

**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  
E-mail: [mailbox@baycolonygroup.com](mailto:mailbox@baycolonygroup.com)

***Abbreviated Notice of  
Resource Area Delineation  
Walnut Street  
Foxborough, MA***

***May, 2022***

***Prepared by:***

Bay Colony Group, Inc.  
Four School Street  
Foxborough, MA 02035

***Prepared for:***

Walnut Street Joint Venture Developer LLC  
536 Granite Street  
Braintree, MA 02184

# Bay Colony Group, Inc.

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4 School Street, PO Box 9136  
Foxborough, Massachusetts 02035  
Telephone (508) 543-3939 • Fax (508) 543-8866  
E-mail: [mailbox@baycolonygroup.com](mailto:mailbox@baycolonygroup.com)

June 16, 2022

Mr. Robert W. Boette, Chairman  
Foxborough Conservation Commission  
40 School Street  
Foxborough, MA 02035

## **RE: Walnut Street ANRAD**

Dear Mr. Boette:

Enclosed please find an Abbreviated Notice of Resource Area Delineation (ANRAD) filed on behalf of Walnut Street Joint Venture Developer LLC for the parcel of land located on the southern side of Walnut Street (Map 133 Parcel 023) southwest of the intersection with Commercial Street (Rte.140). This filing is in accordance with Ch. 131, S. 40 Wetlands Protection Act in order to delineate resource areas on, and immediately off, the referenced property. Included in the filing is: WPA Form 4A – Abbreviated Notice of Resource Area Delineation, a wetland delineation report, an existing conditions plan showing the wetland delineation and a \$1012.50 check made payable to the Town of Foxborough which represents the filing fee under the Wetlands Protection Act. Neighbors will be notified by certified mail and a copy of the Form of Notification and the certified list of abutters is enclosed.

The property consists of a 15.57-acre parcel of land that is currently undeveloped and consists of a wooded area. The land is bordered by vacant land to the north, Route 140 to the east, Interstate 95 ramps to the southeast and by residential properties to the southwest, west and northwest. An Isolated Wetland is located in the northwest portion of the property. Bordering Vegetated Wetlands are located offsite to the east across Route 140 and to the north across Walnut Street.

The field work to delineate the wetlands and attached documentation were done by PARE Corporation in May, 2022. The wetland flags were located in an on the ground survey and plotted on a base topographic map by Bay Colony Group, Inc. which is included in the filing.

Thank you for your cooperation and we look forward to working with the Commission on this project.

Very truly yours,

**BAY COLONY GROUP, INC.**

A handwritten signature in blue ink, appearing to read "Will Buckley", with a long horizontal line extending to the right.

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

Encl.

**List of Documents**

Previous Page – Letter to Conservation Commission

WPA Form 4A – Abbreviated Notice of Resource Area Delineation  
NOI Wetlands Fee Transmittal Form  
Copy of checks

Form of Notification to Abutters  
List of Abutters

**Appendix A:**

Wetlands Delineation Report dated May 26, 2022 by Pare Corporation  
which includes a FEMA Firmette, and MassGIS overlay.

**Enclosure:**

Wetland Location Plan of Walnut Street Foxborough, MA  
dated May 25, 2022 by Bay Colony Group, Inc.



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of**  
**Resource Area Delineation**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
 Foxborough Wetlands Protection Bylaw, Chapter 267

Provided by MassDEP:

**157-**  
 MassDEP File Number

Foxborough  
 City/Town

**A. General Information**

1. Project Location (**Note:** electronic filers will click on button for GIS locator):

Walnut Street	Foxborough	02035
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	42°-02'-48.10"	71°-14'-48.10"
133	d. Latitude	e. Longitude
f. Assessors Map/Plat Number	023/000	
	g. Parcel /Lot Number	

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



2. Applicant:

Michael	Mattos	
a. First Name	b. Last Name	
Walnut Street Joint Venture Developer LLC		
c. Organization		
536 Granite Street		
d. Mailing Address		
Braintree	MA	02184
e. City/Town	f. State	g. Zip Code
781-794-1095	781-794-1001	
h. Phone Number	i. Fax Number	
j. Email Address		

3. Property owner (if different from applicant):

	<input type="checkbox"/> Check if more than one owner (attach additional sheet with names and contact information)	
a. First Name	b. Last Name	
Foxborough Housing Authority		
c. Organization		
90 North Carl Annon Court		
d. Mailing Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
508.543.5960		
h. Phone Number	i. Fax Number	j. Email Address

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

4. Representative (if any):

William	Buckley, Jr.	
a. Contact Person First Name	b. Contact Person Last Name	
Bay Colony Group, Inc.		
c. Organization		
4 School Street		
d. Mailing Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
508.543.3939	508.543.8866	billbuckley@baycolonygroup.com
h. Phone Number	i. Fax Number	j. Email Address

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

\$2,000	\$987.50	\$1012.50	
a. Total WPA Fees Paid	b. WPA Fee Paid to State		d. Bylaw Fee Paid to Town

Fees will be calculated for online users.



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of  
 Resource Area Delineation**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
 Foxborough Wetlands Protection Bylaw, Chapter 267

Provided by MassDEP:

**157-**

MassDEP File Number

Foxborough

City/Town

**B. Area(s) Delineated**

1. Bordering Vegetated Wetland (BVW) 801  
Linear Feet of Boundary Delineated
2. Check all methods used to delineate the Bordering Vegetated Wetland (BVW) boundary:
  - a.  MassDEP BVW Field Data Form (attached)
  - b.  Other Methods for Determining the BVW boundary (attach documentation):
    1.  50% or more wetland indicator plants
    2.  Saturated/inundated conditions exist
    3.  Groundwater indicators
    4.  Direct observation
    5.  Hydric soil indicators
    6.  Credible evidence of conditions prior to disturbance
3. Indicate any other resource area boundaries that are delineated:

Isolated Land Subject to Flooding

a. Resource Area

1,206

b. Linear Feet Delineated

c. Resource Area

d. Linear Feet Delineated

Bylaw Chapter 267 - 25 Foot No Activity Zone

e. Resource Area

f. Linear Feet Delineated

Bylaw Chapter 267 - 100 Foot Vernal Pool No Activity Zone

g. Resource Area

h. Linear Feet Delineated

**C. Additional Information**

Applicants must include the following plans with this Abbreviated Notice of Resource Area Delineation. See instructions for details.

1.  ANRAD (Delineation Plans only)
2.  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.
3.  Plans identifying the boundaries of the Bordering Vegetated Wetlands (BVW) (and/or other resource areas, if applicable).
4.  List the titles and final revision dates for all plans and other materials submitted with this Abbreviated Notice of Resource Area Delineation.



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of  
Resource Area Delineation**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
Foxborough Wetlands Protection Bylaw, Chapter 267

Provided by MassDEP:

**157-**

MassDEP File Number

Foxborough

City/Town

**D. Fees**

The fees for work proposed under each Abbreviated Notice of Resource Area Delineation must be calculated and submitted to the Conservation Commission and the Department (see Instructions and Wetland Fee Transmittal Form).

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 the attached Wetland Fee Transmittal Form) to confirm fee payment:

13061

2. Municipal Check Number (State WPA Fee)

6/7/2022

3. Check date

13061

4. Municipal Check Number (Foxborough Bylaw Fee)

6/7/2022

5. Check date

13059

6. State Check Number

6/7/2022

7. Check date

Affordable Housing & Services Collaborative, Inc.

