



MASSACHUSETTS WATER RESOURCES AUTHORITY

Chelsea Facility
2 Griffin Way
Chelsea, Massachusetts 02150

Telephone: (617) 242-6000
Facsimile: (617) 305-5990

Frederick A. Laskey
Executive Director

November 6, 2025

Elena Itämeri
Boston Conservation Commission
1 City Hall Square, Room 709
Boston, MA 02125

Re: Notice of Intent Submission for the Charlestown Pump Station Seawall Repair Project in Charlestown, Massachusetts

Dear Ms. Itämeri and Members of the Commission,

The proposed project referenced above will take place at the Charlestown Pump Station (CPS), located at 169-171 Alford Street, Charlestown, MA, adjacent to the Alford Street Draw Bridge and bordered by the Mystic River. The CPS is owned by the Commonwealth of Massachusetts and is under the care, custody, and control of the Massachusetts Water Resources Authority (MWRA).

The MWRA proposes stabilizing approximately 65 linear feet of the southern and eastern granite block seawall by installing wedge blocks in larger voids and joints, followed by grout injection and possible dry packing of grout. All work on the seawall will occur above the mudline. There is no work proposed on the interior or exterior of the CPS building itself and the proposed work will not change the structural dimensions, footprint, or use of the CPS. Other work areas include the parking lot adjacent to the CPS structure for temporary staging, laydown, parking, and trailer by MWRA and the selected contractor. Additional staging, laydown, and parking areas shall be utilized at the MWRA-operated DeLauri Pump Station, located across Alford Street (Route 99) from the CPS.

We are writing to request an Order of Conditions for the proposed project for work within Land under Water Bodies and Waterways, 25-foot Riverfront Area, Coastal Banks and Land Subject to Coastal Storm Flowage. As always, MWRA appreciates the continued cooperation of the Boston Conservation Commission in providing an expeditious review of the enclosed documents. Should you have any questions or require additional information, please contact me at 617-570-5412 or colleen.rizzi@mwra.com

Sincerely,

Colleen C. Rizzi

Colleen C. Rizzi
Digitally signed by Colleen C. Rizzi
DN: cn=Colleen C. Rizzi, email=Colleen.Rizzi@mwra.com, ou=MWRA, ou=Massachusetts, c=US
Date: 2025.11.06 08:18:15-0500

Colleen Rizzi, P.E.
Director of Environmental and Regulatory Affairs
Massachusetts Water Resources Authority

Enclosures: Attachment 1: WPA Form 3 – Notice of Intent
Attachment 2: Project Description and Figures
Attachment 3: Plans
Attachment 4: Property Owners
Attachment 5: Proof of Mailing to Division of Marine Fisheries – North Shore Office
Attachment 6: Stormwater Checklist and Report
Attachment 7: Abutter Notification Information
Attachment 8: NOI Wetland Fee Transmittal Form

cc: Andrea Adams, MWRA
Caitlin Carbonello, MWRA
Julie Sullivan Thakur, MWRA
Hillary Monahan, MWRA
Chuck Wilson, Hazen and Sawyer
Jaclyn Lemieux, Hazen and Sawyer
Joseph Buckley, Hazen and Sawyer
Natalie Wiegman, Hazen and Sawyer
Julia Kelly, Hazen and Sawyer

Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 1: WPA Form 3 – Notice of Intent



Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

To retain a copy of this file you must save and/or print.

Username: **JKELLYHAZENSAWYER**

Transaction ID: **1911405**

Document: **WPA Form 3 - NOI**

Size of File: **277.77K**

Status of Transaction: **Submitted**

Date and Time Created: **10/30/2025:10:30:03 AM**

Note: This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to "Download a Copy" from the Current Submittals page.



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1911405
City/Town:BOSTON

A.General Information

1. Project Location:

a. Street Address	169-171 ALFORD STREET		
b. City/Town	BOSTON	c. Zip Code	02129
d. Latitude	42.38990N	e. Longitude	71.07058W
f. Map/Plat #	N/A		
g. Parcel/Lot #	0201831000, 0201831001, 0201834080 AND 0201834120		

2. Applicant:

☒ Individual ☐ Organization

a. First Name	COLLEEN	b. Last Name	RIZZI
c. Organization	MASSACHUSETTS WATER RESOURCES AUTHORITY (MWRA)		
d. Mailing Address	2 GRIFFIN WAY		
e. City/Town	CHELSEA	f. State	MA
g. Zip Code	02150		
h. Phone Number	857-331-2574	i. Fax	
j. Email	Colleen.Rizzi@mwra.com		

3. Property Owner:

☒ more than one owner

a. First Name	b. Last Name		
c. Organization	COMMONWEALTH OF MASSACHUSETTS		
d. Mailing Address	169 ALFORD STREET		
e. City/Town	BOSTON	f. State	MA
g. Zip Code	02129		
h. Phone Number		i. Fax	
j. Email			

4. Representative:

a. First Name	JACLYN	b. Last Name	LEMIEUX
c. Organization	HAZEN AND SAWYER		
d. Mailing Address	50 MILK ST		
e. City/Town	BOSTON	f. State	MA
g. Zip Code	02109		
h. Phone Number	857-305-4087	i. Fax	
j. Email	JLemieux@hazenandsawyer.com		

5. Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid	390.00	b. State Fee Paid	182.50	c. City/Town Fee Paid	207.50
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6. General Project Description:

THE CHARLESTOWN PUMP STATION (CPS) IS UNDER THE CARE AND CUSTODY OF THE MASSACHUSETTS WATER RESOURCES AUTHORITY (MWRA). THE PROPOSED PROJECT CONSISTS OF THE REPAIR AND MAINTENANCE OF THE SEAWALL AT THE CPS. THE WORK INVOLVES SECURING THE SEAWALL'S GRANITE BLOCKS IN THEIR CURRENT LOCATION USING THE SPECIALIZED EXPERTISE OF LOCAL MARINE CONTRACTORS. CONTRACTORS MAY PERFORM THE WORK FROM BARGES OR WITH DIVERS, UTILIZING VARIOUS METHODS OF REPAIR AND STABILIZATION. INSTALLATION METHODS INCLUDE PLACING WEDGE BLOCKS WITHIN THE LARGER VOIDS AND JOINTS OF THE SEAWALL TO PROVIDE ADDITIONAL BEARING BETWEEN COURSES AND TO FILL THE GAPS BETWEEN ADJACENT BLOCKS. REMAINING VOIDS MAY BE FILLED BY INJECTING GROUT OR POSSIBLY DRY-PACKING GROUT INTO THE SPACES. DE MINIMIS TEMPORARY IMPACTS (<10 SF) TO LAND UNDER WATER AND WATERWAYS (LUWW) WITHIN THE MYSTIC



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Coastal
Banks,

RIVER MAY BE ASSOCIATED WITH THE TEMPORARY INSTALLATION OF A BARGE DURING CONSTRUCTION. THE CPS IS WITHIN THE ~~BORDERING LAND SUBJECT TO FLOODING (BLSF)~~, 25-FT RIVERFRONT AREA, AND LAND SUBJECT TO COASTAL STORM FLOWAGE (LSCSF). THE PROJECT PROPOSES USING APPROXIMATELY 12,000 SQUARE FEET OF EXISTING IMPERVIOUS SURFACES WITHIN THE CPS PARKING LOT FOR SEAWALL ACCESS, TEMPORARY VEHICLE PARKING, TRAILERS, OR EQUIPMENT LAYDOWN. ALTERATION OF ALL RESOURCE AREAS IS LIMITED TO 65 LINEAR FEET OF THE SEAWALL, WHICH IS COMPOSED OF APPROXIMATELY 2-FOOT-THICK GRANITE BLOCKS. THE SURFACE AREA OF THE TOP OF THE SEAWALL WITHIN THE LIMITS OF WORK IS APPROXIMATELY 126 SQUARE FEET. THERE IS NO DEMOLITION OR NEW CONSTRUCTION ASSOCIATED WITH THE PROJECT. ALL WORK WILL BE COMPLETED ALONG THE SEAWALL ABOVE THE MUDLINE, WITHIN THE DEFINED LIMITS OF WORK. NO WORK WILL BE PERFORMED INSIDE OR OUTSIDE THE CPS BUILDING. THE PROJECT DOES NOT ALTER THE STRUCTURAL DIMENSIONS OF THE BUILDING OR SEAWALL, THE USE OF THE STRUCTURE, ELEVATIONS, OR ITS FOOTPRINT.

7a. Project Type:

- | | |
|--|--|
| 1. ☐ Single Family Home | 2. ☐ Residential Subdivision |
| 3. ☐ Limited Project Driveway Crossing | 4. ☐ Commercial/Industrial |
| 5. ☐ Dock/Pier | 6. ☐ Utilities |
| 7. ☒ Coastal Engineering Structure | 8. ☐ Agriculture (eg., cranberries, forestry) |
| 9. ☐ Transportation | 10. ☐ Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☒ Yes ☐ No If yes, describe which limited project applies to this project:
2. Limited Project MAINTENANCE AND REPAIR OF EXISTING STRUCTURES IN ACCORDANCE WITH 310 CMR 10.24(7)(C)(2).

8. Property recorded at the Registry of Deeds for:

a. County:	b. Certificate:	c. Book:	d. Page:
SUFFOLK		2142	311
SUFFOLK		2294	225
SOUTHERN MIDDLESEX		2391	1
SUFFOLK		15998	192

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

☐ This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas: (See 310 CMR 10.54 - 10.58, if not applicable, go to Section B.3. Coastal Resource Areas)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet



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c. ☒ Land under Waterbodies and Waterways	10	0
	1. Square feet	2. square feet
	0	
	3. cubic yards dredged	
d. ☒ Bordering Land Subject to Flooding	126	0
	1. square feet	2. square feet
	0	0
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding		
	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. ☒ Riverfront Area	Mystic River	
	1. Name of Waterway (if any)	
2. Width of Riverfront Area (check one)	☒ 25 ft. - Designated Densely Developed Areas only	
	☐ 100 ft. - New agricultural projects only	
	☐ 200 ft. - All other projects	
3. Total area of Riverfront Area on the site of the proposed project		5974 square feet
4. Proposed Alteration of the Riverfront Area:		
126	126	0
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
5. Has an alternatives analysis been done and is it attached to this NOI?		☒ Yes ☐ No
6. Was the lot where the activity is proposed created prior to August 1, 1996?		☒ Yes ☐ No

3.Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under	Land under the ocean below,
b. ☐ Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☐ Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. ☒ Coastal Banks	65	
	1. linear feet	
g. ☐ Rocky Intertidal Shores	1. square feet	



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h. ☐ Salt Marshes

1. square feet

2. sq ft restoration, rehab, crea.

i. ☐ Land Under Salt Ponds

1. square feet

2. cubic yards dredged

j. ☐ Land Containing Shellfish

1. square feet

k. ☐ Fish Runs

Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above

1. cubic yards dredged

l. ☒ Land Subject to Coastal Storm Flowage

126

1. square feet

4. Restoration/Enhancement

☐ Restoration/Replacement

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.2.b or B.3.h above, please entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

☐ Project Involves Streams Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. ☐ Yes ☒ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species

Program

Division of Fisheries and Wildlife

1 Rabbit Hill Road

Westborough, MA 01581

b. Date of map: FROM MAP VIEWER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)....

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. ☐ Percentage/acreage of property to be altered:



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(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

b. ☐ Photographs representative of the site

c. ☐ MESA filing fee (fee information available at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>)

Make check payable to "Natural Heritage & Endangered Species Fund" and **mail to NHESP** at above address

*Projects altering **10 or more acres** of land, also submit:*

d. ☐ Vegetation cover type map of site

e. ☐ Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. ☐ Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking Number

b. Date submitted to NHESP

3. ☐ Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?

a. ☐ Not applicable - project is in inland resource area only

b. ☒ Yes ☐ No

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 S. Rodney French Blvd
New Bedford, MA 02744

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☒ No

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations). **Note:**



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

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City/Town:BOSTON

electronic filers click on Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

a. ☐ Yes ☒ No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. ☒ Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook ☐ Vol.2, Chapter 3)
2. ☒ A portion of the site constitutes redevelopment
3. ☐ Proprietary BMPs are included in the Stormwater Management System

b. ☐ No, Explain why the project is exempt:

1. ☐ Single Family Home
2. ☐ Emergency Road Repair
3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department by regular mail delivery.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the ☒ Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland ☒ [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s). ☐ Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
4. List the titles and dates for all plans and other materials submitted with this NOI. ☒

a. Plan Title: **b. Plan Prepared By:** **c. Plan Signed/Stamped By:** **c. Revised Final Date:** **e. Scale:**

CHARLESTOWN
PUMP STATION
SEAWALL REPAIR
CHARLESTOWN,
MASSACHUSETTS

HAZEN AND
SAWYER

CHARLES R. WILSON &
SIMONE MANZO

10/16/2025

VARIES (AS-
SHOWN)



**Massachusetts Department of Environmental
Protection**

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:

MassDEP File #:

eDEP Transaction #:1911405

City/Town:BOSTON

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.



6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.



7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.



8. Attach NOI Wetland Fee Transmittal Form.



9. Attach Stormwater Report, if needed.





Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

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Provided by MassDEP:
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City/Town:BOSTON

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

335208	October 28th, 2025
2. Municipal Check Number	3. Check date
335209	October 28th, 2025
4. State Check Number	5. Check date
Hazen and Sawyer	
6. Payer name on check: First Name	7. Payer name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

	11/6/25
1. Signature of Applicant	2. Date
Colleen C. Rizzo	
3. Signature of Property Owner(if different)	4. Date
Jaclyn Lemieux	11/5/2025
5. Signature of Representative (if any)	6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Wetland Fee Transmittal
Form

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1911405
City/Town:BOSTON

A. Applicant Information

1. Applicant:

a. First Name	COLLEEN	b. Last Name	RIZZI
c. Organization	MASSACHUSETTS WATER RESOURCES AUTHORITY (MWRA)		
d. Mailing Address	2 GRIFFIN WAY		
e. City/Town	CHELSEA	f. State	MA
g. Zip Code	02150		
h. Phone Number	8573312574	i. Fax	
j. Email	Colleen.Rizzi@mwra.com		

2. Property Owner:(if different)

a. First Name				b. Last Name		
c. Organization	COMMONWEALTH OF MASSACHUSETTS					
d. Mailing Address	169 ALFORD STREET					
e. City/Town	BOSTON	f. State	MA	g. Zip Code	02129	
h. Phone Number				i. Fax		
j. Email						

3. Project Location:

a. Street Address	169-171 ALFORD STREET	b. City/Town	BOSTON
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Are you exempted from Fee? ☐ (YOU HAVE SELECTED 'NO')

Note: Fee will be exempted if you are one of the following:

- City/Town/County/District
- Municipal Housing Authority
- Indian Tribe Housing Authority
- MBTA

State agencies are only exempt if the fee is less than \$100

B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
A.) WORK ON DOCKS, PIERS, REVETMENTS, DIKES, ETC. (COASTAL OR INLAND).	65	4.00	RFA MULTIPLIER 1.5	390.00
		City/Town share of filing fee	State share of filing fee	Total Project Fee
		\$207.50	\$182.50	\$390.00

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Summary/Receipt

[print receipt](#)[Exit](#)

Your submission is complete. Thank you for using DEP's online reporting system. You can select "My eDEP" to see a list of your transactions.

DEP Transaction ID: 1911405

Date and Time Submitted: 10/30/2025 10:23:58 AM

Other Email :

Form Name: WPA Form 3 - NOI

Project Location

City/Town Name: BOSTON

location: 169-171 ALFORD STREET

General Description: THE CHARLESTOWN PUMP STATION (CPS) IS UNDER THE CARE AND CUSTODY OF THE MASSACHUSETTS WATER RESOURCES AUTHORITY (MWRA). THE PROPOSED PROJECT CONSISTS OF THE REPAIR AND MAINTENANCE OF THE SEAWALL AT THE CPS. THE WORK INVOLVES SECURING THE SEAWALL'S GRANITE BLOCKS IN THEIR CURRENT LOCATION USING THE SPECIALIZED EXPERTISE OF LOCAL MARINE CONTRACTORS. CONTRACTORS MAY PERFORM THE WORK FROM BARGES OR WITH DIVERS, UTILIZING VARIOUS METHODS OF REPAIR AND STABILIZATION. INSTALLATION METHODS INCLUDE PLACING WEDGE BLOCKS WITHIN THE LARGER VOIDS AND JOINTS OF THE SEAWALL TO PROVIDE ADDITIONAL BEARING BETWEEN COURSES AND TO FILL THE GAPS BETWEEN ADJACENT BLOCKS. REMAINING VOIDS MAY BE FILLED BY INJECTING GROUT OR POSSIBLY DRY-PACKING GROUT INTO THE SPACES. DE MINIMIS TEMPORARY IMPACTS (<10 SF) TO LAND UNDER WATER AND WATERWAYS (LUWW) WITHIN THE MYSTIC RIVER MAY BE ASSOCIATED WITH THE TEMPORARY INSTALLATION OF A BARGE DURING CONSTRUCTION. THE CPS IS WITHIN THE BORDERING LAND SUBJECT TO FLOODING (BLSF), 25-FT RIVERFRONT AREA, AND LAND SUBJECT TO COASTAL STORM FLOWAGE (LSCSF). THE PROJECT PROPOSES USING APPROXIMATELY 12,000 SQUARE FEET OF EXISTING IMPERVIOUS SURFACES WITHIN THE CPS PARKING LOT FOR SEAWALL ACCESS, TEMPORARY VEHICLE PARKING, TRAILERS, OR EQUIPMENT LAYDOWN. ALTERATION OF ALL RESOURCE AREAS IS LIMITED TO 65 LINEAR FEET OF THE SEAWALL, WHICH IS COMPOSED OF APPROXIMATELY 2-FOOT-THICK GRANITE BLOCKS. THE SURFACE AREA OF THE TOP OF THE SEAWALL WITHIN THE LIMITS OF WORK IS APPROXIMATELY 126 SQUARE FEET. THERE IS NO DEMOLITION OR NEW CONSTRUCTION ASSOCIATED WITH THE PROJECT. ALL WORK WILL BE COMPLETED ALONG THE SEAWALL ABOVE THE MUDLINE,

WITHIN THE DEFINED LIMITS OF WORK. NO WORK WILL BE PERFORMED INSIDE OR OUTSIDE THE CPS BUILDING. THE PROJECT DOES NOT ALTER THE STRUCTURAL DIMENSIONS OF THE BUILDING OR SEAWALL, THE USE OF THE STRUCTURE, ELEVATIONS, OR ITS FOOTPRINT.

