

Notice of Intent

**242 King Street
Littleton, MA**

October 2025

Prepared for:
Town of Littleton
Littleton Conservation Commission
37 Shattuck Street; 1st Floor, B100
Littleton, MA 01460

Applicant:
Littleton Electric Light and Water Department
39 Ayer Road – P.O. Box 2406
Littleton, MA 01460

Prepared by:
Goldsmith, Prest & Ringwall, Inc.
39 Main Street, Suite 301
Ayer, MA 01432





Civil Engineering • Land Planning • Land Surveying

Engineering Solutions
for Land & Structures

October 7, 2025

Town of Littleton Conservation Commission
c/o Mr. Tim Pearson, Agent
37 Shattuck Street; 1st Floor, B100
Littleton, MA 01460

Subject: Notice of Intent
242 King Street
Littleton, Massachusetts, 01460

Via: Hand Delivery & Email: conservation@littletonma.org

Dear Commissioners:

On behalf of the Applicant, Littleton Electric Light and Water Department, Goldsmith, Prest & Ringwall, Inc (GPR) is pleased to submit this Notice of Intent (NOI) for work within the 100-foot buffer zone to Bordering Vegetated Wetlands (BVW), and within the 200-foot Riverfront Area (RFA). The project site is located at 242 King Street in Littleton, MA, and currently contains an 8-bedroom single-family residence, in-ground pool, shed, and a small walkway. The project involves the removal of the existing pool, shed, and walkway, and the construction of a new five-space parking area, along with an associated driveway and pedestrian walkway. This NOI has been prepared in accordance with the Massachusetts Wetland Protection Act (MGL c.131 § 40) and its implementing Regulations (310 CMR 10.00) (the Act) and the Town of Littleton Wetlands Protection Bylaw.

Enclosed are two copies of the NOI submission package and full-size Site Plans. An electronic copy of the application will also be submitted to the Conservation Commission.

As requested, a copy of this filing has been provided to the Central Regional Office of the Department of Environmental Protection (MassDEP). In accordance with the Act, abutters within 100 feet of the property have been notified via certified mail on the same date as this submission.

Goldsmith, Prest & Ringwall, Inc.

39 Main Street, Suite 301, Ayer, MA 01432 • (978) 772-1590 • Fax (978) 772-1591
info@gpr-inc.com • www.gpr-inc.com

For any questions or additional information, please contact us at (978) 772-1590 or by email at: bringwall@gpr-inc.com. Thank you for considering this Notice of Intent. We look forward to meeting with the Commission at the next public hearing.

Sincerely,

Goldsmith, Prest & Ringwall, Inc

A handwritten signature in blue ink, appearing to read "B. Ringwall".

Bruce Ringwall, President

cc: MassDEP (CERO)
LELWD via email: dketchen@lelwd.com

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- Attachment 4: Wetland Field Data Forms
- Attachment 5: Stormwater Management Summary
- Attachment 6: Site Plans

1. Notice of Intent Forms and Checklist

- Notice of intent application checklist
- WPA Form 3 – Notice of Intent
- NOI Wetland Fee Transmittal Form



Littleton Conservation Commission

37 Shattuck Street / Room 303

Phone: 978 540-2428

Fax: 978 952-2321

NOI Plan Filing Procedure Summary

Submit this checklist with application

(rev February 14, 2024)

Plans Checklist to accompany application for Notice of Intent (NOI). This is a Bylaw Supplemental form to aid you in submitting complete and appropriate information on your plans. These are suggested/expected items to be shown on the plans but will not necessarily be applicable to all projects. Note that the Commission requires a colored plan for presentation purposes.

All lines must be marked X or identified as Not Applicable ("N/A"), or noted as to where the information can be found.

(1) North arrow Locus insert Bar scale (preferably 1 in = 20 to 40 ft.)

(2) Title Block with Following Information:

Plan Title

Applicant's Name(s), address & phone

Property Owner Name(s), address & phone

Location/street name & number

Assessor map, lot, Registry book, page on all lots w/activity

Plan preparer's name, title, stamp, company name, address phone & fax

Date plan prepared, last revised, and revision notes

(3) Existing contours

(4) Existing structure(s) with natural and man-made features, including stone walls and trails

(5) Trees over 8-inch diameter breast height within resource areas and buffer zones

(6) Property lines; clearly mark limits of review area if entire property is not under review

(7) Existing utilities, rights-of-way, easements, ancient ways or other deeded ways

PROJECT NAME/ADDRESS: LELWD . 242 King Street, Littleton, MA DATE: 10/08/2025

(8) Name of wetland scientist responsible for identifying wetland boundaries

(9) Date wetland was flagged (must be no more than 3 years prior to current date)

(10) Wetland resource area boundaries with flag numbers

(11) 100 foot buffer zone limits and 50-foot No Disturb limit

(12) Notations identifying all wetland types and delineation methodology

(13) Shortest distance to all resource areas from closest proposed structure (use arrow)

(14) Shortest distance to all resource areas from closest point of erosion control materials

(15) Proposed contours (one foot increments)

(16) Proposed location of utility lines

(17) Proposed structure(s) (including driveway work, septic components, etc)

(18) Existing and proposed stormwater management features (including temporary controls)

(19) Watersheds and drainage areas

(20) Test pit, boring holes and logs

(21) Conservation post detail and plaque detail

(22) Location of temporary stockpiles w/notation of content (e.g. excavated soils)

(23) Location of snow storage areas

(24) Location of dumpster(s)

(25) Cross-sections, particularly at key areas of slopes near wetland resource areas

(26) Mitigation plans as needed

(27) Construction sequencing

(28) Details as applicable, including type of erosion controls

One full sized color plans (and presentation plan) should be colored as follows.