8. Payor name on check: First Name

9. Payor name on check: Last Name



**WPA Form 4A – Abbreviated Notice of  
Resource Area Delineation**

**157-**

MassDEP File Number

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
Foxborough Wetlands Protection Bylaw, Chapter 267

Foxborough  
City/Town

**E. Signatures**

I certify under the penalties of perjury that the foregoing Abbreviated Notice of Resource Area Delineation 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 in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

I hereby grant permission, to the Agent or member of the Conservation Commission and the Department of Environmental Protection, to enter and inspect the area subject to this Notice at reasonable hours to evaluate the wetland resource boundaries subject to this Notice, and to require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

I acknowledge that failure to comply with these certification requirements is grounds for the Conservation Commission or the Department to take enforcement action.

1. Signature of Applicant		2. Date	6/8/2022
3. Signature of Property Owner (if different)	Chairman Deborah Young Arkey	4. Date	6/8/2022
5. Signature of Representative (if any)		6. Date	6/16/2022

**Tax Collector's Release**

The above referenced applicant is applying for a permit from the Conservation Commission and is in good standing with respect to any taxes, fees, assessments, betterments or other municipal charges as recorded with the Foxborough Treasurer's Office.

1. Signature of Tax Collector or Agent	2. Date
--	---------

**For Conservation Commission:**

One original and seven copies of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; one copy of the ANRAD Wetland Fee Transmittal Form; and the town fee payment (State and Bylaw) must be sent to the Conservation Commission by certified mail or hand delivery (see instructions on fee transmittal form, below).

Foxborough Conservation Commission  
40 South Street  
Foxborough, MA 02035

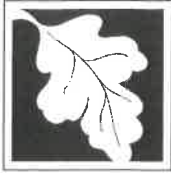
**For MassDEP:**

One copy of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; one copy of the ANRAD Wetland Fee Transmittal Form; and a copy of the state fee payment must be sent to the MassDEP Regional Office by certified mail or hand delivery.

MassDEP, Southeast Regional Office  
20 Riverside Drive  
Lakeville, MA 02347

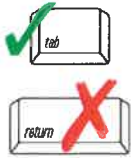
The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Abbreviated Notice of Resource Area Delineation.





**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**ANRAD Wetland Fee Transmittal Form**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
 Foxborough Wetlands Protection Bylaw, Chapter 267

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



**A. Applicant Information**

1. Location of Project:

Walnut Street	Foxborough
a. Street Address	b. City/Town
\$978.50	13059
c. Fee amount	d. Check number

2. Applicant:

Michael	Mattos	Walnut Street Joint Venture
a. First Name	b. Last Name	Developer LLC
536 Granite Street		
d. Mailing Address		
Braintree	MA	02184
e. City/Town	f. State	g. Zip Code
781-794-1095		
h. Phone Number		

3. Property Owner (if different):

		Foxborough Housing Authority
a. First Name	b. Last Name	c. Company
90 North Carl Annon Court		
d. Mailing Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
508-543-5960		
h. Phone Number		

**B. Fees**

**State Fees**

The State fee is calculated as follows for each Resource Area Delineation included in the ANRAD (check applicable project type). The maximum fee for each ANRAD, regardless of the number of Resource Area Delineations, is \$200 activities associated with a single-family house and \$2,000 for any other activity.

Bordering Vegetated Wetland Delineation Fee:

check box if fee exempt.

1. <input type="checkbox"/> single family house project	a. linear feet of BVW	x \$2.00 =	b. Fee for BVW
2. <input checked="" type="checkbox"/> all other projects	801	\$1,602	\$1,602
	a. linear feet of BVW	x \$2.00 =	b. Fee for BVW

Other Resource Area (e.g., bank, riverfront area, etc.):

3. <input type="checkbox"/> single family house project	a. linear feet	x \$2.00 =	b. Fee
4. <input checked="" type="checkbox"/> all other projects	1,206	\$2,412	\$2,412
	a. linear feet	x \$2.00 =	b. Fee

Total State Fee for all Resource Areas: \$2,000  
 Fee

State share of filing fee: \$987.50  
 5. 1/2 of total fee less \$12.50

Town share of State filing fee: \$1012.50  
 6. 1/2 of total fee plus \$12.50



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**ANRAD Wetland Fee Transmittal Form**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
 Foxborough Wetlands Protection Bylaw, Chapter 267

**B. Fees (continued)**

**Bylaw Fees**

The Bylaw fee is calculated as follows for **each** Resource Area Delineation included in the ANRAD (check applicable project type). The maximum fee for each ANRAD, regardless of the number of Resource Areas delineated, is \$200 for activities associated with a single-family house and \$2,000 for any other activity.

Bordering Vegetated Wetland Delineation Fee:

- |                             |                             |                             |                  |                      |
|-----------------------------|-----------------------------|-----------------------------|------------------|----------------------|
| 1. <input type="checkbox"/> | single family house project | a. linear feet of BVW _____ | x \$2.00 = _____ | b. Fee for BVW _____ |
| 2. <input type="checkbox"/> | all other projects          | a. linear feet of BVW _____ | x \$2.00 = _____ | b. Fee for BVW _____ |

Other Resource Areas (e.g., bank, riverfront area, Land Subject to Flooding, etc.):

- |                             |                             |                      |                  |              |
|-----------------------------|-----------------------------|----------------------|------------------|--------------|
| 3. <input type="checkbox"/> | single family house project | a. linear feet _____ | x \$2.00 = _____ | b. Fee _____ |
| 4. <input type="checkbox"/> | all other projects          | a. linear feet _____ | x \$2.00 = _____ | b. Fee _____ |

Total Bylaw Fee for all Resource Areas: \_\_\_\_\_ Fee \_\_\_\_\_

**C. Submittal Requirements**

- a.) Send a copy of this form, with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts, to:

Department of Environmental Protection  
 Box 4062  
 Boston, MA 02211

- b.) **To the Foxborough Conservation Commission:** Send one **copy** of this form with the ANRAD application and the town application fee payments (Bylaw fee and town share of State fee), made payable to the Town of Foxborough, to:

Foxborough Conservation Commission  
 40 South Street  
 Foxborough, MA 02035

- c.) **To DEP Regional Office:** Send one copy of the Abbreviated Notice of Resource Area Delineation (and any additional documentation required as part of a Simplified Review Buffer Zone Project); a **copy** of this form; and a **copy** of the state fee payment.

MassDEP  
 Southeast Regional Office  
 20 riverside Drive  
 Lakeville, MA 02347

AFFORDABLE HOUSING & SERVICES COLLABORATIVE,  
INC.  
COMM001--COMMONWEALTH OF MASSACHUSETTS

13059  
CITIZENS BANK  
9950-11200-OPERATING 7325  
Date: 06/07/2022

Date	Invoice #	Reference Number	Location	Amount Entered	Term Discount	Amount Paid
Acct	Memo	Department ID				
06/07/2022	9950-060722		Affordab...Collabor	\$987.50	\$0.00	\$987.50
66409--PREDEV. COSTS - O	AHRAD FILING FOR FOXBOROUGH PROJECT					
Net Amount:						\$987.50

Page 1 of 1

AFFORDABLE HOUSING & SERVICES COLLABORATIVE,  
INC.  
COMM001--COMMONWEALTH OF MASSACHUSETTS

13059  
CITIZENS BANK  
9950-11200-OPERATING 7325  
Date: 06/07/2022

Date	Invoice #	Reference Number	Location	Amount Entered	Term Discount	Amount Paid
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06/07/2022	9950-060722		Affordab...Collabor	\$987.50	\$0.00	\$987.50
66409--PREDEV. COSTS - O	AHRAD FILING FOR FOXBOROUGH PROJECT					
Net Amount:						\$987.50

Page 1 of 1

TO VERIFY AUTHENTICITY, SEE REVERSE SIDE FOR DESCRIPTION OF THE 13 SECURITY FEATURES

AFFORDABLE HOUSING & SERVICES  
COLLABORATIVE, INC.

