



pressley

February 6, 2018

Boston Conservation Commission  
City of Boston Environment Department  
Boston City Hall Room 805  
Boston, MA 02201

**Re: Notice of Intent  
Olmsted Park Landscape Improvements  
Parcel 1001585000  
Boston, Massachusetts**

Dear Commission Members

On behalf of our client, Boston Parks and Recreation Department (BPRD), Pressley Associates is pleased to submit this Notice of Intent (NOI) for the above referenced project. The Boston Parks and Recreation Department (BPRD) proposes to rehabilitate this historic and ecologically significant landscape as a pilot project for future rehabilitation of woodlands within the Emerald Necklace Parks. The project site is a portion of the southern end of Olmsted Park around Wards Pond and on Nickerson Hill within the City of Boston ownership of the park.

This work is necessary because the existing trails and granite stairways are deteriorated, existing trees require care, and upland invasive species are in need of removal and management. A portion of the pathway, approximately 420' linear feet, is being regraded and widened to comply with accessibility standards for trails and to accommodate access for safety vehicles. Various rehabilitation techniques will be used, depending on the existing conditions. Major renovation will only occur where necessary; less intensive methods will be used whenever feasible, as described in the attached NOI. Work will occur within the 25-Foot Riverfront Areas of the Babbling Brook and within the buffer zone for both Babbling Brook and Wards Pond. No work will occur within the BVW and the BVW will be protected. Landscape improvements in the upland areas of the buffer areas include, pruning trees, control of invasive plants, and planting of native trees, shrubs, and groundcover herbaceous layer.

We understand that the next public hearing is scheduled for February 21, 2018. Please call me at (617) 969-1934 ext. 201, if you want to schedule a site visit or if you have any questions regarding this NOI. We look forward to working with you on this project.

Sincerely,

Marion Pressley FASLA RLA  
Landscape Architect  
Pressley Associates Inc

Cc: MassDEP  
Margaret Dyson, BPRD

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# Contents

## WPA Form 3 - Notice of Intent Form

### Attachment A - Project Narrative

- E1 Project Site Survey
- E2 Site Aerial Photograph
- E3 Existing Conditions & Analysis Plan (South)
- E4 Existing Conditions & Analysis Plan (North)
- E5 Existing Conditions Photos Site Steps
- E6 Existing Conditions Site Pathways
- E7 Existing Conditions Site Vegetation

### Attachment B - F1 Project Locus (USGS) Map

### Attachment C - F2 Flood Insurance Rate Map (FIRM)

### Attachment D - Abutter Notification

### Attachment E - Project Plans (Bound Separately)

- Sheet 1 Cover
- Sheet 2A Existing Conditions Survey
- Sheet 2B Site Preparation Plan
- Sheet 3 General Notes and Legend
- Sheet 4A High Priority Tree Pruning & Site Access Plan
- Sheet 4B High Priority Tree Pruning & Site Access Plan
- Sheet 5A Invasive Plant Management
- Sheet 5B Invasive Plant Management
- Sheet 6A Planting & Slope Stabilization Plan
- Sheet 6B Planting & Slope Stabilization Plan
- Sheet 6C Planting & Slope Stabilization Plan
- Sheet 6D Planting & Slope Stabilization Plan
- Sheet 6E Planting & Slope Stabilization Details
- Sheet 7A Step Re-setting & Path Improvements
- Sheet 7B Step Re-setting & Path Improvements
- Sheet 7C Step Re-setting & Path Improvements
- Sheet 8 Site Details



**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
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):

<u>Olmsted Park, 156 Jamaicaaway</u>	<u>Boston</u>	<u>02130</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	<u>42.3259N</u>	<u>71.1149W</u>
	d. Latitude	e. Longitude
	<u>1001585000</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Christopher</u>	<u>Cook</u>	
a. First Name	b. Last Name	
<u>Boston Parks and Recreation Department</u>		
c. Organization		
<u>1010 Massachusetts Avenue</u>		
d. Street Address		
<u>Boston</u>	<u>MA</u>	<u>02118</u>
e. City/Town	f. State	g. Zip Code
<u>617-635-4505</u>	<u>christoper.cook@boston.gov</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

(same as above)

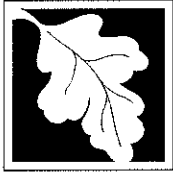
a. First Name	b. Last Name	
c. Organization		
d. Street Address		
e. City/Town	f. State	g. Zip Code
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Marion</u>	<u>Pressley</u>	
a. First Name	b. Last Name	
<u>Pressley Associates, Inc.</u>		
c. Company		
<u>219 Parker Street</u>		
d. Street Address		
<u>Newton Centre</u>	<u>MA</u>	<u>02459</u>
e. City/Town	f. State	g. Zip Code
<u>617-969-1934</u>	<u>617-969-1066</u>	<u>mpressley@pressleyinc.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>N/A</u>	<u>N/A</u>	<u>N/A</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:

Olmsted Park Landscape Site Improvements. Rehabilitation of existing deteriorated pathways and granite stairways and implementation various landscape improvements in the woodlands around Wards Pond

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)

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.

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 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	N/A see FIRM map 1. square feet 3. cubic feet of flood storage lost	2. square feet 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 checked="" type="checkbox"/> Riverfront Area	Babbling Brook - inland 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: 10,422 sf  
square feet

4. Proposed alteration of the Riverfront Area:

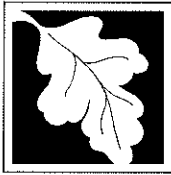
<u>10,422 sf</u>	<u>10,422 sf (0-25')</u>	
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

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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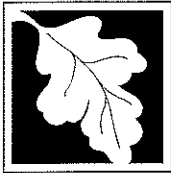
Provided by MassDEP:
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## B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

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. <input type="checkbox"/> 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. <input type="checkbox"/> 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](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

- 14th edition 2017  
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

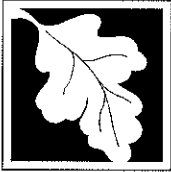
- Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work \*\*

