



Ruthanne Fuller
Mayor

City of Newton, Massachusetts
 Department of Planning and Development
 1000 Commonwealth Avenue Newton, Massachusetts 02459

Telephone
(617) 796-1120
 Telefax
(617) 796-1086
 www.newtonma.gov

Barney S. Heath
Director

Conservation Commission Wetland Application Coversheet/Checklist

Date	04/16/2023
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Fill in all white cells completely

Parcel	176 Dedham Street & 0 Walnut Street Newton Highlands, MA 02461	Applicant name	Kaitlin Spiegel		
Address		Address	176 Dedham St, Newton, MA 02461		
Sec/Block/Lot	Book 78794 Page 420	Email	kaspiegel86@gmail.com		
Book & Page		Phone	925-487-3613		
Owner name	Kaitlin Spiegel	Representative	Kaitlin Spiegel		
Address	176 Dedham St, Newton, MA 02461	Address	176 Dedham St, Newton, MA 02461		
Email	kaspiegel86@gmail.com	Email	kaspiegel86@gmail.com		
Phone	925-487-3613	Phone	925-487-3613		
Legal Ad Payor	Please identify which party will pay for the Legal Ad.		Kaitlin Spiegel		
Wetland type	100 year flood zone	sf/cf affected	76 cubic feet - please refer to cut/ fill calculations	Relevant Perf. Standards	10. _____
Wetland type		sf/cf affected		Relevant Perf. Standards	10. _____
Wetland type		sf/cf affected		Relevant Perf. Standards	10. _____

Components of a Complete NOI Application

State Form: NOI Form 3	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engineered Plan* title(s) Plan date Plan stamped by <small>*if legible, plans should be 11"x17"</small>	Please refer to supporting documentation (uploaded Fence Plan docx and maps with notes)
Narrative	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof that all relevant perf. standards are met	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Locus map	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delineation lines (backup material)	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fees ● Fee Transmittal form ● City portion of state filing fee <u>\$12.50</u> ● City's separate filing fee <u>\$50</u>	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No will send city fees (\$62.50) via mail or deliver in person
Abutter Information ● Certified abutters list (within 100') ● Newton's Abutter notification form ● Affidavit & proof -- bring to hearing	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Present them at the hearing</i>
Other Attachments, e.g.	
Planting Plan	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Floodplain analysis	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Stormwater analysis	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Riverfront Area Alternatives Analysis	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Restoration or mitigation summary	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Phasing/Sequencing plan, O&M plan, etc.	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

