

Enter your transmittal number

X289432
Transmittal Number

Your unique Transmittal Number can be accessed online: <http://mass.gov/dep/service/online/trasmfrm.shtml>

Massachusetts Department of Environmental Protection Transmittal Form for Permit Application and Payment

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Make your check payable to the Commonwealth of Massachusetts and mail it with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three copies of this form will be needed.

Copy 1 - the original must accompany your permit application. Copy 2 must accompany your fee payment. Copy 3 should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to:

MassDEP
P.O. Box 4062
Boston, MA
02211

* Note:
For BWSC Permits,
enter the LSP.

A. Permit Information

WPA - FORM 3A - 1(E) & RIVERFRONT NOTICE OF INTENT
1. Permit Code: 7 or 8 character code from permit instructions 2. Name of Permit Category
REPLACEMENT OF A EXISTING SANITARY DISPOSAL SYSTEM
3. Type of Project or Activity

B. Applicant Information - Firm or Individual

BRACKETT REALTY TRUST
1. Name of Firm - Or, if party needing this approval is an individual enter name below:
GLASS SHARON
2. Last Name of Individual 3. First Name of Individual 4. MI
48 MAIN STREET
5. Street Address
BOXFORD MA 01921 207-409-9155
6. City/Town 7. State 8. Zip Code 9. Telephone # 10. Ext. #
11. Contact Person 12. e-mail address (optional)

C. Facility, Site or Individual Requiring Approval

SHARON GLASS
1. Name of Facility, Site Or Individual
48 MAIN STREET
2. Street Address
BOXFORD MA 01921 207-409-9155
3. City/Town 4. State 5. Zip Code 6. Telephone # 7. Ext. #
8. DEP Facility Number (if Known) 9. Federal I.D. Number (if Known) 10. BWSC Tracking # (if Known)

D. Application Prepared by (if different from Section B)*

ENGINEERING LAND SERVICES, LLC
1. Name of Firm Or Individual
P.O. BOX 41
2. Address
WEST NEWBURY MA 01985 978-815-6744
3. City/Town 4. State 5. Zip Code 6. Telephone # 7. Ext. #
ROBERT GRASSO
8. Contact Person 9. LSP Number (BWSC Permits only)

E. Permit - Project Coordination

1. Is this project subject to MEPA review? yes no
If yes, enter the project's EOE file number - assigned when an Environmental Notification Form is submitted to the MEPA unit:

EOEA File Number

F. Amount Due

Special Provisions:

- 1. Fee Exempt (city, town or municipal housing authority)(state agency if fee is \$100 or less).
There are no fee exemptions for BWSC permits, regardless of applicant status.
- 2. Hardship Request - payment extensions according to 310 CMR 4.04(3)(c).
- 3. Alternative Schedule Project (according to 310 CMR 4.05 and 4.10).
- 4. Homeowner (according to 310 CMR 4.02).

DEP Use Only

Permit No:

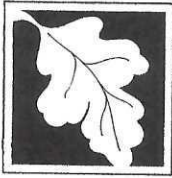
Rec'd Date:

Reviewer:

Check Number

Dollar Amount

Date



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

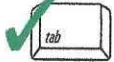
MassDEP File Number

Document Transaction Number

BOXFORD

City/Town

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



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

A. General Information

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

48 MAIN STREET

a. Street Address

BOXFORD

b. City/Town

01921

c. Zip Code

Latitude and Longitude:

42.65984

d. Latitude

-71.00466

e. Longitude

TAX MAP 32 BLOCK 03

f. Assessors Map/Plat Number

LOT 12

g. Parcel /Lot Number

2. Applicant:

SHARON

a. First Name

GLASS

b. Last Name

BRACKETT REALTY TRUST

c. Organization

48 MAIN STREET

d. Street Address

BOFORD

e. City/Town

MA

f. State

01921

g. Zip Code

207-409-9155

h. Phone Number

i. Fax Number

j. Email Address

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

SHARON

a. First Name

GLASS

b. Last Name

BRACKETT REALTY TRUST

c. Organization

48 MAIN STREET

d. Street Address

BOXFORD

e. City/Town

MA

f. State

01921

g. Zip Code

207-409-9155

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

ROBERT

a. First Name

GRASSO

b. Last Name

ENGINEERING LAND SERVICES, LLC

c. Company

P.O.BOX 41

d. Street Address

WEST NEWBURY

e. City/Town

MA

f. State

01985

g. Zip Code

978-815-6744

h. Phone Number

978-462-6800

i. Fax Number

MASSPLSRG@AOL.COM

j. Email address

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

\$165 + \$475(Local)

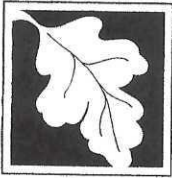
a. Total Fee Paid

\$70.00

b. State Fee Paid

\$95.00 + \$475.00(Local)

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

REPLACEMENT OF AN EXISTING SANITARY DISPOSAL SYSTEM

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

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

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

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

2. Limited Project Type

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

8. Property recorded at the Registry of Deeds for:

ESSEX SOUTH

a. County

29126

c. Book

b. Certificate # (if registered land)

199

d. Page Number

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

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

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



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

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

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

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

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 62,626 square feet

4. Proposed alteration of the Riverfront Area:

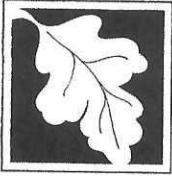
2,973 a. total square feet 828 b. square feet within 100 ft. 2,145 c. square feet between 100 ft. and 200 ft.

