



**NOTICE OF PUBLIC HEARING
SUDBURY CONSERVATION COMMISSION
Monday, January 22, 2024 at 7:00 PM
Virtual Meeting**

The Sudbury Conservation Commission will hold a public hearing to review the Notice of Intent filing to construct an addition and deck within the 100-foot Buffer Zone and 200-foot Riverfront Area, pursuant to the Wetlands Protection Act and Sudbury Wetlands Administration Bylaw, at 6 Old Coach Road, Sudbury, MA. Julie Dereshinsky, Applicant. The hearing will be held on Monday, January 22, 2024 at 7:00 pm, via remote participation.

Please see the Conservation Commission web page for further information.

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-january-22-2024/>

SUDBURY CONSERVATION COMMISSION
1/3/24

Stamski and McNary, Inc.

Engineering - Planning – Surveying

1000 Main Street Acton, MA 01720 (978) 263-8585

www.stamskiandmcnary.com

Notice of Intent

Under the Massachusetts Wetland Protection Act,
M.G.L. c. 131, s. 40
Town of Sudbury Wetlands Administration Bylaw

for

**6 Old Coach Road
Map D08 Parcel 0122
Sudbury, MA 01776**

Applicant: Julie Dereshinsky
6 Old Coach Road
Sudbury, MA 01776

Date: January 2, 2023

SM-7367

Table of Contents

Project Narrative

WPA Form 3 – Notice of Intent

Certified List of Abutters / Affidavit / Notice to Abutters

Attachments:

A. U.S.G.S. Locus Map

B. Priority Habitat Map

C. FEMA Map

D. Wetland Delineation Sheets

E. Wetland Permitting Plan by Stamski and McNary, Inc.

Project Narrative

Project Narrative

Existing Conditions

The site consists of a 1.0 +/- acre lot, 6 Old Coach Road. The lot contains a single-family home, detached garage connected to the dwelling by a deck, a brick walkway, and a gravel path and seating area in the backyard. There is a Bordering Vegetated Wetlands associated with a perennial stream on site.

Project Description

The purpose of this project is to construct an addition to the house that connects the detached garage to the main house. The main area of work for this addition is where the deck and walkway exist now. Additionally, areas of walkway and the gravel path to the seating area are proposed to be removed. A native planting area/pollinator garden is also proposed near the gravel seating area that is to remain in the backyard.

The project requires a notice of intent filing since the work proposed is inside the 100 foot buffer zone and 200 foot Riverfront Area. There will be a siltation barrier down gradient of the proposed work.

Resource Area Descriptions

The resource area is a Bordering Vegetated Wetland (BVW) and Riverfront Area. The BVW and Mean Annual High Water Line (MAHW) were delineated by B&C Associates. (see attached Delineation sheets).

Work within the 100-foot Buffer Zone:

At their closest points, the proposed addition is 117.1' +/- from the MAHW and 60.6 +/- from the BVW. At these closest points, the area is already existing deck. No vegetation is proposed to be removed besides a planted lilac shrub in the landscape bed directly in front of the house.

Compliance with General Performance Standards for BVW 310 CMR 10.55(4)(a-e):

The General Performance Standards for a Bordering Vegetated Wetland have been met since the proposed activity does not involve removing, filling, dredging, or altering of a BVW. The proposed siltation controls will prevent indirect alteration of wetlands during construction.

Compliance with General Performance Standard for the Riverfront Area 310 CMR 10.58(4):

All work within the Riverfront Area is in previously disturbed areas from when the single-family lot was built. The only work proposed in the 100-foot inner riparian zone is the installation of siltation barrier to allow construction vehicles access to the backyard. The proposed structure is only within the outer 100' of the Riverfront Area. Siltation controls are proposed to protect this resource area.

There is no practicable and substantially equivalent economic alternative to the proposed project with less adverse effects on the interests identified in M.G.L. c. 131 § 40 and the work will have no significant adverse impact on the riverfront area to protect interests identified in M.G.L. c 131 § 40.

(a) Protection of Other Resource Areas.

The work within the 100' Buffer Zone of a Bordering Vegetated Wetland and the Riverfront Area is all located within a previously developed area.

(b) Protection of Rare Species.

The site is not located in a Priority or Estimated Habitat of Rare Species.

(c) Practicable and Substantially Equivalent Economic Alternatives.

There is no practicable and substantially equivalent economic alternative to the proposed project with less adverse effects on the interests identified in M.G.L. c. 131 § 40.

Alternative Analysis

Project Purpose

The purpose of this project within the Riverfront Area is to construct an addition to the dwelling while adhering to the General Performance Standards 310 CMR 10.58.

Alternative 1 – Propose the addition farther from the river off the north side of the house. This would push the addition into a wooded area, require a replacement septic system since the existing one would be too close to the addition, and overall require more earthwork.

Alternative 2 – Propose the addition in the location shown on the Wetland Permitting Plan.

Alternative Analysis Conclusions - The preferred Alternative 2 allows the applicant to pursue their full interests in the project. This also avoids disturbance of existing vegetation and allows to replace a deck with house instead of replacing open space/woods with house. The construction activities proposed will not have a significant adverse impact to the Riverfront Area which is already a developed single-family lot.

CMR 10.58 (5) Redevelopment Within Previously Developed Riverfront Areas; Restoration and Mitigation

Notwithstanding the provisions of 310 CMR 10.58(4)(c) and (d), the issuing authority may allow work to redevelop previously developed riverfront area, provided the proposed work improves existing conditions:

- a. At a minimum, proposed work shall result in an improvement over existing conditions of the capacity of the riverfront area to protect the interests identified in M.G.L. c. 131 § 40. When a lot is previously developed but no portion of the riverfront area is degraded, the requirements of 310 CMR 10.58(4) shall be met.*

The total impervious surfaces within the riverfront area will be decreased with the removal of the gravel path and extraneous brick walkway, which are a larger square footage than the net increase in addition. Additionally, an area of lawn in the backyard directly adjacent to the wetland is proposed as a native planting area. The decrease in

the total area of permanent alteration within the Riverfront and the conversion of lawn to native plantings will result in a net benefit to resource area values.

