

Bay Colony Group, Inc.

Professional Civil Engineers & Land Surveyors

4 School Street, PO Box 9136
Foxborough, Massachusetts 02035
Telephone (508) 543-3939 • Fax (508) 543-8866
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NOTICE OF INTENT WETLANDS PROTECTION ACT MASS G.L.C. 131, SECTION 40

Tanglewood Estates II Symphony Drive Extension Franklin, MA

PREPARED FOR: Cypress Real Estates Development, LLC
3 Rothchild Drive
Foxborough, MA 02035

PREPARED BY: Bay Colony Group, Inc.
4 School Street
Foxborough, MA 02035

December, 2025

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December 16, 2025

Mr. Mark LePage, Chair
Franklin Conservation Commission
355 East Central Street
Franklin, MA 02038

**RE: “Tanglewood Estates II” Symphony Drive Extension
Franklin, MA**

Dear Mr. LePage,

On behalf of our client, Cypress Real Estate Development, LLC, we are submitting herewith a Notice of Intent pursuant to Article 181 of the Town of Franklin Wetlands Protection Regulations for the construction of a single-family home as part of a two-lot subdivision, including the associated driveway, grading, lawn, and utilities, portions of which are located within the local buffer zone to an isolated vegetated wetland (IVW). Under the Wetlands Protection Act (310 CMR 10.00), an IVW does not have a buffer zone, therefore, no application will be filed with the Massachusetts Department of Environmental Protection.

Enclosed please find two copies of the Notice of Intent (NOI) packet, two full-size sets and seven half-size sets of the Definitive Plan. All abutting property owners within 300 feet of the site have been notified of the proposed work by certified mail, and a check in the amount of \$1,289.00, based on the local bylaw fee, is enclosed.

The site is located at the end of Symphony Drive on a 7.0± acre parcel of land identified as Assessors’ Parcel 218-020-000 (**Appendix A**). The property is currently undeveloped and consists primarily of wooded area. The site is situated on a hillside that generally slopes from west to east, with an approximate 90-foot change in elevation across the property. Two IVWs are located on the site, one in the western corner and one on the eastern portion of the property. The wetlands were flagged by Pare Corporation on March 13, 2025 and subsequently located by this firm during an on-the-ground survey conducted on March 21, 2025. A copy of the Pare Corporation Wetland Delineation Report is included in **Appendix B**.

The proposed project will involve the construction of a single-family home along with the associated driveway, grading, utilities, and yard area. A portion of the home, drainage basin, and yard will lie within the local buffer zone to an IVW. The home will be located approximately 51 feet from the wetland at its closest point, the drainage basin approximately 81 feet from the wetland at its closest point, and proposed clearing approximately 31 feet from

the wetland at its closest point. Approximately 164 square feet of buffer zone will be altered for the home, approximately 958 square feet for the drainage basin and approximately 13,438 square feet for the yard area. In total, approximately 14,560 square feet of buffer zone will be altered, with approximately 2,638 square feet of that alteration occurring within the 50-foot buffer zone. No structures or impervious surfaces are proposed within the 25–50-foot buffer zone, and no work is proposed within the 25-foot No Disturbance Zone.

The home will be serviced by municipal water and sewer. The project is not subject to the Massachusetts Stormwater Standards, as the subdivision consists of fewer than four lots, however, the project will meet all applicable standards in accordance with the Town of Franklin Stormwater Management Bylaws. The proposed stormwater management system will include stone trenches, sediment forebays, and above-ground drainage basins. A detention basin is proposed on Lot 1, and an infiltration basin is proposed on Lot 2. The system has been designed to manage all storm events up to and including the 100-year storm without increasing the rate or volume of off-site runoff. The system will comply with the DEP Stormwater Standards and the Franklin Stormwater Management Bylaw. A copy of the Stormwater Impact Report is included in Appendix C.

Erosion control measures for the project will consist of silt socks, which will be installed prior to the start of construction and maintained until construction is complete and stable ground cover has been reestablished.

Thank you for your consideration. Please feel free to contact me should you have any questions or concerns you would like us to address prior to the public hearing.

Very truly yours,

BAY COLONY GROUP, INC.



Cameron Gray
Project Engineer



William R. Buckley, Jr., P.E.
Project Manager

List of Documents

Previous Page – Letter to Conservation Commission

WPA Form 3 – Notice of Intent

Local Filing Fee Calculation Worksheet

Copies of Checks

Resource Area Impact Summary Form

Application Process Signature Form

Property Access Signature Form

Form of Notification to Abutters

List of Abutters

Affidavit of Service

Appendix A

USGS Quadrangle Map Extract

FEMA Flood Insurance Rate Map

Extract from MassMapper

Appendix B

Pare Corporation Wetland Delineation Report dated November 26, 2025

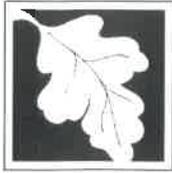
Appendix C

Stormwater Management Report Tanglewood Estates II Symphony Drive Extension

Franklin, MA December 2025

Attachments

Private Definitive Plan of Land in Franklin, MA Tanglewood Estates II Symphony Drive
Extension by Bay Colony Group, Inc dated December 4, 2024



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

Franklin

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):

Symphony Drive	Franklin	02038
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	42°07'27"	71°23'14"
	d. Latitude	e. Longitude
218	020	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

a. First Name	b. Last Name	
Cypress Real Development, LLC		
c. Organization		
3 Rothchild Drive		
d. Street Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
781.223.1188	cypressredevelopment@gmail.com	
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):

William	Buckley, Jr.	
a. First Name	b. Last Name	
Bay Colony Group, Inc.		
c. Company		
4 School Street		
d. Street Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
508.543.3939	billbuckley@baycolonygroup.com	
h. Phone Number	i. Fax Number	j. Email address

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

\$0.00	\$0.00	\$0.00
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Construction of a single family home in a 2 lot subdivision along with the associated drainage and grading that lies within the buffer zone to an isolated vegetated wetland

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

- | | |
|---|--|
| 1. <input type="checkbox"/> Single Family Home | 2. <input checked="" 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 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:

Norfolk

a. County

42455

c. Book

b. Certificate # (if registered land)

104

d. Page Number

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

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

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



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

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

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. <input type="checkbox"/> 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:

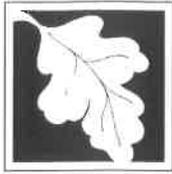
a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

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. 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.

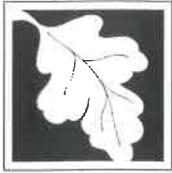
a. square feet of BVW _____

b. square feet of Salt Marsh _____

5. Project Involves Stream Crossings

a. number of new stream crossings _____

b. number of replacement stream crossings _____



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C. Other Applicable Standards and Requirements

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

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

- 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**

2025 _____
b. Date of map

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

- c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____ percentage/acreage

(b) outside Resource Area _____ percentage/acreage

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

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

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

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



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

- (c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

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

- (d) Vegetation cover type map of site
- (e) Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following
1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
 2. Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____
 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:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

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

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


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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.

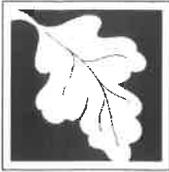
D. Additional Information

- 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.

Private Definitive Plan of Land in Franklin, MA Tanglewood Estates II Symphony Drive Extension

a. Plan Title

Bay Colony Group, Inc.

William Buckley, Jr #34813

b. Prepared By

c. Signed and Stamped by

December 4, 2025

1" = 40'

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.

Maura M
1. Signature of Applicant

12-17-25
2. Date

3. Signature of Property Owner (if different)

4. Date

William Bly
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.

**1.6. Commercial/Industrial
(Resource Area includes Buffer Zone)**

Base Fee		\$600.00	\$ _____
Infrastructure in Buffer Zone or Resource Area			
Roads	_____ linear feet x \$2.00	= \$ _____	
*Drainage Structures	_____ X \$25.00 each	= \$ _____	
Resource Area Disturbed	_____ square feet x \$0.50	= \$ _____	
Buildings	_____ X \$125 each	= \$ _____	
All Accessory Improvements		\$100.00	= \$ _____

2. REQUEST FOR DETERMINATION (RDA)

Existing single family residence	\$50.00	\$ _____
Other	\$100.00	\$ _____

3. MINOR BUFFER ZONE ACTIVITY (MBZA)

Restoration projects	*No charge*	
All other projects	\$50.00=	\$ _____

**4. ABBREVIATED NOTICE OF RESOURCE AREA DETERMINATION
(ANRAD)**

\$0.50/foot/resource area: = \$ _____

5. CERTIFICATES OF COMPLIANCE

Residential Certificate of Compliance Request	\$50.00	\$ _____
Residential Certificate Re-Inspection	\$50.00	\$ _____
Commercial Certificate of Compliance Request	\$100.00	\$ _____
Commercial Certificate Re-Inspection	\$100.00	\$ _____

6. OTHER PERMITS/SERVICES

Project Extension (includes Order of Conditions)	\$50.00	\$ _____
Status Letter for Financial Institution	\$100.00	\$ _____
Permit Amendment	\$100.00	\$ _____

7. FILING FEE CALCULATION

Town Share of State Fees (See NOI Wetland Fee Transmittal Form) (Check No.1)	\$ <u>0.00</u>
Local Filing Fee Calculated Above (Check No. 2)	\$ <u>1,289.00</u>
TOTAL Due Town of Franklin	\$ <u>1,289.00</u>
State Share of Filing Fee (See NOI Wetland Fee Transmittal Form)	
TOTAL Due DEP (Check No. 3)	\$ <u>0.00</u>

8. ADVERTISING FEE (Check No. 4)

TBD

The fee will be the exact amount the newspaper charges for that specific advertisement. Once the advertisement is placed with the paper, by the Conservation Commission, the applicant will be notified of the cost and will be expected to submit a check for that exact amount, payable to the Town of Franklin, to the Conservation Department prior to the first hearing.

*Drainage structures: catch basins, manholes, leaching basins, gutter inlet or any other man-made structure (other than a pipe) for purposes of controlling drainage.