Conservation Commission Wetland Permit Process

RDA	NOI	Steps in Permitting Process	
1.	1.	Get a certified list of all abutters within 100' of property lines from the Newton Assessor's Office.	
	2.	Submit applications by noon of the Tuesday deadline (16 days before the desired hearing) to: <ol style="list-style-type: none"> a. <u>Newton Conservation Commission</u>: <ul style="list-style-type: none"> • Complete NOI or RDA application packet via electronic submission through NewGov. For NOIs use the application checklist to ensure completeness. <ul style="list-style-type: none"> • Application coversheet, state forms, narrative, photocopies of checks, ALL attachments • Plans (11"x17" format, if legible) stamped by engineer if any aspect of the project requires engineering. • Application fees via mail to Newton Conservation Office, 1000 Commonwealth Ave., Newton, MA 02459. For NOIs use the application checklist to ensure completeness. <ul style="list-style-type: none"> • Check to City of Newton for city portion of the state filing fee • \$50 check to City of Newton for city filing fee b. <u>Mass DEP Northeast Regional Office</u>: Wetlands Division, 150 Presidential Way, Woburn, MA 01801 (1 paper copy) <ul style="list-style-type: none"> • Complete NOI or RDA application packet (hard copy) AND Photocopy of the two state filing fee checks 	
			✓ <u>DEP Lock Box</u> : Box 4062, Boston MA 02211 <ul style="list-style-type: none"> • Check to Commonwealth of Mass. for state portion of the state fee <u>AND Fee transmittal form</u>
			<i>The Conservation Agent will determine application completeness and assign a public hearing/meeting date and time.</i>
	3.		Once you have the date and time of the hearing, using the City's " Notification to Abutters Form ", notify all abutters within 100' of the property line via certified mail, certificate of mailing, or hand delivery with signatures.
			<i>The Conservation Agent will place a legal ad in the Boston Herald and the Applicant will receive an email with instructions to pay.</i>
	4.		Stake the project. 2 weeks in advance of the public hearing, stake all proposed structures, erosion control barriers, stormwater systems, etc. within Con Com jurisdiction.
			<i>The Conservation Agent will perform a site visit before the public hearing to confirm existing conditions and proposed work. If you wish to be informed of the time of the visit, please contact the Con Com office.</i>
			<i>One week prior to the meeting, when the agenda is posted, the Conservation Agent will send all Applicants detailed Conservation staff notes and recommendations (from the Conservation Commission's detailed agenda).</i>
	5.		Applicants may submit revised materials (via NewGov) by the Tuesday prior to the meeting (to be reviewed and discussed at the meeting) or may request a continuation to a future Conservation Commission meeting.
	2.	6.	Attend the public hearing/meeting. The applicant or representative is expected to provide proof of abutter notification , briefly present the project , and answer any questions about possible impacts on wetlands. At the end of the hearing, the Con Com will either: <ul style="list-style-type: none"> • Issue a Determination of Applicability ("negative" determination means no further permitting is needed), • Issue an Order of Conditions (OOC) approving or denying the project, or • Approve a continuation of the public hearing, to allow time for additional information to be provided.
	3.	7.	Receive and read the decision and understand the conditions. Contact the Con Com if you have any questions. Some conditions are temporary (such as maintaining erosion controls), and some are perpetual (such maintaining restoration planting areas or limiting the use of fertilizers and outdoor lighting).
		8.	Wait-out the 10-Day appeal period. A decision of the Con Com can be appealed to MassDEP by any abutter, applicant, or 10-citizen group within 10 business days of the decision.
		9.	Record the Order at the Registry of Deeds. Provide proof of recording to the Conservation office.
	10.	Install MassDEP file number sign and erosion controls.	
	11.	Schedule and attend a pre-construction site visit. Contact the Conservation office to schedule the site visit.	
4.	12.	Execute the project. The project must be completed within 3 years, unless an extension of the permit is issued.	
	13.	Request a Certificate of Compliance (COC) via NewGov. Once the project is complete and all conditions have been satisfied, request a COC from the Conservation office by submitting: (1) DEP Form 8a , (2) a stamped as-built plan , and (3) a letter from the engineer stating that everything is in substantial compliance with the approved plans and OOC.	
		<i>The Con Com will perform a site visit to ensure compliance, and will issue a COC if appropriate.</i>	
	14.	Record the Certificate of Compliance (COC) at the Registry of Deeds to remove the cloud from the title. Provide proof of recording to the Conservation office.	



Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

To retain a copy of this file you must save and/or print.

Username: **KASPIEGEL**

Transaction ID: **1548279**

Document: **WPA Form 3 - NOI**

Size of File: **247.10K**

Status of Transaction: **In Process**

Date and Time Created: **4/16/2023:9:37:48 PM**

Note: This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to "Download a Copy" from the Current Submittals page.

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1548279
City/Town:NEWTON

A.General Information

1. Project Location:

a. Street Address 176 DEDHAM STREET
b. City/Town NEWTON c. Zip Code 02461
d. Latitude 42.31400N e. Longitude 71.20160W
f. Map/Plat # 81021/0023 g.Parcel/Lot # 810210002300

2. Applicant:

Individual Organization

a. First Name KAITLIN b.Last Name SPIEGEL
c. Organization
d. Mailing Address 176 DEDHAM STREET
e. City/Town NEWTON f. State MA g. Zip Code 02461
h. Phone Number 925-487-3613 i. Fax j. Email kaspiegel86@gmail.com

3.Property Owner:

more than one owner

a. First Name KAITLIN b. Last Name SPIEGEL
c. Organization
d. Mailing Address 176 DEDHAM STREET
e. City/Town NEWTON f.State MA g. Zip Code 02461
h. Phone Number 925-487-3613 i. Fax j.Email kaspiegel86@gmail.com

4.Representative:

a. First Name KAITLIN b. Last Name SPIEGEL
c. Organization LAHEY CLINIC
d. Mailing Address 176 DEDHAM STREET
e. City/Town NEWTON f. State MA g. Zip Code 02461
h.Phone Number 925-487-3613 i.Fax j.Email kaspiegel86@gmail.com

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

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

6.General Project Description:

INSTALLATION OF 6 FOOT PRIVACY FENCE ON NORTHERN, EASTERN, SOUTHERN BORDERS OF PROPERTY, CLOSING OFF BACK YARD BY FENCE AND GATES CONNECTING TO HOUSE ON WESTERN SIDE.

