

DSS

TOWN OF WINCHENDON

Conservation Commission



Telephone (978) 297-5410

109 Front Street
Winchendon, Massachusetts 01475-1758

Legal Notice
Winchendon Conservation Commission

Pursuant to the provisions of M.G.L. Chapter 131, Section 40, and the Town of Winchendon Wetlands Protection Bylaw, the Winchendon Conservation Commission will hold a public hearing on Thursday, February 9, 2023 at 6:05 pm to consider the Notice of Intent filed by applicant Erin Hague on behalf of owner Earl Haight of 96 Monomonac Road East, Assessor's Map 8, Parcel 4. The proposed work includes reconstruction of the existing wall at the shoreline approx. 95 feet section of wall within the 50 foot buffer zone. The hearing will be held in the Second Floor Auditorium at Town Hall - 109 Front St., Winchendon, MA 01475. Alternative translation and accommodation for disabled persons is available by advance request.

For additional information email mmarro@townofwinchendon.com.

February 2, 2022

Receipt



Summary/Receipt

print receipt Exit

Your submission is complete. Thank you for using DEP's online reporting system. You can select "My eDEP" to see a list of your transactions.

DEP Transaction ID: 1495892
Date and Time Submitted: 1/28/2023 10:10:10 AM
Other Email :

Form Name: WPA Form 3 - NOI

Project Location

City/Town Name: WINCHENDON

location: 10782 CYPRESS BEND DRIVE

General Description: THE EXISTING SHORELINE (95 FT) HAS EXPERIENCED 10-20 FT OF EROSION SINCE THE HOUSE WAS PURCHASED IN 1975. PRIOR TO PURCHASE A STONE WALL STABILIZED THE SHORELINE, CONNECTING THE CONCRETE WALLS AT THE NORTH AND SOUTH ENDS OF THE PROPERTY. THIS STONE WALL HAS ERODED AND COLLAPSED, AND THE SHORELINE HAS RECEDED. TREE ROOTS ARE UNDERCUT AND THE SHORELINE IS FAILING. THE WORK WILL OCCUR ALONG 95 FT OF SHORELINE AND WILL OCCUR IN THE DRY, PREFERRABLE BEFORE THE WATER LEVELS ARE RAISED IN APRIL 2023. HOWEVER, IF NOT POSSIBLE THEN A COFFERDAM WILL BE INSTALLED TO PREVENT SILTATION FROM ENTERING THE WATERWAY. THE RESTORED STONE WALL WILL BE CONSTRUCTED ON A CRUSHED STONE BASE LAYER. WORKING IN SECTIONS ALONG THE SHORELINE, ROCK LAYERS WILL BE PLACED INTO POSITION AND MORTAR USED TO CEMENT THE ROCKS IN PLACE. FIELD STONE OF VARIOUS SIZES (< 1.5 FT IN DIAMETER) WILL BE USED FOR THE ROCK LAYERS. THE WALL WILL FOLLOW THE EXISTING SHORELINE, CONNECTING AND TYING INTO THE EXISTING CONCRETE WALLS TO THE NORTH AND SOUTH. THE STONE WALL WILL BE CONSTRUCTED TO 4 FT ABOVE THE LAKEBED AND PLACED BETWEEN THE TWO EXISTING CONCRETE WALLS NORTH AND SOUTH OF THE NATURAL SHORELINE. CRUSHED STONE WILL BE USED TO BACKFILL THE WALL TO APPROXIMATELY 4 FT LANDWARD. THE SLOPE WILL BE GRADED TO AT OR NEAR EXISTING SLOPE GRADIENT (2:1) AND VEGETATED WITH NATIVE SHRUBS (E.G., BLUEBERRY) TO NATURALLY STABILIZE THE SLOPE. NO HEAVY EQUIPMENT WILL BE USED TO CONSTRUCT THE STONE RETAINING WALL. THE WALL WILL BE CONSTRUCTED USING ONLY HAND TOOLS. CONCRETE WILL BE MIXED IN BUCKETS AWAY FROM THE WATERWAY AND HAND CARRIED TO THE EDGE OF THE SHORELINE. EXISTING RAILROAD TIES IN WATER WILL BE

REMOVED AND PROPERLY DISPOSED OF.

