



49 Bellevue Avenue
Newport, RI 02840
(401) 236-0360
foth.com

December 3rd, 2021

Mr. Nicholas Moreno
City of Boston Environmental Division
1 City Hall Square, Rm. 709
Boston, Massachusetts 02201

Re: Notice of Intent (NOI) - LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation

Dear Mr. Nicholas Moreno:

On behalf of the LafargeHolcim Charlestown Terminal (Lafarge), Foth Infrastructure and Environment, LLC. (Foth) is pleased to provide you with the enclosed Notice of Intent (NOI) Application and supplemental documentation for the above referenced project. To evaluate the constructability and advance the design process for the rehabilitation for the 500 linear foot rip rap slope and timber bulkhead on the western side of their Charlestown Terminal. A subsurface exploration program consisting of 3 geotechnical borings even spaced along the face of the existing bulkhead is required. Details pertaining to the proposed program is presented in the documentation submitted herein.

In addition, enclosed is a check made out to the city of Boston in the amount of \$150.00 for the local application fee.

On behalf of Lafarge and Foth, we thank you for your attention and response. At this time, we respectfully request that your office please provide confirmation that upon receipt of this NOI application that the proposed project will be placed on the December 15th, 2021, public hearing agenda. Please feel free to contact me at Benjamin.Foley@foth.com or at 774.929.5251 should you have any questions or require additional information.

Sincerely,
Foth Infrastructure & Environment, LLC

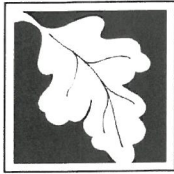
Scott Skuncik, P.E.
Senior Client Manager

Benjamin Foley
Project Manager

A handwritten signature in blue ink, appearing to read "Scott Skuncik".

A handwritten signature in blue ink, appearing to read "Benjamin Foley".

Enclosure(s): MassDEP WPA Form 3, Notice of Intent (NOI) Permit Application, Boston Conservation Commission NOI Filing Check.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

Boston

City/Town

Important:

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



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

285 Medford St

a. Street Address

Charlestown

b. City/Town

02129

c. Zip Code

Latitude and Longitude:

42°23'2.49"N

d. Latitude

71° 3'37.95"W

e. Longitude

201788000

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant:

Gerard

a. First Name

Muscat

b. Last Name

LafargeHolcim - Charlestown Terminal

c. Organization

285 Medford Street

d. Street Address

Charlestown

e. City/Town

MA

f. State

02129

g. Zip Code

617-241-9040

h. Phone Number

i. Fax Number

gerard.muscat@lafargeholcim.com

j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

a. First Name

b. Last Name

Blue Circle Atlantic Inc., C/O Lafarge NA Tax Department (Contact: Gerard Muscat, Charlestown Terminal Manager)

6211 N Ann Arbor

d. Street Address

Dundee

e. City/Town

MI

f. State

48131

g. Zip Code

617-241-9040

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

Scott

a. First Name

Skuncik, P.E.

b. Last Name

Foth Infrastructure & Environment, LLC

c. Company

49 Bellevue Ave.

d. Street Address

Newport

e. City/Town

RI

f. State

02840

g. Zip Code

(401) 236-0361

h. Phone Number

i. Fax Number

scott.skuncik@foth.com

j. Email address

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

110

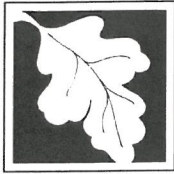
a. Total Fee Paid

42.50

b. State Fee Paid

67.50

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Exploratory soil borings.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration 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. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Suffolk

a. County

338

c. Book

68481

b. Certificate # (if registered land)

81

d. Page Number

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

- 1. Buffer Zone Only – 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).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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

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

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet _____	2. linear feet _____
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet _____	2. square feet _____
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet _____	2. square feet _____
	3. cubic yards dredged _____	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____	2. square feet _____
	3. cubic feet of flood storage lost _____	4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____	
	2. cubic feet of flood storage lost _____	3. cubic feet replaced _____

- f. Riverfront Area
1. Name of Waterway (if available) - **specify coastal or inland** _____
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: _____ square feet

4. Proposed alteration of the Riverfront Area:

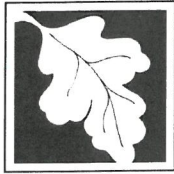
a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

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)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



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

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
 Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input checked="" type="checkbox"/> Land Under the Ocean	8.0 1. square feet	
	0.32 2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> 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. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. Restoration/Enhancement
 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 enter the additional amount here.

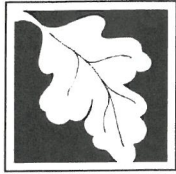
_____ a. square feet of BVW

_____ b. square feet of Salt Marsh

5. Project Involves Stream Crossings

_____ a. number of new stream crossings

_____ b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

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 and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- 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

2021 _____

b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____

percentage/acreage

(b) outside Resource Area _____

percentage/acreage

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

2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands 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

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/mas-endangered-species-act-mesa-regulatory-review>).

Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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C. Other Applicable Standards and Requirements (cont'd)

- (c) MESA filing fee (fee information available at <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

Make check payable to "Commonwealth of Massachusetts - NHESP" 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

- (f) 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, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; 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 #

_____ 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.

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

- a. Not applicable – project is in inland resource area only b. Yes No

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

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

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

Also if yes, the project 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.

- c. Is this an aquaculture project? d. Yes No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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Bureau of Resource Protection - Wetlands

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

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Boston

City/Town

C. Other Applicable Standards and Requirements (cont'd)

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. 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 MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. 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
6. 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
7. 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. Check why the project is exempt:
1. Single-family house
 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.

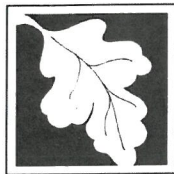
D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

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.

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.



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D. Additional Information (cont'd)

3. Identify the method for BWV and other resource area boundary delineations (MassDEP BWV 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.

LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation

a. Plan Title

Foth Infrastructure & Environment, LLC

Scott Skuncik, P.E.

b. Prepared By

c. Signed and Stamped by

December 2, 2021

1"=100' & 1"=40'

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

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.

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:

141

2. Municipal Check Number

12/3/2021

3. Check date

142

4. State Check Number

12/3/2021

5. Check date

Scott

6. Payor name on check: First Name

Skuncik

7. Payor name on check: Last Name



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 Number _____

Document Transaction Number _____

City/Town _____

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.

David Muscal

1. Signature of Applicant

12/2/21

2. Date

3. Signature of Property Owner (if different)

4. Date

[Signature]

5. Signature of Representative (if any)

12/3/21

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 any part of Section C, Item 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
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:

<u>285 Medford St</u>	<u>Charlestown</u>
a. Street Address	b. City/Town
<u>141</u>	<u>\$42.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Gerard</u>	<u>Muscat</u>	
a. First Name	b. Last Name	
<u>LafargeHolcim North America</u>		
c. Organization		
<u>285 Medford St</u>		
d. Mailing Address		
<u>Charlestown</u>	<u>MA</u>	<u>02129</u>
e. City/Town	f. State	g. Zip Code
<u>617-241-9040</u>	<u>gerard.muscat@lafargeholcim.com</u>	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

<u>Blue Circle Atlantic Inc., C/O Lafarge NA Tax Department (Contact: Gerard Muscat, Charlestown Terminal Manager)</u>	<u>6211 N Ann Arbor</u>	
a. First Name	b. Last Name	
d. Mailing Address		
<u>Dundee</u>	<u>MI</u>	<u>48131</u>
e. City/Town	f. State	g. Zip Code
<u>617-241-9040</u>	<u>gerard.muscat@lafargeholcim.com</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

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.

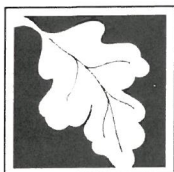
Step 2/Number of Activities: Identify the number of each type of activity.

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.



Massachusetts Department of Environmental Protection
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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
Category 1f	1	\$110	\$110

Step 5/Total Project Fee: \$110

Step 6/Fee Payments:

Total Project Fee:	\$110
State share of filing Fee:	a. Total Fee from Step 5 \$42.50
City/Town share of filling Fee:	b. 1/2 Total Fee less \$12.50 \$67.50
	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.)



INSTRUCTIONS FOR COMPLETING APPLICATION NOTICE OF INTENT – BOSTON NOI FORM

The Boston Notice of Intent Form is intended to be a supplement to the WPA Form 3 detailing impacts to locally designated wetland resource areas and buffer zones. Please read these instructions for assistance in completing the Notice of Intent application form. These instructions cover certain items on the Notice of Intent form that are not self-explanatory.

INSTRUCTIONS TO SECTION B: BUFFER ZONE AND RESOURCE AREA IMPACTS

Item 1. Buffer Zone Only. If you check the Buffer Zone Only box in this section you are indicating that the project is entirely in the Buffer Zone to a resource area **under both** the Wetlands Protection Act and Boston Wetlands Ordinance. If so, skip the remainder of Section B and go directly to Section C. Do not check this box if the project is within the Waterfront Area.

Item 2. The **boundaries of coastal resource areas** specific to the Ordinance can be found in Section II of the Boston Wetlands Regulations. You must also include the size of the proposed alterations (and proposed replacement areas) in each resource area.

Item 3. The **boundaries of inland resource areas** specific to the Ordinance can be found in Section II of the Boston Wetlands Regulations. You must also include the size of the proposed alterations (and proposed replacement areas) in each resource area.