7a.Project Type:

- Single Family Home
Residential Subdivision
Limited Project Driveway Crossing
Commercial/Industrial
Dock/Pier
Utilities
Coastal Engineering Structure
Agriculture (eg., cranberries, forestry)
Transportation
Other

7b.Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1548279
 City/Town:NEWTON

CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project:

2. Limited Project SOME OF PROPOSED FENCE WILL BE PLACED ON AND AROUND THE 100 YEAR FLOOD ZONE (FEMZ ZONE AE).

8. Property recorded at the Registry of Deeds for:

a.County:	b.Certificate:	c.Book:	d.Page:
SOUTHERN MIDDLESEX	214327	78794	420

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

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

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

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	
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	1. square feet 73.36 3. cubic feet of flood storage lost	2. square feet 80.6 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 any)	
	2. Width of Riverfront Area (check one) <input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only <input type="checkbox"/> 100 ft. - New agricultural projects only <input type="checkbox"/> 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.

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1548279
 City/Town:NEWTON

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)

Resource Area Size of Proposed Alteration Proposed Replacement (if any)

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 Beaches	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
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, crea.
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

Restoration/Replacement

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 entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5.Projects Involves Stream Crossings

□ **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1548279
City/Town:NEWTON

Project Involves Stream Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. Yes No

If yes, include proof of mailing or hand delivery of NOI to:
Natural Heritage and Endangered Species
Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

b. Date of map:FROM MAP VIEWER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)...

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. Percentage/acreage of property to be altered:

(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

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

3. Project plans for entire project site, including wetland resource areas and areas outside of wetland 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

c. MESA filing fee (fee information available at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>.)

Make check payable to "Natural Heritage & Endangered Species Fund" 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

d. 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/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; 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 Number

□ **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1548279
City/Town:NEWTON

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.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

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

a. Not applicable - project is in inland resource area only

b. Yes No

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

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

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 S. Rodney French Blvd
New Bedford, MA 02744

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

If yes, it 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.

3. 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 DEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC Name

4. 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

5. 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

6. 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, Explain why the project is exempt:

1. Single Family Home

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1548279
City/Town:NEWTON

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

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 by regular mail delivery.

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.
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.

a. Plan Title: b. Plan Prepared By: c. Plan Signed/Stamped By: c. Revised Final Date: e. Scale:

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.

□ **Massachusetts Department of Environmental Protection**
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1548279
City/Town:NEWTON

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. Payer name on check: First Name	7. Payer name on check: Last Name

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.

Kaitlin Spiegel	4/16/2023
1. Signature of Applicant	2. Date
Kaitlin Spiegel	4/16/2023
3. Signature of Property Owner(if different)	4. Date
Kaitlin Spiegel	4/16/2023
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 Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

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

Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Wetland Fee Transmittal
Form

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1548279
 City/Town:NEWTON

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

A. Applicant Information

1. Applicant:

a. First Name	KAITLIN	b. Last Name	SPIEGEL		
c. Organization					
d. Mailing Address	176 DEDHAM STREET				
e. City/Town	NEWTON	f. State	MA	g. Zip Code	02461
h. Phone Number	9254873613	i. Fax		j. Email	kaspiegel86@gmail.com

2. Property Owner:(if different)

a. First Name	KAITLIN	b. Last Name	SPIEGEL		
c. Organization					
d. Mailing Address	176 DEDHAM STREET				
e. City/Town	NEWTON	f. State	MA	g. Zip Code	02461
h. Phone Number	9254873613	i. Fax		j. Email	kaspiegel86@gmail.com

3. Project Location:

a. Street Address	176 DEDHAM STREET	b. City/Town	NEWTON
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Are you exempted from Fee?

Note: Fee will be exempted if you are one of the following:

- City/Town/County/District
- Municipal Housing Authority
- Indian Tribe Housing Authority
- MBTA

State agencies are only exempt if the fee is less than \$100

B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
	City/Town share of filling fee	\$0.00	State share of filing fee	\$0.00
			Total Project Fee	\$0.00

Kaitlin Spiegel
176 Dedham Street
Newton, MA 02461

March 26, 2023

Fence Proposal

I am looking to install a 6 foot privacy fence surrounding most of property. The fence will be close to the northern, eastern, and southern boundaries, and will allow for a front yard and driveway clearance on the western boundary. The area I would like to construct a fence is marked in yellow in my Plot Plan.

I have also marked this proposed area on the Newton GIS map, which shows the line of the 100 year FEMA flood zone AE.

The sewage easement will have an 8 foot double gate to allow for utility maintenance as needed.

The fence I propose using in the flood zone area is a shadowbox style.

