

# Notice of Intent

**North Royalston Road  
Winchendon, MA**

**May 2022**

**Submitted to:  
Town of Winchendon  
Conservation Commission  
109 Front St,  
Winchendon, MA 01475**

**Submitted by:  
Ryan Hamilton  
Stumpy Acres LLC  
37 Pinewood Road  
Bolton, MA 01740**

**Prepared by:  
Goldsmith, Prest & Ringwall, Inc.  
39 Main Street, Suite 301  
Ayer, MA 01432**

**Project No:  
211069**





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WPA Form 3 - Notice of Intent

Narrative / Cover Letter

### Appendix

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USGS @ 1" = 2000' and Enlarged

Assessor's Map

Notification To Abutters

MassDEP NOI Wetland Fee Transmittal Form

FEMA Firm Map No. 2503480012B (Effective Date: 6/15/1982)

Letter of Agent Authorization

Previous Owners Tree Cutting Plan

### Attachments

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"Residential Development Access - Notice of Intent"

North Royalston Road, Winchendon, MA

*Prepared by Goldsmith, Prest & Ringwall, Inc. May 2022*





**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands

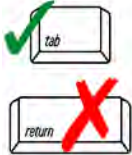
**WPA Form 3 – Notice of Intent**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40  
 Town of Winchendon Wetland Protection Bylaw

Provided by MassDEP:

MassDEP File Number
Document Transaction Number
Winchendon
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):

<u>North Royalston Road</u>	<u>Winchendon</u>	<u>01475</u>
a. Street Address	b. City/Town	c. Zip Code
<u>Latitude and Longitude:</u>	<u>42.699134</u>	<u>-72.094916</u>
	d. Latitude	e. Longitude
<u>1</u>	<u>64</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Ryan</u>	<u>Hamilton</u>	
a. First Name	b. Last Name	
<u>Stumpy Acres, LLC</u>		
c. Organization		
<u>37 Pinewood Road</u>		
d. Street Address		
<u>Bolton</u>	<u>MA</u>	<u>01740</u>
e. City/Town	f. State	g. Zip Code
<u>781-363-1036</u>	<u>-</u>	<u>hamiltonra@yahoo.com</u>
h. Phone Number	i. Fax Number	j. Email Address

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

<u>-</u>	<u>-</u>	
a. First Name	b. Last Name	
<u>-</u>		
c. Organization		
<u>-</u>		
d. Street Address		
<u>-</u>	<u>-</u>	<u>-</u>
e. City/Town	f. State	g. Zip Code
<u>-</u>	<u>-</u>	<u>-</u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>James</u>	<u>Basile</u>	
a. First Name	b. Last Name	
<u>Goldsmith, Prest &amp; Ringwall, Inc.</u>		
c. Company		
<u>39 Main Street, Suite 301</u>		
d. Street Address		
<u>Ayer</u>	<u>MA</u>	<u>01432</u>
e. City/Town	f. State	g. Zip Code
<u>(978) 772-1590</u>	<u>(978) 772-1591</u>	<u>jbasile@gpr-inc.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$1050.00</u>	<u>\$512.50</u>	<u>\$537.50</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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**A. General Information (continued)**

6. General Project Description:

Reviving existing dirt road that runs across Bordering Vegetated Wetlands and associated buffer zones through the center of property to usable dirt road, install culvert(s) to maintain hydraulic connection over wet area, clean up debris left behind from forestry operation.

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:

Worcester	-
a. County	b. Certificate # (if registered land)
63098	64
c. Book	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 checked="" type="checkbox"/> Bordering Vegetated Wetland	4,787± 1. square feet	5,000± 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	- 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) - <b>specify coastal or inland</b>	

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: \_\_\_\_\_ 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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**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. <input type="checkbox"/> 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. <input type="checkbox"/> Project Involves Stream Crossings	1 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

- 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](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**

- Online \_\_\_\_\_  
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\*

- Percentage/acreage of property to be altered:
 

(a) within wetland Resource Area	- _____ percentage/acreage
(b) outside Resource Area	- _____ percentage/acreage

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

- 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 \*\*
  - Project description (including description of impacts outside of wetland resource area & buffer zone)
  - Photographs representative of the site

\* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/endangered-species-act-mesa-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)

**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.

Residential Development Access – Notice of Intent

a. Plan Title

Goldsmith, Prest & Ringwall, Inc.

