

Department of Conservation and Recreation

**Notice of Intent
Castle Island Korean War Memorial Water Line**

**Bureau of Resource Protection
251 Causeway Street, Suite 700
Boston, MA 02114**

August 2019





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>Castle Island</u>	<u>Boston</u>	<u>02127</u>
a. Street Address	b. City/Town	c. Zip Code
<u>Latitude and Longitude:</u>	<u>42 19' 57"</u>	<u>71 01' 26"</u>
	d. Latitude	e. Longitude
<u>0603415000</u>	<u>0603415000</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Andy</u>	<u>Backman</u>	
a. First Name	b. Last Name	
<u>Massachusetts Department of Conservation and Recreation (DCR)</u>		
c. Organization		
<u>251 Causeway Street, Suite 600</u>		
d. Street Address		
<u>Boston</u>	<u>MA</u>	<u>02114</u>
e. City/Town	f. State	g. Zip Code
<u>617-626-1342</u>	<u>andy.backman@mass.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

<u>Priscilla</u>	<u>Geigis</u>	
a. First Name	b. Last Name	
<u>Massachusetts DCR, Deputy Commissioner of Conservation & Resource Stewardship</u>		
c. Organization		
<u>251 Causeway Street, Suite 600</u>		
d. Street Address		
<u>Boston</u>	<u>MA</u>	<u>02114</u>
e. City/Town	f. State	g. Zip Code
<u>617-626-1250</u>		
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Ryan</u>	<u>Toland</u>	
a. First Name	b. Last Name	
<u>Atlantic Power and Light Company, Inc.</u>		
c. Company		
<u>17 Dickens Street</u>		
d. Street Address		
<u>Boston</u>	<u>MA</u>	<u>02122</u>
e. City/Town	f. State	g. Zip Code
<u>617-436-2758</u>		
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$312.50</u>	<u>\$237.50</u>	<u>\$75</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:

Water supply line installation from Bathhouse to Korean War Memorial on Castle Island.

7a. Project Type Checklist:

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

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

1. Yes No If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Suffolk

a. County

8209

c. Book

b. Certificate # (if registered land)

224

d. Page Number

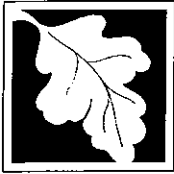
B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 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.

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



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

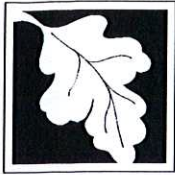
<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____ 2. cubic feet of flood storage lost _____	3. cubic feet replaced _____
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) _____	
2. Width of Riverfront Area (check one):		
<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only		
<input type="checkbox"/> 100 ft. - New agricultural projects only		
<input type="checkbox"/> 200 ft. - All other projects		
3. Total area of Riverfront Area on the site of the proposed project:		_____ square feet
4. Proposed alteration of the Riverfront Area:		
a. total square feet _____	b. square feet within 100 ft. _____	c. square feet between 100 ft. and 200 ft. _____
5. Has an alternatives analysis been done and is it attached to this NOI?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Was the lot where the activity is proposed created prior to August 1, 1996?		<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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 checked="" type="checkbox"/> Coastal Beaches	zero sq ft (in buffer zone to tidal flat) _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____



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

	Size of Proposed Alteration	Proposed Replacement (if any)
f. <input checked="" type="checkbox"/> Coastal Banks	0 linear feet 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 checked="" type="checkbox"/> Land Subject to Coastal Storm Flowage	6,820 sq ft 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

C. Other Applicable Standards and Requirements

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://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_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
100 Hartwell Street, Suite 230
West Boylston, MA 01583

b. Date of map



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

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.1.d, 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).*

1. c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage _____

(b) outside Resource Area

percentage/acreage _____

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

3. 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

(c) MESA filing fee (fee information available at:

http://www.mass.gov/dfwele/dfw/nhosp/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

d. OR Check One of the Following

1. Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/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 _____

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhosp/nhosp.htm>, regulatory review tab). 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)

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

2. 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 or hand delivery of NOI to either:

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

North Shore - Hull to New Hampshire:

Division of Marine Fisheries - Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

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

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.

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

a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC

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

a. Yes No

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

a. Yes No

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

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

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)

2. A portion of the site constitutes redevelopment

3. Proprietary BMPs are included in the Stormwater Management System.

b. No. Check why the project is exempt:

1. Single-family house

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



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

- 2. Emergency road repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

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

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

Korean War Memorial

a. Plan Title

Feeney Brothers

b. Prepared By

7-29-19

d. Final Revision Date

Arne K. Larsen

c. Signed and Stamped by

1:60

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.



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E. Fees

- 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:

0002343284	6-7-19
2. Municipal Check Number	3. Check date
e-Payment	
4. State Check Number	5. Check date
Commonwealth of Massachusetts	Department of Conservation & Recreation
6. Payor name on check: First Name	7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

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

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

<i>Andrew E. Backman</i>	7/31/19
1. Signature of Applicant	2. Date
<i>[Signature]</i>	7/31/19
3. Signature of Property Owner (if different)	4. Date
<i>Ryan Tolson</i>	7/30/19
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.

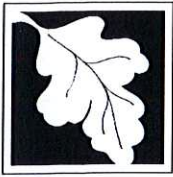
For MassDEP:

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.



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:

Castle Island Boston
 a. Street Address b. City/Town
 \$75 - please see attached fee calculation explanation
 c. Check number

2. Applicant Mailing Address:

Andy Backman
 a. First Name b. Last Name
 Massachusetts Department of Conservation & Recreation
 c. Organization
 251 Causeway Street, Suite 600
 d. Mailing Address
 Boston MA 02114
 e. City/Town f. State g. Zip Code
 617-626.1342 andy.backman@mass.gov
 h. Phone Number i. Fax Number j. Email Address

3. Property Owner (if different):

Priscilla Geigis
 a. First Name b. Last Name
 Massachusetts DCR, Deputy Commissioner of Conservation & Resource Stewardship
 c. Organization
 251 Causeway Street, Suite 600
 d. Mailing Address
 Boston MA 02114
 e. City/Town f. State g. Zip Code
 617-626-1250
 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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NOI Wetland Fee Transmittal Form
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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
2 (j). Other Activity	1		\$500

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	_____
State share of filing Fee:	_____
City/Town share of filling Fee:	_____

a. Total Fee from Step 5	_____
\$237.50	
b. 1/2 Total Fee less \$12.50	_____
\$75	
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.)

**List of Attachments to Notice of Intent
Castle Island Korean War Memorial Water Line**

1. Project Narrative
2. Maps / Plans
 - USGS Locus
 - Coastal Wetland Resource Area Map
 - FIRM Flood Zone Map
 - Project Plan
3. Stormwater Checklist, Report & Illicit Discharge Compliance Statement
4. List of Mailed NOI files
5. Abutter Notification Documents
6. City of Boston NOI filing fee calculation



PROJECT NARRATIVE CASTLE ISLAND KOREAN WAR MEMORIAL WATER LINE

Introduction

The Department of Conservation and Recreation (“Department” or “DCR”) seeks an Order of Conditions issued pursuant to the Massachusetts Wetlands Protection Act (WPA) and its implementing regulations, 310 CMR 10.00 et seq. (Regulations), for installation of a water supply line from the Bathhouse to the Korean War Veterans Memorial at Castle Island in South Boston as defined in the resource area maps enclosed in this NOI package.

The intent of this project is to supply water to the Korean War Veterans War Memorial to enable local veterans groups to better maintain the existing plantings at the grounds of the memorial. The installation of this water supply line will be performed by Feeney Brothers Utility Services on behalf of the Commonwealth in compliance with the WPA Performance Standards for Coastal Resource Areas by avoiding the adverse effects listed in 310 CMR 10.27. The planned construction activities within coastal wetland resource areas and their buffer zones are subject to jurisdiction under the WPA and its Regulations.

The proposed waterline travels along the route of an existing underground electrical line that runs from the center of the east face wall of the public bathroom building to a manhole cover in the lawn area of the fort (just due west of the central walkway that leads from the Sally Port doors toward the Signal Corps building). The proposed waterline will run south from the manhole cover, underneath the walkway, to electric pole #33. From electric pole #33, the proposed waterline will follow the existing electric line route heading east, passing poles #34 and 35, and at pole #36 will pass underneath the walkway again to pole #37 on the north side of the walkway. The proposed route is within the existing utility line excavated for the electric line decades ago. From pole #37, the line will again be driven underneath the walkway to the memorial to complete the service. The excavation trench will be approximately three inches wide and one foot in depth. Please see attached site plan for location of the proposed water line in relation to coastal resource areas, and related to erosion control measures.

