets are allowed within any wetland resource areas.
45. If during the course of construction, it is determined that the any areas of the base course of the wall are unstable, the Applicant shall notify the QCC via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, explaining the instability issue(s). The QCC, in its sole discretion shall determine whether and what remedial work is required and whether an amended order or a new order is required.
46. The Applicant's contractor shall construct, and later open, the seawall in stages to minimize adverse impacts, including – but not limited to -erosion.
47. If during the course of construction, it is determined that “support of excavation” is required, the applicant and its engineer shall notify the QCC in writing via email directed to Rconlon@quincyma.gov and Nconners@quincyma.gov, of the proposed stabilization method.
48. The contractor shall secure the work area prior to any impending storms with predicted high tides or storm surge that will impact the active construction area. During construction, Quincy Harbormaster Lt. Bob Gillan rgillan@quincyma.gov shall be notified 72 hrs prior to impending storms.
49. After all storm events, the Applicant and Supervising Contractor shall inspect the site erosion control barriers and immediately restore damaged/misplaced/eroded barriers.
50. The Applicant shall provide semiannual reports, in writing, to the QCC describing in detail the progress of the project. If the project is not completed by the date of expiration of this Order of Conditions, the owner or representative shall provide the QCC with a written explanation as to why this is the case.
51. Prior to the completion of construction, any landscaping shown on the plans shall be completed. It shall be the responsibility of the owner(s) of the site to ensure that all vegetation and landscaping is maintained in a healthy condition and that any dead or dying materials be replaced at the earliest appropriate season. Any violation of this condition shall be considered a violation of this Order and of the City of Quincy Zoning Ordinance and may subject to enforcement activities.
52. The QCC, has relied solely upon the data and representations made by the Applicant and its agents in preparing and issuing the Order of Conditions. Any discrepancies, error, or omissions

discovered may result in revocation, suspension, or modification of this Order.

53. The October 1, 2024 "Moon Island Seawall Independent Peer Review Responses" by Collins Engineers shall be incorporated into this Order.

54. Upon completion of construction, the Applicant shall submit to the Department of Public Works a stamped affidavit from a Registered Professional Engineer that all utilities (water, sewer, and drainage) were constructed as designed and no illicit connections are found on the completed project site.

55. When the project under this Order of Conditions for the Notice of Intent has been completed, the Applicant shall immediately file a Request for a Certificate of Compliance on the Massachusetts Department of Environmental Protection, Wetlands Protection Act Form 8A (WPA Form 8A). The owner or representative shall submit two "Record Drawings" to the QCC upon completion of this project together with a digital file in AutoCAD format. The plans shall be marked "Record Drawings" and be signed by a Professional Engineer and Professional and Surveyor, registered in the Commonwealth of Massachusetts, who shall certify that the work has been done in accordance with the approved plans and the Order of Conditions. The Record Drawings shall be converted to the Mass State Plane horizontal coordinate system. The Record Drawings shall also include a statement by the certifying structural engineer that the base course of the granite block wall was inspected and determined to be stable. These plans must be submitted prior to the issuance of a Certificate of Compliance by the QCC. The QCC or its representative will conduct an inspection of the property to ensure compliance with the Order of Conditions prior to issuing a Certificate of Compliance.



Department of Environmental Protection

100 Cambridge Street Suite 900 Boston, MA 02114 • 617-292-5500

Maura T. Healey
Governor

Kimberley Driscoll
Lieutenant Governor

Rebecca L. Tepper
Secretary

Bonnie Heiple
Commissioner

September 26, 2025

Boston Public Facilities Department, James Sessum, Project Manager
C/o Alyssa Richard, GEI Consultants, Inc.
124 Grove Street, Suite 300
Franklin, MA 02038

Re: Administrative Request No. 25-WWAR-0083-APP — Request for Maintenance and Minor Project Modification to Chapter 91 License Nos. 2099 (HLC) and 11508 (DEP); 0 Moon Island Road, Filled and Flowed Tidelands of Boston Harbor (Quincy Bay), Quincy, Norfolk County

Dear Mr. Sessum:

The Massachusetts Department of Environmental Protection Waterways Regulation Program (the “Department”) has reviewed the request for a Maintenance and Minor Project Modification pursuant to 310 CMR 9.22(1) and (3)(a) to repair the existing previously authorized seawalls and revetment, and install a splash wall on Moon Island within Filled and Flowed Tidelands of Boston Harbor (Quincy Bay) at 0 Moon Island Road in the City of Quincy, Norfolk County (the “project site”). The request includes the following:

- Project Description, dated September 12, 2025
- Drawings titled “*Plan Accompanying Petition of the Boston Public Facilities Department for the Repair of an Existing Seawall, Installation of an Upland Splash Wall and Repair of a Revetment and Culverts within Quincy Bay At Moon Island In Quincy, Massachusetts*”, 11 Sheets, dated August 29, 2025, depicting overall existing conditions and proposed conditions; stamped by Chetan Swarn, Massachusetts P.E. No. 58108.
- Chapter 91 License No. 2099 issued by the Harbor and Land Commissioners on February 10, 1898, authoring original filling and construction of the northern seawall and retaining wall and embankment on the southern side of Moon Island.
- Chapter 91 License No. 11508 issued by the Department of Environmental Protection on November 8, 2006, authoring construction of a firefighting training facility and associated structures including a drainage system, existing riprap, and outfall.

The previously authorized seawall and revetment including the existing brick outfalls are still functioning but are in need of repair and stabilization due to direct exposure to tidal action and erosion. The following work is proposed to repair/stabilize the seawall and revetment on the project site:

- Repair of 254 linear feet of the seawall within approximately 800 square feet of the area (at stations 6+40 – 7+30, 8+30 – 9+10, and 9+35 – 10+58.7) with similar size and materials,

Maintenance and Minor Project Modification, 0 Moon Island Road, Boston Harbor (Quincy Bay), Quincy, Norfolk County

resetting stones, reinstalling armor stones, excavation if necessary to anchor the toe of the seawall, reinforcing the seawall using salvaged large stones, chinking stone infill, and drilling dowel connections

- Repair of revetment by excavating the existing revetment and demolishing the existing brick outfalls, replacing the outfall with three-sided box culverts at existing grade, which will be covered with a cast-in-place concrete headwall, along the shoreline at the toe of the wall, installing revetment consisting of a graded filter stone layer overlain with armor stone within a toe trench
- Construction of approximately 1,600 linear feet by 1 foot 4 inches splash wall on the upland side of the seawall using cast-in-place reinforced concrete excavation and preparation of the wall footing, placement of formwork, installation of reinforcing steel and placing concrete, and backfill to restore adjacent grade

The repairs will be completed within the footprint of the existing seawall and revetment and will not alter the dimensions/specifications of the seawall (i.e. elevations and footprint) or the use of the Licensed structures. The splash wall will be constructed within the footprint of the existing fill. The proposed work will have no impact on navigation and water-dependent use onsite or offsite.