C/O PEABODY PROPERTIES, INC.  
536 GRANITE ST  
BRAintree, MA 02184  
781-794-1000

CITIZENS BANK  
5-7017/2110

13059

Date: 06/07/2022

Pay To  
The Order Of

COMMONWEALTH OF MASSACHUSETTS

\*\*\*Nine Hundred Eighty Seven Dollars and 50 Cents\*\*\*

\$\*\*987.50\*\*

COMMONWEALTH OF MASSACHUSETTS



VOID AFTER 180 DAYS

AFFORDABLE HOUSING & SERVICES COLLABORATIVE,  
INC.

FOXB9800--TOWN OF FOXBOROUGH

13061  
CITIZENS BANK  
9950-11200-OPERATING 7325  
Date: 06/07/2022

Date	Invoice #	Reference Number	Location	Amount Entered	Amount Paid
06/07/2022	9950-060722.1				
66409--PREDEV. COSTS - O	ANRAD FILING FOR FOXBOROUGH PROJECT		Affordab...Collabor	\$1,012.50	\$1,012.50
Net Amount:					\$1,012.50

Page 1 of 1

AFFORDABLE HOUSING & SERVICES COLLABORATIVE,  
INC.

FOXB9800--TOWN OF FOXBOROUGH

13061  
CITIZENS BANK  
9950-11200-OPERATING 7325  
Date: 06/07/2022

Date	Invoice #	Reference Number	Location	Amount Entered	Amount Paid
06/07/2022	9950-060722.1				
66409--PREDEV. COSTS - O	ANRAD FILING FOR FOXBOROUGH PROJECT		Affordab...Collabor	\$1,012.50	\$1,012.50
Net Amount:					\$1,012.50

Page 1 of 1

TO VERIFY AUTHENTICITY, SEE REVERSE SIDE FOR DESCRIPTION OF THE 13 SECURITY FEATURES

AFFORDABLE HOUSING & SERVICES  
COLLABORATIVE, INC.

C/O PEABODY PROPERTIES, INC.

536 GRANITE ST  
BRAINTREE, MA 02184  
781-794-1000

Pay To  
The Order Of **TOWN OF FOXBOROUGH**

CITIZENS BANK  
5-70172110

13061

Date: 06/07/2022

\*\*\*One Thousand Twelve Dollars and 50 Cents\*\*\*

\$\*\*1,012.50\*\*

TOWN OF FOXBOROUGH



VOID AFTER 180 DAYS

## NOTIFICATION TO ABUTTERS

### Under the Massachusetts Wetlands Protection Act & Chapter 267, Wetland Protection Code of Foxborough

*(This form must be completed and mailed, certified mail return receipt requested,  
to all abutters within 100 feet of the proposed project's activity.)*

In accordance with the second paragraph of Massachusetts Wetlands Protection Act (G.L. Ch. 131, §40), and §10.05 of 310 CMR 10.00, and Chapter 267, the Wetland Protection Code of Foxborough (*formerly Article IX*) and regulations, you are hereby notified of a public hearing on the matter described below:

- A. The applicant has filed an Abbreviated Notice of Resource Area Delineation with the Foxborough Conservation Commission for the delineation of areas subject to protection under the Wetlands Protection Act and the Wetland Protection Code of Foxborough.
- B. The name of the applicant is Walnut Street Joint Venture Developer LLC
- C. The address of the land where the activity is proposed is Walnut Street ( Map 133 Parcel 23), Foxborough.
- D. Copies of the Abbreviated Notice of Resource Area Delineation may be examined at the Conservation Commission's office, 40 South Street, Foxborough Town Hall, between 9 am and 4 pm, Monday through Thursday.
- E. Copies of the Abbreviated Notice of Resource Area Delineation may be obtained from either (*check one*) the  applicant or the  applicant's representative Bay Colony Group, Inc. by calling 508.543.3939 from [*times*] 8:00 am – 4:30 pm on [*days*] Monday through Friday.
- F. Information regarding the date, time and place of the public hearing may be obtained from either (*check one*) the  applicant or the  applicant's representative Bay Colony Group, Inc. by calling 508.543.3939 from [*times*] 8:00 am – 4:30 pma on [*day*] Monday through Friday.

Please Note: Notice of the public hearing, including date, time and place, will be published at least five business days in advance in The Foxboro Reporter and will be posted in the Town Hall and on the Town's website at least 48 hours in advance.

Conservation Commission meeting agendas may be viewed online at:  
[http://www.foxboroughma.gov/Pages/FoxboroughMA\\_ConsAgendas/](http://www.foxboroughma.gov/Pages/FoxboroughMA_ConsAgendas/)

For additional information about this application or the Wetland Protection Code of Foxborough, please contact the Foxborough Conservation Commission at 508-543-1251 or visit: [www.foxboroughma.gov/conservation](http://www.foxboroughma.gov/conservation)

For more information about this application or the Wetlands Protection Act, please contact the Department of Environmental Protection (DEP) Southeast Regional Office (Lakeville) at 508-946-2836.

Abutting Properties for  
WALNUT STREET FOXBOROUGH, MA  
02035  
133/ / 023/000 000/000  
(100 Feet)

---

Location:  
120/ / 008/000 000/000  
WALNUT STREET  
Owner:  
COMMONWEALTH OF MA  
1 ASHBURTON PLACE  
4TH FL  
BOSTON, MA 02408

Location:  
133/ / 025/000 000/000  
41 WALNUT STREET  
Owner:  
JOHNSON SCOTT E  
41 WALNUT STREET  
FOXBOROUGH, MA 02035-0000

Location:  
145/ / 004/000 000/000  
52 NORTH HIGH STREET  
Owner:  
GRAY JOHN R & KATHLEEN TRS  
52 NORTH HIGH STREET  
FOXBOROUGH, MA 02035

Location:  
145/ / 007/000 000/000  
58 NORTH HIGH STREET  
Owner:  
PROSSER NATALIE R  
58 NORTH HIGH STREET  
FOXBOROUGH, MA 02035

Location:  
145/ / 010/000 000/000  
64 NORTH HIGH STREET  
Owner:  
WESCHE CHRISTOPHER & COURTNEY  
TE  
64 NORTH HIGH STREET  
FOXBOROUGH, MA 02035

Location:  
133/ / 024/000 000/000  
44 WALNUT STREET  
Owner:  
AYOUB MAROUN Y & DIANA M TE  
44 WALNUT STREET  
FOXBOROUGH, MA 02035

Location:  
133/ / 024/000 000/000  
45 WALNUT STREET  
Owner:  
MCNAMARA KYLE  
45 WALNUT STREET  
FOXBOROUGH, MA 02035

Location:  
145/ / 005/000 000/000  
54 NORTH HIGH STREET  
Owner:  
BODLE MIKALA & ALEXANDER  
SUMMERHAYES JT  
54 NORTH HIGH ST  
FOXBOROUGH, MA 02035