Nicholas M. Pauling, PE

b. Prepared By

c. Signed and Stamped by

May 2022

1"=40'

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:

0016

2. Municipal Check Number

537.50

3. Check date

0017

4. State Check Number

512.50

5. Check date

Stumpy Acres

6. Payor name on check: First Name

7. Payor name on check: Last Name



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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.

*James Basile* \*(Agent)  
1. Signature of Applicant

5/25/22

2. Date

3. Signature of Property Owner (if different)

*James Basile*  
5. Signature of Representative (if any)

4. Date

5/25/22

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.





PROJECT NARRATIVE  
To accompany  
NOTICE OF INTENT  
Town of Winchendon  
North Royalston Road, Winchendon, MA

**GENERAL**

Goldsmith, Prest & Ringwall, Inc. (GPR) hereby submits this narrative and other materials in support of the Notice of Intent (NOI) submitted by the applicant, Ryan Hamilton. This notice is being filed for the construction of 670 ± linear feet of new gravel driveway to provide access from North Royalston Road into the lot and to a future residential dwelling. The proposed work will take place within Bordering Vegetated Wetlands (BVW) and BVW buffer areas. The proposed work area is a mix of grassed and heavily disturbed wooded areas, as shown on the attached plans. The following narrative describes existing and proposed site conditions and work to be performed in jurisdictional areas.

**EXISTING CONDITIONS**

The subject property is shown on Town of Winchendon, MA Assessor Map 1, Parcel 64, measuring 47.93± acres, owned by Ryan Hamilton under the entity Stumpy Acres, LLC. The subject property (Parcel 64) is located within the R80 - Rural Residential District, and has two frontages onto North Royalston Road, a western frontage, and an eastern frontage, each frontage measuring 200± feet.

The previous property owner had conducted an extensive tree harvesting of the site prior to the current owners' acquisition of the site for hunting and a future hunting camp. The site of entry for the harvest was the western frontage into the subject property, which has been thoroughly disturbed. The disturbed area of wetland that was used by the loggers to cross the wetlands is also the area the driveway will be constructed to cross the wetlands. Portions of the property bordering wetlands on the site are still wooded, while upland areas have been thinned extensively. GPR has done no evaluation of the extent of the harvested area of the site (See Site Photos).

According to the NRCS Web Soil Survey, the predominant hydraulic soil group (HSG) classification for this soil is HSG-C, predominantly listed as a Pillsbury-Peacham association soil.

**JURISDICTION**

Bordering Vegetated Wetland (310 CMR 10.55)

Bordering Vegetated Wetlands (BVW) on the subject property at the western frontage were delineated and flagged by Matthew S. Marro Environmental Consulting, Inc. in November & December of 2021 and surveyed by GPR, Inc. The land at the lot frontage is sloped away from North Royalston Road at 4%± towards the lower wetlands. The

identified BVW appears to start at North Royalston Road, on the parcel located to the west of the proposed driveway, at the discharge from an existing 12" CMP culvert within North Royalston Road. This wide BVW continues onto the subject property where it is eventually crossed by the logging access, which is the site of our improved crossing. The extent of the BVW is defined by four (4) Wetland Flagging (WF) series.

The series WF-100 through WF-112 extends from North Royalston Road to the south, across the adjacent lot (parcel 241), located to the west of the subject property. This WF series will not be altered by the proposed site work.

The series WF-1 through WF-13 extends from North Royalston Road to the south east, across the adjacent lot (parcel 241), through the subject property and onto the adjacent lot (parcel 209), located to the east of the subject property.

The series WF-1A through WF-11A is located down gradient from the series listed above (WF-100 to WF-112 & WF-1 to WF-13). This series is primarily located on the subject property.

The series WF-1B through WF-14B begins at the WF-100, and extends to the south across the subject property.