Based on the Department's review of historic Chapter 91 Licenses, existing site conditions and the proposed work described in the documents submitted and listed above, the Department hereby determines that the proposed activities are confined to the footprints of licensed structures and fill being altered and represent an insignificant deviation from the original specifications, in terms of size, configuration, materials, and other relevant design or fabrication parameters. Therefore, the proposed repair work complies with the Maintenance and Minor Project Modification provisions pursuant to 310 CMR 9.22(1) and (3)(a) and may proceed without further authorization under M.G.L. Chapter 91 and 310 CMR 9.00.

All proposed work must conform to and be consistent with all submitted documentation and the plans attached hereto. Please be advised that prior to commencement of the activities approved herein, all applicable local, State, and Federal approvals must be obtained. Please contact the Department at dep.waterways@mass.gov if there are any questions.

Sincerely,



Daniel J. Padien
Program Chief
Waterways Regulation Program

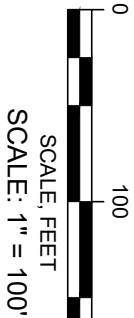
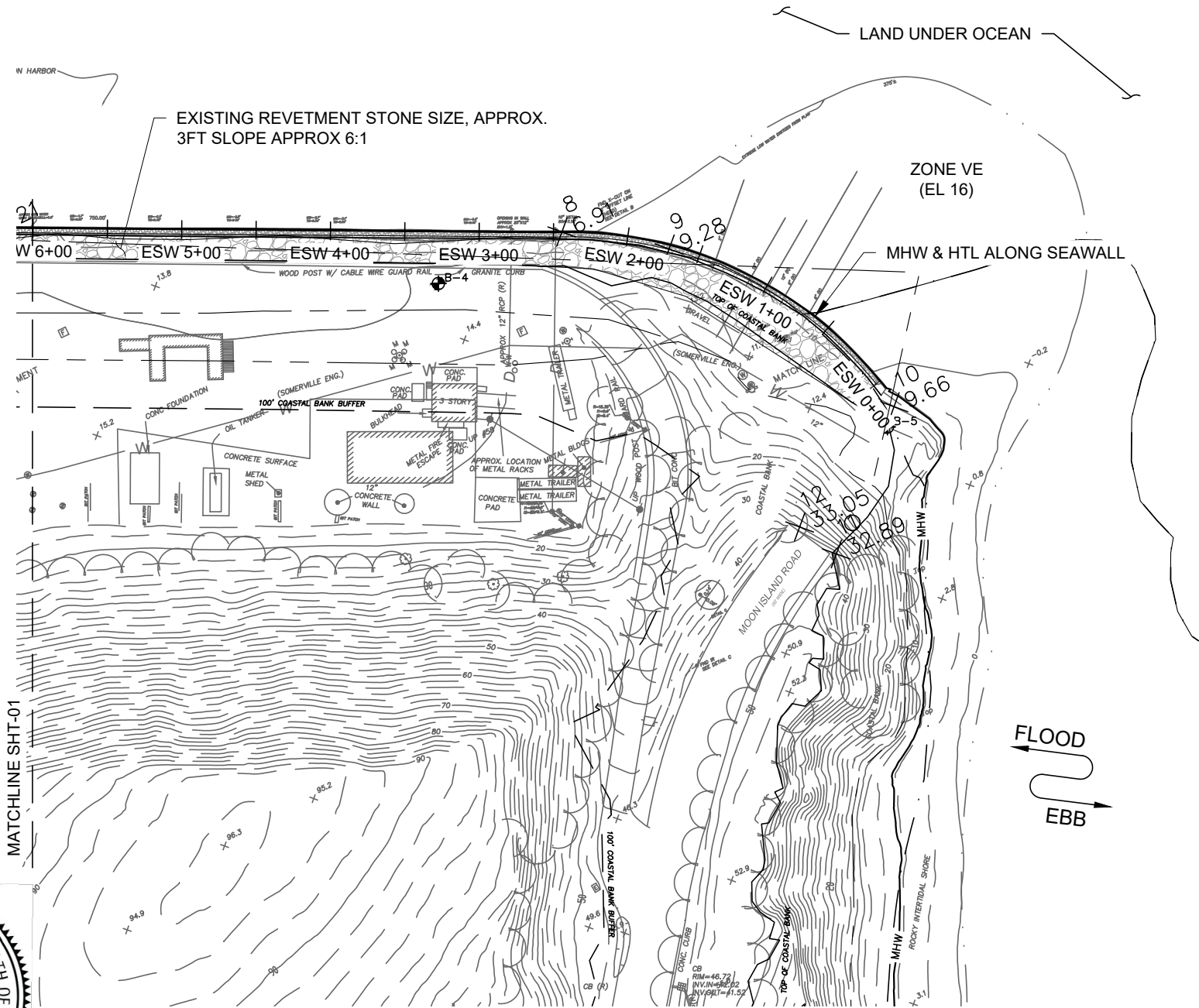
cc: Quincy Conservation Commission
Quincy Harbormaster
James Sessum, Boston Public Facilities Department

encl: Project Plans (11 sheets)

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

CHETAN SWARN, PE.

