

NOTICE OF INTENT

27 Janes Road
Boxford, Massachusetts

July 2, 2018

Applicant:

Ross Francis
27 Janes Road
Boxford, MA 01921

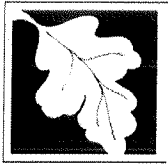
Prepared By:

Williams & Sparages, LLC
189 North Main Street, Suite 101
Middleton, MA 01949
Ph: 978-539-8088
Fax: 978-539-8200
www.wsengineers.com

W&S Project No:

BOXF-0060





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
Boxford Wetlands Protection Bylaw, Town Code Ch. 192 & 37!

MassDEP File Number

Document Transaction Number

Boxford

City/Town

A. General Information (continued)

6. General Project Description:

To replace an existing boardwalk with a new boardwalk within jurisdictional areas of the Massachusetts Wetlands Protection Act and Town of Boxford Wetlands Protection Bylaw.

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)

10.53(3)j - catwalks, footbridges, etc.

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

a. County

35000

c. Book

b. Certificate # (if registered land)

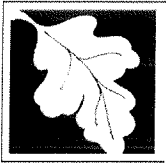
19

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 checked="" type="checkbox"/> Land Under Waterbodies and Waterways	5 +/- 1. square feet _____ 3. cubic yards dredged _____	- 2. square feet _____

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____ 2. cubic feet of flood storage lost _____	3. cubic feet replaced _____
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland _____ 2. Width of Riverfront Area (check one): <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:

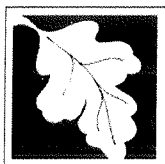
a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

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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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
 Boxford Wetlands Protection Bylaw, Town Code Ch. 192 & 371

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 Limited Project Checklists – 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:**

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

7/2018

b. Date of map

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

- c. Submit Supplemental Information for Endangered Species Review*

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

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:

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

North Shore - Hull to New Hampshire border:

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

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



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Boxford Wetlands Protection Bylaw, Town Code Ch. 192 & 37!

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

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

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

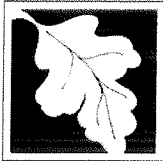
D. Additional Information

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

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

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

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



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D. Additional Information (cont'd)

- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

Plan to Accompany a Notice of Intent

a. Plan Title

Williams & Sparages, LLC.

Richard L. Williams, PE

b. Prepared By

c. Signed and Stamped by

July 2, 2018

1" = 20'

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

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

E. Fees

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

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

1626

2. Municipal Check Number

6/27/2018

3. Check date

1625

4. State Check Number

6/27/2018

5. Check date

Lisa

6. Payor name on check: First Name

Francis

7. Payor name on check: Last Name

Ross A. Francis
Lisa A. Francis
27 Janes Road
Boxford, MA 01921

1625
53-179/113

June 27 2018

Pay to the order of Commonwealth of Massachusetts \$ 42.50

Forty-two ^{50/100} Dollars

Eastern Bank

For

Lisa A Francis

⑆011301798⑆ 40 1935697⑈ 1625

Ross A. Francis
Lisa A. Francis
27 Janes Road
Boxford, MA 01921

1626
53-179/113

June 27 2018

Pay to the order of Town of Boxford \$ 67.50

Sixty-seven ^{50/100} Dollars

Eastern Bank

For

Lisa A Francis

⑆011301798⑆ 40 1935697⑈ 1626

Ross A. Francis
Lisa A. Francis
27 Janes Road
Boxford, MA 01921

1627
53-179/113

June 27 2018

Pay to the order of Town of Boxford \$ 386.50

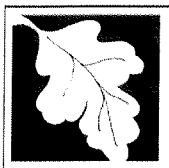
Three hundred thirty-six ^{50/100} Dollars

Eastern Bank

For

Lisa A Francis

⑆011301798⑆ 40 1935697⑈ 1627



Massachusetts Department of Environmental Protection
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WPA Form 3 – Notice of Intent

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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.

Ross Funnis

1. Signature of Applicant

6/27/2018

2. Date

3. Signature of Property Owner (if different)

Boyd Hoch

5. Signature of Representative (if any)

4. Date

7/2/2018

6. Date

For Conservation Commission:

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

For MassDEP:

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

Other:

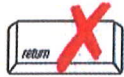
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

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



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:

27 Janes Road Boxford
 a. Street Address b. City/Town
 1625 \$42.50
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Lisa & Ross Francis
 a. First Name b. Last Name
 c. Organization
 27 Janes Road
 d. Mailing Address
 Boxford MA 01921
 e. City/Town f. State g. Zip Code
 978-325-0137 rossfrancis@comcast.net
 h. Phone Number i. Fax Number j. Email Address

3. Property Owner (if different):

a. First Name b. Last Name
 c. Organization
 d. Mailing Address
 e. City/Town f. State g. Zip Code
 h. Phone Number i. Fax Number j. Email Address

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.

