

Hartwell Conservation Land Boardwalk

Notice of Intent

Littleton Conservation Department

June 17, 2024

Notice of Intent

Hartwell Conservation Land Boardwalk

An 80-foot boardwalk is proposed along the yellow trail of Hartwell Conservation Land. The boardwalk is proposed to protect the existing bordering vegetated wetland (BVW) resource area from further trampling/compaction. The boardwalk will also serve to provide safety to those walking the Hartwell Conservation Land trail system. This trampled area of trail within the BVW is particularly important to protect due to the presence of priority habitat of rare wildlife species.

The proposed boardwalk will sit on 11, 6"x6"x8' timber sills that will account for 44 sq. feet of surface area. The boardwalk itself will protect and reduce 320 square feet of the existing BVW from trampling/compaction. Taking into account the surface area of the timber sills, this would result in a net protection of 276 sq. ft. of the wetland resource area. Work is proposed to be done by hand to avoid unnecessary wetland impacts. No trees are proposed to be removed. The existing trail cannot be re-routed without directly impacting areas of surrounding BVW. The only alternative to this boardwalk would be a No-Build.

Wetlands were delineated on June 5, 2024 through observation of soils and vegetation. A wetland flag line was established in the area where the boardwalk is proposed.

Attachment A: Forms

Attachment B: Graphics

Attachment C: Plan

Attachment D: Abutter Notification & Affidavit of Service

Attachment A

Forms



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
Littleton Wetlands Protection Bylaw (Chapter 171)

MassDEP File Number

Document Transaction Number

Littleton

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):

Hartwell Conservation Land

a. Street Address

Littleton

b. City/Town

01460

c. Zip Code

Latitude and Longitude:

R17

f. Assessors Map/Plat Number

d. Latitude

e. Longitude

5-1

g. Parcel /Lot Number

2. Applicant:

Amy

a. First Name

Green

b. Last Name

Littleton Conservation Department

c. Organization

37 Shattuck St

d. Street Address

Littleton

e. City/Town

MA

f. State

01460

g. Zip Code

9785402428

h. Phone Number

i. Fax Number

conservation@littletonma.org

j. Email Address

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

a. First Name

b. Last Name

Littleton Conservation Commission

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

c. Company

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

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

Exempt

a. Total Fee Paid

Exempt

b. State Fee Paid

Exempt

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Construction of an 80-foot boardwalk

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:

Middlesex

a. County

39288

c. Book

b. Certificate # (if registered land)

440

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 checked="" type="checkbox"/> Bordering Vegetated Wetland	44 1. square feet	276 (eliminate trampling) 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 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. ☐ Riverfront Area
1. Name of Waterway (if available) - **specify coastal or inland**
2. Width of Riverfront Area (check one):
- ☐ 25 ft. - Designated Densely Developed Areas only
- ☐ 100 ft. - New agricultural projects only
- ☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

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

5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No

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

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



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

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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet _____	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet _____	
h. <input type="checkbox"/> Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet _____	
	2. cubic yards dredged _____	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet _____	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged _____	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet _____	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW _____	b. square feet of Salt Marsh _____
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings _____	b. number of replacement stream crossings _____



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C. Other Applicable Standards and Requirements

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

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

- a. ☒ Yes ☐ No **If yes, include proof of mailing or hand delivery of NOI to:**

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

b. Date of map _____

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

- c. Submit Supplemental Information for Endangered Species Review*

1. ☒ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

44 sq. feet

percentage/acreage

(b) outside Resource Area

0

percentage/acreage

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

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

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

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

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

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



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

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

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

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

- (d) ☐ Vegetation cover type map of site

- (e) ☒ Project plans showing Priority & Estimated Habitat boundaries

- (f) OR Check One of the Following

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

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

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

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

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

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

South Shore - 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)

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

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. ☐ Yes ☒ No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. ☐ Yes ☒ No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. ☐ A portion of the site constitutes redevelopment
 3. ☐ Proprietary BMPs are included in the Stormwater Management System.
- b. ☒ No. Check why the project is exempt:
1. ☐ Single-family house
 2. ☐ Emergency road repair
 3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

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

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

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



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D. Additional Information (cont'd)