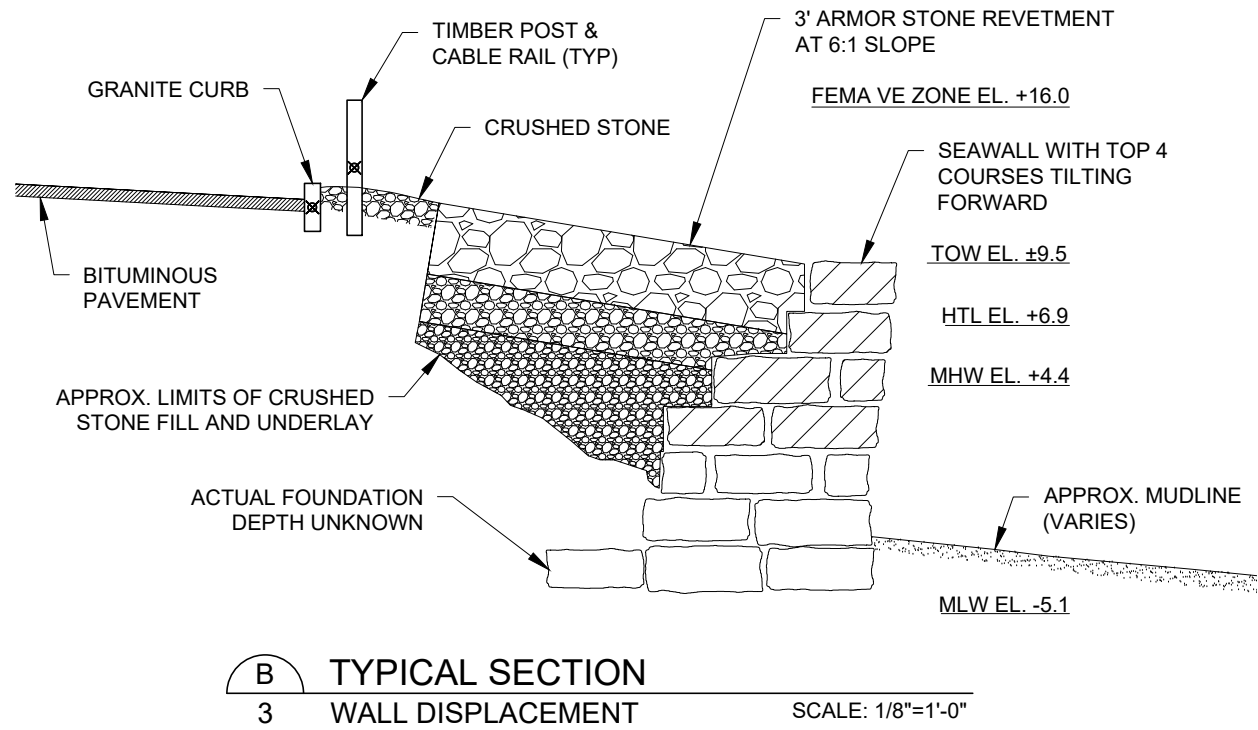
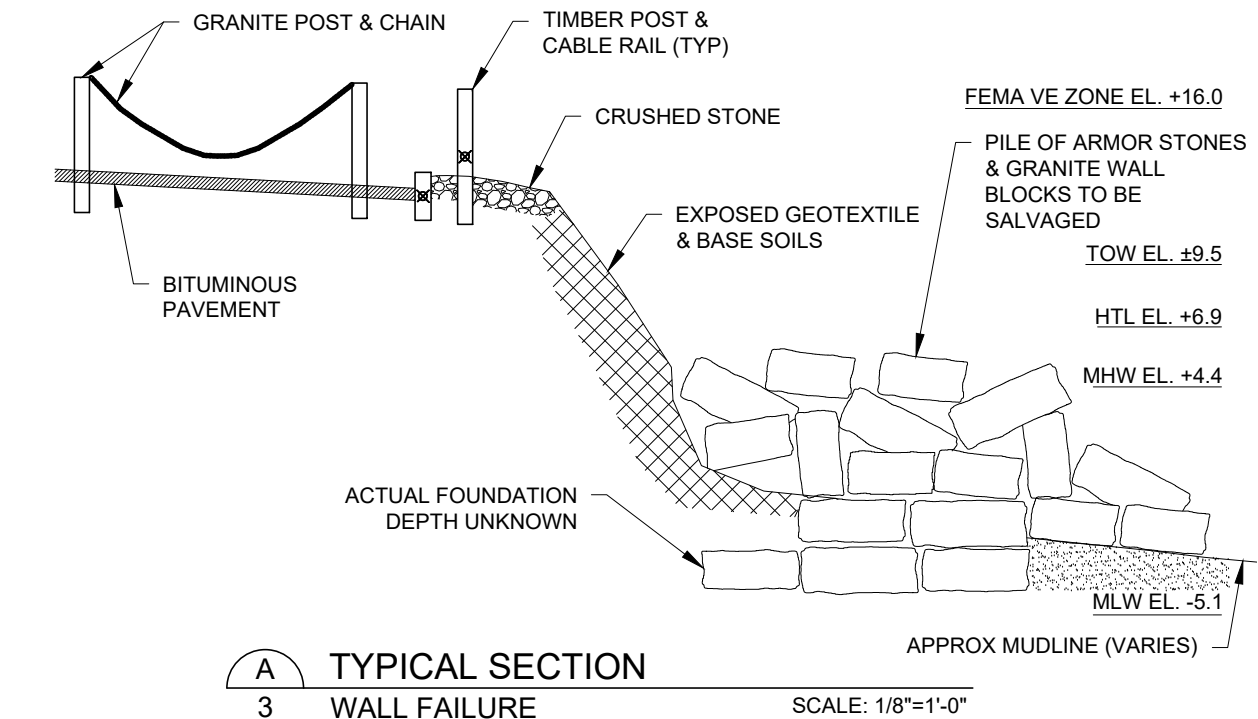
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EXISTING CONDITIONS
SHEET 2 OF 11
AUGUST 29, 2025

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EXISTING SECTIONS
SHEET 3 OF 11
AUGUST 29, 2025

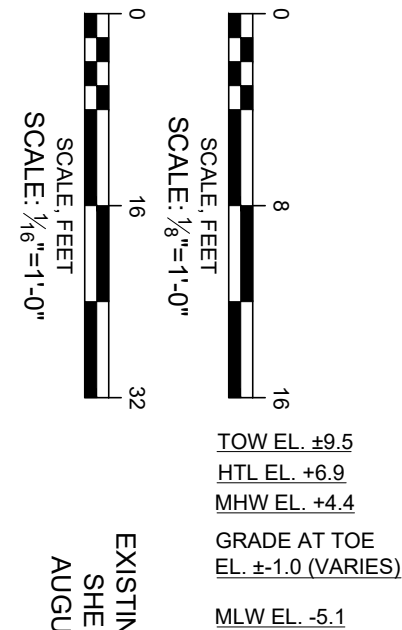


CHETAN SWARN, PE.

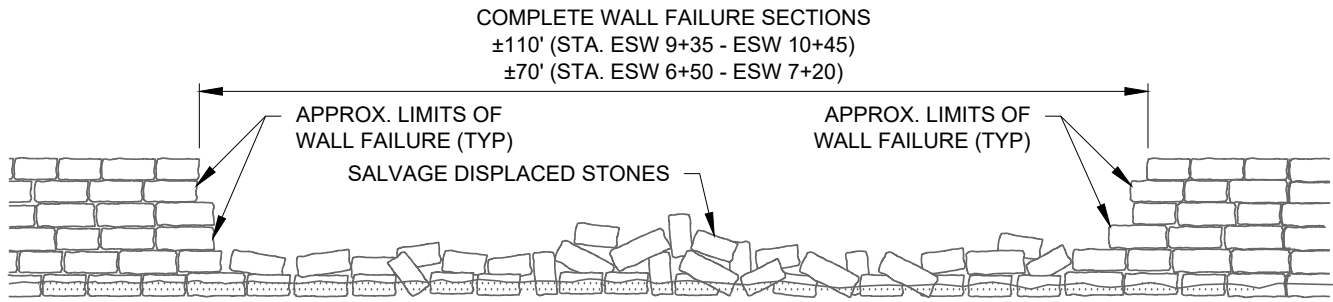
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I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