Town of Franklin Conservation Commission

RESOURCE AREA IMPACT SUMMARY FORM

**The Franklin Wetlands Protection Bylaw
Franklin Town Code Section 181**

Resource Area	Alteration Proposed	Mitigation Proposed
Bordering Vegetated Wetland (SF)	0	0
Bank (LF)	0	0
Land Under Water Bodies (SF)	0	0
Isolated Wetland (SF)	0	0
Vernal Pool (SF)	0	0
Buffer Zone (SF)	14,560	0
Riverfront (SF)	0	0
100-Year Floodplain (CF)	0	0
(SF) = Square Feet (LF) = Linear Feet (CF) = Cubic Feet Flood Storage		

Town of Franklin Conservation Commission

APPLICATION PROCESS SIGNATURE FORM

There are three different applications that can be submitted to undertake work in a jurisdictional area: a Notice of Intent (NOI), a Request for Determination (RDA) and a Minor Buffer Zone Activity (MBZA). All three applications have different criteria for submission and approval and the NOI and RDA are governed by both the state law and the local bylaw. The MBZA is issued under the local bylaw only.

When a potential applicant requests advice from the Conservation Agent on which application to file, the opinion of the Agent is based on the information given by the potential applicant and any other information available to the Agent, e.g. the town's GIS system. The Agent has no legal right to go onto private property at any time until after an application is filed or permission of the property owner is given.

It is important that all applicants understand that after an application is filed, additional information may come to light e.g. via a field inspection or a review of the application, that may impact the scope of the submitted application and the approval process. **Therefore, it is the ultimate responsibility of the applicant to decide which application to file.**

In light of the above, please sign below indicating an understanding of this policy and submit it with the application.



Signature of Property Owner

12-17-25

Date

Town of Franklin Conservation Commission

PROPERTY ACCESS SIGNATURE FORM

I hereby request that the Franklin Conservation Commission review this NOI/RDA/ANRAD application. I (we) grant authority to the Franklin Conservation Commission members and agents to go onto my (our) property solely for purposes directly related to the inspection and approval of this application and for follow-up compliance with the permit conditions.

Maura
Signature of Property Owner

12-17-25
Date

Town of Franklin Conservation Commission

NOTIFICATION TO ABUTTERS

Under the Massachusetts Wetlands Protection Act And The Franklin Wetlands Protection Bylaw

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

Cypress Real Estate Development, LLC has filed a Notice of Intent with the Franklin Conservation Commission for the construction of a single-family home in a two-lot residential subdivision on Assessors' Parcel 218-020-000 Symphony Drive, under the Wetlands Protection Act (M.G.L c.131 §40).

Copies of the Notice of Intent may be examined during regular office hours at Bay Colony Group, Inc. 4 School Street Foxborough, MA.

Copies may also be examined by contacting the Franklin Conservation Department located at 355 East Central Street, Franklin, MA, (508) 520-4929.

Notice of the public hearing including the date, time, and place will be published at least five (5) days in advance in the Milford Daily News.

Notice of the public hearing including the date, time, and place will be posted in the Franklin Town Hall at least forty eight (48) hours in advance of the public hearing.

The public hearing will be held on Thursday, January 15, 2026, at 7 pm, at the Town Council Chambers, located on the Second Floor of the Municipal Building on 355 East Central Street. The meeting is also available via Zoom, and can be accessed through the Conservation Commission agenda for that night, which will be posted on the Town's website 48 hours prior to the meeting. Please call the Conservation Department at (508) 520-4929 if you have any questions.

You may also contact the Massachusetts Department of Environmental Protection, Central Regional Office, Worcester, MA at (508) 792-7650.



Record No:

145097

Abutter's List Request Form

Status: Active

Submitted On: 12/15/2025

Primary Location

0 SYMPHONY DR Unit
OWNER UNKNOWN
FRANKLIN, MA 02038

Owner

CYPRESS REAL ESTATE
DEVELOPMENT, LLC
3 ROTHCHILD DR
FOXBORO, MA 02035

Applicant

Christine Leslie
 508-543-3939
 cleslie@baycolonygroup.com
 4 SCHOOL STREET
PO BOX 9136
Foxborough, MA 02035

Abutter's List Request Form

Which Board/Commission is requiring this list?

Planning Board

What is the purpose for the request?*

Definitive Subdivision Plans

How would you like to receive this abutters list?*

Emailed

What email address should we use to send you the abutters list?*

cleslie@baycolonygroup.com

General Parcel Information

Assessor's Parcel ID*

218-020-000

Property Street Address*

0 Symphony Drive

Property Owner Information

Property Owner*	Property Owner's Mailing Address*
Cypress Real Estate Development LLC	3 Rothchild Drive
Town/City*	Zip/Postal Code*
Foxborough	02035
State*	Property Owner Telephone Number*
MA	(781)223-1188

Requestor's Information

Requestor/Applicant same as Property Owner Information?*	Requestor's Name *
No	Bay Colony Group, Inc
Requestor's Telephone Number	Requestor's Address
508-543-3939	4 School St PO Box 9136 Foxboro, MA 02035

Attachments

Record Activity

- Christine Leslie started a draft Record 12/15/2025 at 9:44 am
- Christine Leslie submitted Record 145097 12/15/2025 at 9:55 am
- OpenGov system altered payment step Abutters List Fee, changed status from Inactive to Active on Record 145097 12/15/2025 at 9:55 am
- OpenGov system completed payment step Abutters List Fee on Record 145097 12/15/2025 at 9:56 am
- OpenGov system altered approval step Assessors Department Review , changed status from Inactive to Active on Record 145097 12/15/2025 at 9:56 am
- OpenGov system assigned approval step Assessors Department Review to Kevin Doyle on Record 145097 12/15/2025 at 9:56 am

Timeline

Label	Activated	Completed	Assignee	Due Date	Status
 Abutters List Fee	12/15/2025, 9:55:25 AM	12/15/2025, 9:56:32 AM	Christine Leslie	-	Completed
 Assessors Department Review	12/15/2025, 9:56:33 AM	-	Kevin Doyle	-	Active
 Abutters List- Email	-	-	-	-	Inactive



SYMPHONY DR - 300' ABUTTERS

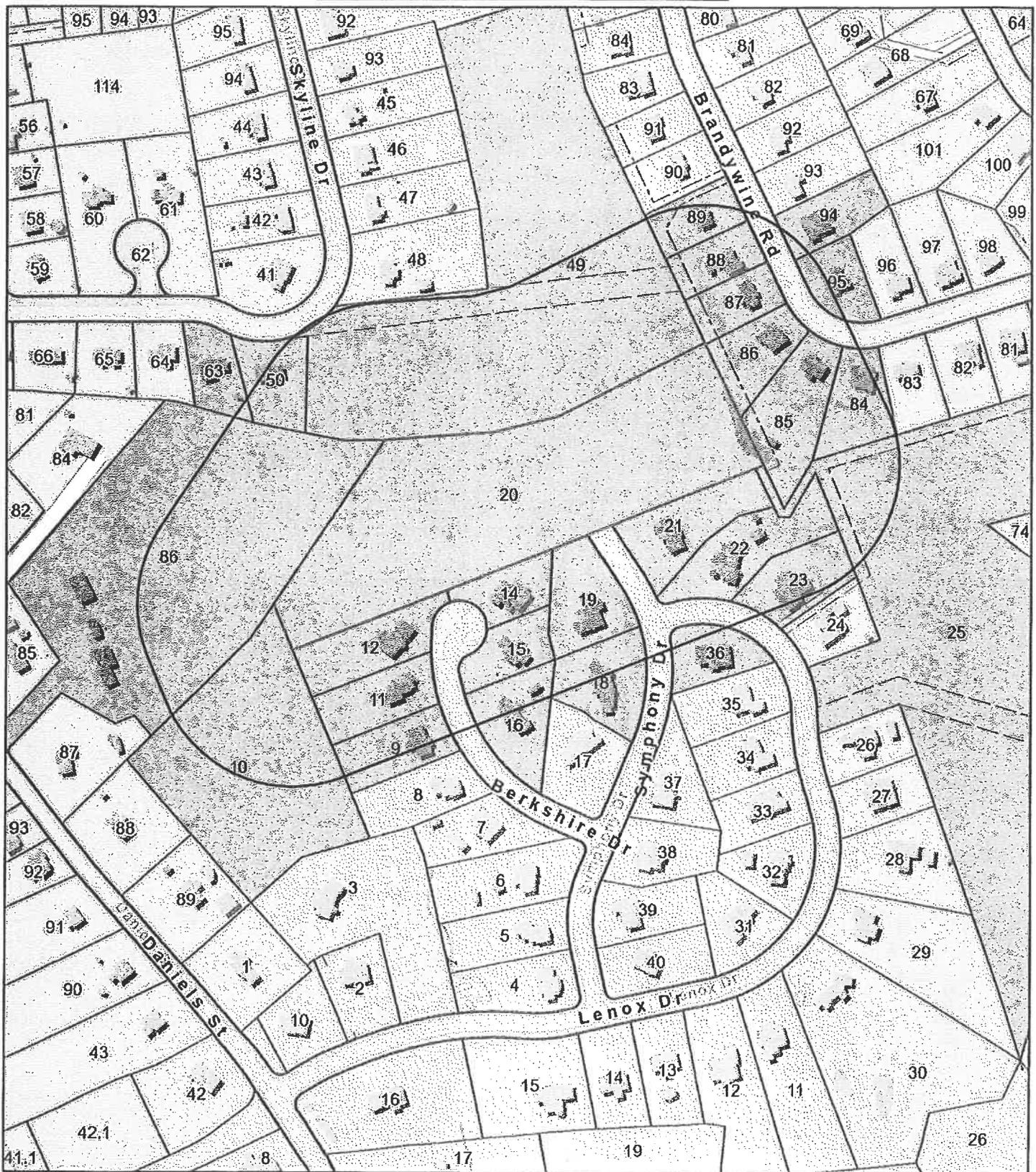
Town of Franklin, MA

1 inch = 300 Feet



www.cai-tech.com

December 17, 2025



This information is believed to be correct but is subject to change and is not warranted.