3. ☒ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

See material in NOI

a. Plan Title

b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☒ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☐ Attach NOI Wetland Fee Transmittal Form
9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☒ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



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F. Signatures and Submittal Requirements

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

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

Am q
1. Signature of Applicant

6-14-2024
2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

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

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



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NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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A. Applicant Information

1. Location of Project:

Hartwell Conservation Land

Littleton

a. Street Address

b. City/Town

Exempt

Exempt

c. Check number

d. Fee amount

2. Applicant Mailing Address:

Amy

Green

a. First Name

b. Last Name

Littleton Conservation Department

c. Organization

37 Shattuck St

d. Mailing Address

Littleton

MA

01460

e. City/Town

f. State

g. Zip Code

9785402428

Conservation@littletonma.org

h. Phone Number

i. Fax Number

j. Email Address

3. Property Owner (if different):

a. First Name

b. Last Name

Littleton Conservation Commission

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

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

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

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

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



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NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

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

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	<u>Exempt</u> a. Total Fee from Step 5
State share of filing Fee:	<u>Exempt</u> b. 1/2 Total Fee less \$12.50
City/Town share of filling Fee:	<u>Exempt</u> 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.)



Littleton Conservation Commission

37 Shattuck Street / Room 303

Phone: 978 540-2428

Fax: 978 952-2321

Littleton Wetland Protection Regulations

Waiver Request Requirement Information (Section 1.4)

Date: 6/12/2024 Applicant/Owner: Littleton Conservation Department
Map/Lot: R17-5-1 Project Address: Hartwell Conservation Land

In order request a waiver, the following provides a guidance for required information (attach additional text, plans, photos or graphics if needed):

Project purpose and need: Boardwalk for public use and
to avoid trampling of BVW.

What specific action(s) is the Waiver being asked for? Construction of
an 80-foot boardwalk across BVW.

How is the action(s) in the public interest, necessary to avoid a taking, necessary to prevent a safety hazard or water dependent? The current section of trail through
the BVW is being trampled and poses a safety risk to
the public users. A boardwalk will protect the BVW from
further trampling and provide a safe footing for public use.
How is the action(s) consistent with the intent and purpose of the Bylaw?

The boardwalk will allow public use while protecting
the resource area.

Existing and proposed site conditions (ie, impervious, lawn & disturbed areas) (square feet; show on plan): area is wooded and contains BVW.

Existing and proposed distances of land uses from wetland resource areas (show on plan):

0

Analysis of less environmentally damaging practicable alternative: Trail can't be re-routed so the only alternative would be no-build

Proposed short term and long term protection of wetland resource areas: _____

None needed.

Is the site in a Zone I, II or III (groundwater) or Zone A, B or C (surface water) water supply area: No

Are there critical, unique or sensitive resource areas in the area (ie, **NHESP mapped habitat**, **vernal pools**, unusual wetland types, cold water fisheries, outstanding resource waters, Core Habitat, **Conservation land**, etc); show on plan: Yes