INSTRUCTIONS TO SECTION C: OTHER APPLICABLE STANDARDS AND REQUIREMENTS

Item 1. Rare Wetland Wildlife Habitat. Except for Designated Port Areas, no work (including work in the Buffer Zone) may be permitted in any resource area that would have adverse effects on the habitat of rare, "state-listed" vertebrate or invertebrate animal species.

The most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife is published by the Natural Heritage and Endangered Species Program (NHESP). See: http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm or the *Massachusetts Natural Heritage Atlas*.

If any portion of the proposed project is located within Estimated Habitat, the applicant must send the Natural Heritage Program, at the following address, a copy of the Notice of Intent by certified mail or priority mail (or otherwise sent in a manner that guarantees delivery within two days), no later than the date of the filing of the Notice of Intent with the Conservation Commission.

Evidence of mailing to the Natural Heritage Program (such as Certified Mail Receipt or Certificate of Mailing for Priority Mail) must be submitted to the Conservation Commission along with the Notice of Intent.

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581-3336
508.792.7270



A. GENERAL INFORMATION

1. Project Location

285 Medford Street

a. Street Address

Charlestown

b. City/Town

02129

c. Zip Code

201788000

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant

Gerard

a. First Name

Muscat

b. Last Name

LafargeHolcim

c. Company

285 Medford Street

d. Mailing Address

Charlestown

e. City/Town

Massachusetts

f. State

02129

g. Zip Code

617-241-9040

h. Phone Number

i. Fax Number

gerard.muscat@lafargeholcim.com

j. Email address

3. Property Owner

Contact: Gerard Muscat

a. First Name

b. Last Name

LafargeHolcim North America

c. Company

C/O Lafarge North America Tax Department, 6211 N Ann Arbor

d. Mailing Address

Dundee

e. City/Town

Michigan

f. State

48131

g. Zip Code

617-241-9040

h. Phone Number

i. Fax Number

gerard.muscat@lafargeholcim.com

j. Email address

Check if more than one owner

(If there is more than one property owner, please attach a list of these property owners to this form.)

4. Representative (if any)

Scott

a. First Name

Skuncik, P.E.

b. Last Name

Foth Infrastructure & Environment, LLC

c. Company

49 Bellevue Ave

d. Mailing Address

Newport

e. City/Town

Rhode Island

f. State

02840

g. Zip Code

401-236-0361

h. Phone Number

i. Fax Number

scott.skuncik@foth.com

j. Email address



5. Is any portion of the proposed project jurisdictional under the Massachusetts Wetlands Protection Act M.G.L. c. 131 §40?

- Yes No

If yes, please file the WPA Form 3 - Notice of Intent with this form

6. General Information

Exploratory sediment borings

7. Project Type Checklist

- a. Single Family Home
- b. Residential Subdivision
- c. Limited Project Driveway Crossing
- d. Commercial/Industrial
- e. Dock/Pier
- f. Utilities
- g. Coastal Engineering Structure
- h. Agriculture - cranberries, forestry
- i. Transportation
- j. Other

8. Property recorded at the Registry of Deeds

Suffolk

a. County

81

b. Page Number

338

c. Book

68481

d. Certificate # (if registered land)

9. Total Fee Paid

\$192.50

a. Total Fee Paid

\$42.50

b. State Fee Paid

\$150.00

c. City Fee Paid

B. BUFFER ZONE & RESOURCE AREA IMPACTS

Buffer Zone Only - Is the project located only in the Buffer Zone of a resource area protected by the Boston Wetlands Ordinance?

- Yes No

1. Coastal Resource Areas



<u>Resource Area</u>	<u>Resource Area Size</u>	<u>Proposed Alteration*</u>	<u>Proposed Mitigation</u>
<input type="checkbox"/> Coastal Flood Resilience Zone	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 25-foot Waterfront Area	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 100-foot Salt Marsh Area	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Riverfront Area	<u>0</u> Square feet	_____ Square feet	_____ Square feet

2. Inland Resource Areas

<u>Resource Area</u>	<u>Resource Area Size</u>	<u>Proposed Alteration*</u>	<u>Proposed Mitigation</u>
<input type="checkbox"/> Inland Flood Resilience Zone	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Isolated Wetlands	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Vernal Pool	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Vernal Pool Habitat (vernal pool + 100 ft. upland area)	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 25-foot Waterfront Area	<u>0</u> Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Riverfront Area	<u>0</u> Square feet	_____ Square feet	_____ Square feet

C. OTHER APPLICABLE STANDARDS & REQUIREMENTS

1. What other permits, variances, or approvals are required for the proposed activity described herein and what is the status of such permits, variances, or approvals?

None



2. 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 and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to <http://www.mass.gov/dfwele/dfw/nhesp/nhregmap.htm>.

- Yes No

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

A. Submit Supplemental Information for Endangered Species Review

Percentage/acreage of property to be altered:

(1) within wetland Resource Area _____
percentage/acreage

(2) outside Resource Area _____
percentage/acreage

Assessor's Map or right-of-way plan of site

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

- Yes No

If yes, provide the name of the ACEC: _____

4. Is the proposed project subject to provisions of the Massachusetts Stormwater Management Standards?

Yes. Attach a copy of the Stormwater Checklist & Stormwater Report as required.

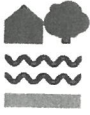
- Applying for a Low Impact Development (LID) site design credits
- A portion of the site constitutes redevelopment
- Proprietary BMPs are included in the Stormwater Management System

No. Check below & include a narrative as to why the project is exempt

- Single-family house
- Emergency road repair
- Small Residential Subdivision (less than or equal to 4 single family houses or less than or equal to 4 units in a multifamily housing projects) with no discharge to Critical Areas

5. Is the proposed project subject to Boston Water and Sewer Commission Review?

- Yes No



D. 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 Protection Ordinance.

Edward Muscat

Signature of Applicant

12/2/21

Date

Signature of Property Owner (if different)

Date

[Signature]

Signature of Representative (if any)

12/3/21

Date

FILING WITH THE BOSTON CONSERVATION COMMISSION

The Boston Conservation Commission administers the Massachusetts Wetlands Protection Act, General Law Chapter 131, Section 40, (the Act) and the Boston Wetlands Ordinance, Boston City Code, Ordinances, Chapter 7-1.4 (the Ordinance) for the protection of wetland resource areas within the City of Boston. The Commission determines wetland boundaries, reviews projects proposed in or near wetlands and defined buffer areas, and places conditions on development projects that affect wetlands. Some of the wetland resources protected under the Act and Ordinance include ponds, streams, rivers, marshes, floodplains and Boston Harbor. The Commission also has jurisdiction over any proposed project within isolated wetlands, vernal pools, 100-feet of a wetland, or in a floodplain and in some instances up to 200-feet within certain Riverfront Areas. To obtain a permit (Order of Conditions), a project proponent must submit an application (Notice of Intent) to the Commission and the Department of Environmental Protection (the Department). The Notice of Intent provides the Commission and the Department with a complete and accurate description of the:

- **Site:** including the type and boundaries of resource areas, which must be indicated on plans and specifications as required under the Act, and
- **Proposed work:** including all effects upon resource areas and measures and designs proposed to meet the performance standards described in the Wetlands Protection Act Regulations, 310 Code of Massachusetts Regulations (CMR) 10.00, (the Regulations) and the Local Wetlands Ordinance specific to each applicable resource area.

The applicant is responsible for providing all information required for the Commission's review of the Notice of Intent. Applicants are urged to retain the services of a qualified, experienced professional consultant when filing a Notice of Intent. Submission of incomplete or inadequate information may result in delays in the review process and/or continuations of the public hearing. Additionally, failure to provide adequate and complete documentation describing the impact of the project on resource areas may result in the issuance of a denial, prohibiting the work.



To minimize the use of non-recyclable materials **please do not include vinyl or plastic binders, bindings, folders or covers with the filing.** Staples and binder clips are good choices.

NOTICE OF INTENT (NOI):

To complete a Notice of Intent, the applicant should refer to the wetlands regulations (310 CMR 10.00), which may be viewed at:

<http://www.mass.gov/eca/agencies/massdep/water/regulations/310-cmr-10-00-wetlands-protection-act-regulations.html>

Please utilize the eDEP online filing service for NOIs whenever possible:

<http://www.mass.gov/dep/service/compliance/edeponlf.htm>

****You will still need to provide paper copies to the Commission until further notice as described below.****

If for some reason you cannot use the eDEP service, the Notice of Intent Form (WPA Form 3) may be obtained at: <http://www.mass.gov/eca/agencies/massdep/water/approvals/wetlands-and-waterways-forms.html#4>

Please submit to the Commission:

- ✓ Two copies (a signed original and 1 copy) of a completed Notice of Intent (WPA Form 3)
- ✓ Two copies (a signed original and 1 copy) of a completed Boston Notice of Intent (Local Form)
- ✓ Two copies of plans (reduced to 11" X 17") in their final form with engineer's stamp affixed supporting calculations and other documentation necessary to completely describe the proposed work and mitigating measures. Plans must include existing conditions, the proposed project, erosion controls and mitigation measures, grading and spot elevations and all wetland resource areas and associated buffer zones. Some projects may require both an aerial view of the plans along with a profile view of plans depending on the scope of work.
- ✓ Two copies of an 8 ½" x 11" section of the USGS quadrangle map of the area, containing sufficient information for the Conservation Commission and the Department to locate the site of the work.
- ✓ (If applicable) Two copies the Federal Emergency Management Agency Flood Insurance Rate Map for the project site. FEMA Flood Maps: <https://msc.fema.gov/portal>.
- Two copies of the determination regarding the Natural Heritage and Endangered Species Program: Review Section C. Other Applicable Standards and Requirements of the Notice of Intent, page 4 of 8, pertaining to wildlife habitat. The Conservation Commission and the Natural Heritage & Endangered Species Program have the maps necessary to make this determination. *NA*
- ✓ (If applicable) Two hard copies of a Stormwater Report to document compliance with the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q), including associated drainage calculations for rooftops, parking lots, driveways, etc., for the required design storm events.
- ✓ (If applicable) A narrative detailing best management practices for stormwater management as set forth in the Stormwater Management Standards of the Massachusetts Department of Environmental Protection and any separate standards and guidelines prepared by the City and the Boston Water and Sewer Commission.