On the easterly side of the property, there are additional BVW areas that were not delineated by Matthew S. Marro Environmental Consulting, Inc., due to the series being located so far from the proposed site work. These BVW areas are shown on the "Previous Owners - Tree Cutting Plan", included in the appendix of this application package.

As mentioned previously, the subject property has two frontages on North Royalston Road, a western and eastern frontage, each measuring 200± feet. Within the last two years, the previous owners had previously provided a Tree Cutting Plan to the Town of Winchendon (see appendix), focused on tree harvesting at the western frontage entry into the subject property. As a result, there are existing areas of disturbance to the BVW and BVW buffers on the westerly side of the property (See Site Photos). The existing condition of the west side of the property makes the westerly frontage the preferred location for the proposed driveway as this area has already been extensively cleared of trees and disturbed.

Proposing driveway access through the easterly frontage would need to disturb BVW areas that were not affected by the tree harvesting on the west side of the property and would likely cause more disturbance to BVW than what is proposed in this plan, which proposes to utilize primarily previously disturbed BVW areas while also providing BVW replication areas, further elaborated in the following section.

### ***PROPOSED CONDITIONS***

The construction activity in the BVW buffer areas measures 9,305± SF, with an additional 4,787± SF of BVW impact resulting from the proposed gravel driveway and drainage. The proposed project site area extends southward from the subject property's western frontage on North Royalston Road, into the BVW buffers, across the BVW, and back out to uplands.



The proposed work also includes limited tree clearing, installation of straw wattles for erosion control, construction entrance, site grading, drainage conveyance of the wetland flow under the driveway, and installation of a wetland replication area as mitigation for BVW impacts.

The following is a tabulation of quantities associated with the proposed development alterations of buffers and BVW:

BVW Alteration	4,787± square feet
BVW Buffer Alteration (0'-50')	5,785± square feet
BVW Buffer Alteration (50'-75')	1,985± square feet
<u>BVW Buffer Alteration (75'-100')</u>	<u>1,535± square feet</u>
<b>Total BVW Alteration</b>	<b>4,787± square feet</b>
<b>Total Buffer Alteration</b>	<b>9,305± square feet</b>

The driveway alignment and grading is aligned along the existing disturbed area, and has been optimized to create the least BVW and buffer zone impacts, to limit additional tree removals, and to minimize impacts to natural drainage patterns to the extents practicable. Wetland replication areas to mitigate for BVW impacts measure 5,000± SF are proposed near the areas of disturbance for the driveway, contiguous to existing BVWs.

## **SITE PHOTOS**



*(Site Photo #1 from Road, facing west)*





*(Site Photo #2 from Road, facing south)*



*(Site Photo #3 from site, facing north towards Road)*





*(Site Photo #4 from site, facing north towards Road)*



*(Site Photo #5 evidence of extensive tree harvesting from previous owner)*





*(Site Photo #6 extensive tree harvesting)*



*(Site Photo #7 water at crossing, low to no flow)*





*(Site Photo #8 facing down site from crossing)*

## **STORMWATER MANAGEMENT**

The proposed driveway provides access to a future single-family house to be located in the upland areas beyond the wetlands. The location and footprint of the future residence is to be determined at a later date. Because of the residential use, the project is exempt from the provisions of the MassDEP Stormwater Management Standards, however, drainage improvements and accommodations are proposed as described below.

The proposed access drive construction will result in 8,043± SF of gravel area. A swale is proposed along the westerly side of the new access drive to capture and convey stormwater runoff down to dual 24" culverts. A shallow depressed area around the dual culvert inlets will provide some stormwater storage, while allowing the wetland flow to cross underneath the proposed driveway. This flow will discharge from the culverts on the other side of the driveway, and from there will follow the pre-development path of the existing wetland flow. Stone armoring will reduce runoff velocity at the culvert outlet in order to mitigate possible scouring and erosion within the BVW.

This proposed driveway culvert crossing was modeled in HydroCAD in order to analyze the 2-, 10-, 25- & 100-year storm events, see "Residential Development Access – Notice of Intent" Plan (page 2 of 3). During the 100-year storm event, the peak elevation is 988.97, below the lowest elevation of the driveway crest (989.00). This will allow access the site, even during 100-year storm events.