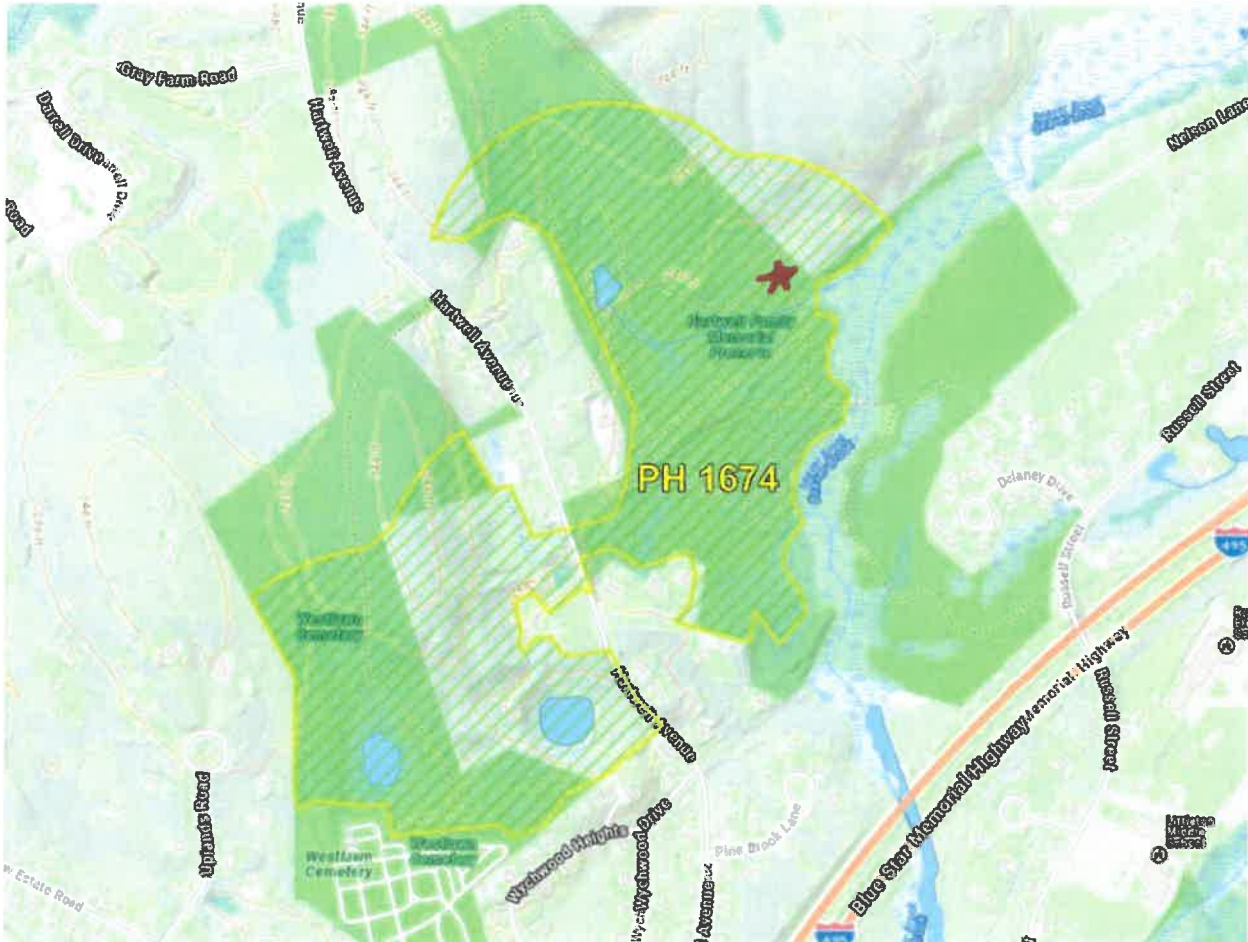
Other factors for consideration: _____

Signature: ayf Project: Hartwell Boardwalk Construction

Attachment B

Graphics

Figure 2. NHESP Map



This topographic map shows the Proctor Hill area. A yellow boundary outlines a specific region. A red star is located within this boundary, near the center-right. The map includes contour lines, roads (Proctor Hill Rd, Gray Farm Rd, Darrell Rd, Pine Brook Ln, Dettmer Dr), and various labeled points (e.g., 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-A, 5-B, 5-C, 5-D, 5-E, 5-F, 5-G, 5-H, 5-I, 5-J, 5-K, 5-L, 5-M, 5-N, 5-O, 5-P, 5-Q, 5-R, 5-S, 5-T, 5-U, 5-V, 5-W, 5-X, 5-Y, 5-Z, 6, 6-1, 6-2, 6-3, 6-4, 6-5, 6-6, 6-7, 6-8, 6-9, 6-10, 6-11, 6-12, 6-13, 6-14, 6-15, 6-16, 6-17, 6-18, 6-19, 6-20, 6-21, 6-22, 6-23, 6-24, 6-25, 6-26, 6-27, 6-28, 6-29, 6-30, 6-31, 6-32, 6-33, 6-34, 6-35, 6-36, 6-37, 6-38, 6-39, 6-40, 6-41, 6-42, 6-43, 6-44, 6-45, 6-46, 6-47, 6-48, 6-49, 6-50, 6-51, 6-52, 6-53, 6-54, 6-55, 6-56, 6-57, 6-58, 6-59, 6-60, 6-61, 6-62, 6-63, 6-64, 6-65, 6-66, 6-67, 6-68, 6-69, 6-70, 6-71, 6-72, 6-73, 6-74, 6-75, 6-76, 6-77, 6-78, 6-79, 6-80, 6-81, 6-82, 6-83, 6-84, 6-85, 6-86, 6-87, 6-88, 6-89, 6-90, 6-91, 6-92, 6-93, 6-94, 6-95, 6-96, 6-97, 6-98, 6-99, 6-100, 6-101, 6-102, 6-103, 6-104, 6-105, 6-106, 6-107, 6-108, 6-109, 6-110, 6-111, 6-112, 6-113, 6-114, 6-115, 6-116, 6-117, 6-118, 6-119, 6-120, 6-121, 6-122, 6-123, 6-124, 6-125, 6-126, 6-127, 6-128, 6-129, 6-130, 6-131, 6-132, 6-133, 6-134, 6-135, 6-136, 6-137, 6-138, 6-139, 6-140, 6-141, 6-142, 6-143, 6-144, 6-145, 6-146, 6-147, 6-148, 6-149, 6-150, 6-151, 6-152, 6-153, 6-154, 6-155, 6-156, 6-157, 6-158, 6-159, 6-160, 6-161, 6-162, 6-163, 6-164, 6-165, 6-166, 6-167, 6-168, 6-169, 6-170, 6-171, 6-172, 6-173, 6-174, 6-175, 6-176, 6-177, 6-178, 6-179, 6-180, 6-181, 6-182, 6-183, 6-184, 6-185, 6-186, 6-187, 6-188, 6-189, 6-190, 6-191, 6-192, 6-193, 6-194, 6-195, 6-196, 6-197, 6-198, 6-199, 6-200, 6-201, 6-202, 6-203, 6-204, 6-205, 6-206, 6-207, 6-208, 6-209, 6-210, 6-211, 6-212, 6-213, 6-214, 6-215, 6-216, 6-217, 6-218, 6-219, 6-220, 6-221, 6-222, 6-223, 6-224, 6-225, 6-226, 6-227, 6-228, 6-229, 6-230, 6-231, 6-232, 6-233, 6-234, 6-235, 6-236, 6-237, 6-238, 6-239, 6-240, 6-241, 6-242, 