Location:  
145/ / 008/000 000/000  
60 NORTH HIGH STREET  
Owner:  
COSSETTE SHAYNE T  
60 NORTH HIGH ST  
FOXBORO, MA 02035

Location:  
145/ / 011/000 000/000  
NORTH HIGH STREET  
Owner:  
TOWN OF FOXBOROUGH  
40 SOUTH STREET  
FOXBOROUGH, MA 02035-0000

Location:  
133/ / 021/000 000/000  
46 WALNUT STREET  
Owner:  
OLEARY JAMES M, TIMOTHY F &  
JANINE KRULA  
16 MEADE STREET  
WAREHAM, MA 02571

Location:  
145/ / 002/000 000/000  
44 NORTH HIGH STREET  
Owner:  
LEVERONE NINA M  
44 NORTH HIGH STREET  
FOXBOROUGH, MA 02035

Location:  
145/ / 006/000 000/000  
56 NORTH HIGH STREET  
Owner:  
GALLEY EDWARD J JR  
56 NORTH HIGH STREET  
FOXBOROUGH, MA 02035-0000

Location:  
145/ / 009/000 000/000  
62 NORTH HIGH STREET  
Owner:  
OLLIS CHARLES E JR  
62 NORTH HIGH ST  
FOXBORO, MA 02035-0000

Location:  
145/ / 003/000 000/000  
50 NORTH HIGH STREET  
Owner:  
PAPPAS GEORGE M  
50 NORTH HIGH STREET  
FOXBOROUGH, MA 02035

**Appendix A – Wetland Delineation Report  
MassGIS Overlay  
FEMA Firmette**



May 26, 2022

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

**Re: Wetland Delineation**  
**Map 133, Lot 023 - Walnut Street**  
**Foxborough, MA**  
Pare Project No. 18170.33

Dear Mr. Buckley,

Pare Corporation (Pare) delineated the wetland resource areas on and affecting the parcel of land designated as Lot 023 on Foxborough Assessor's Map 133 (the site). The site is an approximately 16-acre parcel of undeveloped wooded land bounded by Walnut Street to the north, Route 140 (Commercial Street) to the east, the Route 140/Route 95 interchange to the south, and residential development to the west. The delineations were completed to establish the limits of wetlands and Buffer Zones that may impact future development on the property. Pare's investigations and delineations of wetlands were completed on May 10 and May 17, 2022.

The following report describes the delineated wetlands, discusses the delineation methodology, and summarizes review of available 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 for the area, annotated photographs of the site wetlands, and completed BVW Data Forms.

## **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, 1995) 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 the wetland/upland border, and along the edges of a non-jurisdictional drainage channel. 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. Banks were delineated according to first observable break in slope. During the delineation, BVW Data Forms were completed for representative plots along the wetland/upland border.







## WETLAND DESCRIPTIONS

### *Wetland A*

Flag series A-1 to A-32 defines the wetland/upland border of an area of **Isolated Freshwater Wetland** at the northwest side of the subject property. The series begins and ends at the northeast side of the wetland and extends counterclockwise around the wetland perimeter. The wetland edge is generally located along the toe of gradual slopes surrounding a low spot in the landscape. The wetland has a surface area of 70,140 square feet (1.6 acres) and a majority of the area appears to be seasonally flooded. Due to the size of the wetland, it appears likely that the area qualifies as **Isolated Land Subject to Flooding (ILSF)** under the Massachusetts Wetlands Protection Act Regulations (WPA Regulations). There are no buffer zones associated with ILSF under the WPA Regulations.

The wetland has a transitional hydrology, ranging from seasonally saturated along the wetland edges to seasonally flooded areas at the wetland interior. The wetland appears to be fed by groundwater and surface water. The area appears to receive runoff from the surrounding developed and undeveloped uplands, including the residential properties to the west of the lot. Indicators of wetland hydrology included water-stained leaves, mound-and-pool microrelief, saturated soils, buttressed tree trunks, and shallow root systems on woody vegetation. The wetland is dominated by a mixture of deciduous trees including Red Maple (*Acer rubrum*), Red Oak (*Quercus rubra*), and White Oak (*Quercus alba*), the latter two species exhibiting significant shallow, buttressed root systems (hydromorphic adaptation). The majority of the area has a dense understory of shrubs dominated by Sweet Pepperbush (*Clethra alnifolia*). Vegetation located within the wetland included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
Red Oak	<i>Quercus rubra</i>	FACU*
White Oak	<i>Quercus alba</i>	FACU*
White Pine	<i>Pinus strobus</i>	FACU*
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Witch Hazel	<i>Hamamelis virginiana</i>	FAC
Highbush Blueberry	<i>Vaccinium corymbosum</i>	FACW
Arrowwood	<i>Viburnum dentatum</i>	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Sensitive Fern	<i>Onoclea sensibilis</i>	FACW
New York Fern	<i>Thelypteris noveboracensis</i>	FAC

\*Shallow root systems indicate adaptation to wetland hydrology

### *Wetland B*

Flag series B-1 to B-9 defines the wetland/upland border of an offsite **Bordering Vegetated Wetland** east of Route 140, to the southeast of the intersection with Walnut Street. The edge was delineated to determine the extent of the associated **100-foot Buffer Zone** that may encroach onto the property. A drainage outfall, which appears to connect with Wetland C and a non-jurisdictional drainage swale (described in a later section), enters the wetland between B-7 and B-8. The wetland edge is generally located along the toe of a well-defined slope along the road shoulder and is dominated by Red Maple with a dense shrub understory. Vegetation located within the wetland included, but was not limited to, the following species:



Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
White Pine	<i>Pinus strobus</i>	FACU*
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Witch Hazel	<i>Hamamelis virginiana</i>	FAC
Meadowsweet	<i>Spiraea alba</i>	FACW
Arrowwood	<i>Viburnum dentatum</i>	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Poison Ivy	<i>Toxicodendron radicans</i>	FAC
Oriental Bittersweet	<i>Celastrus orbiculatus</i>	UPL

\*Shallow root systems indicate adaptation to hydric soil conditions

### *Wetland C*

Flag series C-1 to C-17 and C-100 to C-105 define the wetland/upland border of an offsite **Bordering Vegetated Wetland** north of Walnut Street. The edge was delineated to determine the extent of the associated **100-foot Buffer Zone** that may encroach onto the property. Series C-1 to C-17 follows a gradual, rocky wooded slope that transitions from seasonally saturated areas to a seasonally flooded interior. Series C-100 to C-105, located a short distance east, defines a seasonally flooded area extending to the north shoulder of Walnut Street. A culvert in a concrete headwall conveys flow from an intermittent stream channel in the wetland interior, and survey data indicates that the culvert connects with the B-series BVW opposite Route 140. The wetland is dominated by Red Maple and White Pine, with a dense shrub understory in most locations. Vegetation located within the wetland included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
White Pine	<i>Pinus strobus</i>	FACU*
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Witch Hazel	<i>Hamamelis virginiana</i>	FAC
Meadowsweet	<i>Spiraea alba</i>	FACW
Arrowwood	<i>Viburnum dentatum</i>	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Poison Ivy	<i>Toxicodendron radicans</i>	FAC
Oriental Bittersweet	<i>Celastrus orbiculatus</i>	UPL

\*Shallow root systems indicate adaptation to hydric soil conditions

### *Non-Jurisdictional Drainage Swale*

Flag series CH-1 to CH-16 and CH-100 to CH-115 define the north and south edges of a linear drainage swale that follows the south shoulder of Walnut Street along the north edge of the site. The swale enters a catch basin at the northeast corner of the site, and survey data indicates that it connects with a drainage line under Route 140 conveying flow from the C-series BVW, ultimately discharging to the B-series BVW. No water was observed within the swale during the delineation; however water staining and scour indicate that the feature passes stormwater from the adjacent roadway and overland runoff from the site. The swale is located upgradient of wetland areas, and therefore does not meet the definition of “Stream” provided in 310 CMR 10.04 of the WPA Regulations.