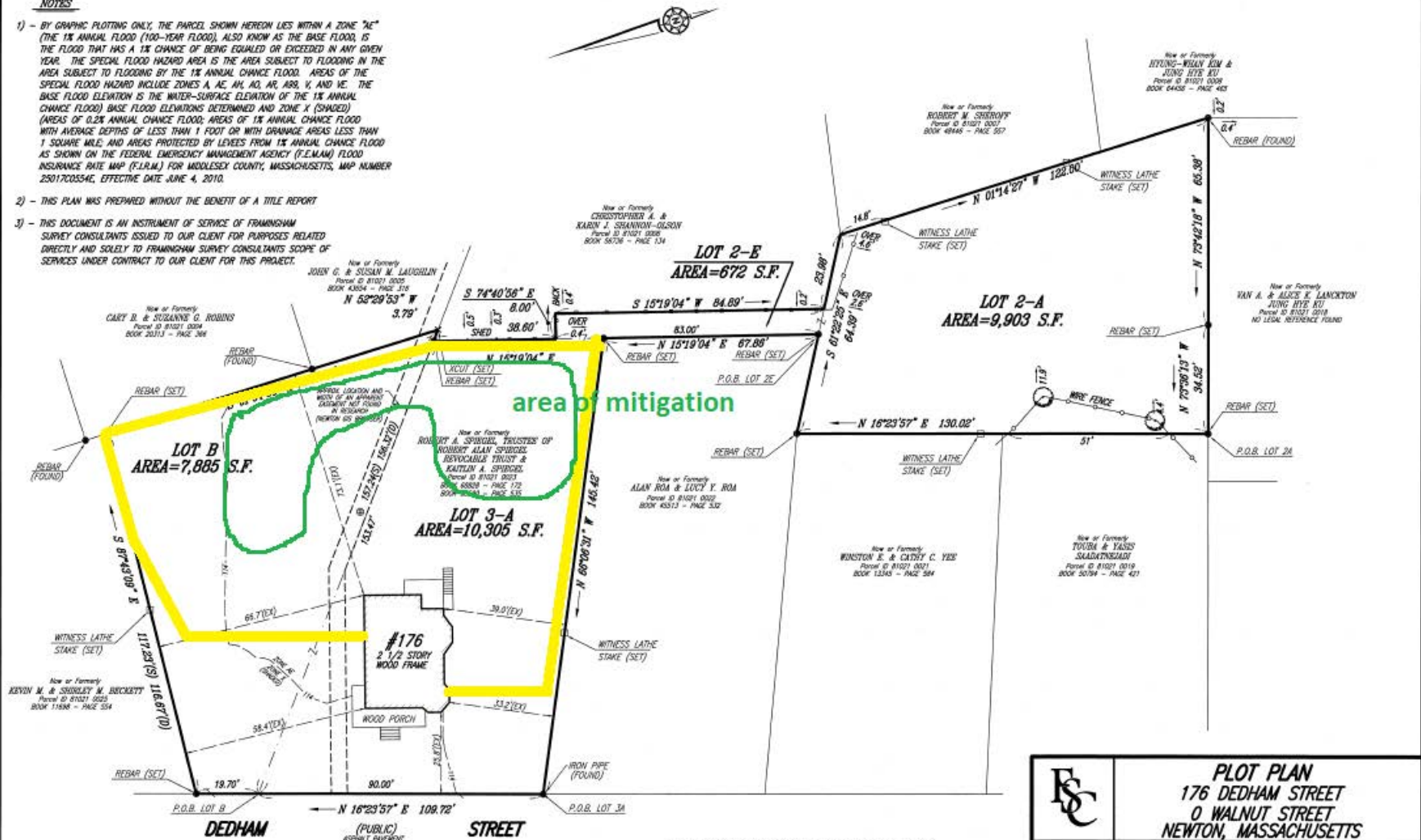
To mitigate the volume I will displace in the flood zone, I plan to clear the deadfall and brush at the lowest point in my property (southeastern boarder. I will also clear out additional brush along the eastern property border and deadfall in lot B (wooded area). I am attaching pictures to demonstrate the large quantity of deadfall and brush in these areas. Should you find this to be insufficient volume, I can clear out the ivy and deadfall in lot 2A (please refer to my plot plan).

Please let me know if you have any questions or concerns.

Thank you,
Kaitlin Spiegel

NOTES

- 1) - BY GRAPHIC PLOTTING ONLY, THE PARCEL SHOWN HEREON LIES WITHIN A ZONE "AE" (THE 1% ANNUAL FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. THE SPECIAL FLOOD HAZARD AREA IS THE AREA SUBJECT TO FLOODING IN THE AREA SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD. AREAS OF THE SPECIAL FLOOD HAZARD INCLUDE ZONES A, AE, AH, AO, AR, A99, V, AND VE. THE BASE FLOOD ELEVATION IS THE WATER-SURFACE ELEVATION OF THE 1% ANNUAL CHANCE FLOOD) BASE FLOOD ELEVATIONS DETERMINED AND ZONE X (SHADED) (AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS PROTECTED BY LEVELS FROM 1% ANNUAL CHANCE FLOOD AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) FLOOD INSURANCE RATE MAP (F.I.R.M.) FOR MIDDLESEX COUNTY, MASSACHUSETTS, MAP NUMBER 2501700554E, EFFECTIVE DATE JUNE 4, 2010.
- 2) - THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT
- 3) - THIS DOCUMENT IS AN INSTRUMENT OF SERVICE OF FRAMINGHAM SURVEY CONSULTANTS ISSUED TO OUR CLIENT FOR PURPOSES RELATED DIRECTLY AND SOLELY TO FRAMINGHAM SURVEY CONSULTANTS SCOPE OF SERVICES UNDER CONTRACT TO OUR CLIENT FOR THIS PROJECT.