- b. Stormwater management is provided according to standards established by the department.*

This project is not subject to the Massachusetts Stormwater Management Standards as it is a single-family dwelling. Nonetheless, the decrease in impervious surfaces will decrease the volume and rate of stormwater leaving the site.

- c. Within 200 foot riverfront areas, proposed work shall not be located closer to the river than existing conditions or 100 feet, whichever is less, or not closer than existing conditions within 25 foot riverfront areas, except in accordance with 310 CMR 10.58(5)(f) or (g).*

The proposed addition to the dwelling is between the existing detached garage and dwelling and will be no closer to the MAHW than the existing garage. The addition is proposed greater than 100' from the MAHW.

- d. Proposed work, including expansion of existing structures, shall be located outside the riverfront area or toward the riverfront area boundary and away from the river, except in accordance with 310 CMR 10.58(5)(f) or (g).*

Proposing the addition off the northern side of the dwelling, the farthest part of the existing structure from the MAHW, would result in the need for vegetation removal and more earthwork, and would still be within the Riverfront Area.

- e. The area of proposed work shall not exceed the amount of degraded area, provided that the proposed work may alter up to 10% if the degraded area is less than 10% of the riverfront area, except in accordance with 10.58(5)(f) or (g).*

All proposed work is within previously degraded areas (the small area of deck and walkway between the detached garage and the dwelling). Only approximately 604 sf of alteration is proposed, which includes the removal of the gravel path and extraneous portions of the front walkway and the conversion of lawn to native plantings.

- f. When an applicant proposes restoration on-site of degraded riverfront area, alteration may be allowed notwithstanding the criteria of 310 CMR 10.58(5)©, (d), and (e) at a ratio in square feet of at least 1:1 or restored area to area of alteration not conforming to the criteria. Areas immediately along the river shall be selected for restoration. Alteration not conforming to the criteria shall begin at the riverfront area boundary. Restoration shall include:*

- 1. Removal of all debris, but retaining any trees or other mature vegetation;*

An area of lawn approximately 448 square feet is proposed to be replaced with native plantings. No vegetation is proposed to be removed besides a non-native lilac shrub in

the front landscape bed.

2. *Grading to a topography which reduces runoff and increases infiltration;*

No grade change is proposed, but the native plantings will reduce runoff and increase infiltration compared to a manicured lawn.

3. *Coverage by topsoil at a depth consistent with natural conditions at the site; and*

The existing topsoil on site should be sufficient for the native plantings.

4. *Seeding and planting with an erosion control seed mixture, followed by plantings of herbaceous and woody species appropriate to the site.*

The proposed plantings include native shrubs and perennials.

- g. *When an applicant proposes mitigation either on-site or in the riverfront area within the same general area of the river basin, alteration may be allowed notwithstanding the criteria of 310 CMR 10.58(5)(c), (d), or (e) at a ratio in square feet of at least 2:1 of mitigation area to area of alteration not conforming to the criteria or an equivalent level of environmental protection where square footage is not a relevant measure. Alteration not conforming to the criteria shall begin at the riverfront area boundary. Mitigation may include off-site restoration of riverfront areas, conservation restrictions under M.G.L. c. 184, §§ 31 through 33 to preserve undisturbed riverfront areas that could be otherwise altered under 310 CMR 10.00, the purchase of development rights within the riverfront area, the restoration of bordering vegetated wetland, projects to remedy an existing adverse impact on the interests identified in M.G.L. c. 131, § 40 for which the applicant is not legally responsible, or similar activities undertaken voluntarily by the applicant which will support a determination by the issuing authority of no significant adverse impact. Preference shall be given to potential mitigation projects, if any, identified in a River Basin Plan approved by the Secretary of the Executive Office of Energy and Environmental Affairs.*

The project includes native plantings even though there is a decrease in impervious surfaces proposed. The native planting area (448 sf) plus the gravel path removal (102 sf) plus the extraneous portions of the front walkway removal (83 sf) compensate for the net increase in impervious from the addition (124 sf).

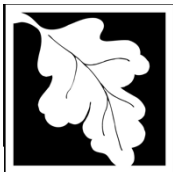
Compliance with Town of Sudbury Article XXII Wetlands Administration and Wetlands Administration Bylaw Regulations:

The proposed activity will not decrease the existing lot's capacity to support wildlife. The structure proposed is between two existing structures near each other and connected by a deck. The removal of extra impervious surfaces, and the conversion of a portion of lawn to native plantings will result in a net improvement to wildlife habitat and stormwater runoff.

Summary:

The project has been designed to meet the performance standards of the Wetland Protection Act. The project has also been designed to meet the Wetlands Bylaw. Erosion controls have been proposed to protect wetland resource areas during construction.

WPA Form 3 – Notice of Intent



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number
Document Transaction Number
Sudbury
City/Town

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
 Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

<u>6 Old Coach Road</u>	<u>Sudbury</u>	<u>01776</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>D08</u>	<u>42.41108</u>	<u>-71.41643</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>0122</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>Julie</u>	<u>Dereshinsky</u>	
a. First Name	b. Last Name	
c. Organization		
<u>6 Old Coach Road</u>		
d. Street Address		
<u>Sudbury</u>	<u>MA</u>	<u>01776</u>
e. City/Town	f. State	g. Zip Code
<u>339-234-2606</u>	<u>julianne248@gmail.com</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

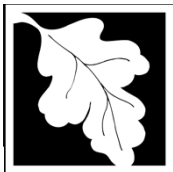
_____	_____	
a. First Name	b. Last Name	
c. Organization		
d. Street Address		
_____	_____	_____
e. City/Town	f. State	g. Zip Code
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Daniel</u>	<u>Carr</u>	
a. First Name	b. Last Name	
<u>Stamski and McNary, Inc.</u>		
c. Company		
<u>1000 Main Street</u>		
d. Street Address		
<u>Acton</u>	<u>MA</u>	<u>01720</u>
e. City/Town	f. State	g. Zip Code
<u>978-263-8585 X214</u>	<u>djc@stamskiandmcnary.com</u>	
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$165</u>	<u>\$70</u>	<u>\$95 (plus \$25 Bylaw fee)</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

A. General Information (continued)

6. General Project Description:

The purpose of this project is to construct an addition to connect the existing detached garage and dwelling. A gravel walkway and portions of a brick walkway are proposed to be removed, and a pollinator garden is proposed.