Applicant Information

Name: COLLEEN RIZZI

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Payment Information

Your fee for the state share is \$: 182.50

If you have paid by credit card or ACH, thank you for your payment. If you are paying by check or money order, please send your check (payable to the Commonwealth of Massachusetts) to MassDEP, Box 4062, Boston, MA 02211

Additional Forms Submitted

WPA Form 3 - NOI (Fee Transmittal)(ONLINE ONLY)

Ancillary Document Uploaded/Mailed

1_Project Description and Figures

2_Project Plans

3_Property Owners

4_Proof of Mailing DMF

5_Stormwater

6_Abutters Notifications

7_Wetland Fee Transmittal

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Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 2: Project Description and Figures

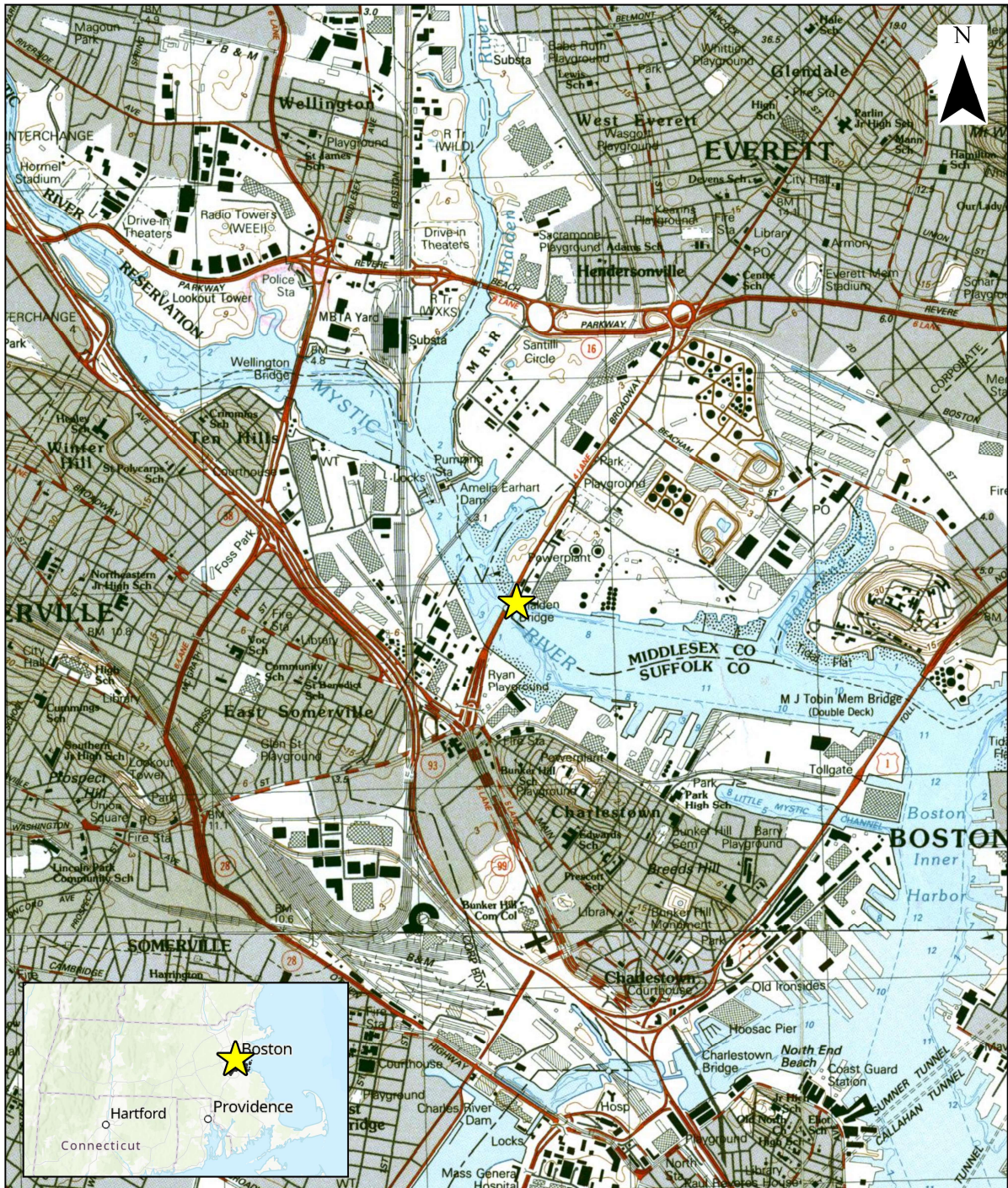
1. Project Description

The proposed project is located at the site of the existing Charlestown Pump Station (CPS) at 169-171 Alford Street (Route 99) in Charlestown, Massachusetts (Figure 1). The CPS (Parcel #0201831000 and #0201831001) is located adjacent to the Alford Street Draw Bridge. The Mystic River borders the site on the south and east sides of the property. The existing seawall is the foundation of the CPS superstructure and an active 60-inch diameter sewer siphon, the Cambridge Branch Sewer, runs under the seawall and extends the length of the facility (Figure 2). All proposed work will be on the seawall's granite blocks, on the southern (Figures 3 and 4) and eastern (Figure 3 and 5) sides of the seawall, which serve as a veneer and a means of protecting the unreinforced concrete gravity wall behind it. Figure 3 shows the southern and eastern limits of the proposed repair area via dashed yellow lines on the south wall (40-ft from the corner of the wall) and dashed red lines along the east wall (25-ft from the corner of the wall). The vertical limit of work is approximately 14'-6" from the first joint above the mudline to the top of the seawall (Attachment 3, S-103).

The Massachusetts Water Resources Authority (MWRA) aims to locally stabilize the exterior granite blocks on the seawall and limit future movement of the secured granite blocks. This proposed work will provide temporary, localized stabilization of approximately 65 linear feet of the southeast corner of the seawall and limits further deterioration of the seawall in these areas. Temporary local stabilization will include installation of wedge blocks within the larger voids and joints of the seawall to assist in providing additional bearing between courses and to fill the voids between adjacent blocks. After placement of the wedge blocks, all voids and joints would be filled via injection of grout and dry packing of grout between voids and wedge blocks (Attachment 3, S-101).

There is no demolition or new construction associated with the project. All work on the seawall will be completed above the mudline. No work within the interior or the exterior of the CPS building will be completed as part of this work. The work does not change any structural dimensions of the building and/or seawall, the use of the structure, elevations, or the footprint of the structure. The parking lot area adjacent to the CPS structure will be used by the MWRA and the selected contractor for the MWRA's project office, temporary staging, laydown, and parking. Additional staging, laydown, and parking areas shall be utilized at the MWRA-owned and operated DeLauri Pump Station, located across Route 99 at 172 Alford Street (Parcel #0201834120 and #0201834080), as shown in Attachment 3, G-001. The proposed work is within wetland resource areas and impacts in these areas are described herein.

Construction is expected to commence in July 2026 and is anticipated to take approximately 1 year to complete.



Source: MassGIS USGS Topographic Quadrangle Maps

Figure 1 USGS Topographic Map

 Project Location

Charlestown Pump Station Seawall Repair Project
169 Alford Street, Charlestown, MA 02129



Figure 2: CPS Building, Seawall and 60-in Diameter Sewer Location

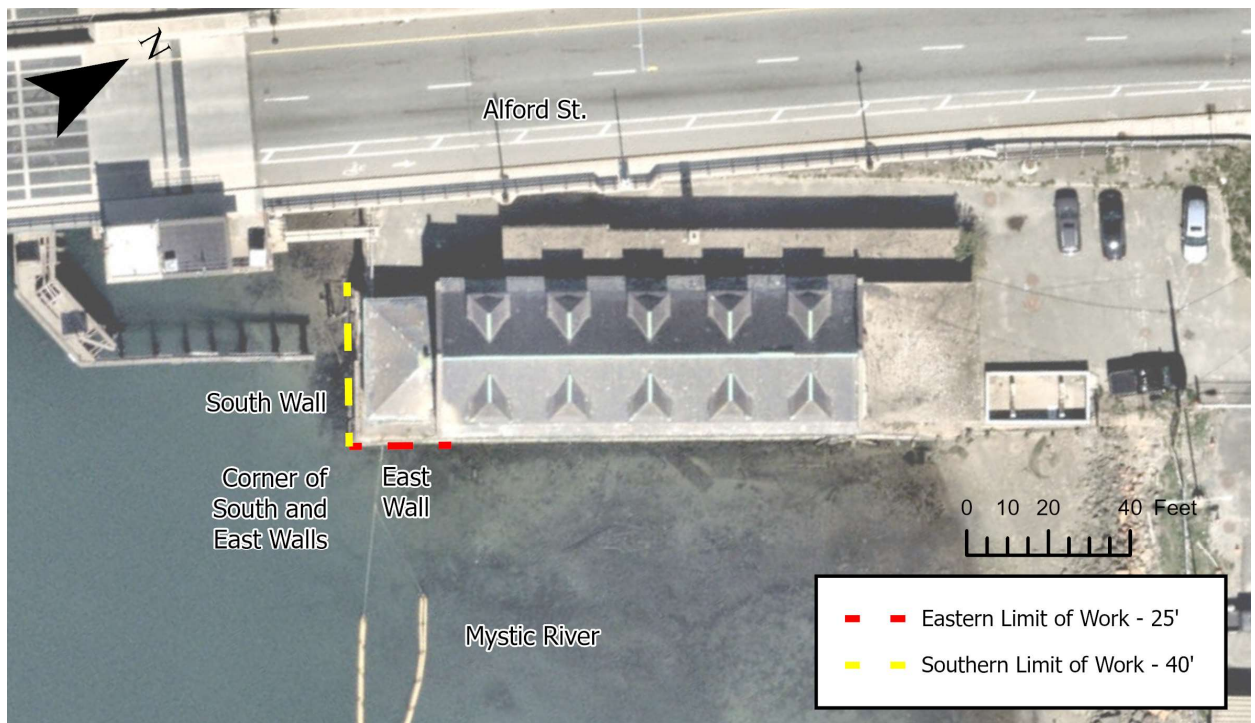


Figure 3: Limits of Work on CPS Seawall



Figure 4: View of South Wall from Alford Street Bridge



Figure 5: View of Corner of the South and East Walls from Mystic River

1.1 Alternatives Analysis

The alternatives analysis conducted for the proposed project evaluated four extents and methods for repair and rehabilitation of the CPS seawall. The analysis is detailed in a Preliminary Design Technical Memorandum prepared by MWRA's project consultant, Hazen and Sawyer (Hazen) and summarized in Table 1. The selected alternative minimizes adverse impacts to wetland resource areas.

Table 1 Alternatives Analysis

Alternatives	Description
No Action	Without stabilization efforts, the CPS seawall would remain vulnerable to further erosion and displacement of granite blocks due to natural forces such as tidal influence and freeze thaw cycles.
Selected Alternative Alternative 1: Temporary Local Stabilization (Southeast Corner of the Seawall)	Temporary, localized stabilization of approximately 65 linear feet of the southeast corner of the seawall and limits further deterioration of the seawall within these limits. Temporary local stabilization would include installation of wedge blocks within the larger voids and joints of the seawall to assist in providing additional bearing between courses and to fill the voids between adjacent blocks. After placement of the wedge blocks, all voids and joints would be filled via injection of grout and possible dry packing of grout between voids and wedge blocks. This alternative does not move the granite blocks back to their original positions but stabilizes them in their current position. The selected alternative only proposes minor impacts to areas on the face of the seawall from the proposed repair work as well as minor temporary impacts to the river substrate from barge anchors to allow the work to be performed from the water.
Alternative 2A: Alternative 2A: Long Term Local Stabilization (Southeast Corner of the Seawall with Temporary Cofferdam)	Long-term local stability of the exterior granite blocks for a length of approximately 65 linear feet at the southeast corner of the seawall. Requires the construction of a temporary coffer cell to isolate and dewater the area of repair. Further geotechnical investigation will be required as part of the design alternative to determine the approach for constructing the coffer cell. The selected contractor would use jacking equipment and shoring to return the blocks to their original position within the limits. Spacers, wedge rocks, or other means would be installed to temporarily stabilize the blocks in the revised position. Adhesive dowels will be drilled into the subbase concrete, followed by installation of grout in all the voids and joints between and behind the granite blocks. This alternative would result in greater impact to wetland resource areas than the selected alternative due to the required construction of the temporary coffer cell within the tidal area.
Alternative 2B: Long Term Global Stabilization (Temporary Cofferdam)	This alternative would provide the same rehabilitation and repair methods as Alternative 2A above, but for the entire 179-foot length of the seawall. Like the alternative above, the construction of the temporary coffer cell required for this alternative would result in greater impacts to wetland resource areas than the selected alternative.
Alternative 2C: Long Term Local Stabilization (Southeast Corner of Seawall with Permanent Cofferdam)	Long-term stability of the granite blocks along the approximately 65 linear feet of the southeast corner of the seawall. This approach will require the construction of a permanent coffer cell to provide a buffer to cushion the seawall from the impacts of tides, storms or boats or barges sailing on the Mystic River. The permanent coffer cell would isolate and dewater the area of repair similar to Alternative 2A. This alternative would also include returning the displaced granite blocks to their original position and provide stabilization of the exterior blocks comprising the seawall. The unreinforced mass concrete wall behind the granite block exterior veneer is the main force resisting component of the seawall. The granite blocks serve as a veneer and a means of protecting the concrete wall, but the unreinforced concrete wall withstands all loads on the seawall and transfers the loads to the pile foundation. This alternative proposes to design a permanent coffer cell to function as a greater means to protect the seawall. This coffer cell would require significant design, permitting and

Alternatives	Description
	construction implications and would result in greater impacts to wetland resource areas than the selected alternative, and alternatives 2A and 2B.

2. Existing Conditions at the Proposed Project Site

The CPS is owned by the Commonwealth of Massachusetts and is under the care, custody, and control of the Massachusetts Water Resources Authority (MWRA). The CPS was constructed in 1895 and remained in operation until 1993. The facility has been vacant since 2001; however, an active 60-inch diameter sewer siphon, the Cambridge Branch Sewer, runs under the existing CPS foundation and extends the length of the facility. Based on Record Drawings, the seawall consists of 9 courses of 2-foot-thick granite blocks keyed into an unreinforced concrete gravity wall, which was constructed over timber piles. Over time, the seawall has experienced direct exposure to high river flows, tidal zone fluctuations, and freeze-thaw cycles, resulting in erosion between blocks and the eventual movement of the blocks.

2.1 Floodplain Designations

According to the July 8, 2025 Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FEMA FIRM Panel 25017C0439F & 25025C0014J), the CPS parcel is within the mapped flood zone AE (el. 10, NAVD88). Flood Zone AE represents Special Flood Hazard Areas subject to inundation by the 1% annual chance flood and includes base flood elevations. The northeastern portion of the parking lot adjacent to the CPS building is within the 0.2% annual chance flood area. The FEMA FIRM areas are shown on Figure 6.

National Flood Hazard Layer FIRMette

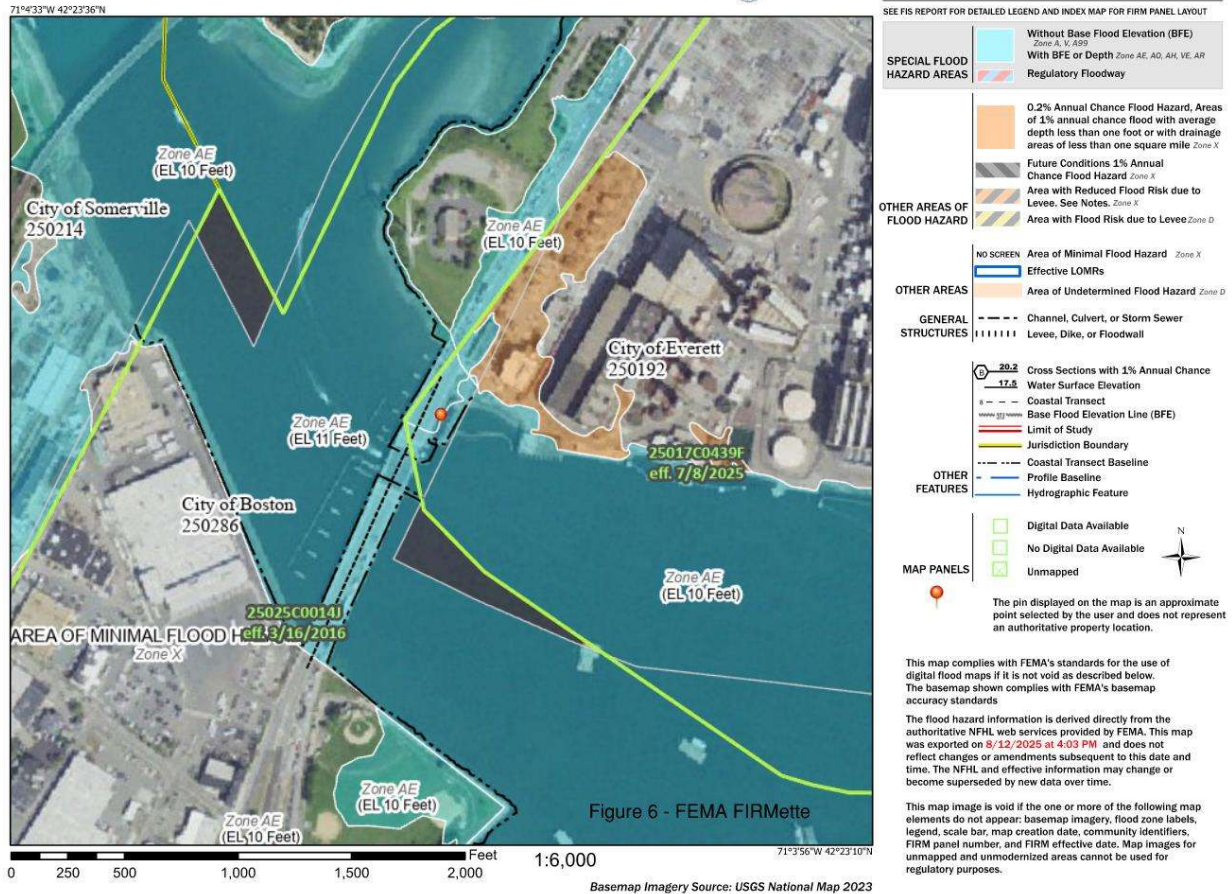


Figure 6. FEMA FIRMette at 169 Alford Street

2.2 Limited Project Justification

This activity qualifies as a Limited Project under 310 CMR 10.24(7)(c)(2) of the Wetlands Protection Act regulations. This provision allows for the maintenance and repair of existing coastal structures, provided that the work does not increase the structure's footprint, is carried out in a manner that minimizes adverse effects on wetland resource areas, and that the infrastructure existed on November 1, 1987. The proposed seawall repair meets these criteria, as it involves only the maintenance and stabilization of an existing structure, requires no structural enlargement or new construction, and is necessary to protect an active sewer line. There is no feasible alternative to completing the proposed work, as the seawall must be repaired in its current location to ensure the continued integrity of the infrastructure and to prevent further deterioration that could compromise the sewer line.