Proposed Construction Activities, Materials and Equipment:

- Protect work zone with safety fencing, barriers and signs at the limit of work area as shown on enclosed Work Area Map;
- Prevent sediment and dust from leaving the work zone with sedimentation barriers.
- Excavate a 3” wide trench to a depth of 12” from the Bathhouse to the Korean War Veterans War Memorial;
- Install approximately 320’ of 1” diameter PVC water supply pipe with tracer wire from the backflow preventer in the basement of the U.S. Signal Corps Station to a seasonal, manually operated water control valve at the Korean War Veterans Memorial as shown in the enclosed Korean War Memorial Plan View, Section and Notes;
- Backfill trench with trench-excavated material;
- Restore vegetation, harbor walk and fencing to existing conditions; loam and seed disturbed areas.
- The contractor intends to use a “ditch witch” style trenching machine to excavate the trench where feasible however some areas will be excavated by hand. Light duty vehicles will be used to transport personnel, supplies and materials (pipe, fittings, etc.). A 1-ton dump truck will be used in conjunction with a mini-track loader or skid steer to remove excess excavated material and install backfill, loam and seed. Construction vehicles will be not be staged on site.

- Disturbed area to be seeded as follows:
 - Grass Seed: Fresh, clean, dry, new-crop seed complying with AOSA's "Journal of Seed Technology; Rules for Testing Seeds" for purity and germination tolerances.
 - All Purpose Seed Mix-Seed rate shall be 300 square feet per pound.
 - 1. 20% Creeping Red Fescue
 - 2. 20% Nobility Perennial Ryegrass
 - 3. 20% Cortez Tall Fescue
 - 4. 20% Cochise II Tall Fescue
 - 5. 10% Kentucky Bluegrass 98
 - 6. 10% Nexus Perennial Ryegrass

Coastal Wetland Resource Areas:

This section provides a brief description of each coastal resource area covered by the WPA and its Regulations that is within the project site. Each section begins with the regulatory definition of the resource area, followed by its applicability to the site. Coastal wetland resource areas at the site include Land Subject to Coastal Storm Flowage. The resource areas are shown on the enclosed FIRM map.

Land Subject to Coastal Storm Flowage:

Land Subject to Coastal Storm Flowage includes low-lying areas along the coast that are within the 100-year flood hazard zone as determined by the Federal Emergency Management Agency (FEMA). At this site, 6,820 square feet of project area is within Land Subject to Coastal Storm Flowage (FIRM map attached). The activities listed below will not alter nor adversely affect the storm damage prevention and flood control attributes of the site.

Coastal Beach:

Coastal Beach is defined as any unconsolidated sediment subject to wave, tidal and coastal storm action which forms the gently sloping shore of a body of salt water and includes tidal flats. Coastal beaches extend from the mean low water line landward to the dune line, coastal bankline or the seaward edge of existing human-made structures, whichever is closest to the ocean (310 CMR 10.27).

WPA Performance Standards:

Any project on a coastal beach shall not have an adverse effect by increasing erosion, decreasing the volume or changing the form of any such coastal beach or an adjacent or down-drift coastal beach.

Applicability for Castle Island water line project:

Related to the project site, the coastal beach is the tidal flat area along the south side of Castle Island, separated from the project site by a granite seawall. The project work area includes 2,500 square feet of tidal flat buffer zone, but no work is proposed within the tidal flat.



Coastal Bank:

Coastal Bank is defined as the seaward face or side of any elevated landform, other than a coastal dune, which lies at the landward edge of a coastal beach, land subject to tidal action, or other wetland (310 CMR 10.30). At this site the Coastal Bank is a seawall.

WPA Performance Standards:

Any project on a Coastal Bank or within 100 feet landward of the top of a Coastal Bank shall not have an adverse effect due to wave action on the movement of sediment from the coastal bank to coastal beaches or land subject to tidal action.

Applicability for Castle Island water line project:

The proposed work will have no impact on the Castle Island seawall.

Tidal Flat (Land Containing Shellfish):

Land Containing Shellfish is defined as land under the ocean, tidal flats, rocky intertidal shores, salt marshes and land under salt ponds when any such land contains shellfish.

WPA Performance Standards:

Except as provided in 310 CMR 10.34(5), any project on land containing shellfish shall not adversely affect such land or marine fisheries by a change in the productivity of such land caused by:

- a) alterations of water circulation;
- b) alterations in relief elevation;
- c) the compacting of sediment by vehicular traffic;
- d) alterations in the distribution of sediment grain size;
- e) alterations in natural drainage from adjacent land; or
- f) changes in water quality.

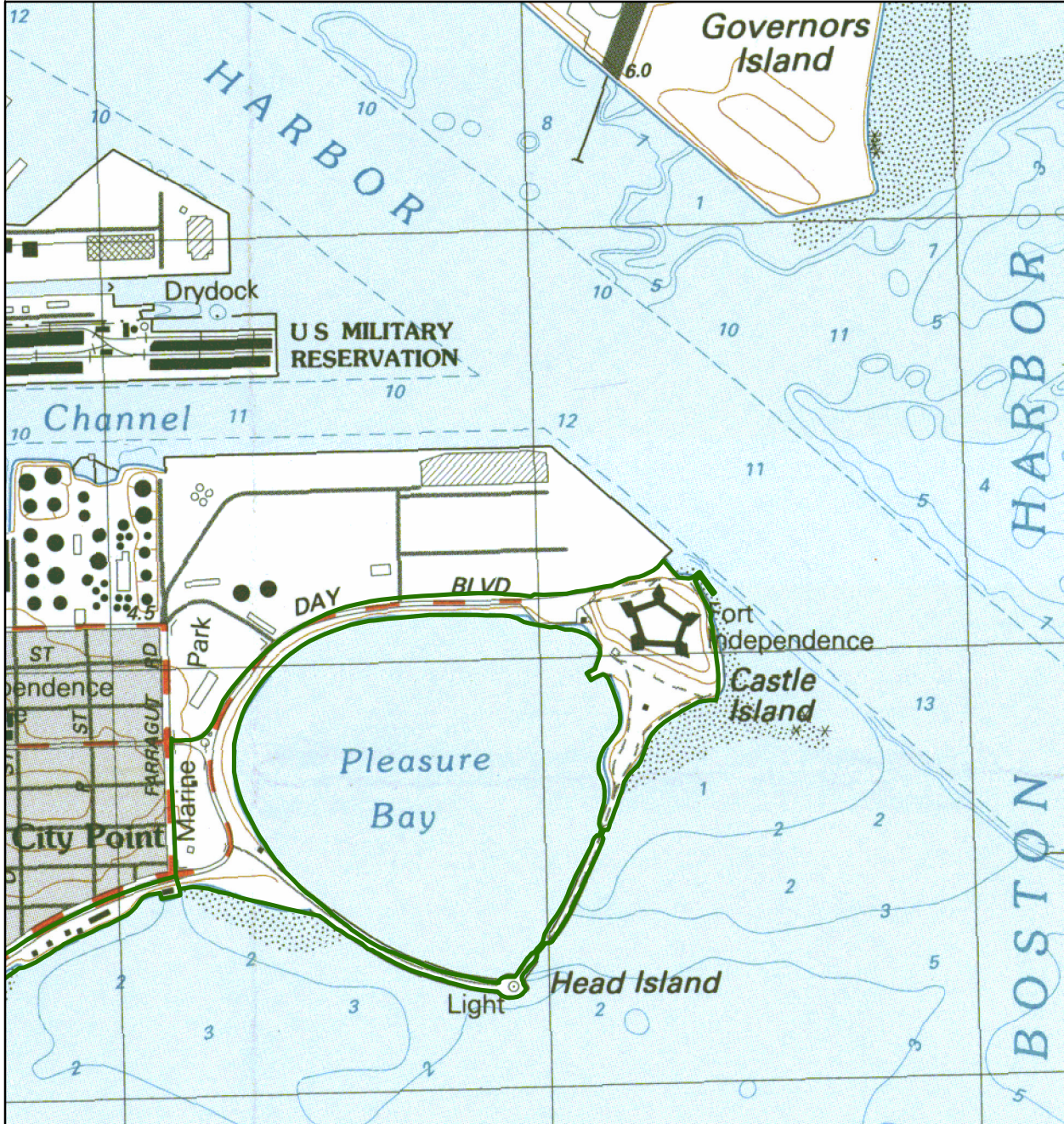
Applicability for Castle Island water line project:

There will be no work activities in the Tidal Flat. Sediment will be contained along the project corridor with erosion control BMPs. There will be no alteration or adverse impacts to the Tidal Flats.