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

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

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

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



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MassDEP File Number _____

Document Transaction Number _____

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

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

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

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

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

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

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

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

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

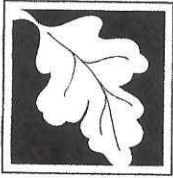
a. square feet of BVW

b. square feet of Salt Marsh

5. Project Involves Stream Crossings

a. number of new stream crossings

b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

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

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

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

11-30-2022-MASS
GIS

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

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

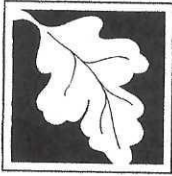
c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area	0
	percentage/acreage
(b) outside Resource Area	5,170 S.F/ 0.12 AC
	percentage/acreage
2. Assessor's Map or right-of-way plan of site
2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
 - (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

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

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



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

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

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

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing.

a. NHESP Tracking #

b. Date submitted to NHESP

3. Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

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

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

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

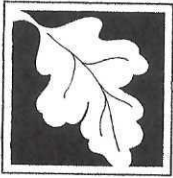
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

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

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



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

MassDEP File Number

Document Transaction Number

BOXFORD

City/Town

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

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

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

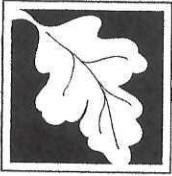
D. Additional Information

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

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

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

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



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MassDEP File Number

Document Transaction Number

BOXFORD

City/Town

D. Additional Information (cont'd)

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

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

SANITARY DISPOSAL SYSTEM UPGRADE PLAN

a. Plan Title

ENGINEERING LAND SERVICES, LLC

ROBERT GRASSO/STANTON BIGELOW

b. Prepared By

c. Signed and Stamped by

10-04-2021

1" = 20'

d. Final Revision Date

e. Scale

10-04-2021

f. Additional Plan or Document Title

g. Date

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

E. Fees

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

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

5048 + 5049
2. Municipal Check Number

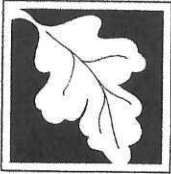
11-29-22
3. Check date

5050
4. State Check Number

11-29-22
5. Check date

SHARON
6. Payor name on check: First Name

GLASS
7. Payor name on check: Last Name



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BOXFORD

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F. Signatures and Submittal Requirements

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

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

<p><u>Shawn B glass</u></p> <p>1. Signature of Applicant</p>	<p><u>11/29/22</u></p> <p>2. Date</p>
<p>3. Signature of Property Owner (if different)</p> <p><u>RLH M</u></p>	<p>4. Date</p> <p><u>11-29-22</u></p>
<p>5. Signature of Representative (if any)</p>	<p>6. Date</p>

For Conservation Commission:

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

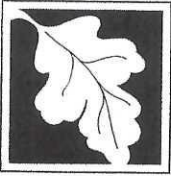
For MassDEP:

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

Other:

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

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



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

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



A. Applicant Information

1. Location of Project:

48 MAIN STREET

a. Street Address

5050

c. Check number

BOXFORD

b. City/Town

\$70.00

d. Fee amount

2. Applicant Mailing Address:

SHARON

a. First Name

BRACKETT REALTY TRUST

c. Organization

48 MAIN STREET

d. Mailing Address

BOXFORD

e. City/Town

207-409-9155

h. Phone Number

i. Fax Number

MA
f. State

01921
g. Zip Code

j. Email Address

3. Property Owner (if different):

SHARON

a. First Name

BRACKETT REALTY TRUST

c. Organization

48 MAIN STREET

d. Mailing Address

BOXFORD

e. City/Town

207-409-9155

h. Phone Number

i. Fax Number

GLASS
b. Last Name

MA
f. State

01921
g. Zip Code

j. Email Address

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

B. Fees

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

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

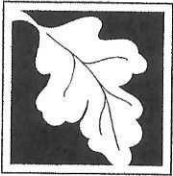
Step 2/Number of Activities: Identify the number of each type of activity.

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

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

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

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



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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
REPLACEMENT OF AN EXISTING SANITARY DISPOSAL SYSTEM	CAT 1(E)/RF	\$165.00	\$165.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Step 5/Total Project Fee: \$165.00

Step 6/Fee Payments:

Total Project Fee:	\$165.00
State share of filing Fee:	\$70.00
City/Town share of filling Fee:	\$95.00 +
	\$475.00(LOCAL)

C. Submittal Requirements

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

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

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

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

JOHN S. GLASS
SHARON GLASS
 48 MAIN ST.
 BOXFORD, MA 01921-2502

5048
 51-7218/2211
 559
 CHECK ARMOR

Date 11/29/22

Pay to the Order of Town of Boylston \$ 95.00
Ninety five & 00/100 Dollars

People's United Bank
 peoples.com

For NOI - FEE Sharon B Glass

⑆ 221172186 ⑆ 002113244 ⑆ 5048

JOHN S. GLASS
SHARON GLASS
 48 MAIN ST.
 BOXFORD, MA 01921-2502

5049
 51-7218/2211
 559
 CHECK ARMOR

Date 11/29/22

Pay to the Order of Town of Boylston \$ 475.00
Four hundred seventy five & 00/100 Dollars

People's United Bank
 peoples.com

For local fee - SEWER REPAIR Sharon B Glass

⑆ 221172186 ⑆ 002113244 ⑆ 5049

JOHN S. GLASS
SHARON GLASS
 48 MAIN ST.
 BOXFORD, MA 01921-2502

5050
 51-7218/2211
 559
 CHECK ARMOR

Date 11/29/22

Pay to the Order of Comm of Mass \$ 70.00
Seventy & 00/100 Dollars

People's United Bank
 peoples.com

For NOI separate system Sharon B Glass

⑆ 221172186 ⑆ 002113244 ⑆ 5050



Certificate Of Mailing

To pay fee, affix stamps or meter postage here.