2.3 Natural Heritage and Endangered Species Protection Areas

According to the 15th edition of the Massachusetts Natural Heritage Atlas (MA NHA), the proposed project is not within Natural Heritage and Endangered Species Protection Areas (NHESP). See Figure 7 for the location of the nearest NHESP site to the CPS, located approximately 1.5 miles away.

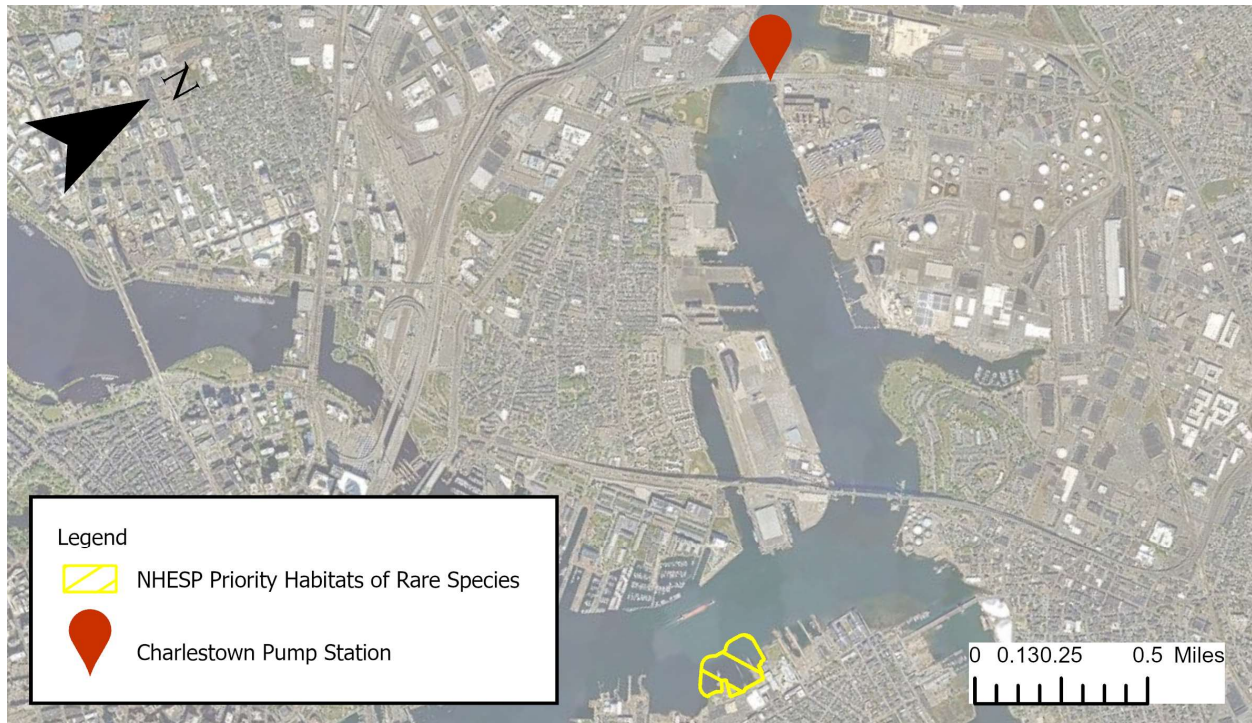


Figure 7. Location of nearest NHESP to the CPS. NHESP location provided through MassGIS Priority Habitats of Rare Species data layer, last updated February 20, 2024.

3. Wetland Resource Area Impacts from the Proposed Project

The proposed project minimizes disturbance to regulated wetland resource areas to the maximum extent practicable. Seawall accessibility for repair may be challenging due to the significant tidal fluctuations and river currents. However, based on discussions with local marine contractors, stability measures would likely involve the use of a barge and divers, requiring temporary installation of a barge in the Mystic River and staging and laydown area for equipment, trailers, and parking for vehicles at the DeLauri Pump Station facility. Vegetation removal will not take place as part of the proposed work.

A wetland delineation was not conducted due to the urban character of the site and the clearly identifiable presence of wetland resource areas. Structural engineers and an environmental scientist from Hazen performed a site visit to the CPS on October 28, 2024. Additionally, a site survey was performed by Landtech in October 2024, which captured site features, including the extent of the seawall, tide ranges, and infrastructure on site (Attachment 2 – C101). It was confirmed that the limits of work would be

within wetland resource areas as defined in 310 CMR 10.00: Wetlands Protection Act Regulations including potential temporary impacts to Land under Water Bodies and Waterways (LUWW), 25-Foot Riverfront Area, Coastal Banks, and Land Subject to Coastal Storm Flowage (LSCSF). Compliance with performance standards for these wetland resource areas as outlined in 310 CMR 10.00 are described herein.

3.1 Inland Water Resource Areas and Performance Standard Compliance

The proposed work is subject to performance standard review under Land Under Water Bodies and Waterways (LUWW) 310 CMR 10.56(4) and Riverfront Area 310 CMR 10.58(5) RA and is described herein.

3.1.1 Land under Water Bodies and Waterways

De minimis temporary impacts (<10 sf) to LUWW within the Mystic River will be associated with the installation of anchors for the use of a temporary barge during construction. Based on input from local marine contractors, the barge will likely use two 1-foot by 1-foot anchors, affecting approximately 2 square feet of river substrate. The contractor will be responsible for the final barge design and location. Figure 8 shows the approximate location of the temporary barge locations, which are expected to be about 15 feet from the 65 linear feet work zone along the wall.



Figure 8. Potential locations of temporary barge within the Mystic River. Approximate location shown as a 15-ft buffer surrounding the 65 linear feet limits of work along the seawall.

As such, the proposed project has been analyzed based on the performance standards listed in 310 CMR 10.56(4):

(a) Where the presumption set forth in 310 CMR 10.56(3) is not overcome, any proposed work within Land under Water Bodies and Waterways shall not impair the following:

- 1. The water carrying capacity within the defined channel, which is provided by said land in conjunction with the banks;*
- 2. Ground and surface water quality;*
- 3. The capacity of said land to provide breeding habitat, escape cover and food for fisheries; and*
- 4. The capacity of said land to provide important wildlife habitat functions. A project or projects on a single lot, for which Notice(s) of intent is filed on or after November 1, 1987, that (cumulatively) alter(s) up to 10% or 5,000 square feet (whichever is less) of land in this resource area found to be significant to the protection of wildlife habitat, shall not be deemed to impair its capacity to provide important wildlife habitat functions. Additional alterations beyond the above threshold may be permitted if they will have no adverse effects on wildlife habitat, as determined by procedures established under 310 CMR 10.60.*
- 5. Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.56(4)(a) provided the work is performed in compliance with the Massachusetts Stream Crossing Standards by consisting of a span or embedded culvert in which, at a minimum, the bottom of a span structure or the upper surface of an embedded culvert is above the elevation of the top of the bank, and the structure spans the channel width by a minimum of 1.2 times the bank full width. This presumption is rebuttable and may be overcome by the submittal of credible evidence from a competent source. Notwithstanding the requirements of 310 CMR 10.56(4)(a)4., the impact on Land under Water Bodies and Waterways caused by the installation of a stream crossing is exempt from the requirement to perform a habitat evaluation in accordance with the procedures established under 310 CMR 10.60.*

Response: Given the small area of impact (<10 SF) and the temporary duration of the barge installation, the project is not expected to impair any of the above functions. The installation will occur in an area that does not exceed the thresholds for cumulative alteration (i.e. 10% or 5,000 SF) and therefore does not trigger further wildlife habitat evaluation. Additionally, there are no stream crossings proposed, therefore 310 CMR 10.56(4)(a)(5) does not apply.

(b) Notwithstanding the provisions of 310 CMR 10.56(4)(a), the issuing authority may issue an Order in accordance with M.G.L. c. 131, § 40 to maintain or improve boat channels within Land under Water Bodies and Waterways when said work is designed and carried out using the best practical measures so as to minimize adverse effects such as the suspension or transport of pollutants, increases in turbidity, the smothering of bottom organisms, the accumulation of pollutants by organisms or the destruction of fisheries habitat or nutrient source areas.

Response: The footprint of the temporary barge anchors would be minimal (<10 SF) and will be installed using best practical measures to avoid adverse environmental effects. The minimal area of impact would

not smother bottom organisms or interfere with fisheries habitat or nutrient source areas, as the installation area is a small area and temporary. Once removed, the impact area will return to pre-construction conditions, as there are no dredging impacts or permanent installations proposed.

(c) Notwithstanding the provisions of 310 CMR 10.56(4)(a) or (b), no project may be permitted which will have any adverse effect on specified habitat sites of rare vertebrate or invertebrate species, as identified by procedures established under 310 CMR 10.59.

Response: The work area has been evaluated against the most recent Natural Heritage and Endangered Species Program (NHESP) maps (15th Edition Natural Heritage Atlas, August 1, 2021). The project site does not fall within these areas. Therefore, this performance standard does not apply.

3.1.2 25-Foot Riverfront Area

The 25-foot riverfront area was calculated for the site by obtaining the mean high water (MHW) tidal elevation for the Mystic River near the CPS, then applying a 25-ft horizontal buffer inland. MHW was found using NOAA's *vDatum* tool. The MHW for the Mystic River at the CPS is El 4.34 feet (NAVD88), or 110.77 feet in MWRA's sewer datum. The DeLauri Pump Station is outside of the 25-ft riverfront area. See Figure 11 below for an understanding of the 25-ft riverfront area at the CPS site.

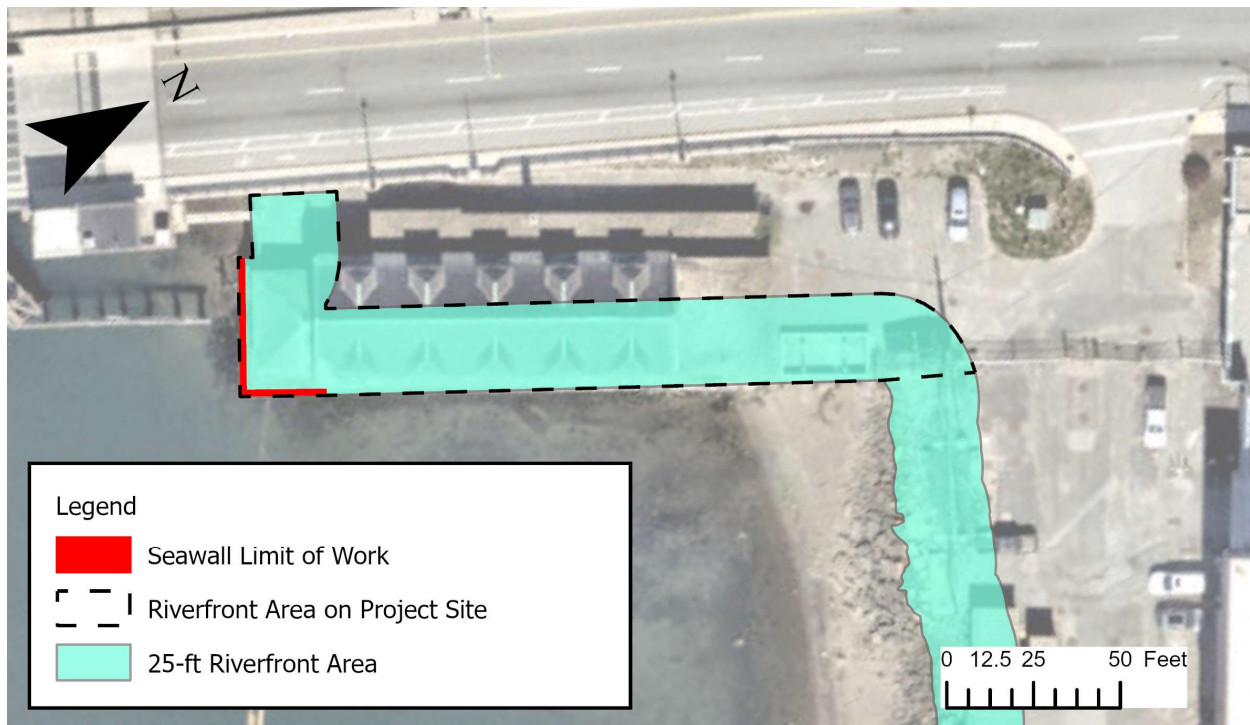


Figure 11. 25-ft Riverfront Area at the CPS site, outlined with the overlapping project site area. Area of impact is limited to the seawall limit of work.

There are approximately 6,000 square feet of Riverfront Area on the site of the proposed project. Of that, approximately 4,400 square feet consists of the CPS building itself which will not be entered into or altered in any way as a part of the proposed project. This leaves approximately 1,600 square feet of accessible riverfront area on the project site, which is entirely impervious, to be used for access, temporary vehicle parking, trailer, or laydown for equipment. The impacts made to the 25-ft riverfront area are consistent with the extent of impacts in other resource areas, limited to the width of the seawall and the limits of work, resulting in 126 square feet of impact/alteration. As such, the proposed project has been analyzed based on the performance standards listed in 310 CMR 10.58(4):

(a) Protection of Other Resource Areas. The work shall meet the performance standards for all other resource areas within the riverfront area, as identified in 310 CMR 10.30(Coastal Bank), 10.32 (Salt Marsh), 10.55 (Bordering Vegetated Wetland), and 10.57 (Land Subject to Flooding). When work in the riverfront area is also within the buffer zone to another resource area, the performance standards for the riverfront area shall contribute to the protection of the interests of M.G.L. c. 131, § 40 in lieu of any additional requirements that might otherwise be imposed on work in the buffer zone within the riverfront area.

Response: The proposed work is within Coastal Bank and the buffer zone of Tidal Flats/Coastal Beach. The performance standards for these resources areas as they relate to the project are included in Sections 3.2.1 and 3.2.3.

(b) Protection of Rare Species. No project may be permitted within the riverfront area which will have any adverse effect on specified habitat sites of rare wetland or upland, vertebrate or invertebrate species, as identified by the procedures established under 310 CMR 10.59 or 10.37, or which will have any adverse effect on vernal pool habitat certified prior to the filing of the Notice of Intent.

Response: The work area has been evaluated against the most recent Natural Heritage and Endangered Species Program (NHESP) maps (15th Edition Natural Heritage Atlas, August 1, 2021). The project site does not fall within these areas. Therefore, this performance standard does not apply.

(c) Practicable and Substantially Equivalent Economic Alternatives. There must be no practicable and substantially equivalent economic alternative to the proposed project with less adverse effects on the interests identified in M.G.L. c. 131 § 40....

Response: The proposed project has been evaluated in accordance with the performance standard requiring that no practicable and substantially equivalent economic alternative exists that would result in fewer adverse effects on the interests protected under M.G.L. c. 131 § 40. The temporary use of approximately 1,600 square feet of accessible, paved, riverfront area was the least impactful and most cost-effective alternative available (see Section 1.1). Alternatives involving new construction or use of unpaved areas would introduce land alteration, stormwater management requirements, and potential ecological disruption. By utilizing existing impervious surfaces and avoiding excavation, grading, or discharge, the project avoids triggering additional regulatory thresholds and ensures full compliance with the Massachusetts Wetlands Protection Act. This determination is supported by the completed stormwater checklist and narrative included as Attachment 5.

(d) No Significant Adverse Impact. The work, including proposed mitigation measures, must have no significant adverse impact on the riverfront area to protect the interests identified in M.G.L. c. 131, § 40...

Response: The proposed project involves the temporary use of approximately 1,600 square feet of existing impervious surface within the CPS parking lot located in the 25-foot riverfront area. As previously stated, the work will not involve excavation, grading, or discharge, and no new impervious surfaces will be created. Because the activity is confined to an already paved area and does not alter the physical characteristics or ecological functions of the riverfront area, it will not result in significant adverse impacts to the interests protected under M.G.L. c. 131, § 40. The project avoids impacts to adjacent resource areas and does not fall within the buffer zone of another protected area. This proposed work complies with this performance standard.

3.2 Coastal Water Resource Areas and Performance Standard Compliance

3.2.1 Coastal Banks

The project area is located within Coastal Banks, and impacts are limited to 65 linear feet of the southeastern corner of the CPS seawall. As such, the proposed project has been analyzed based on the performance standards listed in 310 CMR 10.30:

(3) No new bulkhead, revetment, seawall, groin or other coastal engineering structure shall be permitted on such a coastal bank except that such a coastal engineering structure shall be permitted when required to prevent storm damage to buildings constructed prior to the effective date of 310 CMR 10.21 through 10.37 or constructed pursuant to a Notice of Intent filed prior to the effective date of 310 CMR 10.21 through 10.37 (August 10, 1978), including reconstructions of such buildings subsequent to the effective date of 310 CMR 10.21 through 10.37, provided that the following requirements are met:

(a) a coastal engineering structure or a modification thereto shall be designed and constructed so as to minimize, using best available measures, adverse effects on adjacent or nearby coastal beaches due to changes in wave action, and

(b) the applicant demonstrates that no method of protecting the building other than the proposed coastal engineering structure is feasible.

(c) protective planting designed to reduce erosion may be permitted.

Response: The proposed project does not include the construction of a new coastal engineering structure. The proposed project includes the in-kind repair of an existing seawall. While multiple alternatives were investigated as part of the design process, the chosen alternative of repairing the seawall in place using divers and a barge would result in the least amount of impact on existing resource areas. The repair of the seawall is critical to prevent further degradation of the seawall which could result in sedimentation and disturbance to nearby resource areas.