- ✓ (If applicable) Two hard copies of the Checklist for Stormwater Report
 - Details of the stormwater management system, including: catch basins, oil separating tanks, detention basins, outfalls, sewer connections, etc. *N/A*
- ✓ Any photographs related to the project representing the wetland resource areas.
- ✓ Two copies of a detailed project narrative describing the following: an overview of the entire project, the work proposed within wetland resource areas and/or buffer zones; how the performance standards specific to the wetland resource areas will be met (listing out each performance standard); a consideration of the effect that projected sea level rise, changes in storm intensity and frequency, and other consequences of climate change may have on the resource areas and proposed activities; construction equipment and material involved; and measures to protect wetland resource areas and mitigate impacts. The applicant shall also include narrative on how they plan to integrate climate change and adaptation planning considerations into their project to promote climate resilience to protect and promote Resource Area Values and functions into the future.
- ✓ Two copies of an Abutters List, Affidavit of Service and Abutter Notification, filed concurrently with the Notice of Intent. Abutter notices shall be sent in both English and the second most commonly spoken language(s) in the neighborhood(s) where the project is proposed. Notices shall also include Babel notice cards for additional translation and language access services. All abutters within 300' of the project property line must be notified including those in a neighboring municipality. In such an instance, a copy of the filing must also be sent to the local Conservation Commission of the neighboring municipality. EXCEPTION: When work is in land under water bodies and waterways or on a tract of land greater than 50 acres, written notification must only be given to abutters within 300 feet of the "project site."
- Two copies of the BPDA Climate Resiliency Checklist (for new buildings). This can be completed online at <http://www.bostonplans.org/planning/planning-initiatives/article-37-green-building-guidelines>. Please print the pdf that you will receive via email after completion and include it in your submission. *N/A*
- ✓ **Electronic copies.** Documents may be submitted via email, or via an email link to downloadable documents.

All property owners must be signatories to the Notice. Notices must be received two weeks prior to the scheduled hearing date by the Conservation Commission at Boston City Hall/Room 709 Boston, MA 02201 by the close of business. Commission staff will formulate and place the public notice in The Herald. The representative indicated on the NOI application will be billed by The Herald for advertisement of the public notice.

Notice of Intent Application

LafargeHolcim Charlestown Terminal Preliminary Investigations



Date: December 3rd, 2021

Prepared for:

LafargeHolcim North America Charlestown Terminal
285 Medford Street | Charlestown, Massachusetts 02129

Prepared by:

Foth Infrastructure & Environment, LLC
49 Bellevue Avenue | Newport, Rhode Island 02840

T: 401.206.2422

www.Foth.com



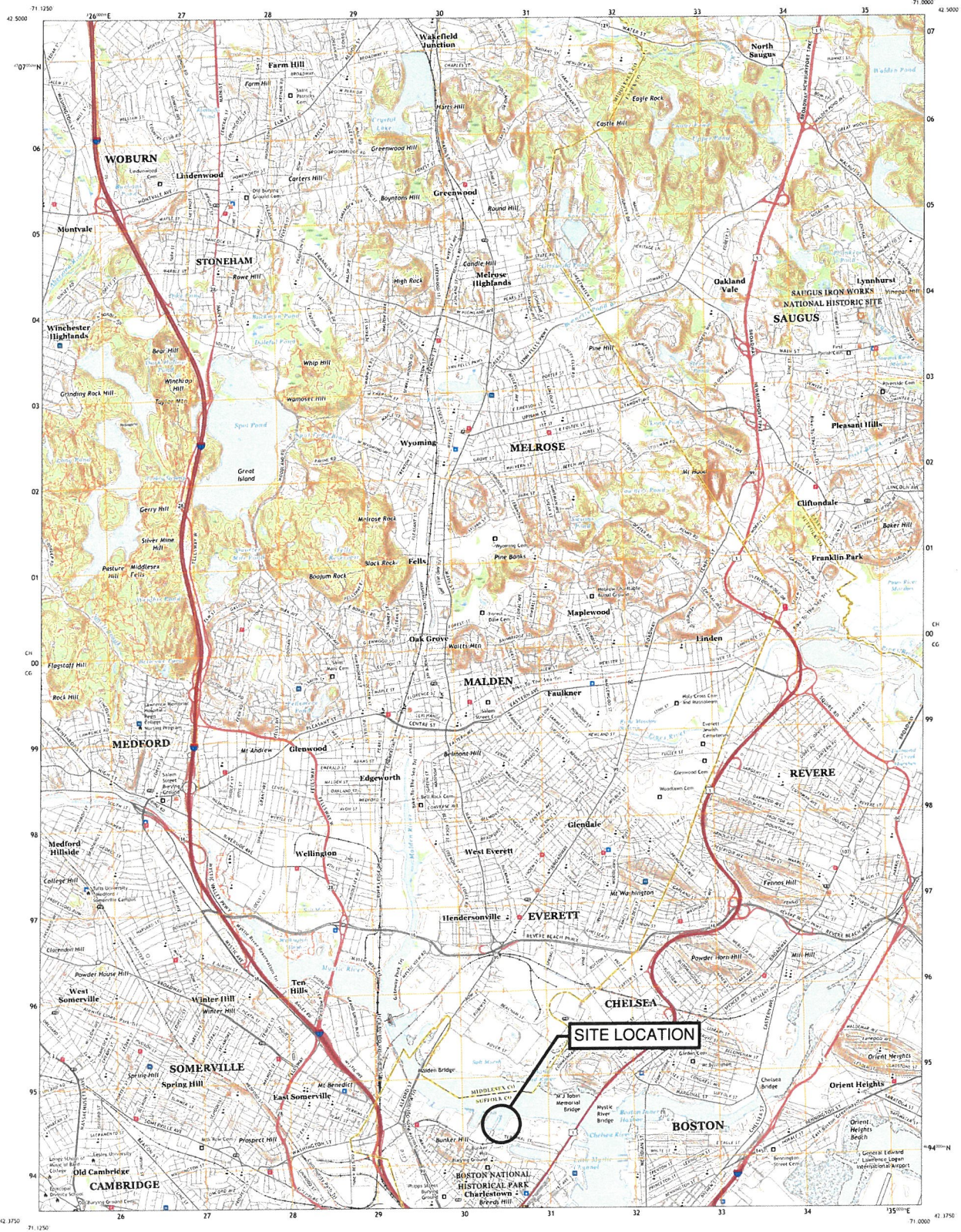
Table of Attachments

Exhibit A	Vicinity Map: USGS Quad Sheet, Charlestown, MA
Exhibit B	Site Photographs
Exhibit C	Soil Boring Narrative
Exhibit D	Stormwater Report
Exhibit E	FEMA Map Number 25025C0081J Revised Date: 03/16/16 & Site-Specific Environmental Resource Map
Exhibit F	Construction Period Pollution Prevention Measures
Exhibit G	Wetlands Memorandum
Exhibit H	Notice to Abutters and Abutters List
Exhibit I	Plans entitled, "LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation – Notice of Intent" dated 12/1/21, 3 sheets



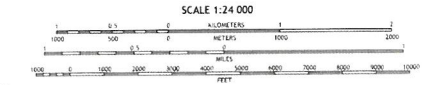
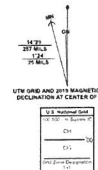
Exhibit A

***Vicinity Map:
USGS Quad Sheet, Charlestown, MA***



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projections used
are the Universal Transverse Mercator (UTM) Zone 18T.
This map is not a legal document. Boundaries may be
generalized for this map scale. Please verify with government
representations may not be shown. Obtain permission before
reproducing or distributing.