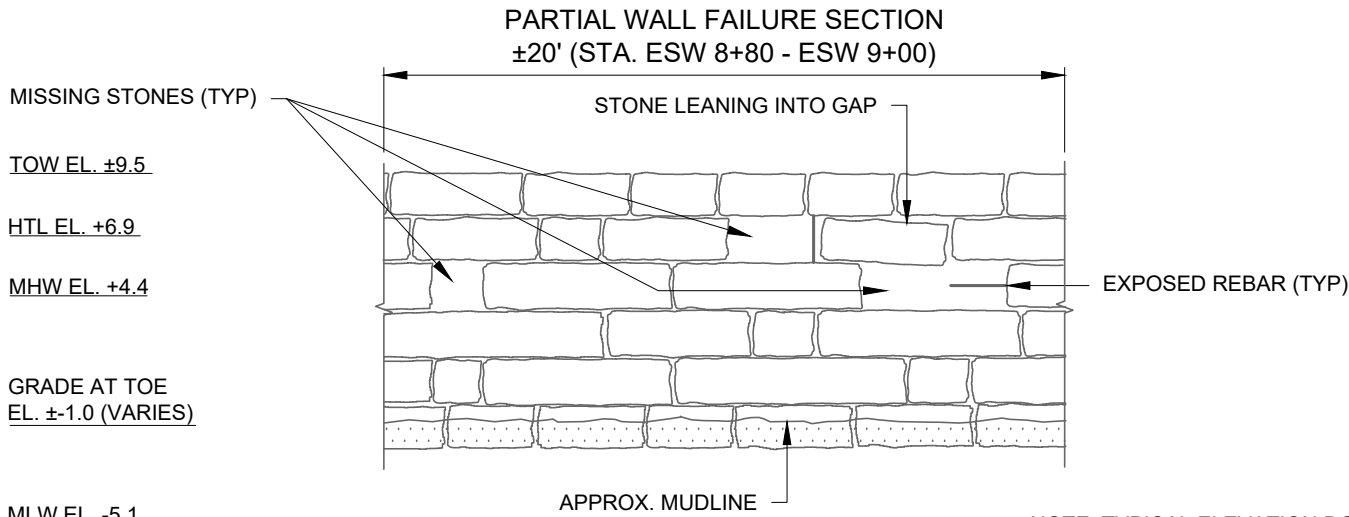


EXISTING SECTIONS
SHEET 4 OF 11
AUGUST 29, 2025



NOTE: TYPICAL ELEVATION DOES NOT DEPICT ALL EXISTING WALL FAILURE CONDITIONS.

A ELEVATION
4 COMPLETE WALL FAILURE SCALE: 1/16"=1'-0"



NOTE: TYPICAL ELEVATION DOES NOT DEPICT ALL EXISTING WALL FAILURE CONDITIONS.

B ELEVATION
4 PARTIAL WALL FAILURE SCALE: 1/8"=1'-0"

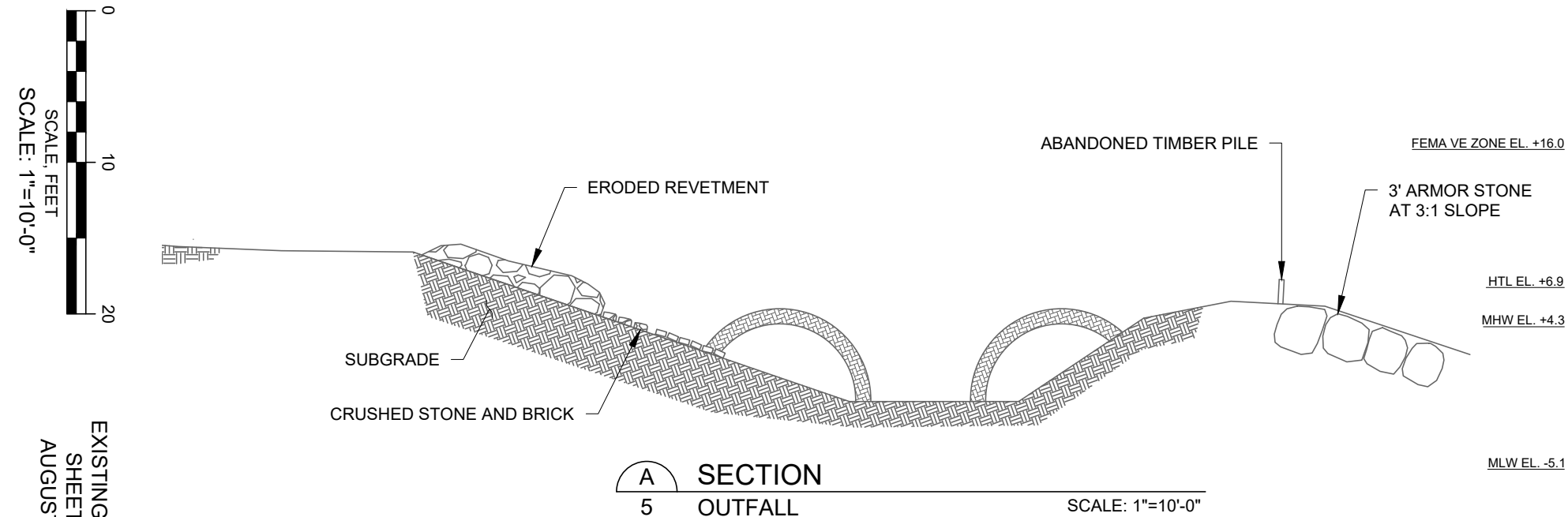


CHETAN SWARN, PE.