6-243, 6-244, 6-245, 6-246, 6-247, 6-248, 6-249, 6-250, 6-251, 6-252, 6-253, 6-254, 6-255, 6-256, 6-257, 6-258, 6-259, 6-260, 6-261, 6-262, 6-263, 6-264, 6-265, 6-266, 6-267, 6-268, 6-269, 6-270, 6-271, 6-272, 6-273, 6-274, 6-275, 6-276, 6-277, 6-278, 6-279, 6-280, 6-281, 6-282, 6-283, 6-284, 6-285, 6-286, 6-287, 6-288, 6-289, 6-290, 6-291, 6-292, 6-293, 6-294, 6-295, 6-296, 6-297, 6-298, 6-299, 6-300, 6-301, 6-302, 6-303, 6-304, 6-305, 6-306, 6-307, 6-308, 6-309, 6-310, 6-311, 6-312, 6-313, 6-314, 6-315, 6-316, 6-317, 6-318, 6-319, 6-320, 6-321, 6-322, 6-323, 6-324, 6-325, 6-326, 6-327, 6-328, 6-329, 6-330, 6-331, 6-332, 6-333, 6-334, 6-335, 6-336, 6-337, 6-338, 6-339, 6-340, 6-341, 6-342, 6-343, 6-344, 6-345, 6-346, 6-347, 6-348, 6-349, 6-350, 6-351, 6-352, 6-353, 6-354, 6-355, 6-356, 6-357, 6-358, 6-359, 6-360, 6-361, 6-362, 6-363, 6-364, 6-365, 6-366, 6-367, 6-368, 6-369, 6-370, 6-371, 6-372, 6-373, 6-374, 6-375, 6-376, 6-377, 6-378, 6-379, 6-380, 6-381, 6-382, 6-383, 6-384, 6-385, 6-386, 6-387, 6-388, 6-389, 6-390, 6-391, 6-392, 6-393, 6-394, 6-395, 6-396, 6-397, 6-398, 6-399, 6-400, 6-401, 6-402, 6-403, 6-404, 6-405, 6-406, 6-407, 6-408, 6-409, 6-410, 6-411, 6-412, 6-413, 6-414, 6-415, 6-416, 6-417, 6-418, 6-419, 6-420, 6-421, 6-422, 6-423, 6-424, 6-425, 6-426, 6-427, 6-428, 6-429, 6-430, 6-431, 6-432, 6-433, 6-434, 6-435, 6-436, 6-437, 6-438, 6-439, 6-440, 6-441, 6-442, 6-443, 6-444, 6-445, 6-446, 6-447, 6-448, 6-449, 6-450, 6-451, 6-452, 6-453, 6-454, 6-455, 6-456, 6-457, 6-458, 6-459, 6-460, 6-461, 6-462, 6-463, 6-464, 6-465, 6-466, 6-467, 6-468, 6-469, 6-470, 6-471, 6-472, 6-473, 6-474, 6-475, 6-476, 6-477, 6-478, 6-479, 6-480, 6-481, 6-482, 6-483, 6-484, 6-485, 6-486, 6-487, 6-488, 6-489, 6-490, 6-491, 6-492, 6-493, 6-494, 6-495, 6-496, 6-497, 6-498, 6-499, 6-500, 6-501, 6-502, 6-503, 6-504, 6-505, 6-506, 6-507, 6-508, 6-509, 6-510, 6-511, 6-512, 6-513, 6-514, 6-515, 6-516, 6-517, 6-518, 6-519, 6-520, 6-521, 6-522, 6-523, 6-524, 6-525, 6-526, 6-527, 6-528, 6-529, 6-530, 6-531, 6-532, 6-533, 6-534, 6-535, 6-536, 6-537, 6-538, 6-539, 6-540, 6-541, 6-542, 6-543, 6-544, 6-545, 6-546, 6-547, 6-548, 6-549, 6-550, 6-551, 6-552, 6-553, 6-554, 6-555, 6-556, 6-557, 6-558, 6-559, 6-560, 6-561, 6-562, 6-563, 6-564, 6-565, 6-