(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 <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/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 [http://www.mass.gov/dfwele/dfw/nhesp/regulatory\\_review/ mesa/ mesa\\_fee\\_schedule.htm](http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_fee_schedule.htm)). 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, [http://www.mass.gov/dfwele/dfw/nhesp/regulatory\\_review/ mesa/ mesa\\_exemptions.htm](http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_exemptions.htm); 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:

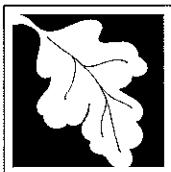
North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -  
Southeast Marine Fisheries Station  
Attn: Environmental Reviewer  
1213 Purchase Street – 3rd Floor  
New Bedford, MA 02740-6694  
Email: [DMF.EnvReview-South@state.ma.us](mailto:DMF.EnvReview-South@state.ma.us)

Division of Marine Fisheries -  
North Shore Office  
Attn: Environmental Reviewer  
30 Emerson Avenue  
Gloucester, MA 01930  
Email: [DMF.EnvReview-North@state.ma.us](mailto:DMF.EnvReview-North@state.ma.us)

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.





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

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

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.

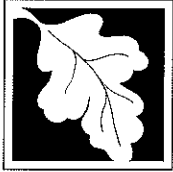
## D. Additional Information

- 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.

Please see Table of Contents for Olmsted Park Landscape Site Improvements

a. Plan Title

Pressley Associates

Marion Pressley

b. Prepared By

c. Signed and Stamped by

08-08-2017

1"=40'

d. Final Revision Date

e. Scale

see attachments

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:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



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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	January 31, 2018
3. Signature of Property Owner (if different)	January 31, 2018
5. Signature of Representative (if any)	January 31, 2018

### 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.

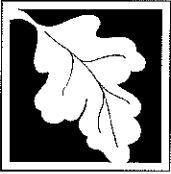
### For MassDEP:

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:

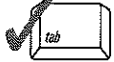
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

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:

a. Street Address	b. City/Town
c. Check number	d. Fee amount

2. Applicant Mailing Address:

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.

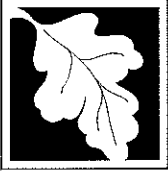
**Step 3/Individual Activity Fee:** Identify each activity fee from the six project categories listed in the instructions.

**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).



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

**B. Fees (continued)**

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Step 5/Total Project Fee:** \_\_\_\_\_

**Step 6/Fee Payments:**

Total Project Fee: \_\_\_\_\_ a. Total Fee from Step 5

State share of filing Fee: \_\_\_\_\_ b. 1/2 Total Fee **less** \$12.50

City/Town share of filing Fee: \_\_\_\_\_ 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.)



## Attachment List

### Attachment A - Project Narrative and Site Photos

- E1 Project Site Survey
- E2 Site Aerial Photograph
- E3 Existing Conditions & Analysis Plan (South)
- E4 Existing Conditions & Analysis Plan (North)
- E5 Existing Conditions Photos Site Steps
- E6 Existing Conditions Photos Site Pathways
- E7 Existing Conditions Photos Site Vegetation

**Attachment B** - F1 Project Locus (USGS) Map

**Attachment C** – F2 Flood Insurance Rate Map (FIRM)

### Attachment D - Abutter Notification

### Attachment E Project Plans (Bound Separately)

- Sheet 1 Cover
- Sheet 2A Existing Conditions Survey
- Sheet 2B Site Preparation Plan
- Sheet 3 General Notes and Legend
- Sheet 4A High Priority Tree Pruning & Site Access Plan
- Sheet 4B High Priority Tree Pruning & Site Access Plan
- Sheet 5A Invasive Plant Management
- Sheet 5B Invasive Plant Management
- Sheet 6A Planting & Slope Stabilization Plan
- Sheet 6B Planting & Slope Stabilization Plan
- Sheet 6C Planting & Slope Stabilization Plan
- Sheet 6D Planting & Slope Stabilization Plan
- Sheet 6E Planting & Slope Stabilization Details
- Sheet 7A Step Re-setting & Path Improvements
- Sheet 7B Step Re-setting & Path Improvements
- Sheet 7C Step Re-setting & Path Improvements
- Sheet 8 Site Details

# **Attachment A**

## **Project Narrative**



# Attachment A

## Project Narrative

### 1.0 Project Description

The Boston Parks and Recreation Department (BPRD) will rehabilitate existing deteriorated trails and granite stairways and implement various landscape improvements in the woodlands. No work will be done within bordering vegetated wetlands or land under water. Landscape Improvement in the upland areas of the buffer areas include pruning trees, control of invasive plants, and planting of native trees, shrubs, and groundcover herbaceous layer. A portion of the pathway, approximately 340' linear feet, is being regraded and widened to meet accessibility standards for trails and to accommodate access for safety vehicles. Various rehabilitation techniques will be used depending on the existing conditions. Major renovation will only occur where necessary; less intensive methods will be used wherever feasible.

Work will occur within the buffer zone of Wards Pond and Babbling Brook as well as in 10,422 square feet of riverfront area.



Fig. 1: MassGIS Orthophoto Olmsted Park Boston, MA approximate scale 1"=200' City of Boston property line

### 2.0 Existing Conditions

Pathways and historic staircases are in deteriorated condition. Many significant trees require pruning. Invasive species are present in many areas of the site.

Existing Trails: The existing trails as originally developed in the 1890s were not paved and are still

compacted gravel without an edge treatment. The trail width varies, but historically was designed by Olmsted in the 1890s as 8' wide pathways.

**Existing Granite Stairways:** The existing stairways are the original Olmsted designed stairs from the 1890s. There are three sets of stairways - one at The Jamaicaway and Perkins St intersection and two stairways at Nickerson Hill. None of the stairs have cheek walls and all three sets have erosion issues on one or both sides of the stairs. Not all existing treads are in good condition and settlement has occurred as well. Only two of these stairways are partially within the 100-Foot BVW Buffer Zone.

**Perkins Street Slope:** The existing slope is in the upland area and has erosion issues and most of the existing vegetation is invasive plant material. The tree canopy in this area is light and this once woodland area is lacking minor trees, shrubs, and groundcover layers. The bank needs stabilization including planting to prevent future erosion and sedimentation of Wards Pond. Part of this slope is within the 100-Foot BVW Buffer Zone.