(4) Any project on a coastal bank or within 100 feet landward of the top of a coastal bank, other than a structure permitted by 310 CMR 10.30(3), shall not have an adverse effect due to wave action on the movement of sediment from the coastal bank to coastal beaches or land subject to tidal action.

Response: The proposed project is limited to the in-kind repair of an existing seawall and would not result in changes to wave action or the movement of sediments due to tidal action.

(5) The Order of Conditions and the Certificate of Compliance for any new building within 100 feet landward of the top of a coastal bank permitted by the issuing authority under M.G.L. c. 131, § 40 shall contain the specific condition: 310 CMR 10.30(3), promulgated under M.G.L. c. 131, § 40, requires that no coastal engineering structure, such as a bulkhead, revetment, or seawall shall be permitted on an eroding bank at any time in the future to protect the project allowed by this Order of Conditions.

Response: The proposed project is limited to the in-kind repair of an existing seawall and does not include the construction of any new buildings or coastal engineering structures.

(6) Any project on such a coastal bank or within 100 feet landward of the top of such coastal bank shall have no adverse effects on the stability of the coastal bank.

Response: The proposed project is in-kind repair and would result in increased stability along the seawall by preventing further degradation from tidal action and the freeze/thaw cycle.

(7) Bulkheads, revetments, seawalls, groins or other coastal engineering structures may be permitted on such a coastal bank except when such bank is significant to storm damage prevention or flood control because it supplies sediment to coastal beaches, coastal dunes, and barrier beaches.

Response: The proposed project is limited to the in-kind repair of an existing seawall and does not include the construction of any new coastal engineering structures.

(8) Notwithstanding the provisions of 310 CMR 10.30(3) through (7), no project may be permitted which will have any adverse effect on specified habitat sites of rare vertebrate or invertebrate species, as identified by procedures established under 310 CMR 10.37.

Response: The proposed project consists of the in-kind repair of an existing seawall and would not cause any adverse effect on vertebrate or invertebrate species, or any marine or terrestrial habitat. The proposed work would result in stabilization of the seawall that would prevent further degradation of the structure which, if left in a state of disrepair, could eventually collapse and result in sedimentation or disturbance within the Mystic River and its associated benthic habitat.

3.2.2 Land Subject to Coastal Storm Flowage

The project area is located within a designated FEMA floodplain. Work is limited to 65 linear feet of the seawall, which is composed of approximately 2-foot-thick granite blocks. The surface area of the top of the seawall which is within the limits of work is therefore 126 square feet, representing the approximate LSCSF impacted by the work. Staging area associated with proposed work will take place within approximately 12,000 SF of existing impervious surfaces within the parking lot of the CPS, which is Land Subject to Coastal Storm Flowage (LSCSF) under the Massachusetts Wetlands Protection Act (310 CMR 10.00).

This area is entirely paved and will be used temporarily as a laydown area for equipment, vehicle parking, and trailers. No land alteration, grading, excavation, or introduction of stormwater discharges is proposed. As such, the project does not require structural stormwater Best Management Practices (BMPs) under 310 CMR 10.05(6)(k), and no impact to the flood storage or stormwater are anticipated. To support this determination, a completed stormwater checklist and narrative have been included as Attachment 5, demonstrating compliance with the 10 standards outline in the Massachusetts Stormwater Handbook and confirming that the proposed use of existing impervious surfaces will not result in adverse impacts to the resource area.

3.2.3 100-ft Buffer Zone for Tidal Flats/Coastal Beach

The project area is located within the 100-ft buffer zone for Tidal Flats/Coastal Beach. As such, the proposed project has been analyzed based on the performance standards listed in 310 CMR 10.27:

(3) Any project on a coastal beach, except any project permitted under 310 CMR 10.30(3)(a), shall not have an adverse effect by increasing erosion, decreasing the volume or changing the form of any such coastal beach or an adjacent or down-drift coastal beach.

Response: The proposed project consists of the in-kind repair of an existing seawall and would not result in increased erosion or any changes to existing coastal beaches in the vicinity of the project area. The project does not propose changes to the dimensions of the seawall and would therefore not result in changes to wave action or sediment erosion or deposition.

(4) Any groin, jetty, solid pier, or other such solid fill structure which will interfere with littoral drift, in addition to complying with 310 CMR 10.27(3), shall be constructed as follows:

- (a) It shall be the minimum length and height demonstrated to be necessary to maintain beach form and volume. In evaluating necessity, coastal engineering, physical oceanographic and/or coastal geologic information shall be considered.*
- (b) Immediately after construction any groin shall be filled to entrapment capacity in height and length with sediment of grain size compatible with that of the adjacent beach.*
- (c) Jetties trapping littoral drift material shall contain a sand by-pass system to transfer sediments to the downdrift side of the inlet or shall be periodically dredged to provide beach nourishment to ensure that downdrift or adjacent beaches are not starved of sediments.*

Response: The project is an in-kind repair project on an existing seawall and does not propose new construction of any groin, jetty, pier, or other coastal engineering structure. The project does not propose changes to the dimensions of the existing seawall and would therefore not result in changes to wave action, sediment erosion or deposition, or littoral drift.

(5) Notwithstanding 310 CMR 10.27(3), beach nourishment with clean sediment of a grain size compatible with that on the existing beach may be permitted.

Response: The proposed project does not include any beach nourishment activities.

(6) In addition to complying with the requirements of 310 CMR 10.27(3) and (4), a project on a tidal flat shall if water-dependent be designed and constructed, using best available measures, so as to minimize adverse effects, and if non-water-dependent, have no adverse effects, on marine fisheries and wildlife habitat caused by:

- (a) alterations in water circulation;*
- (b) alterations in the distribution of sediment grain size; and*
- (c) changes in water quality, including, but not limited to, other than natural fluctuations in the levels of dissolved oxygen, temperature or turbidity, or the addition of pollutants*

Response: The proposed project consists of the in-kind repair of an existing seawall and would not result in changes in water circulation, grain size distribution, or water quality. The work would be completed utilizing divers and a barge that would float at all stages of the tide, resulting in minimal disturbance to the substrate.

(7) Notwithstanding the provisions of 310 CMR 10.27(3) through (6), no project may be permitted which will have any adverse effect on specified habitat sites or rare vertebrate or invertebrate species, as identified by procedures established under 310 CMR 10.37.

Response: The proposed project consists of the in-kind repair of an existing seawall and would not cause any adverse effect on vertebrate or invertebrate species, or any marine or terrestrial habitat. The proposed work would result in stabilization of the seawall that would prevent further degradation of the structure which, if left in a state of disrepair, could eventually collapse and result in sedimentation or disturbance within the Mystic River and its associated benthic habitat.

4. Additional Permitting

Implementation of the project is anticipated to require federal, state, and local permits and approvals. Table 2 is a comprehensive list of these permits and approvals that may be required.

Table 2. List of Federal, State and Local Permits, Consultations and/or Reviews that May be Required

Agency	Permit/Approval
Federal	
United States Army Corp of Engineers (USACE)	Self-Verification or Pre-Construction Notification (PCN) under General Permit Program ¹
	United States Fish and Wildlife Service (USFWS) Section 10 Endangered Species Act (ESA) Consultation
	National Oceanic and Atmospheric Administration (NOAA) NMFS Essential Fish Habitat (EFH) Consultation
	Massachusetts Office of Coastal Zone Management (MCZM) Federal Consistency Review
US Coast Guard	Notification to Mariners for Work in Navigation Channel
Federal Aviation Administration (FAA)	Notification of work in proximity to Logan Airport
State	
Executive Office of Energy and Environmental Affairs (EEA)	Pre-filing Meeting with MEPA staff ²
	Environmental Notification Form (ENF) – TBD if required based on pre-filing meeting
Board of Building Regulations and Standards (BBRS)	Initial Construction Control Document and Final Construction Control Document
Massachusetts Department of Environmental Protection (MassDEP)	401 Water Quality Certification
	Chapter 91 Administrative Request ²
Massachusetts Historical Commission (MHC)	Project Notification Form (PNF) to obtain Determination of No Adverse Effect under Section 106 ³
Massachusetts Bureau of Underwater Archaeological Resources (BUAR)	Consultation
Local	
Boston Conservation Commission	Notice of Intent (NOI) under the WPA
City of Boston	Site plan approvals, building permits as needed

NOTES:

¹The project team is in the process of coordinating with USACE on a pre-application meeting to determine SV or PCN applicability. Permitting with USACE is required for the temporary installation of a barge in Navigable Waters (i.e. Mystic River).

²See Section 4.1 regarding MEPA and Chapter 91 applicability

³The MHC PNF was submitted on 7/31/2025

4.1 Chapter 91 Applicability

The CPS structure has an existing Chapter 91 License (License No. 1585). Per 310 CMR 9.22(3)(a), the proposed work qualifies for a Minor Project Modification: *(3) Minor Project Modifications. The licensee may undertake minor modifications to a licensed project, or a project exempt from licensing pursuant to 310 CMR 9.05(3)(b) through (h), without filing an application for license or license amendment. Such modifications are limited to:*

(a) structural alterations which are confined to the existing footprint of the fill or structures being altered and which represent an insignificant deviation from the original specifications of the license, in terms of size, configuration, materials, or other relevant design or fabrication parameters.

As such, MWRA sought concurrence from MassDEP Waterways that the proposed work meets the qualifications of a Minor Project Modification. MWRA submitted a Minor Project Modification request for the proposed work to MassDEP on August 26, 2025. MassDEP Waterways issued Maintenance Approval for this Chapter 91 Administrative Request on September 12, 2025.

5. Statement of Exemption from Boston City Code, Ordinances, Chapter 7-1.4

The MWRA is not seeking review under the Boston Wetlands Ordinance (Boston City Code, Ordinances, Chapter 7-1.4) for this project. MWRA's enabling legislation and longstanding practice confirms that it is not subject to local wetland ordinances that exceed the scope of the Wetlands Protection Act, per Section 3(a) of MWRA's Enabling Act:

There is hereby created and placed in the executive office of environmental affairs a body politic and corporate and a public instrumentality to be known as the Massachusetts Water Resources Authority, which shall be an independent public authority not subject to the supervision or control of the executive office of environmental affairs or of any other executive office, department, commission, board, bureau, agency or political subdivision of the commonwealth except to the extent and in the manner provided in this act. The exercise by the Authority of the powers conferred by this act shall be deemed to be the performance of an essential public function.

While these activities are exempt from local wetland by-laws, MWRA remains committed to minimizing potential impacts to adjacent resource areas and looks forward to working collaboratively with the City to ensure the project preserves existing site conditions and meets all regulatory requirements.

6. Best Management Practices

Best Management Practices (BMPs) shall be implemented for the proposed project with the main objectives being to control soil erosion resulting from construction operations, prevent flow of sediment from construction site, and contain construction materials within protected working areas to prevent damage to the Mystic River. The Contractor is responsible for implementing Best Management Practices

(BMPs) to prevent and minimize erosion and resultant sedimentation during and after construction. Erosion and sedimentation controls applicable to this project are as indicated in Attachment 3, C-501, and include the utilization of straw wattles, hay bales and silt fencing downgradient of the staging and laydown area at DeLauri Pump Station.

7. Climate Change

The proposed project is limited to in-kind repair of the existing seawall and is not anticipated to exacerbate the effects of climate change in the vicinity of the project area. The proposed work is meant to be an immediate stabilization of the seawall to prevent degradation of the wall. This localized repair work is a near-term solution meant to protect the integrity of the seawall and the CPS, as well as protect the nearby wetland resource areas. As the property containing the CPS is located along a tidal section of the Mystic River, sea level rise will continue to impact the seawall and is likely to eventually impact the CPS building itself. Due to the immediate need to stabilize the seawall and protect the CPS, as well as the wetland resource areas in the vicinity of the project, in-kind repair of the seawall is the only alternative that is currently feasible.

Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 3: Plans

MASSACHUSETTS WATER RESOURCES AUTHORITY

CHARLESTOWN PUMP STATION SEAWALL REPAIR

CHARLESTOWN, MASSACHUSETTS

MWRA CONTRACT No. 7990

NOVEMBER 2025



FREDERICK A. LASKEY
EXECUTIVE DIRECTOR



PREPARED BY:

Hazen

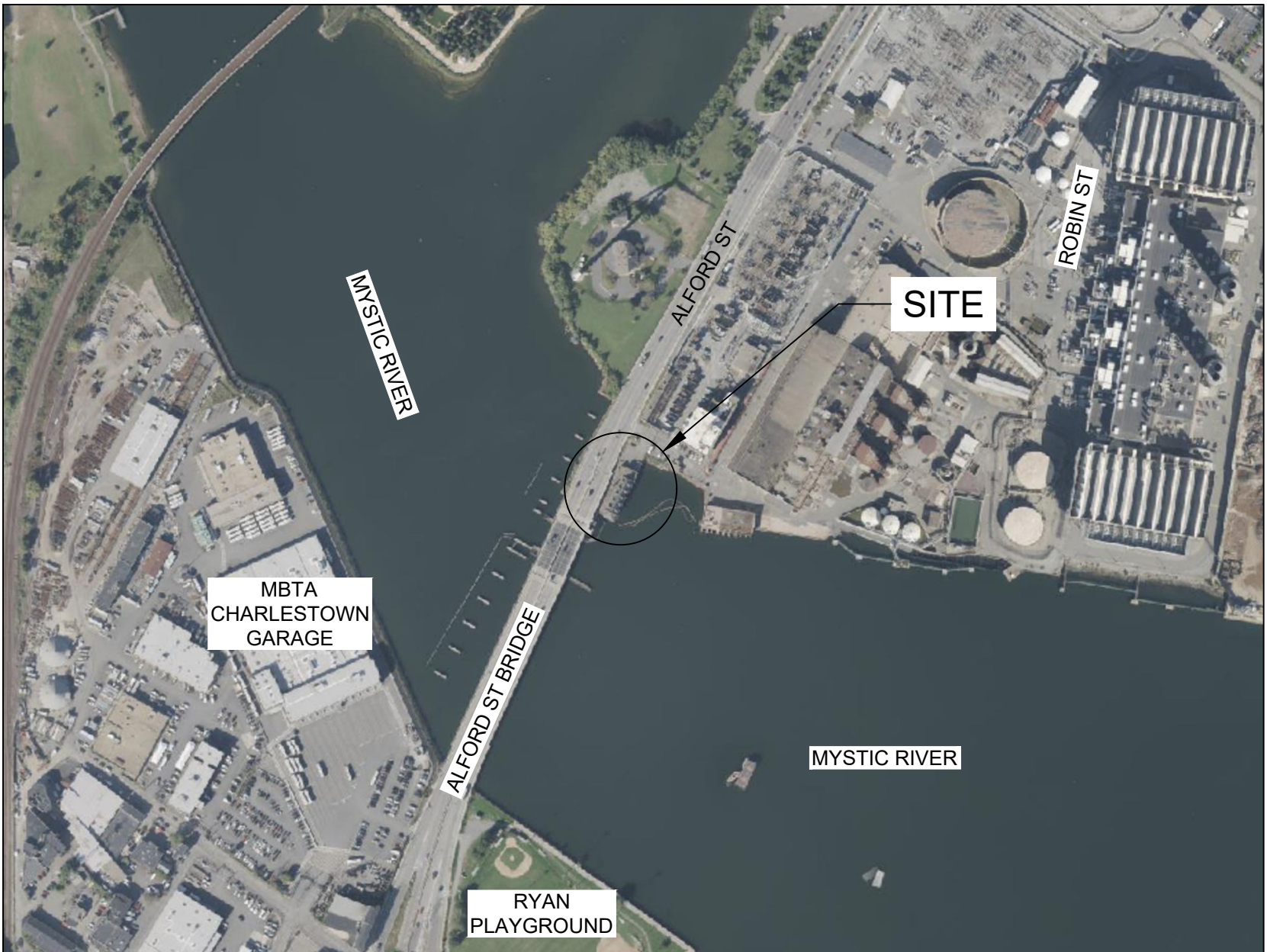
HAZEN AND SAWYER
50 MILK STREET, SUITE 500
BOSTON, MASSACHUSETTS 02109

INDEX OF DRAWINGS

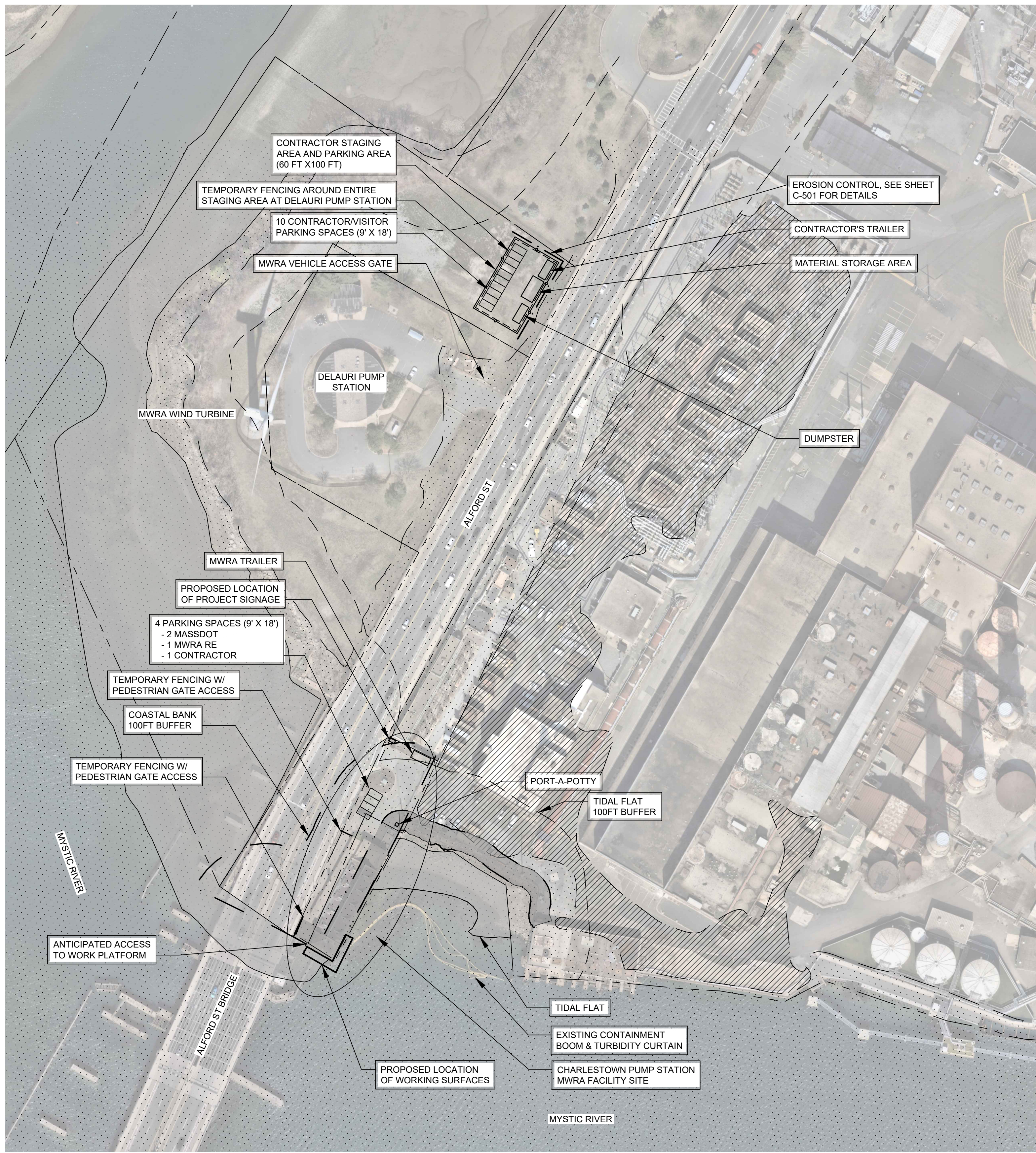
SHEET NUMBER	DRAWING NUMBER	DRAWING TITLE	FACILITY CODE
GENERAL			
1	COVER	COVER SHEET, LOCATION PLAN AND INDEX TO DRAWINGS	CSC
2	G-001	GENERAL NOTES AND CONSTRUCTION SITE LAYOUT AND EROSION CONTROL PLAN	CSC
CIVIL			
3	C-101	OVERALL EXISTING CONDITIONS PLAN	CSC
4	C-501	EROSION CONTROL AND PROJECT IDENTIFICATION SIGN DETAILS	CSC
STRUCTURAL			
5	S-001	GENERAL NOTES	CSC
6	S-101	PLAN, SECTION AND DETAIL	CSC
7	S-102	PHOTO SHEET 1	CSC
8	S-103	PHOTO SHEET 2	CSC