USGS Locus

Castle Island
Old Harbor Reservation
South Boston

Water System
Improvements



 Site (tideland not shown)

0 1,000
Feet



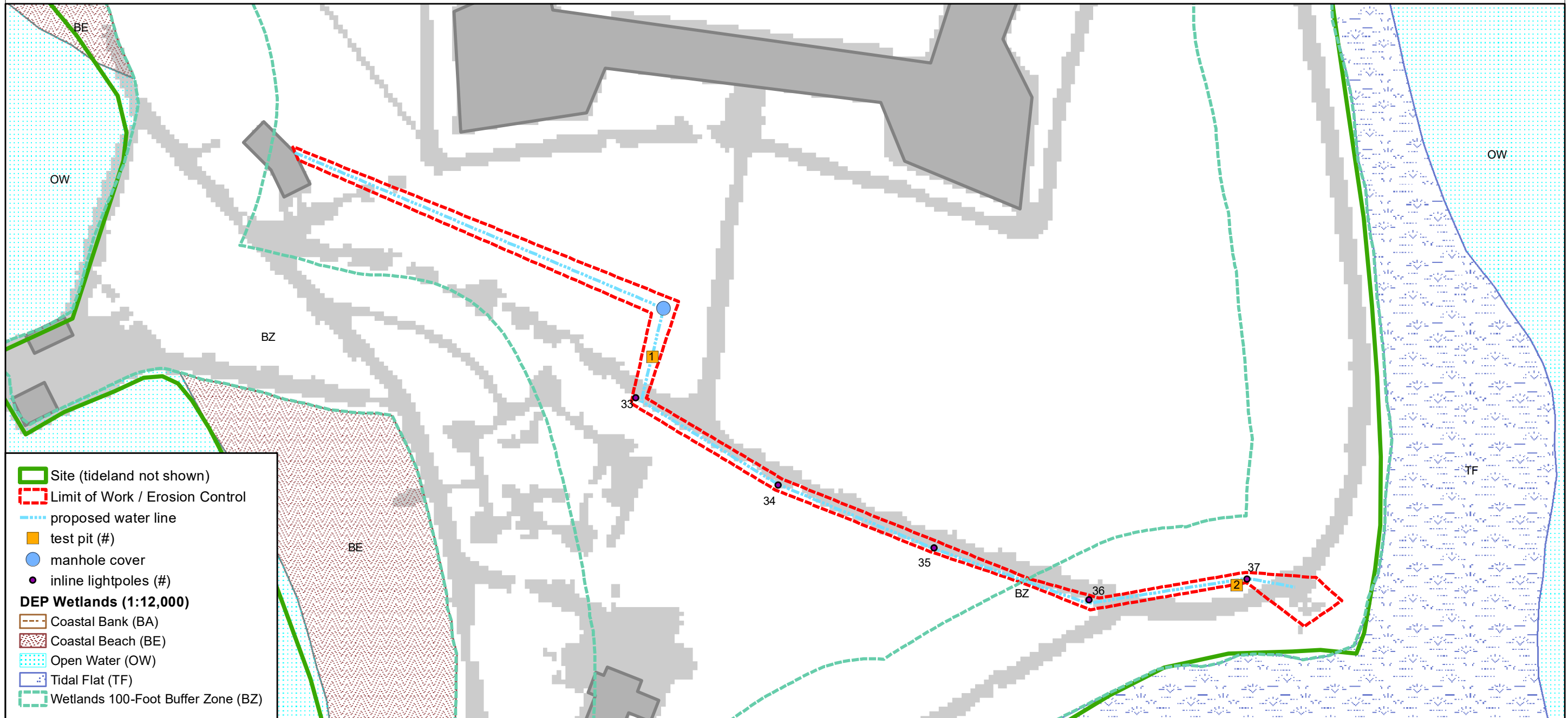
This is not a professional land survey.
Grid: MA State Plane Meters, NAD 1983.
Sources: MassGIS, USGS, DCR. 2019-05



Castle Island
Old Harbor Reservation
South Boston

Wetlands-Related Work

Water System
Improvements



- Site (tideland not shown)
- Limit of Work / Erosion Control
- proposed water line
- test pit (#)
- manhole cover
- inline lightpoles (#)
- DEP Wetlands (1:12,000)**
- Coastal Bank (BA)
- Coastal Beach (BE)
- Open Water (OW)
- Tidal Flat (TF)
- Wetlands 100-Foot Buffer Zone (BZ)

0 100 Feet



This is not a professional land survey.
Grid: MA State Plane Meters, NAD 1983.
Sources: MassGIS, DCR. 2019-06



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 updated or 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 0.0' 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.

The AE Zone category has been divided by a **Limit of Moderate Wave Action (LIMWA)**. The LIMWA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LIMWA (or between the shoreline and the LIMWA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

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 Mainland Zone (FIPS zone 2001). The **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM 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 this 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, NNGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

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) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM is derived from Massachusetts Geographic Information System (MassGIS) digital ortho-photography produced at 45 centimeter (2005) and 30 centimeter (2008) resolution. Aerial photography is dated Spring 2005 and Spring 2008.

The **profile baselines** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the **profile baseline**, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations** and **floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data Tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

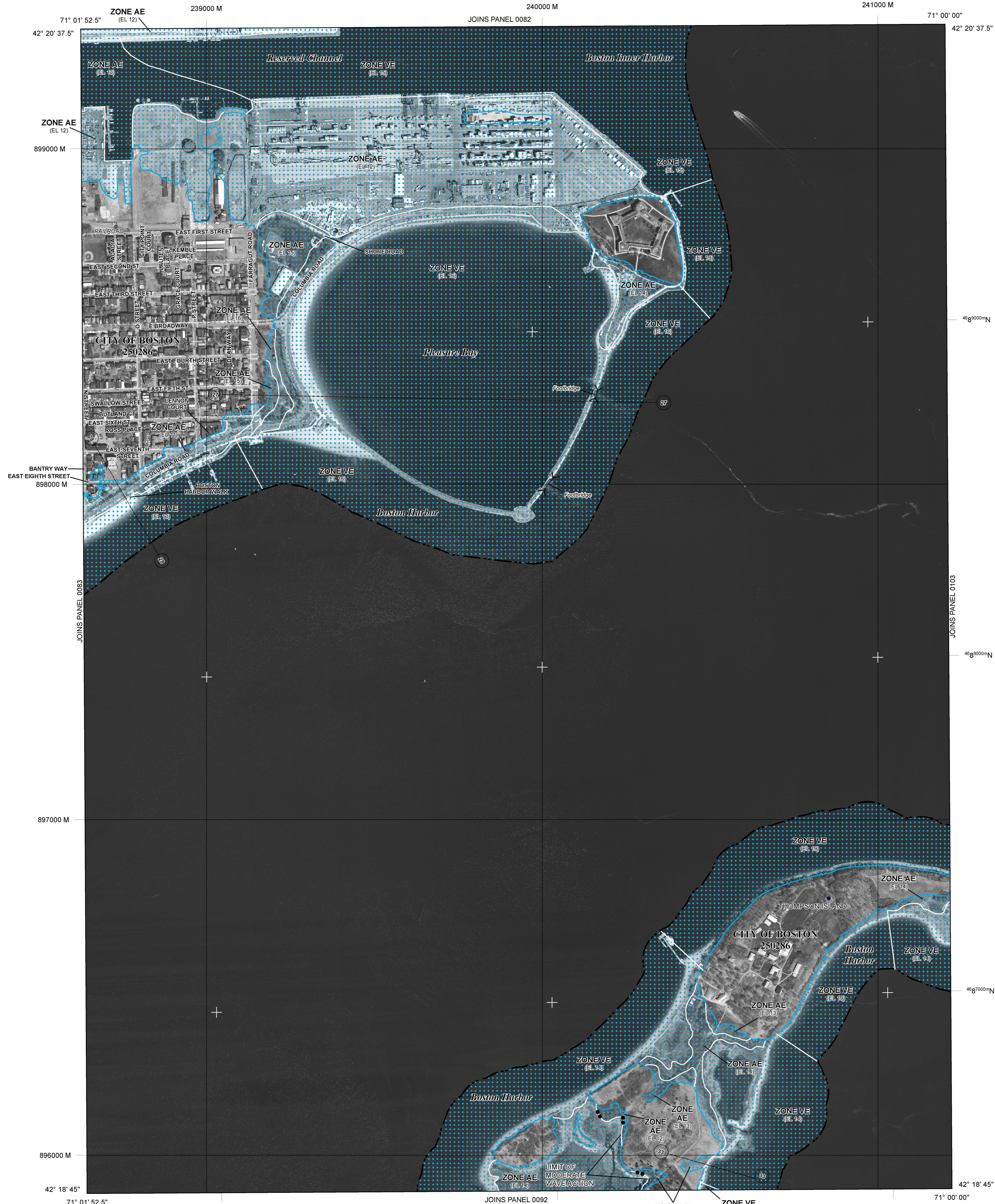
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, 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.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/nfp>.