Check if present	Feature	Line Type
	Existing tree line	Green solid
	Proposed tree line	Green dashed
X	Bordering Vegetated Wetlands*	Dark blue solid
	Bank/Land Under Water	Light blue dashed
X	100 foot buffer from BVW and/or Bank	Yellow solid
X	50 foot No Disturb limit from BVW and/or Bank	Yellow dashed
	Vernal Pool	Purple solid
	Vernal Pool 100 foot	Purple dashed
X	Bordering Lands Subject to Flooding	Orange solid
	Isolated Lands Subject to Flooding	Orange dashed
	Mean Annual High Water	Light red solid
X	100 foot and 200 foot Riverfront Area	Light red dashed
X	Bank, Wetland, Land Under Water, Riverfront Area and Floodplain	Red solid with differentiated stippling/cross hatching
	Mitigation Area	Red dashed line with differentiated stippling/cross hatching
X	Erosion controls	Brown dashed
X	Limit of work	Brown solid

*Note locations of any federal, non-state isolated vegetated wetlands



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
And Littleton Wetland Protection Bylaw

Provided by MassDEP:

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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):

242 King Street

a. Street Address

Littleton

01460

Latitude and Longitude:

b. City/Town

c. Zip Code

42.53980

-71.49044

d. Latitude

e. Longitude

7

g. Parcel /Lot Number

2. Applicant:

--

a. First Name

--

b. Last Name

LELWD

c. Organization

39 Ayer Road – PO Box 2406

d. Street Address

MA

01460

e. City/Town

f. State

g. Zip Code

978-540-2254

--

h. Phone Number

i. Fax Number

dketchen@lelwd.com

j. Email Address

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

--

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):

--

a. First Name

--

b. Last Name

Goldsmith, Prest & Ringwall, Inc.

c. Company

39 Main Street, Suite 301

d. Street Address

Ayer

MA

01432

e. City/Town

f. State

g. Zip Code

978-772-1590

978-772-1591

h. Phone Number

i. Fax Number

kiek@gpr-inc.com

j. Email address

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

N/A

a. Total Fee Paid

N/A

b. State Fee Paid

N/A

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Removal of existing driveway, pool and walk. Construction of parking lot and walkway.

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

1. <input type="checkbox"/> Single Family Home	2. <input type="checkbox"/> Residential Subdivision
3. <input type="checkbox"/> Commercial/Industrial	4. <input type="checkbox"/> Dock/Pier
5. <input type="checkbox"/> Utilities	6. <input type="checkbox"/> Coastal engineering Structure
7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry)	8. <input type="checkbox"/> Transportation
9. <input checked="" type="checkbox"/> 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 CMR 10.24(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:

Southern Middlesex

a. County

1577

c. Book

--

b. Certificate # (if registered land)

104

d. Page Number

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

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

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



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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Bank	-- 1. linear feet	-- 2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	-- 1. square feet	-- 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	-- 1. square feet -- 3. cubic yards dredged	-- 2. square feet
 <u>Resource Area</u>	 <u>Size of Proposed Alteration</u>	 <u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	-- 1. square feet	-- 2. square feet
e. <input type="checkbox"/> Isolated Land Subject to Flooding	-- 1. square feet -- 2. cubic feet of flood storage lost	-- 4. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	Beaver Brook 1. Name of Waterway (if available) - specify coastal or inland	
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 checked="" type="checkbox"/> 200 ft. - All other projects		
3. Total area of Riverfront Area on the site of the proposed project:	199,670± SF square feet	
4. Proposed alteration of the Riverfront Area:		
5,210± SF a. total square feet	420± b. square feet within 100 ft.	4,790± SF c. square feet between 100 ft. and 200 ft.
5. Has an alternatives analysis been done and is it attached to this NOI?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
6. Was the lot where the activity is proposed created prior to August 1, 1996?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3. <input type="checkbox"/> Coastal Resource Areas: (See 310 CMR 10.25-10.35)		

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



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

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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
	--	
	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	--	2. cubic yards beach nourishment
	1. square feet	
e. <input type="checkbox"/> Coastal Dunes	--	2. cubic yards dune nourishment
	1. square feet	
<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	--	2. sq ft restoration, rehab., creation
	1. square feet	
i. <input type="checkbox"/> Land Under Salt Ponds	--	
	1. square feet	
	--	
j. <input type="checkbox"/> Land Containing Shellfish	2. cubic yards dredged	
	--	
	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

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. Yes No

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

MassMapper
Online

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

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

c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area --
percentage/acreage
(b) outside Resource Area --
percentage/acreage

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

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

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)
(b) Photographs representative of the site

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

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

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



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

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

Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

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

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing.