This Certificate of Mailing provides evidence that mail has been presented to USPS® for mailing. This form may be used for domestic and international mail.

From:

Engineering Land Services, LLC

P.O. Box 41

West Newbury, MA 01985

To:

D.E.P. – NORTHEAST OFFICE

205 B LOWELL STREET

WILMINGTON, MA 01887



PS Form 3817, April 2007 PSN 7530-02-000-9065



Certificate Of Mailing

To pay fee, affix stamps or meter postage here.

This Certificate of Mailing provides evidence that mail has been presented to USPS® for mailing. This form may be used for domestic and international mail.

From:

Engineering Land Services, LLC

P.O. Box 41

West Newbury, MA 01985

To:

D.E.P.

P.O. BOX 4062

BOSTON, MA 02211



PS Form 3817, April 2007 PSN 7530-02-000-9065



Certificate Of Mailing

To pay fee, affix stamps or meter postage here.

This Certificate of Mailing provides evidence that mail has been presented to USPS® for mailing. This form may be used for domestic and international mail.

From:

Engineering Land Services, LLC

P.O. Box 41

West Newbury, MA 01985

To:

N.H.E.S.P.

Division of Fisheries & Wildlife

1 Rabbit Hill Road

Westborough, MA 01581



PS Form 3817, April 2007 PSN 7530-02-000-9065

Engineering Land Services, LCC

P.O.Box 41
West Newbury, MA 01985
Tel: 978-815-6744
Email: MASSPLSRG@AOL.COM

PROJECT NARRATIVE

November 29, 2022

Town of Boxford
Conservation Commission
7A Spofford Road
Boxford, MA 01921

RE: #48 Main Street, Boxford, MA 01921 - Applicant: Brackett Realty Trust
Trustee: Sharon Glass

Dear Members,

Sharon Glass, the applicant, is proposing to replace an existing failed sanitary disposal system located on (Tax Map 32, Block 03, Lot 12 consisting of 1.6 Acres) which is located at 48 Main Street and is also located in the Natural Heritage and Endangered Species Program Area(PH1999). The proposed replacement use would be for a Existing Single Family 5 Bedroom Dwelling.

The wetlands were delineated by Norse Environmental Services, Inc. with wetlands flags(B.V.W.) 1A – 11A, 1C - 13C and Edge of Bank(Fish Brook) flags 1B - 7B located on the subject property. The septic system is to be located in front of the dwelling which will be located further from the Wetlands(B.V.W.)(126') and Riverfront Area(200') than the existing septic system. The Proposed Septic System Design has been reviewed and approved by the Boxford Board of Health. The systems final grade will be level with the existing grade and the design is a gravity flow system utilizing a Presby Enviro-Septic soil absorption system. The existing dwelling has a private well located in the rear and will have a setback of 180 feet to the proposed septic leach area. The proposed erosion control (staked silt-sock) will be installed prior to any construction activities for the site to protect the existing Wetlands (B.V.W.) and the RiverFront(Edge of Bank) of Fish Brook.

Any questions or concerns, please feel free to contact our firm.

Sincerely,



Robert M. Grasso, PLS, SE



NORSE ENVIRONMENTAL SERVICES, INC.

92 Middlesex Road, Unit 4

Tyngsboro, MA 01879

TEL. (978) 649-9932 • FAX (978) 649-7582

Website: www.norseenvironmental.com

September 20, 2022

Mr. Robert Grasso
Engineering Land Services
2 Fruit Street
Byfield, MA 01922

Re: 48 Main Street
Boxford, MA

Mr. Grasso;

Norse Environmental Services, Inc. performed a site visit on September 8, 2022, to flag the resource areas at the above site. A single-family dwelling, driveway, enclosed porch and shed are located on the property.

An intermittent stream and associated bordering vegetated wetland traverses along the easterly property line. The wetland is well defined and follows a distinct topographic break in slope. The red maple swamp is flagged in the field with blue ribbon and aluminum tags labeled 1A – 11A. The wetland consists of red maple (*Acer rubrum*) and white ash (*Fraxinus americana*) in the overstory. The understory consists of glossy buckthorn (*Rhamnus frangula*), common winterberry (*Ilex verticillata*) and highbush blueberry (*Vaccinium corymbosum*). The herbaceous layer consists of sensitive fern (*Onoclea sensibilis*), jewelweed (*Impatiens capensis*) and skunk cabbage (*Symplocarpus foetidus*)

The USGS Topographic Map shows a perennial stream, Fish Brook, behind the dwelling. The Bank or Mean Annual High Water is flagged in the field with blue ribbon/ground flags and aluminum tags labeled 1B-8B. Fish Brook has an associated 100-year flood plain or Bordering Land Subject to Flooding. The FEMA Map determined the 100-year flood plain between elevations 83-84 ft.