Erosion Control: Prior to commencement of activities on site, a straw wattle barrier is to be installed according to the plan, serving as the limits of work within the BVW and buffers.

Stockpiling: Fill is needed to be hauled in for this driveway construction. A limited amount of onsite cut may need to be removed from the site. Fill shall be stored outside of the buffer zone and/or it shall be surrounded by staked straw bales to prevent erosion and sedimentation. No storage, disposal or burial of construction debris shall be allowed within the buffer zone or BVW.

Construction Debris: Any construction debris is to be relocated next to the temporary stockpiles of fill and removed of in a timely manner.

#### GENERAL SEQUENCE OF CONSTRUCTION

- 1) Install erosion & sediment controls, and safety measures.
- 2) Construct driveway and site grading, installing drainage measures.
- 3) Loam and seed.
- 4) Remove erosion & sediment controls, and safety measures.

#### **CONCLUSION**

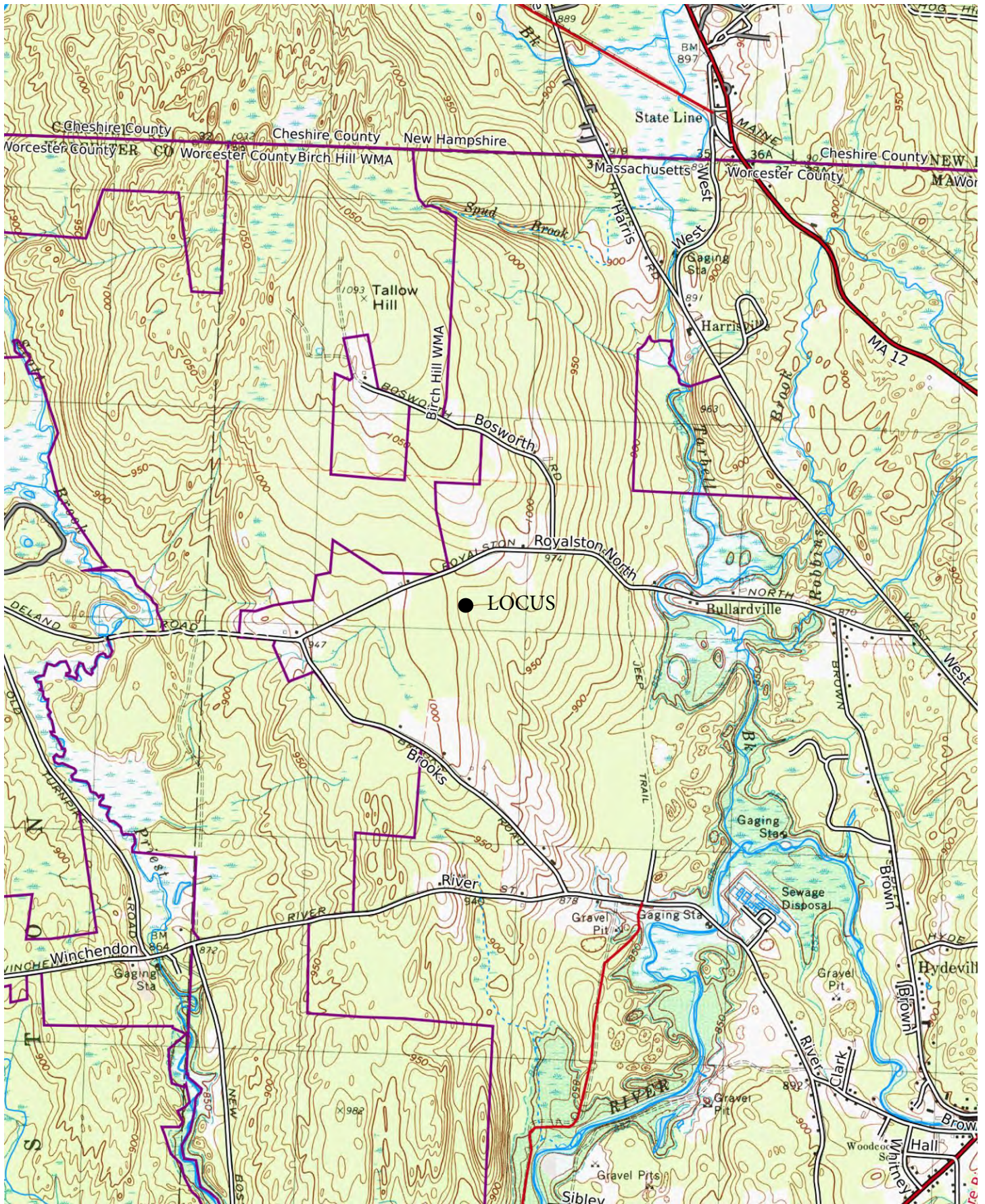
Erosion control measures will be furnished, installed, regularly inspected and maintained through the duration of the construction project to minimize erosion and sediment conveyance into environmentally sensitive areas. Disturbed areas will be stabilized upon completion of work. When rainfall is expected, reinforcing control measures will be installed as needed, controls will then be inspected post-storm event, and repaired if needed. Erosion control measures will remain in place until all disturbed areas have been stabilized.