Applicant Information

Name: ERIN HAGUE

Company

Address: 10782 CYPRESS BEND DRIVE, BOCA RATON, FL, 33498

Payment Information

Your fee for the state share is \$: 237.50

If you have paid by credit card or ACH, thank you for your payment. If you are paying by check or money order, please send your check (payable to the Commonwealth of Massachusetts) to MassDEP, Box 4062, Boston, MA 02211

Additional Forms Submitted

WPA Form 3 - NOI (Fee Transmittal)(ONLINE ONLY)

Ancillary Document Uploaded/Mailed

Attachments_96EMonomonac

BRP WW06_96EMonomonac

ExistConditionsPlan_96EMonomonac

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[MassDEP Home](#) | [Contact](#) | [Privacy Policy](#)

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:

MassDEP File #:

eDEP Transaction #:1495892

City/Town:WINCHENDON

A.General Information

1. Project Location:

a. Street Address: 10782 CYPRESS BEND DRIVE - 96 Monomonic East
b. City/Town: WINCHENDON
c. Zip Code: 33498
d. Latitude: 42.70881N
e. Longitude: 71.99517W
f. Map/Plat #: M8-0-14
g. Parcel/Lot #: M8-0-14

2. Applicant:

Individual checked, Organization unchecked

a. First Name: ERIN
b. Last Name: HAGUE
c. Organization:
d. Mailing Address: 10782 CYPRESS BEND DRIVE
e. City/Town: BOCA RATON
f. State: FL
g. Zip Code: 33498
h. Phone Number: 561-235-1428
i. Fax:
j. Email: oceansmatter@gmail.com

3. Property Owner:

more than one owner unchecked

a. First Name: EARL
b. Last Name: HAIGHT
c. Organization:
d. Mailing Address: 43 TERRELL LANE
e. City/Town: HOLLIS
f. State: NH
g. Zip Code: 03049
h. Phone Number: 603-320-3638
i. Fax:
j. Email: e.k.haight@gmail.com

4. Representative:

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

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

a. Total Fee Paid: 500.00
b. State Fee Paid: 237.50
c. City/Town Fee Paid: 262.50

6. General Project Description:

THE EXISTING SHORELINE (95 FT) HAS EXPERIENCED 10-20 FT OF EROSION SINCE THE HOUSE WAS PURCHASED IN 1975. PRIOR TO PURCHASE A STONE WALL STABILIZED THE SHORELINE, CONNECTING THE CONCRETE WALLS AT THE NORTH AND SOUTH ENDS OF THE PROPERTY. THIS STONE WALL HAS ERODED AND COLLAPSED, AND THE SHORELINE HAS RECEDED. TREE ROOTS ARE UNDERCUT AND THE SHORELINE IS FAILING. THE WORK WILL OCCUR ALONG 95 FT OF SHORELINE AND WILL OCCUR IN THE DRY, PREFERABLE BEFORE THE WATER LEVELS ARE RAISED IN APRIL 2023. HOWEVER, IF NOT POSSIBLE THEN A COFFERDAM WILL BE INSTALLED TO PREVENT SILTATION FROM ENTERING THE WATERWAY. THE RESTORED STONE WALL WILL BE CONSTRUCTED ON A CRUSHED STONE BASE LAYER. WORKING IN SECTIONS ALONG THE SHORELINE, ROCK LAYERS WILL BE PLACED INTO POSITION AND MORTAR USED TO CEMENT THE ROCKS IN PLACE. FIELD STONE OF VARIOUS SIZES (< 1.5 FT IN DIAMETER) WILL BE USED FOR THE ROCK

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LAYERS. THE WALL WILL FOLLOW THE EXISTING SHORELINE, CONNECTING AND TYING INTO THE EXISTING CONCRETE WALLS TO THE NORTH AND SOUTH. THE STONE WALL WILL BE CONSTRUCTED TO 4 FT ABOVE THE LAKEBED AND PLACED BETWEEN THE TWO EXISTING CONCRETE WALLS NORTH AND SOUTH OF THE NATURAL SHORELINE. CRUSHED STONE WILL BE USED TO BACKFILL THE WALL TO APPROXIMATELY 4 FT LANDWARD. THE SLOPE WILL BE GRADED TO AT OR NEAR EXISTING SLOPE GRADIENT (2:1) AND VEGETATED WITH NATIVE SHRUBS (E.G., BLUEBERRY) TO NATURALLY STABILIZE THE SLOPE. NO HEAVY EQUIPMENT WILL BE USED TO CONSTRUCT THE STONE RETAINING WALL. THE WALL WILL BE CONSTRUCTED USING ONLY HAND TOOLS. CONCRETE WILL BE MIXED IN BUCKETS AWAY FROM THE WATERWAY AND HAND CARRIED TO THE EDGE OF THE SHORELINE. EXISTING RAILROAD TIES IN WATER WILL BE REMOVED AND PROPERLY DISPOSED OF.