300 feet Abutters List Report

Franklin, MA
December 17, 2025

Subject Property:

Parcel Number: 218-020-000
CAMA Number: 218-020-000-000
Property Address: SYMPHONY DR

Mailing Address: CYPRESS REAL ESTATE
DEVELOPMENT, LLC
3 ROTHCHILD DR
FOXBORO, MA 02035

Abutters:

Parcel Number: 218-009-000
CAMA Number: 218-009-000-000
Property Address: 12 BERKSHIRE DR

Mailing Address: COLLETTE ANDREW R CHU CHRISTINE
S
12 BERKSHIRE DR
FRANKLIN, MA 02038

Parcel Number: 218-010-000
CAMA Number: 218-010-000-000
Property Address: BERKSHIRE DR

Mailing Address: FRANKLIN TOWN OF
355 EAST CENTRAL ST
FRANKLIN, MA 02038

Parcel Number: 218-011-000
CAMA Number: 218-011-000-000
Property Address: 16 BERKSHIRE DR

Mailing Address: MOELDERS NICHOLAS MOELDERS
RENEE M
16 BERKSHIRE DR
FRANKLIN, MA 02038

Parcel Number: 218-012-000
CAMA Number: 218-012-000-000
Property Address: 20 BERKSHIRE DR

Mailing Address: BETRO, THOMAS A TR MOUSSEAU, AMY
R TR T & A BETRO FAMILY TRUST
20 BERKSHIRE DR
FRANKLIN, MA 02038

Parcel Number: 218-014-000
CAMA Number: 218-014-000-000
Property Address: 21 BERKSHIRE DR

Mailing Address: ALSHAWABKEH AKRAM N & REHAM D
TRS ALSHAWABKEH LIVING TRUST
21 BERKSHIRE DR
FRANKLIN, MA 02038

Parcel Number: 218-015-000
CAMA Number: 218-015-000-000
Property Address: 17 BERKSHIRE DR

Mailing Address: PICKLES DANE PICKLES JAIME
17 BERKSHIRE DRIVE
FRANKLIN, MA 02038

Parcel Number: 218-016-000
CAMA Number: 218-016-000-000
Property Address: 11 BERKSHIRE DR

Mailing Address: SHEAN PETER R II SHEAN ALLYSON R
11 BERKSHIRE DR
FRANKLIN, MA 02038

Parcel Number: 218-018-000
CAMA Number: 218-018-000-000
Property Address: 20 SYMPHONY DR

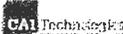
Mailing Address: TRAN BAO Q LE LIEN T
20 SYMPHONY DR
FRANKLIN, MA 02038

Parcel Number: 218-019-000
CAMA Number: 218-019-000-000
Property Address: 24 SYMPHONY DR

Mailing Address: RODMAN CARYE RODMAN ANDREW
24 SYMPHONY DR
FRANKLIN, MA 02038

Parcel Number: 218-020-000
CAMA Number: 218-020-000-000
Property Address: SYMPHONY DR

Mailing Address: CYPRESS REAL ESTATE
DEVELOPMENT, LLC
3 ROTHCHILD DR
FOXBORO, MA 02035



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This information is believed to be correct but is subject to change and is not warranted.



300 feet Abutters List Report

Franklin, MA
December 17, 2025

Parcel Number: 218-021-000
CAMA Number: 218-021-000-000
Property Address: 25 SYMPHONY DR

Mailing Address: LEROY JAMES RAMANLAL SHRESHTHA
25 SYMPHONY DR
FRANKLIN, MA 02038

Parcel Number: 218-022-000
CAMA Number: 218-022-000-000
Property Address: 71 LENOX DR

Mailing Address: RITUCCI STEVEN P RITUCCI GAIL F
71 LENOX DR
FRANKLIN, MA 02038

Parcel Number: 218-023-000
CAMA Number: 218-023-000-000
Property Address: 67 LENOX DR

Mailing Address: SOUZA JANE E
67 LENOX DR
FRANKLIN, MA 02038

Parcel Number: 218-025-000
CAMA Number: 218-025-000-000
Property Address: DANIELS ST

Mailing Address: FRANKLIN TOWN OF
355 EAST CENTRAL ST
FRANKLIN, MA 02038

Parcel Number: 218-036-000
CAMA Number: 218-036-000-000
Property Address: 68 LENOX DR

Mailing Address: GONZALEZ JUAN & MARIA FOYE
FRANCISCA & GERARD
68 LENOX DR
FRANKLIN, MA 02038

Parcel Number: 218-049-000
CAMA Number: 218-049-000-000
Property Address: SKYLINE DR

Mailing Address: FRANKLIN TOWN OF
355 EAST CENTRAL STREET
FRANKLIN, MA 02038

Parcel Number: 218-050-000
CAMA Number: 218-050-000-000
Property Address: 49 SKYLINE DR

Mailing Address: BRAUNSTEIN JAMES L SHERIDAN
MARY
49 SKYLINE DR
FRANKLIN, MA 02038

Parcel Number: 218-084-000
CAMA Number: 218-084-000-000
Property Address: 137 BRANDYWINE RD

Mailing Address: REYNOLDS WARREN H K REYNOLDS
DEBRA Y
137 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-085-000
CAMA Number: 218-085-000-000
Property Address: 133 BRANDYWINE RD

Mailing Address: AMANTE JOSEPH M AMANTE MELISSA
A
133 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-086-000
CAMA Number: 218-086-000-000
Property Address: 129 BRANDYWINE RD

Mailing Address: HANLY RONAN D HANLY CHERYL A
129 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-087-000
CAMA Number: 218-087-000-000
Property Address: 125 BRANDYWINE RD

Mailing Address: JOSE JESTUS
125 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-088-000
CAMA Number: 218-088-000-000
Property Address: 121 BRANDYWINE RD

Mailing Address: YERED DAVID M REZZUTI LISA
121 BRANDYWINE RD
FRANKLIN, MA 02038



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This information is believed to be correct but is subject to change and is not warranted.

12/17/2025

Page 2 of 3



300 feet Abutters List Report

Franklin, MA
December 17, 2025

Parcel Number: 218-089-000
CAMA Number: 218-089-000-000
Property Address: 117 BRANDYWINE RD

Mailing Address: BARTEK JOSEF S & CHERYL TRS
BARTEK LIVING TRUST
117 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-094-000
CAMA Number: 218-094-000-000
Property Address: 122 BRANDYWINE RD

Mailing Address: LANGEVIN TIMOTHY M
122 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 218-095-000
CAMA Number: 218-095-000-000
Property Address: 138 BRANDYWINE RD

Mailing Address: MUNIKUNTLA SAI KUMAR
MUDDAGOUNI APARAJITHA
138 BRANDYWINE RD
FRANKLIN, MA 02038

Parcel Number: 219-063-000
CAMA Number: 219-063-000-000
Property Address: 45 SKYLINE DR

Mailing Address: CAROSI CHRISTOPHER D CAROSI
KRISTI L
45 SKYLINE DR
FRANKLIN, MA 02038

Parcel Number: 219-086-000
CAMA Number: 219-086-000-000
Property Address: 231 DANIELS ST

Mailing Address: MCLAUGHLIN JAMES J MCLAUGHLIN
PAULINE M
231 DANIELS ST
FRANKLIN, MA 02038

Kevin W. Doyle, 12-17-25



www.cai-tech.com

This information is believed to be correct but is subject to change and is not warranted.