# APPENDIX

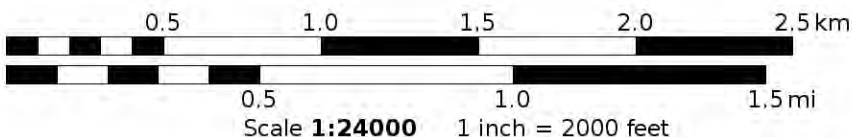
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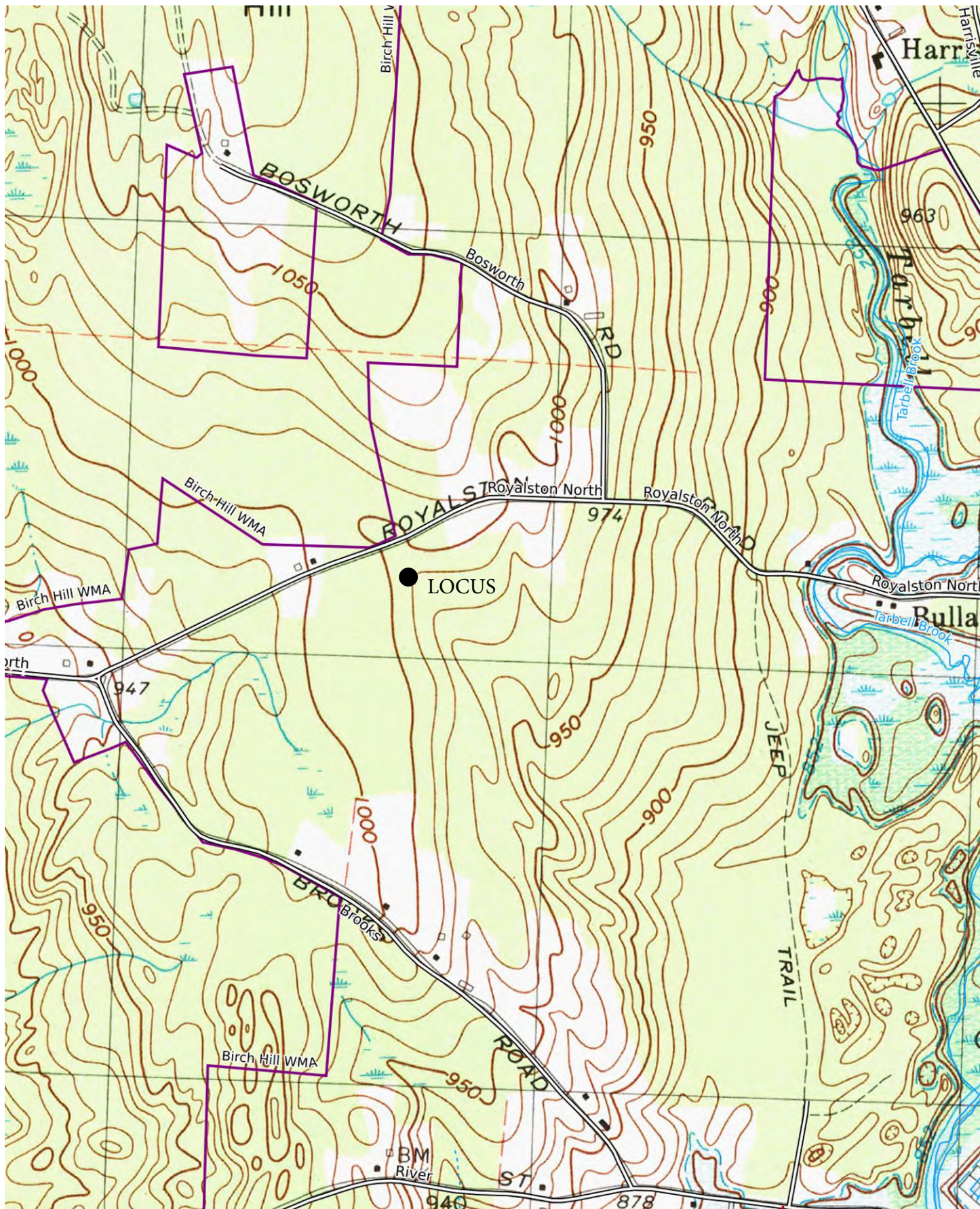