--

--

a. NHESP Tracking #

b. Date submitted to NHESP

3. Separate MESA review completed.

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

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

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

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

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

North Shore - Plymouth to New Hampshire border:

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

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

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

c. Is this an aquaculture project?

d. Yes No

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



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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.

'Notice of Intent - Site Plan - 242 King Street, Littleton, Massachusetts'

a. Plan Title

Goldsmith, Prest & Ringwall, Inc.

b. Prepared By

9/12/2025

d. Final Revision Date

Elizabeth Clark, P.E.

c. Signed and Stamped by

20-Scale

e. Scale

10/8/2025

g. Date

--
f. Additional Plan or Document Title

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

--

4. State Check Number

--

6. Payor name on check: First Name

--

3. Check date

--

5. Check date

--

7. Payor name on check: Last Name



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Provided by MassDEP:

MassDEP File Number _____

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Littleton
City/Town _____

F. Signatures and Submittal Requirements

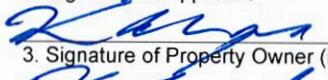
I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the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

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



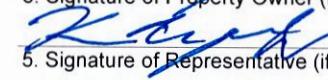
1. Signature of Applicant

(As agent of owner)



3. Signature of Property Owner (if different)

(As agent of owner)



5. Signature of Representative (if any)



2. Date



4. Date



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.

2. Project Narrative

2.1. Project Summary

This Notice of Intent (NOI) is submitted for the proposed site improvements at 242 King Street in Littleton, Massachusetts. The subject property is identified as parcel U36-7-0. The lot consists of 8.98 acres of land and contains a single-family dwelling with an in-ground swimming pool, access driveway and onsite sewage disposal system, and the Water Resource Recovery Facility (WRRF) owned and operated by the Littleton Water Department.

$1,560 \pm \text{ SF}$

This scope of this Notice of Intent is limited to the site modifications associated with the single-family dwelling to accommodate the WRRF. The proposed project consists of removing the existing in-ground swimming pool, shed, and walkways, abandoning the on-site septic system, and constructing a new five-space paved driveway and pedestrian walkway. The septic system will be abandoned in accordance with 310 CMR 15.00 Title 5, by pumping out, puncturing, and backfilling the two existing septic tanks and the existing pump chamber. The current building sewer will be disconnected from the septic system and reconnected to the municipal sewer main located to the west of the single-family dwelling. The pool and shed area will be restored to a vegetated pervious state and stabilized with loam and a grass seed mix.

The proposed work does not extend further into the Riverfront Area as compared to existing site conditions, and new work is confined to areas that are either existing lawn or impervious surfaces. A net decrease in impervious cover of approximately $2,235 \pm \text{ SF}$ will be achieved. The Project includes stormwater management for the proposed driveway in the form of a shallow infiltration ponding area which will provide groundwater recharge and stormwater treatment.

Table 2.1: RFA Summary

		0'-100' RFA	100'-200' RFA
Total Site RFA:	$199,670 \pm \text{ SF}$	-	-
Previously Disturbed RFA:		$420 \pm \text{ SF}$	$1,140 \pm \text{ SF}$
Proposed RFA Disturbance:	$5,210 \pm \text{ SF}$	$420 \pm \text{ SF}$	$4790 \pm \text{ SF}$
Total Percentage of RFA Alteration:	$2.6\% \pm$	-	-
Impervious Area to be Removed (Existing driveway, pool, shed and walkway)	$4,970 \pm \text{ SF}$	$420 \pm \text{ SF}$	$1,140 \pm \text{ SF}$
Proposed New Impervious Area On-site (Proposed Driveway and walkway)	$2,460 \pm \text{ SF}$	$0 \pm \text{ SF}$	$2,000 \pm \text{ SF}$
Proposed New Impervious Area Off-site (driveway apron)	$175 \pm \text{ SF}$	$0 \pm \text{ SF}$	$175 \pm \text{ SF}$
Impervious Area Change	$-2,235 \pm \text{ SF}$	$-420 \pm \text{ SF}$	$+1,485 \pm \text{ SF}$

The WRRF received a separate Order of Conditions (See Attachment 6.2). The approval of the WRRF included a stormwater management system designed to mitigate impacts associated with newly created impervious area of the WRRF.

2.2. Alternatives Analysis

Due to the configuration of the lot and the near-total coverage of the area of work by regulated resource areas, no practicable alternatives exist that would allow full avoidance of jurisdictional areas. The proposed project reduces overall impervious coverage within the RFA and has been designed to minimize environmental impacts to the greatest extent practicable, while restoring safe and functional access to the property.

2.2.1. No Build Alternative

Maintaining the current access drive is not feasible with the recently constructed WWRF. The no build alternative would result in the single-family dwelling losing legal and safe vehicular access.

2.2.2. Driveway Outside of the Riverfront Area

Interstate 495, a MassDOT controlled highway, is west of the site. MassDOT restricts driveway access (curb cuts) in certain locations for safety and traffic flow reasons, particularly near Interstate highway ramps such as I-495. The proposed driveway curb cut has been located as far east as allowable by MassDOT. Maintaining the existing driveway, or moving the driveway further west, outside of the RFA would not be permissible by MassDOT.