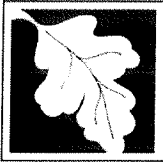
Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

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.

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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 1 a.	1	\$110.00	\$110.00
BCC NOI - \$200.00			
173 SF of Wetland Alteration - \$86.50			
Boundary Verification A5A - A8 + B5 - B11 - \$50.00			

Step 5/Total Project Fee: \$110.00

Step 6/Fee Payments:

Total Project Fee:	\$110.00
State share of filing Fee:	\$42.50
City/Town share of filling Fee:	\$67.50
	a. Total Fee from Step 5
	b. 1/2 Total Fee less \$12.50
	c. 1/2 Total Fee plus \$12.50

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

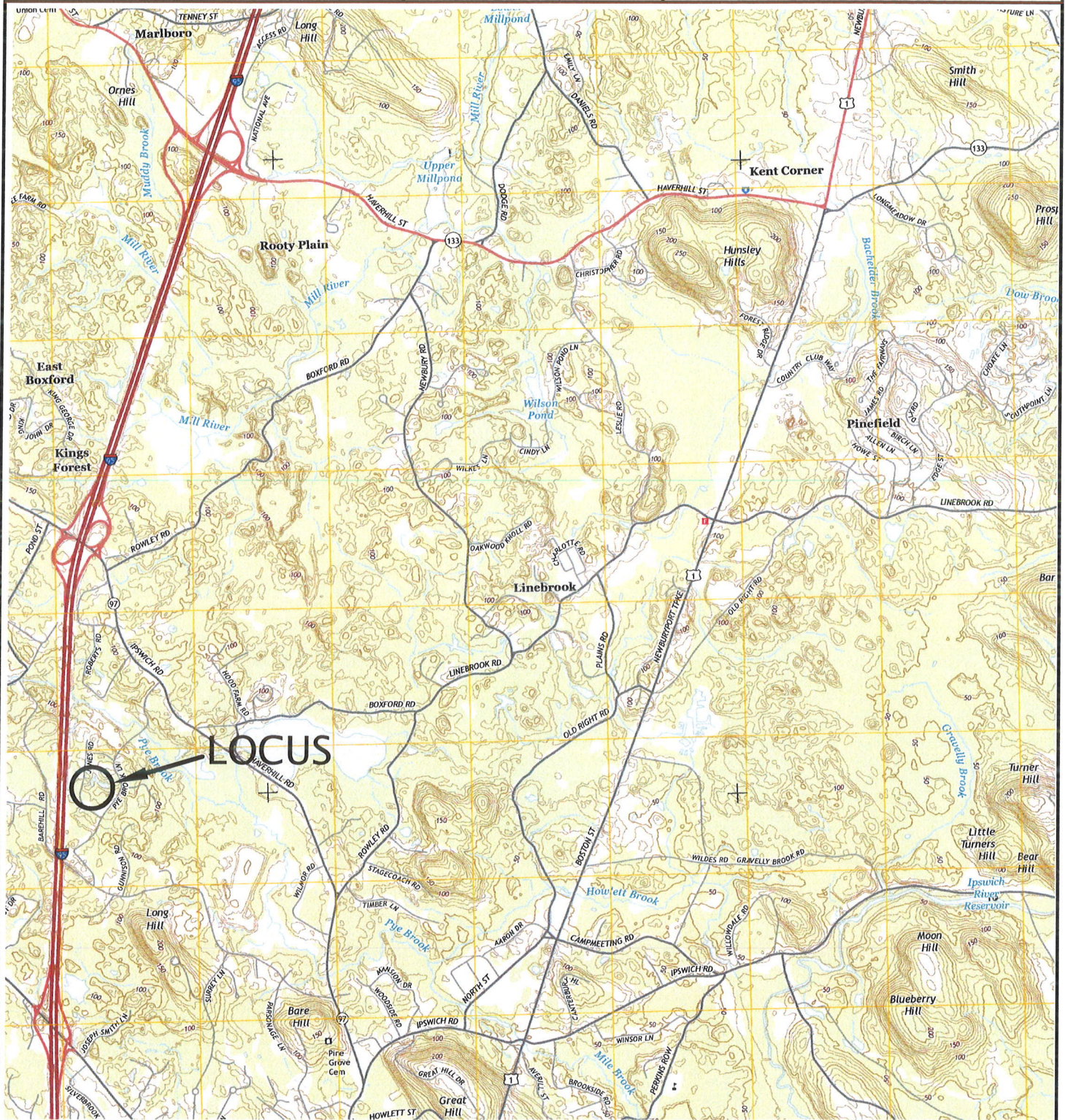
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

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.)