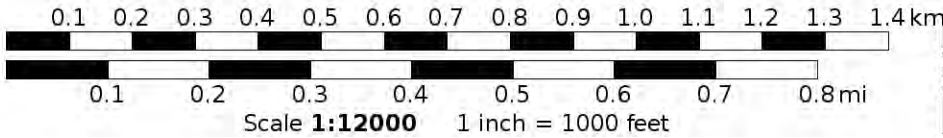
Mercator Projection  
 WGS84  
 USNG Zone 18TYN  
 CALTOPO







Mercator Projection  
 WGS84  
 USNG Zone 18TYN  

MN  
 -14°





# North Royalston Rd

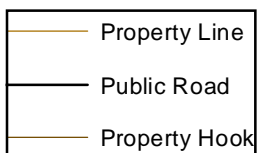
Winchendon, MA



September 2, 2021

1 inch = 500 Feet

www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

NOTIFICATION TO ABUTTERS UNDER THE  
MASSACHUSETTS WETLANDS PROTECTION ACT

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

- A. The name of the applicant is **Ryan Hamilton of 37 Pinewood Road, Bolton MA.**
- B. The applicant has filed a Notice of Intent with the Conservation Commission for the municipality of **Winchendon**, seeking permission to remove, fill, dredge or alter an Area Subject to Protection Under the Wetlands Protection Act ( General Laws Chapter 131, Section 40).

The address of the lot where the activity is proposed is **North Royalston Road, Winchendon MA**

- D. Copies of the Notice of Intent may be examined at Goldsmith, Prest & Ringwall, Inc.'s office between the hours of 8 AM and 5 PM on the following days of the week: Monday through Friday. For more information, call: (978) 772-1590.

Check one: This is the:  applicant,  representative, or  other (specify):

- E. Copies of the Notice of Intent may be obtained from either (check one):  the applicant, or  the applicant's representative by calling this telephone number (978) 772-1590 between the hours of 9 AM and 5 PM on the following days of the week: Monday through Friday.
- F. Information regarding the date, time, and place of the public hearing may be obtained from the Conservation Commission's office or by calling this number (978) 297-3537 between the hours of 8:00 AM to 6:00 PM on Mondays and 8:00 AM to 5:00 PM Tuesday thru Thursday (or by appointment)

Check one: This is the  applicant,  representative, or  other (specify):  
**Winchendon CONSERVATION COMMISSION**

NOTE: Notice of the public hearing, including its date, time, and place will be published at least five (5) days in advance in the: **Gardner News**  
(Name of Newspaper)

NOTE: Notice of the public hearing, including its date, time, and place will be posted in the City or Town Hall not less than forty-eight (48) hours in advance.