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COVER
SHEET 1 OF 8



LOCATION MAP



CONSTRUCTION SITE LAYOUT AND EROSION CONTROL PLAN
1"=80'

GENERAL NOTES:

- TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON AN ON-THE-GROUND SURVEY PERFORMED BY LANDTECH CONSULTANTS IN OCTOBER OF 2024 UTILIZING HIGH DEFINITION 3D LASER SCANNING AND CONVENTIONAL SURVEY METHODOLOGIES.
- BOUNDARY INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON INFORMATION OBTAINED FROM THE PUBLIC RECORDS (GIS). A RIGHT-OF-WAY SURVEY WAS NOT PERFORMED.
- THE SUBSURFACE UTILITY INFORMATION SHOWN HEREIN IS COMPILED FROM FIELD SURVEY INFORMATION AND RECORD INFORMATION SUPPLIED BY THE AUTHORITY IS NOT GUARANTEED; THEREFORE THE ACCURACY OF SAID COMPILED SUBSURFACE INFORMATION TO ANY CERTAIN DEGREE OF STATED TOLERANCE IS NOT GUARANTEED. ONLY PHYSICALLY LOCATED SUBSURFACE UTILITY FEATURES FALL WITHIN NORMAL STANDARD OF CARE ACCURACIES.
- THE LOCATIONS OF UNDERGROUND PIPES, CONDUITS AND STRUCTURES HAVE BEEN DETERMINED FROM SAID INFORMATION (NOTE 3), AND ARE APPROXIMATE ONLY. COMPILED LOCATIONS OF ANY UNDERGROUND STRUCTURES, NOT VISIBLY OBSERVED AND LOCATED, CAN VARY FROM THEIR ACTUAL LOCATIONS.
- ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE STATUS OF UTILITIES, WHETHER ACTIVE, ABANDONED, OR REMOVED, IS AN UNKNOWN CONDITION.
- THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES IS SUBJECT TO FIELD CONDITIONS, THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT ACCESS TO THE VARIOUS ELEMENTS AND OTHER MATTERS.
- THE BEARINGS AND DISTANCES AND THE COORDINATES SHOWN ON THIS PLAN ARE IN U.S. SURVEY FEET IN THE MASSACHUSETTS. STATE PLANE COORDINATE SYSTEM REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), CORS ADJUSTMENT (NA2011/GEOID 12A) AS DETERMINED BY REDUNDANT GPS OBSERVATIONS PERFORMED IN SEPTEMBER OF 2024 UTILIZING THE MACORS RTK GPS NETWORK.
- VERTICAL DATUM FOR THIS PROJECT IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), CORS ADJUSTMENT (NA2011/GEOID 12A) AS DETERMINED BY REDUNDANT GPS OBSERVATIONS PERFORMED IN SEPTEMBER 2024 UTILIZING THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION MACORS GPS NETWORK. THE ELEVATIONS WERE THEN CONVERTED TO MWRA SEWER DATUM USING A CONVERSION FACTOR OF +106.43'.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS BEFORE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND DIMENSIONS WHERE NEW WORK WILL MATCH EXISTING. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AUTHORITY FOR RESOLUTION PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND NOTIFYING THE PROPER UTILITY COMPANY AND UTILITY LOCATING SERVICES PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES AND UTILITIES PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FROM THE APPROPRIATE AUTHORITIES, DEPARTMENTS, AND/OR AGENCIES HAVING JURISDICTION PRIOR TO COMMENCING WORK AS INDICATED IN SECTION 01060.
- CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES THAT ARE NOT INDICATED TO BE DEMOLISHED, REMOVED, OR RELOCATED. ANY DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES NOT INDICATED TO BE DEMOLISHED, REMOVED OR RELOCATED SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE AUTHORITY.
- WHERE PROPOSED WORK IS IN THE VICINITY OF UTILITY POLES, SUCH THAT SUPPORT OF THE POLE(S) WILL BE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY, PUBLIC OR PRIVATE, OF THE WORK. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY FOR SUPPORT OF THE POLE.
- WHERE OVERHEAD POWER LINES ARE PRESENT, CONTRACTOR MUST CONTACT THE UTILITY PRIOR TO CONSTRUCTION ACTIVITIES TO DETERMINE THE MINIMUM REQUIRED EQUIPMENT CLEARANCE (MEC) DISTANCE.
- ALL TEMPORARY FACILITIES ARE SUBJECT TO THE SAME HEALTH AND SAFETY REQUIREMENTS AS PERMANENT FACILITIES, AS SPECIFIED IN THE CONTRACT DOCUMENTS AND HEALTH AND SAFETY PLAN (HASP).
- THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL DEBRIS GENERATED DURING THE PROJECT OFF SITE AT A PROPERLY PERMITTED DISPOSAL FACILITY.
- CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE AND MAINTAIN ALL PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A MASSACHUSETTS-LICENSED REGISTERED LAND SURVEYOR SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE AUTHORITY.
- CONTRACTOR TO COORDINATE REMOVAL OF EXISTING CONTAINMENT BOOM AND TURBIDITY CURTAIN TIE-OFF FROM SEAWALL PRIOR TO THE START OF WORK.

LEGEND

25' RIVERFRONT AREA	
ZONE X (FEMA FLOOD ZONE)	
ZONE AE (FEMA FLOOD ZONE) AND LAND SUBJECT TO COASTAL STORM FLOWAGE (LSCSF)	
BORDERING LAND SUBJECT TO FLOODING (BLSF)	
TIDAL FLAT	

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NO.	DATE	BY	CHK'D	REVISION	

CONTRACT NO. : 7990	CAD FILE NO. : 7990_CSC_G-001
FACILITY CODE : CSC	DISCIPLINE: GENERAL
DATE: NOVEMBER 2025	DESIGNED BY: J. LEMIEUX
	DRAWN BY: H. MILLER
	CHECKED BY: B. LEVIN
SCALE: NTS	APPROVED BY: C. WILSON



PREPARED BY :

Hazen

HAZEN AND SAWYER
50 MILK STREET, SUITE 500
BOSTON, MASSACHUSETTS 02109

CHARLESTOWN PUMP STATION
SEAWALL REPAIR

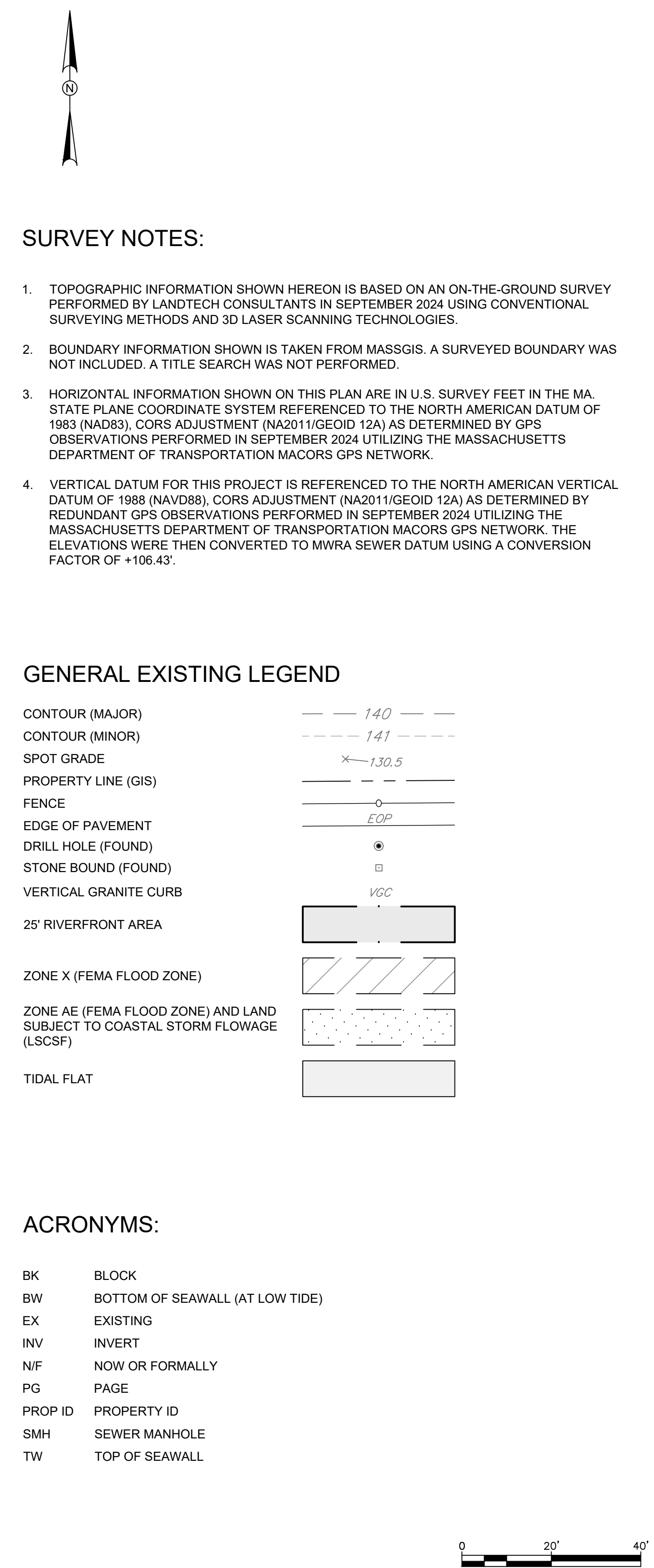
GENERAL

GENERAL NOTES AND CONSTRUCTION SITE LAYOUT
AND EROSION CONTROL PLAN

DRAWING NO.

G-001

2 of 8



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1. PROJECT IDENTIFICATION SIGN IS TO BE PROVIDED AT CHARLESTOWN PUMP STATION SITE.
2. REFERENCE SPECIFICATION SECTION 01620 SIGNS FOR ADDITIONAL REQUIREMENTS



Diagram illustrating the installation of a temporary chain-link fence:

- TEMPORARY CHAIN LINK FENCE
- 8" MIN. STRAW WATTLE
- SANDBAG TO BE PLACED EVERY 8 FEET

Diagram illustrating the construction of a straw wattle structure for erosion control. The structure consists of a central vertical wooden stake (3/4" x 3/4") driven into the ground, with wattle (8" min. straw wattle) attached to it. The wattle is secured by a fiber roll (8" Ø min.) and a wattle sock (8" min. straw wattle entrench wattle / sock). The structure is installed in a trench, with the wattle extending 12" min. into the ground. The top of the wattle is secured by a fiber roll (8" Ø min.) and a wattle sock (8" min. straw wattle entrench wattle / sock). The structure is designed to be driven into the ground until 2" remain exposed. The flow of water is indicated by arrows pointing towards the structure. Dimensions for the wattle height are given as 2" min. and 4" max. The flow direction is indicated by arrows pointing towards the structure.

WATTLE ENTRENCHMENT DETAIL



SECTION



SECTION

HAY BALES SHALL BE SECURED HORIZONTALLY
AND VERTICALLY WITH WOOD OR STEEL STAKES.
LOCATIONS MAY BE FIELD ADJUSTED TO
ACCOMMODATE BEDROCK.

1
C-501

HAY BALE, WATTLE AND SILT FENCE

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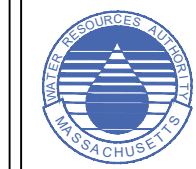
GENERAL STRUCTURAL NOTES

- G-1 THESE NOTES ARE GENERAL AND SUPPLEMENT THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- G-2 ALL DIMENSIONS INDICATED FOR EXISTING STRUCTURES SHALL BE VERIFIED BY FIELD MEASUREMENT BY THE CONTRACTOR AND THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.
- G-3 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED.
- G-4 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- G-5 IF CONTRACTOR DESIRES TO TEMPORARILY PLACE OR MOVE LOADS ON OR ADJACENT TO EXISTING STRUCTURES OR UTILITIES DURING CONSTRUCTION PROCESS, CONTRACTOR IS EXCLUSIVELY RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY AND AVOIDING OVERSTRESSING AND DAMAGING EXISTING STRUCTURES AND UTILITIES. CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS AND DRAWINGS VERIFYING THAT PROPOSED CONSTRUCTION (INCLUDING APPLICATION OF TEMPORARY CONSTRUCTION LOADS) WILL NOT OVERSTRESS OR DAMAGE EXISTING STRUCTURES AND UTILITIES. DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS. DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED FOR RECORD PURPOSES ONLY TO THE ENGINEER AND THE AUTHORITY.
- G-6 WORK DEPICTED SHALL BE PERFORMED TO TEMPORARILY STABILIZE EXTERIOR GRANITE BLOCKS COMPRISING SEAWALL IN THEIR CURRENT POSITION WITHIN THE LIMITS INDICATED ON THE DRAWINGS. THIS EFFORT IS NOT A PERMANENT REPAIR TO THE SEAWALL. ADDITIONAL MATERIALS TESTING, STRUCTURAL ANALYSIS AND DESIGN IS NECESSARY TO PROVIDE A PERMANENT STABILIZATION AS WELL AS TO EVALUATE AND ADDRESS GLOBAL STABILITY OF THE ENTIRE SEAWALL.
- G-7 WORK REQUIRED FOR TEMPORARY GRANITE BLOCK STABILIZATION REQUIRES WORK ON UNDERWATER BLOCKS AS WELL AS BLOCKS ABOVE THE WATER SURFACE. TIDAL FLUCTUATION IS SIGNIFICANT IN THIS AREA AND THE WATER SURFACE ELEVATION FLUCTUATES UP TO 8-10 FEET DUE TO THE TIDAL SCHEDULE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING MEANS TO CONDUCT REPAIR WORK UNDERWATER.
- G-8 CONTRACTOR SHALL SUBMIT FOR APPROVAL MEANS OF PERFORMING WORK BOTH ABOVE THE WATER LEVEL AND UNDERWATER INCLUDING USE OF DIVERS AS NEEDED.
- G-9 PRIOR TO PROCEEDING WITH WORK, CONTRACTOR SHALL ASSESS AREA OF STABILIZATION WITH PRESENCE OF THE AUTHORITY AND ENGINEER. CONTRACTOR SHALL SUBMIT AREAS WHERE GRANITE WEDGE ROCK WILL BE INSERTED TO PROVIDE STABILIZATION WITHIN VOIDS AND WHERE GROUT WILL BE PLACED TO COMPLETE FILLING OF VOIDS.
- G-10 SUBMIT FOR REVIEW AND APPROVAL VALID DIVER CERTIFICATIONS AND TRAININGS FOR ALL DIVERS MEETING OR EXCEEDING LOCAL COMMERCIAL DIVER REQUIREMENTS.
- G-11 FOR ALL GROUT RELATED DESIGN CRITERIA, CODES, AND STANDARDS, SEE SPECIFICATION 03600 - GROUT.

