

Newell Boathouse Soil Borings

Boston, Massachusetts

Notice of Intent

July 23, 2021



Submitted to:

MassDEP – Waterways Regulation Program
One Winter Street, 5th Floor
Boston, MA 02108
Boston Conservation Commission
1 City Hall Sq.
Boston, MA

Applicant:

Harvard University
FAS – Office of Physical
Resources and Planning
60 JFK Street
Cambridge, MA

Applicant's Representative:



34 William Way
Bellingham, MA 02019
(508) 966 9092
childseng.com

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Notice of Intent Application Form

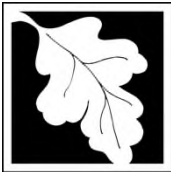
City Fee Determination

ATTACHMENT A – Project Description

ATTACHMENT B – Abutters List

ATTACHMENT C – Project Plans

ATTACHMENT D – Proof of Mailings



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

Allston

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):

<u>801 Soldiers Field Road</u>	<u>Allston</u>	<u>02134</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>Ward 22</u>	<u>42.369661</u>	<u>-71.125867</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>2200577010</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>Edward</u>	<u>Milch</u>	
a. First Name	b. Last Name	
<u>Harvard University, FAS - Office of Physical Resources and Planning</u>		
c. Organization		
<u>60 JFK Street</u>		
d. Street Address		
<u>Cambridge</u>	<u>MA</u>	<u>02138</u>
e. City/Town	f. State	g. Zip Code
<u>(617)496-331</u>	<u>emilch@fas.harvard.edu</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

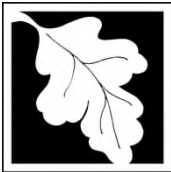
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Charlie</u>	<u>Roberts</u>	
a. First Name	b. Last Name	
<u>Childs Engineering Corporation</u>		
c. Company		
<u>34 William Way</u>		
d. Street Address		
<u>Bellingham</u>	<u>MA</u>	<u>02019</u>
e. City/Town	f. State	g. Zip Code
<u>(508)966-9092</u>	<u>robertsc@childseng.com</u>	
h. Phone Number	i. Fax Number	j. Email address

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

<u></u>	<u></u>	<u></u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Taking three soil borings around the existing pier and floats.

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.

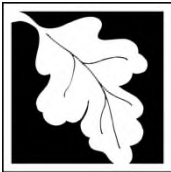
8. Property recorded at the Registry of Deeds for:

Suffolk	
a. County	b. Certificate # (if registered land)
2694	530
c. Book	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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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.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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 checked="" type="checkbox"/> Land Under Waterbodies and Waterways	3 SF (Temp) _____	_____
	1. square feet	2. square feet

	3. cubic yards dredged	

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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. <input type="checkbox"/> 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

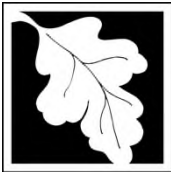
4. Proposed alteration of the Riverfront Area:

0	0	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)

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 type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	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	_____	_____
	1. square feet	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.

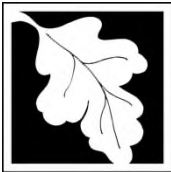
a. square feet of BVW

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

- 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**

7/7/21
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).*

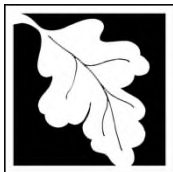
c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
 - Assessor’s Map or right-of-way plan of site
- 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/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).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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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.

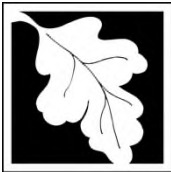
D. Additional Information

- 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 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.

Newell Boring Locations

a. Plan Title	_____	_____
Childs Engineering	_____	Charlie Roberts
b. Prepared By	_____	c. Signed and Stamped by
07/07/2021	_____	As indicated
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:

<u>10210</u>	_____	<u>7/7/21</u>	_____
2. Municipal Check Number	_____	3. Check date	_____
<u>10209</u>	_____	<u>7/7/21</u>	_____
4. State Check Number	_____	5. Check date	_____
<u>Childs Engineering</u>	_____	_____	_____
6. Payor name on check: First Name	_____	7. Payor name on check: Last Name	_____

Additional Municipal Check # 10218 - \$100 7/23/21



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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.

	
1. Signature of Applicant	7/23/21
	2. Date
3. Signature of Property Owner (if different)	4. Date
	7/23/21
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 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.



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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:

801 Soldiers Field Road	Allston
a. Street Address	b. City/Town
_____	_____
c. Check number	d. Fee amount
_____	_____

2. Applicant Mailing Address:

Edward	Milch	
a. First Name	b. Last Name	
_____	_____	
c. Organization		

d. Mailing Address		

e. City/Town	f. State	g. Zip Code
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email Address
_____	_____	_____

3. Property Owner (if different):

_____	_____	
a. First Name	b. Last Name	
_____	_____	
c. Organization		

d. Mailing Address		

e. City/Town	f. State	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).