2.3. Wetland Resource Areas

2.3.1.a. Riverfront Area: Beaver Brook

Beaver Brook is a perennial stream located adjacent to the site, and its associated 200-foot Riverfront Area.

2.3.1.b. Bordering Vegetated Wetland

The Bordering Vegetated Wetland (BVW) located to the east of the property was delineated in the field by Magdalena Lofstedt and Danielle Gallant, Professional Wetland Scientists with CDM Smith Inc. (See attachment 6.1). Based on their delineation, the 50-foot No Disturb Zone and the 100-foot Buffer Zone extend into the subject parcel. These zones are jurisdictional under local and/or state regulations, though they are not resource areas themselves.

No work is proposed within the 0–50' No Disturb Zone. Within the 50–100' Buffer Zone, approximately 1,750± square feet of existing impervious surface will be removed. The proposed project includes the installation of approximately 1,370± square feet of new impervious surface within this buffer, resulting in a net reduction of approximately 380± square feet of impervious area within the jurisdictional buffer zone.

2.3.1.c. Bordering Land Subject to Flooding (BLSF)

 Based on Federal Emergency Agency's (FEMA) Flood Insurance Rate Map (FIRM; Panel No. 25017C0236G dated 07/08/2025), a portion of the Property lies within a Zone AE and a Regulatory Floodway. The Zone AE has an elevation of 211.40. No work is proposed within the BLSF.

2.4. Protective Measures

The following is a discussion of the relationship of the Project to the interests of the Act as defined by 310 CMR 10.01(2):

2.4.1. Protection of Public and Private Water Supply and Protection of Ground Water Supply

The public and private water supply and groundwater supply protection interests of the Act and Bylaw will be upheld. The site is fully within a Zone II recharge areas for a public water supply as defined in 310 CMR 22.02.

The stormwater management system has been designed in accordance with the 2008 MassDEP Stormwater Handbook for a discharge near a critical area (Zone II) and includes specific source control measures, provides water quality treatment for the first 1-inch of runoff for the proposed work and existing site features to remain, and locates stormwater control measures outside of the buffer zone to bank.

2.4.2. Flood Control and Storm Damage Prevention

The flood control and storm damage prevention interests of the Act and Bylaw will be maintained. The Flood Insurance Rate Map (Appendix A FIRMETTE) indicates that the limit of work is outside any FEMA-designated flood zones.

The project entails the construction of new driveway to serve a single-family dwelling within a Zone II. Per 310 CMR 10.05(6)(k.) the project is required to comply with the 2008 MassDEP Stormwater Handbook standards to the Maximum Extent Practicable.

The attached stormwater report has been provided to expand upon stormwater management measures being implemented for the proposed project.

2.4.3. Prevention of Pollution

The pollution interests of the Act and Bylaw will be upheld. The Project has been designed to reduce the overall scope of work within the buffer zone to BVW, and RFA.

Additionally, sedimentation control barriers will be installed prior to construction as depicted on the Site Plan and will be maintained in working order throughout the duration of the Project. The Project has developed a Long-Term Pollution Prevention Plan and Operation and Maintenance Plan to ensure that source control measures are implemented and that the stormwater management system is maintained.