Imagery: NAD 1983 July 2016 - September 2016
Roads: U.S. Census Bureau 2014
Names: U.S. Census Bureau 2014
Hydrography: National Hydrography Dataset 2005 2014
Contour: National Elevation Dataset 2012
Boundaries: Multiple Sources
Metadata: FWS National Wetlands Inventory 1991 2011

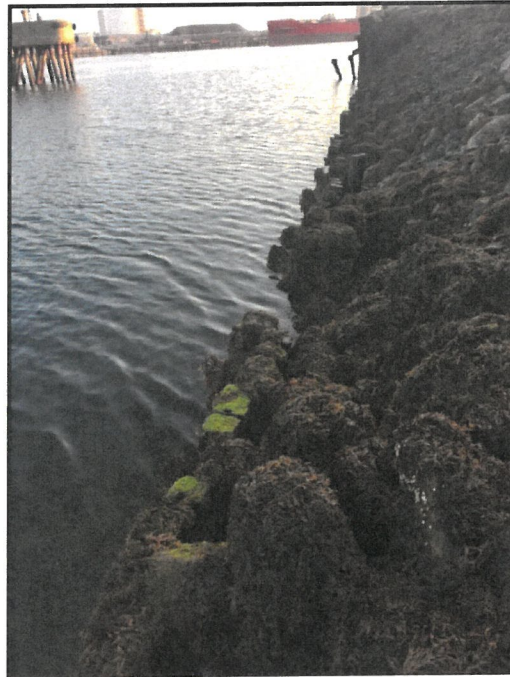


1	2	3
4	5	6
7	8	9

1 Wellington
2 Reading
3 Salem
4 Lexington
5 Lynn
6 Boston
7 North South
8 North South
9 Fruit

Exhibit B

Site Photographs



Existing Stone Revetment and Deteriorated Timber Seawall at Toe Looking North



Typical Condition of Stone Revetment at Northern End of Western Stone Revetment



Exhibit C ***Soil Boring Narrative***

Background

LafargeHolcim is investigating options for repairs to the existing revetment and timber bulkhead on the west side of their wharf at their Charlestown Terminal. The project site is located at 285 Medford Street, Charlestown, MA (City of Boston Parcel ID: 201788000) along the Mystic River. To support the design team, a pre-design geotechnical investigation is required. The geotechnical investigation will be used to assess the subsurface conditions for the design alternatives and guide future recommendations for wharf repairs.

Existing Conditions

LafargeHolcim Charlestown Terminal property is approximately 227,560 sf (5.42 acres) in area and is currently a cement distribution terminal that is owned and operated by LafargeHolcim North America. The terminal is a 600 linear foot filled solid wharf spanning approximately 75 feet wide. The eastern side of the wharf has 4 pile support concrete dolphins that brace for barge docking. The western side (geotechnical investigation side) of the wharf is protected with an armor stone slope that meets pavement at the top and a timber seawall at the bottom. The current deterioration of the timber seawall is the leading cause for the design and geotechnical investigation.

Scope of Work

LafargeHolcim is proposing to perform a geotechnical soil investigation consisting of three (3) soil borings west of the filled wharf at their Charleston Terminal property. The purpose of this subsurface investigation is to accurately define the soil parameters in front of the existing timber bulkhead to design its future sheet pile bulkhead replacement more accurately.

The contractor will be performing the investigation using a track-mounted drill rig advancing 3-inch casings from the barge to the mudline, and then at 5-foot intervals to a depth of 50 feet or refusal, followed by an additional 10 feet of rock coring within the project site. The barge being used for the sampling is a 30 by 18-foot float barge that will be lowered into the water via crane at the Little Mystic Access Area and driven by a work boat 1.5 miles to the project site around the facilities on Terminal Street. The barge will be secured at the boring locations using a series of 4 anchors at the corner points of the barge. The extraction process for the samples will include the typical split spoon sampling along with an available Shelby tube sample for clay sampling and undisturbed analysis. The borings will be performed as close to the existing wall as feasibly possible while remaining in the water. All three borings will be performed from the barge in the Land Under Water resource area, on the western side of the wharf.



With the soil borings being a necessity to move forward with the anticipated design, and their required depth into the subsurface, this drilling procedure has been selected to minimize impacts on the environmental resource areas. Drilling washout and additional soil removed from the sampling process will be stored in a drum on the deck, removed the barge at the completion of drilling, and disposed of at an off-site facility.

Environmental Discussion

The proposed borings will have minimal temporary impacts on the resource areas found within Mystic River. The following environmental wetland resource areas, pertaining to 310 CMR 10.00 Wetlands Protection Act Regulations and Chapter 505 Marshfield Wetlands Protection Regulations, will be temporarily impacted by the proposed borings;

Land Under Ocean

The Massachusetts Wetland Protection Act, (WPA) 310 CMR 10.25 (2) defines Land Under Ocean (LUO) as “land extending from the mean low water line seaward to the boundary of the municipality's jurisdiction and includes land under estuaries”. The Mean Low Water Line elevation for the nearest tidal station (Boston 8443662) is at -5.21 NAVD88 and is shown in Exhibit I Plans entitled, “LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation – Notice of Intent” dated 12/1/21, 3 sheets.

Approximately 8-square feet of Land Under Ocean (LUO) will be temporarily impacted as part of this project from the boring casings and the barge’s 4-point anchoring. Each of the following standard for work within the defined Land Under Ocean resource area (Per 310 CMR 10.25 (3) through (7)) shall apply:

- 3) Improvement dredging for navigational purposes affecting land under the ocean shall be designed and carried out using the best available measures so as to minimize adverse effects on such interests caused by changes in:**
 - (a) bottom topography which will result in increased flooding or erosion caused by an increase in the height or velocity of waves impacting the shore.**
 - (b) sediment transport processes which will increase flood or erosion hazards by affecting the natural replenishment of beaches.**
 - (c) water circulation which will result in an adverse change in flushing rate, temperature, or turbidity levels; or**
 - (d) marine productivity which will result from the suspension or transport of pollutants, the smothering of bottom organisms, the accumulation of pollutants by organisms, or the destruction of marine fisheries habitat or wildlife habitat.**



There will be no improvement dredging for navigational purposes throughout the duration of the soil boring process.

- 4) Maintenance dredging for navigational purposes affecting land under the ocean shall be designed and carried out using the best available measures so as to minimize adverse effects on such interests caused by changes in marine productivity which will result from the suspension or transport of pollutants, increases in turbidity, the smothering of bottom organisms, the accumulation of pollutants by organisms, or the destruction of marine fisheries habitat or wildlife habitat.**

There will be no maintenance dredging for navigational purposes throughout the duration of the soil boring process.

- 5) Projects not included in 310 CMR 10.25(3) or (4) which affect nearshore areas of land under the ocean shall not cause adverse effects by altering the bottom topography so as to increase storm damage or erosion of coastal beaches, coastal banks, coastal dunes, or salt marshes.**

Due to the nature of the soil boring process, the anticipated impacts will be temporary and have no significant or adverse effects on the LUO resource area.

- 6) Projects not included in 310 CMR 10.25(3) which affect land under the ocean 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 habitat or wildlife habitat caused by:**

- (a) alterations in water circulation;**
- (b) destruction of eelgrass (*Zostera marina*) or widgeon grass (*Ruppia maritima*) beds;**
- (c) alterations in the distribution of sediment grain size;**
- (d) changes in water quality, including, but not limited to, other than natural fluctuations in the level of dissolved oxygen, temperature or turbidity, or the addition of pollutants; or**
- (e) alterations of shallow submerged lands with high densities of polychaetes, mollusks or macrophytic algae.**

With the soil borings being performed in the LUO resource area, the work would be classified as water dependent. The soil boring crew will use best management practices to keep impacts minimal and temporary. There is no anticipated change to any of the items (a-e) listed above.

- 7) Notwithstanding the provisions of 310 CMR 10.25(3) through (6), 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

There are no specified habitat sites identified within the work area.

The soil boring process will temporarily impact the LUO resource area; the temporary anchor locations and the boring hole locations will be naturally filled in over time and restored to their existing conditions.

Please see Appendix F *Construction Period Pollution Prevention Measures* for environmental Best Management Practices and other preventions.

Climate Resilience:

Due to the limited scope and impacts, climate resiliency was not considered. The impacts for the soil exploration for future design work are completely temporary and will not result in any notable impacts between the existing conditions and proposed conditions. Moving forward, climate resiliency will become more apparent in the permitting and design phases. Foth is anticipating that a Notice of Intent (NOI) will be submitted for final permitting through the Boston Conservation Commission and will result in the presentation of climate resilient alternatives for the LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation project.



Exhibit D

***LafargeHolcim Charlestown Terminal
Bulkhead Rehabilitation – Geotechnical Investigation
Stormwater Report
285 Medford Avenue,
Charlestown, MA
December 2021***

Project Introduction:

The three (3) proposed soil borings at the LafargeHolcim Charlestown Terminal need to be performed out of necessity to design the sheet pile bulkhead and rip-rap revetment more accurately for the purpose of protecting and extending the service life of the existing terminal. The subsurface exploration stage is necessary for this project to further develop a permissible bulkhead and riprap slope (to be permitted separately from this application). The proposed borings will be performed by a two (2) man drill crew working on a 30 by 18-foot barge that will be launched from the Little Mystic Access Area. A Foth engineer will oversee the three (3) 60-foot (maximum depth) borings to ensure best management practices. The drill rig is stabilized using a 4-anchor system set up before each boring is started. The soil boring casing is fed through a small hole in the center of the barge to the mudline and into the subsurface, this enables the crew to remove spoils and sediment samples with minimal risk of turbidity in the water.

Below is an explanation concerning the DEP stormwater standards listed 1-10 as they apply to the LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation – Geotechnical Investigation project:

Regulatory Stormwater Compliance with Massachusetts Stormwater Handbook Standards:

Standard 1 No new stormwater conveyance may discharge untreated stormwater directly to, or cause erosion in wetlands or water of the Commonwealth.

The proposed soil borings will create no new untreated discharges. No new impervious area will be created during this project.



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

Due to the nature of the soil boring process, there will be no increase in impervious area, post-development (post-improvement) peak discharge rates will not exceed pre-development (pre-improvement) peak discharge rates.