NOTE: You may also contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call:

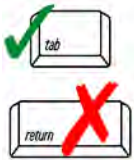
<b>Central Region:</b>	<b>(508) 792-7650</b>
Northeast Region:	(978) 661-7600
Southeast Region:	(508) 946-2800
Western Region:	(413) 784-1100

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**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:

North Royalston Road Winchendon  
 a. Street Address b. City/Town  
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Ryan Hamilton  
 a. First Name b. Last Name  
 Stumpy Acres, LLC  
 c. Organization  
 37 Pinewood Road  
 d. Mailing Address  
 Bolton MA 01740  
 e. City/Town f. State g. Zip Code  
 781-363-1036 - hamiltonra@yahoo.com  
 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
3.(c)	1	\$1050.00	\$1050.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Step 5/Total Project Fee:** \_\_\_\_\_

**Step 6/Fee Payments:**

Total Project Fee:	\$1050.00
State share of filing Fee:	\$512.50
City/Town share of filing Fee:	\$537.50
	a. Total Fee from Step 5
	b. 1/2 Total Fee <b>less</b> \$12.50
	c. 1/2 Total Fee <b>plus</b> \$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.)





**KEY TO MAP**

500-Year Flood Boundary	ZONE B
100-Year Flood Boundary	ZONE A1
Zone Designations*	ZONE A5
100-Year Flood Boundary	ZONE B
500-Year Flood Boundary	ZONE B

Base Flood Elevation Line With Elevation In Feet\*\*  $\sim$  513

Base Flood Elevation In Feet Where Uniform Within Zone\*\* (EL 987)

Elevation Reference Mark RM7x

Zone D Boundary

River Mile +M1.5

\*\*Referenced to the National Geodetic Vertical Datum of 1929

**\*EXPLANATION OF ZONE DESIGNATIONS**

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
AD	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

**NOTES TO USER**

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

INITIAL IDENTIFICATION:  
AUGUST 29, 1974

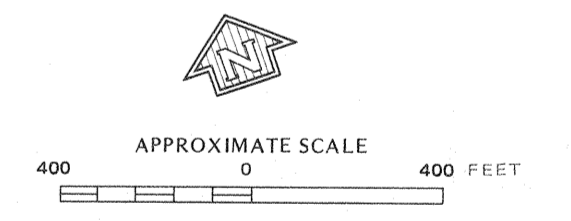
FLOOD HAZARD BOUNDARY MAP REVISIONS:  
SEPTEMBER 10, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE:  
JUNE 15, 1982

FLOOD INSURANCE RATE MAP REVISIONS:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

TOWN OF  
WINCHENDON,  
MASSACHUSETTS  
WORCESTER  
COUNTY

PANEL 12 OF 30  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
250348 0012 B

EFFECTIVE DATE:  
JUNE 15, 1982



Federal Emergency Management Agency



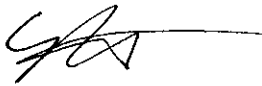
March 1, 2022

**Subject: North Royalston Road  
Winchendon, MA 01475  
Map - Lot : 1 - 0 - 64**

To Whom It May Concern:

I hereby authorize Goldsmith, Prest & Ringwall, Inc., 39 Main Street, Suite 301, Ayer, MA, 978.772.1590, to act as my agent in administrative and civil engineering matters pertaining to the proposed development, Notice of Intent, at the subject site. This authorization covers the execution of application forms, presentation of plans and designs, and communication with involved parties.