Only coastal structures that are certified to provide protection from the 1-percent-annual chance flood are shown on this panel. However, all structures taken into consideration for the purpose of coastal flood hazard analysis and mapping are present in the DFIRM database in S_Gen_Struct.



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 Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
 - ZONE AE** 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 AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
 - ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE A99** 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); 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** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and 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 Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.
 - Limit of Moderate Wave Action
 - Limit of Moderate Wave Action coincident with Zone Break
 - Base Flood Elevation line and value; elevation in feet*
 - Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- Cross section line
- Transect line
- Culvert
- Bridge
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 1000-meter grid; Massachusetts State Plane Mainland Zone (FIPS Zone 2001), Lambert Conformal Conic projection
- 1000-meter Universal Transverse Mercator tick values, zone 19N
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- MAP REPOSITORIES
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
September 25, 2009
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
March 16, 2016 - to change Base Flood Elevations and Special Flood Hazard Areas, to change zone designations, to update the effects of wave action, to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision and to modify Coastal Barrier Resource System units.
- For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET
150 0 150 300 METERS

PANEL 0084J

FIRM
FLOOD INSURANCE RATE MAP
SUFFOLK COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 84 OF 176
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BOSTON, CITY OF	250286	0084	J

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

MAP NUMBER
25025C0084J
MAP REVISED
MARCH 16, 2016
Federal Emergency Management Agency



45 HENDRIX ROAD
 WEST HENRIETTA, NY 14586
 PHONE (585) 359-7540
 FAX (585) 359-7547
 WWW.DDSCOMPANIES.COM

#	DATE:	BY:	REVISIONS:
1	7/29/19	JMJ	AGENCY COMMENT

KOREAN WAR MEMORIAL

CASTLE ISLAND,
 SOUTH BOSTON, MASSACHUSETTS

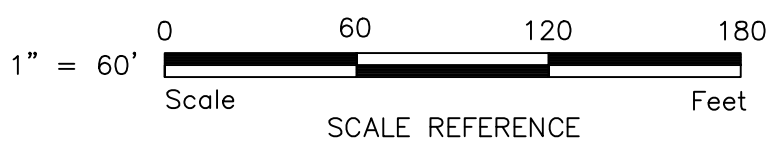
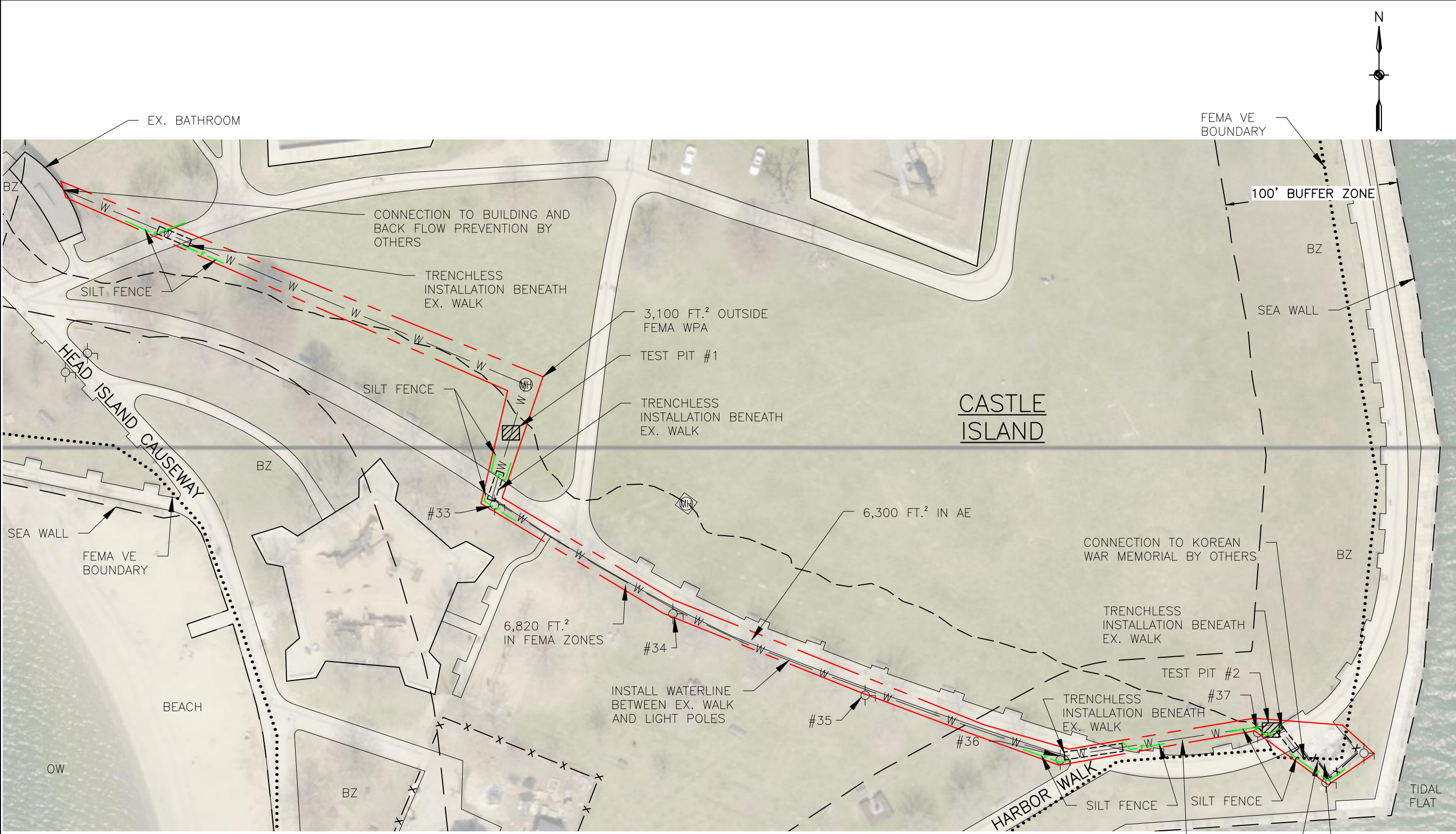


FEENEY BROTHERS
 103 CLAYTON STREET
 DORCHESTER, MA 02122
 (617) 287-1004

DRAWN BY: J.M.J.
 CHECKED BY: A.K.L.
 APPROVED BY: A.K.L.
 SUBMISSION DATE: 07/29/2019
 PROJECT NO: 71190082
 SCALE: 1:60

DRAWING TITLE:
KOREAN WAR MEMORIAL
 PLAN VIEW, SECTION & NOTES

SIZE: **ANSI B** DRAWING NO: **1 OF 2**



THE INFORMATION SHOWN ON THIS DRAWING IS FOR INVENTORY PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. ALL LOCATIONS MUST BE FIELD VERIFIED AND LINES LOCATED ACCURATELY ON THE GROUND. PRIOR TO THE START OF ANY CONSTRUCTION.

PLEASE CONTACT: DIG SAFE
 TELEPHONE: 1-888-344-7233

THIS MAP WAS CREATED FROM AVAILABLE RECORD MAPS, TAX MAPS, AERIAL OVERLAYS, AND WHERE POSSIBLE A FIELD EDIT WAS PERFORMED. NO ACTUAL FIELD SURVEY WAS PERFORMED AND THEREFORE DDS COMPANIES CANNOT ASSURE ITS ACCURACY. EXISTING UTILITY LOCATIONS AND TOPOGRAPHIC INFORMATION ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION OR APPLYING IT FOR ANY PURPOSE.

LEGEND:

- - - - - LIMIT OF WORK
- - - - - PROPOSED 2" POLY WATERLINE
- - - - - 100' BUFFER
- FEMA VE
- - - - - EX. FENCE
- W W
- F F
- X X
- LIGHT POLE
- - - - - FEMA AE
- - - - - SILT FENCE



NOTES:

GENERAL NOTES:

1. CONTRACTOR SHALL CONTACT DIGSAFE (888-344-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. SATURDAYS, SUNDAYS AND HOLIDAYS ARE EXCLUDED.
2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND STRUCTURES DEPICTED OR CONTRACTOR TO PHYSICALLY LOCATE ON-SITE UTILITIES THROUGH TEST PIT EXCAVATION OF SAID UTILITIES W/ PRIOR AUTHORIZATION FROM UTILITY OWNER.
3. DRAWING BASED ON APRIL 2018 AERIAL IMAGERY AND NO SURVEY HAS BEEN COMPLETED.
4. WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL CODES.
5. CONTRACTOR TO COLLECT PRE-CONSTRUCTION IMAGES OF WORKS SPACE TO DOCUMENT EXISTING CONDITIONS.