2.4.4. Protection of Land Containing Shellfish, Fisheries and Wildlife Habitat

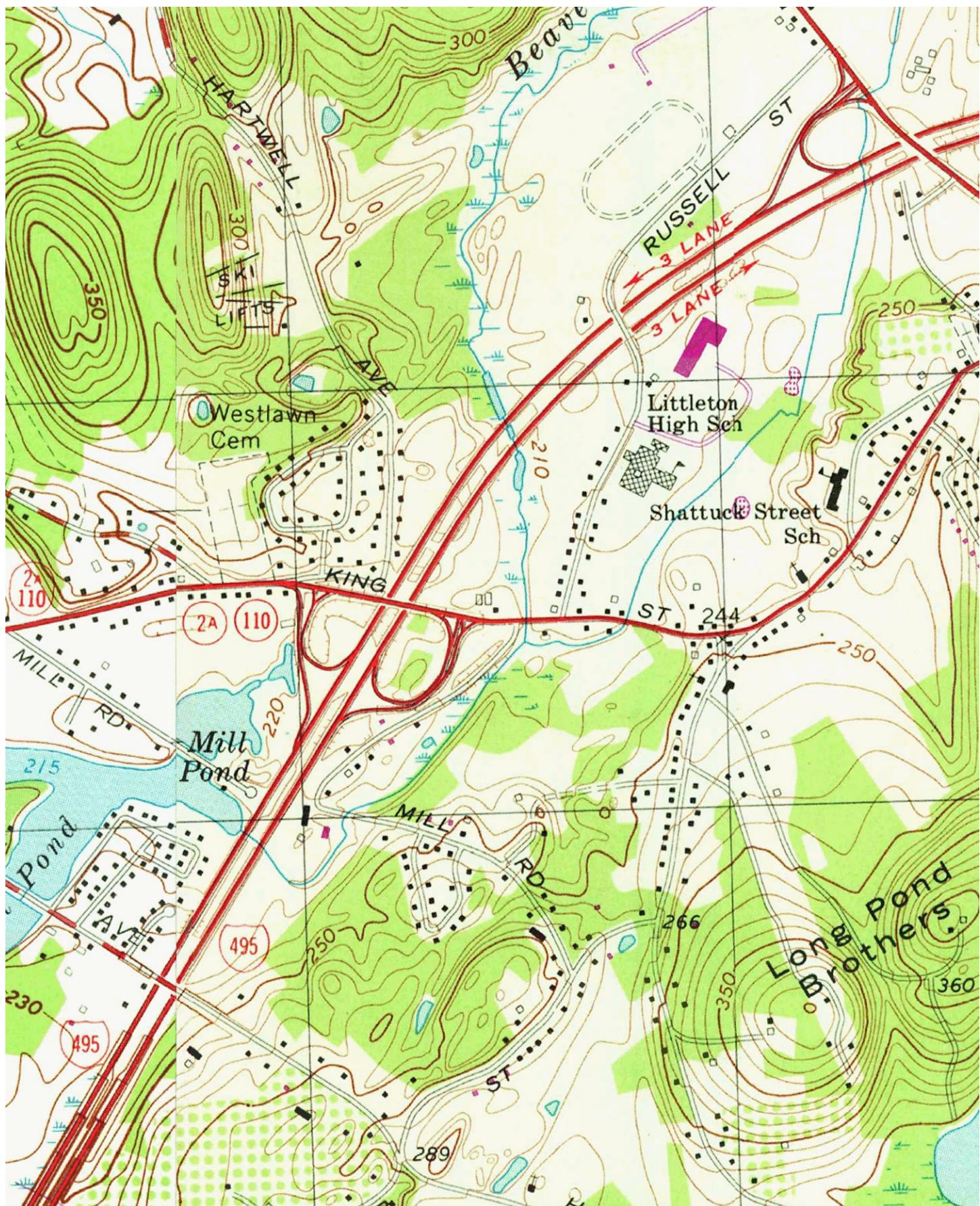
The fisheries, shellfisheries, and wildlife habitat interests of the Act and Bylaw will be upheld. There are no habitats designated by the Natural Heritage and Endangered Species Program (NHESP) for rare wildlife or species, certified vernal pools, fisheries, or shellfish growing areas on-site (Appendix A Conservation Areas Map).

2.5. Conclusion

The Applicant seeks approval from the Littleton Conservation Commission to construct the Project. Planned activities will be limited to work within the 100-foot Buffer Zone to the BVW and RFA and are anticipated to have no negative impacts on the resource areas. The Applicant respectfully requests the issuance of an Order of Conditions for this work.