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B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat 1	1	110	110
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Step 5/Total Project Fee:			110
Step 6/Fee Payments:			
Total Project Fee:			110
State share of filing Fee:			97.50
City/Town share of filing Fee:			122.50
			a. Total Fee from Step 5
			b. 1/2 Total Fee less \$12.50
			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.)



A. GENERAL INFORMATION

1. Project Location

801 Soldiers Field Road

Allston

02134

a. Street Address

b. City/Town

c. Zip Code

Ward 22

2200577010

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant

Edward

Milch

Harvard University, FAS - Office of Physical Resources and Planning

a. First Name

b. Last Name

c. Company

60 JFK Street

d. Mailing Address

Cambridge

e. City/Town

MA

f. State

02138

g. Zip Code

(617)496-331

h. Phone Number

i. Fax Number

emilch@fas.harvard.edu

j. Email address

3. Property Owner

a. First Name

b. Last Name

c. Company

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

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)

Charlie

a. First Name

Roberts

b. Last Name

Childs Engineering Corporation

c. Company

34 William Way

d. Mailing Address

Bellingham

e. City/Town

MA

f. State

02019

g. Zip Code

(508)966-9092

h. Phone Number

i. Fax Number

robertsc@childseng.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

Take 3 soil borings from a barge around the existing pier and floats.

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

530

b. Page Number

2694

c. Book

d. Certificate # (if registered land)

9. Total Fee Paid

\$247.50

a. Total Fee Paid

\$97.50

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	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 25-foot Waterfront Area	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 100-foot Salt Marsh Area	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Riverfront Area	_____ 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	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Isolated Wetlands	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Vernal Pool	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Vernal Pool Habitat (vernal pool + 100 ft. upland area)	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> 25-foot Waterfront Area	_____ Square feet	_____ Square feet	_____ Square feet
<input type="checkbox"/> Riverfront Area	_____ 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?



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/nhosp/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 **Its below water and temporary**
- 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.

Signature of Applicant

7.23.21

Date

Signature of Property Owner (if different)

Signature of Representative (if any)

7/23/21

Date

Date

ATTACHMENT A
Project Description

ATTACHMENT A – PROJECT DESCRIPTION
Soil Borings at Newell Boathouse

This summary outlines the proposed project activities, existing conditions, anticipated impacts and mitigation measures to ensure that the proposed project minimizes impacts on wetland resource areas.

1.0 PROPERTY ADDRESS

The address listed for the Newell Boathouse is 801 Soldiers Field Road, Allston, MA 02134. This is the address given when performing an online search for the boathouse. The City of Boston Assessing Department's abutter mailing list generator lists the parcel number as 2200577010 for the Newell Boathouse. The address for this parcel is 1345 Soldiers Field Road, 02135 according to the abutter mailing list generator.

2.0 PROJECT PURPOSE AND NEED

The proposed project involves taking three soil borings adjacent to the pier and floats to provide the soil conditions for future design work to repair the boathouse pier. These soil borings will be advanced up to 100 feet with samples taken every five feet. This enables us to use a split spoon sampler to conduct blow tests. The samples and test data are then used by the geotechnical engineer to determine the amount of embedment of any new piles required in future design work. It will take approximately 2-3 days to complete the work using a drill rig mounted on a floating barge. The drill rig will use a rotary drill bit to make a hole in the riverbed and place up to 6" diameter casings into it to temporarily hold it open. Every five feet a split spoon sampler will be driven into the sediment to access its quality and to remove a sample from that location. Once the sample is recovered the drill will advance a further five feet. The drill uses only the river water to help with the drilling and no other fluids. The equipment uses a hydraulic pump to operate the drill and a mechanical winch to lift the pipe, this equipment is checked daily to make sure it is in good working order and there is a spill kit on board in case of an issues. The barge will either use spuds/legs to hold it in place or will use three anchors. Both of these will also have a minimal impact on the riverbed. Once the drilling is complete down approximately 100 feet or until refusal is hit, the drill and casing will all be pulled from the hole and nothing left behind.

3.0 ANTICIPATED IMPACTS AND MITIGATION MEASURES

Resource Areas and Anticipated Impacts

Land Under Water Bodies and Waterways

The proposed boring will not permanently alter land under water bodies and waterways since the boring are being performed in 3 location with very isolated impacts to the mudline, additionally:

ATTACHMENT A – PROJECT DESCRIPTION
Soil Borings at Newell Boathouse

10.56 (4) General Performance Standards.

(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;

(1) The borings will not impair the water carrying capacity of the Charles River, as they will be done from a floating barge that will rise or fall with any change in water elevation

2. Ground and surface water quality;

(2) The borings will not impair the ground and surface water quality, there will only be minimal temporary disturbance as the drill advances causing disturbance to the sediment locally in the area of the boring.