LEGEND

- (S) - SURVEY DIMENSION
- (D) - DEED DIMENSION
- (EX) - EXISTING OFFSET
- Z - FEE HOOK

I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY PLANS AND DEEDS OF RECORD.

Steph P. Desroche
 STEPHEN P. DESROCHE, PLS (MA# 27699) DATE 11/26/18

FS

PLOT PLAN
 176 DEDHAM STREET
 0 WALNUT STREET
 NEWTON, MASSACHUSETTS

FRAMINGHAM SURVEY CONSULTANTS INC.
 P.O. BOX 1190 FRAMINGHAM, MA 01701
 PH: 508-628-1444 FAX: 508-879-9292
 WWW.FRAMINGHAMSURVEY.COM

SCALE: 1"=20'	DRAWN BY: RSN	DWG: 833_16
DATE: NOVEMBER 6, 2018	CHECKED BY: SPD	JOB NO: 833_16

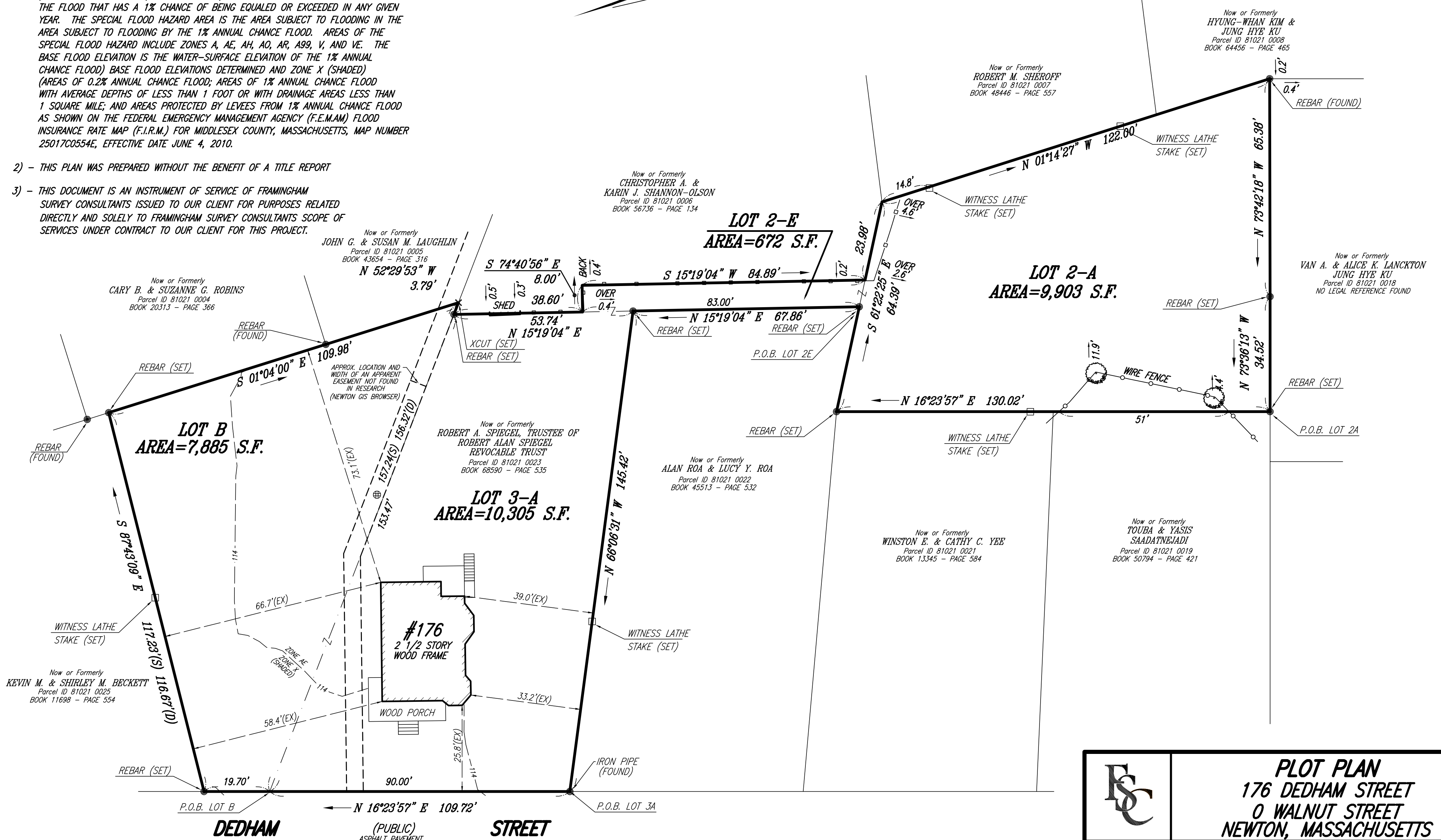
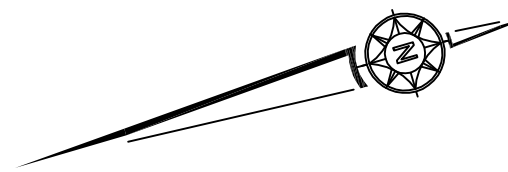
GRAPHIC SCALE (IN FEET)