**Tree Assessment for High Priority Pruning:** Tree Specialists Inc did a tree assessment of the existing trees in order to determine which individuals would require high priority pruning or tree removal. No tree removal occurs in the resource area. The assessment looked at safety and risk reduction, as well as, preservation and stabilization of the tree canopy and regeneration of tree species. Limited work is required is within the 100-Foot BVW Buffer Zone and within the 25-Foot Riverfront Buffer Zone.

**Invasive Plant Assessment for Invasive Plant Management:** Tree Specialists Inc. did an invasive plant assessment of woody invasives in the upland areas, identifying species and documenting in plan form high, medium and low priority species removal areas. Existing invasive plants will only be removed within these defined areas some of which are within the 100-Foot BVW Buffer Zone and within the 25-Foot Riverfront Buffer Zone.

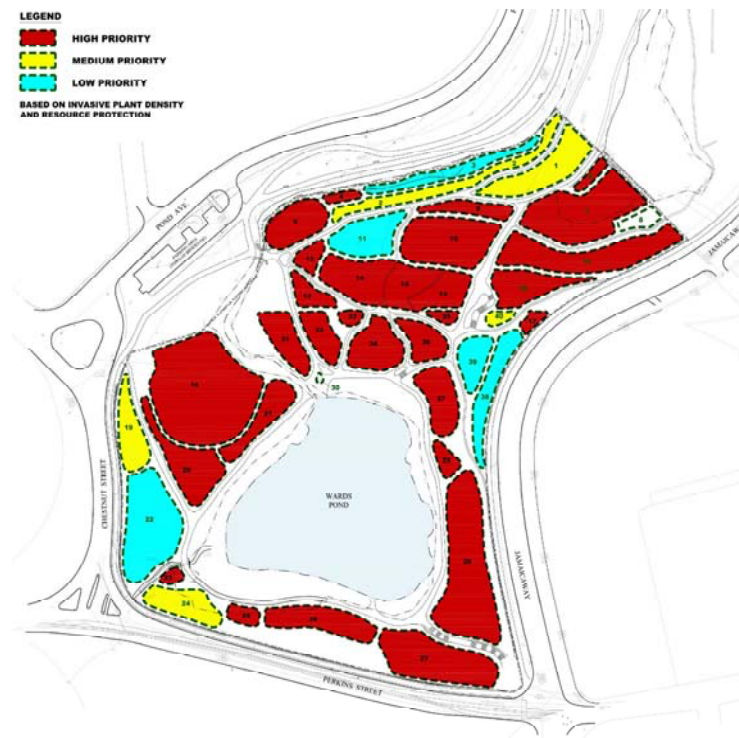


Fig. 2: Invasive Plant Assessment – Tree Specialists Inc.

2.1 Wetland Resources: A full delineation for this site was reviewed and approved by the Boston Conservation Commission as part of the *Phase I Muddy River Flood Control, Water Quality, and Habitat Enhancement, and Historic Preservation Project completed in December, 2001, prepared by CDM*. The wetland boundaries used here are consistent with that delineation. The delineation was confirmed in 2017.

#### **Bordering Vegetated Wetland**

Bordering Vegetated Wetland (BVW) is defined as:

"Freshwater wetlands which border on creeks, rivers, streams, ponds, and lakes. The types of freshwater wetlands are wet meadows, marshes, swamps, and bogs. Bordering Vegetated Wetlands are areas where the soils are saturated and/or inundated such that they support a predominance of wetland indicator plants. The ground and surface water regime and the vegetational community, which occur in each type of freshwater wetland are specified in M.G.Lc, 131, & 40" {310CMR 10:55(2) (a)}

#### **Inland Bank**

Inland Bank is defined as:

"the portion of the land surface which normally abuts and confines a water body. It occurs between a water body and a vegetated bordering wetland and adjacent flood plain, or in the absence of these, it occurs between a water body and an upland." {310CMR 10:55}

The boundary of Inland Bank is defined as:

"the first observable break in the slope or the mean annual flood level, whichever is lower."

#### **Land Under Water**

Land Under Water is (LUW) defined as:

"..The boundary of Land Under Water Bodies and waterways is the mean annual low water level. "3210 CMR 10.56W.

#### **Riverfront Area**

Riverfront Area (RFA) is defined as:

"the area of land between a river's mean annual high water line and a parallel line measured horizontally...outward from the river and a parallel line located 200 feet away...In tidal "-/.IX) rivers, the mean annual high-water line is coincident with the mean high water line A.... determined under 310 CMR 10.23.{310 CMR 10.58 (2) }

The City of Boston has a 25-ft Riverfront Area measured from the mean annual high water line.

#### **Bordering Land Subject to Flooding**

Bordering Land Subject to Flooding (BLSF) is defined as:

"an area with low, flat topography adjacent to the inundated by flood waters rising from creeks, rivers, streams, ponds, or lakes. It extends from the banks of these waterways and water bodies" "310 CMR 10.57.

### **3.0 Work Proposed Within Resource Areas and the 100-Foot Buffer Zone**

No work is proposed in Border Vegetated Wetlands, Inland Bank, or Land Under Water.

#### **3.1 Work Proposed in 25-Foot Riverfront Area**

The Riverfront Area impacted by this project consists of previously disturbed parkland, which includes gravel pedestrian pathways and woodlands. Work proposed in woodland uplands will include high priority pruning and removal of invasive upland plants. The adjacent pathways will be rehabilitated. Pre and post existing grades associated with this project will have no change. Erosion control measures shall be employed to prevent adverse impacts.

### 3.2 Work Proposed in Bordering Land Subject to Flooding

The BLSF impacted by this project consists of previously disturbed parkland, which includes gravel pedestrian pathways and woodlands. Work in BLSF will include high priority pruning and removal of invasive upland plants. Pre and post existing grades associated with this project will have no change, so no loss of flood storage will occur as a result of this project. Erosion control measures shall be employed to prevent adverse impacts. Because site grades will not change within the Bordering Land Subject to Flooding, no loss of flood storage will occur as a result of this project.