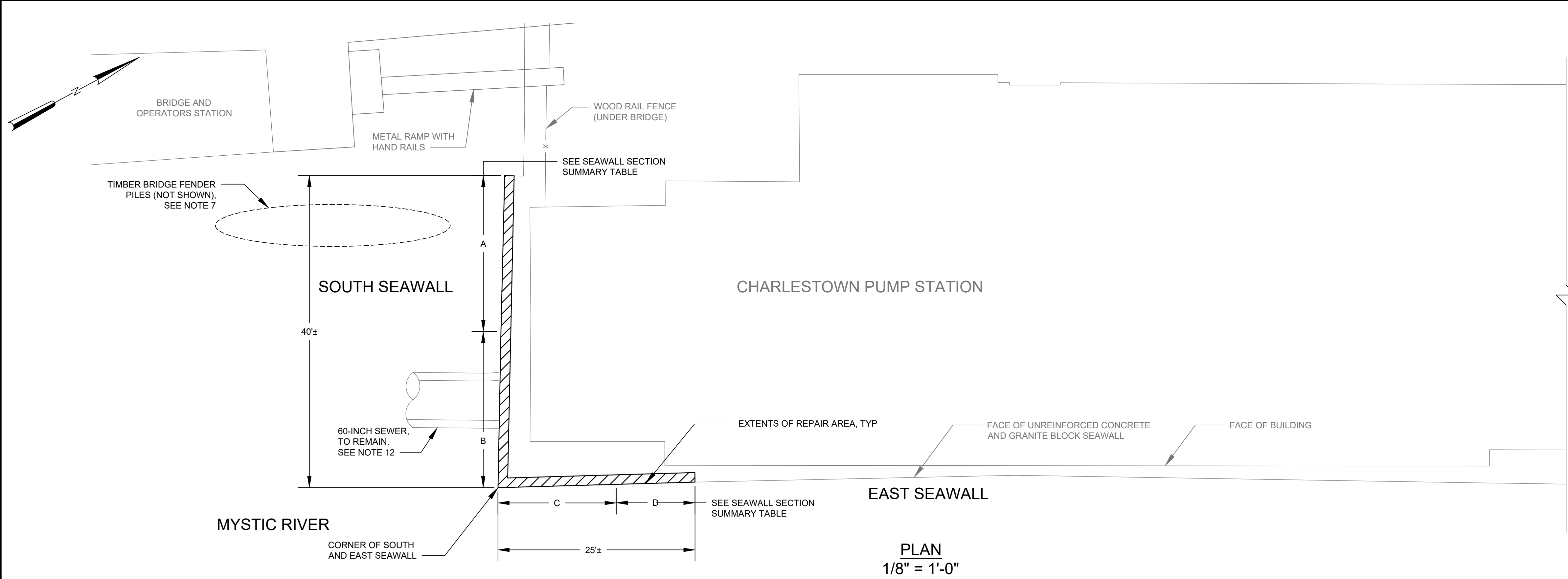
EXISTING INFORMATION

- X-1 ALL EXISTING INFORMATION SHOWN ON THESE DRAWINGS INCLUDING LOCATION, DIMENSIONS, ELEVATIONS, AND CONFIGURATIONS IS DERIVED FROM THE SECTION 25 AND PUMPING STATION, CHARLESTOWN RECORD DRAWINGS (DECEMBER 1895) AND THE ON-THE-GROUND SURVEY PERFORMED BY LANDTECH CONSULTANTS (SEPTEMBER 2024) AND IS NOT GUARANTEED TO BE COMPLETE OR CORRECT.
- X-2 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR MODIFICATIONS.
- X-3 ALL EXISTING PUMP STATION STRUCTURES, INCLUDING BUT NOT LIMITED TO THE MAIN PUMP STATION BUILDING SUPERSTRUCTURE AND SUBSTRUCTURE, SHALL BE MONITORED FOR DAMAGE. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INCURRED DURING CONSTRUCTION AND ALL DAMAGE SHALL BE REPORTED TO THE AUTHORITY.

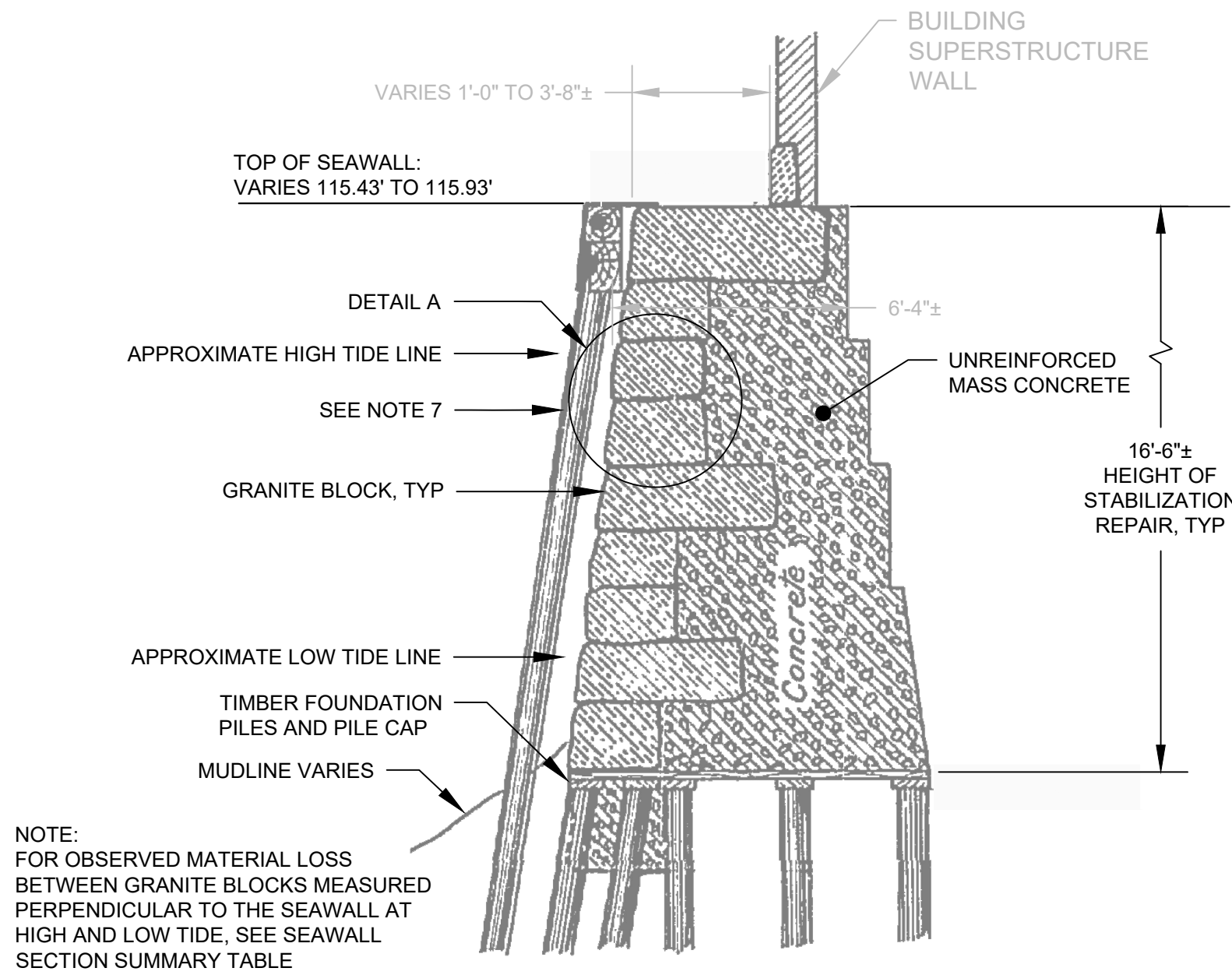
100% R1 SUBMITTAL - NOT FOR CONSTRUCTION FOR PERMITTING USE ONLY

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					FACILITY CODE : CSC	DISCIPLINE: STRUCTURAL						S-001	
					DATE: OCTOBER 2025	DESIGNED BY: I. GREWAL DRAWN BY: J. KASISCHKE							
					SCALE: AS SHOWN	CHECKED BY: S. MANZO APPROVED BY: C. WILSON							
NO.	DATE	BY	CHK'D	REVISION									5 of 8

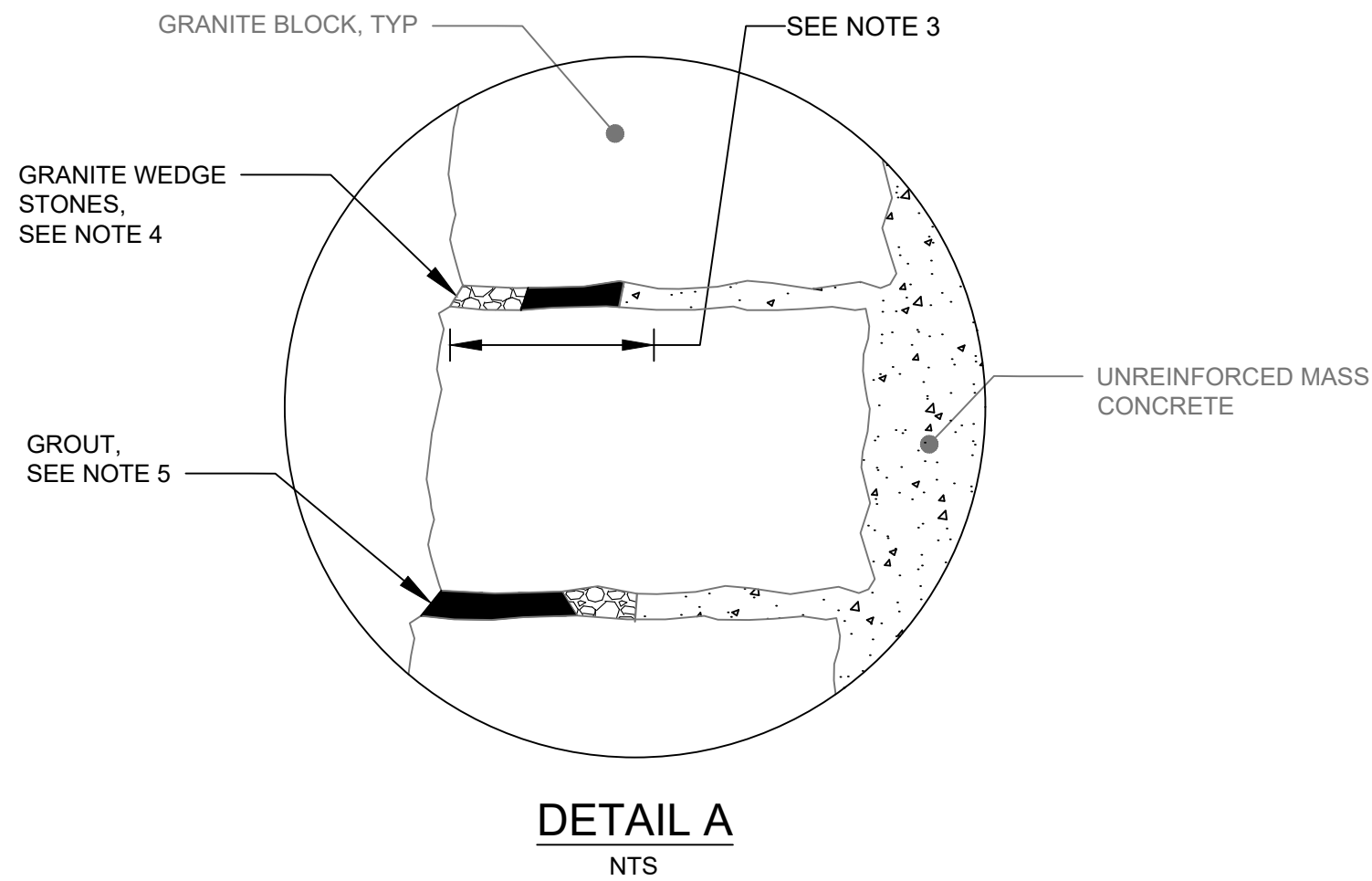
PLOT DATE: 2025/10/16 2:56 PM BY: HMILLER



PLAN
1/8" = 1'-0"



TYPICAL SECTION
1/4" = 1'-0"



DETAIL A
NTS

- NOTES:
- EXTENT OF WORK IS LIMITED TO THE HATCHED DIMENSIONED AREAS ON THE SOUTH AND EAST SEAWALL ABUTTING THE CHARLESTOWN PUMP STATION BUILDING.
 - QUANTITY OF WORK SHALL BE AS COMPILED ON BID FORM WITHIN SPECIFICATIONS AND AS DESCRIBED ON THESE DRAWINGS.
 - EXTENT OF VOIDS SHOWN ARE FOR APPROXIMATE FOR QUANTIFYING WORK FOR BID PURPOSES. REMOVE ALL LOOSE GROUT OR DEBRIS FROM VOIDED AREAS BETWEEN GRANITE BLOCKS. CLEAN EXPOSED SURFACES AND SURFACES IN JOINTS BETWEEN GRANITE BLOCKS PRIOR TO PLACING GRANITE WEDGE STONES AND NEW GROUT.
 - PLACE GRANITE WEDGE STONE IN VOIDED AREAS LARGER THAN 4" OR WHERE INDICATED ON THE PLAN. GRANITE WEDGE STONES SHALL BE TIGHTLY PACKED AND SECURED IN PLACE PRIOR TO GROUT PLACEMENT TO ENSURE WEDGE STONES DO NOT MOVE DURING GROUT PLACEMENT AND REMAIN IN PLACE TO PROVIDE ADEQUATE SUPPORT OF ADJACENT WEDGE STONES AND GRANITE BLOCKS AFTER GROUT PLACEMENT. GRANITE WEDGE STONES ARE DEFINED AS ROCK WITH A MINIMUM 3/4" OR MAXIMUM 3" MEASURED ACROSS THE LONGEST DIMENSIONAL SIDE OF ROCK. GRANITE WEDGE STONES SHALL CONFORM TO ASTM C615/C615M-23. WEDGE STONES SHALL BE TIGHTLY PACKED AND PLACED WITH FULL SURFACE CONTACT WITH ADJACENT WEDGE STONE OR STONE BLOCKS.
 - FILL ALL VOIDS BETWEEN GRANITE BLOCKS AND GRANITE WEDGE STONE WITH GROUT AS PER SPECIFICATION 03600. GROUT SHALL EXTEND TO EXPOSED FACE OF GRANITE BLOCKS. WHERE GRANITE BLOCKS HAVE SHIFTED, INSTALL GROUT TO THE EXPOSED FACE OF GRANITE BLOCKS.
 - CLEAN ANY EXCESS GROUT FROM FACE OF GRANITE BLOCKS. FINISHED GRANITE BLOCK FACES SHALL BE CLEAR OF ANY GROUT.
 - TIMBER BRIDGE FENDER PILES SHALL REMAIN DURING STABILIZATION REPAIRS. SEE DRAWINGS S-102 AND S-103 FOR PHOTOS OF PILES.
 - DIMENSIONS "A" AND "B" SHOWN IN SEAWALL SECTION SUMMARY TABLE DENOTES MEASUREMENT FROM THE FACE OF GRANITE BLOCK TO SOUND BACKING MATERIAL. DIMENSION "A" IS TAKEN APPROXIMATELY ALONG THE GROUT LINE BELOW THE SECOND GRANITE BLOCK. DIMENSION "B" IS TAKEN APPROXIMATELY ALONG THE GROUT LINE BELOW THE SIXTH GRANITE BLOCK. STABILIZATION REPAIRS ARE TO BE PERFORMED FOR THE FULL HEIGHT OF THE SEAWALL.
 - CONTRACTOR SHALL VERIFY DIMENSIONS SHOWN IN SEAWALL SECTION SUMMARY TABLE PRIOR TO CONSTRUCTION. DEPTH OF MATERIAL LOSS IS A MEASURED APPROXIMATE AVERAGE ACROSS THE GRANITE BLOCK JOINTS.
 - SEAWALL SECTION SUMMARY TABLE IS PROVIDED TO ASSIST IN QUANTIFYING WORK FOR BID PURPOSES. REFER TO NOTES ON THIS DRAWING FOR ADDITIONAL CLARITY.
 - SEAWALL SECTION WAS DEVELOPED USING A COMBINATION OF RECORD DRAWINGS AND FIELD MEASUREMENTS, THEREFORE THE SCALE MAY NOT BE 100% ACCURATE.
 - INVERT ELEVATION OF EXISTING 60-INCH SEWER IS FROM RECORD DRAWING SECTION 25.6 LINE A-B. ELEVATION CONVERTED FROM 100' BELOW BOSTON CITY BASE TO MWRA SEWER DATUM. PLEASE NOTE THAT THE EXISTING 60-INCH SEWER IS LOCATED BELOW THE FOUNDATION OF THE CPS BUILDING AND IS NOT INCLUDED IN THE LIMITS OF WORK.