The perennial stream has an associated Bordering Vegetated Wetland. The wetland is flagged in the field with blue ribbon and aluminum tags labeled 1C-15C. The wetland is a red maple swamp consisting of red maple (*Acer rubrum*) and willows (*Salix* sp.) in the overstory. The understory consists of common winterberry, dogwood (*Cornus* sp.) and multiflora rose (*Rosa multiflora*). The herbaceous layer consists of sensitive fern, skunk cabbage, rushes (*Juncus* sp.), sedges (*Carex* sp.), joe-pye-weed (*Eupatoriadelphus* sp.), royal fern (*Osmunda regalis*) and lawn area.

The Web Soil Survey maps the site as Merrimac, Sudbury and Saco Soils. Merrimac soils consist of nearly level to steep, deep (5+ ft.), somewhat excessively drained soils on glacial outwash plains, terraces and kames. They formed in water-sorted, sandy glacial material. Merrimac soils have friable fine sandy loam and sandy loam surface soil and subsoil with moderately rapid permeability over a loose stratified sand and gravel substrata at 18 to 30 inches with rapid permeability. They have few limitations for most uses terraces, kames, and eskers. They formed in gravelly and cobbly coarse textured glacial outwash. Hinckley soils have friable or loose, gravelly and very gravelly sandy loam to loamy coarse sand surface soil and subsoil with rapid permeability, with loose stratified sand and gravels in the substratum at 12 to 30 inches, which have very rapid permeability. Major limitations are related to slope and droughtiness.

Sudbury soil consist of nearly level and gently sloping, deep (5+ ft.), moderately well drained soils in depressions on glacial outwash plains and terraces. They formed in water-sorted sandy and gravelly materials. Sudbury soils have fine sandy loam and sandy loam surface soil and subsoil which is moderately rapid permeability, over loose, stratified sand and gravel substrata at 18 to 30 inches which has rapid permeability. They have a seasonal high-water table at 18 to 24 inches. Major limitations are related to wetness

Saco soils consist of nearly level, deep (5+ ft.), very poorly drained soils on flood plains. They formed in recent silty alluvium that is high in organic matter. Saco soils have mucky silt loam or silt loam surface soil with moderate permeability, over a silt loam or very fine sandy loam substratum with moderate permeability, underlain at 40 to 60 inches by stratified sand and gravel with rapid permeability. These soils have a high-water table that is at or near the surface most of the year and are frequently flooded. Major limitations are related to flooding and wetness

The site is located within the NHESP mapping of Priority Habitat; PH1999. There are no certified or potential vernal pools located on or near the property.

Enclosed are the maps of the site. If you have any questions or concerns regarding the above information, please do not hesitate to ask.

Sincerely,

Maureen Herald

Maureen Herald, PWS, CWS

ANALYSIS OF ALTERNATIVES

PROJECT: Construction for the Replacement of an Existing Sanitary Disposal System and associated grading at 48 Main Street, Boxford, MA

P URPOSE: Supporting Notice of Intent (Transmittal Number X289432) Form 3-1(E), for the Construction of an Replacement of an Existing Sanitary Disposal System and associated grading to an Existing Dwelling within Riverfront Area (Sec. B.2.f. of Notice of Intent Form 3)

ALTERNATIVES ANALYZED:

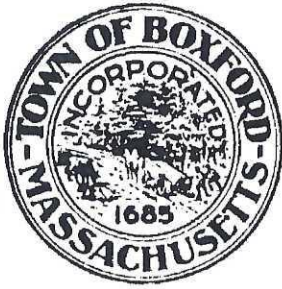
1. Do Nothing
2. Mitigation to proposed disturbance of the proposed Replacement of an Existing Sanitary Disposal System.

DISCUSSION:

The Proposed Project consists of constructing the Replacement of an Existing Sanitary Disposal System to the existing Residential Lot, at the only point on the site where it can be separated at least 200 feet from the Edge of Bank(Riverfront). This involves the construction of a New Septic Tank and New Septic Leach Area.

The Town of Boxford Board of Health has a regulatory setback requirement that Sanitary Disposal System must be set back at least 150 feet from the delineated edge of wetland resource areas, the proposed setbacks of 200 feet to the Edge of Bank and 126 feet to the Edge of Wetland(B.V.W.) is the Proposed Project that was able to meet.

The Do Nothing Alternative, would mean that the Owner could no enjoy the setting of their front yard. Therefore, the Do Nothing Alternative, resulting in uninhabitable premises, would be less desirable than the Proposed Project, for the owner. The Proposed Project is subject to all Boxford Board of Health and Conservation Commission Setbacks and all the Disturbance of Vegetation will be Mitigated with new grass Vegetation.



Town of Boxford

7A Spofford Road
Boxford, Massachusetts
01921
Board of Health

October 25, 2022

Mr. Robert Grasso
Engineering Land Services
PO Box 41
West Newbury, MA 01985

Dear Mr. Grasso,

The Board of Health voted at their meeting on October 24, 2022 to grant the following requested variances to the Individual Sewage Disposal System Plan for 48 Main Street, dated 10/4/22 and submitted to this office on 10/4/22.

Boxford Board of Health Regulation 2-94, Section 3E. No leaching facility in those cases where the percolation rate is less than five (5) minutes per inch shall be installed within 150 feet of a wetland resource area. Specifically, the Board of Health voted that the leach facility shall be located no less than 126 a wetland resource area.