Mr. William Buckley

(4)

May 26, 2022

## REVIEW OF PUBLISHED MAPPING

Review of published mapping and relevant MassGIS data layers on May 26, 2022 revealed the following:

- No Certified Vernal Pools (CVPs) or Potential Vernal Pools (PVPs) are located on the subject property.
- There is no mapped Priority or Estimated Habitat of Rare Species on the site.
- 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 Foxborough (Map No. 25021C0361E, revised July 17, 2012, attached as Figure 3), there is no 100-year Floodplain on the site.

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,

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

LHG/



### SITE LOCATION MAP

SCALE: 1" = 2,000'



8 BLACKSTONE VALLEY PLACE  
 LINCOLN, RI 02865  
 (401) 334-4100

10 LINCOLN ROAD, SUITE 210  
 FOXBORO, MA 02035  
 (508) 543-1755

PARE PROJECT No. 18170.33

MAY 2022

### FIGURE 1

MAP 133 LOT 023  
 WALNUT SREET  
 FOXBORO, MA

WETLAND DELINEATION REPORT



## ANNOTATED AERIAL PHOTOGRAPH

SCALE: 1" = 300'



8 BLACKSTONE VALLEY PLACE  
LINCOLN, RI 02865  
(401) 334-4100

10 LINCOLN ROAD, SUITE 210  
FOXBORO, MA 02035  
(508) 543-1755

PARE PROJECT No. 18170.33

MAY 2022

## FIGURE 2

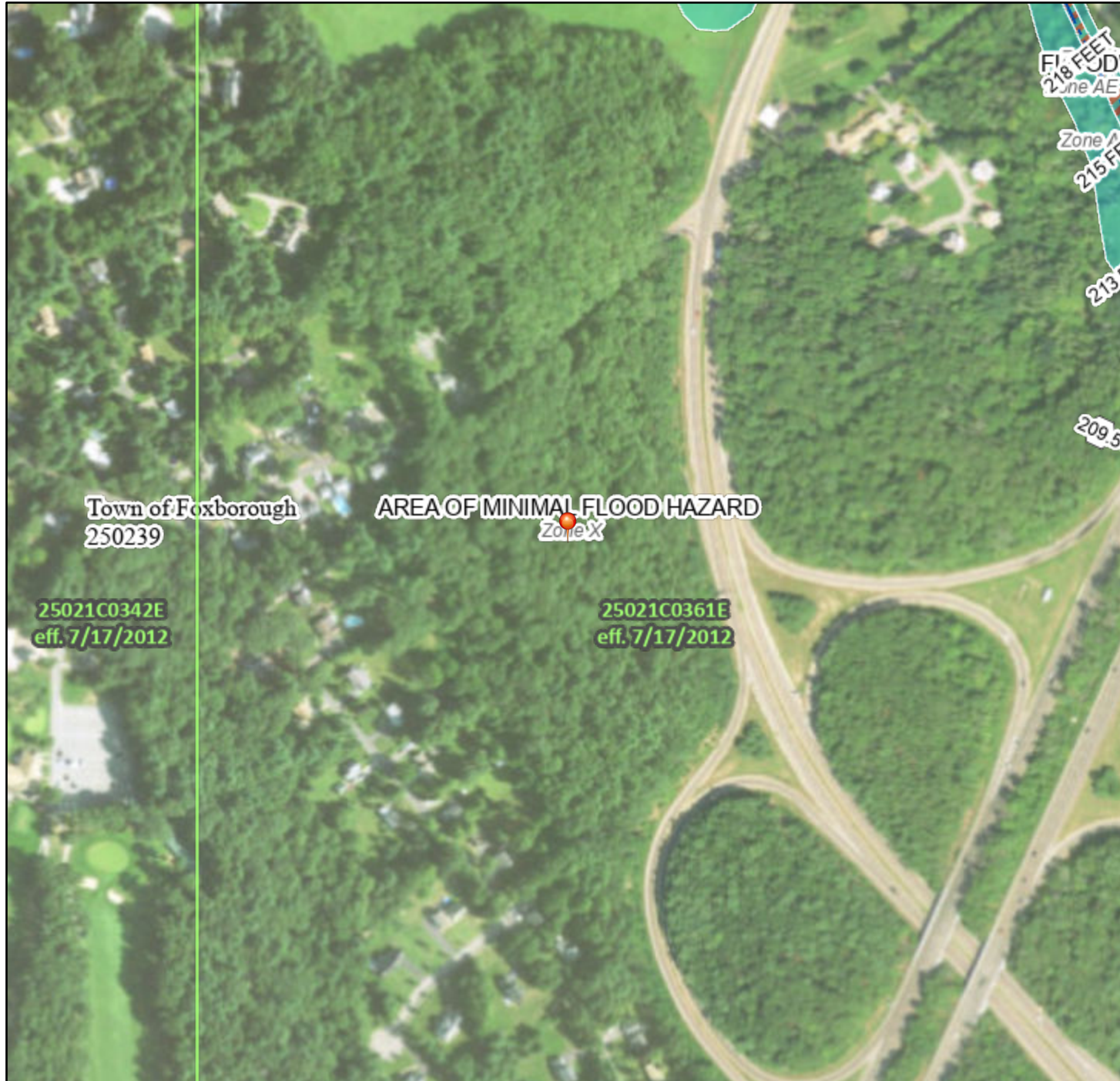
MAP 133 LOT 023  
WALNUT SREET  
FOXBORO, MA

WETLAND DELINEATION REPORT

# National Flood Hazard Layer FIRMMette



71°15'6"W 42°2'59"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

71°14'29"W 42°2'32"N

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/18/2022 at 7:20 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 1: Typical view of A-series Isolated Wetland edge.**



**Photo 2: Shallow pockets of flooding in A-series Isolated Wetland interior.**





**Photo 3: Non jurisdictional drainage swale (CH series) along south shoulder of Walnut Street.**



**Photo 4: View of B-series BVW edge along Route 140 shoulder.**







Photo 5: Typical view of C-series BVW edge north of Walnut Street.



Photo 6: Culvert passing flow from C-series BVW into drainage pipe under Walnut Street.