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

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

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

- 1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Middlesex South

a. County

75938

c. Book

b. Certificate # (if registered land)

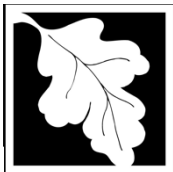
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d. Page Number

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

- 1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Sudbury
City/Town

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

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

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced

f. Riverfront Area Pantry Brook
 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: 36,758
square feet

4. Proposed alteration of the Riverfront Area:

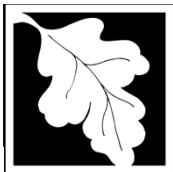
<u>604</u>	<u>0</u>	<u>604</u>
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

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

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

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

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Sudbury
City/Town

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

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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

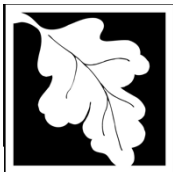
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	

4. Restoration/Enhancement
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

_____	_____
a. square feet of BVW	b. square feet of Salt Marsh

5. Project Involves Stream Crossings

_____	_____
a. number of new stream crossings	b. number of replacement stream crossings



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

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**

August 1, 2021
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*

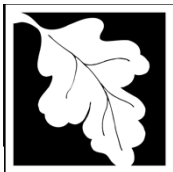
1. Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
2. Assessor's Map or right-of-way plan of site

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/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.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Sudbury
City/Town

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

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

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

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

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

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

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

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

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

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

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

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

North Shore - Hull to New Hampshire border:

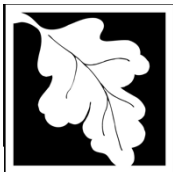
Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

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

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

c. Is this an aquaculture project? d. Yes No

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



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

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

- 4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
 a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
 b. ACEC

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

D. Additional Information

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

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

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

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

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.

Wetland Permitting Plan

a. Plan Title

Stamski and McNary, Inc.

b. Prepared By

January 2, 2024

d. Final Revision Date

George Dimakarakos

c. Signed and Stamped by

1" = 20'

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:

221

2. Municipal Check Number

219

4. State Check Number

James

6. Payor name on check: First Name

1/2/24

3. Check date

1/2/24

5. Check date

Dereshinsky

7. Payor name on check: Last Name



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

MassDEP File Number _____

Document Transaction Number _____

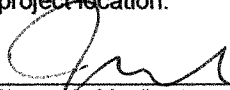
Sudbury

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

2. Date 1/2/24

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:

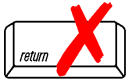
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

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.



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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

6 Old Coach Road	Sudbury
a. Street Address	b. City/Town
219	\$70.00
c. Check number	d. Fee amount

2. Applicant Mailing Address:

Julie	Dereshinsky	
a. First Name	b. Last Name	
c. Organization		
6 Old Coach Road		
d. Mailing Address		
Sudbury	MA	01776
e. City/Town	f. State	g. Zip Code
339-234-2606	julianne248@gmail.com	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

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

B. Fees

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

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

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

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

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

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

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

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



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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Addition to single family home	1	\$110 X 1.5	\$165
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Step 5/Total Project Fee:			\$165

Step 6/Fee Payments:

Total Project Fee:	\$165
State share of filing Fee:	\$70
City/Town share of filing Fee:	\$95 (+ \$25 bylaw fee)
	a. Total Fee from Step 5
	b. 1/2 Total Fee less \$12.50
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Certified List of Abutters / Affidavit / Notice to Abutters

Abutters List

Date: December 28, 2023

print this list

Subject Property Address: 6 OLD COACH RD Sudbury, MA
Subject Property ID: D08-0122

Search Distance: 100 Feet

Owner: RYAN JOHN P & YONGMEI
Co-Owner:
Prop ID: D08-0120
Prop Location: 17 OLD COACH RD Sudbury, MA
Mailing Address:

17 OLD COACH RD
SUDBURY, MA 01776

Owner: BUTLER JOHN J & JUDY L TRS
Co-Owner: BUTLER 2021 FUNDING TRUST
Prop ID: D08-0121
Prop Location: 7 OLD COACH RD Sudbury, MA
Mailing Address:

7 OLD COACH RD
SUDBURY, MA 01776

Owner: WEINTRAUB LESLIE D TRS
Co-Owner: LESLIE D WEINTRAUB REVOCABLE
Prop ID: D08-0123
Prop Location: 14 OLD COACH RD Sudbury, MA
Mailing Address:

14 OLD COACH RD
SUDBURY, MA 01776

Owner: ERTEL DANNY & REYNOLDS SARAH J
Co-Owner:
Prop ID: D09-0200
Prop Location: 265 MARLBORO RD Sudbury, MA
Mailing Address:

265 MARLBORO ROAD
SUDBURY, MA 01776

TOWN OF SUDBURY
BOARD OF ASSESSORS
278 OLD SUDBURY ROAD
SUDBURY, MA 01776

*Verified Owners:
December 28, 2023*

JANN J. (LISH)

AFFIDAVIT OF SERVICES

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

I, _____, hereby certify under the pains and penalties of perjury that on _____ I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, in connection with the following matter:

A Waiver Request filed under the Massachusetts Wetlands Protection Act by Julie Dereshinsky with the Sudbury Conservation Commission on _____ for the property located at 6 Old Coach Road, Sudbury, MA 01776; Map D08, Parcel 0122.