### 3.3 Work Proposed within 100-Foot BVW Buffer Zone to Inland Bank

The 100-Foot BVW Buffer zone consists of previously disturbed parkland which includes gravel pedestrian pathways, woodlands, granite stairways, and boardwalk. Work proposed in woodland uplands will include high priority pruning and removal of invasive upland plants. The pathways will be rehabilitated, but pre and post grades associated with this project will have no change. This work is designed to improve conditions in the park by better stabilizing the Buffer Zone and reducing sedimentation. Erosion control measures shall be employed to prevent adverse impacts during construction.

BPRD proposes rehabilitation of approximately 2300' linear feet of gravel trails located within the 100-Foot BVW Buffer. The trail will be 8' feet wide and the 18" inches bordering both sides of the trails shall be mulched with 3" inches of pine bark mulch. Because the condition of the existing gravel trails varies along their length the following techniques will be used as appropriate. Erosion control measures shall be employed during construction to prevent adverse impacts.

- *Trail Renovation:* (Approximately 420' linear feet). The top 2–4" inches of material will be removed. Gravel will be added and compacted where needed.
- *Trail Topdressing:* (Approximately 1540' linear feet) Gravel will be placed on the pathway, then compacted in depression or washouts and/or placed to cover existing roots exposed by erosion to restore trails to previous elevations with a smooth grade.
- *Full Depth Reconstruction of Trail:* (Approximately 340' linear feet) existing trail materials will be removed and the pathway will be regraded to meet trail standards for accessibility established by the Massachusetts DCR Universal Access Program's Summary of Guidelines for Accessible Trails (Based on US Forest Service Trail Accessibility Guidelines May 2006). Gravel will be placed and compacted to restore trail to a smooth grade to comply with universal trail accessibility standards.

*Granite stairways:* Portions of two granite stairways are within the 100-Foot Buffer. All existing units will be removed, those in good condition to be reused will be stockpiled on site and damaged units shall be removed offsite. New units will be provided as required and will match existing stone stair units. The detail for resetting will utilize the original design by Olmsted, which did not have cheek walls and with treads set on a compacted dense graded crushed stone sub-base. The side slopes will be regraded, stabilized, and planted with native shrubs and groundcovers from the Olmsted Planting Lists from the planting in the 1890s. Any adjacent desire lines will be eliminated, regraded, stabilized, and planted. Erosion control measures shall be employed during construction to prevent adverse impacts.

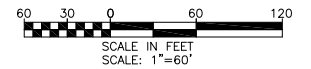
*Slope Stabilization:* Stabilization of woodland slopes within the 100-Foot Buffer shall include contour log placements and the use of compost tubes to stabilize the slope prior to planting of native trees, shrubs and groundcover from the Olmsted Planting Lists from the planting in the 1890s. The major areas to receive this treatment are the Perkins Street woodland slope, slopes at reset stairways, and desire line pathways on Nickerson Hill, which are going to be closed and stabilized to control erosion off the hill. Erosion control measures shall be employed during construction to prevent adverse impacts.

**GENERAL NOTES**

SURVEY PREPARED BY GREEN INTERNATIONAL AFFILIATES, INC., WESTFORD, MA, DATED OCTOBER 5, 2106. SURVEY BASED ON AERIAL SURVEY PERFORMED IN 1999 AND ON-THE-GROUND SURVEY PERFORMED AUGUST 11-31, 2016.

**LEGEND**

	SYMBOL
PROPERTY BOUNDARY	
EDGE OF WATER/STREAM CENTERLINE	
DELINEATED EDGE OF WETLAND (1999)	
TREES	
EXISTING STEPS	
EXISTING PATH	
EXISTING BOARDWALK	



Prepared By: Pressley Associates  
Landscape Architects  
219 Parker Street  
Newton Centre, MA 02459  
Tel: 617-969-1034  
Fax: 617-969-1066  
www.pressleyinc.com



No.	Date	Revision

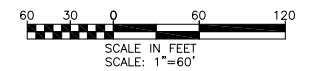
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name.: **OLMSTED PARK**  
**Landscape Site Improvements**

BPRD Project No.	42034
Date	02/24/2017
Scale	1" = 60'-0"
Drawn	GC
Checked	MP

Sheet Name.: **Project Site Survey**

Sheet Number: **E1**



Prepared By:

**P** Pressley Associates  
Landscape Architects  
219 Parker Street  
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Tel: 617-969-1934  
Fax: 617-969-1066  
www.pressleyinc.com



Consultant Project No. 15041.00

No.	Date	Revision

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name.:

**OLMSTED PARK**  
**156 Jamaicaway, Boston, MA**  
**Landscape Site Improvements**  
**Site Analysis Plans**

BPRD Project No.	42034
Date	03/17/2017
Scale	1" = 60'-0"
Drawn	GC
Checked	MP

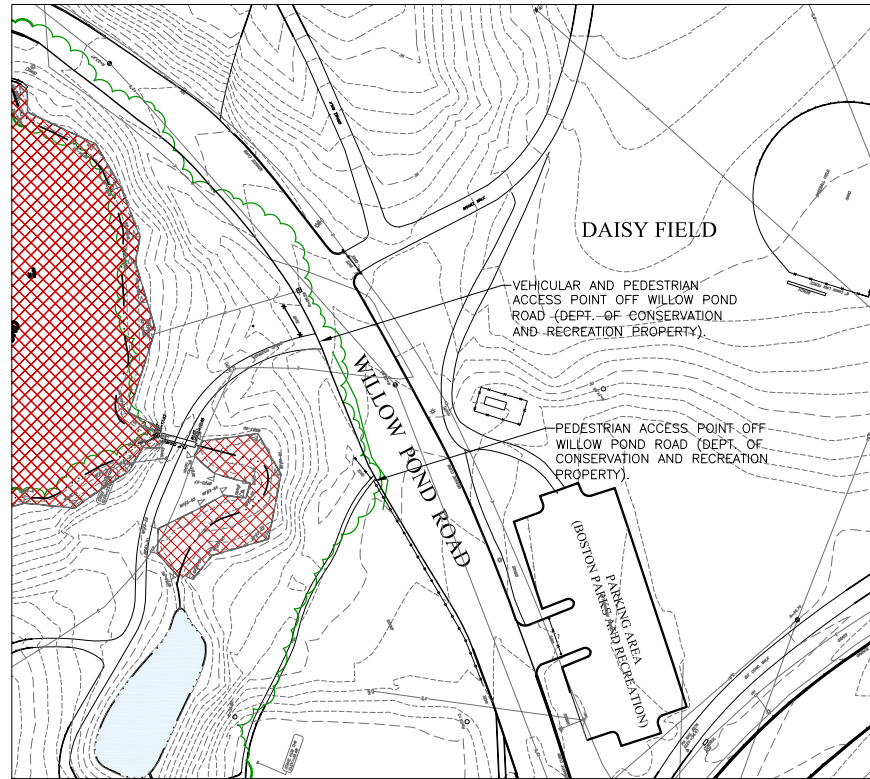
Sheet Name.:

**Site Aerial**  
**Photograph**  
**(Google Earth)**

Sheet Number:

**E2**

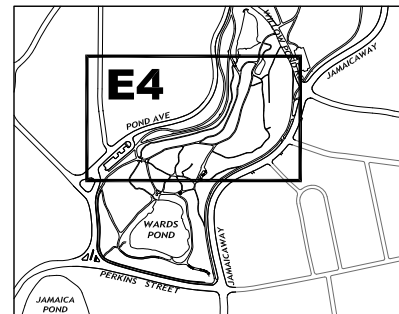




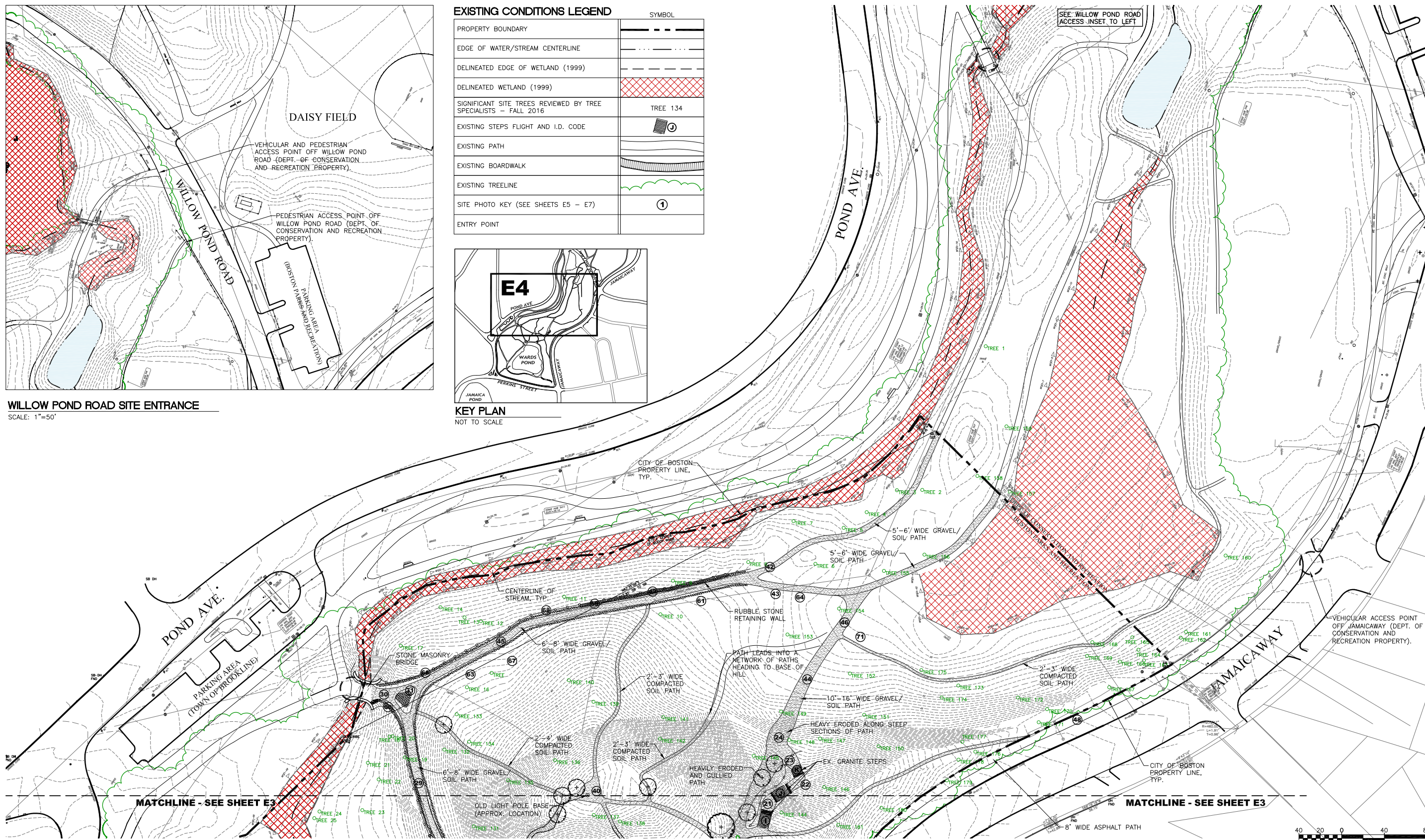
**WILLOW POND ROAD SITE ENTRANCE**  
SCALE: 1"=50'

**EXISTING CONDITIONS LEGEND**

DESCRIPTION	SYMBOL
PROPERTY BOUNDARY	---
EDGE OF WATER/STREAM CENTERLINE	---
DELINEATED EDGE OF WETLAND (1999)	---
DELINEATED WETLAND (1999)	Red cross-hatch pattern
SIGNIFICANT SITE TREES REVIEWED BY TREE SPECIALISTS - FALL 2016	TREE 134
EXISTING STEPS FLIGHT AND I.D. CODE	Ⓢ
EXISTING PATH	---
EXISTING BOARDWALK	---
EXISTING TREELINE	---
SITE PHOTO KEY (SEE SHEETS E5 - E7)	①
ENTRY POINT	①