7a. Project Type:

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Limited Project Driveway Crossing
- 4. Commercial/Industrial
- 5. Dock/Pier
- 6. Utilities
- 7. Coastal Engineering Structure
- 8. Agriculture (eg., cranberries, forestry)
- 9. Transportation
- 10. Other

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

- 1. Yes No If yes, describe which limited project applies to this project:
- 2. Limited Project

8. Property recorded at the Registry of Deeds for:

a. County:	b. Certificate:	c. Book:	d. Page:
WORCESTER		07739	129

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

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

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

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

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	1. linear feet	95 2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land under Waterbodies and Waterways	1. Square feet	2. square feet
	3. cubic yards dredged	
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet

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e. Isolated Land Subject to Flooding
 3. cubic feet of flood storage lost 4. cubic feet replaced
 1. square feet

f. Riverfront Area
 2. cubic feet of flood storage lost 3. cubic feet replaced

1. Name of Waterway (if any)
 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)

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

a. <input type="checkbox"/> Designated Port Areas	Indicate size under	Land under the ocean below,
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab, crea.
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish		

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Fish Runs
1. square feet
Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above

Land Subject to Coastal Storm Flowage
1. cubic yards dredged
1. square feet

4. Restoration/Enhancement

Restoration/Replacement

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

a. square feet of BVW
b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

Project Involves Streams Crossings

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

a. number of new stream crossings
b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

a. Yes No

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

b. Date of map:FROM MAP VIEWER

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

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

1. Percentage/acreage of property to be altered:

(a) within Wetland Resource Area
percentage/acreage

(b) outside Resource Area
percentage/acreage

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

3. Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. Project description (including description of impacts outside of wetland resource area & buffer zone)

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

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Provided by MassDEP:

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City/Town:WINCHENDON

b. Photographs representative of the site

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

Make check payable to "Natural Heritage & Endangered Species Fund" and mail to NHESP at above address

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

d. Vegetation cover type map of site

e. Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing.

a. NHESP Tracking Number

b. Date submitted to NHESP

3. Separate MESA review completed.

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

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

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

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

b. Yes No

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

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

North Shore - Hull to New Hampshire:

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

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

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

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. Yes No

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. Yes No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, §

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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Provided by MassDEP:

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City/Town:WINCHENDON

40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

a. Yes No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

- 1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol.2, Chapter 3)
- 2. A portion of the site constitutes redevelopment
- 3. Proprietary BMPs are included in the Stormwater Management System

b. No, Explain why the project is exempt:

- 1. Single Family Home
- 2. Emergency Road Repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

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

- 1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s). Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

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

EXISTING CONDITIONS PLAN	GRAZ ENGINEERING	September 12, 2022
BRP WW06	ERIN HAGUE	January 21, 2023
ATTACHMENTS - WORK DESCRIPTION, PHOTOS, CROSS SECTION OF PROPOSED WORK	ERIN HAGUE	January 28, 2023
NOIFEE TRANSMITTAL	ERIN HAGUE	January 28, 2023

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.

**Massachusetts Department of Environmental
Protection**

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP:

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City/Town:WINCHENDON

- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form.
- 9. Attach Stormwater Report, if needed.

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

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1495892
City/Town:WINCHENDON

E. Fees

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

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

_____	_____
2. Municipal Check Number	3. Check date
_____	_____
4. State Check Number	5. Check date
_____	_____
6. Payer name on check: First Name	7. Payer name on check: Last Name

F. Signatures and Submittal Requirements

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

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

Erin A Hague	1/28/2023
_____	_____
1. Signature of Applicant	2. Date
Earl Haight	1/28/2023
_____	_____
3. Signature of Property Owner(if different)	4. Date
_____	_____
5. Signature of Representative (if any)	6. Date

For Conservation Commission:

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

For MassDEP:

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

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

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

Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Wetland Fee Transmittal
Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1495892
 City/Town:WINCHENDON

A. Applicant Information

1. Applicant:

a. First Name ERIN b. Last Name HAGUE
 c. Organization
 d. Mailing Address 10782 CYPRESS BEND DRIVE
 e. City/Town BOCA RATON f. State FL g. Zip Code 33498
 h. Phone Number 5612351428 i. Fax j. Email oceansmatter@gmail.com

