

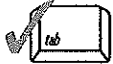
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 1- Request for Determination of Applicability City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
Boxford Wetlands Protection Bylaw, Town Code Ch. 192 & 375

A. General Information

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



1. Applicant:

Name Zoe Finch Totten E-Mail Address zofinch@talknecomcast.net
Mailing Address 10 Mill Rd
City/Town Boxford State MA Zip Code 01921
Phone Number 978-887-8668 978-809-0310 Fax Number (if applicable)

2. Representative (if any):

Firm _____
Contact Name _____ E-Mail Address _____
Mailing Address _____
City/Town _____ State _____ Zip Code _____
Phone Number _____ Fax Number (if applicable) _____

B. Determinations

1. I request the Boxford Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance or bylaw** of:

Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

10 Mill Road Boxford MA 01921
Street Address City/Town

32-01-06
Assessors Map/Plat Number Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

area around the spring-fed pond

- c. Plan and/or Map Reference(s):

Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

Removal of hazardous trees (while leaving
stumps intact) by Cicoria Tree Service
Crane
See attached photo and documentation
from Ben Staples, ISA Board Certified Master
Arborist
of Cicoria Tree Service



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C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

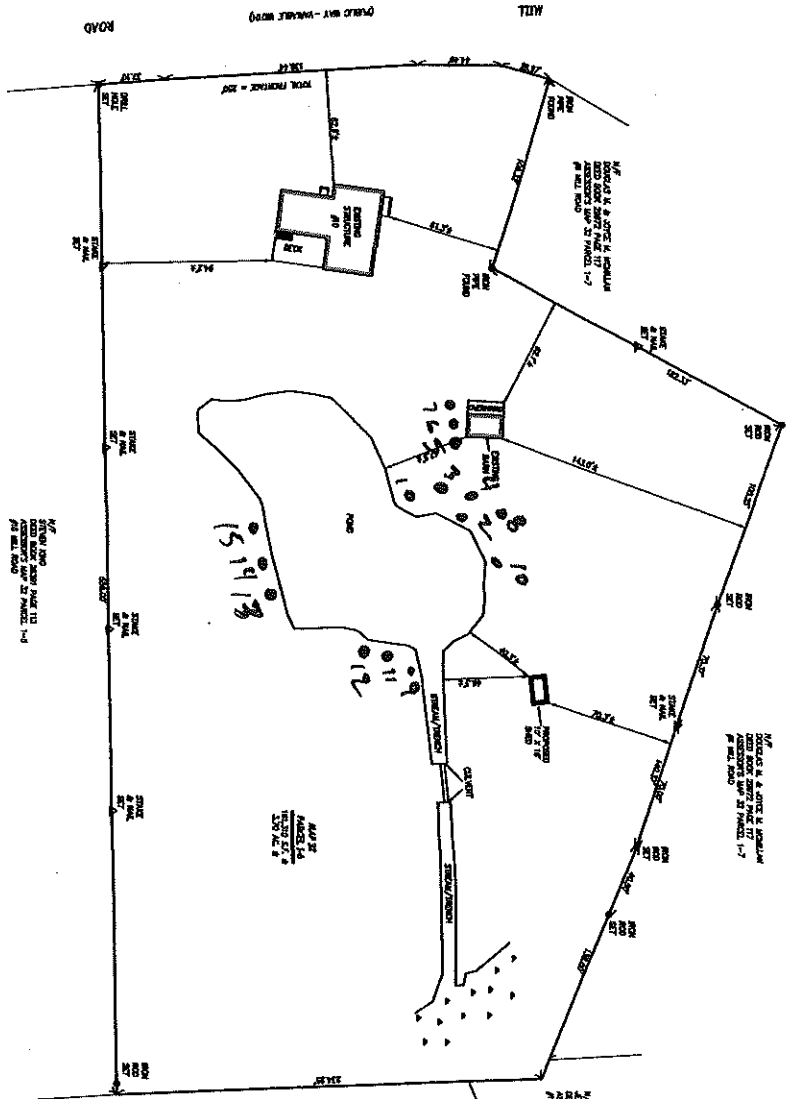
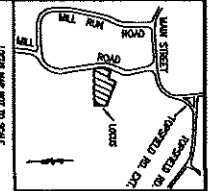
Name and address of the property owner:

Name Zoe Finch Dhen
Mailing Address 10 Mill Road
City/Town Boxford,
State MA Zip Code 01921

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant [Signature] Date Oct. 6th, 2022
Signature of Representative (if any) _____ Date _____



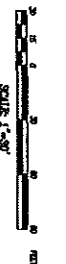
PLANNING
 1) PLAN OF LAND IN RESPONSE TO
 REQUIREMENTS OF MASS DEVELOPMENT
 REGULATIONS, 816 CMR 12.00, AS
 APPLIED TO THE PROPOSED
 DEVELOPMENT OF THE SITE.
 2) ASSESSOR'S MAP 22.