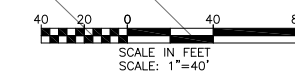


**KEY PLAN**  
NOT TO SCALE



MATCHLINE - SEE SHEET E3

MATCHLINE - SEE SHEET E3



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www.pressleyinc.com



No.	Date	Revision

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name: **OLMSTED PARK**  
**156 Jamaica Way, Boston, MA**  
**Landscape Site Improvements**  
**Site Analysis Plans**

BPRD Project No.	42034
Date	03/17/2017
Scale	1" = 40'-0"
Drawn	GC
Checked	MP

Sheet Name: **Existing Conditions and Analysis Plan**

Sheet Number: **E4**





1 - Historic steps "A"



2 - Historic steps "A"



3 - Historic steps "A"



4 - Historic steps "A"



5 - Historic steps "A" and "B"



6 - Historic steps "A", "B", and "C"



7 - Historic steps "D"



8 - Historic steps "D"



9 - Historic steps "E", "F", and "G"



10 - Historic steps "E", "F", and "G"



11 - Historic steps "G"



12 - Historic steps "F" and "G"



13 - Historic steps "H"



14 - Historic steps "H"



15 - Historic steps "H"



16 - Historic steps "H"



17 - Historic steps "I"



18 - Historic steps "I" and "J"



19 - Historic steps "I"



20 - Historic steps "J"



21 - Historic steps "J" and "K"



22 - Historic steps "K"



23 - Historic steps "K"



24 - Historic steps "K"



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Consultant Project No. 15041.00

No.	Date	Revision

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name.:

**OLMSTED PARK**  
**156 Jamaicaway, Boston, MA**  
**Landscape Site Improvements**  
**Site Analysis Plans**

BPRD Project No.	42034
Date	03/17/2017
Scale	
Drawn	GC
Checked	MP

Sheet Name.:

**Existing**  
**Conditions Photos**  
**Site Steps**

Sheet Number:

**E5**



25



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48

SCALE: 1"=40'



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Consultant Project No. 15041.00

No.	Date	Revision

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name.:

**OLMSTED PARK**  
**156 Jamaica Way, Boston, MA**  
**Landscape Site Improvements**  
**Site Analysis Plans**

BPRD Project No.	42034
Date	03/17/2017
Scale	
Drawn	GC
Checked	MP

Sheet Name.:

**Existing**  
**Conditions Photos**  
**Site Pathways**

Sheet Number:

**E6**



49



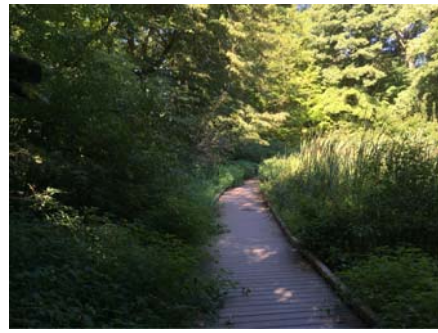
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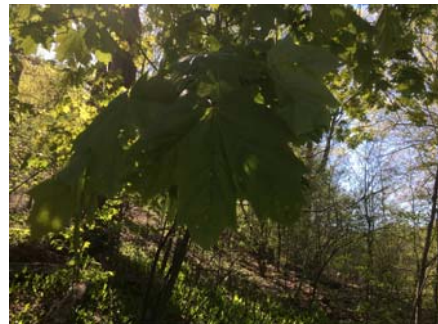
67



68



69



70



71



72

SCALE: 1"=40'



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Consultant Project No. 15041.00

No.	Date	Revision

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

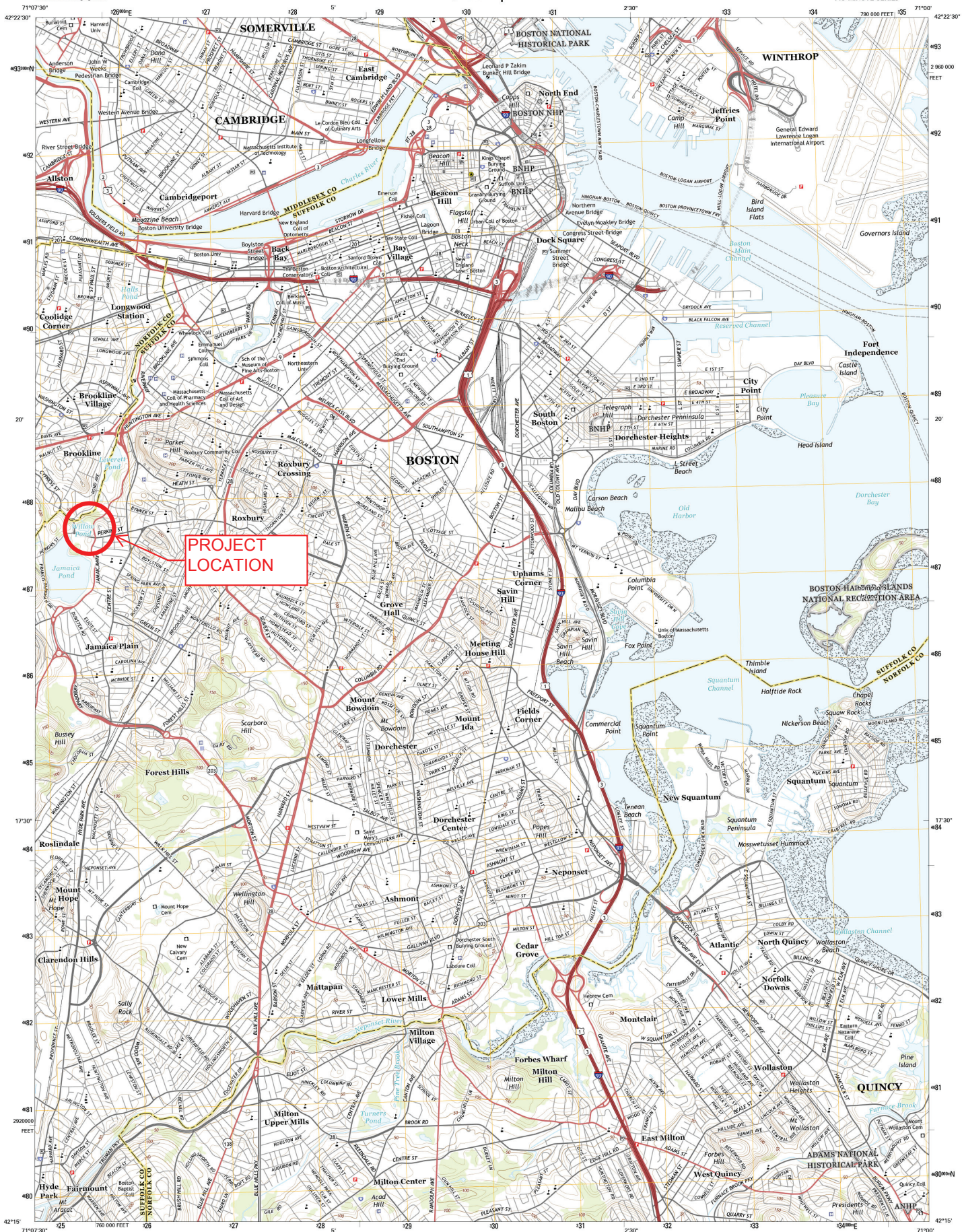
Project Name.: **OLMSTED PARK**  
**156 Jamaica Way, Boston, MA**  
**Landscape Site Improvements**  
**Site Analysis Plans**