3. The capacity of said land to provide breeding habitat, escape cover and food for fisheries; and

(3) The borings will not impair the capacity of the bank to provide breeding habitat, escape cover, and food for fisheries, as they are very temporary, have a very limited impact, and will be done in the river as shown on the plans.

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.

(4) The borings will not impair of the capacity of the bank to provide important wildlife functions as they are very temporary, have a very limited impact, and will be done in the river as shown on the plans.

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 bankfull 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

ATTACHMENT A – PROJECT DESCRIPTION
Soil Borings at Newell Boathouse

is exempt from the requirement to perform a habitat evaluation in accordance with the procedures established under 310 CMR 10.60.

(5) The borings are not near a stream crossing;

(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.

(b) This work does not have the intent to maintain or improve boat channels.

(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.

(c) The project site is not located within an estimated habitat of rare wildlife so it will not adversely affect this resource area.

Mitigation Measures

The contractor will take care to minimize any disturbance, but this work is already minimally impactfully and of a temporary basis. The water and larger solids will be, as best possible, captured when washed out of the top of the casing and into a settling trough and to the extent possible be reused or allowed to settle.

The equipment uses a hydraulic pump to operate the drill and a mechanical winch to lift the pipe, this equipment is checked daily to make sure it is in good working order and there is a spill kit on board in case of an issues.

At the completion of the project, all equipment, material, and debris will be removed from the site.

This project is not subject to provisions of the MassDEP Stormwater Management Standards.

Floodplain

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for the city of Boston FEMA Community Panel Map Number 25025C0057G was reviewed. As per review of the FIRM map, the project is located in Zone AE (EL. 4.0 in reference to NAVD88) of this resource area.

ATTACHMENT A – PROJECT DESCRIPTION
Soil Borings at Newell Boathouse

Climate Change and Resiliency

The project is to take 3 soil boring over 3 days, this data will be used for designing repairs. There is no anticipated impact or need to address climate change and resiliency as part of this application.

4.0 FEE EXPLANATION

The proposed work is classified as borings and therefore is *Category 1*. The category 1 pricing is based on each activity. The price per activity is \$110.

The Boston Conservation Commission does not accept the municipal portion of the NOI fee, they use a separate fee structure. The estimated project cost is \$45,000.00. For this project cost a fee of \$50 is required in lieu of the municipal portion of the state fee.

Commonwealth of Massachusetts	\$97.50
City of Boston	\$50.00 plus \$100 for Cat 1

ATTACHMENT B – NOTIFICATION TO ABUTTERS & AFFIDAVIT OF SERVICE
Soil Borings at Newell Boathouse

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetland Protection Act

(to be submitted to the Massachusetts Department of Environmental Protection
and the Conservation Commission when filing a Notice of Intent)

I, Charlie Roberts, hereby certify under the pains and penalties of perjury that on July 7, 2021 I gave notification to abutters in compliance with the second paragraph of the Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in conjunction with the following matter:

A Notice of Intent filed under the Massachusetts Wetlands Protection Act by Harvard University with the Boston Conservation Commission on July 7, 2021 for the property located at 801 Soldiers Field Road, Allston, MA 02134.

The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of service.



NAME: Charlie M. Roberts

DATE: July 7, 2021

ATTACHMENT B – NOTIFICATION TO ABUTTERS & AFFIDAVIT OF SERVICE
Soil Borings at Newell Boathouse

Notification to Abutters

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. **Harvard University** 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 801 Soldiers Field Road, Allston, MA.

C. The project involves taking three soil borings around the pier and floats.

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 the representative Childs Engineering via email to robertsc@childseng.com.

F. In accordance with the Commonwealth of Massachusetts Executive Order Suspending Certain Provisions of the Open Meeting Law, 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.

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.



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 dukumentu ó aplikason ten **informason inpurtanti** sobri bu direitus, rasponsabilidadi i/ó benefisius. 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.





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. **Harvard University** 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。

B. 拟开展改建活动的地块地址为：**801 Soldiers Field Rd, Allston, MA**。

C. 该项目涉及以下建设内容：**專案說明：本專案將利用安裝在駁船上的鑽孔設備在現有浮動碼頭周圍的水面上進行 3 次土壤鑽孔。**

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 **8a-5p, Mon-Fri** 在 **Charlie Roberts, robertsc@childseng.com** 处获取意向通知的副本。

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-notices。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。

TRANSLATION CERTIFICATE

I, Muneebur Rahman, certify to the best of my knowledge and belief that the following is a true and accurate translation of the below-mentioned document(s) from English into Traditional Chinese completed under my supervision this 23rd day of July, 2021.