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 1    Transect Number: A (Wetland Station)    5'± D/G WF A-18    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25(20.5)	28	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	14	N	
Red Oak ( <i>Quercus rubra</i> )	16-25(20.5)	28	Y	FACU*(Buttressed Roots)
White Oak ( <i>Quercus alba</i> )	6-15 (10.5)	14	N	
American Beech ( <i>Fagus grandifolia</i> )	6-15 (10.5)	14	N	
<b>Total</b>	72.5	98**		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	50	Y	FAC*
<b>Total</b>	10.5	100		
<b>Shrub</b> Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	16-25 (20.5)	25	Y	FACW*
Sweet Pepperbush ( <i>Clethra alnifolia</i> )	51-75 (63.0)	75	Y	FAC*
<b>Total</b>	83.5			
<b>Herb</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	6-15 (10.5)	34	Y	FAC*
Canada Mayflower ( <i>Maianthemum canadense</i> )	16-25 (20.5)	66	Y	FACU
<b>Total</b>	31	100		

\*\*total does not equal 100 due to rounding

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 6

Number of dominant non-wetland indicator plants: 1

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES    NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 71B- Ridgebury Fine Sandy Loam

Hydric Soil Inclusions: Whitman

Are field observations consistent with soil survey?  Yes No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/1	
A	0-6"	10YR 2/1	
B	6+"	10YR 4/4	10YR 2/1 (10%)

Remarks: Saturation at 8", dark streaking in B horizon

2. Other:

Conclusion: Is soil hydric?  Yes No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole: 8"
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief and buttressed roots

<b>Vegetation and Hydrology Conclusion</b>	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 2    Transect Number: A (Upland Station)    5'± U/G WF A-18    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	26	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	16-25 (20.5)	26	Y	FACU
Red Oak ( <i>Quercus rubra</i> )	26-50 (38.0)	48	Y	FACU
<b>Total</b>	79	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	50	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	50	Y	FACU
<b>Total</b>	21	100		
<b>Shrub</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	6-15 (10.5)	25	Y	FAC*
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	6-15 (10.5)	25	Y	FACW*
Mapleleaf Viburnum ( <i>Viburnum acerifolium</i> )	16-25 (20.5)	49	Y	UPL
<b>Total</b>	41.5	99**		
<b>Herb</b> Eastern Hayscented Fern ( <i>Dennstaedtia punctilobula</i> )	16-25 (20.5)	50	Y	UPL
Lowbush Blueberry ( <i>Vaccinium angustifolium</i> )	16-25 (20.5)	50	Y	FACU
<b>Total</b>	41	100		

\*\*total does not equal 100 due to rounding

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 4

Number of dominant non-wetland indicator plants: 6

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 312 B- Woodbridge fine sandy loam  
 Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey? Yes  No

Remarks:

2. Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1/2-0"	10YR 3/2	
A	0-3"	10YR 3/2	
B	3+"	10YR 3/4	

Remarks:

3. Other:

Conclusion: Is soil hydric? Yes  No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: channel
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 3    Transect Number: A (Wetland Station)    5'± D/G WF A-30    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25(20.5)	30	Y	FAC*
Sassafras ( <i>Sassafras albidum</i> )	6-15 (10.5)	15	N	
Red Oak ( <i>Quercus rubra</i> )	26-50 (38.0)	55	Y	FACU*(Buttressed Roots)
<b>Total</b>	69	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	16-25(20.5)	49	Y	FAC*
Sassafras ( <i>Sassafras albidum</i> )	6-15 (10.5)	25	Y	FACU
White Pine ( <i>Pinus Strobus</i> )	6-15 (10.5)	25	Y	FACU
<b>Total</b>	41.5	99**		
<b>Shrub</b> Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	16-25 (20.5)	49	Y	FACW*
Arrowwood ( <i>Viburnum dentatum</i> )	6-15 (10.5)	25	Y	FAC*
Black Huckleberry ( <i>Gaylussacia baccata</i> )	6-15 (10.5)	25	Y	FACU
<b>Total</b>	41.5	99**		
<b>Herb</b> Cinnamon Fern ( <i>Osmunda cinnamomea</i> )	16-25 (20.5)	66	Y	FACW*
Princess Pine ( <i>Lycopodium obscurum</i> )	6-15 (10.5)	34	Y	FACU
<b>Total</b>	31	100		

\*\*total does not equal 100 due to rounding

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 6

Number of dominant non-wetland indicator plants: 4

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES    NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 312 B- Woodbridge Fine Sandy Loam

Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey?  Yes No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/2	
A	0-4"	10YR 2/1	
B	6+"	10YR 4/2	10YR 2/1 10YR 5/8

Remarks: pronounced redox and dark streaking in B horizon

2. Other:

Conclusion: Is soil hydric?  Yes No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 4    Transect Number: A (Upland Station)    5'± U/G WF A-30    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	13	N	
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	13	N	
Red Oak ( <i>Quercus rubra</i> )	26-50 (38.0)	48	Y	FACU
American Beech ( <i>Fagus grandifolia</i> )	6-15 (10.5)	13	N	
Sassafras ( <i>Sassafras albidum</i> )	6-15 (10.5)	13	N	
<b>Total</b>	80	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	22	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	26-50 (38.0)	78	Y	FACU
<b>Total</b>	48.5	100		
<b>Shrub</b> Black Huckleberry ( <i>Gaylussacia baccata</i> )	6-15 (10.5)	50	Y	FACU
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	6-15 (10.5)	50	Y	FACW*
<b>Total</b>	21	100		
<b>Herb</b> Princess Pine ( <i>Lycopodium obscurum</i> )	26-50 (38.0)	65	Y	FACU
Lowbush Blueberry ( <i>Vaccinium angustifolium</i> )	16-25 (20.5)	35	Y	FACU
<b>Total</b>	58.5	100		

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

**Vegetation Conclusion:**

Number of dominant wetland indicator plants: 2

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

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



**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 312 B- Woodbridge fine sandy loam  
 Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey? Yes  No

Remarks:

2. Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/2	
A	0-4"	10YR 2/2	
B	4+"	10YR 3/4	

Remarks:

3. Other:

Conclusion: Is soil hydric? Yes  No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: channel
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

<b>Section I.</b> Observation Plot Number: 2    Transect Number: B (Wetland Station)    5 <sup>±</sup> U/G WF B-9    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> White Pine ( <i>Pinus strobus</i> )	26-50 (38.0)	50	Y	FACU
Red Oak ( <i>Quercus rubra</i> )	26-50 (38.0)	50	Y	FACU
<b>Total</b>	76.0	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	26-50 (38.0)	48	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	16-25 (20.5)	26	Y	FACU
Wild Black Cherry ( <i>Prunus serotina</i> )	16-25 (20.5)	26	Y	FACU
<b>Total</b>	79.0	100		
<b>Shrub</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	1-5 (3.0)	3	N	
Lowbush Blueberry ( <i>Vaccinium corymbosum</i> )	26-50 (38.0)	41	Y	FACU
Arrowwood ( <i>Viburnum dentatum</i> )	16-25 (20.5)	22	Y	FAC*
Glossy Buckthorn ( <i>Frangula alnus</i> )	6-15 (10.5)	11	N	
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	16-25 (20.5)	22	Y	UPL
<b>Total</b>	92.5	99**		
<b>Herb</b> Canada Mayflower ( <i>Maianthemum canadense</i> )	26-50 (38.0)	44	Y	FACU
Wood Anemone ( <i>Anemone quinquefolia</i> )	26-50 (38.0)	44	Y	FACU
Aster ( <i>Aster sp.</i> )	6-15 (10.5)	12	N	
<b>Total</b>	86.5	100		

\*\*total does not equal 100 due to rounding

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 2

Number of dominant non-wetland indicator plants: 8

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 312B- Woodbridge fine sandy loam, 0-8% slopes

Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey? Yes  No

Remarks:

2. Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/1	
A	0-8"	10YR 2/1	
B	8-12+"	10YR 5/8	

Remarks: located along maintained road shoulder.