DATE

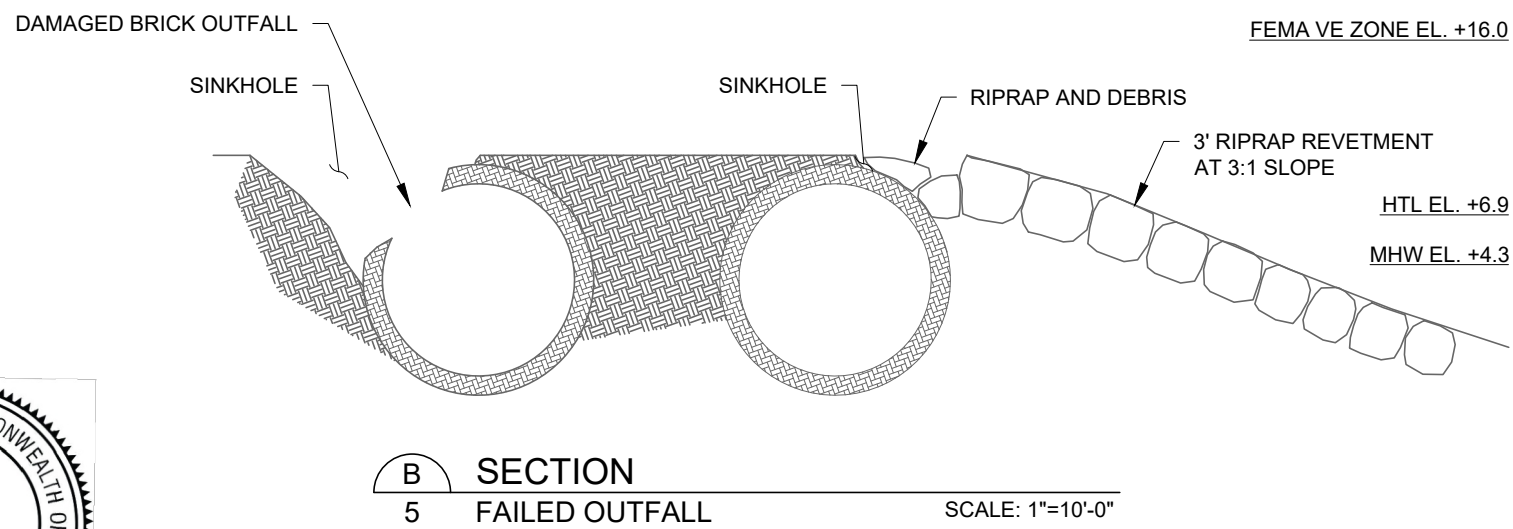


I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.



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SCALE, FEET
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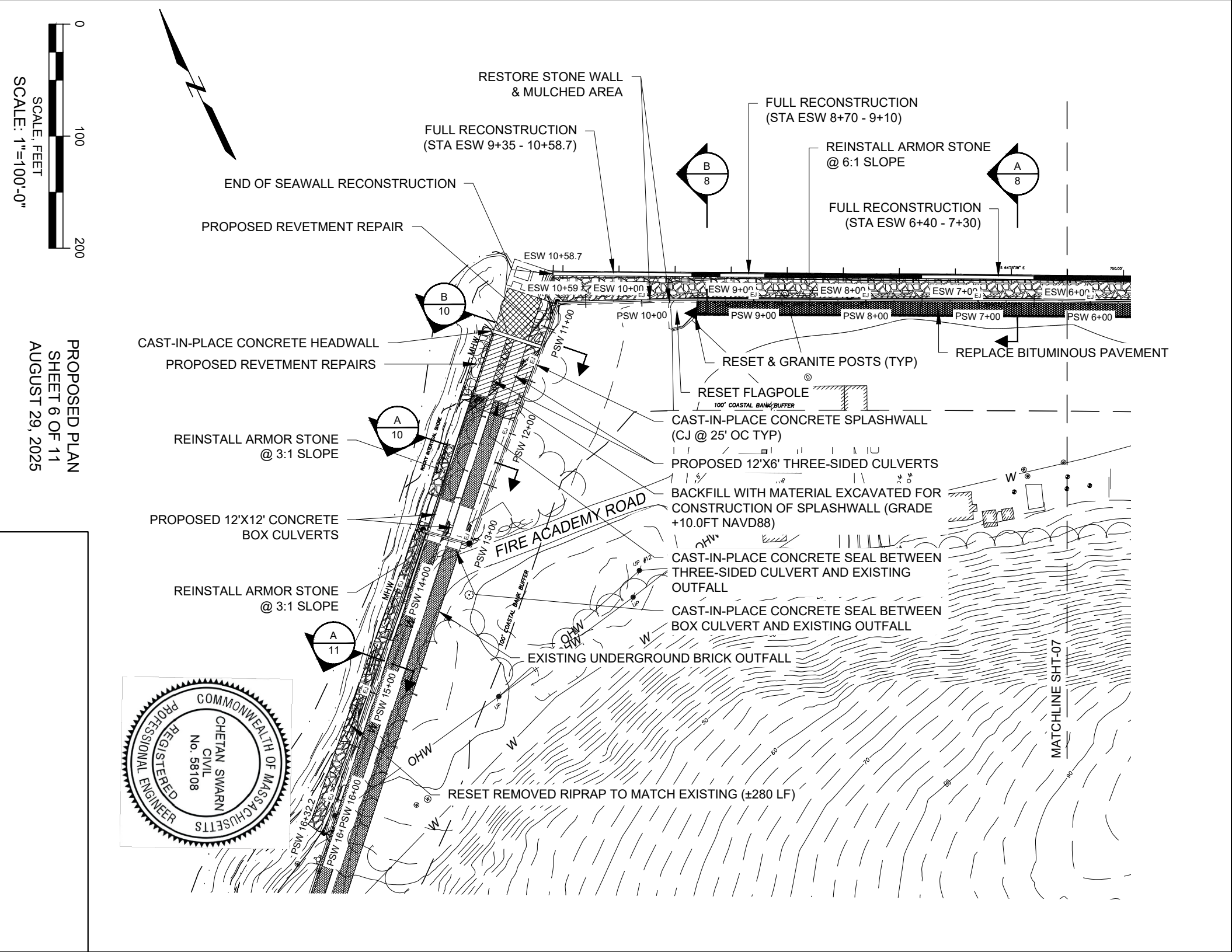
EXISTING SECTIONS
SHEET 5 OF 11
AUGUST 29, 2025



I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

CHETAN SWARN, PE.