PROTECTION NOTES:

1. PROTECT WORK ZONE WITH SAFETY FENCING, BARRIERS AND SIGNS.
2. PROTECT TREES AND ROOT SYSTEM.
3. PROTECT EXISTING LIGHT POLES, UNDERGROUND UTILITIES AND SIDEWALKS.
4. LIMIT SITE DISTURBANCE TO WORK AREA ILLUSTRATED ON THE PLAN.

EROSION CONTROL NOTES:

1. PREVENT SEDIMENT AND DUST FROM LEAVING THE WORK ZONE WITH APPROPRIATE MEASURES. CONTACT ENGINEER IF PROJECT WILL DISTURB GREATER THAN 1.0 ACRE OF SOIL COLLECTIVELY.
2. REPRESENTATIVE SILT FENCING SHOWN ON PLAN ALONG DOWN-SLOPE BOUNDARY OF EXCAVATION AREAS.
3. PROTECT DOWN-SLOPE BOUNDARY OF STOCK PILE AREAS WITH SILT FENCE.
4. PROTECT EXISTING SIDEWALK AND REMOVE SEDIMENT FROM WALK DAILY.
5. TEMPORARILY STABILIZE DISTURBED AREA WITH MULCH.
6. RESTORE VEGETATION TO EXISTING CONDITIONS.

INSTALLATION NOTES:

1. IRRIGATION PIPE MATERIAL: 2", SIDR-19, 100 PSI RATED, PE4710 ASTM D-2239. MIN. WALL THICKNESS 0.109".
2. IRRIGATION PIPE TO HAVE 12" MINIMUM COVER. PIPE WILL BE BLOWN OUT SEASONAL TO PREVENT FREEZE DAMAGE.
3. REFER TO MANUFACTURER RECOMMENDATIONS FOR INSTALLATION MINIMUM BEND RADIUS.
4. AT BOTH ENDS OF MAIN, SECURE TRACE WIRE TO ABOVE GRADE PIPE OR PLACE IN NEARBY PLASTIC VALVE BOX FOR FUTURE LOCATING.
5. INSTALLATION OF WATERLINE BENEATH EXISTING SIDEWALKS WILL BE BY UNGUIDED TRENCH-LESS TECHNIQUE.
6. INSTALLATION ACROSS LAWN AREA WILL BE BY DITCH WITCH MACHINE.
7. CONNECTION OF WATER LINE TO BATH HOUSE AND WAR MEMORIAL IS BY OTHERS.



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PLEASE CONTACT: DIG SAFE
TELEPHONE: 1-888-344-7233

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#	DATE:	BY:	REVISIONS:
1	7/29/19	JMJ	AGENCY COMMENT

KOREAN WAR MEMORIAL

CASTLE ISLAND,
SOUTH BOSTON, MASSACHUSETTS



FEENEY BROTHERS
103 CLAYTON STREET
DORCHESTER, MA 02122
(617) 287-1004

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SCALE: 1:60

DRAWING TITLE:
KOREAN WAR MEMORIAL
PLAN VIEW, SECTION & NOTES

SIZE: **ANSI B** DRAWING NO: **2 OF 2**



Checklist for Stormwater Report

B. Stormwater Checklist and Certification

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

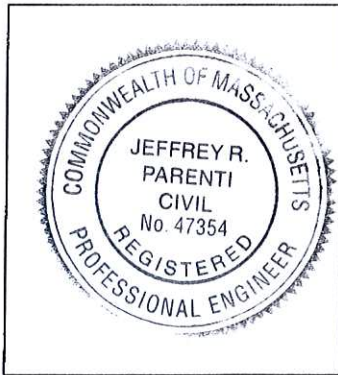
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the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

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

Registered Professional Engineer's Certification

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

Registered Professional Engineer Block and Signature



[Handwritten Signature]
7-8-19

Signature and Date

Checklist

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

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



Checklist for Stormwater Report

Checklist (continued)

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

- No disturbance to any Wetland Resource Areas
- Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- Reduced Impervious Area (Redevelopment Only)
- Minimizing disturbance to existing trees and shrubs
- LID Site Design Credit Requested:
 - Credit 1
 - Credit 2
 - Credit 3
- Use of "country drainage" versus curb and gutter conveyance and pipe
- Bioretention Cells (includes Rain Gardens)
- Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- Treebox Filter
- Water Quality Swale
- Grass Channel
- Green Roof
- Other (describe): No new stormwater discharge, no change to impervious surface area, site restored to pre-existing conditions, erosion control in place for construction.

Standard 1: No New Untreated Discharges

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



Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

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

Standard 3: Recharge

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

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



Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

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

Standard 4: Water Quality

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

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



Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

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

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

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

Standard 6: Critical Areas

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



Checklist for Stormwater Report

Checklist (continued)

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

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

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

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

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



Checklist for Stormwater Report

Checklist (continued)

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

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

Standard 9: Operation and Maintenance Plan

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

Standard 10: Prohibition of Illicit Discharges

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

Stormwater Report – DCR Castle Island Water Line Extension

The WPA Regulations at 310 CMR 10.05(6)(k) establish 10 Stormwater Management Standards that projects must comply with unless they are determined to be exempt. While the Project is not exempt from the Standards, the water line extension will not generate total suspended solids, oils or other pollution as would occur in runoff from roadways or parking lots. The Project is an extension of a water line that qualifies as a Redevelopment Project and meets the Standards to the maximum extent practicable.

Stormwater Checklist Background Information:

Project Type: The water line extension project is not an ordinary Redevelopment project, but was classified as Redevelopment because the site was developed historically, managed as a public recreation / historic site, and now a water line extension is proposed through a corridor within the state parkland.

Standard 3 – Recharge: No new stormwater discharge, no change to impervious surface.

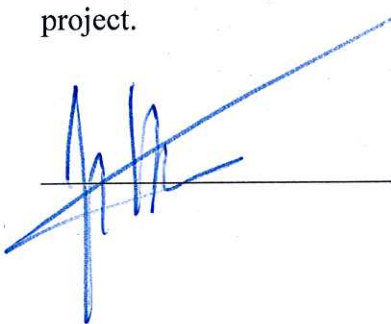
Standard 4 – Water Quality: No new stormwater discharge, no change to impervious surface, erosion controls in place during construction, site restored to pre-existing conditions.

Standard 6 – Critical Areas: Critical resources are not present in the proposed work area.

Standard 9 – Operations & Maintenance Plan: Site will be restored to pre-existing conditions. There is no drainage infrastructure in the project work corridor.

Standard 10 – Illicit Discharge Compliance Statement: To the best of our knowledge, the project work corridor does not have a closed drainage system. As a result, it is our understanding that there are no illicit connections. If portions of a closed drainage system are discovered during construction, verification that there are no illicit connections will be conducted. If an illicit connection is discovered, the Boston Department of Public Works and Board of Health will be notified to take appropriate action. No statement is made regarding portions of existing drainage systems not included in the project area.

Runoff from the project corridor is minimal because the site is generally flat and water infiltrates directly into the open field / manicured lawn. Stormwater discharge will not be altered by the project.

A handwritten signature in blue ink, consisting of several vertical and diagonal strokes, positioned above a horizontal line.

7-19-19

Date

DCR Stormwater Management:

DCR's storm water management plan was accepted by the EPA in July 2006:

NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems Permit No. MAR43001.

A link to the full report:

<https://www.mass.gov/files/documents/2016/08/ty/swmp.pdf>.

Under terms of the revised 2016 NPDES MS4 permit requirements, DCR submitted its Notice of Intent to discharge storm water that was accepted as complete by USEPA on May 27, 2019.

DCR has a detailed record of storm water system maintenance activities going back to 2008.

Please let us know if there are specific records that are of interest.

Contact: Robert.Lowell@mass.gov.

A Memorandum of Understanding (MOU) is in place between DCR and the Boston Water and Sewer Commission with annual review related to connecting systems and maintenance. John P. Sullivan, Jr is DCR's contact regarding the MOU and associated annual review.