2. Property Owner:(if different)

a. First Name EARL b. Last Name HAIGHT
 c. Organization
 d. Mailing Address 43 TERRELL LANE
 e. City/Town HOLLIS f. State NH g. Zip Code 03049
 h. Phone Number 6033203638 i. Fax j. Email e.k.haight@gmail.com

3. Project Location:

a. Street Address 10782 CYPRESS BEND DRIVE b. City/Town WINCHENDON

Are you exempted from Fee? (YOU HAVE SELECTED 'NO')

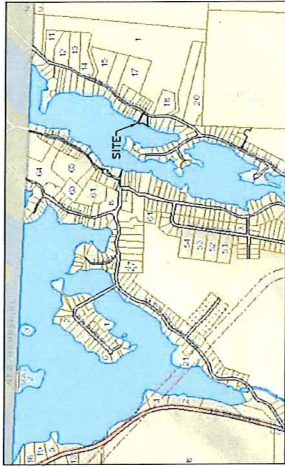
Note: Fee will be exempted if you are one of the following:

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

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

B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
A.) CONSTRUCTION OF SINGLE FAMILY HOUSE;	1	500.00		500.00
		City/Town share of filing fee	State share of filing fee	Total Project Fee
		\$262.50	\$237.50	\$500.00



LOCUS M.T.S.

REFERENCE PLANS & DEEDS

1. SUBJECT PARCEL MAP-8 LOT-14
2. WORD DEED BOOK-7739 PAGE-129 MONOMONAC OWNED BY ALBUQUERQUE, ALBUQUERQUE & ALBUQUERQUE
3. ASSESSOR PARCEL MAP-8 LOT-15
4. WORD DEED BOOK-3077 PAGE-129
5. ASSESSOR PARCEL MAP-8 LOT-12
6. WORD DEED BOOK-1464 PAGE-119
7. ASSESSOR PARCEL MAP-8 LOT-19
8. WORD DEED BOOK-3218 PAGE-18419
9. PLAN FOR MAP-8 LOT-11
10. WORD DEED BOOK-447 PLAN-51

NOTES

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING CONDITIONS OF PARCEL MAP-8 LOT-14.
2. THE PROPERTY IS LOCATED IN THE LAKE MONOMONAC OVERLAY ZONING DISTRICT.
3. BOUNDARY SURVEY PERFORMED BY ELECTRONIC TOTAL STATION.
4. BEARING BASIS IS MASSACHUSETTS STATE PLANE.
5. NO DETERMINATION OF TITLE HAS BEEN MADE.
6. FEMA 100 YR FLOOD (104233 (N001023)) - 1048-48 (NAD83), THIS PLAN