WILLIAMS & SPARGES
CIVIL ENGINEERING &
LAND SURVEYORS



189 NORTH MAIN STREET
SUITE 101
MIDDLETON, MA 01949
PHONE: (978) 539-8088
FAX: (978) 539-8200



UNITED STATES GEOLOGIC SURVEY MAP
SOUTH GROVELAND, MASS QUAD
SCALE: 1:24,000 (metric contours)

LOCUS MAP
27 JANES ROAD
BOXFORD, MA 01921



Project Narrative
27 Janes Road
Boxford, MA 01921

Introduction:

The subject lot is identified as Map 30, Block 1, Lot 63 and otherwise known as 27 Janes Road. The site is bound to the west by Janes Road, to the east by 51 Pye Brook Lane, and to the south by Bordering Vegetated Wetlands and an unnamed Pond. The lot is developed with a single family dwelling that according to the Boxford Assessors Department was built in 1985. The lot is shown as Lot 65 on the plan titled "Plan of Land in Boxford, Property of Holman Realty Inc." dated July 21, 1982 by Hancock Survey Associates, Inc. recorded at the Essex South District Registry of Deeds in Book 1982, Page 209.

The applicants are proposing to replace an existing wooden boardwalk with a new wooden boardwalk within the same footprint. The existing boardwalk is 50' long x 3.5' wide and provides access to an upland portion of the property on the other side of an unnamed pond. The existing boardwalk was damaged during last winter and is beyond repair. According to the applicants, a tree fell on the walkway and damaged it to the point where it has become impassible and is currently degrading in the water. The family uses the boardwalk to gain access across the pond for recreational activities such as fishing and camping during the summer months. The applicants are proposing to remove the existing boardwalk and install a new boardwalk within the same footprint.

According to the most recent Natural Heritage and Endangered Species Program, (NHESP), Atlas the parcel is not mapped as Priority Habitat of Rare Species or Estimated Habitat of Rare Wildlife by the Division of Fisheries and Wildlife NHESP.

According to the NRCS Web Soil Survey the site is mapped as 421C, Canton.

Bordering Vegetated Wetland, (BVW):

As discussed, there is a BVW that borders on an unnamed pond. The BVW was delineated as the A-series with blue surveyors tape. For the most part the BVW is a toe of slope wetland that parallels the water edge with an abrupt change in vegetation and soils along its boundary, (see attached wetland field data forms).

Proposed Work:

The project is proposed as a limited project under 310 CMR 10.53(3)(j),

The construction and maintenance of catwalks, footbridges, wharves, docks, piers, boathouses, boat shelters, duck blinds, skeet and trap shooting decks and observation decks; provided, however, that such structures are constructed on pilings or posts so as to permit the reasonably unobstructed flowage of water and adequate light to maintain vegetation.

As mentioned above, the replacement boardwalk is proposed in the same footprint as the existing boardwalk in an attempt to minimize impacts to the jurisdictional resource areas. The walkway is proposed to be 50'L and 3.5' wide, constructed with 1 x 6 cedar decking and galvanized steel posts with beam connections. The proposed finished height of the walkway in the middle is 28-inches+/- . Framing for the bridge will be wrapped in cedar and is to be 2 x 10 pressure treated Southern Pine, (see attached framing detail provided by the applicant's builder).

Approximately six (6) galvanized steel pipes are proposed to be driven into the Pond substrate using hand tools that will support and suspend the structure over the existing pond. By constructing the boardwalk on posts it will permit the reasonably unobstructed flowage of water and adequate light to maintain vegetation.

All materials will be carried in by hand and stockpiled in the existing maintained lawn area to avoid any impact to resource areas.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? Yes
 title/date: NRCs Web Soil Survey
 map number:
 soil type mapped: 257E - Hinckley
 hydric soil inclusions: No

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	2-0	Organics	-
A	0-2	10YR3/2	-
Bw	2-12	10YR5/6	-

Remarks:

3. Other:

Conclusion: Is soil hydric? No

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

- Site Inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment Deposits: _____
- Drainage patterns in BW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):

- Other: _____

Vegetation and Hydrology Conclusion

Number of wetland indicator plants
 ≥ # of non-wetland indicator plants

Yes No

X

Wetland hydrology present:

Hydric soil present

X

Other indicators of hydrology present

X

Sample location is in a BW

X

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

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

Applicant: Ross Francis Prepared by: Greg Hochmuth Project location: 27 Janes Road, Boxford, MA DEP File #: _____
 Check all that apply:

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

Section I.