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

Name:

Date:

Notification to Abutters
Under the Massachusetts Wetlands Protection Act
and the Sudbury Wetlands Administrative Bylaw

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

- A. The name of the **Applicant** is Julie Dereshinsky
- B. The Applicant has filed a Notice of Intent with the Sudbury Conservation Commission seeking permission to work in an Area Subject to Protection (Wetland Resource Area and/or Buffer Zone) under the Massachusetts Wetlands Protection Act (General Laws Chapter 131, Sec.40) and the Town of Sudbury Wetlands Administrative Bylaw.
- C. The **address** of the lot where the activity is proposed: 6 Old Coach Road, Sudbury, MA 01776
- D. The **proposed activity** is: to construct an addition connecting the existing single family home with the existing detached garage within 100' of the wetland and withing 200' of the river.
-
- E. A **Public Hearing** regarding this Notice of Intent will be held on:
Monday, January 22, 2024 at 6:45 PM.
- F. **Public Participation will be via Virtual Means Only** - In light of the ongoing COVID-19 coronavirus outbreak, Governor Baker issued an emergency Order on March 12, 2020, allowing public bodies greater flexibility in utilizing technology in the conduct of meetings under the Open Meeting Law. The Town of Sudbury Conservation Commission greatly values the participation of its citizens in the public meeting process, but given the current circumstances and recommendations at both the state and federal levels to limit or avoid public gatherings, including Governor Baker's ban on gatherings of more than 10 people, together with the present closure of Sudbury Town Hall and other public buildings to the public, the Town has decided to implement the "remote participation" procedures allowed under Governor Baker's emergency Order for all boards, committees, and commissions.
- G The public may participate in this meeting via Remote Participation:**
- From your computer, smart phone or tablet:
- <https://zoom.us/j/98803339162>
 - Meeting ID: 988 0333 9162
 - From your phone: 978-639-3366 or 470-250-9358
- H Copies of the Notice of Intent may be examined by visiting this Website:
<https://sudbury.ma.us/conservationcommission/meetings/>
- I. Copies of the Notice of Intent may be obtained from either The Applicant, or the Applicant's representative Stamski & McNary, Inc., by calling this telephone number: 978-263-8585 between the hours of 7:30 am - 4 pm

Note: Public Hearing Notice, including its date, time, and place, will be published at least 5 days in advance in the MetroWest newspaper (at the applicant's expense).

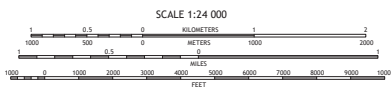
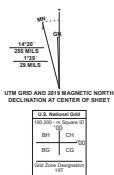
U.S.G.S. Locus Map



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1 000-meter grid/contour interval Transverse Mercator, Zone 19T
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery:.....NAP, July 2016 - September 2016
Roads:.....U.S. Census Bureau, 2016
Names:.....National Hydrography Dataset, 2004
Contours:.....National Elevation Dataset, 2012
Boundaries:.....Multiple sources; see metadata file 2016 - 2017

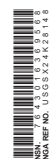
Wetlands:.....FWS National Wetlands Inventory 1992 - 1995