EXISTING CONDITIONS PLAN
PARCEL - MAP-8 LOT-14

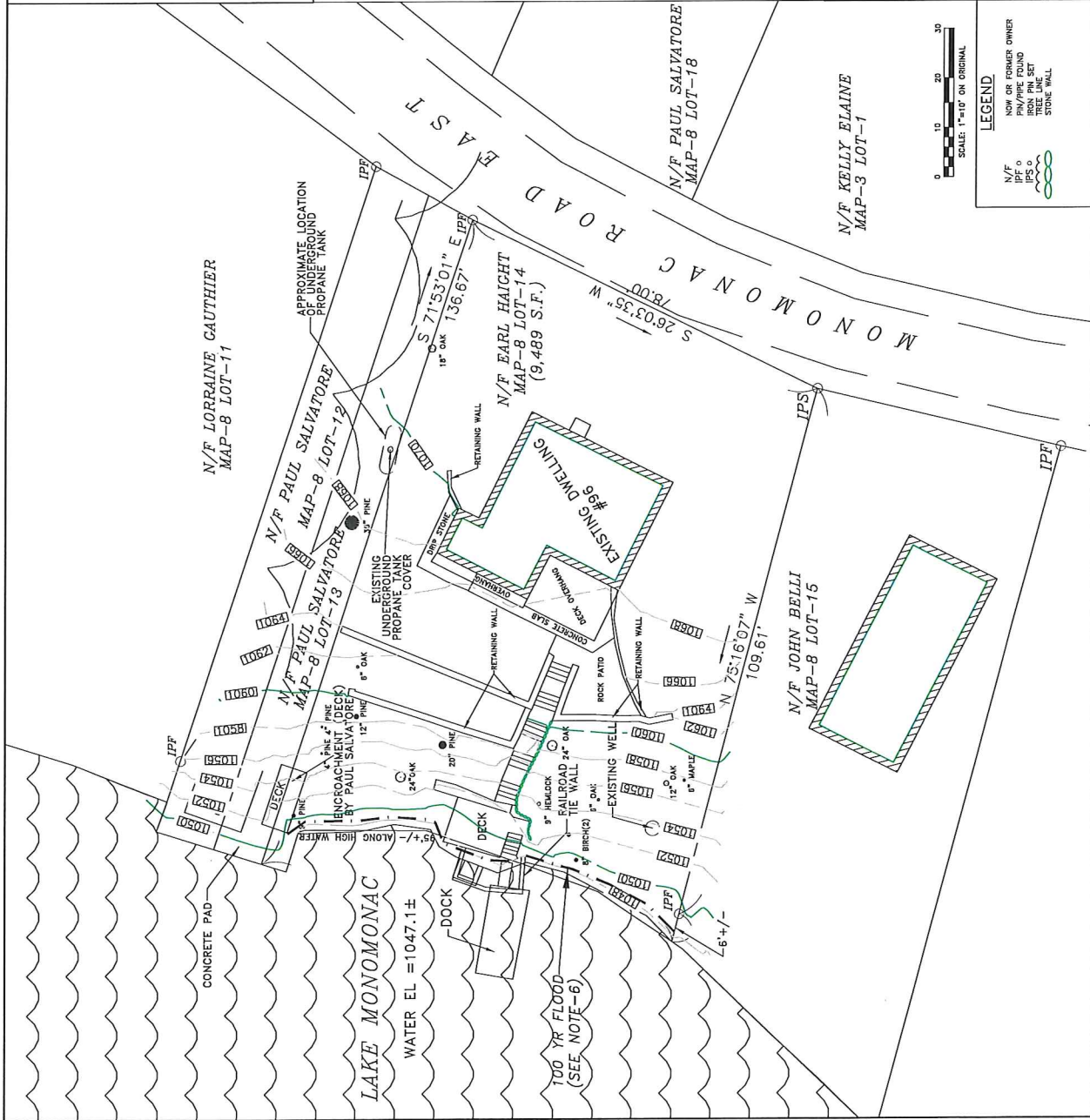
96 MONOMONAC ROAD EAST; WINCHENDON, MA

OWNER:
EARL K. HAIGHT
43 TERRELL LANE
HOLLIS NH, 03049

SEPTEMBER 12, 2022

GRAZ Engineering, LLC

MASSACHUSETTS PROFESSIONAL ENGINEER REG. NO. 10000





Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Waterways Regulation Program

BRP WW 06 Simplified License Application

Instructions and Supporting Materials

<p>← → E. MONOMONAC RD</p>		<p>License No.</p> <p>Approved by Department of Environmental Protection Date:</p>
<p>①</p>		<p>②</p> <p style="text-align: right;">← N</p>
<p>PLAN VIEW 1"=40'</p>		
		<p>MA NH LAKE MONOMONAC ← 96 E MONOMONAC LOCUS MAP</p>
<p>Purpose: Simplified Licensing</p>	<p>Plan accompanying petition of:</p>	<p>Project Description:</p>
<p>Abutting Property Owners:</p> <p>1. <u>PAUL SALVATORE</u></p> <p>2. <u>JOHN BELLI</u></p>	<p>_____</p> <p>_____</p> <p><u>EARL HAIGHT</u></p> <p><u>96 E. MONOMONAC RD</u></p> <p><u>WINCHENDON, MA</u></p>	<p><u>SHORELINE STABILIZATION</u></p> <p><u>RESTORE OLD STONE WALL</u></p> <p>in <u>LAKE MONOMONAC</u></p> <p>At: <u>WINCHENDON</u></p> <p>County of: <u>WORCESTER</u></p> <p>State: <u>MASSACHUSETTS</u></p> <p>By applicant <u>ERIN HAGUE</u></p> <p>date: <u>1/21/23</u> sheet: <u>1</u> of <u>3</u></p>

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BRP WW 06 Simplified License Application

Record No. 23-WW-PRE-0009-APP

Attachment A

Purpose and Need

The existing shoreline (95 ft) has experienced 10-20 ft of erosion since the house was purchased in 1975. Prior to purchase a stone wall stabilized the shoreline, connecting the concrete walls at the north and south ends of the property. This stone wall has eroded and collapsed, and the shoreline has receded. Tree roots are undercut and the shoreline is failing. **See photos below.**

Work Description

The work will occur along 95 ft of shoreline and will occur in the dry, preferable before the water levels are raised in April 2023. However, if not possible then a cofferdam will be installed to prevent siltation from entering the waterway.