Standard 3 Loss of annual recharge to groundwater shall be eliminated or minimized through the use of environmentally sensitive site design, low impact development techniques, stormwater best management practices, and good operation and maintenance. At a minimum, the annual recharge from the post-development site shall approximate the annual recharge from pre-development conditions based on soil type. This Standard is met when the stormwater management system is designed to infiltrate the required recharge volume as determined in accordance with the Massachusetts Stormwater Handbook

As noted in the Standard 2 explanation, due to the nature of the soil boring process, the impervious area in the work area will not be increased at the completion of the project. Therefore, recharge rates will not change in the work area at the end of the project.

Standard 4 Stormwater management systems shall be designed to remove 80% of the average annual post-construction load of Total Suspended Solids (TSS). This standard is met when:

- a) Suitable practices for source control and pollution prevention are identified in a long-term pollution prevention plan, and thereafter are implemented and maintained;**
- b) Structural stormwater best management practices are sized to capture the required water quality volume as determined in accordance with the Massachusetts Stormwater Handbook; and**
- c) Pretreatment is provided in accordance with the Massachusetts Stormwater Handbook.**

The proposed soil borings will not change the water quality at the site. There will be no increase in stormwater flow.



Standard 5 For land uses with higher potential pollutant loads, source control and pollution prevention shall be implemented in accordance with the Massachusetts Stormwater Handbook to eliminate or reduce the discharge of stormwater runoff from such land uses to the maximum extent practicable. If, through source control and/or pollution prevention, all land uses with higher potential pollutant loads cannot be completely protected from exposure to rain, snow, snow melt and stormwater runoff, the proponent shall use the specific structural stormwater BMPs determined by the Department to be suitable for such uses as provided in the Massachusetts Stormwater Handbook. Stormwater discharges from land uses with higher potential pollutant loads shall also comply with the requirements of the Massachusetts Clean Waters Act, M.G.L.c. 21, §§ 26-53 and the regulations promulgated thereunder at 314 CMR 3.00, 314 CMR 4.00 and 314 CMR 5.00.

Not Applicable. There will be no LUHPPLs in the work area.

Standard 6 Stormwater discharges within the Zone II or Interim Wellhead Protection Area of a public water supply and stormwater discharges near or to any other critical area require the use of the specific source control and pollution prevention measures and the specific structural stormwater best management practices determined by the Department to be suitable for managing discharges to such areas, as provided in the Massachusetts Stormwater Handbook.

There will be no new 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 stormwater best management practice requirements of Standards 4, 5, and 6. Existing stormwater discharges shall comply with Standard 1 only to the maximum extent practicable. A redevelopment project shall also comply with all other requirements of the Stormwater Management Standards and improve existing conditions.

This is not a re-development project.

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

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan is included in this NOI application. The soil boring scope will allow for the work to be completed in three days (one day each) and the limit of work returned to original conditions by the end of the project.



Standard 9 A Long-Term Operation and Maintenance (O&M) Plan shall be developed and implemented to ensure that stormwater management systems function as designed.

No new stormwater management systems put in place in the project work area, therefore an operations and maintenance plan are not needed.

Standard 10 Illicit Discharges to the Stormwater Management System are prohibited.

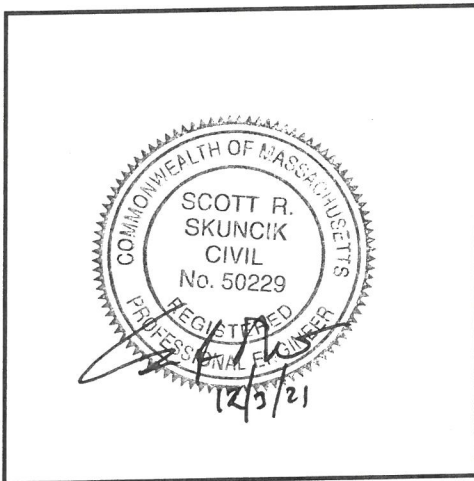
Due to the nature of the soil boring process, there will be no illicit discharges. There will be no opportunity for illicit discharges into a stormwater management system.



Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including any relevant soil evaluations, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan, the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement 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



Scott R. Skuncik 12/3/21
Signature and Date



Exhibit E

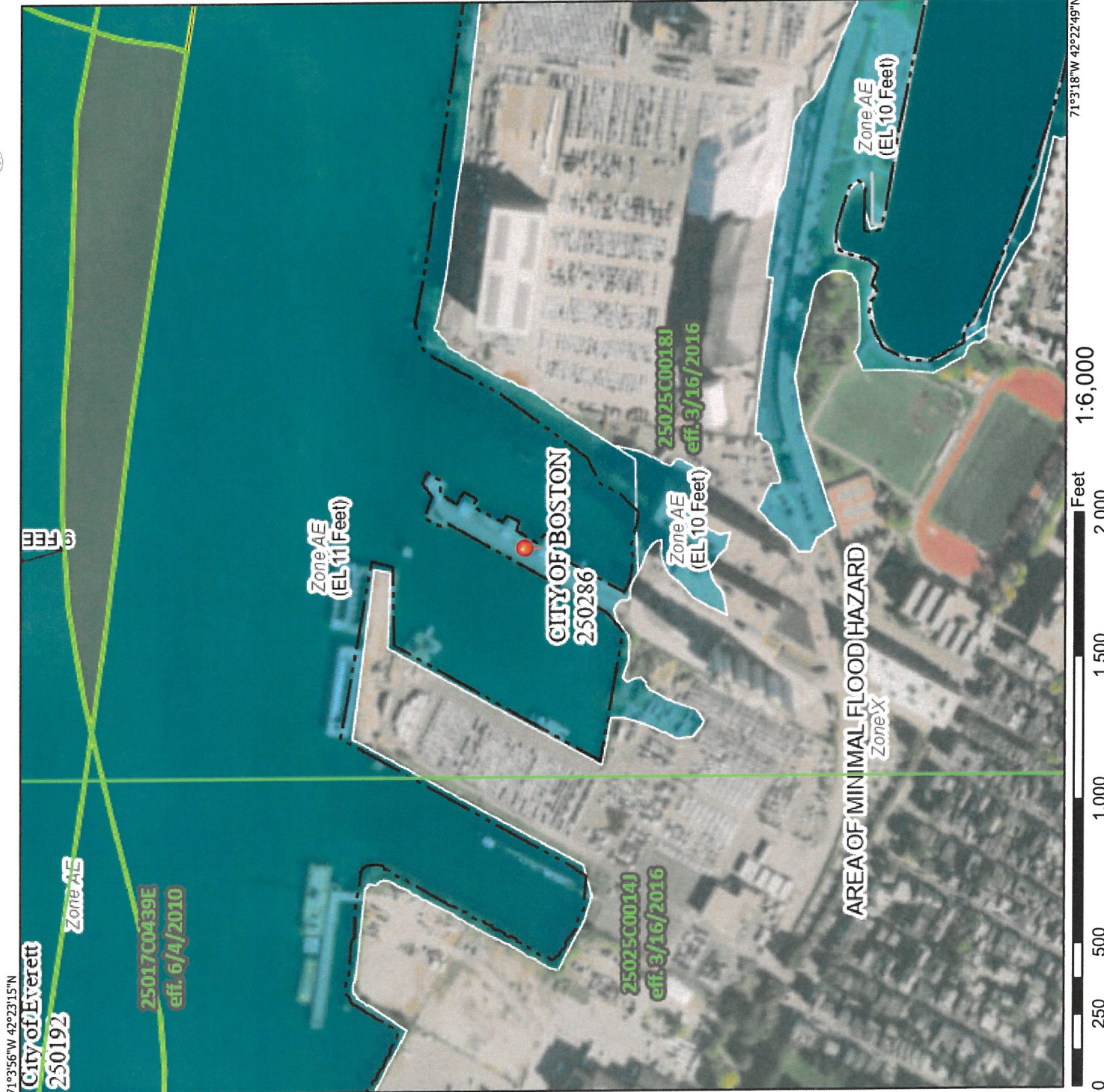
FEMA Map Number 25025C0081J

Revised Date: 03/16/16

&

Site-Specific Environmental Resource Map

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, L, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile (Zone 1)
- Future Conditions 1% Annual Chance Flood Hazard (Zone X)
- Area with Reduced Flood Risk due to Levee. See Notes, Zone X
- Area with Flood Risk due to Levee (Zone D)

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard (Zone X)
- Effective LOMRS
- Area of Undetermined Flood Hazard (Zone X)

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation: 20.2, 17.5, 8
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/30/2021 at 2:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



The site location is indicated by the red oval in the image.



Exhibit F

Construction Period Pollution Prevention Measures

Project Introduction

The three (3) proposed soil borings at the LafargeHolcim Charlestown Terminal need to be performed out of necessity to design the sheet pile bulkhead and rip-rap revetment more accurately for the purpose of protecting and extending the service life of the existing terminal. The subsurface exploration stage is necessary for this project to further develop a permissible bulkhead and riprap slope (to be permitted separately from this application). The proposed borings will be performed by a two (2) man drill crew working on a 30 by 18-foot barge that will be launched from the Little Mystic Access Area. A Foth engineer will oversee the three (3) 60-foot (maximum depth) borings to ensure best management practices. The drill rig is stabilized using a 4-anchor system set up before each boring is started. The soil boring casing is fed through a small hole in the center of the barge to the mudline and into the subsurface, this enables the crew to remove spoils and sediment samples with minimal risk of turbidity in the water.