Description of document(s): Project description

Number of pages: 3

Including --

Translation certificate: 1 page

Translation: 1 page

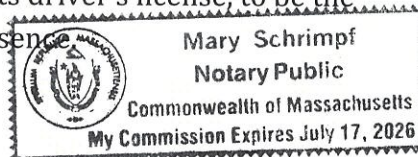
Source: 1 page



Muneebur Rahman

SIGNATURE

On this 23rd day of July, 2021, before me, the undersigned notary public, personally appeared Muneebur Rahman who proved to me through satisfactory evidence of identification, which was Massachusetts driver's license, to be the person who signed the above statement in my presence.



Mary Schrimpf

NOTARY PUBLIC'S SIGNATURE & SEAL

專案說明：本專案將利用安裝在駁船上的鑽孔設備在現有浮動碼頭周圍的水面上進行 3 次土壤鑽孔。



Project Description: the project will involve taking 3 soil borings over the water, around the existing float and dock, using barge mounted drilling equipment.



Search for an address or enter a parcel ID below.

ADDRESS SEARCH

801 Soldiers Field Road, Boston, Mass

PARCEL SEARCH

SEARCH

SELECTED PARCEL

2200577010 - undefined

Enter a buffer distance and a the mailing list csv will appear below.

BUFFER DISTANCE (FEET)

300

BUFFER PARCEL

[DOWNLOAD MAILING LIST CSV](#)



ATTACHMENT B
Abutters List

ATTACHMENT B – NOTIFICATION TO ABUTTERS & AFFIDAVIT OF SERVICE
Soil Borings at Newell Boathouse