310CMR15.221(7) & 15.405(B) Septic leach area to be 48 inches rather than 36 inches required below finish grade to achieve a gravity system.

The Board granted this variance conditionally based on:

As designed the system is the best solution given the physical restrictions of the property

The plan has been reviewed and **APPROVED**. You may contact a licensed installer and arrange to have the system installed however; installation of the system may not begin without prior approval by the Health Agent. An As-built plan of the system done by the design engineer, must be submitted to the Board of Health and the well must be tested for coliform bacteria prior to a Certificate of Compliance being issued. Both the installer and the engineer must sign the Certificate of Compliance. Please feel free to contact me with any questions you may have.

Sincerely,

Kendell Longo
Director of Public Health



Engineering Land Services, LLC

P.O.Box 41
West Newbury, MA 01985
Tel: 978-815-6744
Email: MASSPLSRG@AOL.COM

Date: November 29, 2022

RE: Owner: Brackett Realty Trust - Sharon Glass
48 Main Street
Boxford, MA 01921
Tax Map 32 Block 03 Lot 12
Sanitary Disposal System Upgrade Plan - dated 10-04-2022

In accordance with Boxford Conservation Commission Regulations – Notification to Abutters for the Application filed with the Town of Boxford Conservation Commission, you are hereby notified of the following:

- A. Applicant: Brackett Realty Trust - Sharon Glass
- B. The applicant has filed a Sanitary Disposal System Upgrade Plan with the Town of Boxford Conservation Commission requesting the replacement/construction of a existing Sanitary Disposal System.
- C. The address of the property where the activity is proposed is 48 Main Street.
- D. Copies of Plans may be examined at the Boxford Conservation Commission, #7A Spofford Road, Boxford, MA 01921, Telephone (978) 887-6000 Ext 181.
- E. Information regarding the date, time and place of the public hearing may be obtained from the Boxford Conservation Commission by calling (978) 887-6000 Ext 181. A public hearing is currently scheduled for December 15, 2022 at #7A Spofford Road(Town Hall) or a Zoom Meeting at 7:00 p.m. You may contact the Boxford Conservation Commission and it will be posted at the Boxford Town Hall at least 48 hours in advance.
- F. Copies of the Sanitary Disposal System Upgrade Plan may be obtained from the applicant's representative by calling 978-462-6800 from 9am thru 1pm on Mondays - Thursdays.

THE INTENT OF THIS PLAN IS TO PROVIDE FULL COMPLIANCE WITH TITLE 5 OF THE STATE ENVIRONMENTAL CODE, AS AMENDED BY THE BOARD OF HEALTH, EXCEPT WHERE NOT POSSIBLE, AND NOTED IN THE FOLLOWING VARIANCE REQUESTS TO ACHIEVE MAXIMUM FEASIBLE COMPLIANCE.

VARIANCE REQUEST:

- 1 - S.A.S. SETBACK FROM WETLAND RESOURCE AREA FROM 150' REQUIRED TO 126' PROVIDED PRESBY ENVIRO SEPTIC TREATMENT SYSTEM.
(LOCAL 201-9(E))

- 2 - SEPTIC LEACH AREA INSTALLED NO MORE THAN 36" BELOW FINISH GRADE TO 48" BELOW FINISH GRADE.
(310 CMR 15.221(7)) (TO ACHIEVE A GRAVITY SYSTEM)
(310 CMR 15.405(B))

48 MAIN ST

Location 48 MAIN ST

Mblu 32/ 03/ 12/ /

Acct#

Owner GLASS SHARON B - TRUSTEE

Assessment \$840,500

Appraisal \$840,500

PID 2423

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2022	\$573,800	\$266,700	\$840,500

Assessment			
Valuation Year	Improvements	Land	Total
2022	\$573,800	\$266,700	\$840,500

Owner of Record

Owner GLASS SHARON B - TRUSTEE
Co-Owner BRACKETT REALTY TRUST
Address 48 MAIN ST
BOXFORD, MA 01921

Sale Price \$10
Certificate
Book & Page 29126/0199
Sale Date 12/07/2009
Instrument 1A

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
GLASS SHARON B - TRUSTEE	\$10		29126/0199	1A	12/07/2009
GLASS SHARON B	\$1		29057/0344	1A	11/10/2009
GLASS JOHN S TE	\$0		9040/0434		06/23/1987

Building Information

Building 1 : Section 1

Year Built: 1987
Living Area: 3,144
Replacement Cost: \$720,514
Building Percent Good: 78

Replacement Cost

Less Depreciation: \$562,000

Building Attributes

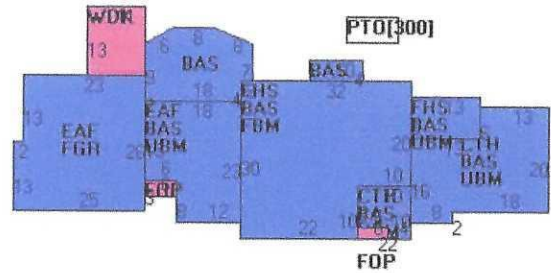
Field	Description
Style:	Cape Cod
Model	Residential
Grade:	ABOVE AVE
Stories:	1 1/2 Stories
Occupancy	1
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Wood Shingle
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Hardwood
Interior Flr 2	Carpet
Heat Fuel	Gas
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	5 Bedrooms
Total Bthrms:	2
Total Half Baths:	1
Total Xtra Fixtrs:	2
Total Rooms:	11
Bath Style:	Average
Kitchen Style:	Modern
Num Kitchens	01
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	