ALSHAWABKEH AKRAM N & REH
ALSHAWABKEH LIVING TRUST
21 BERKSHIRE DR
FRANKLIN, MA 02038

GONZALEZ JUAN & MARIA
FOYE FRANCISCA & GERARD
68 LENOX DR
FRANKLIN, MA 02038

RITUCCI STEVEN P
RITUCCI GAIL F
71 LENOX DR
FRANKLIN, MA 02038

AMANTE JOSEPH M
AMANTE MELISSA A
133 BRANDYWINE RD
FRANKLIN, MA 02038

HANLY RONAN D
HANLY CHERYL A
129 BRANDYWINE RD
FRANKLIN, MA 02038

RODMAN CARYE
RODMAN ANDREW
24 SYMPHONY DR
FRANKLIN, MA 02038

BARTEK JOSEF S & CHERYL T
BARTEK LIVING TRUST
117 BRANDYWINE RD
FRANKLIN, MA 02038

JOSE JESTUS
125 BRANDYWINE RD
FRANKLIN, MA 02038

SHEAN PETER R II
SHEAN ALLYSON R
11 BERKSHIRE DR
FRANKLIN, MA 02038

BETRO, THOMAS A TR MOUSSE
T & A BETRO FAMILY TRUST
20 BERKSHIRE DR
FRANKLIN, MA 02038

LANGVIN TIMOTHY M
122 BRANDYWINE RD
FRANKLIN, MA 02038

SOUZA JANE E
67 LENOX DR
FRANKLIN, MA 02038

BRAUNSTEIN JAMES L
SHERIDAN MARY
49 SKYLINE DR
FRANKLIN, MA 02038

LEROY JAMES
RAMANLAL SHRESHTHA
25 SYMPHONY DR
FRANKLIN, MA 02038

TRAN BAO Q
LE LIEN T
20 SYMPHONY DR
FRANKLIN, MA 02038

CAROSI CHRISTOPHER D
CAROSI KRISTI L
45 SKYLINE DR
FRANKLIN, MA 02038

MCLAUGHLIN JAMES J
MCLAUGHLIN PAULINE M
231 DANIELS ST
FRANKLIN, MA 02038

YERED DAVID M
REZZUTI LISA
121 BRANDYWINE RD
FRANKLIN, MA 02038

COLLETTE ANDREW R
CHU CHRISTINE S
12 BERKSHIRE DR
FRANKLIN, MA 02038

MOELDERS NICHOLAS
MOELDERS RENEE M
16 BERKSHIRE DR
FRANKLIN, MA 02038

CYPRESS REAL ESTATE DEVEL
3 ROTHCHILD DR
FOXBORO, MA 02035

MUNIKUNTLA SAI KUMAR
MUDDAGOUNI APARAJITHA
138 BRANDYWINE RD
FRANKLIN, MA 02038

FRANKLIN TOWN OF
355 EAST CENTRAL ST
FRANKLIN, MA 02038

PICKLES DANE
PICKLES JAIME
17 BERKSHIRE DRIVE
FRANKLIN, MA 02038

FRANKLIN TOWN OF
355 EAST CENTRAL STREET
FRANKLIN, MA 02038

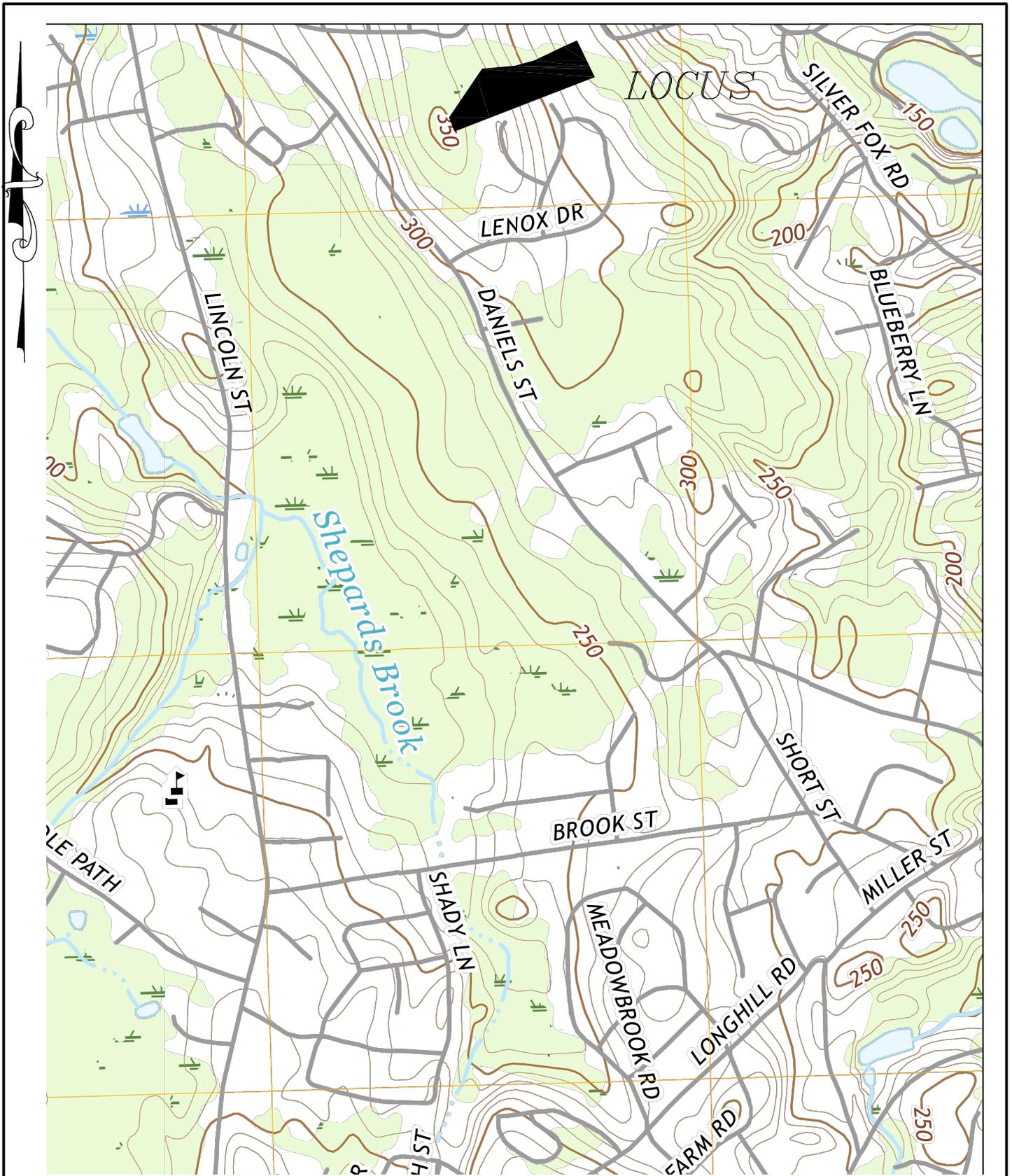
REYNOLDS WARREN H K
REYNOLDS DEBRA Y
137 BRANDYWINE RD
FRANKLIN, MA 02038

APPENDIX A

*USGS Quadrangle Map

*FEMA Flood Insurance Rate Map

* Priority Habitat Map



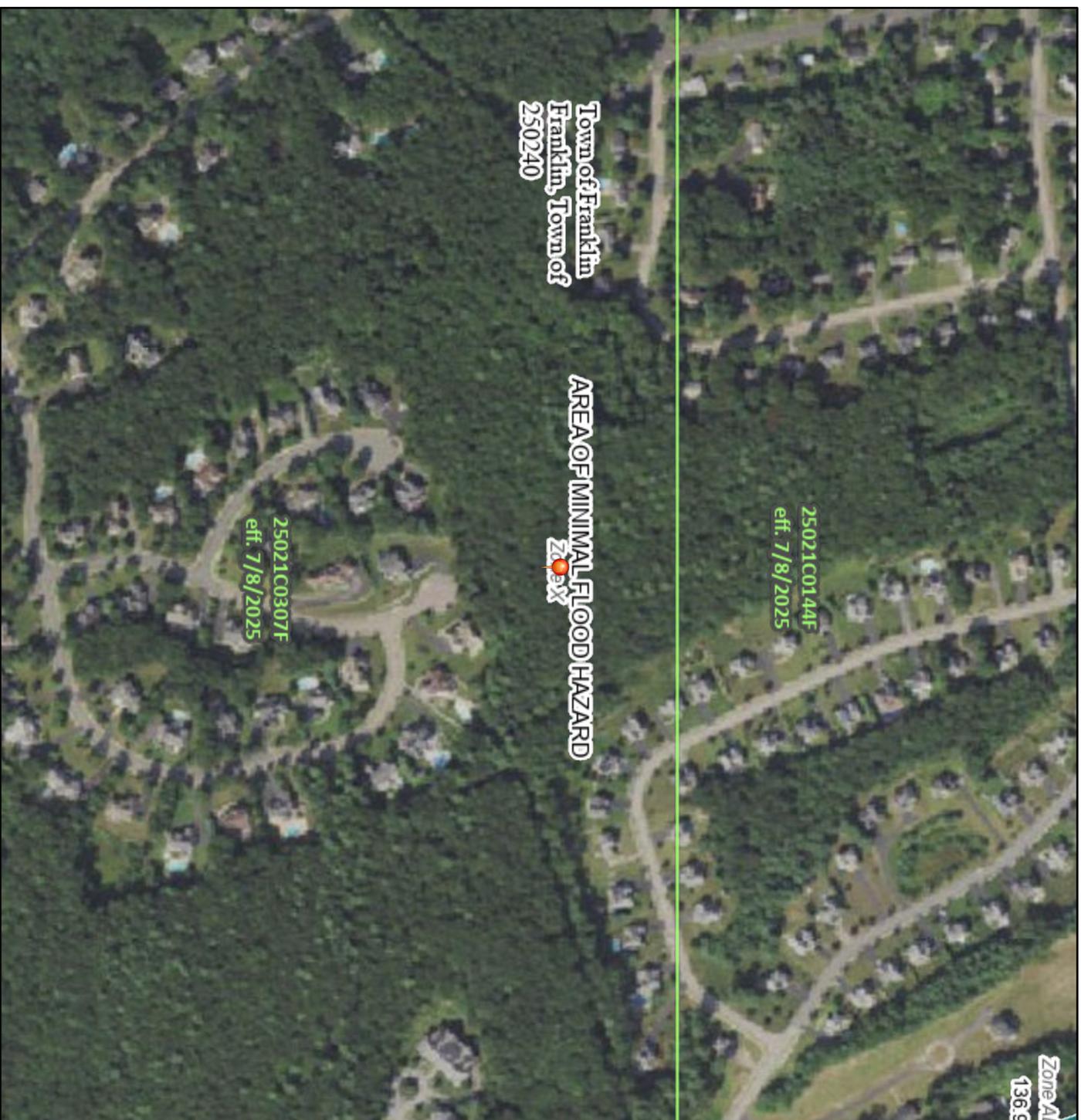
BAY COLONY GROUP, INC.
 FOUR SCHOOL STREET
 FOXBOROUGH, MA 02035
 (508) 543-3939

USGS QUADRANGLE EXTRACT
 SYMPHONY DRIVE
 FRANKLIN, MA
 FRANKLIN QUADRANGLE
 SCALE: 1" = 1000'

National Flood Hazard Layer FIRMette



71°23'32"W 42°7'40"N



Legend

SEE THIS 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
-----------------------------------	--

	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 OF FLOOD HAZARD	NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs Area of Undetermined Flood Hazard Zone D
------------------------------------	--

OTHER AREAS	Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
--------------------	---

GENERAL STRUCTURES	20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transect Baseline Profile Baseline Hydrographic Feature
---------------------------	--

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 **12/16/2025 at 8:03 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap Imagery Source: USGS National Map 2023
 71°22'55"W 42°7'13"N

Symphony Drive Extension



- Potential Vernal Pools
- NHESP Certified Vernal Pools
- NHESP Priority Habitats of Rare Species
- NHESP Estimated Habitats of Rare Wildlife
- Property Tax Parcels

MassMapper

Leaflet | MassGIS BaseMap Info

APPENDIX B

*Wetland Delineation Report

November 26, 2025

Mr. William Buckley, P.E.
Bay Colony Group, Inc.
4 School Street
Foxborough, MA 02035

Re: **Wetland Delineation**
Symphony Drive – Map 218, Parcel 020
Franklin, MA
Pare Project No. 18170.58

Dear Mr. Buckley,

Pare Corporation (Pare) delineated the wetland resource areas affecting an undeveloped parcel of land located on Symphony Drive in Franklin (the site). The site is approximately 7 acres in size and is designated as Parcel 020 on Foxborough Assessor's Map 218. The delineation was completed to establish the limits of wetland resource areas and buffer zones that may impact future development on the property. Pare's investigation and delineation of wetlands were on March 13, 2025.