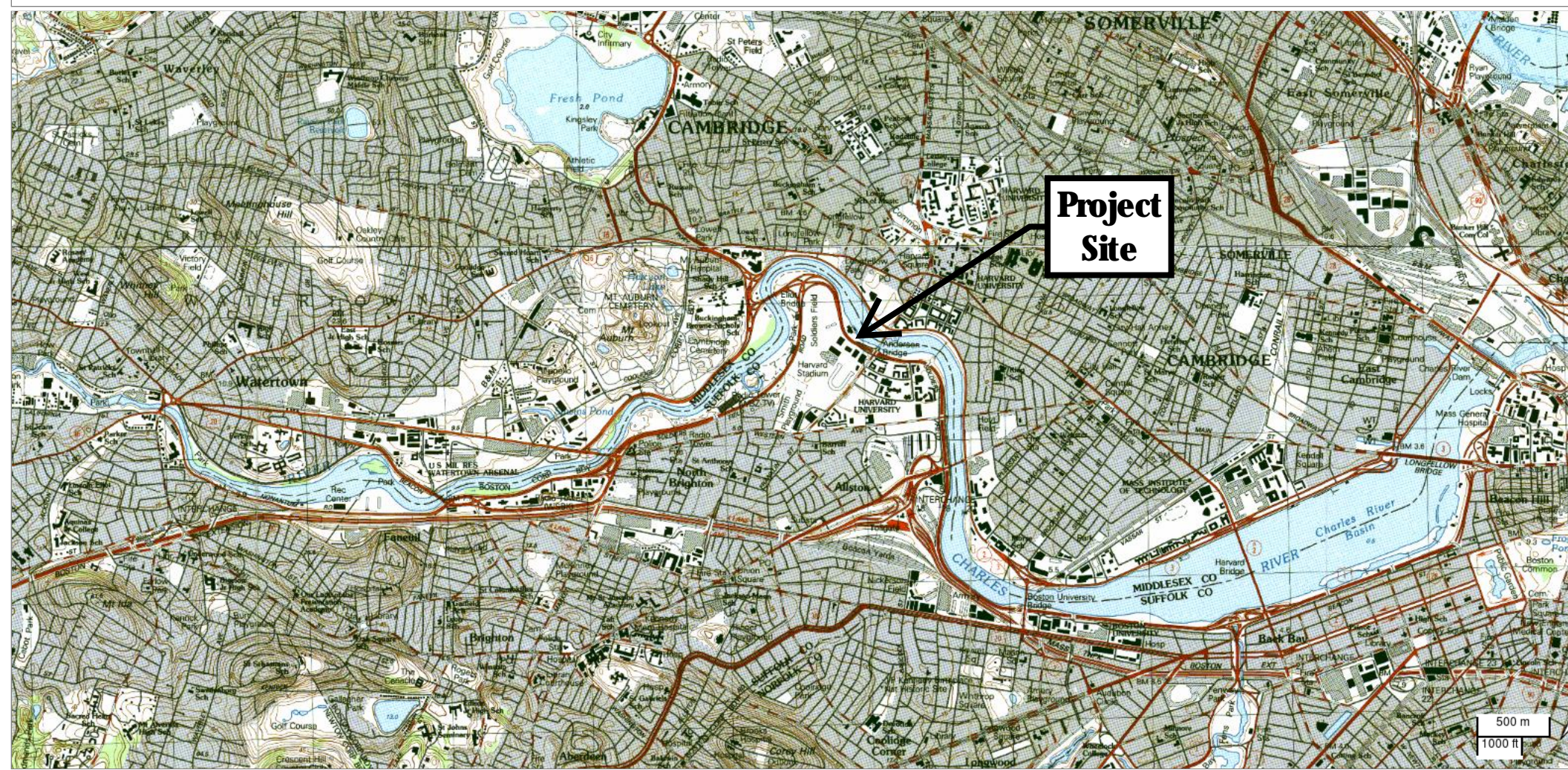
LIST OF ABUTTERS

Parcel No.	Property Address	Owner Name	Owner Address
2200577000	525 Western Ave, Allston, MA 02135	Commonwealth of Massachusetts	525 Western Ave, Allston, MA 02134
2200533000	69 N Harvard St, Allston, MA 02135	Harvard College	69 N Harvard St, Allston, MA 02134

ATTACHMENT C
Project Plans

Project Site

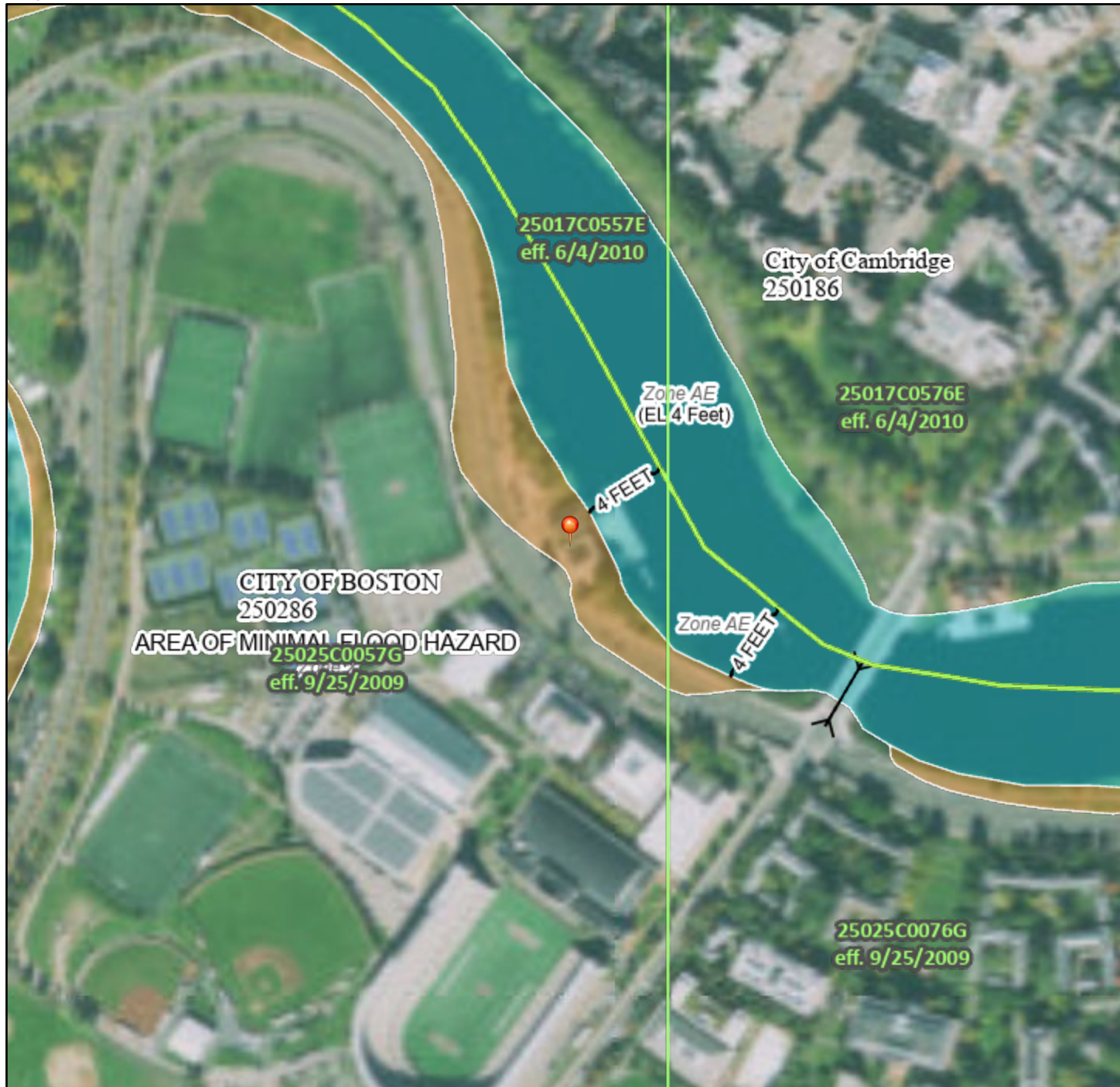
500 m
1000 ft



National Flood Hazard Layer FIRMMette



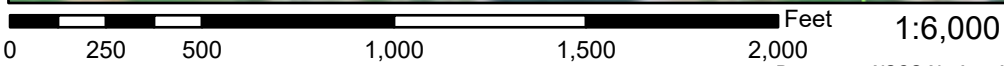
71°7'52"W 42°22'24"N



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, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | 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 D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 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.