DATE

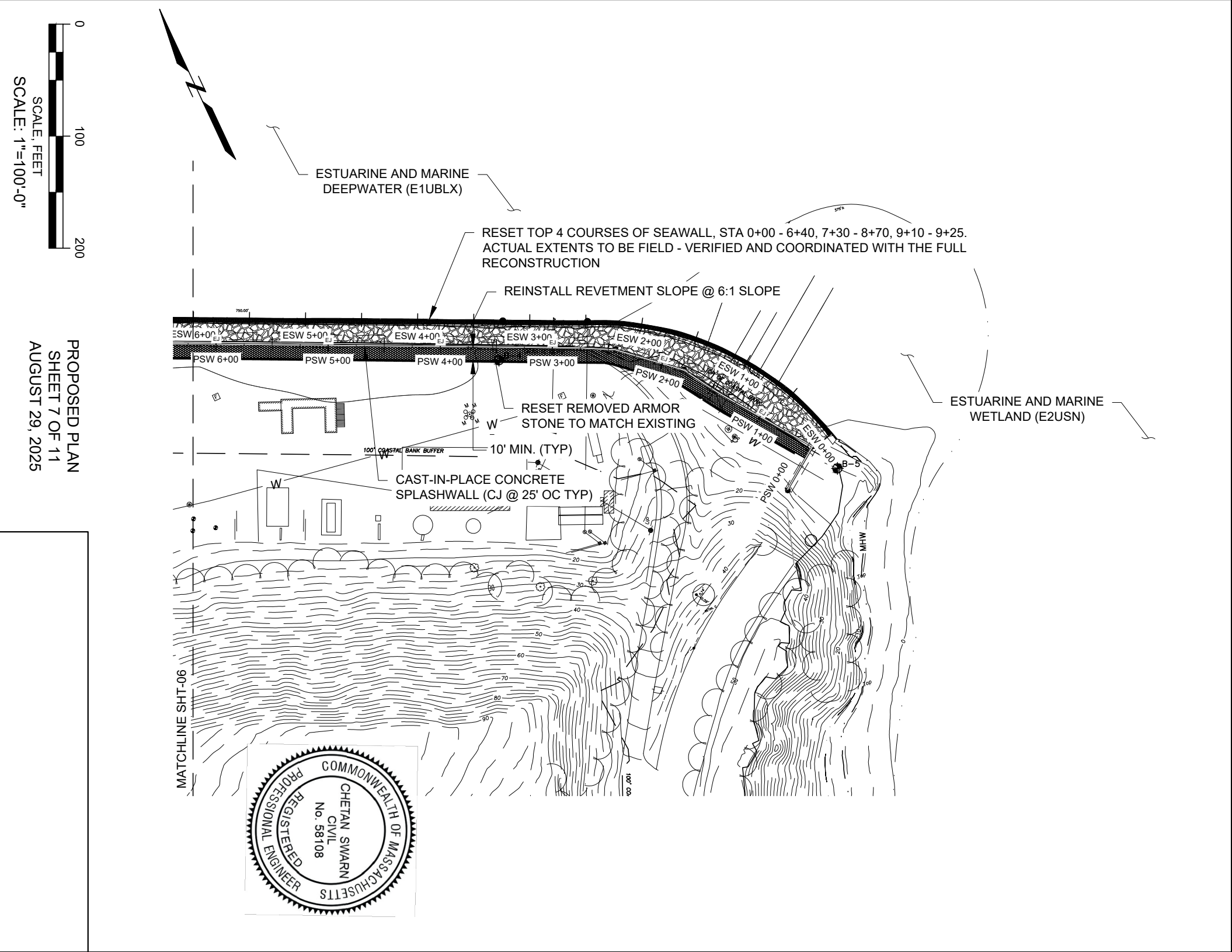


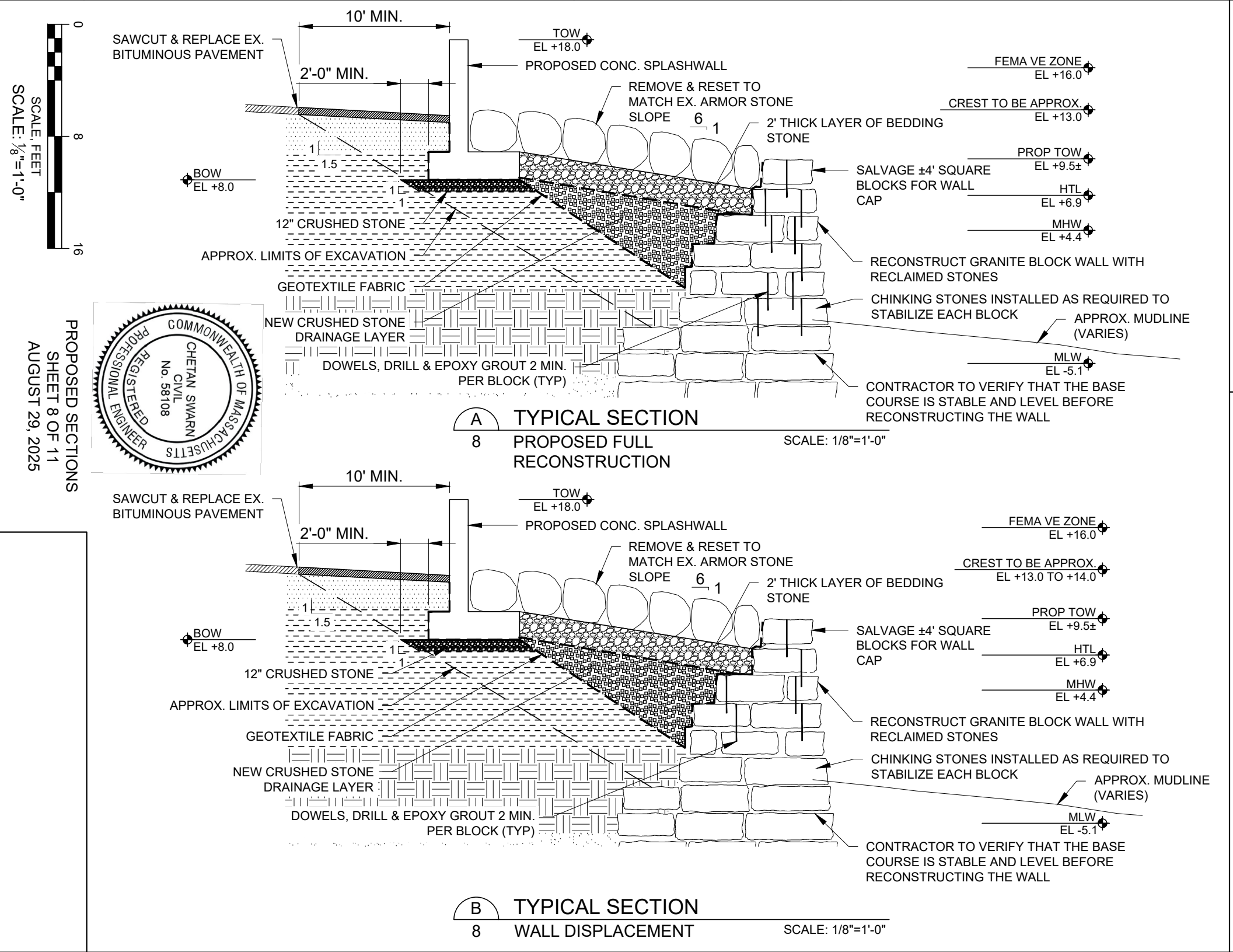
CHETAN SWARN, PE.