The following report describes the delineated wetlands, discusses the delineation methodology, and summarizes our review of published mapping for the site. Attached to this report are the following materials: a Site Location Map, an Annotated Aerial Photograph, an excerpt from the FEMA Flood Insurance Rate Map, annotated photographs of the site wetlands, and completed BVW Data Forms for representative plots along wetland/upland borders.

METHODOLOGY

Wetland edges were delineated in accordance with the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.55, referred to as the WPA Regulations), and the methodology specified in the publication entitled Delineating Bordering Vegetated Wetlands under the Massachusetts Wetlands Protection Act (Jackson, 2022) and The Regional Supplement to the Corps of Engineers Wetland Delineation Manual: North Central and Northeast Region, Version 2.0 (U.S. Army Corps of Engineers, January 2012).

Pink field flags were placed at appropriate intervals along wetland/upland borders. Primary parameters evaluated in wetland delineation included vegetation, hydric soil indicators, and visual indicators of wetland hydrology such as water-stained leaves and saturated soils. The ordinary high water mark of a Potential Vernal Pool bordering the site was flagged according to visual indicators of flooding, including water staining on the ground's surface and water marks on woody vegetation. During the delineation, BVW Data Forms were completed for representative plots along the wetland/upland border.

WETLAND DESCRIPTIONS

Isolated Vegetated Wetlands

Two (2) forested wetlands are present on the site. Neither of these areas possess surface connections to waterbodies or waterways and are therefore **Isolated Vegetated Wetlands (IVW)**. The Town of Franklin Wetlands Protection Bylaw (referred to herein as the Bylaw) protects all freshwater wetlands, regardless of size or connectivity with other wetlands. In addition, the Conservation Commission Rules and Regulations establish that freshwater wetlands have an associated **0-25 foot No Disturbance Zone**, a **25-50 foot Buffer Zone**, and a **50- 100 foot Buffer Zone**. Each of these areas is described below.

Wetland A

Flag series **A-1 to A-25** defines the perimeter of an IVW at the east side of the site. This area consists of a shallow low-lying area in the slope approximately 0.29 acres in size that appears to be fed by a combination of groundwater seepage and overland runoff. An upland island, which was not delineated, is present in the central portion of the IVW. While most of the area has seasonally saturated hydrology, a shallow depression in the southwestern portion of the wetland interior appears to be seasonally flooded, holding 1 to 2 inches of standing water at the time of delineation. Observed indicators of flooding and site topography suggest that flooding within this area is limited to several inches. As such, the IVW does not appear to meet the depth and volume criteria of an Isolated Land Subject to Flooding (ILSF) under the WPA Regulations; however, as noted above, the Bylaw protects all freshwater wetlands and associated local buffer zones, regardless of size or connectivity with other wetlands.

According to MAGIS data layer PVP_PT.shp (2013), a mapped potential vernal pool (PVP) is located within the general area of this wetland. However, the area does not contain a basin-like depression with adequate depth to support vernal pool habitat and is unlikely to sustain flooding for two continuous months in any given year. Therefore, Pare has determined that the PVP does not meet the definition of a Vernal Pool under the Bylaw.

The IVW is dominated Red Maple (*Acer rubrum*), White Oak (*Quercus alba*), Red Oak (*Quercus rubra*), and American Beech (*Fagus grandifolia*). The understory was dominated by Sweet Pepperbush (*Clethra alnifolia*) with ground cover dominated by Cinnamon Fern (*Osmunda cinnamomea*). Other evidence of hydrology included water staining, standing water, trees with buttressed roots, saturation, and drainage patterns. Species of vegetation observed within the wetland included, but were not limited to, the following:

Common Name	Scientific Name	Indicator Status
Red Oak	<i>Quercus rubra</i>	FACU
White Oak	<i>Quercus alba</i>	FACU
White Pine	<i>Pinus strobus</i>	FACU
Red Maple	<i>Acer rubrum</i>	FAC
Green Ash	<i>Fraxinus pennsylvanica</i>	FACW
Birch	<i>Betula sp.</i>	FAC or Wetter
Highbush Blueberry	<i>Vaccinium corymbosum</i>	FACW
Black Huckleberry	<i>Gaylussacia baccata</i>	FACU
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Princess Pine	<i>Lycopodium obscurum</i>	FACU

Wetland B

An oblong-shaped isolated wetland bisects the southwest side of the site, extending offsite to the north and south. Flag series **B-1** to **B-14** and **B-100** to **B-106** define the east and west edges of the IVW, respectively, beginning at the south property boundary and extending north. Additional data is required to determine whether the area meets the depth and volume criteria of an Isolated Land Subject to Flooding (ILSF) under the WPA Regulations; however, as noted in previous sections, the Bylaw protects all freshwater wetlands and associated local buffer zones, regardless of size or connectivity with other wetlands.

According to MAGIS data layer PVP_PT.shp (2013), a PVP is present in the wetland interior offsite to the north. Pare reviewed this area and found a basin-like depression holding standing water 2 to 4 inches deep at the time of delineation, with visual indicators of flooding suggesting that the area may hold standing water for a sustained period. Additional investigation during the spring season is necessary to determine whether the area meets the physical and biological criteria of a certifiable **vernal pool**. However, given the possibility of vernal pool habitat, Pare placed flags PVP-1 to PVP-8 along the southeastern boundary to capture the extent of the PVP bordering the site.

The onsite portion of the wetland is dominated by Red Maple (*Acer rubrum*), Tupelo (*Nyssa sylvatica*), and Red Oak (*Quercus rubra*). A dense understory of Highbush Blueberry (*Vaccinium corymbosum*) and Huckleberry (*Gaylussacia baccata*) transitions into an interior dominated by Highbush Blueberry (*Vaccinium corymbosum*) and Sweet Pepperbush (*Clethra alnifolia*). Pronounced microtopographic relief was observed in the wetland interior. The hydrology of the wetlands were saturated to seasonally flooded. Species of vegetation observed within the wetland included, but were not limited to, the following:

Common Name	Scientific Name	Indicator Status
Red Oak	<i>Quercus rubra</i>	FACU
Black Tupelo	<i>Nyssa sylvatica</i>	FAC
Sassafras	<i>Sassafras albidum</i>	FACU
White Pine	<i>Pinus strobus</i>	FACU
Red Maple	<i>Acer rubrum</i>	FAC
Highbush Blueberry	<i>Vaccinium corymbosum</i>	FACW
Black Huckleberry	<i>Gaylussacia baccata</i>	FACU
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Princess Pine	<i>Lycopodium obscurum</i>	FACU

REVIEW OF PUBLISHED MAPPING

Review of published mapping and relevant MassGIS data layers on November 26, 2025 revealed the following:

- No Certified Vernal Pools are located on the subject property.
- One Potential Vernal Pool (PVP) is mapped on the subject property in the general area of Wetland A, which was not found to possess the physical characteristics of a vernal pool. A second PVP is located offsite to the northwest within the interior of Wetland B, and further study would be required to determine whether the area meets the criteria of a vernal pool. See “Wetland Descriptions” section.
- There is no mapped Priority or Estimated Habitat of state-listed species on the site.

Mr. William Buckley

(4)

November 26, 2025

- The site is not located within Outstanding Resource Waters.
- The site is not located within an Area of Critical Environmental Concern.
- According to the FEMA Flood Insurance Rate Map (FIRM) for the site (Community Panel No. 25021C0307F, effective July 8, 2025), the entire site is located within Zone X, Areas of Minimal Flood Hazard. . The FIRM is attached as Figure 3.

Thank you very much for the opportunity to assist you with this project. If you have any questions regarding project permitting or other issues, or require further assistance, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lauren H. Gluck', written in a cursive style.