The restored stone wall will be constructed on a crushed stone base layer. Working in sections along the shoreline, rock layers will be placed into position and mortar used to cement the rocks in place. Field stone of various sizes (≤ 1.5 ft in diameter) will be used for the rock layers. The wall will follow the existing shoreline, connecting and tying into the existing concrete walls to the north and south.

The stone wall will be constructed to 4 ft above the lakebed and placed between the two existing concrete walls north and south of the natural shoreline. Crushed stone will be used to backfill the wall to approximately 4 ft landward. The slope will be graded to at or near existing slope gradient (2:1) and vegetated with native shrubs (e.g., blueberry) to naturally stabilize the slope. See **Figure 7**.

No heavy equipment will be used to construct the stone retaining wall. The wall will be constructed using only hand tools. Concrete will be mixed in buckets away from the waterway and hand carried to the edge of the shoreline.

Existing railroad ties in water will be removed and properly disposed of.

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Photos



Figure 1. Winter photo of eroded shoreline facing north. Rocks from eroded stone retaining wall have been placed along shoreline to reduce erosion. Lake draw down conditions allow for stone wall to be constructed in the dry.



Figure 2. Fall photo before water levels are dropped. Photo taken standing on concrete wall to north facing south.

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Figure 3. Fall photo facing south from center of shoreline. Shows neighboring concrete wall where restored stone wall will tie into.



Figure 4. Summer photo taken near north end of restored stone wall. Stone wall will tie into 3 ft concrete wall to north.

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Figure 5. Summer photo showing northern end of shoreline. Railroad ties to be removed.

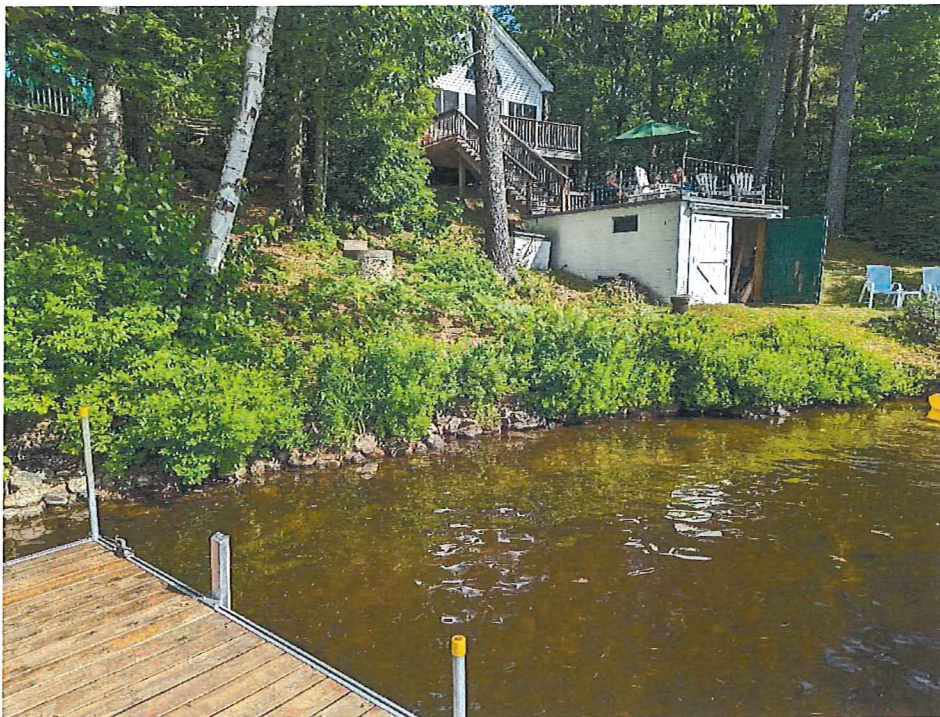


Figure 6. Summer photo facing southern end of eroded shoreline.

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Figure 7. Image of stone wall installed on property above OHW. The same style will be used on the restored stone wall for shoreline stabilization.