3. Other:

Conclusion: Is soil hydric? Yes  No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: channel
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 1    Transect Number: CB (Wetland Station)    5'± D/G WF B-9    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	26-50 (38.0)	50	Y	FAC*
White Ash ( <i>Fraxinus americana</i> )	26-50 (38.0)	50	Y	FACU* (buttressed roots)
<b>Total</b>	76.0	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	26-50 (38.0)	100	Y	FAC*
<b>Total</b>	38.0	100		
<b>Shrub</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	16-25 (20.5)	15	N	
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	16-25 (20.5)	15	N	
Meadowsweet ( <i>Spiraea alba</i> )	26-50 (38.0)	29	Y	FACW*
Arrowwood ( <i>Viburnum dentatum</i> )	16-25 (20.5)	15	N	
Glossy Buckthorn ( <i>Frangula alnus</i> )	6-15 (10.5)	8	N	
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	16-25 (20.5)	15	N	
<b>Total</b>	130.5	97**		
<b>Herb</b> Cinnamon Fern ( <i>Osmunda cinnamomea</i> )	26-50 (38.0)	48	Y	FACW*
Jewelweed ( <i>Impatiens capensis</i> )	16-25 (20.5)	26	Y	FACW*
Poison Ivy ( <i>Toxicodendron radicans</i> )	6-15 (10.5)	13	N	
Canada Mayflower ( <i>Maianthemum canadense</i> )	6-15 (10.5)	13	N	
<b>Total</b>	79.5	100		

\*\*total does not equal 100 due to rounding

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 6

Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES    NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 312B- Woodbridge fine sandy loam, 0-8% slopes

Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey?  Yes No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/1	
A	0-18+"	10YR 2/1	

Remarks: Saturated 4" below surface

2. Other:

Conclusion: Is soil hydric?  Yes No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole: 4"
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: outfall between B7 and B8
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 1    Transect Number: C (Wetland Station)    5'± D/G WF C-13    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25(20.5)	30	Y	FAC*
Tupelo ( <i>Nyssa sylvatica</i> )	6-15 (10.5)	15	N	
Red Oak ( <i>Quercus rubra</i> )	26-50 (38.0)	55	Y	FACU
<b>Total</b>	69	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	50	Y	FAC*
White Pine ( <i>Pinus Strobus</i> )	6-15 (10.5)	50	Y	FACU
<b>Total</b>	21	100		
<b>Shrub</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	51-75 (63.0)	75	Y	FAC*
Witch Hazel ( <i>Hamamelis virginiana</i> )	16-25 (20.5)	25	Y	FACU
<b>Total</b>	83.5	100		
<b>Herb</b> Cinnamon Fern ( <i>Osmunda cinnamomea</i> )	16-25 (20.5)	50	Y	FACW*
Canada May ( <i>Maianthemum canadense</i> )	16-25 (20.5)	50	Y	FACU
<b>Total</b>	41	100		

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 4

Number of dominant non-wetland indicator plants: 4

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES     NO

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

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 73A- Whitman Fine Sandy Loam

Hydric Soil Inclusions: Ridgebury, Scarboro and Swansea

Are field observations consistent with soil survey?  Yes No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1-0"	10YR 2/2	
A	0-6"	10YR 2/1	

Remarks: After 6" hit rock; saturated 4" below surface

2. Other:

Conclusion: Is soil hydric?  Yes No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole: 4"
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

**Applicant:** \_\_\_\_\_ **Prepared by:** Pare Corporation **Project location:** Walnut Street, Foxborough **DEP File #:** None  
 L. Gluck P.W.S, Erika Klinkhammer

Check all that apply:

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

Section I. Observation Plot Number: 2    Transect Number: C (Wetland Station)    5'± U/G WF C-13    Date of Delineation: May 10, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	25	Y	FAC*
Red Oak ( <i>Quercus rubra</i> )	51-75 (63.0)	75	Y	FACU
<b>Total</b>	83.5	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	1-5 (3.0)	7	N	
White Pine ( <i>Pinus strobus</i> )	26-50 (38.0)	86	Y	FACU
Red Oak ( <i>Quercus rubra</i> )	1-5 (3.0)	7	N	
<b>Total</b>	44	100		
<b>Shrub</b> Sweet Pepperbush ( <i>Clethra alnifolia</i> )	1-5 (3.0)	9	N	
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	6-15 (10.5)	31	Y	FACW*
Witch Hazel ( <i>Hamamelis virginiana</i> )	16-25 (20.5)	60	Y	FACU
<b>Total</b>	34	100		
<b>Herb</b> Canada Mayflower ( <i>Maianthemum canadense</i> )	26-50 (38.0)	78	Y	FACU
Lowbush Blueberry ( <i>Vaccinium angustifolium</i> )	6-15 (10.5)	22	Y	FACU
<b>Total</b>	48.5	100		

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

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 2

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

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



**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Norfolk and Suffolk Counties, Massachusetts

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 73A- Woodbridge fine sandy loam  
 Hydric Soil Inclusions: Ridgebury

Are field observations consistent with soil survey? Yes  No

Remarks:

2. Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1/2-0"	10YR 3/2	
A	0-4"	10YR 2/2	

Remarks: After 4" of A layer, hit rock.