SEAWALL SECTION SUMMARY TABLE			
AREA	DEPTH OF GROUT LOSS FROM FACE OF THE GRANITE BLOCKS (INCHES)		LENGTH ALONG SEAWALL (FEET), APPROXIMATED
	APPROXIMATE HIGH TIDE LINE	APPROXIMATE LOW TIDE LINE	
A	15	15	20
B	25	36	20
C	36	36	15
D	20	15	10

LEGEND	
	LIMIT OF SEAWALL STABILIZATION
	GRANITE WEDGE STONES

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PHOTO 1 : EAST SEAWALL, HIGH TIDE



PHOTO 2 : EAST SEAWALL, LOW TIDE



PHOTO 3 : EAST SEAWALL, HIGH TIDE CLOSE UP OF SHIFTED GRANITE BLOCKS AT CORNER



PHOTO 4: CORNER OF SOUTH AND EAST SEAWALL, HIGH TIDE



PHOTO 5: SPACE BETWEEN GRANITE BLOCKS AT CORNER OF SOUTH AND EAST SEAWALL



PHOTO 6: ENLARGED VIEW OF TYPICAL JOINT BEARING LOSS AT CORNER OF SOUTH AND EAST SEAWALL

100% R1 SUBMITTAL - NOT FOR CONSTRUCTION FOR PERMITTING USE ONLY

						CONTRACT NO. : 7990	CAD FILE NO. : 7990_CSC_S-102		 MASSACHUSETTS WATER RESOURCES AUTHORITY	CHARLESTOWN PUMP STATION SEAWALL REPAIR		DRAWING NO. S-102
					FACILITY CODE : CSC	DISCIPLINE: STRUCTURAL						
					DATE: OCTOBER 2025	DESIGNED BY: I. GREWAL DRAWN BY: J. KASISCHKE CHECKED BY: S. MANZO APPROVED BY: C. WILSON						
					SCALE: AS SHOWN							
NO.	DATE	BY	CHK'D	REVISION						STRUCTURAL PHOTO SHEET 1		7 of 8

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PHOTO 7: EAST SEAWALL, LOW TIDE



PHOTO 8: CORNER OF SOUTH AND EAST SEAWALL, LOW TIDE



PHOTO 9: TIMBER BRIDGE FENDER PILES ADJACENT TO SOUTH SEAWALL



PHOTO 10: EXTENTS OF SOUTH SEAWALL STABILIZATION

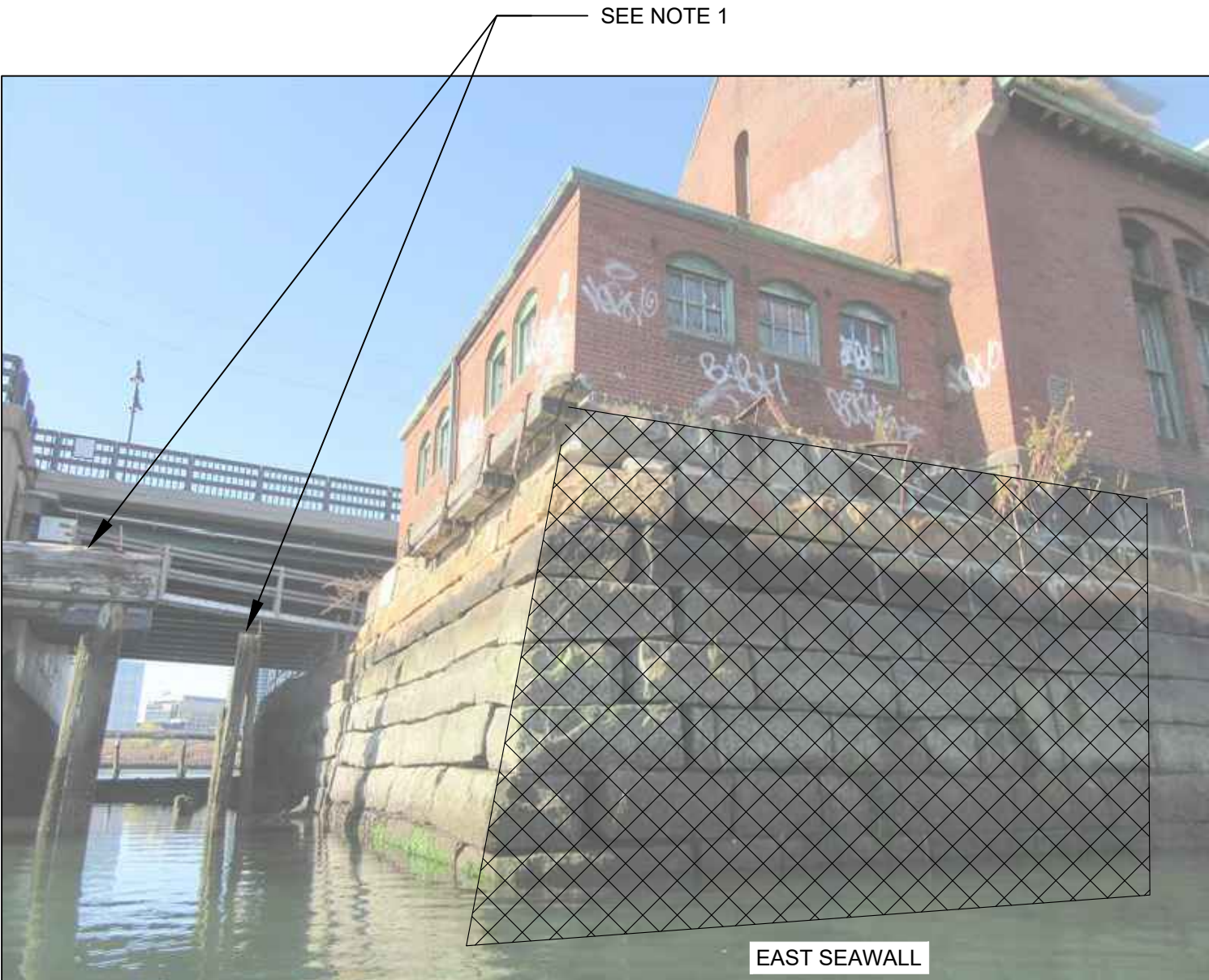


PHOTO 11: EXTENTS OF EAST SEAWALL STABILIZATION

- NOTES:
- 1. CONTRACTOR SHALL CONSIDER PROXIMITY OF TIMBER BRIDGE FENDER PILES NEAR SOUTH SEAWALL AND AVOID DAMAGING THESE PILES DURING CONSTRUCTION. TIMBER BRIDGE FENDER PILES SHALL REMAIN IN PLACE DURING CONSTRUCTION.
 - 2. LIMITS OF STABILIZATION SHOWN ARE APPROXIMATED AND DO NOT INCLUDE THE STABILIZATION TO BE PERFORMED BELOW THE WATER LINE. SEE DRAWING S-101 FOR PLAN VIEW OF WORK EXTENTS.

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Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 4: Property Owners

Charlestown Pump Station

Parcel ID: 0201831000

Address: 169-171 Alford ST, CHARLESTOWN, MA 02129

Owner: COMMWLTH OF MASS

Parcel ID: 0201831001

Address: Alford ST, CHARLESTOWN, MA 02129

Owner: CITY OF BOSTON

DeLauri Pump Station

Parcel ID: 0201834080

Address: 172 Alford ST, CHARLESTOWN, MA 02129

Owner: MASS WATER RESOURCES AUTH

Parcel ID: 0201834120

Address: 172 Alford ST, CHARLESTOWN, MA 02129

Owner: MASS WATER RESOURCES AUTH

Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 5: Proof of Mailing to Division of Marine
Fisheries – North Shore Office



MASSACHUSETTS WATER RESOURCES AUTHORITY

Chelsea Facility
2 Griffin Way
Chelsea, Massachusetts 02150

Telephone: (617) 242-6000
Facsimile: (617) 305-5990

Frederick A. Laskey
Executive Director

October 22, 2025

Division of Marine Fisheries
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Re: Notice of Intent Submission for the Charlestown Pump Station Seawall Repair Project in Charlestown, Massachusetts

To Whom It May Concern,

The Massachusetts Water Resources Authority (MWRA) is submitting a Notice of Intent (NOI) pursuant to Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 to perform work within Land under Water Bodies and Waterways, Bordering Land Subject to Flooding, 25-foot Riverfront Area, and Land Subject to Coastal Storm Flowage. A portion of this work is located below the mean high waterline, and we are therefore providing a copy of the NOI submittal package to the Division of Marine Fisheries.

The proposed project referenced above will take place at the Charlestown Pump Station (CPS), located at 169-171 Alford Street, Charlestown, MA, adjacent to the Alford Street Drawbridge and bordered by the Mystic River. The CPS is owned by the Commonwealth of Massachusetts and is under the care, custody, and control of the MWRA.

The MWRA proposes stabilizing approximately 65 linear feet of the southern and eastern granite block seawall by installing wedge blocks in larger voids and joints, followed by grout injection and possible dry packing of grout. All work on the seawall will occur above the mudline. There is no work proposed on the interior or exterior of the CPS building itself and the proposed work will not change the structural dimensions, footprint, or use of the CPS. Other work areas include the parking lot adjacent to the CPS structure for temporary staging, laydown, parking, and trailer by MWRA and the selected contractor. Additional staging, laydown, and parking areas shall be utilized at the MWRA-operated DeLauri Pump Station, located across Alford Street (Route 99) from the CPS.

Should you have any questions or require additional information, please contact me at 857-331-2574 or colleen.rizzi@mwra.com

Sincerely,

A handwritten signature in blue ink that reads "Colleen C. Rizzi".

Colleen Rizzi, P.E.
Director of Environmental and Regulatory Affairs
Massachusetts Water Resources Authority

Enclosures: Attachment 1: WPA Form 3 – Notice of Intent
 Attachment 2: Project Description and Figures
 Attachment 3: Plans
 Attachment 4: Property Owners
 Attachment 5: Proof of Mailing to Division of Marine Fisheries – North Shore Office
 Attachment 6: Stormwater Checklist and Report
 Attachment 7: Abutter Notification Information
 Attachment 8: NOI Wetland Fee Transmittal Form

cc: Brian Kubaska, P.E., MWRA
 Andrea Adams, MWRA
 Caitlin Carbonello, MWRA
 Julianne Sullivan Thakur, MWRA
 Hillary Monahan, MWRA
 Chuck Wilson, Hazen and Sawyer
 Jaclyn Lemieux, Hazen and Sawyer
 Joseph Buckley, Hazen and Sawyer
 Natalie Wiegman, Hazen and Sawyer
 Julia Kelly, Hazen and Sawyer

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Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 6: Stormwater Checklist and Report

Checklist for Stormwater Report

A. Introduction

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



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the [Massachusetts Stormwater Handbook](#). The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.¹ This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8²
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

¹ The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

² For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.

Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

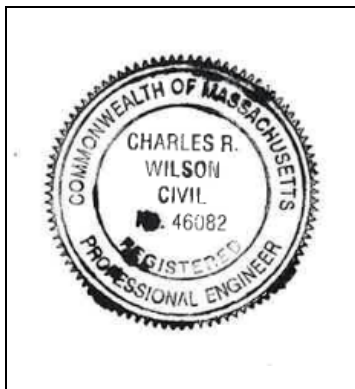
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature



A handwritten signature in black ink, appearing to read 'CRW', written over a horizontal line.

10/17/2025

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

- ☐ New development
- ☒ Redevelopment
- ☐ Mix of New Development and Redevelopment

Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- ☐ No disturbance to any Wetland Resource Areas
- ☐ Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- ☐ Reduced Impervious Area (Redevelopment Only)
- ☐ Minimizing disturbance to existing trees and shrubs
- ☐ LID Site Design Credit Requested:
 - ☐ Credit 1
 - ☐ Credit 2
 - ☐ Credit 3
- ☐ Use of “country drainage” versus curb and gutter conveyance and pipe
- ☐ Bioretention Cells (includes Rain Gardens)
- ☐ Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- ☐ Treebox Filter
- ☐ Water Quality Swale
- ☐ Grass Channel
- ☐ Green Roof
- ☒ Other (describe): Alteration of all resource areas is limited to 65 linear feet of seawall. No stormwater impact is associated with the work.

Standard 1: No New Untreated Discharges

- ☒ No new untreated discharges
- ☐ Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- ☐ Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.

Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

- ☒ Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.
- ☐ Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.
- ☐ Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

- ☐ Soil Analysis provided.
- ☐ Required Recharge Volume calculation provided.
- ☐ Required Recharge volume reduced through use of the LID site Design Credits.
- ☐ Sizing the infiltration, BMPs is based on the following method: Check the method used.
 - ☐ Static
 - ☐ Simple Dynamic
 - ☐ Dynamic Field¹
- ☐ Runoff from all impervious areas at the site discharging to the infiltration BMP.
- ☐ Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.
- ☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume.
- ☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:
 - ☐ Site is comprised solely of C and D soils and/or bedrock at the land surface
 - ☐ M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
 - ☐ Solid Waste Landfill pursuant to 310 CMR 19.000
 - ☐ Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.
- ☐ Calculations showing that the infiltration BMPs will drain in 72 hours are provided.
- ☐ Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

¹ 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.

Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

- ☐ The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.
- ☐ Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
 - Provisions for storing materials and waste products inside or under cover;
 - Vehicle washing controls;
 - Requirements for routine inspections and maintenance of stormwater BMPs;
 - Spill prevention and response plans;
 - Provisions for maintenance of lawns, gardens, and other landscaped areas;
 - Requirements for storage and use of fertilizers, herbicides, and pesticides;
 - Pet waste management provisions;
 - Provisions for operation and management of septic systems;
 - Provisions for solid waste management;
 - Snow disposal and plowing plans relative to Wetland Resource Areas;
 - Winter Road Salt and/or Sand Use and Storage restrictions;
 - Street sweeping schedules;
 - Provisions for prevention of illicit discharges to the stormwater management system;
 - Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
 - Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
 - List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.
- ☐ A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.
 - ☐ Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:
 - ☐ is within the Zone II or Interim Wellhead Protection Area
 - ☐ is near or to other critical areas
 - ☐ is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
 - ☐ involves runoff from land uses with higher potential pollutant loads.
 - ☐ The Required Water Quality Volume is reduced through use of the LID site Design Credits.
 - ☐ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.

Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

- ☐ The BMP is sized (and calculations provided) based on:
 - ☐ The ½" or 1" Water Quality Volume or
 - ☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.
- ☐ The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.
- ☐ A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

- ☐ The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.
- ☐ The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted **prior to** the discharge of stormwater to the post-construction stormwater BMPs.
- ☐ The NPDES Multi-Sector General Permit does **not** cover the land use.
- ☐ LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.
- ☐ All exposure has been eliminated.
- ☐ All exposure has **not** been eliminated and all BMPs selected are on MassDEP LUHPPL list.
- ☐ The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas

- ☐ The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.
- ☐ Critical areas and BMPs are identified in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

- ☒ The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:
 - ☒ Limited Project
 - ☐ Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
 - ☐ Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
 - ☐ Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
 - ☐ Bike Path and/or Foot Path
 - ☒ Redevelopment Project
 - ☐ Redevelopment portion of mix of new and redevelopment.
- ☐ Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.
- ☐ The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
 - Construction Period Operation and Maintenance Plan;
 - Names of Persons or Entity Responsible for Plan Compliance;
 - Construction Period Pollution Prevention Measures;
 - Erosion and Sedimentation Control Plan Drawings;
 - Detail drawings and specifications for erosion control BMPs, including sizing calculations;
 - Vegetation Planning;
 - Site Development Plan;
 - Construction Sequencing Plan;
 - Sequencing of Erosion and Sedimentation Controls;
 - Operation and Maintenance of Erosion and Sedimentation Controls;
 - Inspection Schedule;
 - Maintenance Schedule;
 - Inspection and Maintenance Log Form.
- ☐ A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

- ☐ The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has **not** been included in the Stormwater Report but will be submitted **before** land disturbance begins.
- ☒ The project is **not** covered by a NPDES Construction General Permit.
- ☐ The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.
- ☐ The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan

- ☐ The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:
 - ☐ Name of the stormwater management system owners;
 - ☐ Party responsible for operation and maintenance;
 - ☐ Schedule for implementation of routine and non-routine maintenance tasks;
 - ☐ Plan showing the location of all stormwater BMPs maintenance access areas;
 - ☐ Description and delineation of public safety features;
 - ☐ Estimated operation and maintenance budget; and
 - ☐ Operation and Maintenance Log Form.
- ☐ The responsible party is **not** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:
 - ☐ A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
 - ☐ A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges

- ☐ The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;
- ☐ An Illicit Discharge Compliance Statement is attached;
- ☐ NO Illicit Discharge Compliance Statement is attached but will be submitted **prior to** the discharge of any stormwater to post-construction BMPs.

Hazen *Stormwater Report*

Applicant/Project Name: Massachusetts Water Resources Authority (MWRA)

Project Address: 169-171 Alford Street, Charlestown, MA 02129

Firm and Registered Professional Engineer: Hazen and Sawyer, Chuck Wilson, PE

Project Description

The proposed project involves temporary, localized stabilization of approximately 65 linear feet of the southeast corner of the existing seawall at the Charlestown Pump Station (CPS), located at 169–171 Alford Street (Route 99) in Charlestown, Massachusetts. The CPS is adjacent to the Alford Street Drawbridge and is bordered by the Mystic River on its southern and eastern sides. The proposed work does not include the addition of any stormwater structures or BMPs and should not include any land disturbance. Due to the nature of the project, the following stormwater management standards/controls are not applicable and are omitted from this report:

- Long-term Pollution Prevention Plan
- Construction Period Pollution Prevention Plan
- Erosion and Sediment Control Plan
- BMPs
- Soil Evaluations
- Drainage Area Evaluations
- LUHPPL

The stabilization work will be performed on the granite blocks of the seawall, which serve as a protective veneer for the underlying concrete gravity seawall. The project is designed to limit further deterioration of the seawall and does not alter the dimensions or use of the CPS building or seawall. No work will occur inside or outside the CPS building structure.

Existing Conditions

The CPS was constructed in 1895 and remained operational until 1993. While it has been vacant since 2001, an active 60-inch Cambridge Branch Sewer main runs through its foundation beneath the Mystic River. The seawall consists of nine courses of 2-foot-thick granite blocks keyed into and supported by an unreinforced concrete gravity wall. These granite blocks were originally constructed over timber piles and are further secured with grout bedding.

Over time, the seawall has been exposed to high river flows, tidal fluctuations, and freeze-thaw cycles, leading to the loss of grout and movement of the granite blocks. The proposed stabilization aims to address these issues without altering the structural footprint or elevation.

Regulatory Criteria

In accordance with 310 Code of Massachusetts Regulations (CMR) 10.05 (6)(k), construction and redevelopment in resource areas under the jurisdiction of the Massachusetts Wetlands Protection Act shall be managed according to the Massachusetts Stormwater Management Standards. The project area is located within Land Under Water Bodies and Waterways, Bordering Land Subject to Flooding, Riverfront Area, and Land Subject to Coastal Storm Flowage. Therefore, regulation 310 (CMR) 10.05 (6)(k) is applicable to this project. In addition, the Massachusetts Stormwater Handbook defines redevelopment projects as the following:

- Maintenance and improvement of existing roadways, including widening less than a single lane, adding shoulders, correcting substandard intersections, improving existing drainage systems, and repaving;
- Development, rehabilitation, expansion and phased projects on previously developed sites, provided the redevelopment results in no net increase in impervious area; and
- Remedial projects specifically designed to provide improved stormwater management, such as projects to separate storm drains and sanitary sewers and stormwater retrofit projects.

The proposed project will include rehabilitation on previously developed sites, and will not result in an increase in impervious area. The project seeks to repair and stabilize the exterior granite block veneer of the seawall. Therefore, the project qualifies redevelopment since it is not creating additional impervious cover, and only includes development rehabilitation on a previously developed site. The following section describes how the proposed stormwater management design addresses each of the applicable standards. Since the project qualifies as redevelopment, the project is required to meet the standards to the maximum extent practicable.

Standard 1: No new Stormwater conveyances may discharge untreated stormwater directly or cause erosion in wetlands or waters of the Commonwealth – Standard does not apply

This project does not include new Stormwater conveyance structures.

Standard 2: Stormwater management systems shall be designed so that post-development peak discharge rates do not exceed pre-development peak discharge rates – Standard waived

The project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.

Standard 3: Loss of annual recharge to groundwater should be eliminated or minimized through the use of infiltration measures – Standard does not apply

This project does not cause loss of annual recharge to groundwater.

Standard 4: Stormwater management systems shall be designed to remove 80% of the average annual post-construction load of Total Suspended Solids (TSS) – Standard does not apply

This project does not include new Stormwater management systems.

Standard 5: For land uses with higher potential pollutant loads, source control and pollution prevention shall be implemented to eliminate or reduce the discharge of stormwater runoff from such land uses to the maximum extent practicable – Standard does not apply

No land with higher potential pollutant loads exist in the project area.

Standard 6: Stormwater discharges to critical areas require the use of specific source control and pollution prevention measures and specific structural stormwater best management practices determined by the Department – Standard does not apply

This project does not include stormwater discharge to critical areas.