Figure 4. Vernal Pools Map

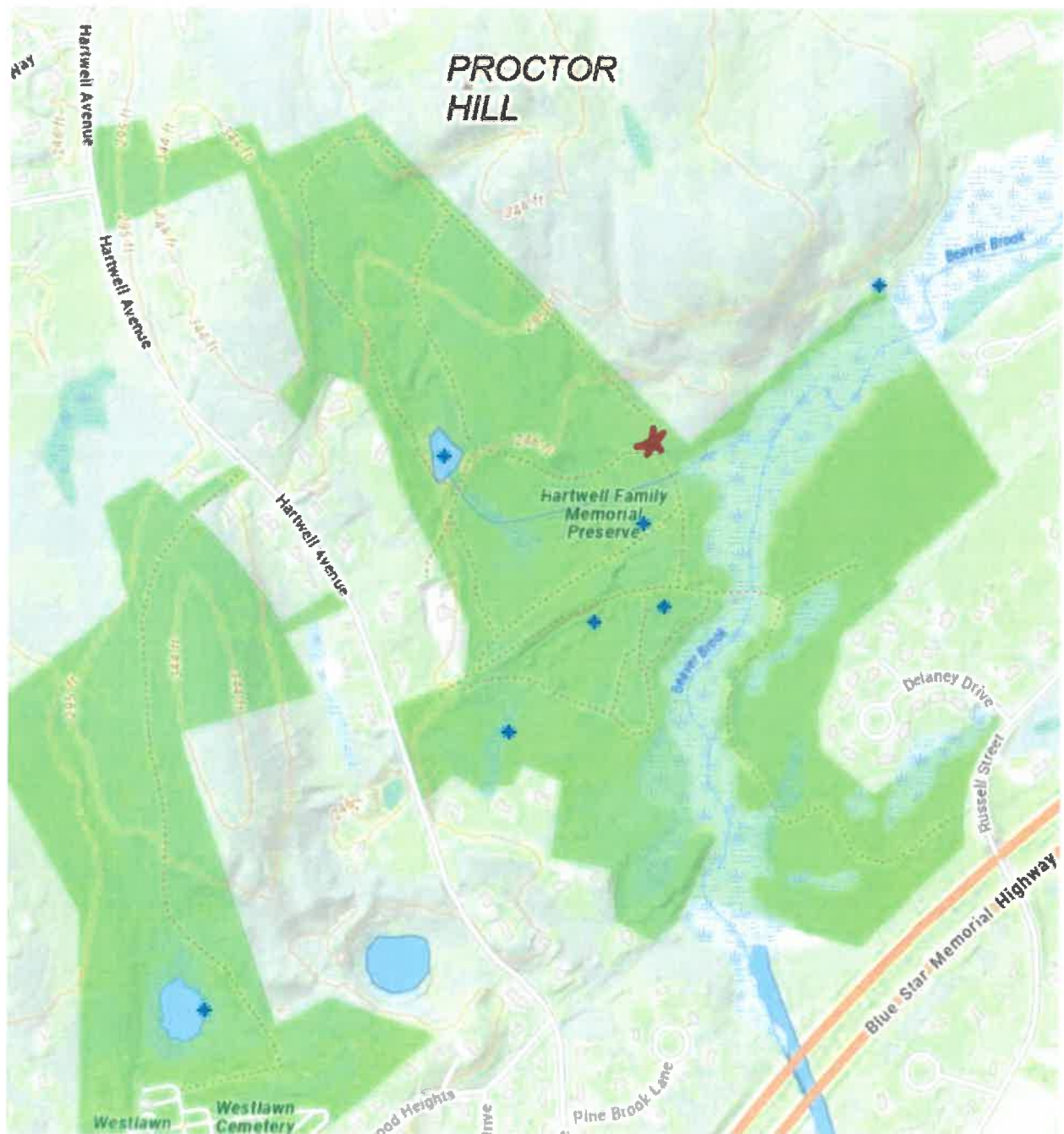