20 0 10 20 40 60 80

IN ASSOCIATION WITH NEPONSET VALLEY SURVEY ASSOCIATES, INC.

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STEPHEN P. DesROCHE, PLS (MA# 27699) DATE

PLOT PLAN
 176 DEDHAM STREET
 0 WALNUT STREET
 NEWTON, MASSACHUSETTS

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 PH: 508-628-1444 FAX: 508-879-9292
 WWW.FRAMINGHAMSURVEY.COM

SCALE: 1"=20'	DRAWN BY: RDN	DWG: 833_16
DATE: NOVEMBER 8, 2018	CHECKED BY: SPD	JOB NO: 833_16

GRAPHIC SCALE (IN FEET)

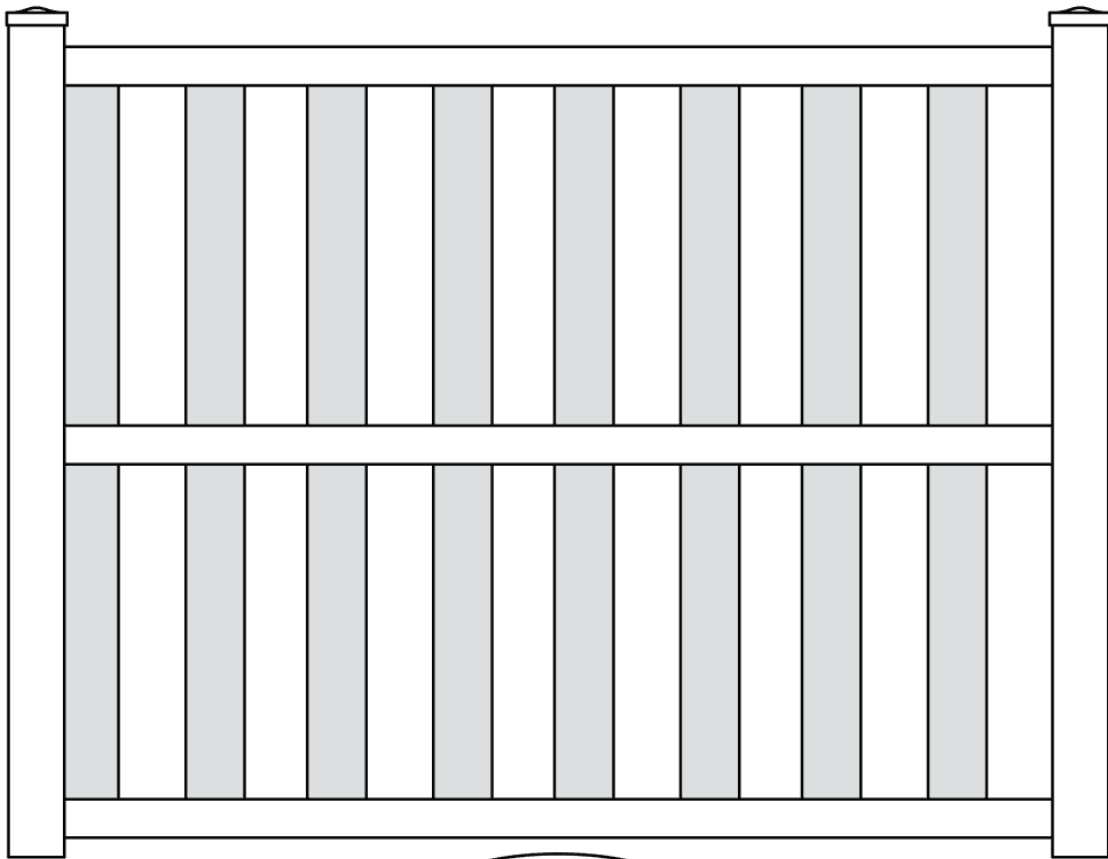
IN ASSOCIATION WITH NEPONSET VALLEY SURVEY ASSOCIATES, INC.