Building Photo



(<https://images.vgsi.com/photos/BoxfordMAPotos/A00\00\34\48.jpg>)

Building Layout



(https://images.vgsi.com/photos/BoxfordMAPotos/Sketches/2423_2448.jj)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	2,170	2,170
FHS	Half Story, Finished	964	578
EAF	Attic, Expansion, Finished	990	396
CTH	Cathedral Ceiling	546	0
FBM	Basement, Finished	860	0
FGR	Garage, Finished	624	0
FOP	Porch, Open, Finished	30	0
PTO	Patio	300	0
UBM	Basement, Unfinished	1,016	0
WDK	Deck, Wood	143	0
		7,643	3,144

Extra Features

Extra Features

Legend

Code	Description	Size	Value	Bldg #
FPL2	1.5 STORY CHIM	1.00 UNITS	\$5,500	1
FPL1	FIREPLACE 1 ST	1.00 UNITS	\$5,100	1
VAC	CENT VAC	1.00 UNITS	\$1,200	1

Land

Land Use

Use Code 1010
 Description Single Fam MDL-01
 Zone RA
 Neighborhood
 Alt Land Appr No
 Category

Land Line Valuation

Size (Acres) 1.66
 Frontage 0
 Depth 0
 Assessed Value \$266,700
 Appraised Value \$266,700

Outbuildings

Outbuildings		Legend
No Data for Outbuildings		

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2022	\$573,800	\$266,700	\$840,500
2021	\$569,700	\$242,400	\$812,100
2020	\$530,000	\$242,400	\$772,400

Assessment			
Valuation Year	Improvements	Land	Total
2022	\$573,800	\$266,700	\$840,500
2021	\$569,700	\$242,400	\$812,100
2020	\$530,000	\$242,400	\$772,400

50-9

125-

QUITCLAIM DEED

I, **Sharon B. Glass**, of Boxford, Essex County, Massachusetts, for consideration of Ten (\$10) Dollars paid, grant to **Sharon B. Glass, Trustee of the Brackett Realty Trust**, under Declaration of Trust dated this date evidenced by the Certificate of Trustee recorded immediately prior hereto, of 48 Main Street, Boxford, Massachusetts,

With quitclaim covenants

the land with buildings thereon located in said Boxford and bound and described as follows:

- Southerly 560 feet more or less by land of Helen K. and Harold H. Galloway;
- Easterly by a stone wall running along Main Street in said Boxford 200 feet more or less to a stone wall by Land now or formerly of W. P. Haynes, et al,
- Northerly by a stone wall at said land of W. P. Haynes, at al 100 feet more or less;
- Easterly by a stone wall at said land of W. P. Haynes, et al
- Northerly by a stone wall at said land of W. P. Haynes, et al
- Westerly by a stone wall at said land of W.P. Haynes, et al.

Meaning and intending to convey the same premises which were conveyed to this Grantor by Deed dated September 9, 2008, and recorded in Essex South District Registry of Deeds in Book 29057, Page 344.

WITNESS my hand and seal on this the 2 day of December 2009

Sharon B Glass
Sharon B. Glass

48 Main Street, Boxford, Massachusetts

RETURN TO:
Raymond J. Cannon, Jr., Esq.
575 Turnpike Street, Suite 12
North Andover, MA 01845

COMMONWEALTH OF MASSACHUSETTS

Essex, SS.

On this 2nd day of December, 2009, before me, the undersigned notary public, personally appeared Sharon B. Glass, proved to me through satisfactory evidence of identification, which was a Massachusetts Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged to me that she signed it voluntarily for its stated purpose.



RAYMOND J. CANNON JR., ESQ.
Notary Public
Commonwealth of Massachusetts
Commission Expires November 15, 2013

32-03-12 - 48 MIAN ST, BOXFORD ABUTTERS LIST
 CONSERVATION COMMISSION 250'

Parcel ID	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
32-01-20	29 MIDDLETON RD	LAROCHE MARK	MCGOVERN MARGARET	29 MIDDLETON RD	BOXFORD	MA	01921
32-02-05	MIDDLETON RD	ESSEX COUNTY GREENBELT ASSOC		82 EASTERN AVE	ESSEX	MA	01929
32-02-06	40 MIDDLETON RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
32-03-11-3	HAYNES RD	ESSEX COUNTY GREENBELT ASSOC		82 EASTERN AVE	ESSEX	MA	01929
32-03-11-5	7 HAYNES RD	PAOLINI JAN L		7 HAYNES RD	BOXFORD	MA	01921
32-03-11-6	52 MAIN ST	JOHNSON FRED JOSEPH	JOHNSON ELIZABETH ELLEN	52 MAIN ST	BOXFORD	MA	01921
32-03-12	48 MAIN ST	GLASS SHARON B - TRUSTEE	BRACKETT REALTY TRUST	48 MAIN ST	BOXFORD	MA	01921
32-03-13	46 MAIN ST	OLDAKOWSKI PATRICIA A TR	46 MAIN STREE REALTY TRUST	PO BOX 341	BOXFORD	MA	01921
32-03-14	43 MIDDLETON RD	MULVEY EDWARD J JR	MULVEY CHERYL A	43 MIDDLETON RD	BOXFORD	MA	01921
32-03-15	51 MIDDLETON RD	KRAUSS EDWARD S TR	EDWARD S KRAUSS LIVING TRUST	51 MIDDLETON RD	BOXFORD	MA	01921
32-03-16	57 MIDDLETON RD	ATHAMAS LOUIS G		57 MIDDLETON RD	BOXFORD	MA	01921
32-03-25	MAIN ST	HAYNES CHARLES W		57 MAIN ST	BOXFORD	MA	01921
32-03-26	COR MAIN & MIDDLETON RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921