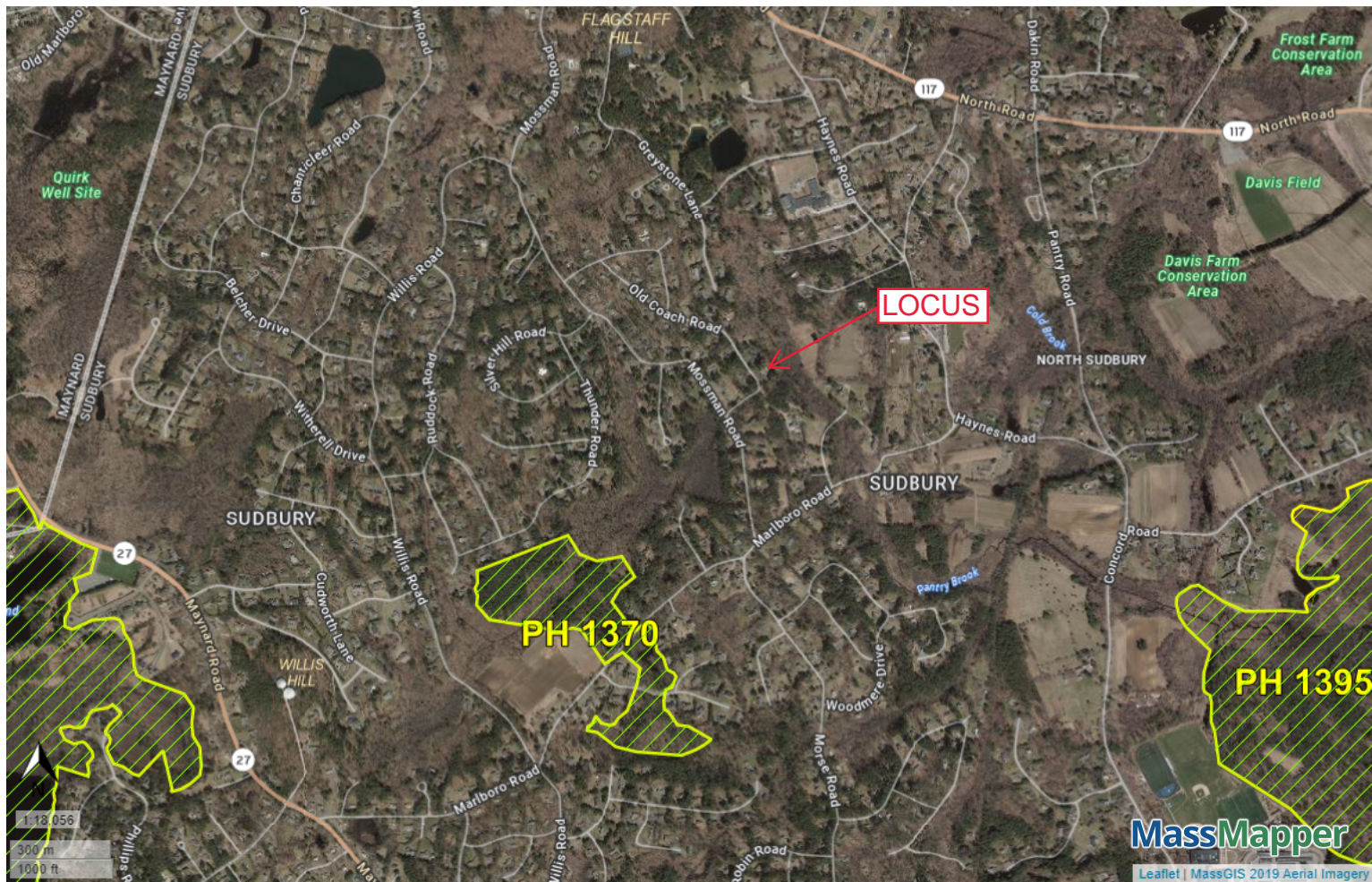
1	2	3
4	5	6
7	8	9

ABSOLUTE QUADRANGLES

MAYNARD, MA
2021



Priority Habitat Map



NHESP Estimated Habitats of Rare Wildlife



NHESP Priority Habitats of Rare Species



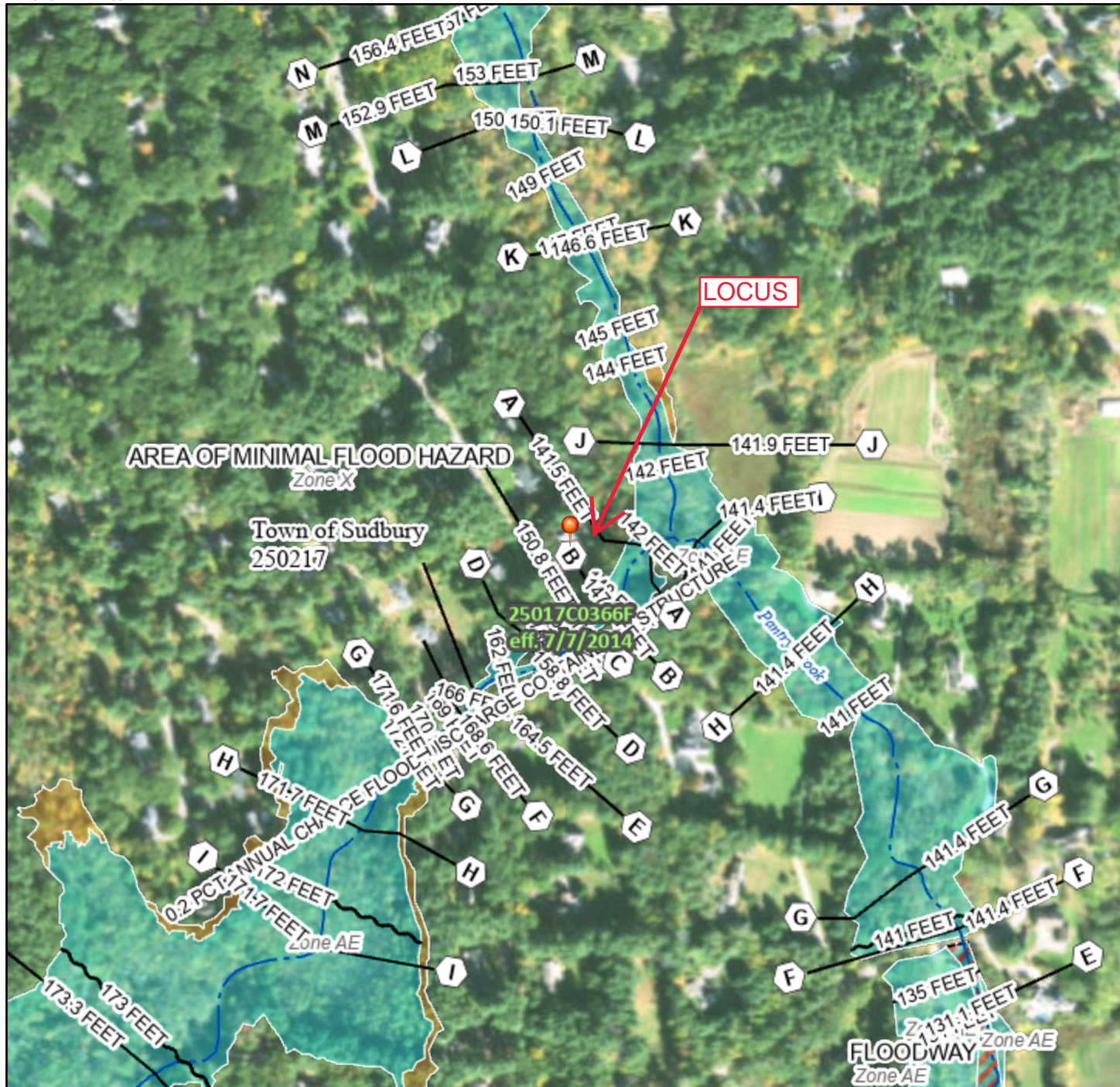
Map Features for Imagery

FEMA Map

National Flood Hazard Layer FIRMette



71°25'18"W 42°24'53"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- MAP PANELS**
 - 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 **12/28/2023 at 11:55 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

0 250 500 1,000 1,500 2,000 Feet

1:6,000

71°24'41"W 42°24'27"N

Basemap Imagery Source: USGS National Map 2023

Wetland Delineation Sheets

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: _____ City/Town: _____ Sampling Date: _____

Applicant/Owner: _____ Sampling Point or Zone: _____

Investigator(s): _____ Latitude/Longitude: _____

Soil Map Unit Name: _____ NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____
Hydric Soils criterion met?	Yes _____ No _____	
Wetlands hydrology present?	Yes _____ No _____	
Remarks, Photo Details, Flagging, etc.:		

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes _____ No _____	Depth (inches) _____
Water Table Present?	Yes _____ No _____	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes _____ No _____	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
<input type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

Sampling Point _____

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Red Maple				
2.	White Pine				
3.					
4.					
5.					
6.					
7.					
8.					
9.					
_____ = Total Cover					
<u>Shrub/Sapling Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Black Cherry				
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
_____ = Total Cover					
<u>Herb Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Upland Grasses				
2.	Sensitive Fern				
3.	Swamp Dewberry				
4.	Barnyard Grass				
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
_____ = Total Cover					

VEGETATION – continued.