Lauren H. Gluck, P.W.S.
Managing Environmental Scientist

LHG/TC

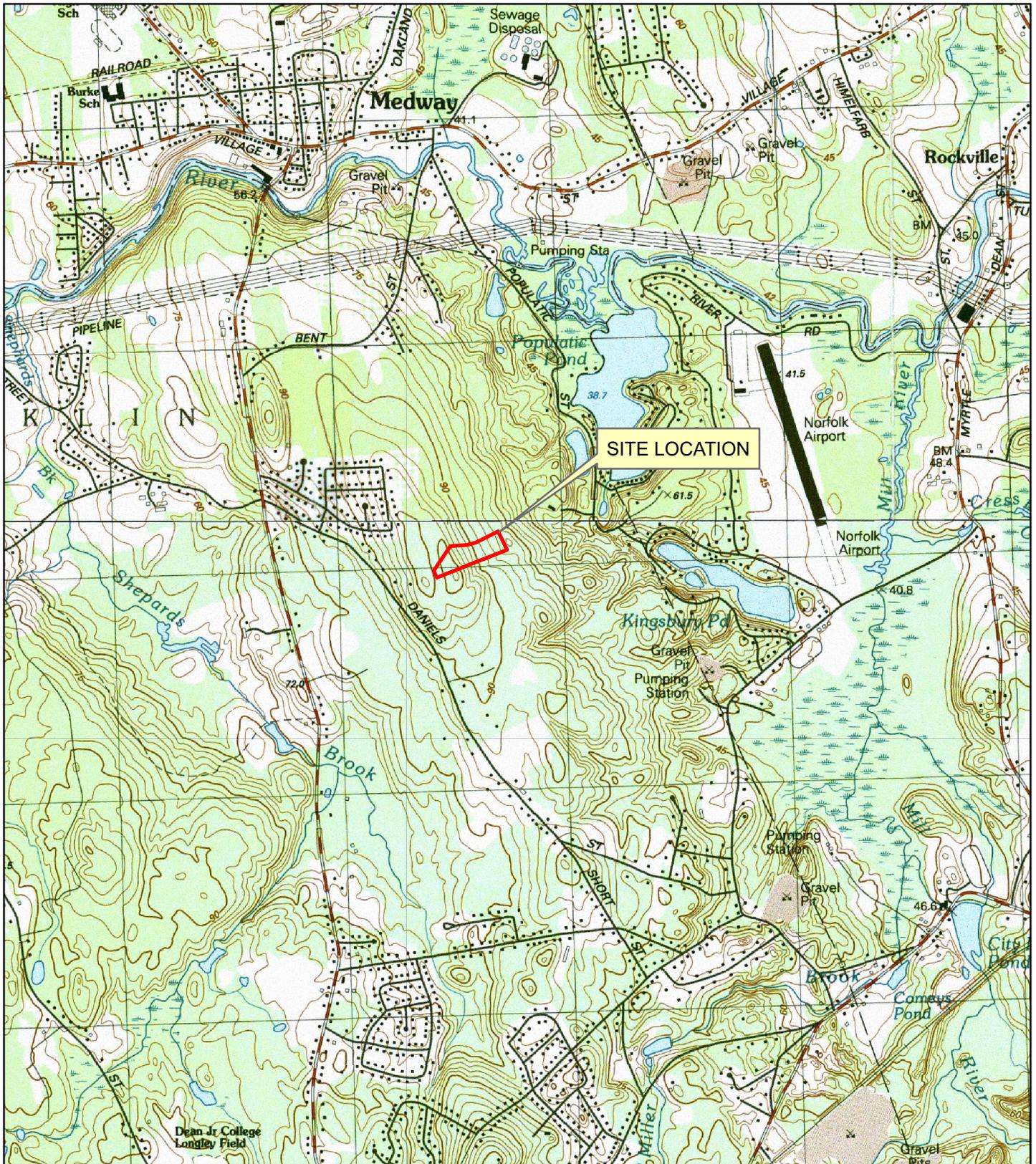
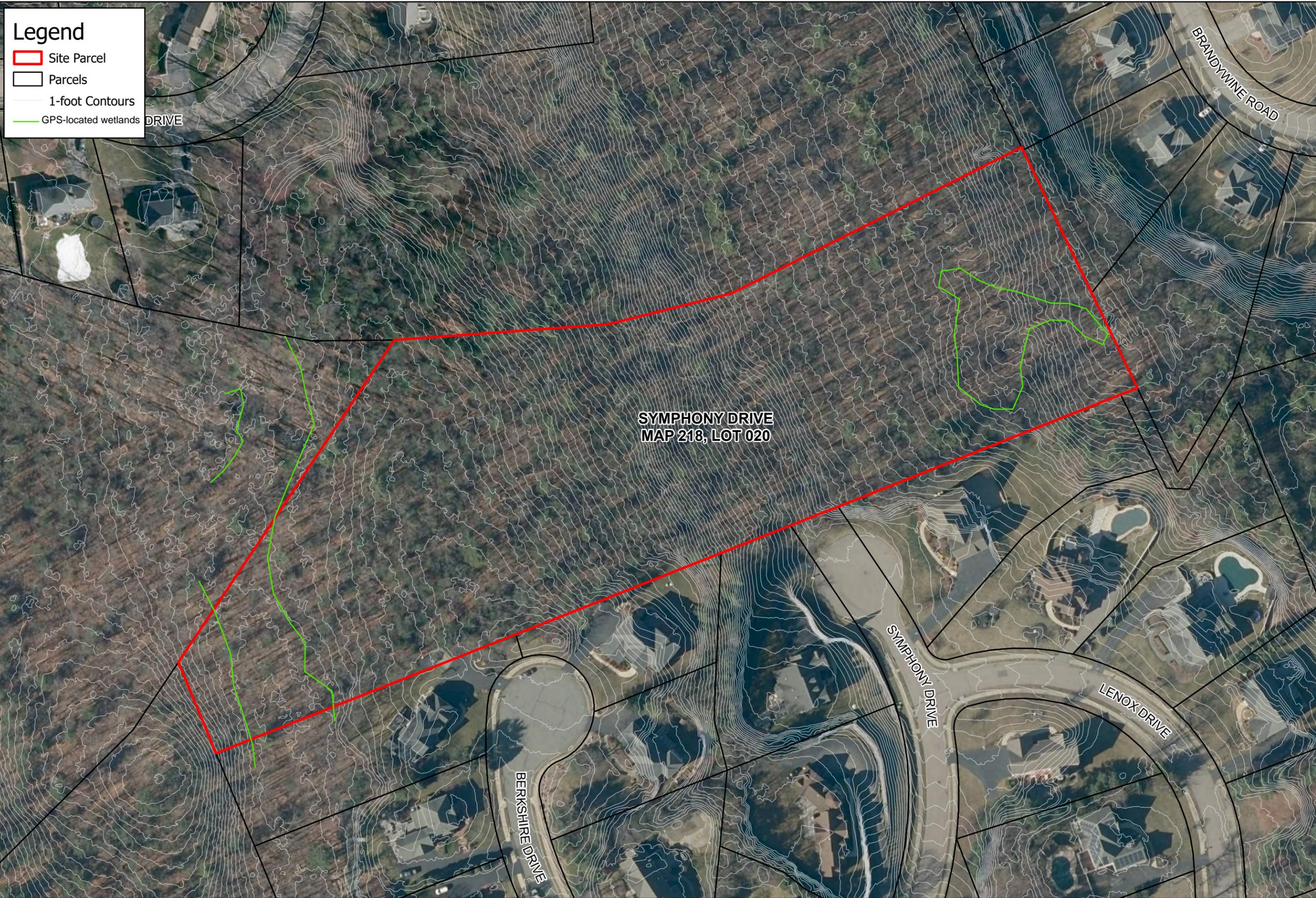


FIGURE 1
SITE LOCATION MAP

SYMPHONY DRIVE
FRANKLIN, MA





Legend

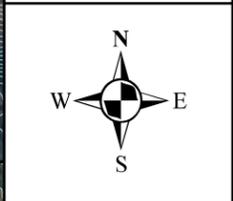
- Site Parcel
- Parcels
- 1-foot Contours
- GPS-located wetlands



1 INCH = 100 FEET

0" 1"

BAR IS ONE INCH ON ORIGINAL DRAWING



SYMPHONY DRIVE
FRANKLIN, MA

PROJECT NO.: 18170.58
DATE: NOVEMBER 2025
SCALE: AS NOTED

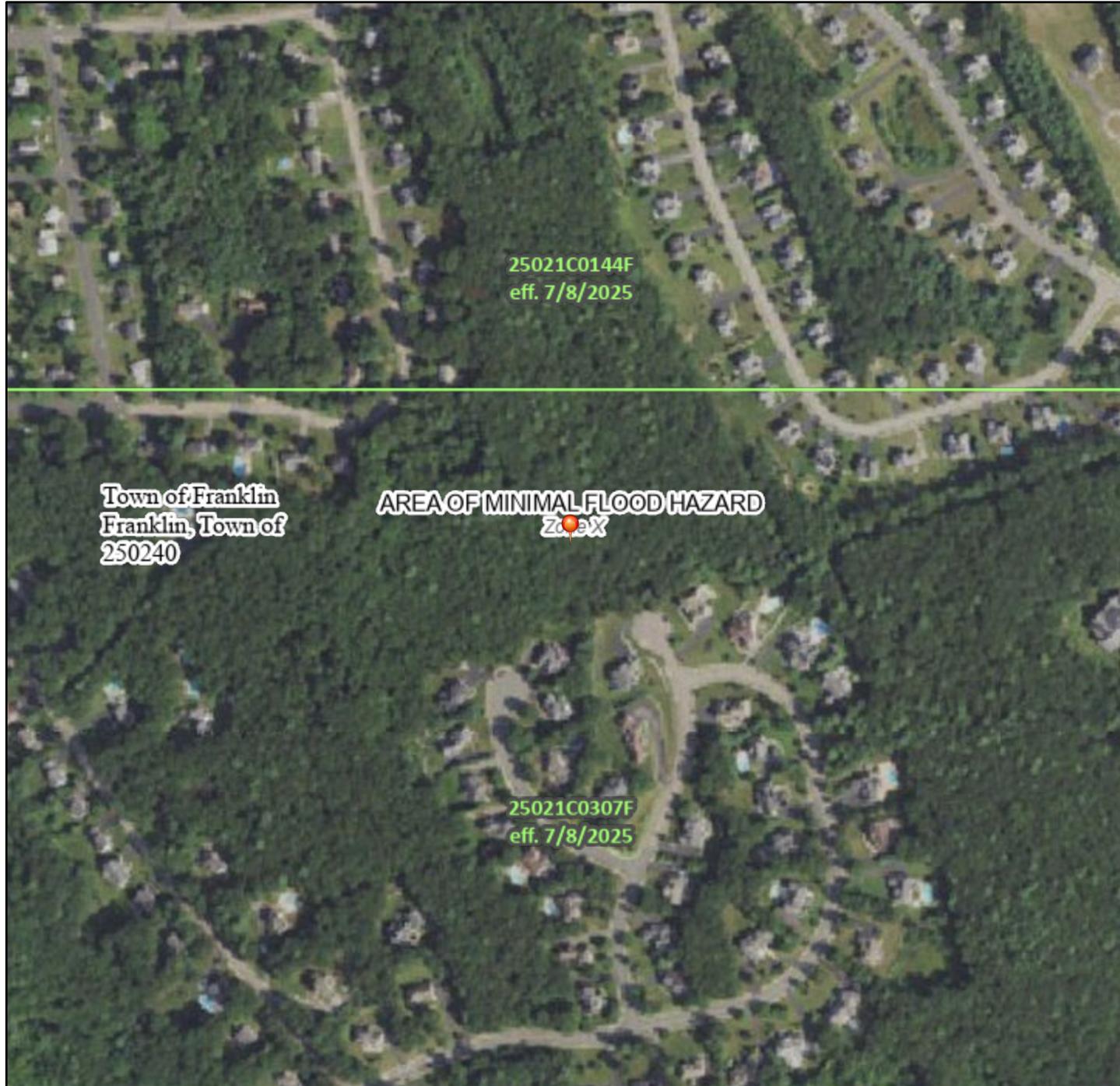
FIGURE 2:
ANNOTATED
AERIAL
PHOTOGRAPH

National Flood Hazard Layer FIRMMette



FIGURE 3

71°23'34"W 42°7'40"N



Legend

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

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | 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 <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance |
| | | 17.5 Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. |



1:6,000

71°22'57"W 42°7'13"N

Basemap Imagery Source: USGS National Map 2023

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 **11/10/2025 at 7:52 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Photo No. 1: Northwest edge of Wetland A, facing southeast toward Symphony Drive.