71°7'14"W 42°21'58"N

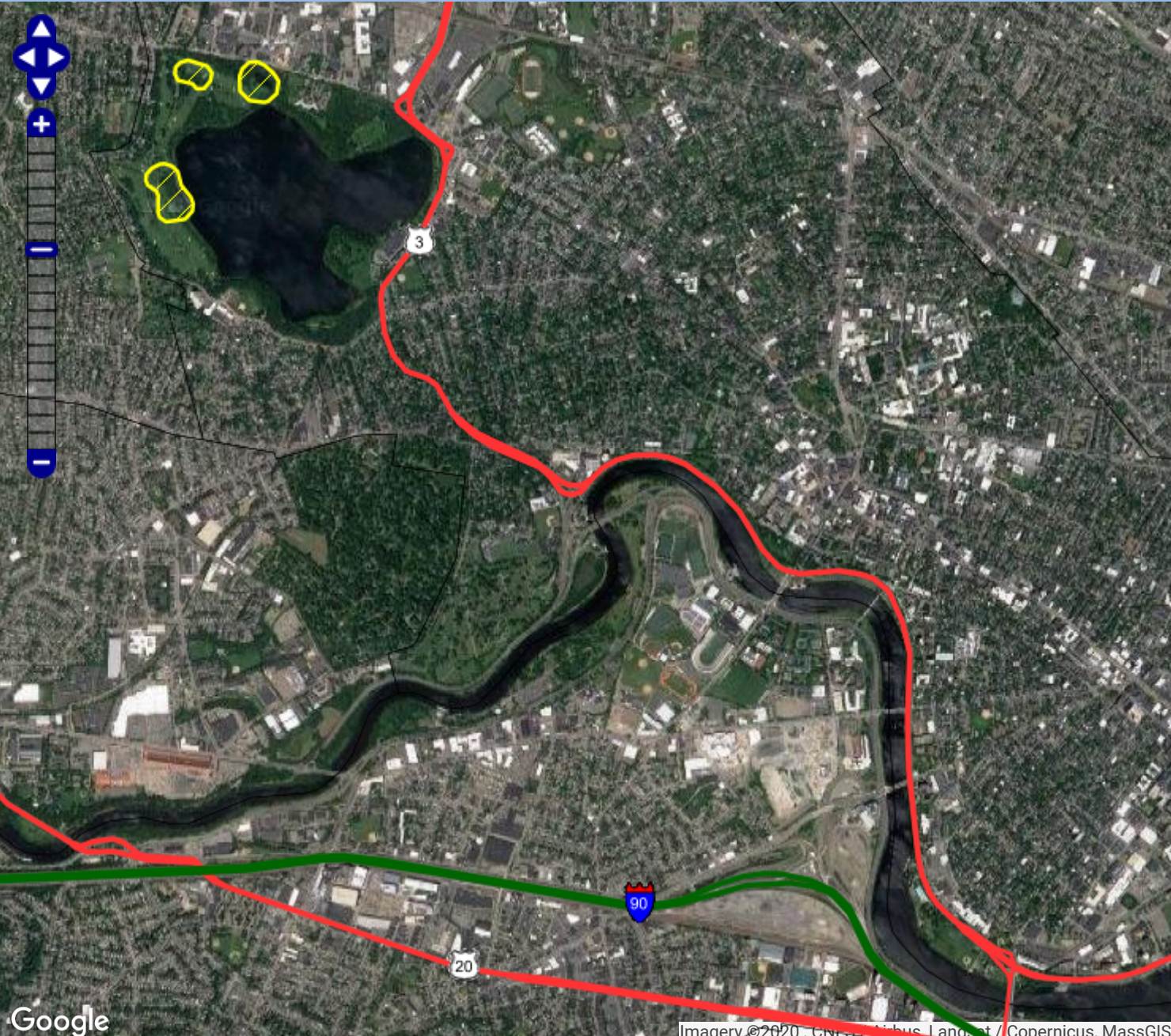
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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 **7/23/2021 at 10:26 AM** 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.