<u>Woody Vine Stratum</u>		Plot size _____		Indicator	Absolute	Dominant?	Wetland
				Status	% Cover	(yes/no)	Indicator?
Common name		Scientific name					(yes/no)
1.	Poison Ivy						
2.							
3.							
4.							
				_____ = Total Cover			

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?		Yes _____ No _____
<u>Dominance Test:</u>	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes _____ No _____
<u>Prevalence Index:</u>		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	=
	FACW species		X 2	=
	FAC species		X 3	=
	FACU species		X 4	=
	UPL species		X 5	=
	Column Totals	(A)		(B)
	Prevalence Index	B/A =		Is the Prevalence Index ≤ 3.0? Yes _____ No _____
Wetland vegetation criterion met?		Yes _____ No _____		

Definitions of Vegetation Strata

- Tree - Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub/Sapling - Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines - All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Location ²		

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains ²Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators (Check all that apply)		Indicators for Problematic Hydric Soils
___ Histosol (A1)	___ Sandy Redox (S5)	___ 2 cm Muck (A10)
___ Histic Epipedon (A2)	___ Stripped Matrix (S6)	___ 5 cm Mucky Peat or Peat (S3)
___ Black Histic (A3)	___ Polyvalue Below Surface (S8)	___ Dark Surface (S7)
___ Hydrogen Sulfide (A4)	___ Thin Dark Surface (S9)	___ Polyvalue Below Surface (S8)
___ Stratified Layers (A5)	___ Loamy Mucky Mineral (F1)	___ Thin Dark Surface (S9)
___ Depleted Below Dark Surface (A11)	___ Loamy Gleyed Matrix (F2)	___ Iron-Manganese Masses (F12)
___ Thick Dark Surface (A12)	___ Depleted Matrix (F3)	___ Mesic Spodic (A17)
___ Sandy Mucky Mineral (S1)	___ Redox Dark Surface (F7)	___ Red Parent Material (F21)
___ Sandy Gleyed Matrix (S4)	___ Depleted Dark Surface (F8)	___ Very Shallow Dark Surface (TF12)
___ Dark Surface (S7)		___ Other (Include Explanation in Remarks)

Restrictive Layer (if observed) Type: _____ Depth (inches): _____

Remarks:

Hydric Soils criterion met? Yes _____ No _____

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: _____ City/Town: _____ Sampling Date: _____

Applicant/Owner: _____ Sampling Point or Zone: _____

Investigator(s): _____ Latitude/Longitude: _____

Soil Map Unit Name: _____ NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____
Hydric Soils criterion met?	Yes _____ No _____	
Wetlands hydrology present?	Yes _____ No _____	
Remarks, Photo Details, Flagging, etc.:		

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes _____ No _____	Depth (inches) _____
Water Table Present?	Yes _____ No _____	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes _____ No _____	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
<input checked="" type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

Sampling Point _____

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name				
1. Red Maple					
2. Red Oak					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
_____ = Total Cover					
<u>Shrub/Sapling Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name				
1. Spicebush					
2. European Buckthorn					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
_____ = Total Cover					
<u>Herb Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name				
1. Skunk Cabbage					
2. Spinulose Woodfern					
3. Cinnamon Fern					
4. Woodbine					
5. Upright Woodsorrel					
6. Jewelweed					
7. Fireweed					
8. Upland Grasses					
9.					
10.					
11.					
12.					
_____ = Total Cover					

VEGETATION – continued.

<u>Woody Vine Stratum</u>		Plot size _____			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Poison Ivy				
2.	New England Grape				
3.					
4.					
_____ = Total Cover					

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?		Yes _____ No _____
<u>Dominance Test:</u>	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes _____ No _____
<u>Prevalence Index:</u>		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	=
	FACW species		X 2	=
	FAC species		X 3	=
	FACU species		X 4	=
	UPL species		X 5	=
	Column Totals	(A)		(B)
Prevalence Index		B/A =		Is the Prevalence Index ≤ 3.0? Yes _____ No _____
Wetland vegetation criterion met?		Yes _____ No _____		

Definitions of Vegetation Strata

- Tree - Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub/Sapling - Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines - All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Location ²		

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains ²Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators (Check all that apply)		Indicators for Problematic Hydric Soils
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 2 cm Muck (A10)
<input checked="" type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> Dark Surface (S7)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> Polyvalue Below Surface (S8)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Thin Dark Surface (S9)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)
<input checked="" type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Redox Dark Surface (F7)	<input type="checkbox"/> Red Parent Material (F21)
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Depleted Dark Surface (F8)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)
<input type="checkbox"/> Dark Surface (S7)	<input type="checkbox"/> Other (Include Explanation in Remarks)	