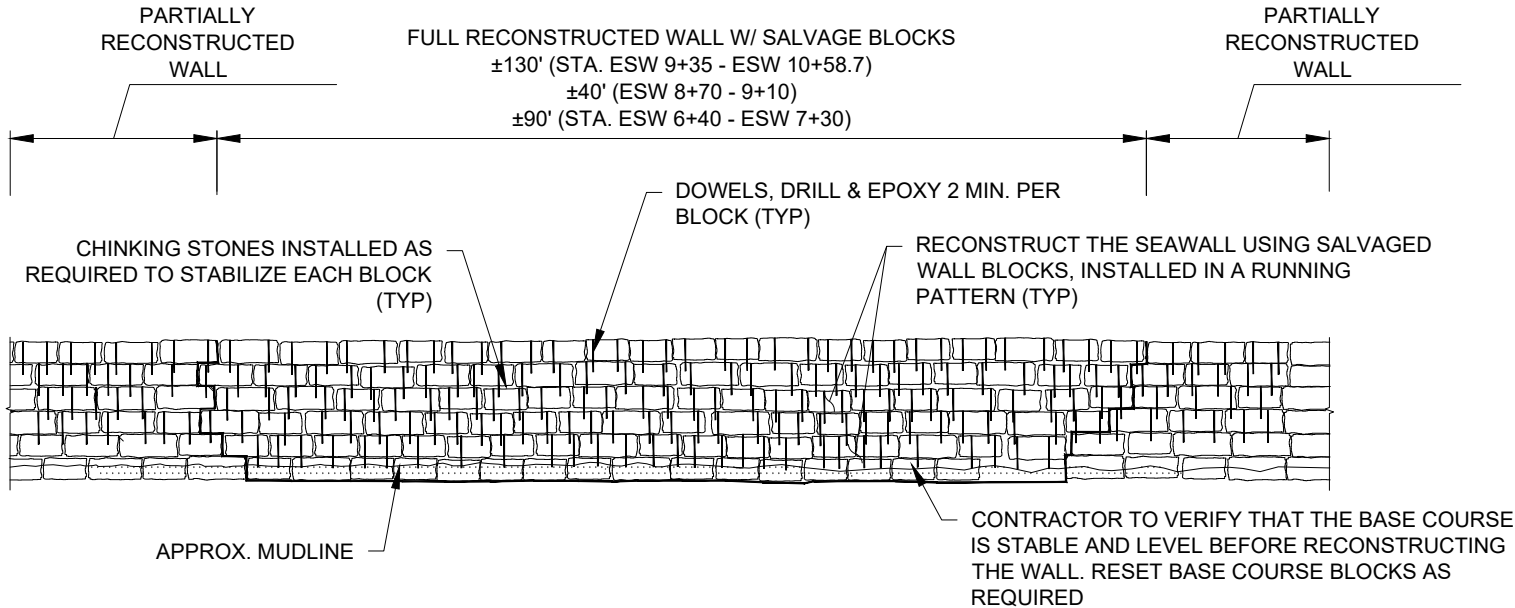
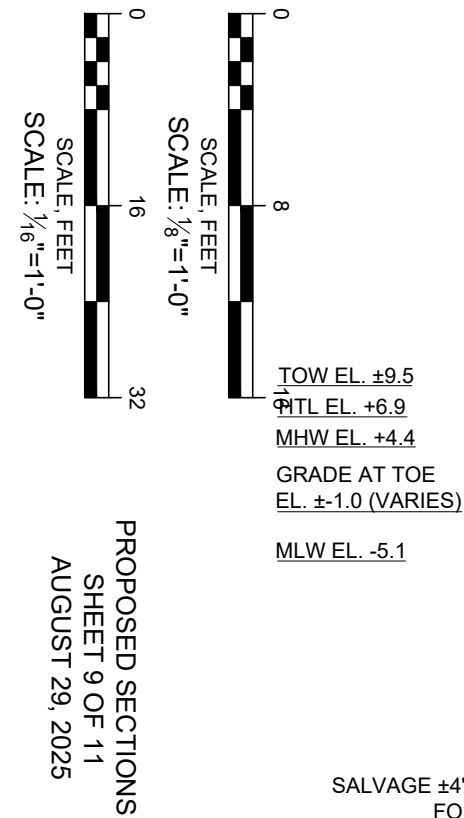
DATE

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

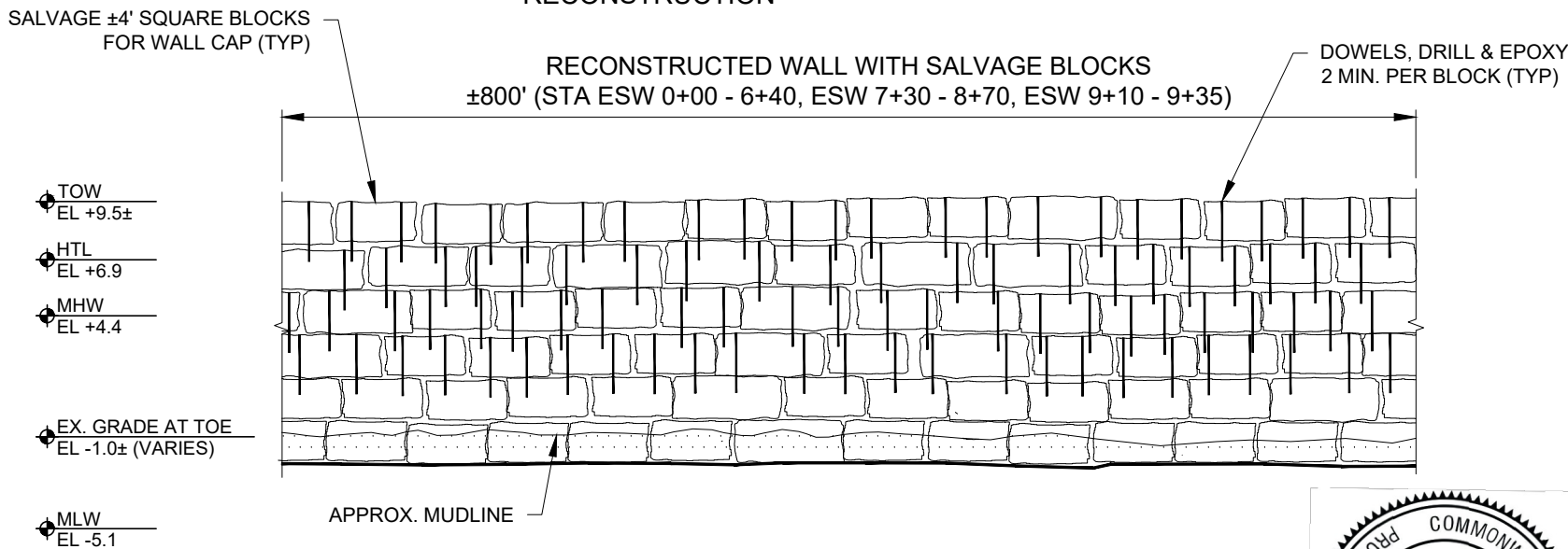








A ELEVATION
9 PROPOSED FULL RECONSTRUCTION
SCALE: 1/16"=1'-0"



B ELEVATION
9 PROPOSED PARTIAL RECONSTRUCTION
SCALE: 1/8"=1'-0"