Vegetation	Observation Plot Number: WFA-11 Wet	Transect Number: WFA-11 Wetland	Date of Delineation: 4/24/2018
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)
Trees			
Red Oak - <i>Quercus rubra</i>	50%	40%	YES
White Pine - <i>Pinus strobus</i>	40%	32%	YES
Red Maple - <i>Acer rubrum</i>	25%	20%	YES
White Oak - <i>Quercus alba</i>	10%	8%	NO
Shrubs			
Pepper-bush - <i>Clethra alnifolia</i>	70%	74%	YES
HighBush Blueberry - <i>Vaccinium corymbosum</i>	20%	21%	YES
Speckled Alder - <i>Alnus rugosa</i>	5%	5%	NO
Ground Cover			
Pepper-bush - <i>Clethra alnifolia</i>	30%	60%	YES
Swamp Azalia - <i>Rhododendron periclymenoides</i>	10%	20%	YES
Wool-grass - <i>Scirpus cyperinus</i>	5%	10%	NO
Purple Loosestrife - <i>Lythrum salicaria</i>	5%	10%	NO

FACU-
FACU
FAC*
FACU-

FAC+*
FACW-
FACW+

FAC+*
FAC*
FACW+
FACW+

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

Vegetation conclusion:

Number of dominant wetland indicator plants: 5

Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? Yes

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

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? Yes
 title/date: NRCS Web Soil Survey
 map number:
 soil type mapped: 52A - Freetown
 hydric soil inclusions: No

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	5-0	Organics	-
C - Med. Sand	0-12	2.5Y 5/4	-

Remarks: 4" to standing water and saturated at surface

3. Other:

Conclusion: Is soil hydric? Yes

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

- Site Inundated: _____
- Depth to free water in observation hole: _____ 6" _____
- Depth to soil saturation in observation hole: _____ 4" _____
- Water marks: _____
- Drift lines: _____
- Sediment Deposits: _____
- Drainage patterns in BWV: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):

- Other: _____

Vegetation and Hydrology Conclusion

Number of wetland indicator plants
 ≥ # of non-wetland indicator plants

Yes No

__X__

Wetland hydrology present:

Hydric soil present

__X__

Other indicators of hydrology present

__X__

Sample location is in a BWV

__X__

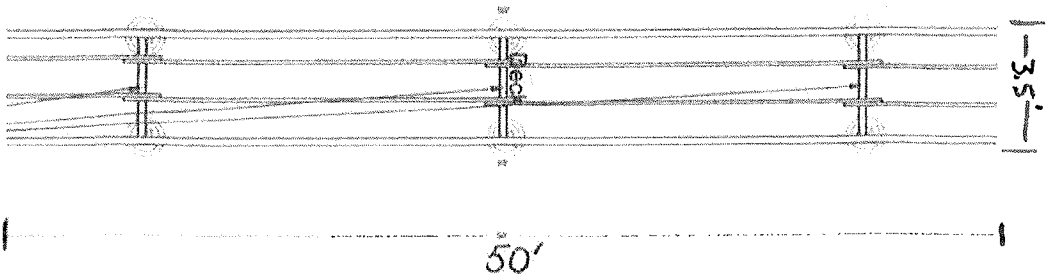
Submit this form with the Request for Determination of Applicability or Notice of Intent.

SCALE: 1/4" = 1' WHEN PRINTED ON 11X17 PAPER

BASED ON THE INTERNATIONAL RESIDENTIAL CODE

DISCLAIMER: THIS PLAN IS NOT CONSIDERED COMPLETE UNLESS APPROVED BY YOUR BUILDING INSPECTOR OR STRUCTURAL ENGINEER. BUILDING ACCEPTS ALL RESPONSIBILITY AND LIABILITY. DESIGN CON LLC AND ASSOCIATED SPOKESMEN ACCEPT NO LIABILITY FOR THE USE OF THIS PLAN.

- Framing to be 2X10 PT SYP
- Posts will be galvanized steel pipe with beam connections
- Framing will be wrapped in cedar
- Decking will be 1X6 cedar
- ALL Framing 16" O.C"
- Finished height will be 26" A.G.