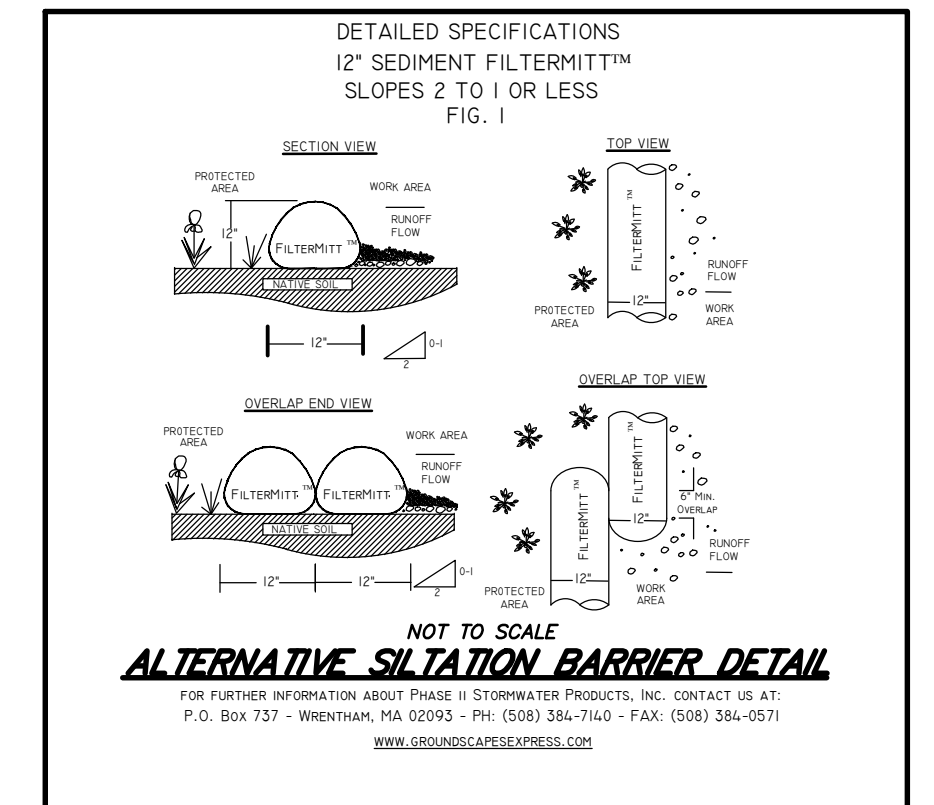
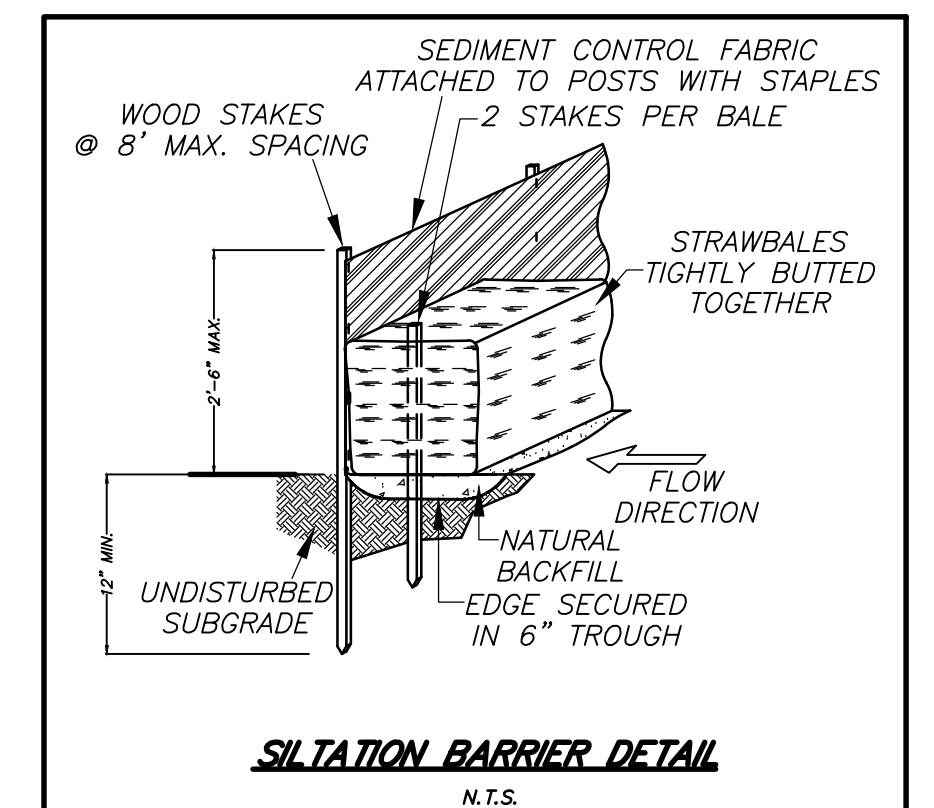
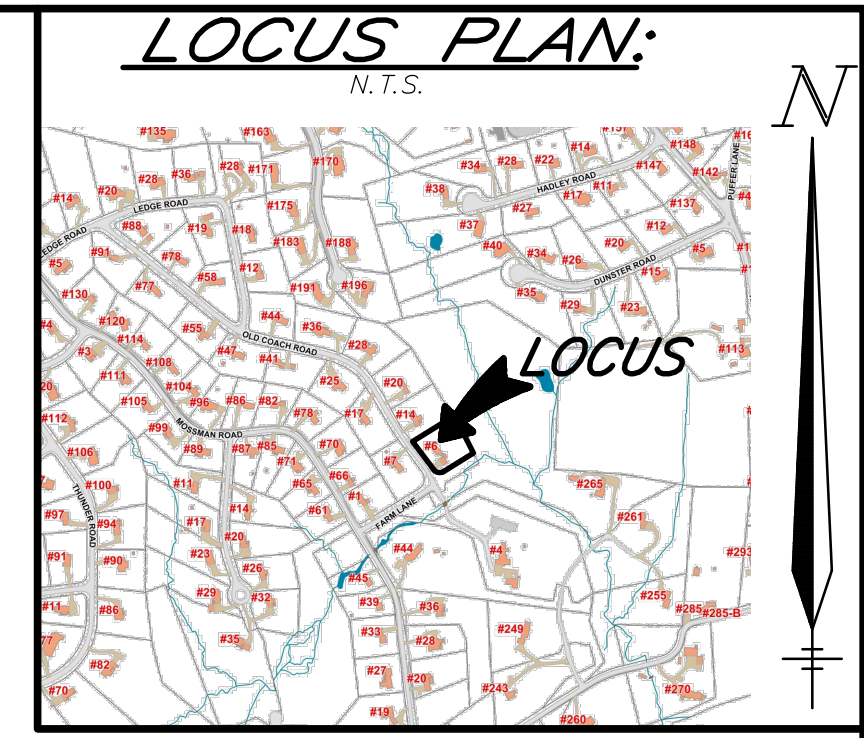
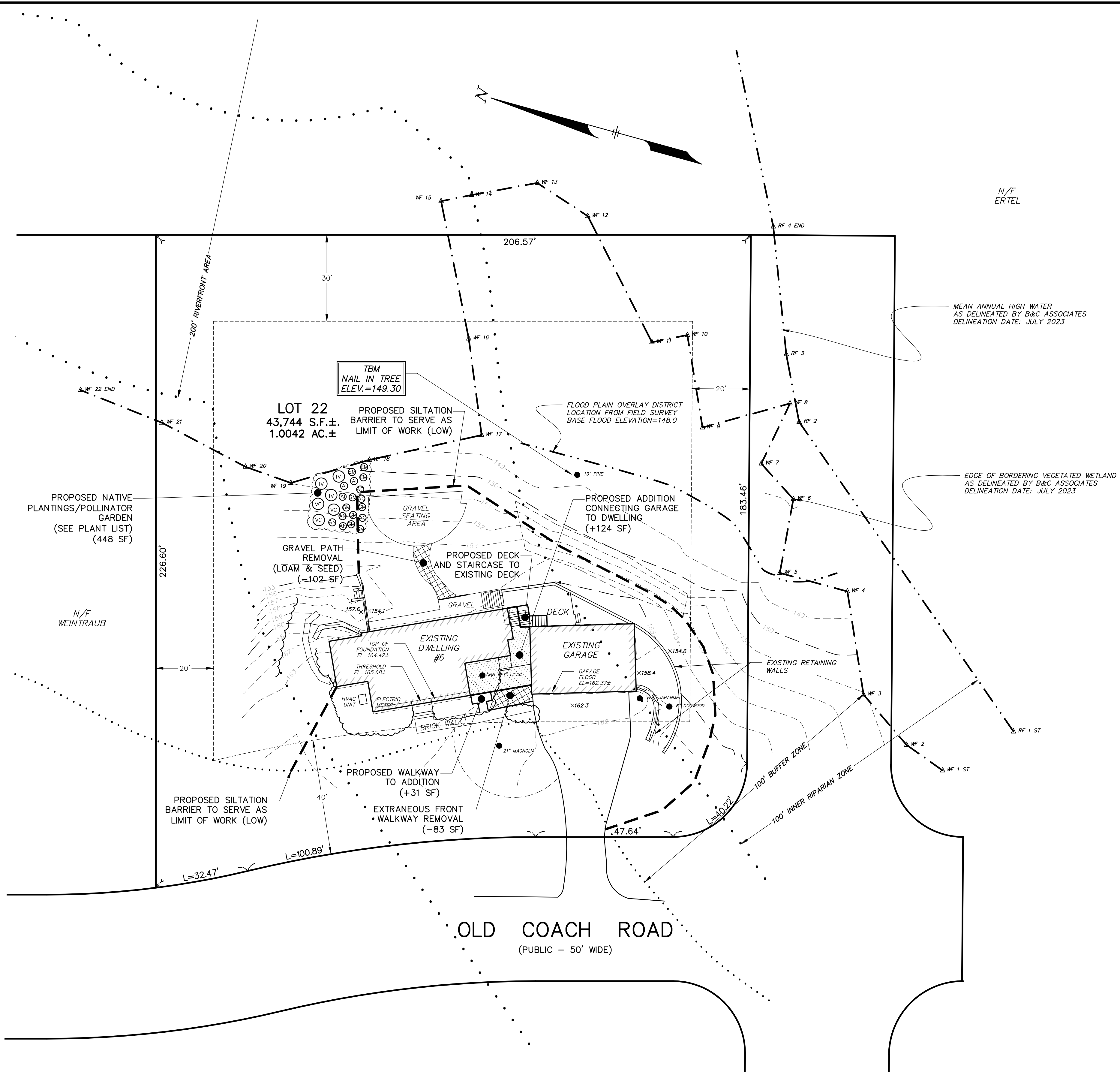
Restrictive Layer (if observed) Type: _____ Depth (inches): _____