Kaitlin Spiegel – 176 Dedham Street, Newton, MA 02461

Cut and Fill Volume Calculations for fence

Cut – Fence volume:

- Vinyl shadowbox by illusions (see attached picture)
https://illusionsfence.com/fence_styles/board-on-board/
- Panels 6' high x 8' wide
- Posts: 5" x 5", set 2.5 feet into ground supported with concrete
- Calculated square footage of fence in each elevation of flood zone from Newton GIS map – please refer to Excel document for calculations
- Total Cut calculation = 73.36 cubic feet
- Total Fill (110%) = 80.6 cubic feet



Measurement	Displacement in flood zone
1"	1 ft
1.5"	2 ft
1.5"	3 ft
1.75"	4 ft
2.75"	5 ft
2"	4 ft
0.25"	3 ft
0.5"	2 ft
0.125"	1 ft

back of property by 235 Woodcliff

front of property, southwest corner of fence

Totals per ft contour	Displacement in floodzone	
1.125"	1 ft down	18.3 linear feet
2"	2 ft down	32.6 linear feet
1.75"	3 ft down	28.5 linear feet
3.75"	4 ft down	61.1 linear feet
2.75"	5 ft down	13.75 linear feet
		Total 154.25 linear feet in floodzone

Number of Posts	post volume
3	1.8 cubic feet
4	3.06 cubic feet
3	2.8 cubic feet
7	7.7 cubic feet
2	2.5 cubic feet
Total post volume in floodzone:	
17.86 cubic feet	

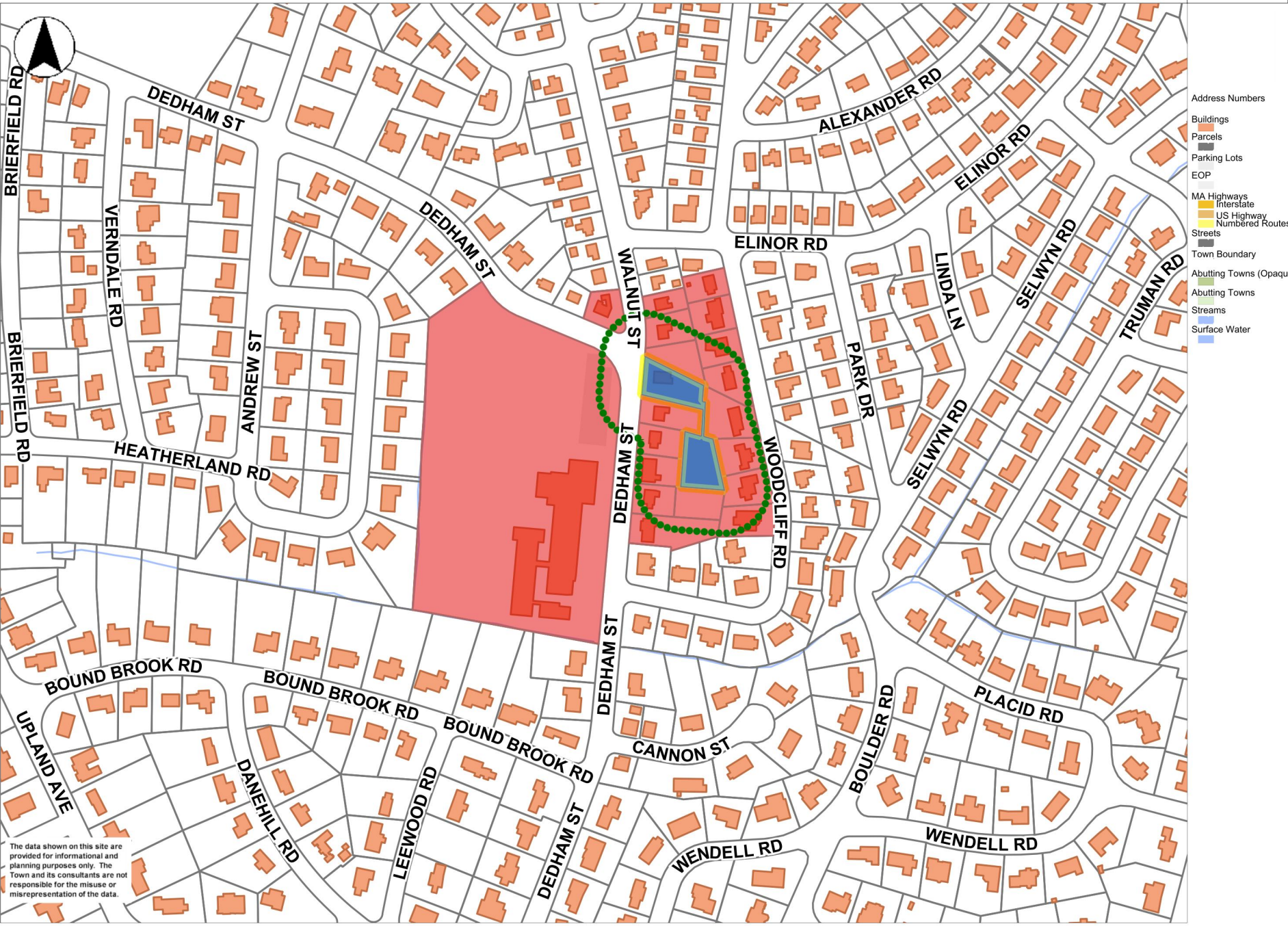
post is 5x 5 ";
posts go 2.5 feet underground
w/ floodzone displacement