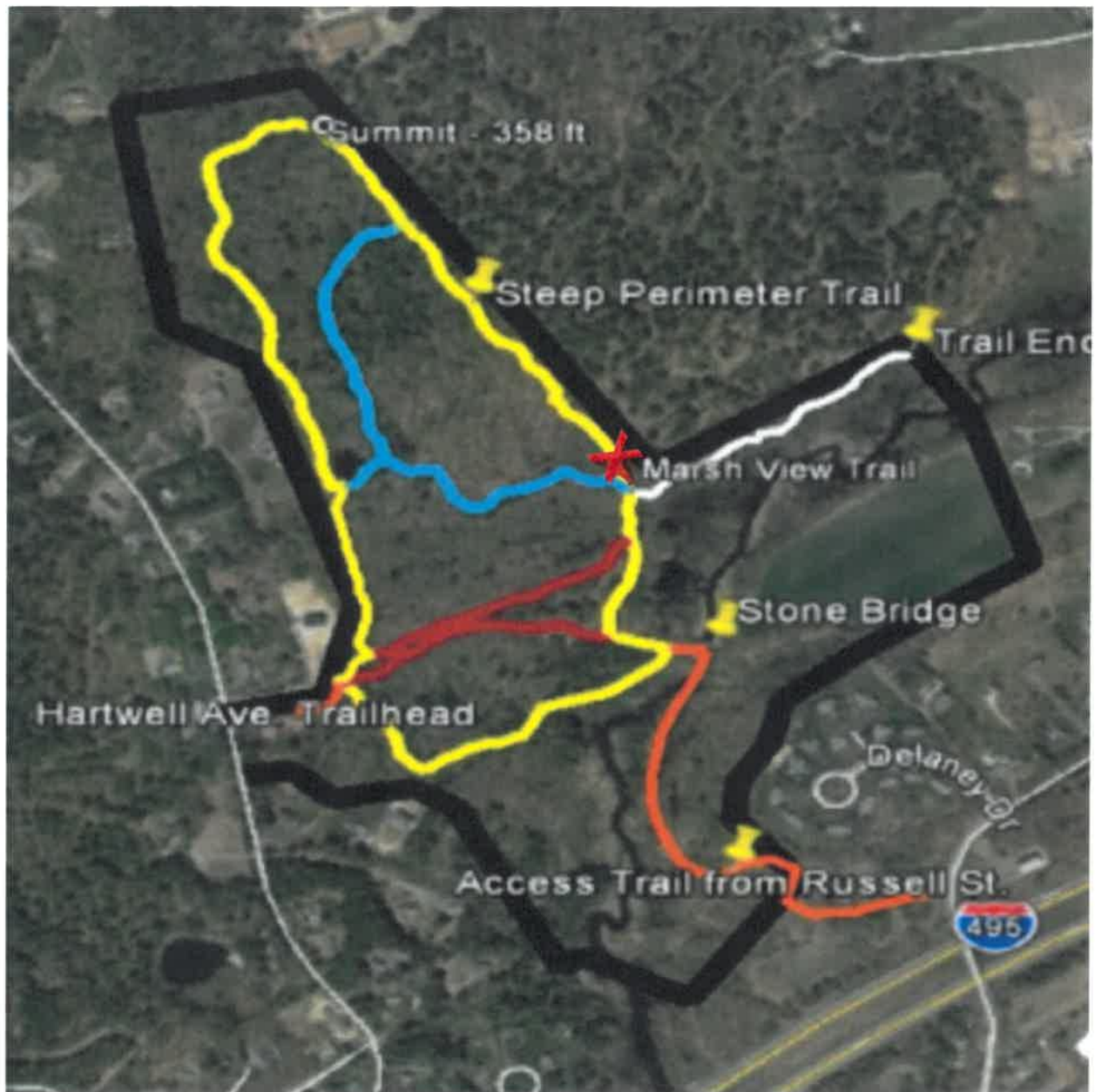