Attachment 1: Exhibits

- USGS Locus Map
- Aerial Locus Map
- FEMA Firmette



Mercator Projection

WGS84

UTM Zone 19T

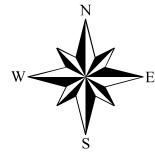


0.1 to 0.4 mi 0.5 to 0.8 mi

Scale **1:12000** 1 inch = 1000 feet







242 King Street

Littleton, MA

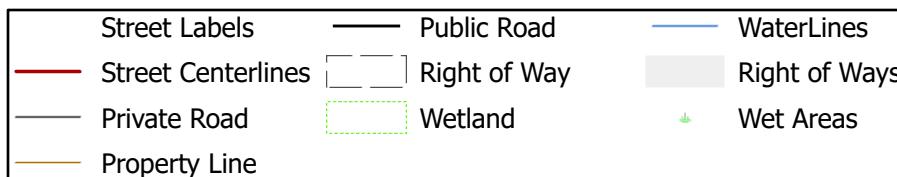
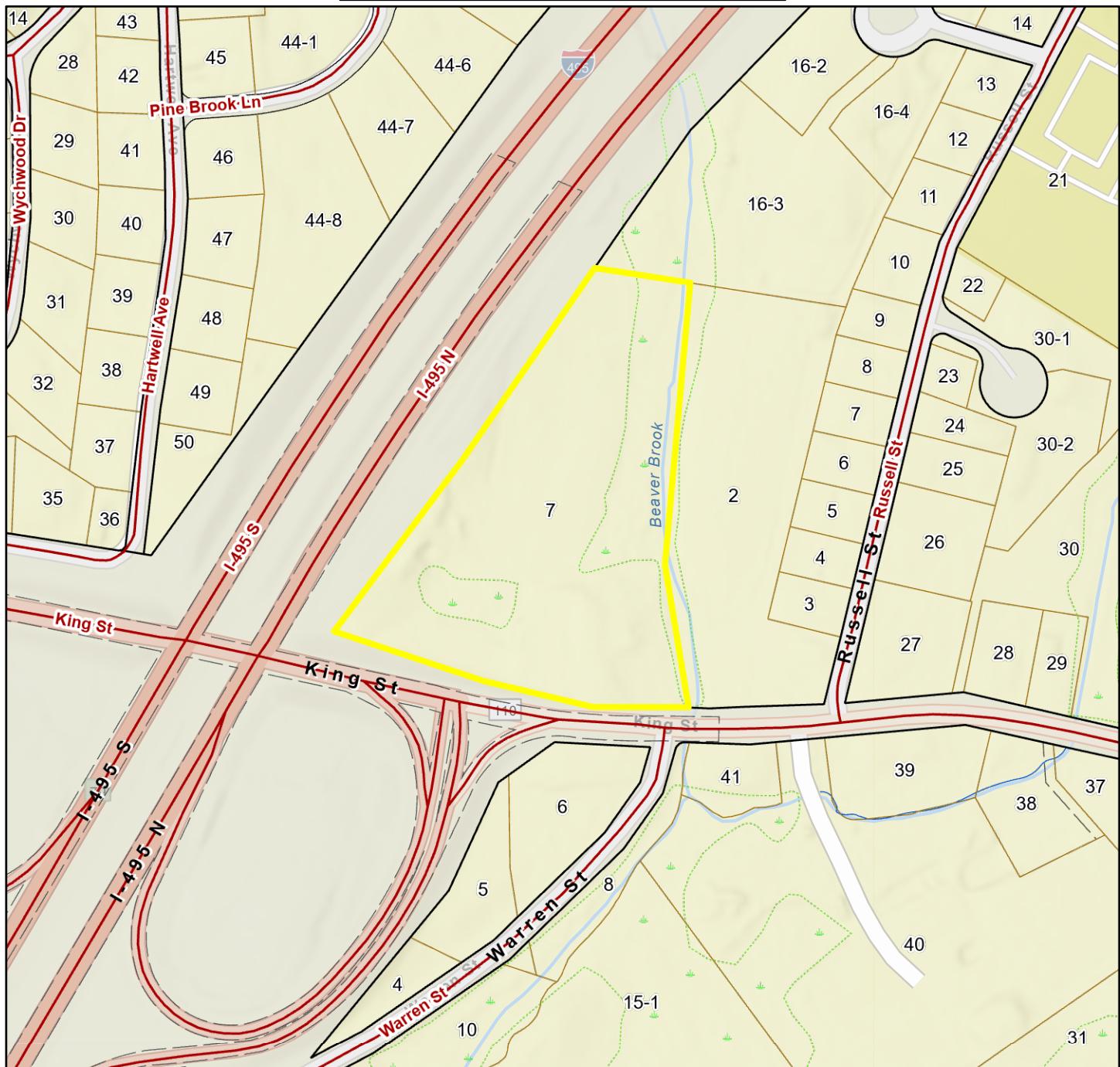
1 inch = 300 Feet

July 2, 2025

A horizontal scale with numerical markers at 0, 300, 600, and 900. A thick black horizontal bar spans from the 0 mark to the 600 mark. A thick white horizontal bar spans from the 600 mark to the 900 mark.

CAI Technologies
Precision Mapping. Geospatial Solutions.

www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

National Flood Hazard Layer FIRMette



71°29'44"W 42°32'36"N



Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
OTHER AREAS	Area with Flood Risk due to Levee Zone D
	NO SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRs
GENERAL STRUCTURES	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
OTHER FEATURES	20.2 Cross Sections with 1% Annual Chance
	17.5 Water Surface Elevation
	8 - - - Coastal Transect
MAP PANELS	~~~ 513 ~~~ Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
MAP PANELS	Digital Data Available
	No Digital Data Available
	Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/8/2025 at 3:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Attachment 2: Abutters Notification Information



**TOWN OF LITTLETON
BOARD OF ASSESSORS**

P.O. BOX 1305
LITTLETON, MA 01460
(978) 540-2410
FAX: (978) 952-2321

Date: _____

Re: Certified List of Abutters Conservation Commission

Applicant: _____

Name of Firm: _____

Mailing Address: _____

Subject Parcel Location: _____

Subject Parcel No.: _____

Subject Owner Name: _____

M.G.L. Chapter 131: Section 40 "Any person filing a notice of intention with a conservation commission shall at the same time give written notification thereof, by delivery in hand or certified mail, return receipt requested, to all abutters within one hundred feet of the property line of the land where the activity is proposed, but not limited to, owners of land directly opposite said proposed activity on any public or private street or way, and in another municipality or across a body of water. When a notice of intent proposes activities on land under water bodies and waterways or on a tract of land greater than 50 acres, written notification shall be given to all abutters within 100 feet of the proposed project site. For the purposes of this action, "project site" shall mean lands where the following activities are proposed to take place: dredging, excavating, filling, grading, the erection, reconstruction or expansion of a building or structure, the driving of pilings, the construction or improvement of roads or other ways and the installation of drainage, sewerage and water systems, and "land under water bodies and waterways" shall mean the bottom of, or land under, the surface of the ocean or an estuary, creek, river stream, pond or lake. When a notice of intent proposes activity on a linear shaped project site longer than 1,000 feet in length, notification shall be given to all abutters within 1,000 feet of the proposed project site. If the linear project site takes place wholly within an easement through another person's land, notice shall also be given to the landowner. Said notification shall be at the applicant's expense, and shall state where copies of the notice of intention may be examined and obtained and where information regarding the date, time and place of the public hearing may be obtained. Proof of such notification, with a copy of the notice mailed or delivered, shall be filed with the conservation commission."