BPRD Project No.	42034
Date	03/17/2017
Scale	
Drawn	GC
Checked	MP

Sheet Name.: **Existing Conditions Photos Site Vegetation**

Sheet Number: **E7**

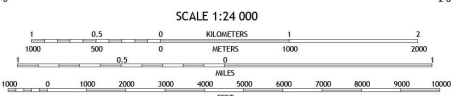
**Attachment B**  
**Locus Map**



PROJECT LOCATION

Produced by the United States Geological Survey... Inventory... 2014... 2015... 2016... 2017... 2018... 2019... 2020... 2021... 2022... 2023... 2024... 2025...

UTM GRID AND 2011 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET... U.S. National Grid... 100,000 Meter Square ID... CG... Grid Zone Designation 19T



ROAD CLASSIFICATION legend: Expressway, Secondary Hwy, Ramp, Interstate Route, Local Connector, Local Road, 4WD, US Route, State Route. Includes a grid for adjacent quadrangles and a barcode with reference numbers.

**Attachment C**  
**Flood Insurance Rate Map (FIRM)**

**NOTES TO USERS**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updates of additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.7 North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Massachusetts State Plane (NAD83) datum zone (FIPSZONE 2001). The horizontal datum was NAD83, FIPS1983 approved. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services  
NOAA, NIMS12  
National Geodetic Survey  
SSM-C-9, 9202  
1315 East-West Highway  
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 715-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was derived from digital orthophotography. Base map files were provided in digital form by Massachusetts Geographic Information System (MassGIS). Ortho imagery was produced at a scale of 1:5,000. Aerial photography is dated April 2005.

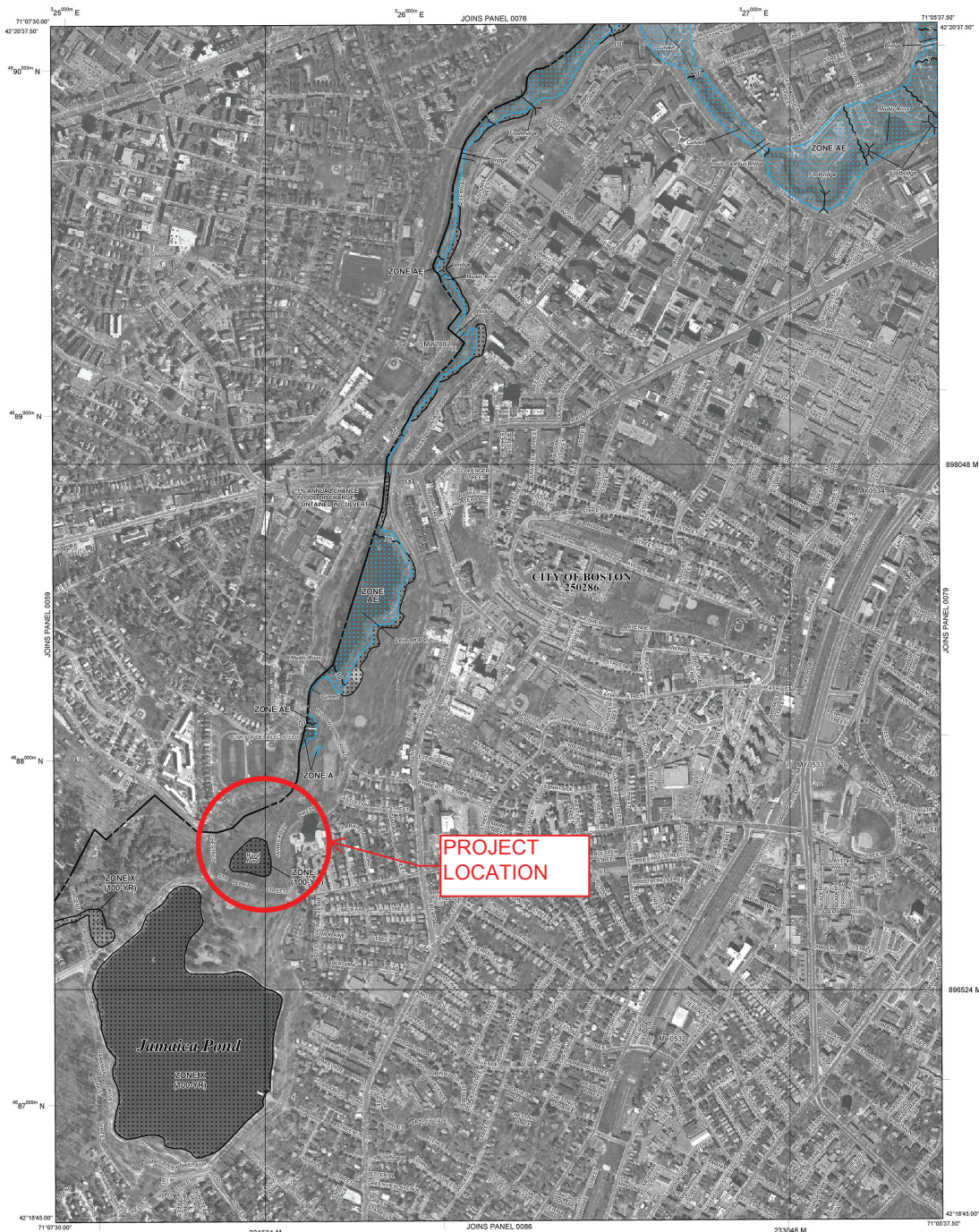
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository address, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