Figure 5. Hartwell Conservation Land Trail Map



Hartwell Conservation Land Trail – Boardwalk Area



Attachment C

Plan

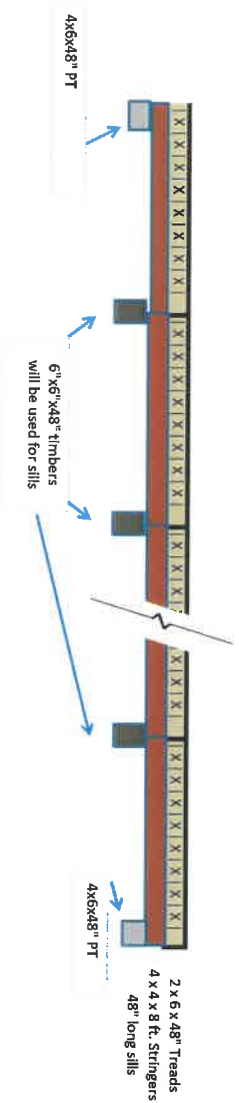
PLANS FOR BOARDWALK at Hartwell_Proctor Hill
Border

GROUND LEVEL VIEW of 80 Foot Boardwalk using 6x6 Timbers for Sills

10 Sections each 8 Feet Long

GROUND LEVEL VIEW of 80 Foot Boardwalk using 6x6 Timbers for Sills

10 Sections each 8 Feet Long



Materials List

				Cost	Total Cost
End Sills	1 each		4x6x8 ft. PT	\$20.00	\$20.00
6"x6"x8 ft. Timbers	10 each		6"x6"x8 ft. PT	\$31.00	\$310.00
Stringers	30 each		4x4x8 ft. PT	\$15.00	\$450.00
Treads	80 each		2x6x8ft. PT	\$8.33	\$666.40
	75 each		5/16"x 6 " GRK screws		\$150.00
	25 lbs.	No. 10x3 1/2" Star Drive Deck screws			\$150.00
					\$1,746.40

Attachment D

Abutter Notification and Affidavit of Service



**TOWN OF LITTLETON
BOARD OF ASSESSORS**

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

Date: May 13, 2024

Re: Certified List of Abutters Conservation Commission

Applicant: Time Pearson

Name of Firm: Town of Littleton Conservation Commission

Mailing Address 37 Shattuck Street, Littleton, Ma 01460

Subject Parcel Location: Hartwell Conservation Land.

Subject Parcel No.: R17 5 1

Subject Owner Name: Town of Littleton Conservation Commission

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) 2 including the subject parcels.