List of NOI Filings

1. Original and copies delivered to:

Boston Conservation Commission

1 City Hall Square, Room 709

Boston, MA 02201

2. Copy of NOI will be mailed certified to:

Department of Environmental Protection, Northeast Region

205B Lowell Street

Wilmington, Massachusetts 01887

Main Phone: 978-694-3200

Affidavit of Service

Under the Massachusetts Wetlands Protection Act and the Boston Wetlands Bylaw I, Andrew E. Backman, hereby certify under the pains & penalties of perjury that on August 9, 2019 notification will be sent to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, section 40, and the Boston Wetlands Bylaw, in connection with the following matter:

NOI for Castle Island Korean War Memorial Water Line

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

Andrew E. Backman

7/31/19

Name (signature)

Date

Andrew E. Backman

Name (print)

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 Mass. Dept of Conservation & Recreation
- B. The applicant has filed a Notice of Intent with the Conservation Commission of the City of Boston seeking permission to remove, fill, dredge or alter an area subject to protection under the wetland protection act (General Laws Chapter 131, Section 40).
- C. The address where the activity is proposed is: Castle Island - South Boston
- D. The activity consists of: Water line extension from bathhouse to Korean War Memorial
- E. Copies of the filing may be examined at the Conservation Commission Office, City Hall, between the hours of 8 am and 4 PM. For more information, call. (617) 635-3850
- F. Copies of the Notice of Intent may be obtained from Andy Backman (617) 626-1342, Wendy Pearl (617) 626-1389 andy.backman@mass.gov or wendy.pearl@mass.gov
- G. The public hearing will be held August 21, 2019 at 6 p.m. in the Piedmont Room, 5th floor of the Boston City Hall. You also may confirm and review hearing dates and agenda items at: <https://www.boston.gov/public-notices>

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 in the City Hall not less than forty-eight (48) hours in advance. NOTE: You also may contact The Boston Conservation Commission or the Department of Environmental Protection (DEP) Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP call the Northeast Region Office at (978) 694-3246.

PID	OWNER	ADDRESSEE	MLG_ADDRESS	MLG_CITYSTATE	MLG_ZIPC	LOC_ADDRESS	LOC_CITY	LOC_ZIPCODE
603416000	COMMONWLTH OF MASS		FARRAGUT RD	SOUTH BOSTON MA	02127	FARRAGUT RD	SOUTH BOSTON	02127
603415000	COMMONWLTH OF MASS		1889 WM J DAY BLVD	SOUTH BOSTON MA	02127	1889 WILLIAM J DAY BL	SOUTH BOSTON	02127
603417000	COMMWLTH OF MASS		20 FARRAGUT RD	SOUTH BOSTON MA	02127	20 FARRAGUT RD	SOUTH BOSTON	02127
603418000	COMMONWLTH OF MASS		WM J DAY BLVD	SOUTH BOSTON MA	02127	WILLIAM J DAY BL	SOUTH BOSTON	02127
603878000	REZZA DORIS M	C/O DORIS M REZZA	65 FARRAGUT ROAD	SOUTH BOSTON MA	02127	65 FARRAGUT RD	SOUTH BOSTON	02127
603877000	DAILEY ELIZABETH T		63 FARRAGUT ROAD	SOUTH BOSTON MA	02127	63 FARRAGUT RD	SOUTH BOSTON	02127
604434078	EDMONDS PAULINE		125 FARRAGUT RD #27	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 27	SOUTH BOSTON	02127
604434000	FARRAGUT COURT CONDO TR		125 FARRAGUT RD	SOUTH BOSTON MA	02127	125 FARRAGUT RD	SOUTH BOSTON	02127
604434002	BIANCHI TIMOTHY	C/O TIMOTHY BIANCHI	1 TWOMEY COURT #37	SOUTH BOSTON MA	02127	1 TWOMEY CT Apt 37	SOUTH BOSTON	02127
604434008	TOUHEY BRIAN V	C/O BRIAN V TOUHEY	67 SILVERHILL RD	MILFORD MA	01757	1 TWOMEY CT Apt 40	SOUTH BOSTON	02127
604434010	THOMAS MERIBAH F		1 TWOMEY CT #41	S BOSTON MA	02127	1 TWOMEY CT Apt 41	SOUTH BOSTON	02127
604434012	SILVA ISABEL JUDITH TS	ISABEL JUDITH SILVA	219 COURT RD	WINTHROP MA	02152	1 TWOMEY CT Apt 42	SOUTH BOSTON	02127
604434018	LEIST JOHN F		1 TWOMEY CT #45	SOUTH BOSTON MA	02127	1 TWOMEY CT Apt 45	SOUTH BOSTON	02127
604434022	METHELIS EDWARD F		1 TWOMEY COURT #47	SOUTH BOSTON MA	02127	1 TWOMEY CT Apt 47	SOUTH BOSTON	02127
604434024	STAPLETON LISA D		29 BUCKINGHAM RD	MILTON MA	02186	1 TWOMEY CT Apt 48	SOUTH BOSTON	02127
604434026	SPACONE SUSAN		9 TWOMEY CT #49	SOUTH BOSTON MA	02127	9 TWOMEY CT Apt 49	SOUTH BOSTON	02127
604434032	MONROE JASON	C/O JASON MONROE	9 TWOMEY CT #52	S BOSTON MA	02127	9 TWOMEY CT Apt 52	SOUTH BOSTON	02127
604434034	LONERGAN STEFFAN	C/O STEFFAN LONERGAN	9 TWOMEY CT #53	SOUTH BOSTON MA	02127	9 TWOMEY CT Apt 53	SOUTH BOSTON	02127
604434040	DOHERTY HENRY T JR	C/O HENRY T DOHERTY JR	73A WINTHROP AV &	LAWRENCE MA	01843	17 TWOMEY CT Apt 56	SOUTH BOSTON	02127
604434046	KING PATRICK J ETAL		20 FANEUIL RD	WALTHAM MA	02452	17 TWOMEY CT Apt 59	SOUTH BOSTON	02127
604434048	BULGER JOHN P		17 TWOMEY COURT #60	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 60	SOUTH BOSTON	02127
604434056	STAPLETON LIZANNE	C/O LIZANNE FREDA	3 SYLVAN CI	LYNNFIELD MA	01940	17 TWOMEY CT Apt 64	SOUTH BOSTON	02127
604434058	ADDUCI ANNE MARIE		17 TWOMEY COURT #65	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 65	SOUTH BOSTON	02127
604434060	40VAUTRINOTAVEREALTY LLC	C/O 40VAUTRINOTAVEREALTY LLC	190 WILLARD ST	QUINCY MA	02170	17 TWOMEY CT Apt 66	SOUTH BOSTON	02127
604434066	BRODIGAN MICHAEL W		16 VILLAGE GATE RD	CANTON MA	02021	25 TWOMEY CT Apt 21	SOUTH BOSTON	02127
604434068	MANNING PATRICK		25 TWOMEY CT #22	SOUTH BOSTON MA	02127	25 TWOMEY CT Apt 22	SOUTH BOSTON	02127
604434070	DONOVAN MARION F		25 TWOMEY COURT #23	SOUTH BOSTON MA	02127	25 TWOMEY CT Apt 23	SOUTH BOSTON	02127
604434076	DONAHUE MEGHAN	C/O MEGHAN FITZGERALD	5 MCKENZIE LANE	FOXBORO MA	02035	125 FARRAGUT RD Apt 26	SOUTH BOSTON	02127
604434080	YOUNG WILLIAM J		125 FARRAGUT RD #28	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 28	SOUTH BOSTON	02127
604434004	SILVA ISABEL JUDITH TS	ISABEL JUDITH SILVA	219 COURT RD	WINTHROP MA	02152	1 TWOMEY CT Apt 38	SOUTH BOSTON	02127
604434006	BURKE DENNIS W	C/O DENNIS W BURKE	245 HIGHLAND ST	MILTON MA	02186	1 TWOMEY CT Apt 39	SOUTH BOSTON	02127
604434014	RATTET JANICE G		PO BOX 1222	W TISBURY MA	02575	1 TWOMEY CT Apt 43	SOUTH BOSTON	02127
604434016	ALLEN ANNE CHRISTINA	C/O ANNE CHRISTINA ALLEN	88 O STREET	SOUTH BOSTON MA	02127	1 TWOMEY CT Apt 44	SOUTH BOSTON	02127
604434020	MARTIN PAUL R	C/O PAUL R MARTIN	1 TWOMEY COURT #46	SOUTH BOSTON MA	02127	1 TWOMEY CT Apt 46	SOUTH BOSTON	02127
604434028	NEAL FREDERICK		9 TWOMEY COURT #50	SOUTH BOSTON MA	02127	9 TWOMEY CT Apt 50	SOUTH BOSTON	02127
604434030	GETONGA JAMES	C/O JAMES GETONGA	9 TWOMEY CT APT 51	BOSTON MA	02127	9 TWOMEY CT Apt 51	SOUTH BOSTON	02127
604434036	DOYLE JOHN M		9 TWOMEY CT	SOUTH BOSTON MA	02127	9 TWOMEY CT Apt 54	SOUTH BOSTON	02127
604434038	MCCARTHY WILLIAM E		17 TWOMEY CT #55	S BOSTON MA	02127	17 TWOMEY CT Apt 55	SOUTH BOSTON	02127
604434042	LEVINS JOSEPH C JR		17 TWOMEY COURT #57	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 57	SOUTH BOSTON	02127
604434044	ADDUCI ANNE M		17 TWOMEY COURT #58	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 58	SOUTH BOSTON	02127
604434050	HAYES JOHN F ETAL		17 TWOMEY COURT #61	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 61	SOUTH BOSTON	02127
604434052	KEANE MARY B		17 TWOMEY CT #62	SOUTH BOSTON MA	02127	17 TWOMEY CT Apt 62	SOUTH BOSTON	02127
604434054	SANTOS CHRISTOPHER J	C/O CHRISTOPHER J SANTOS	17 TWOMEY CT #63	S BOSTON MA	02127	17 TWOMEY CT Apt 63	SOUTH BOSTON	02127
604434062	SHAHNAZARIAN ANNI	C/O ANNI SHAHNAZARIAN	25 TWOMEY COURT #19	SOUTH BOSTON MA	02127	25 TWOMEY CT Apt 19	SOUTH BOSTON	02127
604434064	CONFORTI KIMBERLY A		25 TWOMEY CT	SOUTH BOSTON MA	02127	25 TWOMEY CT Apt 20	SOUTH BOSTON	02127
604434072	DECLUE PATRICIA	C/O PATRICIA DECLUE	25 TWOMEY COURT #24	SOUTH BOSTON MA	02127	25 TWOMEY CT Apt 24	SOUTH BOSTON	02127
604434074	MORRISSEY HELEN F		125 FARRAGUT RD #25	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 25	SOUTH BOSTON	02127
604434082	SHEA KAREN A	C/O KAREN SHEA	125 FARRAGUT RD #29	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 29	SOUTH BOSTON	02127
604434088	INGEMI JEAN MARIE		125 FARRAGUT RD #32	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 32	SOUTH BOSTON	02127
604434090	LYONS PAULA A	C/O PAULA LYONS	125 FARRAGUT RD #33	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 33	SOUTH BOSTON	02127
604434096	CLANCY JOHN P	C/O JOHN P CLANCY	67 FAIRWAYS DR #8	BETHLEHEM NH	03574	125 FARRAGUT RD Apt 36	SOUTH BOSTON	02127
604434098	MCCUNE MARY	C/O MARY MCCUNE	135 FARRAGUT RD #13	SOUTH BOSTON MA	02127	135 FARRAGUT RD Apt 13	SOUTH BOSTON	02127
604434104	WALSH KATHERINE	C/O KATHERINE WALSH	2 DEAN ROAD	MILTON MA	02186	135 FARRAGUT RD Apt 16	SOUTH BOSTON	02127
604434106	MCINTIRE CLAIRE	C/O CLAIRE MCINTIRE	135 FARRAGUT RD #17	S BOSTON MA	02127	135 FARRAGUT RD Apt 17	SOUTH BOSTON	02127
604434108	LANE THOMAS T		135 FARRAGUT RD #18	S BOSTON MA	02169	135 FARRAGUT RD Apt 18	SOUTH BOSTON	02127
604434110	DEGAN SALLY M		723 E SEVENTH ST	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 1	SOUTH BOSTON	02127