CERTIFIED COPY
 11/21/2022

Heather Thijault

National Flood Hazard Layer FIRMette

71°03'6"N 42°39'48"W



Legend

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, AE9
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with draining areas of less than one square mile (Zone 2)

Future Conditions 1% Annual Chance Flood Hazard Zone X

Area with Reduced Flood Risk due to Levee, See Notes, Zone X

Area with Flood Risk due to Levee Zone D

OTHER AREAS OF FLOOD HAZARD

- No screen
- Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone X

GENERAL STRUCTURES

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

OTHER FEATURES

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

MAP PANELS

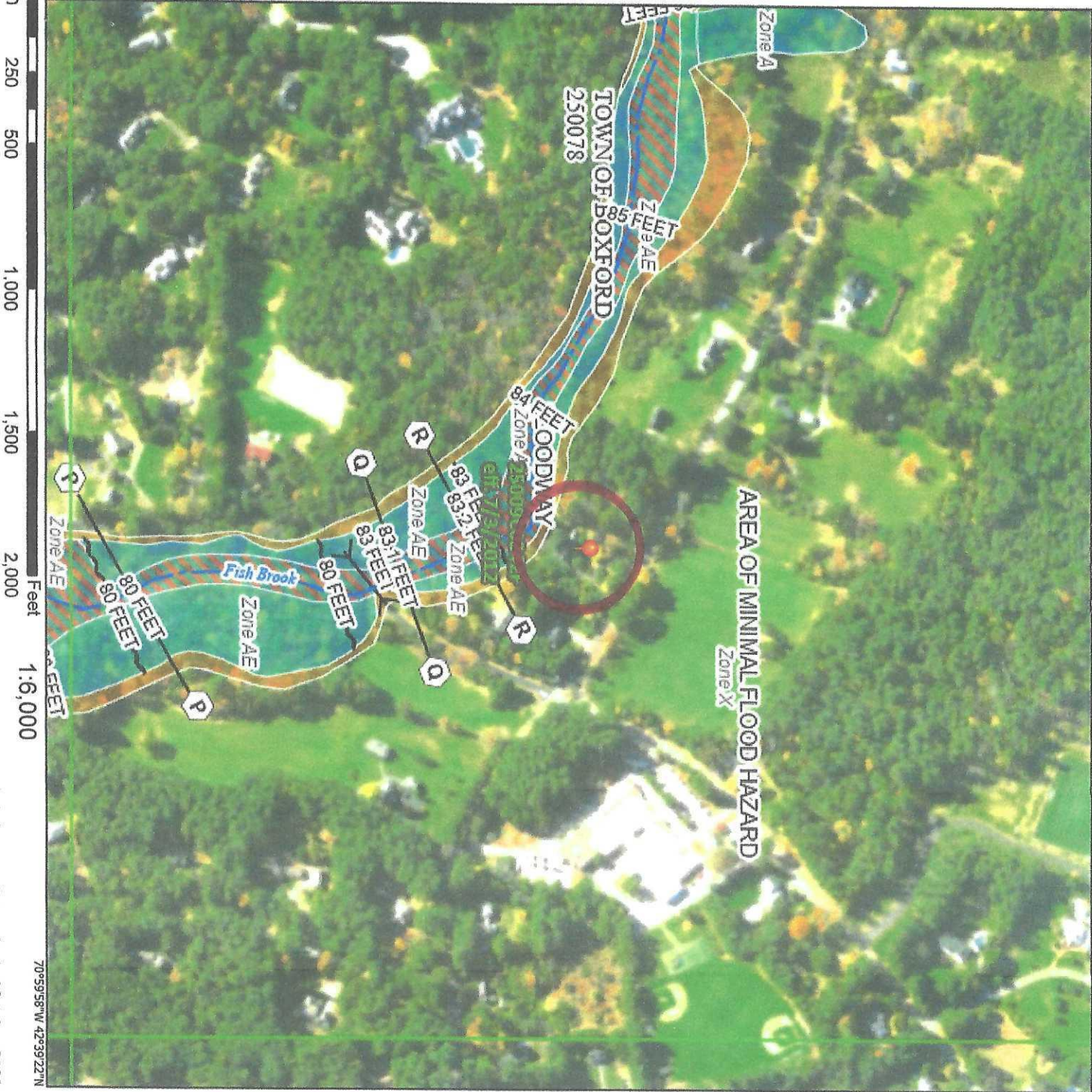
- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 8/24/2022 at 5:18 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.