Certified by:


Kathy Miller, Chief Assessor

HARTWELL AV

R17 5 1

LUC: 932

LITTLETON TOWN OF

CONSERVATION COMMISSION

PO BOX 1305

LITTLETON, MA 01460

GREAT RD

R18 12 A

LUC: 038

LINGHAM PATRICIA W

526 GREAT RD

LITTLETON, MA 01460



R17-5-1 (2)
R18-12-A

NOTIFICATION TO ABUTTERS

Pick one:

- ☒ Notice of Intent/Abbreviated NOI
- ☐ Abbreviated Notice of Resource Area Delineation
- ☐ Request for Determination of Applicability
- ☐ Request to Amend an Order of Conditions (MADEP File # 204 _____)

Modification for Virtual Meetings

Under MA Wetlands Protection Act and Littleton Wetlands Protection ByLaw (Chapter 171), this form must be completed and mailed, certified mail return receipt requested, to all abutters at their mailing addresses shown on the most recent Town Assessor's records as well as the owner (if not applicant).

In accordance with the MA Wetlands Protection Act and Littleton Wetlands Protection ByLaw Chapter 171-2D, you are hereby notified of a public hearing on the matter described below:

- A. The applicant has filed a permit application with the Littleton Conservation Commission for work in an area subject to protection under the Massachusetts Wetlands Protection Act and Littleton Wetlands Protection ByLaw.
- B. The name of the applicant is Amy Green
- C. The address of the land where the activity is proposed is Hartwell Conservation Land
- D. The work proposed is construction of an 80-foot boardwalk
- E. Copies of the filing may be examined at the Conservation Commission office at 37 Shattuck Street Monday through Thursday; 9:00 – 1:00 (please call first to ensure the Conservation Agent is available and not out on site visits). The office phone number is 978-540-2428.
- F. Copies of the filing may be obtained electronically from (check one) the ☒ applicant or ☐ the applicant's representative by calling 978-540-2428 during the following times:
Mon - Thurs 9:00am - 1:00pm

- G. The public hearing/meeting will be held on 7/9. Information regarding the date and time of the public hearing/meeting may be obtained from the Littleton Conservation Commission (see contact info at the end of this notice).
- H. Notice of the public hearing/meeting, including date and time will be published at least five business days in advance in a paper of local circulation. The agenda, noting times will be posted at Town Hall and at <https://ma-littleton.civicplus.com/AgendaCenter/Search/?term=&CIDs=13,&startDate=&endDate=&dateRange=&dateSelector=> at least 48 hours in advance of the meeting. It is currently anticipated that this meeting will be held entirely remotely, pursuant to "An Act Relative to Extending Certain State of Emergency Accommodations" (July 16, 2022) and the extension of that Act through March 21, 2025. If the meeting is held remotely, instructions for remote viewing of, and participation in, the meeting will be included in the agenda and may also be obtained from the Littleton Conservation Commission.

You may contact the Littleton Conservation Commission staff (Conservation@littletonma.org; 978-540-2428), or the Massachusetts Department of Environmental Protection/ Central Region (508-792-7650) at 8 New Bond Street, Worcester, MA 01606) for information about this application

9-14-2023

AFFIDAVIT OF SERVICE

Under Massachusetts Wetlands Protection Act and the Littleton Wetlands Protection ByLaw (Chapter 171), this form must be completed and submitted with the Notice of Intent, Abbreviated Notice of Resource Area Delineation or Request for Determination of Applicability.

I, Amy Green (name of applicant or representative) certify under the pains and penalties of perjury that on 6/17/24 (date) I gave notification to abutters in compliance with the second paragraph of the Massachusetts General Laws Chapter 131, Section 40, DEP requirements for Abutter Notification and with the Littleton Wetlands ByLaw 171-2.D in connection with the following matter:

A (choose one of below)

☐ Abbreviated Notice of Resource Area Delineation

☐ Request for Determination of Applicability

☒ Notice of Intent / Abbreviated Notice of Intent

☐ Request for Amended Order of Conditions (MADEP File # 204-_____)

has been filed under the Massachusetts Wetlands Protection Act and Littleton Wetlands Protection ByLaw by Amy Green (name of applicant) with the Littleton Conservation Commission on 6/17/24 (date) for the property located at Hartwell Conservation land (address of land where work is proposed).

The list of abutters with their addresses and a copy of the Notification Abutter form as sent to the abutters is attached to this Affidavit of Service.

Amy Green

Name

6/17/24

Date