DEED REFERENCE
 1) DEED FROM THE
 MASSACHUSETTS DEED RECORDS
 BOOK 22, PAGE 146
 AND 2) DEED FROM THE
 MASSACHUSETTS DEED RECORDS
 BOOK 22, PAGE 146

ZONING REQUIREMENTS
 DISTRICT: R-1
 MINIMUM LOT AREA: 10,000 SQ. FT.
 MINIMUM LOT FRONTAGE: 50 FT.
 MINIMUM LOT DEPTH: 50 FT.
 MINIMUM SETBACK: 25 FT.
 MINIMUM FRONT YARD SETBACK: 25 FT.
 MINIMUM SIDE YARD SETBACK: 25 FT.
 MINIMUM REAR YARD SETBACK: 25 FT.
 MAXIMUM BUILDING COV.: 35%

NO.	DATE	DESCRIPTION	BY
1	JULY 2, 2002	PROJECT NO. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	PROJECT NO. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

APPLICANT
 Zoe Finch Totten
 10 Mill Road
 Bedford, Ma. 01921
 Essex County



LOCATION SURVEY
 10 Mill Road
 Bedford, Ma. 01921
 Essex County
 Assessors Map 22 Parcel 1-6

PROPOSED
 Certified
 Proposed
 Plot Plan

Arc Surveying & Engineering Associates, Inc.
 25 Foreman Way, Newbury, MA 01951
 Phone: 978/452-0401
 Fax: 978/452-0402
 Website: www.arc-surveying.com



Hi Zoe,

Thank you for taking the time to speak with me about your concerns for the health and stability of the white pines located by the pond behind your house.

A visual inspection was conducted from the ground on 3/4/2022. A sounding hammer was used on all of the inspected trees as a way of helping determine the likelihood of internal decay. Observations are as follows:

1. 26" DBH pine - Visible stress cracks in the trunk on opposite sides with some suggestion of decay from sounding in the area of the cracks. The root flare is suppressed on the holding side of the tree which leans toward the pond. There is some visible decay at the base of the tree on the holding side also, as well as large structural surface roots that have been damaged and show signs of degradation.
2. 29" pine - No serious defects found
3. 26" pine - Extensive decay in the trunk
4. 32" pine - Decay at base. Sounding suggests extensive internal decay above the open wound.
5. 30" pine - No visible defects found
6. 25" pine - No visible defects found
7. 24" pine - Stress crack house side. Sounding did not suggest significant internal decay.
8. 27" pine - Poor vigor, thin crown numerous dead branches. Suppressed root flare holding side with lean towards pond. Trunk and root flare decay pond side. Large damaged surface roots holding side.
9. 26" pine - Stress crack east side. Sounding did not suggest significant internal decay associated with the crack.
10. 18" pine - Leaning and undermined by water. Suppressed roots on the pond side. Stress crack on the east side. Sounding suggested possible decay pond side.
11. 30" pine - Raised root plate on a mound. This could increase the likelihood of wind throw especially in flooding conditions.
12. 30" pine - Some evidence of root plate lifting with soil level well below surface roots. Ground is very spongy between structural roots. Leans toward pond.
13. 36" pine - Heavy lean toward pond. Significantly undermined on the pond side. Evidence of root plate

lifting. Decay pond side. Sounding suggests more extensive internal decay.

14. 21" pine - Multiple stress cracks. Lean towards pond. Suppressed flare and roots pond side. Sounding suggests internal decay.

15. 29" pine - Stress crack. Leans toward pond. Partially undermined. Sounding indicates internal decay pond side.

As you have learned from previous tree failures on your property, with the decay and the other defects revealed by this visual inspection, **the likelihood of failure is increased for trees numbered 3, 4, 8, 10, 12, 13, 14 and 15** and less so for trees 1, 5, 6, 7, 9, and 11 **even during "normal" weather conditions and loading**. All trees pose an inherent risk and can fail even during calm weather. **Excessive wind, ice, snow, flooding and other abnormal conditions can significantly increase the chances of failure, especially for structurally compromised trees.**

Thank you again for your time and attention and for providing the opportunity to inspect your trees. Please do not hesitate to contact me with any questions or concerns.

Sincerely,

Ben Staples
ISA Board Certified Master Arborist - NE 0537B
Cicoria Tree Service