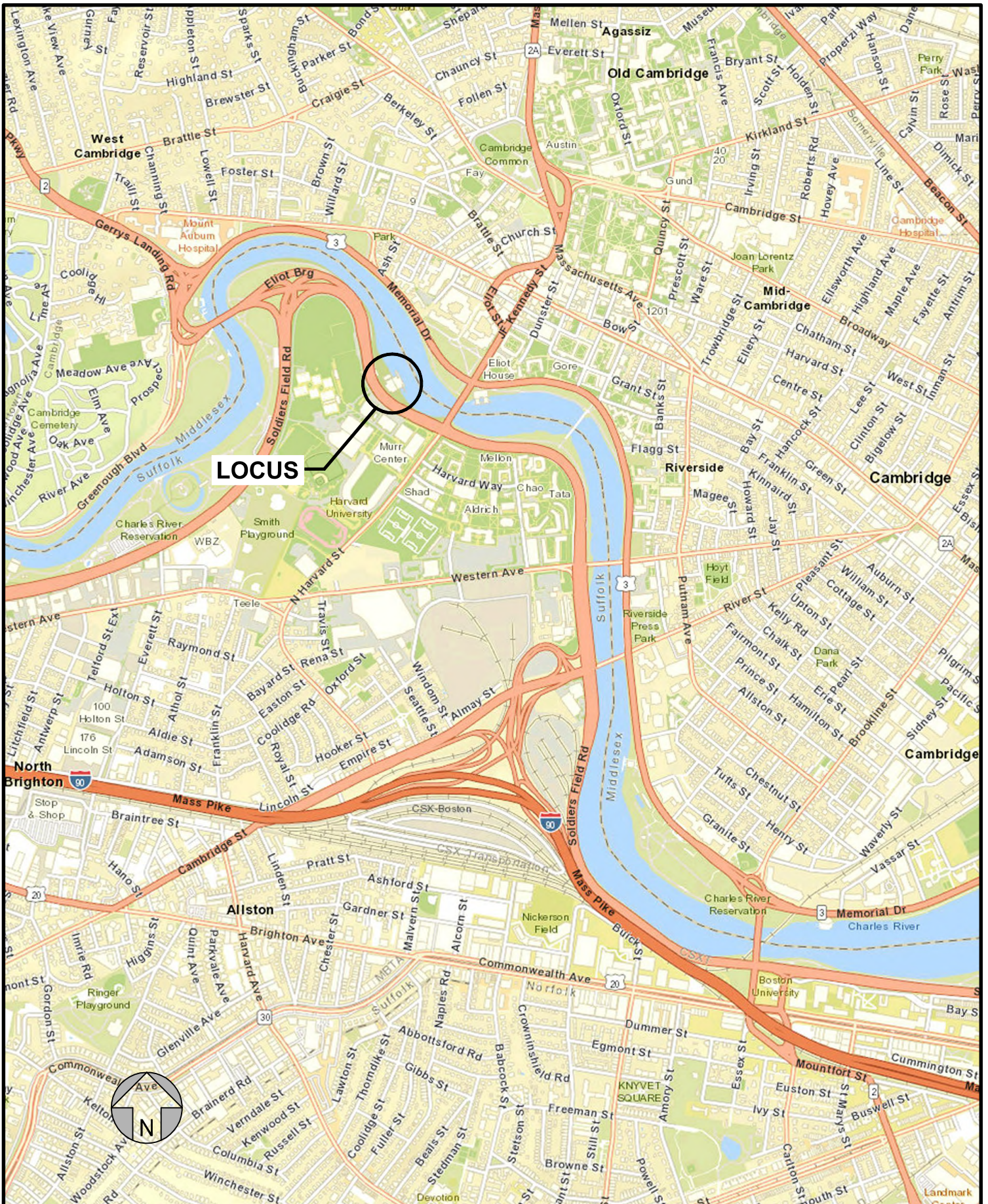
Map navigation toolbar including zoom in (+), zoom out (-), search (magnifying glass), globe, refresh, and search input field: "Search for a location".



Imagery ©2020, CNES, Airbus, Landsat / Copernicus, MassGIS

Scale bar showing 0 m and a blue grid icon.

QUINNT K:\2843-18.01 BOATHOUSE PERMITTING - HARVARD\CADD\PERMIT DWGS\NOI-NEWELL\SOIL BORING DWGS\284318.01 NOI-01 LOCUS.DWG Jul 07, 2021 - 10:59am