Standard 7: A redevelopment project is required to meet the following Stormwater Management Standards only to the maximum extent practicable: Standard 2, Standard 3, and the pretreatment and structural best management practice requirements of Standards 4, 5, and 6 - Standard has been met

The project has been designed to meet and conform to the standards to the maximum extent practicable.

Standard 8: A plan to control construction-related impacts including erosion, sedimentation and other pollutant sources during construction and land disturbance activities shall be developed and implemented.

Best Management Practices (BMPs) shall be implemented for the proposed project with the main objectives being to control soil erosion resulting from construction operations, prevent flow of sediment from construction site, and contain construction materials within protected working areas to prevent damage to any road way or river. The Contractor is responsible for implementing Best Management Practices (BMPs) to prevent and minimize erosion and resultant sedimentation in all cleared and grubbed areas during and after construction. Erosion and sedimentation controls applicable to this project are as indicated in Attachment 3, C-501, of this NOI, and include the utilization of straw wattles, hay bales and silt fencing.

Standard 9: A long-term operation and maintenance plan shall be developed and implemented to ensure that stormwater management systems function as designed – Standard does not apply

There were no stormwater systems designed for this project.

Standard 10: All illicit discharges to the stormwater management system are prohibited – Standard does not apply

The project does not propose illicit discharges to the stormwater management system.

Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 7: Abutter Notification Information

COMMWLTH OF MASS
169 ALFORD
CHARLESTOWN, MA 02129
0201831000
169 Alford ST, CHARLESTOWN, MA 02129

MASS WATER RESOURCES AUTH
100 FIRST AV
CHARLESTOWN, MA 02129
0201834080
Alford ST, CHARLESTOWN, MA 02129

CITY OF BOSTON
ONE CITY HALL SQ
BOSTON, MA 02201
0201831001
Alford ST, CHARLESTOWN, MA 02129

MASS WATER RESOURCES AUTH
100 FIRST AV
CHARLESTOWN, MA 02129
0201834120
Alford ST, CHARLESTOWN, MA 02129

BOSTON WATER & SEWER COMMISSION
ALFORD ST
CHARLESTOWN, MA 02129
0201834050
Alford ST, CHARLESTOWN, MA 02129

MDC ENCORE HOLDINGS LLC
C/O ENCORE BOSTON HARBOR/JOHN SANTON, CFO
ONE BROADWAY
EVERETT, MA 02149
0201835000
Alford ST, CHARLESTOWN, MA 02129

173 ALFORD STREET LLC
1 BROADWAY
EVERETT, MA 02149
0201832000
173 Alford ST, CHARLESTOWN, MA 02129



**AFFIDAVIT OF SERVICE
FOR ABUTTER NOTIFICATION**

**Under the Massachusetts Wetlands Protection Act
and Boston Wetlands Ordinance**

I, Jaclyn Lemieux, hereby certify under pains and penalties of perjury that that at least one week prior to the public hearing, I gave notice to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent was filed under the Massachusetts Wetlands Protection Act and/or the Boston Wetlands Ordinance by Massachusetts Water Resources Authority for the Charlestown Pump Station Seawall Repairs Project located at 169-171 Alford Street, Charlestown, MA 02129.

The Abutter Notification For, the list of abutters to whom it was given, and their addresses are attached to this Affidavit of Service.

 Digitally signed by Jaclyn Lemieux
DN: c=US,
E=jlemieux@hazenandsawyer.com,
CN=Jaclyn Lemieux
Date: 2025.11.06 09:48:54 -0500

Name

11/6/2025

Date



NOTIFICATION TO ABUTTERS
BOSTON CONSERVATION COMMISSION

By Hand Delivery, Certified Mail (return receipt requested), or Certificates of Mailing

This notification is required by law. You have received it because you are an abutting property owner to the project described below. The project requires a permit under the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40) and/or the Boston Wetlands Ordinance (Boston City Code, Ordinances, Chapter 7-1.4). This notice does not automatically mean you have standing to appeal decisions made about the project. To learn how to request departmental action for the underlying matter, see 310 CMR 10.05(7)(a)4 of the Massachusetts Wetlands Protection Act regulations.

- A. Massachusetts Water Resources Authority (MWRA) has filed a request for a Notice of Intent with the Boston Conservation Commission seeking permission to alter an area subject to protection under the Wetlands Protection Act (M.G.L. c. 131, § 40) and/or the Boston Wetlands Ordinance (Boston City Code, Ordinances, Chapter 7-1.4).
- B. The address of the lot where the activity is proposed is 169 Alford Street, Charlestown, MA 02129 Parcel #0201831000 and #0201831001.
- C. The project involves stabilizing approximately 65 linear feet of the southern and eastern seawall granite blocks by installing wedge blocks in larger voids and joints, followed by grout injection and possible dry packing grout at the Charlestown Pump Station. Additional staging, laydown, and parking areas may be utilized at the MWRA-operated DeLauri Pump Station across Alford Street.
- D. Information about the proposed project, as well as the date and time of the public hearing, can be obtained from Boston Conservation Commission staff by contacting them at cc@boston.gov or 617-635-3850 between the hours of 9 am - 5 pm, Monday - Friday.
- E. Copies of the application may also be obtained from Colleen Rizzi (MWRA) by contacting them at 617-570-5412 between the hours of 8 am - 3pm, Monday-Friday.
- F. In accordance with Chapter 107 of the Acts of 2022, the public hearing will take place virtually at <https://us02web.zoom.us/j/86801723247>. If you are unable to use Zoom, you can call 1-929-205-6099, enter Meeting ID 868 0172 3247 #, and use # as your participant ID to participate in the hearing.
- G. Notice of the public hearing, including its date, time, and place, will be published at least five (5) business days in advance of the meeting in the Boston Herald and on www.boston.gov/public-notices.
- H. If you would like to provide comments, you may attend the public hearing or send written comments to cc@boston.gov or Environment Department, 1 City Hall Square, Room 709, Boston, MA 02201.
- I. If you plan to attend the public hearing and are in need of interpretation, please notify staff at cc@boston.gov by noon on the Friday before the hearing. Please note that you must use Zoom to access interpretation services.
- J. For general questions about the Wetlands Protection Act, you may contact the Massachusetts Department of Environmental Protection (MassDEP) Northeast Regional Office (NERO) by calling the MassDEP NERO Wetlands Helpline at 978-694-3405. MassDEP NERO Staff do not have detailed information about this project.



致相邻住户的通知

波士顿保护委员会

通过人工送递、挂号信(要求回执)或邮寄证明书送递

法律要求作出此通知。您收到此信函,是因为您是以下所述项目的相邻房地产业主。该项目需要根据《马萨诸塞州湿地保护法》(M.G.L. c.131,§40)和/或《波士顿湿地法令》(波士顿市法典、法令,第7-1.4章)获得许可。此通知并不自动意味着您有权对项目的决定提出上诉。如需了解如何就相关事项请求部门采取行动,请参阅《马萨诸塞州湿地保护法》法规 310 CMR 10.05(7)(a)4。

A. 马萨诸塞州水资源管理局 (MWRA) 已向波士顿保护委员会提交了一份 **意向通知** 的申请, 申请获得许可, 以变更一个根据《湿地保护法》(M.G.L.c.131,§40) 和/或《波士顿湿地法令》(波士顿市法典、法令, 第7-1.4章) 获得许可。

B. 拟举办活动的场地地址是: 169 Alford Street, Charlestown, MA 02129, 地号 #0201831000 和 #0201831001。

C. 该项目涉及

马萨诸塞州水资源管理局 (MWRA) 提议将65英尺长防波堤的南面和东面花岗岩块进行加强保固在较大的空隙和接缝处安装楔形块体, 然后进行灌浆, 并可能于Charlestown抽水站进行干式灌浆。额外的搭建、堆叠和停放区域将使用位于Alford街对面MWRA营运的Delaury 抽水站。

D. 有关拟议项目的相关信息、以及公开听证会的日期和时间, 可在周一至周五上午 9 点至下午 5 点期间, 通过发送电子邮件至 cc@boston.gov 或致电 617-635-3850 向波士顿保护委员会工作人员咨询获取。

E. 申请表副本也可在 周一至周五, 上午8点至下午3点 时段之间通过 617-570-5412 联系他们, 以从 Colleen Rizzi (MWRA) 处获取。

F. 根据《2022 年法案》第 107 章, 公开听证会将在<https://us02web.zoom.us/j/86801723247>以线上形式举行。如果您无法使用 Zoom, 您可以拨打 1-929-205-6099, 输入会议 ID 868 0172 3247 #, 并使用 # 作为您的参会者 ID 参加听证会。

G. 有关公开听证会的通知, 包括其日期、时间和地点, 将在会议召开前至少五个(5)工作日在《波士顿先驱报》(Boston Herald) 上以及 www.boston.gov/public-notice 网站上发布。

H. 如果您想发表意见, 可以参加公开听证会, 或者将书面意见发送至 cc@boston.gov 或寄至 Environment Department, 1 City Hall Square, Room 709, Boston, MA 02201。

I. 如果您计划参加公开听证会并且需要口译服务, 请在听证会前一周的周五中午之前通过电子邮件 cc@boston.gov 通知工作人员。请注意, 您必须使用 Zoom 才能获得口译服务。

J. 有关《湿地保护法》的一般问题, 您可以拨打 MassDEP NERO Wetlands 帮助热线电话 978-694-3405, 联系马萨诸塞州环境保护部 (MassDEP) 东北地区办事处 (NERO)。MassDEP NERO 工作人员没有关于此项目的详细信息。



BABEL NOTICE

English:

IMPORTANT! This document or application contains **important information** about your rights, responsibilities and/or benefits. It is crucial that you understand the information in this document and/or application, and we will provide the information in your preferred language at no cost to you. If you need them, please contact us at cc@boston.gov or 617-635-3850.

Spanish:

¡IMPORTANTE! Este documento o solicitud contiene **información importante** sobre sus derechos, responsabilidades y/o beneficios. Es fundamental que usted entienda la información contenida en este documento y/o solicitud, y le proporcionaremos la información en su idioma preferido sin costo alguno para usted. Si los necesita, póngase en contacto con nosotros en el correo electrónico cc@boston.gov o llamando al 617-635-3850.

Haitian Creole:

AVI ENPÒTAN! Dokiman oubyen aplikasyon sa genyen **enfòmasyon ki enpòtan** konsènan dwa, responsablite, ak/oswa benefis ou yo. Li enpòtan ke ou konprann enfòmasyon ki nan dokiman ak/oubyen aplikasyon sa, e n ap bay enfòmasyon an nan lang ou prefere a, san ou pa peye anyen. Si w bezwen yo, tanpri kontakte nou nan cc@boston.gov oswa 617-635-3850.

Traditional Chinese:

非常重要！這份文件或是申請表格包含關於您的權利，責任，和／或福利的重要信息。請您務必完全理解這份文件或申請表格的全部信息，這對我們來說十分重要。我們會免費給您提供翻譯服務。如果您有需要請聯系我們的郵箱 cc@boston.gov 電話# 617-635-3850..

Vietnamese:

QUAN TRỌNG! Tài liệu hoặc đơn yêu cầu này chứa **thông tin quan trọng** về các quyền, trách nhiệm và/hoặc lợi ích của bạn. Việc bạn hiểu rõ thông tin trong tài liệu và/hoặc đơn yêu cầu này rất quan trọng, và chúng tôi sẽ cung cấp thông tin bằng ngôn ngữ bạn muốn mà không tính phí. Nếu quý vị cần những dịch vụ này, vui lòng liên lạc với chúng tôi theo địa chỉ cc@boston.gov hoặc số điện thoại 617-635-3850.

Simplified Chinese:

非常重要！这份文件或是申请表格包含关于您的权利，责任，和／或福利的重要信息。请您务必完全理解这份文件或申请表格的全部信息，这对我们来说十分重要。我们会免费给您提供翻译服务。如果您有需要请联系我们的邮箱 cc@boston.gov 电话# 617-635-3850.

Cape Verdean Creole:

INPUERTANTI! Es dukumentu ó aplikason ten **informason inpuertanti** sobri bu direitus, rasponsabilidadi i/ó benefisiu. Ê krusial ki bu intendi informason na es dukumentu i/ó aplikason ó nu ta da informason na língua di bu preferênsia sen ninhun kustu pa bó. Si bu prisiza del, kontata-nu na cc@boston.gov ó 617-635-3850.

Arabic:

مهم! يحتوي هذا المستند أو التطبيق على معلومات مهمة حول حقوقك ومسؤولياتك أو فوائده. من الأهمية أن تفهم المعلومات الواردة في هذا المستند أو التطبيق. سوف نقدم المعلومات بلغتك المفضلة دون أي تكلفة عليك. إذا كنت في حاجة إليها، يرجى الاتصال بنا على

cc@boston.gov أو 617-635-3850.

Russian:

ВАЖНО! В этом документе или заявлении содержится **важная информация** о ваших правах, обязанностях и/или льготах. Для нас очень важно, чтобы вы понимали приведенную в этом документе и/или заявлении информацию, и мы готовы бесплатно предоставить вам информацию на предпочитаемом вами языке. Если Вам они нужны, просьба связаться с нами по адресу электронной почты cc@boston.gov, либо по телефону 617-635-3850.

Portuguese:

IMPORTANTE! Este documento ou aplicativo contém **Informações importantes** sobre os seus direitos, responsabilidades e/ou benefícios. É importante que você compreenda as informações contidas neste documento e/ou aplicativo, e nós iremos fornecer as informações em seu idioma de preferência sem nenhum custo para você. Se precisar deles, fale conosco: cc@boston.gov ou 617-635-3850.

French:

IMPORTANT ! Ce document ou cette demande contient des **informations importantes** concernant vos droits, responsabilités et/ou avantages. Il est essentiel que vous compreniez les informations contenues dans ce document et/ou cette demande, que nous pouvons vous communiquer gratuitement dans la langue de votre choix. Si vous en avez besoin, veuillez nous contacter à cc@boston.gov ou au 617-635-3850.





Translator's Statement: I, Lori Hsu, hereby certify that I have translated to the best of my ability the document "Abutter notification letter" from English to Traditional and Simplified Chinese, and that I am competent and qualified to render such a translation because I am bilingual in Chinese and English. I further certify that I am not related to the party whose document I have translated.

Signature: Lori Hsu 
ALMA HCTS

Date: November 3, 2025

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Certified Mail Fee \$5.30
\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
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☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

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Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

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Boston, MA 02201

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\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Chelsea, MA 02150

Certified Mail Fee \$5.30
\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Charlestown, MA 02129

Certified Mail Fee \$5.30
\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

Roxbury, MA 02119

Certified Mail Fee \$5.30
\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$6.08

Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

Charlestown Pump Station Seawall Repair Project
Charlestown, Massachusetts
Massachusetts Water Resources Authority

Attachment 8: NOI Wetland Fee Transmittal Form



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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



A. Applicant Information

1. Location of Project:

169-171 Alford Street

a. Street Address

Boston

b. City/Town

335209

c. Check number

\$182.50

d. Fee amount

2. Applicant Mailing Address:

Colleen

a. First Name

Rizzi

b. Last Name

Massachusetts Water Resources Authority (MWRA)

c. Organization

2 Griffin Way

d. Mailing Address

Chelsea

e. City/Town

MA

f. State

02150

g. Zip Code

8573312574

h. Phone Number

i. Fax Number

Colleen.Rizzi@mwra.com

j. Email Address

3. Property Owner (if different):

Commonwealth of Massachusetts

c. Organization

169 Alford Street

d. Mailing Address

Boston

e. City/Town

MA

f. State

02129

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Work on Docks, Piers, Revetments, Dikes, Etc. (Coastal or Inland)	65	\$6	\$390
Step 5/Total Project Fee:			\$390

Step 6/Fee Payments:

Total Project Fee:	\$390
	a. Total Fee from Step 5
State share of filing Fee:	\$182.50
	b. 1/2 Total Fee less \$12.50
City/Town share of filing Fee:	\$207.50
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

9589 0710 5270 2634 1942 06

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Boston, MA 02211

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☐ Return Receipt (hardcopy) \$4.40
☐ Return Receipt (electronic) \$0.00
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☐ Adult Signature Required \$0.00
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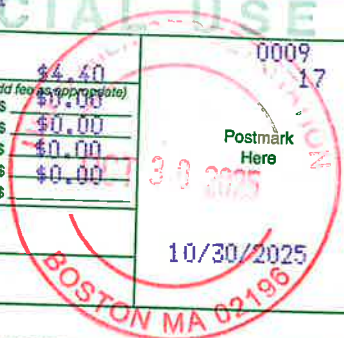
Postage \$10.45

Total Postage and Fees \$20.15

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City, State, ZIP+4®



335209

HAZEN AND SAWYER

498 SEVENTH AVENUE
NEW YORK, NY 10018



JPMorgan Chase Bank, N.A.
www.Chase.com

1-2/210

CHECK DATE

October 28, 2025

PAY

One Hundred Eighty Two and 50/100 Dollars

TO

Commonwealth of Massachusetts
Department of Environmental Protection
P.O. Box 4062
Boston, MA 02211

AMOUNT

182.50

Peter J. Young

AUTHORIZED SIGNATURE

⑈ 335209 ⑈ ⑆021000021⑆

114700621⑈

HAZEN AND SAWYER

335209

Check Date: 10/28/2025

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
NOI Filing Fees	10/27/2025	0545456	182.50			182.50
Commonwealth of Massachusetts		TOTAL	182.50			182.50
JP MORGAN CHASE - 2		COMMON3				

335208

HAZEN AND SAWYER498 SEVENTH AVENUE
NEW YORK, NY 10018JPMorgan Chase Bank, N.A.
www.Chase.com

1-2/210

CHECK DATE

October 28, 2025

PAY

Two Hundred Seven and 50/100 Dollars

TO

City of Boston
Boston Conservation Commission
1 City Hall Square
Room 709
Boston, MA 02201

AMOUNT

207.50

AUTHORIZED SIGNATURE

⑈ 335208 ⑈ ⑆ 021000021 ⑆

⑆ 114700621 ⑈

HAZEN AND SAWYER

335208

Check Date: 10/28/2025

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
NOI Filing Fees	10/27/2025	0545455	207.50			207.50
City of Boston		TOTAL	207.50			207.50
JP MORGAN CHASE - MAIN-NYC	1	CITY OF BOSTON1				