Respectfully,



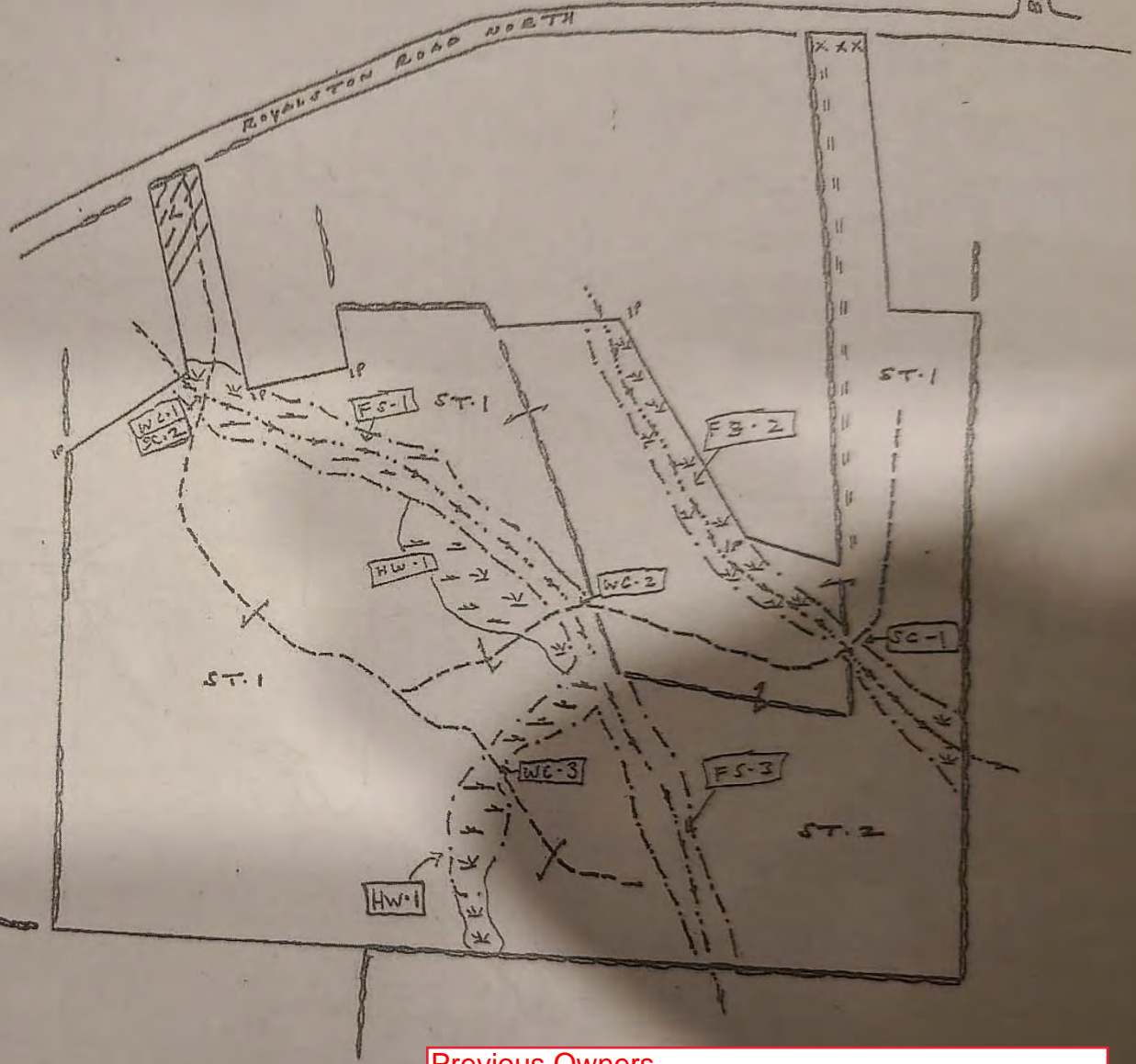
Ryan Hamilton  
Stumpy Acres, LLC  
37 Pinewood Road  
Bolton, MA 01740

Copy: Goldsmith, Prest & Ringwall, Inc.  
Project #211069



**WINCHENDON, MA**  
 Property of  
 Ordile Family Trust  
 James & Anthony Ordile, Trustees  
 21 Woburn Street  
 Waltham, MA 02154

1" = 200'  
 WINCHENDON  
 QUADRANGLE



**LEGEND**  
 Wetland   
 Forest Type Boundary   
 Skid trail   
 Intermittent Stream   
 Wire fence   
 Stone wall   
 Landing

From Assessor's Maps and Field Data

BUFFER STRIP ALONG Rd. XXX  
 Existing woods road (old) = = =

Previous Owners  
 Tree Cutting Plan