DISCLAIMER: THIS PLAN IS NOT CONSIDERED COMPLETE UNLESS APPROVED BY YOUR BUILDING INSPECTOR OR STRUCTURAL ENGINEER. BUILDING ACCEPTS ALL RESPONSIBILITY AND LIABILITY. DESIGN CON LLC AND ASSOCIATED SPOKESMEN ACCEPT NO LIABILITY FOR THE USE OF THIS PLAN. © DESIGN CON LLC

DISCLAIMER: DO NOT USE OR BETTER PRESSURE TREATED SOUTHERN PINE 2X10 FOR FRAMING MATERIALS. NEVER SUBSTITUTE SOFTWOODS OR COMPOSITE FOR FRAMING MATERIALS.

2x10 Ledger Board to be flashed and bolted (2) 1/2" bolts with washers or equivalent every 16" on center. (See ledger detail in deck construction guide)

Joists to be 2x10 pressure treated southern yellow pine installed 16" on center.

Beams to be 2-2x10 pressure treated southern yellow pine nailed.

Guard Rails to be 36" high with less than 4" openings per IRC code. (See rail detail in deck construction guide)

Stairs to be built max rise 7-3/4" min rise 4" in run 10" per IRC code. (See stair detail in deck construction guide)

Decking to be 5/4x6 Pressure Treated Pine. (Follow manufacturers' installation instructions)

All hardware to be corrosion resistant and installed per manufacturers' instructions.

AFFIDAVIT OF SERVICE

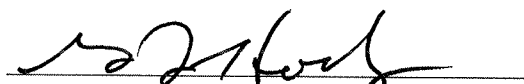
Under the Massachusetts Wetlands Protection Act

(To be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, Gregory J. Hochmuth, hereby certify under the pains and penalties of perjury that on July 3, 2018 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Law Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent filed under Massachusetts Wetlands Protection Act and Boxford Wetlands Protection Bylaw by Ross Francis with the Boxford Conservation Commission on July 3, 2018 for property located at 27 Janes Road.

The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.


Name

7/3/2018
Date

TOWN OF BOXFORD
 ABUTTER LIST

PARCEL # 30-01-63 ~ 27 JANES ROAD ~ CONSERVATION COMMISSION - 250'

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
(30-01-62)	31 JANES RD	CLEMENS RALPH & MARYANN-TR	RALPH S CLEMENS LIVING TRUST	31 JANES RD	BOXFORD	MA	01921
(30-01-63)	27 JANES RD	FRANCIS ROSS A	FRANCIS LISA A	27 JANES RD	BOXFORD	MA	01921
(30-01-72)	22 JANES RD	GOUDIE MICHAEL	GOUDIE GINA L	22 JANES RD	BOXFORD	MA	01921
(30-01-67)	17 JANES RD	GRONNEBERG JANET F	GRONNEBERG RICHARD N	17 JANES RD	BOXFORD	MA	01921
(30-01-71)	16 JANES RD	HORNER PATRICIA A		16 JANES RD	BOXFORD	MA	01921
(30-01-74)	32 JANES RD	JARVIS CAMILLE J	JARVIS RYAN	32 JANES RD	BOXFORD	MA	01921
(30-01-36)	51 PYE BROOK LN	LAPATOVICH WALTER P	LAPATOVICH PENNY L	51 PYE BROOK LN	BOXFORD	MA	01921
(30-01-68)	9 JANES RD	MANTON STEPHEN J	MANTON KIRSTEN N	9 JANES RD	BOXFORD	MA	01921
(30-01-34)	63 PYE BROOK LN	MILLER ROBERT S	MILLER MARCI L	63 PYE BROOK LN	BOXFORD	MA	01921
(30-01-73)	28 JANES RD	PAIVA MARY F TR	PAIVA BOXFORD FAMILY TRUST	28 JANES RD	BOXFORD	MA	01921
(30-01-70)	12 JANES RD	PECKHAM DREW E	PECKHAM TONI A	12 JANES RD	BOXFORD	MA	01921
(30-01-35)	55 PYE BROOK LN	SKINNION ROBERT M	SKINNION MARY ANN	55 PYE BROOK LN	BOXFORD	MA	01921
(30-01-33)	65 PYE BROOK LN	TILTON III FREDERICK A	AMATO TILTON MICHELLE L	65 PYE BROOK LN	BOXFORD	MA	01921
(30-01-37)	47 PYE BROOK LN	VORRIAS CHARLES	VORRIAS LAURA A	47 PYE BROOK LN	BOXFORD	MA	01921

CERTIFIED COPY

Janghlin

June 18, 2018