Construction Period Pollution Prevention Measures

During the proposed soil boring process, Best Management Practices (BMPs) will be used as Construction Period Pollution Prevention Measures to reduce any potential pollutants and prevent discharge into the Mystic River. BMPs are detailed for construction activities to minimize the total disturbed areas, stabilize any disturbed areas, control the site perimeter, and retain sediment. Non-stormwater best management measures, additional measure, and clean workspace management will all be used to minimize site disturbances, reduce potential for pollution, and ensure compliance with the performance standards of the WPA and Stormwater Standards along with the MA DEP Stormwater Policy Handbook. The table below on the following pages shows the BMPs and measures that will be put in place to reduce pollutants and maintain a clean work environment.

Best Management Practices:	Description:
Minimize Disturbed Area and Protect Natural Features and Soil	To minimize disturbed areas, the contractor will be responsible to stay within the work limits defined by the engineer on the construction plans. The Contractor shall not disturb native vegetation in the undisturbed wetland area without prior approval from the Engineer. The Contractor will be responsible to make sure that all their workers and any subcontractors know the proper work limits and do not extend their work into the undisturbed areas. Further protective measures are described in more detail following this measure.
Control Stormwater Flowing onto and through the project	The soil boring work will be completed in three days (one day each) scheduled outside of a storm event so no anticipated stormwater flow will be expected.
Proper Storage of Construction Equipment	The contractor will need written approval from the Engineer for an appropriate construction staging location.
Material Handling and Waste Management	Waste material and any construction debris will be collected and neatly stored in proper waste management containers. Material brought on site will be stored in its original container. No mixing will be performed between materials unless recommended by the manufacturer. All material and equipment brought on site will be removed by the contractor.
Designated Washout Areas	The Contractor shall use washout facilities at their own facilities, unless otherwise directed by the Engineer.
Proper Equipment/Vehicle Fueling and Maintenance Practices	Proper Equipment/Vehicle Fueling and Maintenance Practices On-site vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the risk of leakage. To ensure that leaks on stored equipment do not contaminate the site, oil absorbing mats will be placed under oil-containing equipment during storage. Regular fueling and service of the equipment may be performed using approved methods and with care taken to minimize chance of spills. Repair of equipment or machinery within the 100' water resources area shall not be allowed without the prior approval of the Engineer. Any petroleum products will be stored in tightly sealed containers that are clearly labeled with spill control pads/socks placed under/around their perimeters.
Equipment/Vehicle Washing	The Contractor will be responsible to ensure that no equipment is washed on-site.



Spill Prevention and Control Plan

In order to best regulate spill prevention, the Contractor will be responsible for preventing spills in accordance with the project specifications and applicable federal, state, and local regulations. The Contractor will identify a properly trained site employee, involved with the day-to-day site operations to be the spill prevention and cleanup coordinator. The name(s) of the responsible spill personnel will be posted on-site. Each employee will be instructed that all spills are to be reported to the spill prevention and cleanup coordinator. The contractor is to provide an inspection form for compliance with the following spill prevention and control plan.

1. Spill Control Equipment

Spill control/containment equipment will be kept on the Working Barge. It is the responsibility of the Contractor to ensure the inventory will be readily accessible and maintained.

2. Notification

Workers will be directed to inform the on-site supervisor of a spill event. The supervisor will assess the incident and initiate proper containment and response procedures immediately upon notification. Workers should avoid direct contact with spilled materials during the containment procedures. Primary notification of a spill should be made to the local Fire Department and Police Departments. Secondary Notification will be to the certified cleanup contractor if deemed necessary by Fire and/or Police personnel. The third level of notification (within 1 hour) is to the DEP or municipality's Licensed Site Professional (LSP). The specific cleanup contractor to be used will be identified by the Contractor prior to commencement of construction activities.

3. Spill Containment and Clean-Up Measures Spills

will be contained with granular sorbent material, sand, sorbent pads, booms or all of the above to prevent spreading. Certified cleanup contractors should complete spill cleanup. The material manufacturer's recommended methods for spill cleanup will be clearly posted and on-site personnel will be made aware of the procedures and the location of the information and cleanup supplies.

4. Hazardous Materials Spill Report

The Contractor will report and record any spill. The spill report will present a description of the release, including the quantity and type of material, date of the spill, circumstances leading to the release, location of spill, response actions and personnel, documentation of notifications and corrective measures implemented to prevent reoccurrence. This document does not relieve the Contractor of the Federal reporting requirements of 40 CFR Part 110, 40 CFR Part 117, 40 CFR Part 302 and the State requirements specified under the Massachusetts Contingency Plan (M.C.P) relating to spills or other releases of oils or hazardous substances. Where a release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117 or 40 CFR Part 302, occurs during a twenty-four (24) hour period, the



Contractor is required to comply with the response requirements of the above-mentioned regulations. Spills of oil or hazardous material more than the reportable quantity will be reported to the National Response Center (NRC).

Contact Information/Responsible Parties Owner/Operator:

City of Boston Cathy Baker-Eclipse Boston Parks and Recreation Department 1010
Massachusetts Avenue, 3rd Floor Boston, MA 02118 (617) 961-3058

Engineer:

Foth Infrastructure & Environment, LLC
Scott Skuncik, P.E.
49 Bellevue Avenue
Newport, RI 02840

Site Inspector:

TBD

Contractor:

Hardiman Co. & Associates, Inc.

Erosion and Sedimentation Control:

Because of the minimal disturbance of the soil boring effort, and short duration three days (one day each), erosion control will not be utilized.

Site Development Plan:

The Site Development Plan is included in the attached plans.

Operation and Maintenance of Erosion Control:

Because of the minimal disturbance of the soil boring effort, and short duration (three days (one day each)), erosion control lines will not be utilized.



Exhibit G

Wetlands Delineation

Land Under Ocean

The Massachusetts Wetland Protection Act, (WPA) 310 CMR 10.25 (2) defines Land Under Ocean (LUO) as

“Land extending from the mean low water line seaward to the boundary of the municipality's jurisdiction and includes land under estuaries”.

The Mean Low Water Line elevation for the nearest tidal station (Boston 8443662) is at -5.21 NAVD88.

Foth used this information along with a survey performed by Foth Infrastructure & Environment, LLC on September 6th, 2018, of the existing rip-rap slope to define the limit of MLW and therefore LUO.

Coastal Bank

The Massachusetts Wetland Protection Act, (WPA) 310 CMR 10.25 (2) defines Coastal Bank as

“the seaward face or side of any elevated landform, other than a coastal dune, which lies at the landward edge of a coastal beach, land subject to tidal action, or other wetland”.

Foth used this definition to delineate the region landward of LUO as Coastal Bank to the point of Top of Coastal Bank, which is defined by the Massachusetts Wetland Protection Act, (WPA) 310 CMR 10.25 (2) as

“any bank, marsh, swamp, meadow, flat or other lowland subject to tidal action or coastal storm flowage”.

For this project site, the Top of coastal bank is defined where the rip rap slope meets existing pavement.



Exhibit H

Abutters List and Notice to Abutters

Note:

Per the Filing Guidelines posted on the City of Boston Conservation website:

1. Abutter Notification Requirements

All abutters within 300' of the project property line must be notified including those in a neighboring municipality. In such an instance, a copy of the filing must also be sent to the local Conservation Commission of the neighboring municipality. EXCEPTION: When work is in land under water bodies and waterways or on a tract of land greater than 50 acres, written notification must only be given to abutters within 300 feet of the "project site."

Our project falls within the exception as all borings will be performed in *land under water bodies*.



**AFFIDAVIT OF SERVICE
FOR ABUTTER NOTIFICATION**

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

I, Scott Skuncik, P.E., 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 Foth infrastructure & Environment, LLC for Lafarge-Holcim North America, Charlestown Terminal located at 285 Medford 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.

SPK
Name

11/30/2021
Date



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。如果您有需要请联联系我们的邮箱 cc@boston.gov 电话# 617-635-3850.

Cape Verdean Creole:

INPURTANTI! Es dokumentu ó aplikason ten **informason inpur tanti** sobri bu direitus, rasponsabilidadis i/ó benefisius. Ê krusial ki bu intendi informason na es dokumentu 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 فوائدك. 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.



CERTIFICATE OF TRANSLATION

I, Anna Tse, hereby certify that I am competent in both English and Chinese, and that I translated the required information for the **Notification to Abutters Boston Conservation** document into simplified Chinese. The translation is accurate and true to the best of my abilities. Listed below is the translation.

LafargeHolcim North America

(LafargeHolcim North America 公司)

285 Medford Street, Charlestown, MA 02129

(地址: 285 Medford Street, Charlestown, MA 02129)

conducting three soil borings and extracting soil samples to assist with the engineering and design of a protective rock slope and a steel pile bulkhead.
进行三个土壤钻孔, 并提取土壤样本, 以协助有关保护岩坡, 和钢桩的隔板/隔壁的工程和设计。

8:00 am to 2:00 pm 早上八时至下午二时

Monday -Friday (星期一至星期五)

Foth Infrastructure & Environment, LLC Foth 基础设施与环境有限公司

Scott Skuncik, P.E. (斯科特·昆奇克)

电邮: Scott.Skuncik@foth.com

(电话:401.236.0361)

Date: December 2, 2021



(Signature of Translator)

Anna Tse

617-818-1754

anna.translate@gmail.com



**NOTIFICATION TO ABUTTERS
BOSTON CONSERVATION COMMISSION**

In accordance with the Massachusetts Wetlands Protection Act, Massachusetts General Laws Chapter 131, Section 40, and the Boston Wetlands Ordinance, you are hereby notified as an abutter to a project filed with the Boston Conservation Commission.