604434118	OTOOLE DOROTHY F		145 FARRAGUT RD #5	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 5	SOUTH BOSTON	02127
604434120	TALLENT RAYMOND TS	C/O RAYMOND TALLENT TS	145 FARRAGUT RD #6	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 6	SOUTH BOSTON	02127
604434122	CANAVAN THOMAS		145 FARRAGUT RD #7	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 7	SOUTH BOSTON	02127
604434128	KANE MARTIN W		145 FARRAGUT RD #10	S BOSTON MA	02127	145 FARRAGUT RD Apt 10	SOUTH BOSTON	02127
604434132	GOODMAN LAURA	C/O LAURA GOODMAN	145 FARRAGUT RD #12	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 12	SOUTH BOSTON	02127
604434084	RZEPECKI STEFANIE ANN	C/O STEFANIE ANN RZEPECKI	125 FARRAGUT RD #30	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 30	SOUTH BOSTON	02127
604434086	KORSHUKIN EUGENE	C/O SUN PROPERTY GROUP	11 ELKINS ST #250	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 31	SOUTH BOSTON	02127
604434092	CAMPBELL JENNIFER L	C/O JENNIFER L CAMPBELL	125 FARRAGUT RD #34	SOUTH BOSTON MA	02127	125 FARRAGUT RD Apt 34	SOUTH BOSTON	02127
604434094	TESTA ROCCO		125 FARRAGUT RD #35	S BOSTON MA	02127	125 FARRAGUT RD Apt 35	SOUTH BOSTON	02127
604434100	MAUREEN T CONLEY LIVING	MAUREEN T CONLEY	33 LENNON CT #35	SOUTH BOSTON MA	02127	135 FARRAGUT RD Apt 14	SOUTH BOSTON	02127
604434102	BURKE DENNIS W	C/O DENNIS & MARTHA BURKE	245 HIGHLAND ST	MILTON MA	02186	135 FARRAGUT RD Apt 15	SOUTH BOSTON	02127
604434112	MCCARTER DONALD H	C/O DONALD H MCCARTER	774 E THIRD ST #1	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604434114	CD FARRAGUT ROAD REALTY	C/O CEDARWOOD DEVELOPMENT LLC	202 W BROADWAY	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
604434116	MCGRORY MARY P TS	C/O EUGENE F. MCGRORY TS	51 CHRISTINA DRIVE	BRAINTREE MA	02184	145 FARRAGUT RD Apt 4	SOUTH BOSTON	02127
604434124	SILVA ISABEL J	C/O ISABEL J SILVA	145 FARRAGUT RD #8	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 8	SOUTH BOSTON	02127
604434126	DAYALI BHAVESH	C/O BHAVESH DAYALI	145 FARRAGUT RD #9	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 9	SOUTH BOSTON	02127
604434130	VARHELYI ILDIKO		145 FARRAGUT RD #11	SOUTH BOSTON MA	02127	145 FARRAGUT RD Apt 11	SOUTH BOSTON	02127
604463002	FITZGERALD WILLIAM M ETAL		121 FARRAGUT RD #2	SOUTH BOSTON MA	02127	121 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604463004	HEBERT REALTY TRUST	C/O ALEX B HEBERT	123 FARRAGUT RD #1	SOUTH BOSTON MA	02127	123 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
604458000	PEARSON DEVELOPMENT LLC	C/O PATRICK MURTAGH RA	762 E EIGHTH ST	SOUTH BOSTON MA	02127	97 FARRAGUT RD	SOUTH BOSTON	02127
604463000	ONE 21-123 FARRAGUT RD CONDO		121 FARRAGUT RD	SOUTH BOSTON MA	02127	121 FARRAGUT RD	SOUTH BOSTON	02127
604459000	TIRABASSI EDMUND		101 FARRAGUT RD	SOUTH BOSTON MA	02127	101 FARRAGUT RD	SOUTH BOSTON	02127
604460000	MILLER BRIAN F		105 FARRAGUT RD	S BOSTON MA	02127	105 FARRAGUT RD	SOUTH BOSTON	02127
604462000	PEDERSON MARGARET ETAL	C/O JOAN F BENOIT	109 FARRAGUT RD	SOUTH BOSTON MA	02127	109 FARRAGUT RD	SOUTH BOSTON	02127
604488002	HAYES THOMAS J JR		955 E BROADWAY	SOUTH BOSTON MA	02127	71 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
604488004	LOOMIS J EMILY		955 EAST BROADWAY	SOUTH BOSTON MA	02127	71 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604490000	SEVENTY 5 FARRAGUT RD		75 FARRAGUT RD	SOUTH BOSTON MA	02127	75 FARRAGUT RD	SOUTH BOSTON	02127
604490006	BAILEY CONRAD J	C/O CONRAD J BAILEY	75 FARRAGUT RD #3	SOUTH BOSTON MA	02127	75 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
604488000	ADMIRAL FARRAGUT CONDO TRUST	C/O DAVID MASSENZIO	71 FARRAGUT RD #4	SOUTH BOSTON MA	02127	71 FARRAGUT RD	SOUTH BOSTON	02127
604488006	HODOR PETER W	C/O PETER W HODOR	866 E FIFTH ST	SOUTH BOSTON MA	02127	71 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
604488008	MASSENZIO DAVID	C/O DAVID MASSENZIO	71 FARRAGUT RD UNIT 4	SOUTH BOSTON MA	02127	71 FARRAGUT RD Apt 4	SOUTH BOSTON	02127
604488010	MACPHERSON CATHERINE J	C/O CATHERINE J MACPHERSON	PO BOX 850590	BRAINTREE MA	02185	71 FARRAGUT RD Apt 5	SOUTH BOSTON	02127
604488012	MARTINO CHRISTOPHER	C/O CHRISTOPHER MARTINO	71 FARRAGUT ROAD #6	SOUTH BOSTON MA	02127	71 FARRAGUT RD Apt 6	SOUTH BOSTON	02127
604489000	DIPERRI JAMES S	C/O JAMES S DIPERRI LT	73 FARRAGUT RD	SOUTH BOSTON MA	02127	73 FARRAGUT RD	SOUTH BOSTON	02127
604490002	BAILEY CONRAD J	C/O CONRAD J BAILEY	75 FARRAGUT RD #1	SOUTH BOSTON MA	02127	75 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
604490004	REARDON JOHN P		75 FARRAGUT RD #2	SOUTH BOSTON MA	02127	75 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604493000	EIGHTY 3 FARRAGUT ROAD		83 FARRAGUT RD	SOUTH BOSTON MA	02127	83 FARRAGUT RD	SOUTH BOSTON	02127
604493002	RYAN STEPHEN T	C/O STEPHEN RYAN	83 FARRAGUT RD #1	S BOSTON MA	02127	83 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
604493006	QUIGG HENRY A		83 FARRAGUT RD #3	SOUTH BOSTON MA	02127	83 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
604491004	CONCANNON JAMES		77 FARRAGUT RD #2	SOUTH BOSTON MA	02127	77 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604491000	SEVENTY 7 FARRAGUT RD		77 FARRAGUT RD	SOUTH BOSTON MA	02127	77 FARRAGUT RD	SOUTH BOSTON	02127
604491002	MACDONALD RODERICK L	C/O RODERICK MACDONALD	2 ATLANTIC AV (COLONY GR	BOSTON MA	02110	77 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
604491006	CONNOLLY THOMAS J LT	C/O THOMAS J CONNOLLY	77 FARRAGUT RD #3	SOUTH BOSTON MA	02127	77 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
604493004	CARR JACQUELINE A TS	JACQUELINE A CARR	83 FARRAGUT RD #2	SOUTH BOSTON MA	02127	83 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
604494000	ARMSTRONG DANIEL F	C/O DANIEL F ARMSTRONG	87 FARRAGUT RD	SOUTH BOSTON MA	02127	85 FARRAGUT RD	SOUTH BOSTON	02127
604492000	WILLIAMS JOSEPH D		81 FARRAGUT RD	SOUTH BOSTON MA	02127	81 FARRAGUT RD	SOUTH BOSTON	02127
702710001	COMM OF MASS		1883 WM J DAY BLVD	SOUTH BOSTON MA	02127	1883 WILLIAM J DAY BL	SOUTH BOSTON	02127
702710000	COMMWLTH OF MASS		WM J DAY BLVD	SOUTH BOSTON MA	02127	WILLIAM J DAY BL	SOUTH BOSTON	02127