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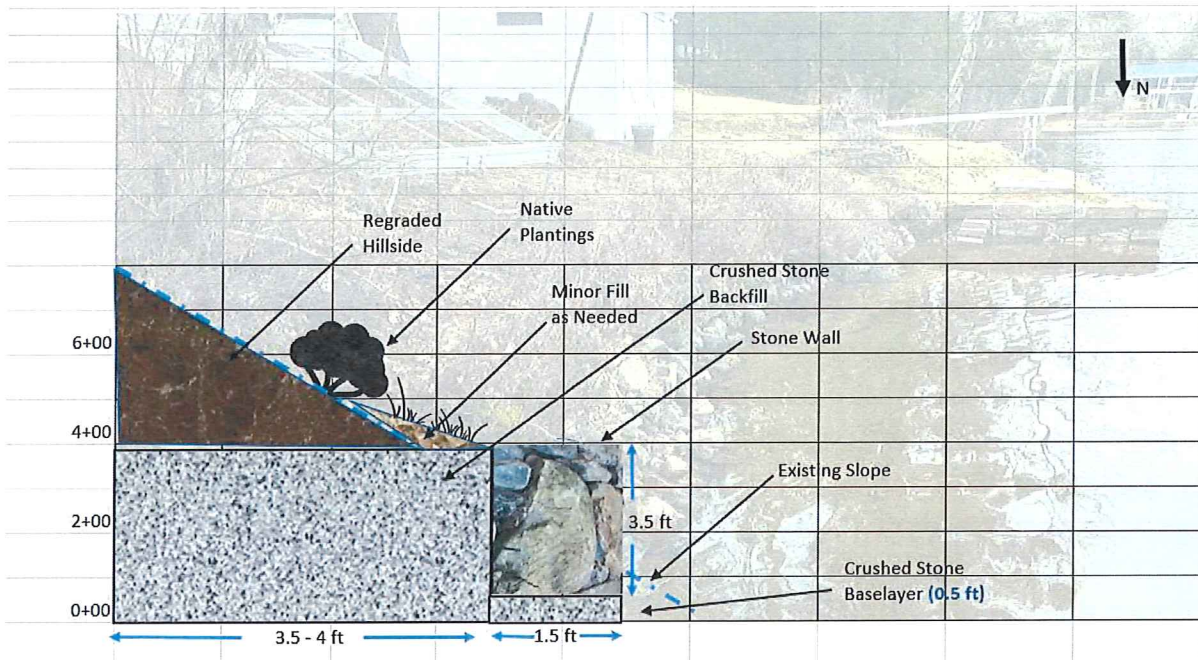
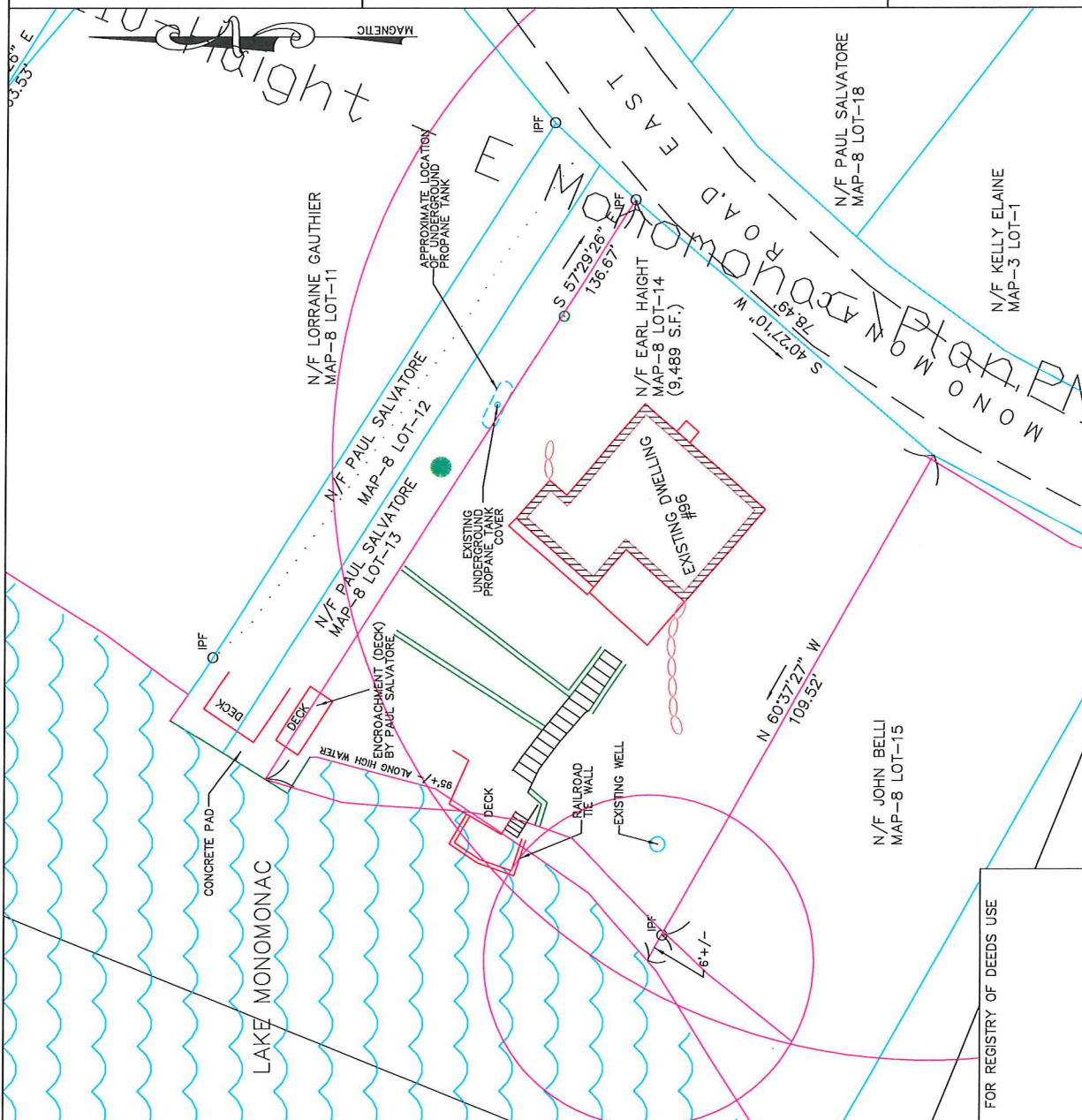