I hereby certify the attached list of abutter (s) as stated in the M.G.L. Chapter 131, Section 40.

Number of Abutter(s) _____ including the subject parcels _____ Applicant Requesting Abutter's List.

Certified by

Name: _____

Title: _____

4 HIGHLAND LN

U19 16 3

LUC: 101

PATHAK ARPITA

PATHAK AMEET

4 HIGHLAND LANE

LITTLETON, MA 01460

250 KING ST

U19 2 0

LUC: 101

DRISCOLL CHARLES

P.O. BOX 416

LITTLETON, MA 01460

257 KING ST

U20 41 0

LUC: 974

LITTLETON TOWN OF

LIGHT & WATER DEPT

PO BOX 1305

LITTLETON, MA 01460

WARREN ST

U36 6 0

LUC: 974

TOWN OF LITTLETON

MUNICIPAL LIGHT DEPARTMENT

39 AYER RD

LITTLETON, MA 01460

242 KING ST

U36 7 0

LUC: 971

TOWN OF LITTLETON WATER DEPT

39 AYER RD

LITTLETON, MA 01460

WARREN ST

U36 8 0

LUC: 932

LITTLETON TOWN OF

CONSERVATION COMMISSION

PO BOX 1305

LITTLETON, MA 01460

Attachment 3: Letter of Agent Authorization



39 AYER ROAD

LITTLETON, MA 01460

LITTLETON
ELECTRIC LIGHT
AND WATER
DEPARTMENT

978-540-2222

June 30, 2025

**Subject: 242 King St, Littleton, MA
Tax Map U-36, Parcel 7**

To Whom It May Concern:

We hereby authorize Goldsmith, Prest & Ringwall, Inc., 39 Main Street, Suite 301, Ayer, MA, 978.772.1590, to act as our agent in administrative and civil engineering matters pertaining to the permitting of the existing dwelling at the subject site. This authorization covers the execution of application forms, presentation of plans and designs, and communication with involved parties.

Respectfully,

A handwritten signature in black ink, appearing to read "David Ketchen".

David Ketchen, Assistant General Manager
Littleton Electric Light and Water Departments
39 Ayer Road
Littleton, MA 01460

**Copy: Goldsmith, Prest & Ringwall, Inc.
File #241114**

Attachment 4: Wetland Field Data Forms

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Littleton Water Dept. __ Prepared by: M. Lofstedt Project Location: Phase 1A Sewer Collection System **Plot 4-1** Wet DEP File: __

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only**
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II**
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number:		Transect Number:	Date of Delineation:
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Trees</u>				
Acer rubrum*	40%	67%	Yes	FAC
Quercus bicolor*	20%	37%	Yes	FACW
<u>Vines</u>				
Toxicodendron radicans*	10%	100%	Yes	FAC
<u>Saplings</u>				
Acer rubrum*	20%	100%	Yes	FAC
<u>Shrubs</u>				
Vaccinium corymbosum*	15%	38%	Yes	FACW
Frangula alnus*	10%	26%	Yes	FAC
Rosa multiflora	10%	26%	Yes	FACU
Lonicera sp.	3%	8%	No	NI
Ostrya virginiana	1%	2%	No	FACU
<u>Herbs</u>				
Symplocarpus foetidus*	40%	56%	Yes	OBL
Impatiens capensis*	30%	42%	Yes	FACW
Ligustrum Sp.	1%	1%	No	FACU

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to

physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 8

Number of dominant non-wetland indicator plants: 1

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

3. Other:

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? **yes** no

title/date:

map number: 51

soil type mapped: **Swansea muck**

hydric soil inclusions: **Very poorly drained soils**

Are field observations consistent with soil survey? **yes** no

Remarks: Altered site, buried histosol

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	0-16"	10YR 2/1 Muck	
B	16-20"	2.5Y 5/1 Sand (organic streaking)	

Remarks:

Conclusion: Is soil hydric? **yes** no

Other Indicators of Hydrology: (check all that apply & describe)

Site Inundated: _____
Depth to free water in observation hole: _____

Depth to soil saturation in observation hole: _at surface _

Water marks: _____

Drift lines: _____

Sediment Deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Vegetation and Hydrology Conclusion

Yes No

Number of wetland indicator plants

\geq # of non-wetland indicator plants

Wetland hydrology present:

Hydric soil present

Other indicators of hydrology present

Sample location is in a BVW

Submit this form with the Request for Determination of Applicability or Notice of Intent.