Photo No. 2: Small area of shallow flooding in Wetland A interior, facing southeast toward Symphony Drive.





Photo No. 3: Typical view of Wetland B bisecting west end of property.



Photo No. 4: View of PVP in Wetland B interior, offsite to the northwest.



BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: A6 UPLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: N/A

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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydic Soils criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Wetlands hydrology present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Water Table Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology <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	Indicators that can be Reliable with Proper Interpretation <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	Indicators of the Influence of Water <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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.	Red Oak	Quercus rubra		FACU	20.5	Yes	No
2.	White Oak	Quercus alba		FACU	10.5	No	No
3.	White Pine	Pinus strobus		FACU	20.5	Yes	No
4.	Red Maple	Acer rubrum		FAC	20.5	Yes	Yes
5.	American Beech	Fagus grandifolia		FACU	3.0	No	No
6.							
7.							
8.							
9.							
				<u>75.0</u> = Total Cover			
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.	Highbush Blueberry	Vaccinium corymbosum		FACW	10.5	Yes	Yes
2.	White Pine	Pinus strobus		FACU	10.5	Yes	No
3.	Yellow Birch	Betula sp		FAC	3.0	No	Yes
4.							
5.							
6.							
7.							
8.							
9.							
				<u>24.0</u> = Total Cover			
<u>Herb Stratum</u>		Plot size <u>5ft</u>					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.	Princess Pine	Lycopodium obscurum		FACU	10.5	Yes	No
2.	Cinnamon Fern	Osmunda cinnamomea		FACW	10.5	Yes	Yes
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
				<u>21.0</u> = Total Cover			

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size <u>30ft</u>				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
		0.0 = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 7	Number of dominant species that are wetland indicator plants 3	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species	21	X 2 = 42.00
	FAC species	24	X 3 = 70.50
	FACU species	76	X 4 = 304.00
	UPL species		X 5 = 0.00
	Column Totals	(A) 120.5	(B) 416.5
Prevalence Index		B/A = 3.46	
		Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetland vegetation criterion met?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

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 %

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: A6 WETLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: PFO1E

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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydic Soils criterion met?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Remarks, Photo Details, Flagging, etc.:
Isolated wetland at southeast corner of site. Mapped PVP nearby, but no basins found that appear to sustain flooding suitable for vernal pool habitat.

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches)	<u>10.00</u>

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"/> Hydrological records	<input checked="" type="checkbox"/> Direct observation of inundation
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input type="checkbox"/> Drainage patterns
<input type="checkbox"/> Iron deposits	<input checked="" type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits
<input type="checkbox"/> Thin muck surfaces	<input checked="" type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input checked="" type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input type="checkbox"/> Microtopographic relief
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
<input type="checkbox"/> Hydrogen sulfide odor		

Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):
Pocket of standing water 1-2" deep at wetland interior. Most of area appears to have a saturated hydrology.

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

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size ^{30ft} _____				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Red Maple	Acer rubrum	FAC	20.5	Yes	Yes
2.	Red Oak	Quercus rubra	FACU	20.5	Yes	No
3.	White Oak	Quercus alba	FACU	10.5	No	No
4.	White Pine	Pinus strobus	FACU	3.0	No	No
5.						
6.						
7.						
8.						
9.						
<u>54.5</u> = Total Cover						
<u>Shrub/Sapling Stratum</u>		Plot size ^{15ft} _____				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Green Ash	Fraxinus pennsylvanica	FACW	3.0	Yes	Yes
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	10.5	Yes	Yes
3.						
4.						
5.						
6.						
7.						
8.						
9.						
<u>13.5</u> = Total Cover						
<u>Herb Stratum</u>		Plot size ^{5ft} _____				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Cinnamon Fern	Osmunda cinnamomea	FACW	20.5	Yes	Yes
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
<u>20.5</u> = Total Cover						

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size ^{30ft} _____				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
<u>0.0</u> = Total Cover					

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 5	Number of dominant species that are wetland indicator plants 4	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species		X 2 = 0.00
	FAC species		X 3 = 0.00
	FACU species		X 4 = 0.00
	UPL species		X 5 = 0.00
	Column Totals	(A) 0	(B) 0
Prevalence Index		B/A = 0.00	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input type="checkbox"/>
Wetland vegetation criterion met?			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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 %

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: A16 UPLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: N/A

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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydic Soils criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Wetlands hydrology present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Water Table Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology <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	Indicators that can be Reliable with Proper Interpretation <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	Indicators of the Influence of Water <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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Red Maple	Acer rubrum	FAC	10.5	No	No
2.	Red Oak	Quercus rubra	FACU	38.0	Yes	No
3.	White Oak	Quercus alba	FACU	10.5	No	No
4.	White Pine	Pinus strobus	FACU	20.5	Yes	No
5.						
6.						
7.						
8.						
9.						
<u>79.5</u> = Total Cover						
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	White Pine	Pinus strobus	FACU	20.5	Yes	No
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	20.5	Yes	Yes
3.	Black Huckleberry	Gaylussacia baccata	FACU	38.0	Yes	No
4.						
5.						
6.						
7.						
8.						
9.						
<u>79.0</u> = Total Cover						
<u>Herb Stratum</u>		Plot size <u>5ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Princess Pine	Lycopodium obscurum	FACU	20.5	Yes	No
2.	Spotted Wintergreen	Chimaphila maculata	FACU	3.0	No	No
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
<u>23.5</u> = Total Cover						

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size <u>30ft</u>				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
<u>0.0</u> = Total Cover					

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 6	Number of dominant species that are wetland indicator plants 2	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species	21	X 2 = 41.00
	FAC species	11	X 3 = 31.50
	FACU species	151	X 4 = 604.00
	UPL species		X 5 = 0.00
	Column Totals	(A) 182	(B) 676.5
Prevalence Index		B/A = 3.72	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Wetland vegetation criterion met? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

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		
0-0.5	10YR 2/2	100.00					Hemic	Oe
0.5-3	10YR 2/1	100.00					FSL	A
3+							Refusal	Cr

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"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> 2 cm Muck (A10)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Red Parent Material (F21)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Very Shallow Dark Surface (F22)
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		
<input type="checkbox"/> Sandy Redox (S5)		<input type="checkbox"/> Other (Include Explanation in Remarks)
<input type="checkbox"/> Stripped Matrix (S6)		
<input type="checkbox"/> Dark Surface (S7)		

Restrictive Layer (if observed) Type: Rock Depth (inches): 3.00

Remarks: Hit rock at 3"

Hydric Soils criterion met? Yes No

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: A16 WETLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: PFO1E

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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydic Soils criterion met?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Remarks, Photo Details, Flagging, etc.:

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches)	<u>16.00</u>

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"/> Hydrological records	<input type="checkbox"/> Direct observation of inundation
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input checked="" type="checkbox"/> Drainage patterns
<input type="checkbox"/> Iron deposits	<input checked="" type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits
<input type="checkbox"/> Thin muck surfaces	<input type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input type="checkbox"/> Microtopographic relief
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
<input type="checkbox"/> Hydrogen sulfide odor		

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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>					
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)		
Common name		Scientific name					
1.	Red Maple	Acer rubrum	FAC	38.0	Yes	Yes	
2.	Red Oak	Quercus rubra	FACU	38.0	Yes	No	
3.	White Pine	Pinus strobus	FACU	10.5	No	No	
4.							
5.							
6.							
7.							
8.							
9.							
				<u>86.5</u>	= Total Cover		
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>					
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)		
Common name		Scientific name					
1.	Birch	Betula sp.	FAC	3.0	No	Yes	
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	38.0	Yes	Yes	
3.	White Pine	Pinus strobus	FACU	10.5	No	No	
4.	Black Huckleberry	Gaylussacia baccata	FACU	3.0	No	No	
5.							
6.							
7.							
8.							
9.							
				<u>54.5</u>	= Total Cover		
<u>Herb Stratum</u>		Plot size <u>5ft</u>					
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)		
Common name		Scientific name					
1.	Cinnamon Fern	Osmunda cinnamomea	FACW	10.5	Yes	Yes	
2.	Princess Pine	Lycopodium obscurum	FACU	3.0	Yes	No	
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
				<u>13.5</u>	= Total Cover		

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size ^{30ft} _____				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
<u>0.0</u> = Total Cover					

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 5	Number of dominant species that are wetland indicator plants 3	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species		X 2 = 0.00
	FAC species		X 3 = 0.00
	FACU species		X 4 = 0.00
	UPL species		X 5 = 0.00
	Column Totals	(A) ⁰	(B) ⁰
Prevalence Index		B/A = 0.00	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input type="checkbox"/>
Wetland vegetation criterion met? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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		
0-2	5YR 2.5/2	100.00						O
2-6	10YR 2/1	100.00					SL	A
6-20	10YR 3/3	70.00	10YR 2/1	30.00	C	M	SL	B; very rocky

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"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> 2 cm Muck (A10)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Red Parent Material (F21)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Very Shallow Dark Surface (F22)
<input checked="" type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		
<input type="checkbox"/> Sandy Redox (S5)		<input type="checkbox"/> Other (Include Explanation in Remarks)
<input type="checkbox"/> Stripped Matrix (S6)		
<input type="checkbox"/> Dark Surface (S7)		