A. LafargeHolcim North America has filed a Notice of Intent with the Boston Conservation Commission seeking permission to alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, section 40) and Boston Wetlands Ordinance.

B. The address of the lot where the activity is proposed is 285 Medford Street, Charlestown, MA 02129.

C. The project involves conducting three soil borings and extracting soil samples to assist with the engineering and design of a protective rock slope and a steel pile bulkhead.

D. Copies of the Notice of Intent may be obtained by contacting the Boston Conservation Commission at CC@boston.gov.

E. Copies of the Notice of Intent may be obtained from Foth Infrastructure & Environment, LLC - Scott Skuncik, P.E. by contacting them at Scott.Skuncik@foth.com (401.236.0361) between the hours of 8:00 am to 2:00 pm, Monday - Friday.

F. In accordance with the Chapter 20 of the Acts of 2021, the public hearing will take place **virtually** at <https://zoom.us/j/6864582044>. If you are unable to access the internet, you can call 1-929-205-6099, enter Meeting ID 686 458 2044 # and use # as your participant ID.

G. Information regarding the date and time of the public hearing may be obtained from the **Boston Conservation Commission** by emailing CC@boston.gov or calling **(617) 635-3850** between the hours of **9 AM to 5 PM, Monday through Friday**.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in the **Boston Herald**.

NOTE: Notice of the public hearing, including its date, time, and place, will be posted on www.boston.gov/public-notices and in Boston City Hall not less than forty-eight (48) hours in advance. If you would like to provide comments, you may attend the public hearing or send written comments to CC@boston.gov or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: If you would like to provide comments, you may attend the public hearing or send written comments to CC@boston.gov or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: You also may contact the Boston Conservation Commission or the Department of Environmental Protection Northeast Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: the Northeast Region: (978) 694-3200.

NOTE: If you plan to attend the public hearing and are in need of interpretation, please notify staff at CC@boston.gov by 12 PM the day before the hearing.



波士顿湿地保护委员会 项目邻近住户通知

根据《马萨诸塞州湿地保护法》、《马萨诸塞州普通法》第 131 章第 40 节以及《波士顿湿地条例》的规定，我们特此向您，即向波士顿湿地保护委员会提出申请的项目的邻近住户，发出以下通知。

A. LafargeHolcim North America 公司
(LafargeHolcim North America 公司) 已向波士顿湿地保护委员会提出申请，请求批准改建一块受《湿地保护法》（《普通法》第 131 章第 40 节）和《波士顿湿地条例》保护的地块。

285 Medford Street, Charlestown, MA 02129.

B. 拟开展改建活动的地块地址为：(地址: 285 Medford Street, Charlestown, MA 02129)

C. 该项目涉及以下建设内容：Conducting three soil borings and extracting soil samples to assist with the engineering and design of a protective rock slope and a steel pile bulkhead 进行三个土壤钻孔，并提取土壤样本，以协助有关保护岩坡，和钢桩的隔板/隔壁的工程和设计。

D. 可通過聯繫波士頓保護委員會取得意向通知書的副本，電子郵件是 CC@boston.gov。

E. 您可于 8:00 am to 2:00 pm 早上八时至下午二时，
Monday -Friday (星期一至星期五)
意向通知的副本。

Foth Infrastructure & Environment, LLC :
Foth 基础设施与环境有限公司
Scott Skuncik, P.E. (斯科特·昆奇克)
@ 电邮: Scott.Skuncik@foth.com,
(电话:401.236.0361)

处获取

F. 根據《馬薩諸塞州行政命令》（暫緩執行《公開會議法》聽證會將在網上 <https://zoom.us/j/6864582044> 進行。如果無法上互聯網 (Internet)，則可致電 1-929-205-6099，輸入會議編號(ID) 686 458 2044 #，然後使用 # 作為您參與的編號 (ID.)

G. 您可于周一至周五上午 9 点到下午 5 点联系波士顿湿地保护委员会，咨询公开听证会举行的日期和时间，邮箱地址：CC@boston.gov，电话：(617) 635-4416。

注：公开听证会的通知（包括其举行日期、时间和地点）将提前至少五天在《波士顿先驱报》上予以公布。

注：公开听证会的通知（包括其举行日期、时间和地点）将提前至少四十八（48）小时发布在以下网页之上以及波士顿市政厅内：www.boston.gov/public-notice。如果您想提出意见或建议，您可以参加该公开听证会或将书面形式的意见或建议发送至 CC@boston.gov 或邮寄至以下地址：Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201。

注：您也可以联系波士顿湿地保护委员会或环境保护部东北地区办公室，咨询有关此项申请或《湿地保护法》的更多信息。如要联系环境保护部，请致电：东北地区：（978）694-3200。

注：如果您准备参加该公开听证会并需要口译服务，则请在听证会举行前一天中午 12 点前通过以下电子邮箱地址告知工作人员：CC@boston.gov。

Abutters within 300-feet of project site at 285 Medford Street, Charlestown

OBJECTID	PID	LONG	GIS ID	FULL ADDRESS	CITY	ZIPCODE	OWNER	ADDRESS	MAIL ADDRESS	MAIL_CS	STATE	MAIL_ZIPCODE	Shape_Area	Shape_Length
114536	201796000	201796000	201796000	333 MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPOORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	283321.1931	2949.511734
72987	201794000	201794000	201794000	315 R MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPOORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	161339.3711	2651.3964
86920	202751000	202751000	202751000	30 50 TERMINAL ST	CHARLESTOWN	2129	PIZZUTI DONATO	C/O CHARLESTOWN COMMERCE CTR	50 TERMINAL ST	CHARLESTOWN	MA	2129	259881.6895	2985.105239
44376	201791000	201791000	201791000	309 R MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPOORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	109808.4492	1619.508276



Exhibit I

***Plans entitled, "LafargeHolcim Charlestown Terminal Bulkhead Rehabilitation –
Notice of Intent" dated 12/1/21, 3 sheets***

FOR PERMIT PURPOSES ONLY
NOT FOR CONSTRUCTION

LAFARGEHOLCIM CHARLESTOWN TERMINAL BULKHEAD REHABILITATION NOTICE OF INTENT

285 MEDFORD STREET,
CHARLESTOWN, MA 02192
DECEMBER 1, 2021

Prepared for:
LAFARGEHOLCIM NORTH AMERICA



Prepared by:
Foth Infrastructure & Environment, LLC



SHEET LIST

<u>SHEET NUMBER</u>	<u>TITLE</u>
1	COVER AND SHEET LIST
2	ABUTTERS PLAN
3	EXISTING BASE AND PROPOSED SOIL BORING PLAN

COVER AND SHEET LIST SHEET 1 OF 3

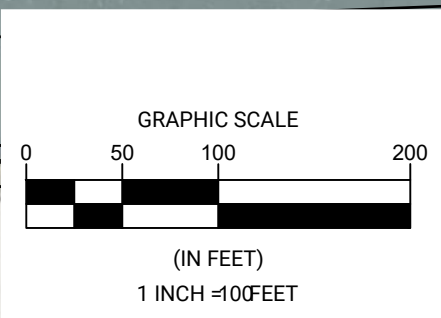
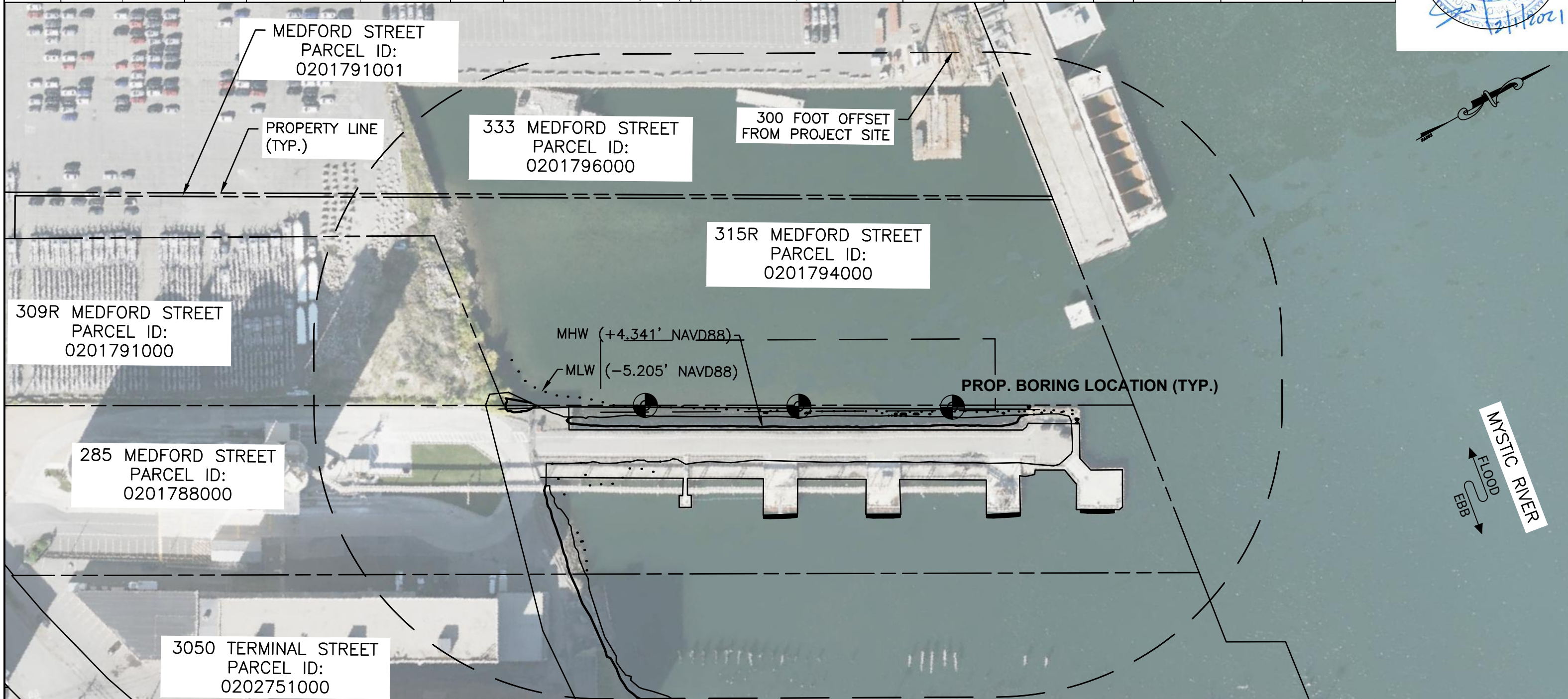
LAFARGEHOLCIM
CHARLESTOWN TERMINAL BULKHEAD REHABILITATION
285 MEDFORD STREET
BOSTON, MA