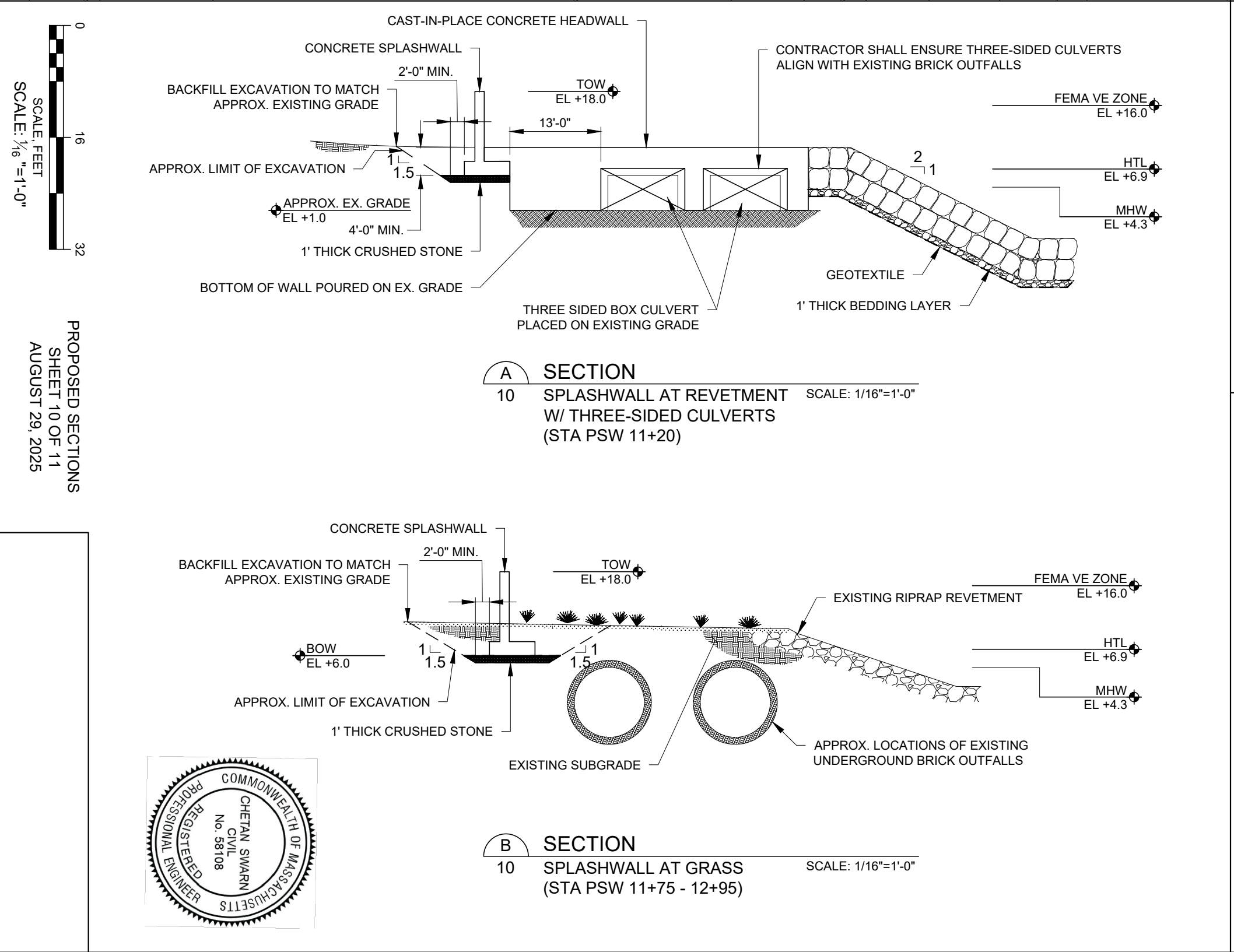


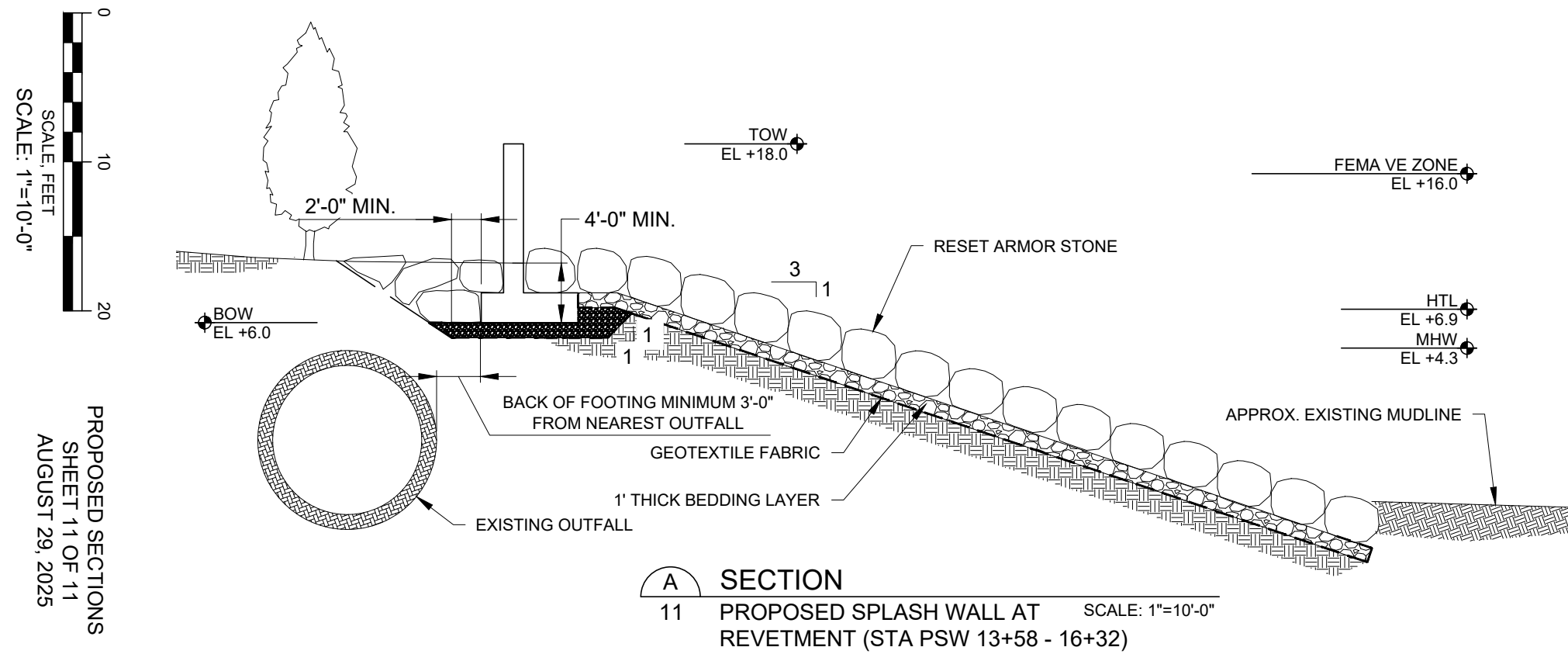
CHETAN SWARN, PE.

DATE



I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.





CHE TAN SWARN, P.E.

DATE _____

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