3. Other:

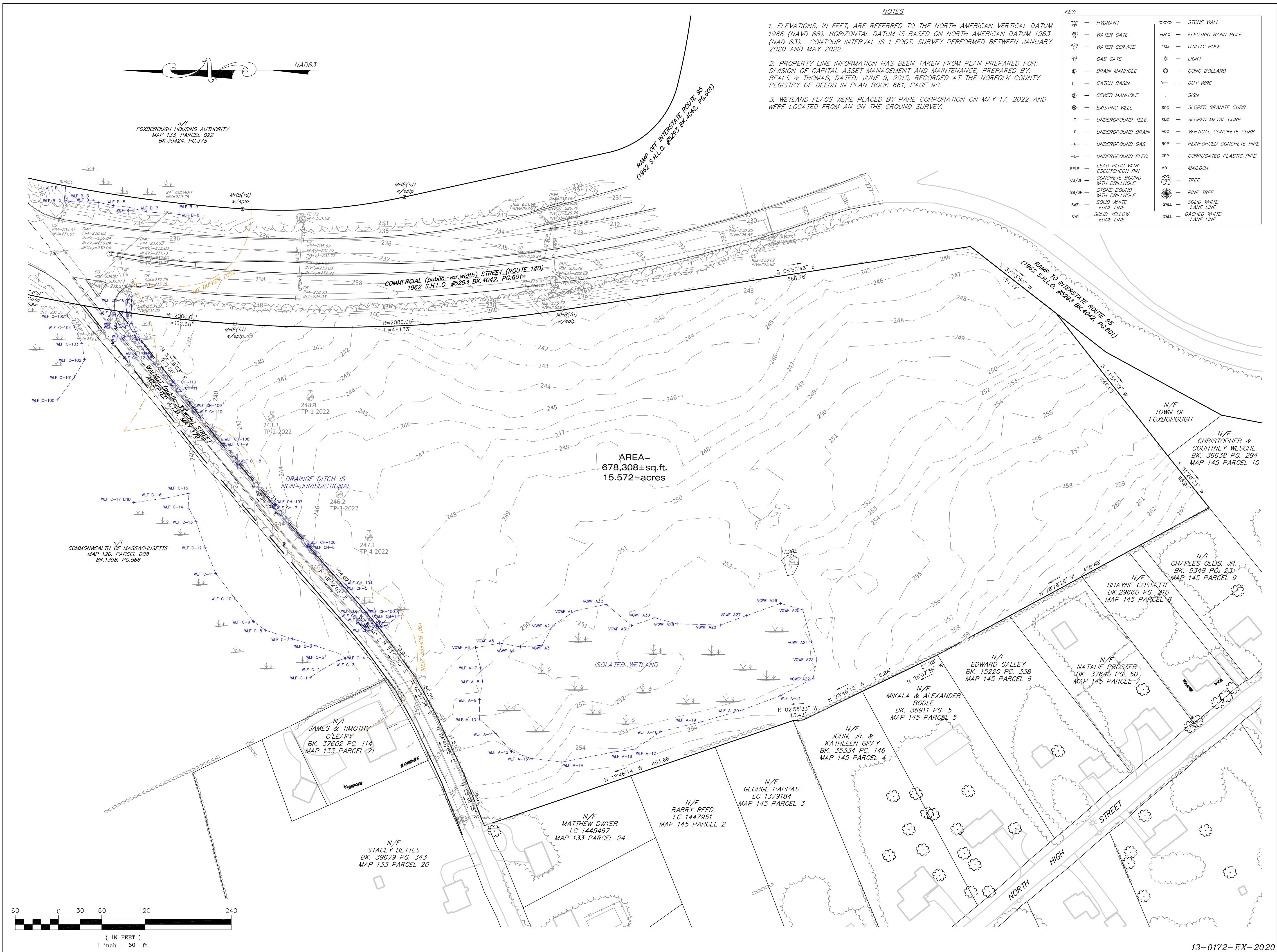
Conclusion: Is soil hydric? Yes  No

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

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: channel
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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



**NOTES**

- ELEVATIONS, IN FEET, ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). HORIZONTAL DATUM IS BASED ON NORTH AMERICAN DATUM 1983 (NAD 83). CONTOUR INTERVAL IS 1 FOOT. SURVEY PERFORMED BETWEEN JANUARY 2020 AND MAY 2022.
- PROPERTY LINE INFORMATION HAS BEEN TAKEN FROM PLAN PREPARED FOR DIVISION OF CAPITAL ASSET MANAGEMENT AND MAINTENANCE, PREPARED BY: BEALS & THOMAS, DATED: JUNE 9, 2015, RECORDED AT THE NORFOLK COUNTY REGISTRY OF DEEDS IN PLAN BOOK 661, PAGE 90.
- WETLAND FLAGS WERE PLACED BY PARE CORPORATION ON MAY 17, 2022 AND WERE LOCATED FROM AN ON THE GROUND SURVEY.

**KEY:**

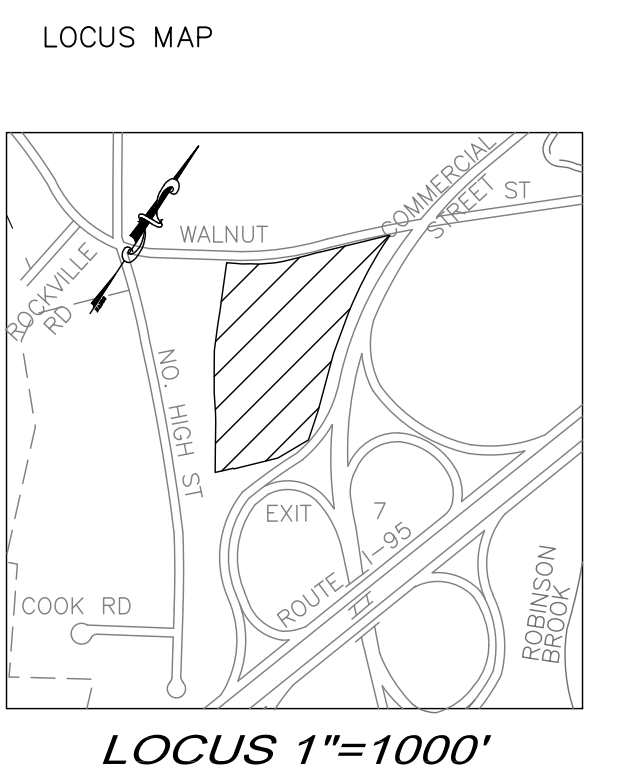
HYDRANT	STONE WALL
WATER GATE	ELECTRIC HAND HOLE
WATER SERVICE	UTILITY POLE
GAS GATE	LIGHT
DRAIN MANHOLE	CONC BOLLARD
CATCH BASIN	GUY WIRE
SEWER MANHOLE	SIGN
EXISTING WELL	SLOPED GRANITE CURB
UNDERGROUND TELE.	SLOPED METAL CURB
UNDERGROUND DRAIN	VERTICAL CONCRETE CURB
UNDERGROUND GAS	REINFORCED CONCRETE PIPE
UNDERGROUND ELEC.	CORRUGATED PLASTIC PIPE
LEAD PLUG WITH ESCUTCHEON PIV	MAILBOX
CONCRETE BOUND WITH DRILLHOLE	TREE
STONE BOUND WITH DRILLHOLE	PINE TREE
SOLID WHITE EDGE LINE	SOLID WHITE LANE LINE
SOLID YELLOW EDGE LINE	DASHED WHITE LANE LINE

**PROJECT:**  
**Walnut Street  
 Foxborough  
 Massachusetts**

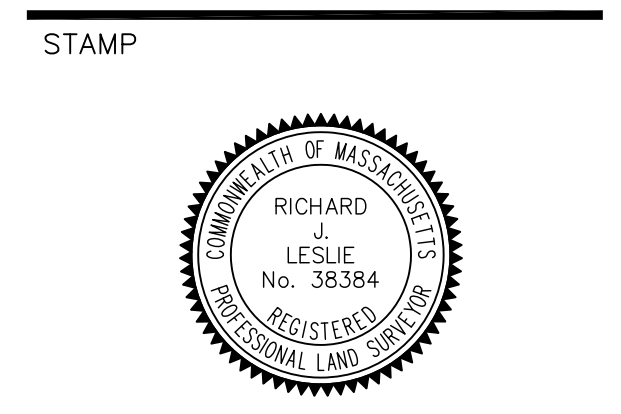
**PREPARED FOR:**  
**Weston & Sampson  
 55 Walkers Brook Drive  
 Suite 100  
 Reading, MA 01867**

**Bay Colony Group, Inc.**  
 Professional Civil Engineers &  
 Professional Land Surveyors

FOUR SCHOOL STREET  
 P.O. BOX 9136  
 FOXBOROUGH, MA 02035  
 508-543-3939



- REFERENCES**
- DEED REF:**  
 BK.35424, PG.378
- PLAN REF:**  
 PB.661, PG.90
- ASSESSOR'S REF:**  
 MAP 133, PARCEL 023
- ZONING REF:**  
 RESIDENTIAL & AGRICULTURAL (R40)



**DRAWING TITLE**  
**WETLAND LOCATION  
 PLAN**

**SCALE: 1" = 60'**

MAY 25, 2022      SHEET NUMBER  
**1**

13-0172-EX-2020