PID	OWNER	ADDRESSEE	MLG_ADDRESS	MLG_CITYSTATE	MLG_ZIPC	LOC_ADDRESS	LOC_CITY	LOC_ZIPCODE
603416000	COMMONWLTH OF MASS		FARRAGUT RD	SOUTH BOSTON MA	02127	FARRAGUT RD	SOUTH BOSTON	02127
603413000	CITY OF BOSTON		FARRAGUT RD	SOUTH BOSTON MA	02127	FARRAGUT RD	SOUTH BOSTON	02127
603415000	COMMONWLTH OF MASS		1889 WM J DAY BLVD	SOUTH BOSTON MA	02127	1889 WILLIAM J DAY BL	SOUTH BOSTON	02127
603417000	COMMWLTH OF MASS		20 FARRAGUT RD	SOUTH BOSTON MA	02127	20 FARRAGUT RD	SOUTH BOSTON	02127
603871000	HIGGINS WILLIAM W JR		47 FARRAGUT RD	SOUTH BOSTON MA	02127	47 FARRAGUT RD	SOUTH BOSTON	02127
603874000	DONOVAN JOHN H		55 FARRAGUT ROAD	SOUTH BOSTON MA	02127	55 FARRAGUT RD	SOUTH BOSTON	02127
603872000	49 FARRAGUT LLC	C/O 49 FARRAGUT LLC	36 HAVILEND ST	QUINCY MA	02170	49 FARRAGUT RD	SOUTH BOSTON	02127
603876000	FARRAGUT PARK CONDOMINIUM		61 FARRAGUT RD	SOUTH BOSTON MA	02127	61 FARRAGUT RD	SOUTH BOSTON	02127
603876006	DAHILL RICHARD J		61 FARRAGUT RD #3	S BOSTON MA	02127	61 FARRAGUT RD Apt 3	SOUTH BOSTON	02127
603876002	KANE RICHARD	C/O RICHARD KANE	61 FARRAGUT RD #1	SOUTH BOSTON MA	02127	61 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
603876004	COAKLEY JEFFREY P		61 FARRAGUT RD #2	SOUTH BOSTON MA	02127	61 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
603878000	REZZA DORIS M	C/O DORIS M REZZA	65 FARRAGUT ROAD	SOUTH BOSTON MA	02127	65 FARRAGUT RD	SOUTH BOSTON	02127
603877000	DAILEY ELIZABETH T		63 FARRAGUT ROAD	SOUTH BOSTON MA	02127	63 FARRAGUT RD	SOUTH BOSTON	02127
603873000	FARMA ANNE M TS	C/O ANNE M FARMA	53 FARRAGUT RD	SOUTH BOSTON MA	02127	53 FARRAGUT RD	SOUTH BOSTON	02127
603907002	CALNAN KIRSTIN	C/O JOSEPH B CALNAN	860 862 E THIRD ST #1	SOUTH BOSTON MA	02127	860 E THIRD ST Apt 1	SOUTH BOSTON	02127
603907004	ZIAUGRA REVOCABLE TRUST	C/O LIUDA ZIAUGRA	860 862 E THIRD ST #2	SOUTH BOSTON MA	02127	860 E THIRD ST Apt 2	SOUTH BOSTON	02127
603905002	HUNT RYAN C	C/O SUN PROPERTY GROUP INC	11 ELKINS ST #250	SOUTH BOSTON M	02127	37 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
603905004	HUNT RYAN	C/O RYAN HUNT	37 FARRAGUT RD #2	SOUTH BOSTON MA	02127	37 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
603904000	35 FARRAGUT LLC	C/O 35 FARRAGUT LLC	339 DORCHESTER STREET	SOUTH BOSTON MA	02127	35 FARRAGUT RD	SOUTH BOSTON	02127
603907000	EIGHT 60-862 E THIRD ST		862 E THIRD ST	SOUTH BOSTON MA	02127	860 E THIRD ST	SOUTH BOSTON	02127
603902000	TWENTY7 FARRAGUT RD RLTY TS		404 S HUNTINGTON AV	JAMAICA PLAIN MA	02130	27 FARRAGUT RD	SOUTH BOSTON	02127
603905000	THIRTY 7 FARRAGUT ROAD		37 FARRAGUT RD	SOUTH BOSTON MA	02127	37 FARRAGUT RD	SOUTH BOSTON	02127
603924000	ADMIRAL FARRAGUT LLC	C/O MCCOURT CONSTRUCTION	60 K ST	SOUTH BOSTON MA	02127	P ST	SOUTH BOSTON	02127
603906002	MEGENEDY RYAN	C/O RYAN MEGENEDY	41 FARRAGUT RD	SOUTH BOSTON MA	02127	41 FARRAGUT RD Apt 1	SOUTH BOSTON	02127
603906004	CONNELL JOHN	C/O JOHN CONNELL	41 FARRAGUT RD # 2	SOUTH BOSTON MA	02127	41 FARRAGUT RD Apt 2	SOUTH BOSTON	02127
603875000	CERULLO GLORIA TS	C/O GLORIA CERULLO TS	57 FARRAGUT RD	SOUTH BOSTON MA	02127	57 FARRAGUT RD	SOUTH BOSTON	02127
603906000	FORTY-1 FARRAGUT ROAD	C/O PAUL J IANTOSCA TS	41 FARRAGUT RD	SOUTH BOSTON MA	02127	41 FARRAGUT RD	SOUTH BOSTON	02127
603906006	GROSSI MARINA E	C/O MARINA E GROSSI	41 FARRAGUT RD # 3	SOUTH BOSTON MA	02127	41 FARRAGUT RD Apt 3	SOUTH BOSTON	02127

DCR Castle Island Korean War Memorial Water Line – NOI fee calculation

City of Boston – NOI filing fees:

- \$25 for projects that cost \$1,000 or less
- \$50 for projects that cost between \$1,000 - \$50,000
- \$75 for projects that cost between \$50,000 - \$100,000
- .075% of the cost for projects that are more than \$100,000.

Based on a consulting firm's October 2018 cost estimate of \$80,000.