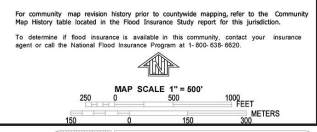
Contact the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-3027) or visit the FEMA website at <http://www.fema.gov/>.



**LEGEND**

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone AE, AH, AR, A99, VE and VE. The Base Flood is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AR** Flood depths of 1 to 3 feet (usually street flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, widths also determined.
- ZONE A99** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently identified. Zone A99 indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE VE** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X** Area of 0.2% annual chance flood; areas of 1% and 0.1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 100 square miles; also areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet\* (EL 967)
- Base Flood Elevation value where uniform within zone; elevation in feet\*
- \* Referenced to the North American Vertical Datum of 1988 (NAVD 88)
- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid zone 18
- 5000-foot grid - Massachusetts State Plane coordinate system, meridian zone (FIPSZONE 2001), Lambert Conformal Conic
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile
- MAP REPOSITORIES
- Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
- SEPTEMBER 25, 2009
- EFFECTIVE DATES OF REVISIONS TO THIS PANEL



**NATIONAL FLOOD INSURANCE PROGRAM**

**PANEL 0078G**

**FIRM FLOOD INSURANCE RATE MAP**

**SUFFOLK COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)**

**PANEL 78 OF 151**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY:	NUMBER:	PANEL:	SUFFIX:
SUFFOLK CITY OF	250286	0078	G

Notice to User: The Map Number shown below should be used when filing map returns. The Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER 2502860078G**

**EFFECTIVE DATE SEPTEMBER 25, 2009**

Federal Emergency Management Agency

**Attachment D**  
**Abutter Notification**



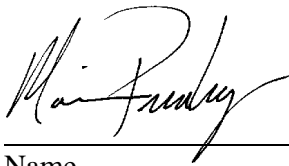
**AFFIDAVIT OF SERVICE**

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

I, Marion Pressley, hereby certify under the pains and penalties of perjury that on February 6, 2018, I gave notification 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 filed under the Massachusetts Wetlands Protection Act by the City of Boston with the Boston Conservation Commission on February 6, 2018 for **Olmsted Park Landscape Improvements**

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



Name

February 6, 2018

Date

## **NOTIFICATION TO ABUTTERS UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT**

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

- A. The name of the applicant is **the City of Boston Parks and Recreation Department**.
- B. The applicant has filed a **Notice of Intent** with the **Boston Conservation Commission** seeking permission to remove, fill, dredge or alter an Area Subject to Protection Under the Wetlands Protection Act (MGL chap. 131, Sec. 40).\*
- C. The address of the lot(s) where the activity is proposed is **Olmsted Park in the Wards Pond and Nickerson Hill Area**
- D. The **Notice of Intent** may be examined at the **Boston Conservation Commission** at the **Boston City Hall, One City Hall Plaza, 8th Floor Boston, Massachusetts 02201** between the hours of **8:00 AM** and **4:00 PM** Monday through Friday.
- E. Information about the Notice of Intent may be obtained from **Pressley Associates Inc, 219 Parker Street Newton, MA 02459, Attn: Marion Pressley** or by calling **(617) 969-1934** between **8 AM** and **3 PM** Monday through Friday.
- F. **We understand that the hearing will be held on February 21, 2018 at 6 PM in Boston City Hall, Rm. 801.**
- G. Notice of Public Hearing, including its date, time and place will *also* be published at least five (5) days in advance in **The Boston Globe and The Boston Herald**. You may also contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act. To contact the **Boston Conservation Commission**, call **617-635-3850**. To contact the Department of Environmental Protection, call the **Northeast Regional Office at (617) 292-5500**.

This project involves work in the 100-foot Buffer to Bordering Vegetated Wetland and the Riverfront Area of the Babbling Brook. The project consists of:

- Pruning of high priority trees
- Management of invasive vegetation
- New tree and shrub plantings
- Restoration of existing granite steps
- Grading and surfacing of site pathways
- Improvements at the Chestnut Street entrance and the Perkins Street/Jamaicaway entrance.

## **Abutter Notification - List of addresses within 100' of property**

Jamaicaway Tower and Townhouses  
111 Perkins St.  
Jamaica Plain, MA 02130

Junke Liu or Current Resident  
244 Jamaicaway  
Jamaica Plain, MA 02130

Anthony Guarino or Current Resident  
242 Jamaicaway  
Jamaica Plain, MA 02130

James Evans or Current Resident  
332 Jamaicaway  
Jamaica Plain, MA 02130

Earle Leeder Trust  
PO Box 369  
Brookline, MA 02446

Sherri Schwaninger or Current Resident  
5 Parkwood Terrace  
Jamaica Plain, MA 02130

Alan Thibeault or Current Resident  
6 Parkwood Terrace  
Jamaica Plain, MA 02130

Joshua Cohen or Current Resident  
240 Jamaicaway  
Jamaica Plain, MA 02130

Evenlyn Barnes or Current Resident  
120 Perkins Street  
Jamaica Plain, MA 02130

End

# **Attachment E**

## **Project Plans**