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Littleton Water Dept. Prepared by: M. Lofstedt Project location: Phase 1A Sewer Collection System, **Plot 4-1 UP** DEP File _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number:		Transect Number:	Date of Delineation:
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants:

Number of dominant non-wetland indicator plants:

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** **no**

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? **yes** **no**
title/date:

map number: **653**

soil type mapped: **Udorthents sandy**

hydric soil inclusions:

Are field observations consistent with soil survey? **yes** **no**

Remarks: Altered site, buried histosol

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color	
---------	-------	--------------	---------------	--

Remarks:

3. Other:

Conclusion: Is soil hydric? **yes** **no**

Other Indicators of Hydrology: (check all that apply & describe)

Site Inundated: _____

Depth to free water in observation hole: _____

Depth to soil saturation in observation hole: _____

Water marks: _____

Drift lines: _____

Sediment Deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded Data (streams, lake, or tidal gauge; aerial photo; other): _____

Vegetation and Hydrology Conclusion

Yes	No
-----	----

Number of wetland indicator plants
 \geq # of non-wetland indicator plants
Wetland hydrology present:

—	<input checked="" type="checkbox"/>
---	-------------------------------------

Hydric soil present

—	<input checked="" type="checkbox"/>
---	-------------------------------------

Other indicators of hydrology present

—	<input checked="" type="checkbox"/>
---	-------------------------------------

Sample location is in a BVW

—	<input checked="" type="checkbox"/>
---	-------------------------------------

Submit this form with the Request for Determination of Applicability or Notice of Intent.

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Littleton Water Dept. Prepared by: M. Lofstedt Project location: Phase 1A Sewer Collection System, **Plot 5-8 Wet** DEP File _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number:		Transect Number:	Date of Delineation:
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Trees</u>				
Acer rubrum*	60%	100%	Yes	FAC
<u>Vines</u>				
Toxicodendron radicans*	5%	100%	Yes	FAC
<u>Saplings</u>				
Acer rubrum*	5%	50%	Yes	FAC
Ulmus americana*	5%	50%	Yes	FAC
<u>Shrubs</u>				
Viburnum recognitum*	15%	45%	Yes	FACW
Acer rubrum*	5%	15%	Yes	FAC
Alnus frangula*	5%	15%	Yes	FAC
Cornus amomum*	5%	15%	Yes	FACW
Rosa multiflora	3%	9%	Yes	FACU
<u>Herbs</u>				
Symplocarpus foetidus*	40%	53%	Yes	OBL
Carex lirida*	25%	38%	Yes	OBL
Impatiens capensis*	10%	27%	Yes	FACW
Onoclea sensibilis	5%	7%	No	FACW

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to

physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 11

Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

3. Other:

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? **yes** no
title/date:

map number: **6A**

soil type mapped: **Scarboro mucky fine sandy loam**
hydric soil inclusions: **Very poorly drained soils**

Are field observations consistent with soil survey? **yes** no

Remarks: Altered site, buried histosol

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	0-16"	10YR 2/1 Muck	
B1	16-17"	2.5Y 3/2 Sand	Organic streaking
B2	17"+	2.5Y 5/1 (Organic streaking)	

Remarks:

Conclusion: Is soil hydric? **yes** no

Other Indicators of Hydrology: (check all that apply & describe)

Site Inundated: _____

Depth to free water in observation hole: _At surface_____

Depth to soil saturation in observation hole: _at surface _____

Water marks: _____

Drift lines: _____

Sediment Deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Vegetation and Hydrology Conclusion

Yes No

Number of wetland indicator plants

\geq # of non-wetland indicator plants

Wetland hydrology present:

Hydric soil present

Other indicators of hydrology present

Sample location is in a BVW

Submit this form with the Request for Determination of Applicability or Notice of Intent.

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Littleton Water Dept. Prepared by: M. Lofstedt Project location: Phase 1A Sewer Collection System, **Plot 5-8 UP** DEP File _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number:		Transect Number:	Date of Delineation:
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*

Maintained Lawn

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants:

Number of dominant non-wetland indicator plants:

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** **no**

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? **yes** **no**

title/date:

map number: **653**

soil type mapped: **Udorthents sandy**

hydric soil inclusions:

Are field observations consistent with soil survey? **yes** **no**

Remarks: Altered site, buried histosol

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color	
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Site Inundated: _____

Depth to free water in observation hole: _____

Depth to soil saturation in observation hole: _____

Water marks: _____

Drift lines: _____

Sediment Deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded Data (streams, lake, or tidal gauge; aerial photo; other): _____

Remarks:

3. Other:

Conclusion: Is soil hydric? **yes** **no**

Other Indicators of Hydrology: (check all that apply & describe)

Vegetation and Hydrology Conclusion

Yes	No
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Number of wetland indicator plants

\geq # of non-wetland indicator plants

Wetland hydrology present:

_____ _____

Hydric soil present

_____ _____

Other indicators of hydrology present

_____ _____

Sample location is in a BVW

_____ _____

Submit this form with the Request for Determination of Applicability or Notice of Intent.

Attachment 5: Stormwater Management Summary
(Submitted as a Separate Document)

Attachment 6: Site Plans

1. 'Notice of Intent – 242 King Street, Littleton, Massachusetts – Site Plan' prepared for LELWD by Goldsmith, Prest & Ringwall, Inc., dated October 2025. Job No.241114.
2. 'Sewage Disposal System – 242 King Street' Prepared for Mark J. Montanari by David E. Ross Associates, Inc. Dated July 2001. Last revised on 10/24/01. Job No. 15491.