DATE: 12/1/2021	REV. DATE:
DRAWN BY: CFF/BPF	CHECKED BY: SRS
PROJECT NO: 21L016.0	



Abutters within 300-feet of project site at 285 Medford Street, Charlestown

OBJECTID	PID	PID_LONG	GIS_ID	FULL_ADDRESS	CITY	ZIPCODE	OWNER	ADDRESSEE	MAIL_ADDRESS	MAIL_CS	STATE	MAIL_ZIPCODE	Shape_Area	Shape_Length
114536	201796000	201796000	201796000	333 MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	283321.1931	2949.511734
72987	201794000	201794000	201794000	315 R MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	161339.3711	2651.3964
75478	201794001	201794001	201794001	MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	13170.31274	2638.528893
86920	202751000	202751000	202751000	30 50 TERMINAL ST	CHARLESTOWN	2129	PIZZUTI DONATO	C/O CHARLESTOWN COMMERCE CTR	50 TERMINAL ST	CHARLESTOWN	MA	2129	259981.6895	2985.105239
44376	201791000	201791000	201791000	309 R MEDFORD ST	CHARLESTOWN	2129	BOSTON AUTOPORT LLC (LESSEE)	C/O DENNIS KRAEZ, RESIDENT AGENT	100 TERMINAL ST	CHARLESTOWN	MA	2129	109808.4492	1619.508276

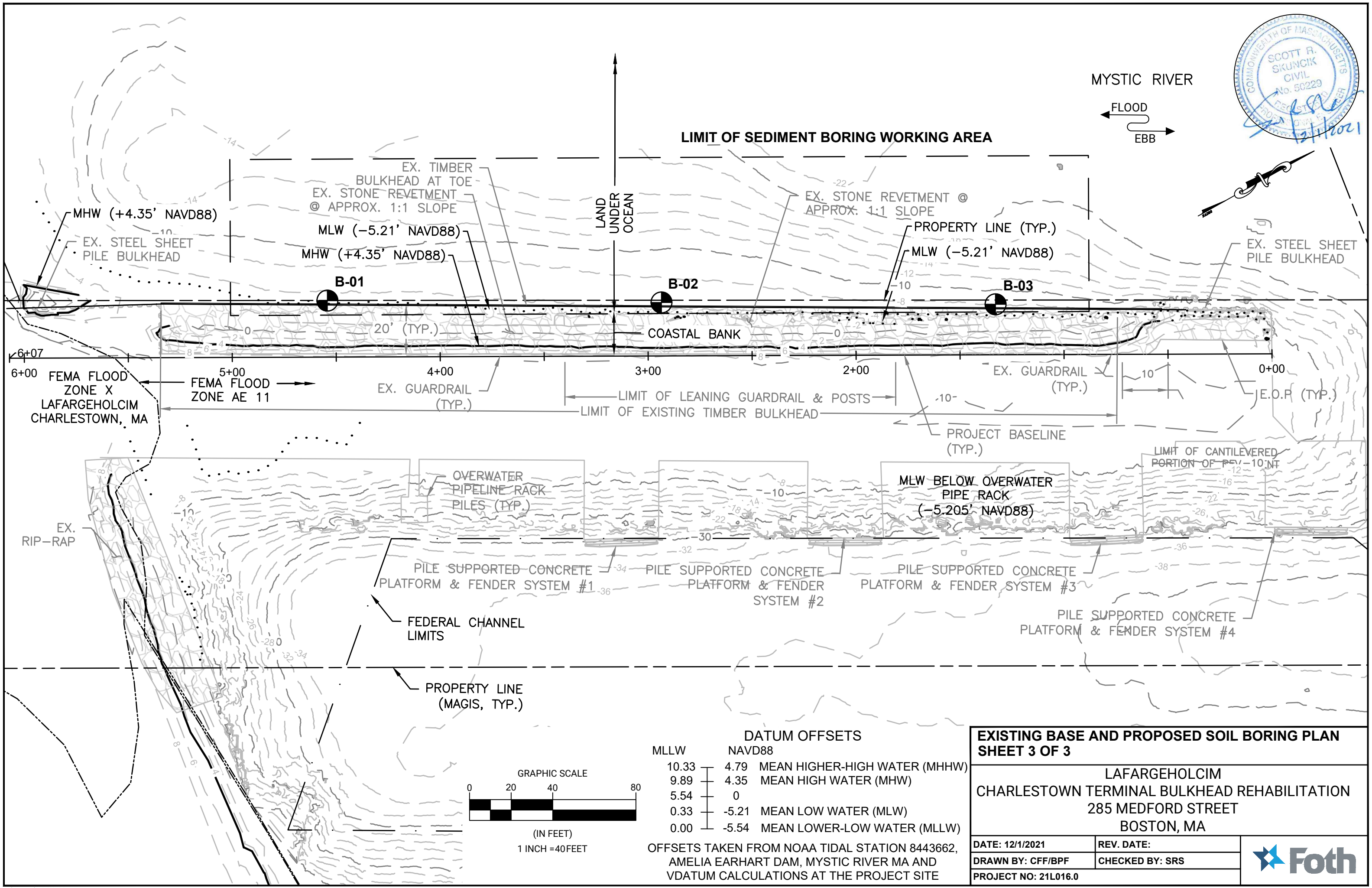


ABUTTERS PLAN SHEET 2 OF 3	
LAFARGEHOLCIM CHARLESTOWN TERMINAL BULKHEAD REHABILITATION 285 MEDFORD STREET BOSTON, MA	
DATE: 12/1/2021	REV. DATE:
DRAWN BY: CFF/BPF	CHECKED BY: SRS
PROJECT NO: 21L016.0	





MYSTIC RIVER
 FLOOD
 EBB



LIMIT OF SEDIMENT BORING WORKING AREA

LAND UNDER OCEAN

COASTAL BANK

LIMIT OF LEANING GUARDRAIL & POSTS
 LIMIT OF EXISTING TIMBER BULKHEAD

PROJECT BASELINE (TYP.)

LIMIT OF CANTILEVERED PORTION OF PSV-10 INT

OVERWATER PIPELINE RACK PILES (TYP.)

MLW BELOW OVERWATER PIPE RACK (-5.205' NAVD88)

PILE SUPPORTED CONCRETE PLATFORM & FENDER SYSTEM #1

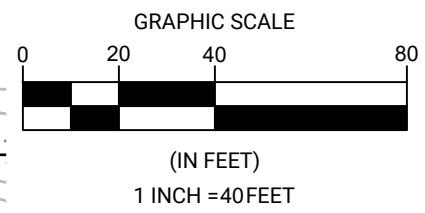
PILE SUPPORTED CONCRETE PLATFORM & FENDER SYSTEM #2

PILE SUPPORTED CONCRETE PLATFORM & FENDER SYSTEM #3

PILE SUPPORTED CONCRETE PLATFORM & FENDER SYSTEM #4

FEDERAL CHANNEL LIMITS

PROPERTY LINE (MAGIS, TYP.)



DATUM OFFSETS	
MLLW	NAVD88
10.33	4.79 MEAN HIGHER-HIGH WATER (MHHW)
9.89	4.35 MEAN HIGH WATER (MHW)
5.54	0
0.33	-5.21 MEAN LOW WATER (MLW)
0.00	-5.54 MEAN LOWER-LOW WATER (MLLW)

OFFSETS TAKEN FROM NOAA TIDAL STATION 8443662, AMELIA EARHART DAM, MYSTIC RIVER MA AND VDATUM CALCULATIONS AT THE PROJECT SITE

EXISTING BASE AND PROPOSED SOIL BORING PLAN SHEET 3 OF 3	
LAFARGEHOLCIM CHARLESTOWN TERMINAL BULKHEAD REHABILITATION 285 MEDFORD STREET BOSTON, MA	
DATE: 12/1/2021	REV. DATE:
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