Figure 1. Bank and Shoreline Stabilization - 96 E. Monomonac Road, Winchendon, MA 01475



FOR REGISTRY OF DEEDS USE

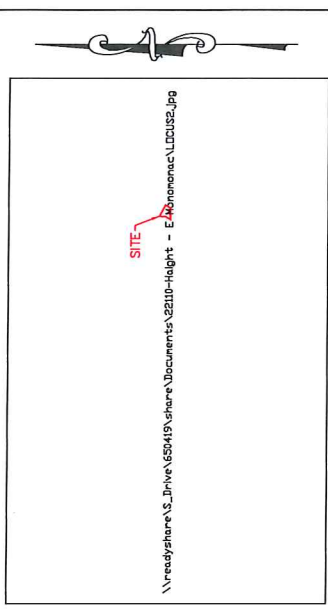
NOTES

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE BOUNDARIES OF PARCEL MAP-8 LOT-14.
2. THE PROPERTY IS LOCATED IN THE LAKE MONOMONAC OVERLAY ZONING DISTRICT.
3. BOUNDARY SURVEY PERFORMED BY ELECTRONIC TOTAL STATION.
4. BEARING BASIS IS MAGNETIC NORTH.
5. NO DETERMINATION OF TITLE HAS BEEN MADE.



LEGEND

- N/F ○ NOW OR FORMER OWNER
- IPF ○ PIN/PIPE FOUND
- ⊕ ○ STONE WALL



LOCUS N.T.S.

REFERENCE PLANS & DEEDS

1. SUBJECT PARCEL MAP-8 LOT-14 WORD DEED BOOK-7739 PAGE-129
2. LOTS ON THE EAST SHORE OF LAKE MONOMONAC OWNED BY A.D.BAILEY, H.O.BATEMAN & A.J.PLUMMER WORD PLAN BOOK-45 PLAN-38
3. ASSESSOR PARCEL MAP-8 LOT-15 WORD DEED BOOK-32198 AGE-134
4. ASSESSOR PARCEL MAP-8 LOT-13 WORD DEED BOOK-5077 PAGE-129
5. ASSESSOR PARCEL MAP-8 LOT-12 WORD DEED BOOK-7277 PAGE-201
6. ASSESSOR PARCEL MAP-8 LOT-16 WORD DEED BOOK-1404 PAGE-119
7. WORD DEED BOOK-2716 PAGE-184
8. PLAN OF LAND TO BE CONVEYED BY JAMES R. FARRELL ET UX WORD PLAN BOOK-447 PLAN-51

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS:

PAUL F. GRASEWICZ P.L.S.
MASS. PLS #47393

DATE

BOUNDARY PLAT

PARCEL - MAP-8 LOT-14

96 MONOMONAC ROAD EAST; WINCHENDON, MA

OWNER:

EARL K. HAIGHT
43 TERRELL LANE
HOLLIS NH, 03049

APRIL 18, 2022

GRAZ Engineering, LLC