34 WILLIAM WAY, BELLINGHAM, MA 02019 U.S.A.
 Phone: (508) 966-9092 E-mail: mail@childseng.com

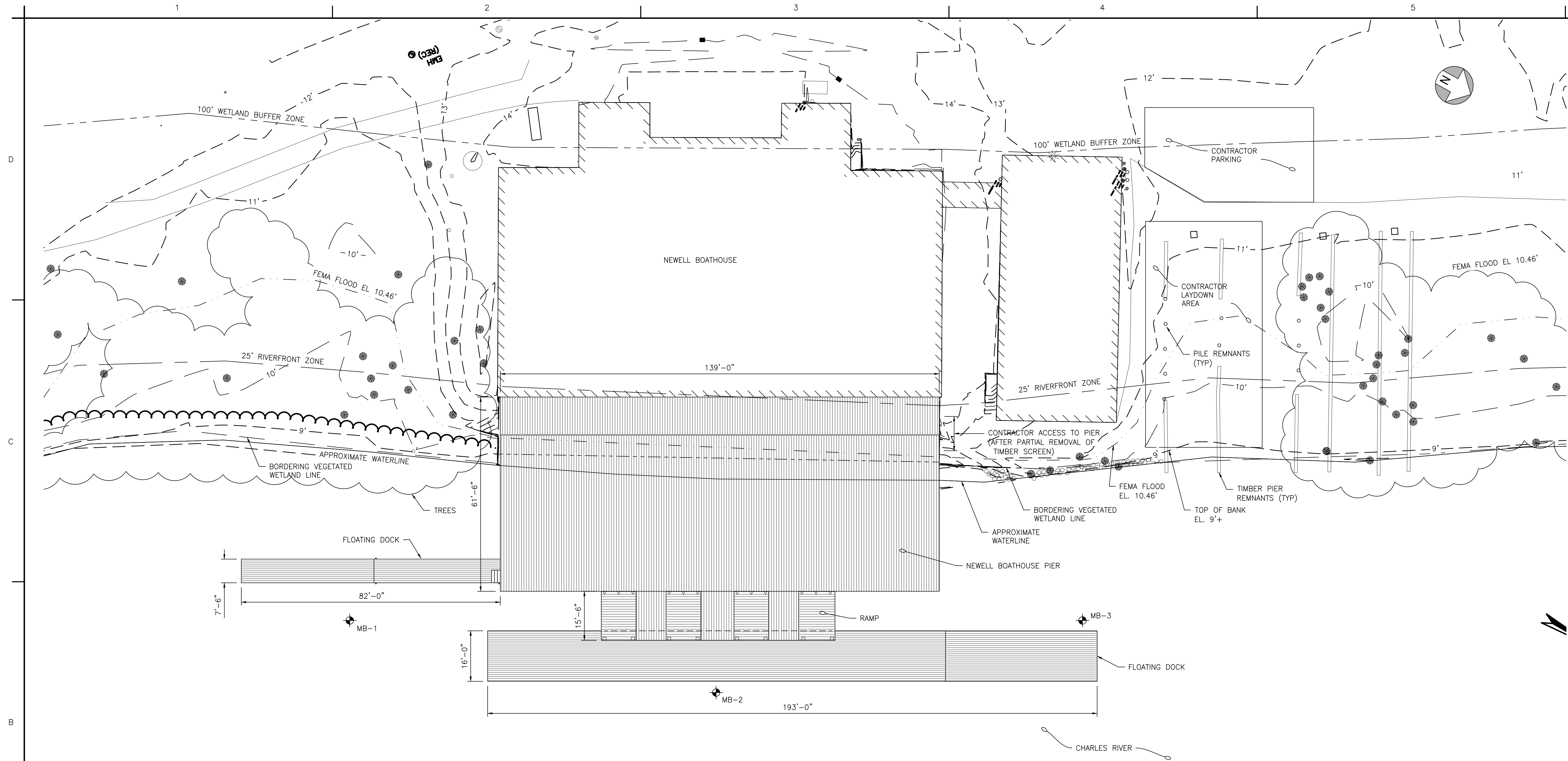
Designed by:	TEQ	Date:	07/07/21
Down by:	CMR	Design file no.:	284318.01 SK-01
Reviewed by:	CMR	Scale:	NOT TO SCALE

Newell Boathouse Pier
 Harvard University
 Allston, MA

LOCUS MAP

Sheet reference number:
NOI-01
 Sheet 1 of 2

K:\2843-18.01 BOATHOUSE PERMITTING - HARVARD\CAADD\PERMIT DWGS\NOI-NEWELL\SOIL BORING DWGS\284318.01 NOI-02 PLAN.DWG Jul 07, 2021 - 3:13pm



LEGEND
 MB-1 SOIL BORING LOCATION

EXISTING PLAN
 SCALE: 1"=10'-0"
 1"=10'-0" 10 0 10 20
 SCALE IN FEET

CHILDS ENGINEERING
 34 WILLIAM WAY, BELLINGHAM, MA 02019 U.S.A.
 Phone: (508) 866-9092
 E-mail: mail@childseng.com



Mark	Description	Date	Appr.

Designed by:	CMR	Date:	07/07/21
Drawn by:	TEQ	Design file no.:	284318.01 NOI-02
Checked by:	CMR	Scale:	AS NOTED
Reviewed by:	CMR		

NEWELL BOATHOUSE PIER
 HARVARD UNIVERSITY
 ALLSTON, MA
EXISTING PLAN

Sheet reference number:
NOI-02
 Sheet 2 of 2