0 250 500 1,000 1,500 2,000 Feet 1:6,000 70°59'58\"/>

USGS Topographic Maps
Property Tax Parcels



SITE (42.65 984 , - 71.00 466)

Potential Vernal Pools



NHESP Priority Habitats of Rare Species



NHESP Estimated Habitats of Rare Wildlife



NHESP Certified Vernal Pools



Property Tax Parcels

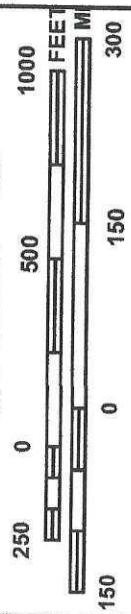


48 MAIN STREET





MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0242F

FIRM
FLOOD INSURANCE RATE MAP
ESSEX COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 242 OF 600
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BOYFORD, TOWN OF	250078	0242	F
NORTH ANDOVER, TOWN OF	250098	0242	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
25009C0242F
EFFECTIVE DATE
JULY 3, 2012

Federal Emergency Management Agency

This is an official FIRMeette showing a portion of the above-referenced flood map created from the MSC FIRMeette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

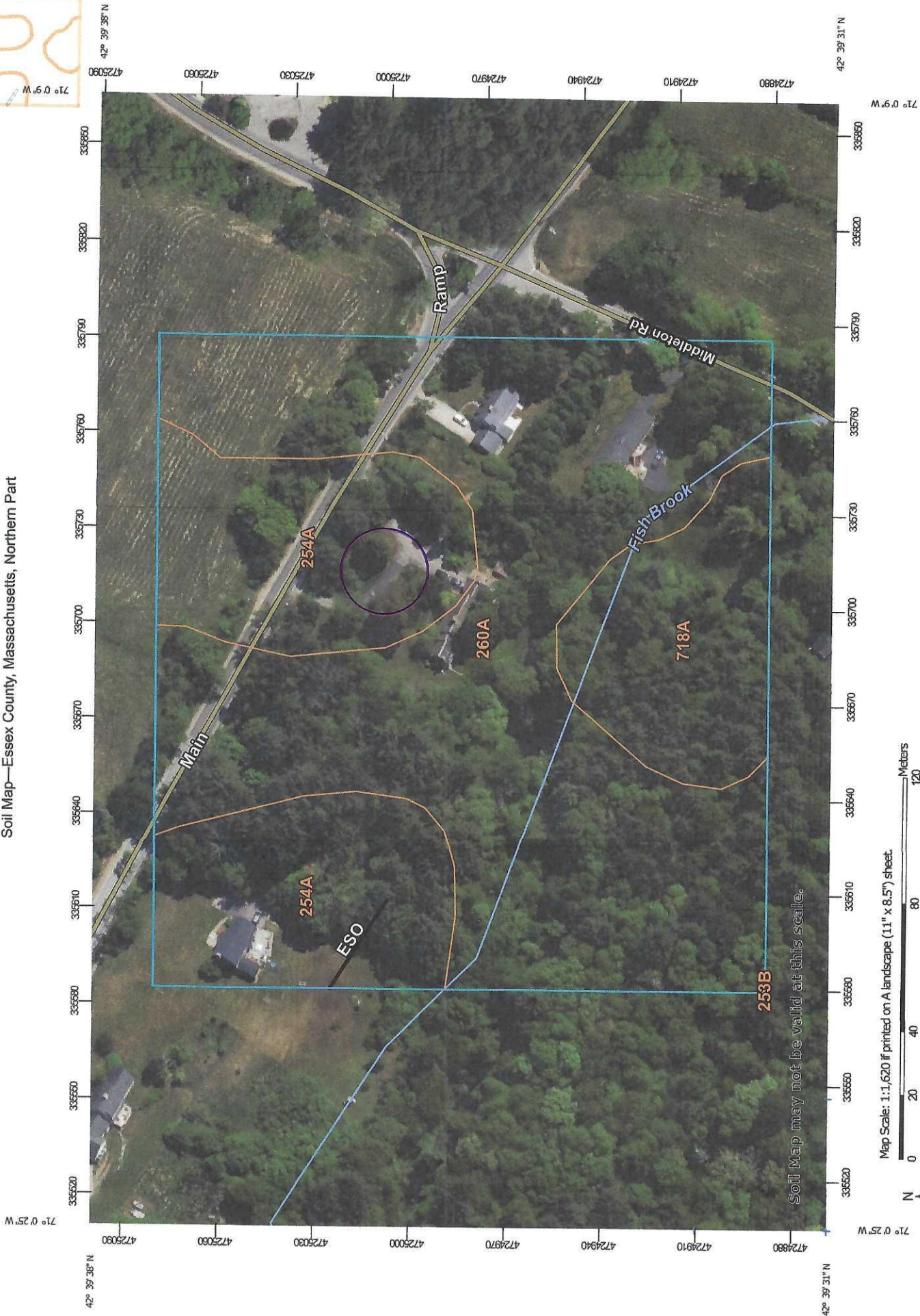
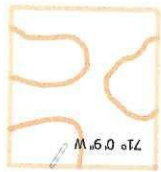


4
71° 00' 00"

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
253B	Hinckley loamy sand, 3 to 8 percent slopes	0.0	0.0%
* 254A	Merrimac fine sandy loam, 0 to 3 percent slopes	2.7	27.9%
260A	Sudbury fine sandy loam, 0 to 3 percent slopes	5.9	60.1%
718A	Saco variant silt loam, frequently ponded, 0 to 1 percent slopes, frequently flooded	1.2	12.0%
Totals for Area of Interest		9.8	100.0%

Soil Map—Essex County, Massachusetts, Northern Part



Soil Map may not be valid at this scale.

Map Scale: 1:1,620 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84