Number of panels	panel volume
2	1.1 cubic ft
4	6.9 cubic ft
3	8.7 cubic feet
7	28.4 cubic feet
2	10.4 cubic feet
Total panel volume in floodzone	
55.5 cubic feet	

panel is 1.75" x 8 ft
assuming 0.5 feet raised

Total volume (posts + panels) in floodzone:
73.36 cubic feet

Fill calculation:
73.36 cubic feet * 1.1 = 80.6 cubic feet



The data shown on this site are provided for informational and planning purposes only. The Town and its consultants are not responsible for the misuse or misrepresentation of the data.

- Address Numbers
- Buildings
- Parcels
- Parking Lots
- EOP
- MA Highways
 - Interstate
 - US Highway
 - Numbered Routes
- Streets
- Town Boundary
- Abutting Towns (Opaque)
- Abutting Towns
- Streams
- Surface Water

0 400 800 ft

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SPIEGEL KAITLIN & ROBERT
KAITLIN A SPIEGEL TRUST
176 DEDHAM ST
NEWTON, MA 02461

WU SALLY
18 GARY RD
NEEDHAM, MA 02494

BALOCH AIJAZ A & SAADIA H
229 WOODCLIFF RD
NEWTON, MA 02461

ROBINS CARY B & SUZANNE G
235 WOODCLIFF RD
NEWTON HGLDS, MA 02461

LAUGHLIN JOHN G & SUSAN M
241 WOODCLIFF RD
NEWTON, MA 02461

SHANNON CHRISTOPHER A
OLSON-SHANNON KARIN J
249 WOODCLIFF RD
NEWTON, MA 02461

LANE KEVIN J
LANE NIKKI SUE
255 WOODCLIFF RD
NEWTON, MA 02461

KIM HYUNG-HWAN
KU HYE JUNG
263 WOODCLIFF RD
NEWTON, MA 02461

CHENG MEI CHIN & TANYA
269 WOODCLIFF RD
NEWTON, MA 02461

EROL ALI E & GJATA JORIS
EROL ATILA & DEVRIM
204 DEDHAM ST
NEWTON, MA 02461

LANCKTON A VAN C & ALICE
198 DEDHAM ST
NEWTON HGLDS, MA 02461

LANCKTON A VAN C & ALICE
198 DEDHAM ST
NEWTON HGLDS, MA 02461

DANEVA-BROWN DENITSA
BROWN RITCHIE E
194 DEDHAM ST
NEWTON HGLDS, MA 02461

YEE WINSTON E & KATHY C
YEE REV TRUST
188 DEDHAM ST
NEWTON, MA 02461

RAO ALAN L & LUCY Y
180 DEDHAM ST
NEWTON, MA 02461

SPIEGEL KAITLIN A &
KAITLIN A SPIEGEL TRUST
176 DEDHAM ST
NEWTON, MA 02461

EADES MICAH & ABIGAIL
1412 WALNUT ST
NEWTON, MA 02461

ZHU ZHONGPING
LIU RUIYING TRS
19646 VIA GRANDE DR
SARATOGA, CA 95070

PATTERSON HEIDE CHRISTINE
PATTERSON MATTHEW D
162 DEDHAM ST
NEWTON, MA 02461

CITY OF NEWTON
SCHOOL DEPT-COUNTRYSIDE
1000 COMM AVE
NEWTON, MA 02459