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

Remarks: Dark streaking found throughout B-horzion; saturated at 16"

Hydric Soils criterion met? Yes No

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: B6 UPLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: N/A

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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydic Soils criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Wetlands hydrology present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Water Table Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology <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	Indicators that can be Reliable with Proper Interpretation <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	Indicators of the Influence of Water <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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Red Oak	Quercus rubra	FACU	38.0	Yes	No
2.	Red Maple	Acer rubrum	FAC	20.5	Yes	Yes
3.	White Pine	Pinus strobus	FACU	20.5	Yes	No
4.	Black Tupelo	Nyssa sylvatica	FAC	10.5	No	Yes
5.	White Oak	Quercus alba	FACU	10.5	No	No
6.						
7.						
8.						
9.						
<u>100.0</u> = Total Cover						
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	White Pine	Pinus strobus	FACU	10.5	No	No
2.	Highbush Blueberry	Vaccinium Corymbosum	FACW	20.5	Yes	Yes
3.	Black Huckleberry	Gaylussacia baccata	FACU	20.5	Yes	No
4.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	3.0	No	Yes
5.						
6.						
7.						
8.						
9.						
<u>54.5</u> = Total Cover						
<u>Herb Stratum</u>		Plot size <u>5ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Princess Pine	Lycopodium obscurum	FACU	10.5	Yes	No
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
<u>10.5</u> = Total Cover						

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size ^{30ft} _____				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
0.0 = Total Cover					

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 6	Number of dominant species that are wetland indicator plants 2	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species	21	X 2 = 41.00
	FAC species	34	X 3 = 102.00
	FACU species	111	X 4 = 442.00
	UPL species		X 5 = 0.00
	Column Totals	(A) ¹⁶⁵	(B) ⁵⁸⁵
Prevalence Index		B/A = 3.55	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Wetland vegetation criterion met?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

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 %

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: B6 Wetland

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: PFO1E

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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydic Soils criterion met?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Remarks, Photo Details, Flagging, etc.:
Isolated wetland extending offsite to north and south.

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches)	<u>8.00</u>

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"/> Hydrological records	<input type="checkbox"/> Direct observation of inundation
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input type="checkbox"/> Drainage patterns
<input type="checkbox"/> Iron deposits	<input checked="" type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits
<input type="checkbox"/> Thin muck surfaces	<input checked="" type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input checked="" type="checkbox"/> Microtopographic relief
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
<input type="checkbox"/> Hydrogen sulfide odor		

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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Red Maple	Acer rubrum	FAC	38.0	Yes	Yes
2.	White Pine	Pinus strobus	FACU	10.5	No	No
3.	Black Tupelo	Nyssa sylvatica	FAC	20.5	Yes	Yes
4.	Red Oak	Quercus rubra	FACU	10.5	No	No
5.						
6.						
7.						
8.						
9.						
<u>79.5</u> = Total Cover						
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	20.5	Yes	Yes
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	20.5	Yes	Yes
3.	Red Maple	Acer rubrum	FAC	10.5	No	Yes
4.	White Pine	Pinus strobus	FACU	10.5	No	No
5.						
6.						
7.						
8.						
9.						
<u>62.0</u> = Total Cover						
<u>Herb Stratum</u>		Plot size <u>5ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Princess Pine	Lycopodium obscurum	FACU	3.0	Yes	No
2.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	10.5	Yes	Yes
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
<u>13.5</u> = Total Cover						

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size <u>30ft</u>				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
		<u>0.0</u> = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 6	Number of dominant species that are wetland indicator plants 5	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species		X 2 = 0.00
	FAC species		X 3 = 0.00
	FACU species		X 4 = 0.00
	UPL species		X 5 = 0.00
	Column Totals	(A) 0	(B) 0
Prevalence Index		B/A = 0.00	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input type="checkbox"/>
Wetland vegetation criterion met?			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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		
0-2	5YR 2.5/2	100.00					Hemic	Oe
2-6	10YR 2/1	100.00					SL	A
6-12	10YR 4/3	70.00	10YR 2/1	20.00	D	M	SL	Bwu
			5YR 4/3	10.00	D	M		

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"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> 2 cm Muck (A10)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Red Parent Material (F21)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Very Shallow Dark Surface (F22)
<input checked="" type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		
<input type="checkbox"/> Sandy Redox (S5)		<input type="checkbox"/> Other (Include Explanation in Remarks)
<input type="checkbox"/> Stripped Matrix (S6)		
<input type="checkbox"/> Dark Surface (S7)		

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

Remarks: Dark mottling and redox within B-horizon

Hydric Soils criterion met? Yes No

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: B103 UPLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: N/A

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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydic Soils criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Wetlands hydrology present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Water Table Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology <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	Indicators that can be Reliable with Proper Interpretation <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	Indicators of the Influence of Water <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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Red Oak	Quercus rubra	FACU	63.0	Yes No
2.	Red Maple	Acer rubrum	FAC	20.5	Yes Yes
3.	Black Tupelo	Nyssa sylvatica	FAC	3.0	No Yes
4.					
5.					
6.					
7.					
8.					
9.					
<u>86.5</u> = Total Cover					
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	20.5	Yes Yes
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	10.5	Yes Yes
3.	White Pine	Pinus strobus	FACU	10.5	Yes No
4.					
5.					
6.					
7.					
8.					
9.					
<u>41.5</u> = Total Cover					
<u>Herb Stratum</u>		Plot size <u>5ft</u>			
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name			
1.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	10.5	Yes Yes
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
<u>10.5</u> = Total Cover					

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size <u>30ft</u>				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
		0.0 = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 6	Number of dominant species that are wetland indicator plants 4	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species	11	X 2 = 21.00
	FAC species	65	X 3 = 195.00
	FACU species	74	X 4 = 294.00
	UPL species		X 5 = 0.00
	Column Totals	(A) ¹⁴⁹	(B) ⁵¹⁰
Prevalence Index		B/A = 3.42	
Is the Prevalence Index ≤ 3.0?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Wetland vegetation criterion met? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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 %

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Symphony Drive City/Town: Franklin Sampling Date: 3/13/25

Applicant/Owner: _____ Sampling Point or Zone: B103 WETLAND

Investigator(s): Lauren H. Gluck, P.W.S. Latitude / Longitude: 42.123863, -71.387700

Soil Map Unit Name: 302C—Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony NWI or DEP Classification: PFO1E

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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydic Soils criterion met?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Remarks, Photo Details, Flagging, etc.:
Isolated wetland extending offsite to north and south.

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches)	_____
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches)	<u>12.00</u>

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"/> Hydrological records	<input type="checkbox"/> Direct observation of inundation
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input type="checkbox"/> Drainage patterns
<input type="checkbox"/> Iron deposits	<input checked="" type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits
<input type="checkbox"/> Thin muck surfaces	<input checked="" type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input checked="" type="checkbox"/> Microtopographic relief
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
<input type="checkbox"/> Hydrogen sulfide odor		

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.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Red Oak	Quercus rubra	FACU	20.5	Yes	No
2.	Red Maple	Acer rubrum	FAC	20.5	Yes	Yes
3.	White Pine	Pinus strobus	FACU	10.5	No	No
4.	Black Tupelo	Nyssa sylvatica	FAC	10.5	No	Yes
5.	Sassafras	Sassafras albidum	FACU	10.5	No	No
6.						
7.						
8.						
9.						
<u>72.5</u> = Total Cover						
<u>Shrub/Sapling Stratum</u>		Plot size <u>15ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	20.5	Yes	Yes
2.	Highbush Blueberry	Vaccinium corymbosum	FACW	20.5	Yes	Yes
3.	Red Maple	Acer rubrum	FAC	10.5	No	Yes
4.	Sassafras	Sassafras albidum	FACU	3.0	No	No
5.	White Pine	Pinus strobus	FACU	10.5	No	No
6.						
7.						
8.						
9.						
<u>65.0</u> = Total Cover						
<u>Herb Stratum</u>		Plot size <u>5ft</u>				
		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	
Common name		Scientific name				
1.	Coastal Sweet Pepperbush	Clethra alnifolia	FAC	10.5	Yes	Yes
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
<u>10.5</u> = Total Cover						

VEGETATION – continued.

<u>Woody Vine Stratum</u>	Plot size ^{30ft} _____				
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
<u>0.0</u> = Total Cover					

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Dominance Test:	Number of dominant species 6	Number of dominant species that are wetland indicator plants 5	Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Prevalence Index:		Total % Cover (all strata)	Multiply by:
	OBL species		X 1 = 0.00
	FACW species		X 2 = 0.00
	FAC species		X 3 = 0.00
	FACU species		X 4 = 0.00
	UPL species		X 5 = 0.00
	Column Totals	(A) 0	(B) 0
Prevalence Index		B/A = 0.00	
			Is the Prevalence Index ≤ 3.0? Yes <input type="checkbox"/> No <input type="checkbox"/>
Wetland vegetation criterion met?			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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		
0-1	10YR 2/2	100.00					Hemic	Oe
1-3	10YR 2/1	80.00	10YR 4/1	20.00	C	M	FSL	A
3-12	10YR 4/2	70.00	10YR 2/1	20.00	C	M	FSL	B
			7.5YR 3/4	10.00	C	M		

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"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> 2 cm Muck (A10)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Red Parent Material (F21)	
<input checked="" type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Very Shallow Dark Surface (F22)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> Sandy Mucky Mineral (S1)			
<input type="checkbox"/> Sandy Gleyed Matrix (S4)			
<input type="checkbox"/> Sandy Redox (S5)		<input type="checkbox"/> Other (Include Explanation in Remarks)	
<input type="checkbox"/> Stripped Matrix (S6)			
<input type="checkbox"/> Dark Surface (S7)			

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

Remarks: Mottling through out A and B-horizon

Hydric Soils criterion met? Yes No

APPENDIX C

*Stormwater Management Report