Remarks:

Hydric Soils criterion met? Yes _____ No _____

**Wetland Permitting Plan
by Stamski And McNary, Inc**

PLANT LIST				
SYMBOL/BOTANICAL NAME	COMMON NAME	NO.	SIZE	
●	EXISTING TREE TO REMAIN	AS LISTED IN PLAN VIEW		
(V)	ILEX VERTICILLATA	WINTERBERRY	3	3-4' HT.
(VC)	VACONUM CORNIBOSUM	HIGHBUSH BLUEBERRY	3	3-4' HT.
(AC)	AQUILEGIA CANADENSIS	COLUMBINE	3	1 GALLON
(N)	ASCLEPIAS INCARNATA	SWAMP MILKWEED	3	1 GALLON
(GM)	GERANIUM MACULATUM	WILD GERANIUM	6	1 GALLON
(AN)	ASTER NOVAE-ANGIAE	NEW ENGLAND ASTER	3	1 GALLON
(EM)	EUTROCHUM MACULATUM	JOE-PYE WEED	3	1 GALLON



NOTES:

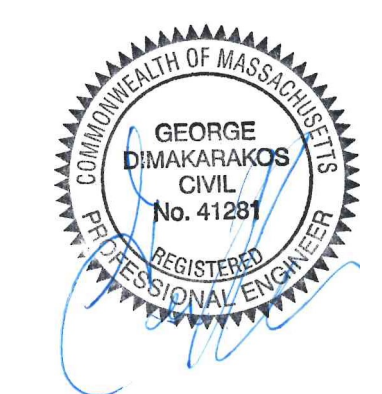
- ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.
- ALL DISTURBED SURFACES SHALL BE LOAMED AND SEEDDED.

RECORD OWNER
 JAMES B. DERESHINSKY
 JULIE A. DERESHINSKY
 6 OLD COACH ROAD
 SUDBURY, MA

ZONING DISTRICT
 SINGLE RESIDENCE 'A'

DATUM
 N.A.V.D OF 1988.

REFERENCE
 MIDDLESEX REGISTRY OF DEEDS
 SOUTH DISTRICT
 DEED BOOK 75938 PAGE 410
 PLAN No. 1 OF 1960



**WETLAND PERMITTING PLAN
 IN
 SUDBURY, MASSACHUSETTS
 (MIDDLESEX COUNTY)**

FOR: **DERESHINSKY**
 SCALE: 1"=20' JANUARY 2, 2024

STAMSKI AND McNARY, INC.
 1000 MAIN STREET ACTON, MASSACHUSETTS
 ENGINEERING - PLANNING - SURVEYING

