



EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street
Worcester, MA 01605-2629
508-752-9666 / Fax: 508-752-9494

July 21, 2021

Leicester Conservation Commission
3 Washburn Square
Leicester, MA 01524-1333

Re: 59 Burncoat Lane, Leicester, MA (DEP File No. CE 197-0666)

Subject: Response to DEP Comments

Dear Commissioners:

I am providing this letter, with attachments, as a supplement to a previously filed Notice of Intent. This letter addresses comments received from DEP when they issued the File Number. Responses as follows:

- The project site falls within a Zone A flood area (AKA: Bordering Land Subject to Flooding) with no base elevations. The flood zone bisects the property and is associated with Burncoat Pond. The flood zone line was depicted on the original site plan but work within the flood zone was not accounted for in the Notice of Intent application. The flood zone limit is depicted on the attached, revised project plan along with a revised Notice of Intent that quantifies the impacts. Performance standards compliance with 310 CMR 10.57(4)(a) is as follows:
 1. Compensatory Storage: As quantified by the engineer on the site plan, 16 cubic yards of sand was added within the flood zone, below the Bank. Sixteen (16) cubic yards of stone will be removed from the flood zone and used for a stone wall as depicted on the plan. The stone was pre-existing within the Pond and was used to create the breakwater/retaining wall to be removed.
 2. Flow Restrictions: The proposed removal of stone will not change or restrict flood stage or flow velocity.
 3. Wildlife Habitat: The project area is an existing lawn up to the Bank including adjacent Land Under Water. There are no vernal pools present and the work within the flood zone covers 657 square feet. It is therefore presumed that the project will have no adverse effect on wildlife habitat.
- The filing fee has been supplemented in accordance with Category 5 for work on the removal of the breakwater/retaining wall and Bank stabilization. The total length of wall work was determined to be 124 feet for a total fee of \$496. The fee of \$110 already paid was subtracted from \$496 and supplemental fee checks of \$180.50 to the Commonwealth of MA and \$205.50 to the Town of Leicester are provided.
- In my opinion, Chapter 91 permitting does not apply to this project. Burncoat Pond does not appear on the list of Great Ponds and it was created by impoundment. The attached

photo depicts the high water line when the pond was drawn down for maintenance of the dam. As per the Great Pond definition, the “natural high water mark” is at or below the draw down level and, as such, the work is well outside any potential Chapter 91 jurisdiction.

Please do not hesitate to contact me if you have any questions concerning this or other matters.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Arthur Allen', with a long horizontal flourish extending to the right.

Arthur Allen
Senior Environmental Scientist

Attachments: 2 (Revised Site Plan & Revised Notice of Intent Form 3)

AA/NOI/Leicester 59 Burncoat DEP Response



Photo of Burncoat Pond at 59 Burncoat Lane showing waterfront area during dam release/drawdown



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 Number

Document Transaction Number

Leicester

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):

59 Burncoat Lane

a. Street Address

Leicester

b. City/Town

01524

c. Zip Code

Latitude and Longitude:

27A

f. Assessors Map/Plat Number

42.239016

d. Latitude

-71.945614

e. Longitude

E30

g. Parcel /Lot Number

2. Applicant:

Richard L.

a. First Name

Gorman Sr.

b. Last Name

c. Organization

59 Burncoat Lane

d. Street Address

Leicester

e. City/Town

MA

f. State

01524

g. Zip Code

413-668-8023

h. Phone Number

i. Fax Number

rgormanrt@yahoo.com

j. Email Address

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

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

Arthur

a. First Name

Allen

b. Last Name

EcoTec, Inc.

c. Company

102 Grove Street

d. Street Address

Worcester

e. City/Town

MA

f. State

01605

g. Zip Code

508-752-9666

h. Phone Number

i. Fax Number

aallen@ecotecinc.com

j. Email address

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

\$496

a. Total Fee Paid

\$235.50

b. State Fee Paid

\$260.50

c. City/Town Fee Paid



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Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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A. General Information (continued)

6. General Project Description:

Restore Land Under Water by removing rock wall/breakwater. Stabilize pond Bank. After-the-fact approval for stone steps and beach nourishment. Add paver walkway. Prune trees along property side-lines.

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

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> 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 CMR 10.24(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

50937

c. Book

b. Certificate # (if registered land)

358

d. Page Number

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

- ☐ 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.
- ☒ 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 checked="" type="checkbox"/> Bank	124 1. linear feet	124 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	198 1. square feet 0 3. cubic yards dredged	198 2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	657 1. square feet 0 3. cubic feet of flood storage lost	657 2. square feet 0 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):

- ☐ 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		
	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

12/15/2020

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.



Massachusetts Department of Environmental Protection
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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.



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

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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.

Conservation Commission Plan

a. Plan Title

DC Engineering & Survey, Inc.

Jason D. Dubois, PE

b. Prepared By

c. Signed and Stamped by

July 15, 2021

1"=20'

d. Final Revision Date

e. Scale

EcoTec Wetland Evaluation Report

May 20, 2021

f. Additional Plan or Document Title

g. Date

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

E. Fees

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

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

20933

7/22/2021

2. Municipal Check Number

3. Check date

20932

7/22/2021

4. State Check Number

5. Check date

EcoTec, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
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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.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

July 22, 2021

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:

59 Burncoat Lane

a. Street Address

20932

c. Check number

Leicester

b. City/Town

\$180.50 (supplemental fee)

d. Fee amount

2. Applicant Mailing Address:

Richard L.

a. First Name

Gorman, Sr.

b. Last Name

c. Organization

59 Burncoat Lane

d. Mailing Address

Leicester

e. City/Town

MA

f. State

01524

g. Zip Code

413-668-8023

h. Phone Number

i. Fax Number

rgormanrt@yahoo.com

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).

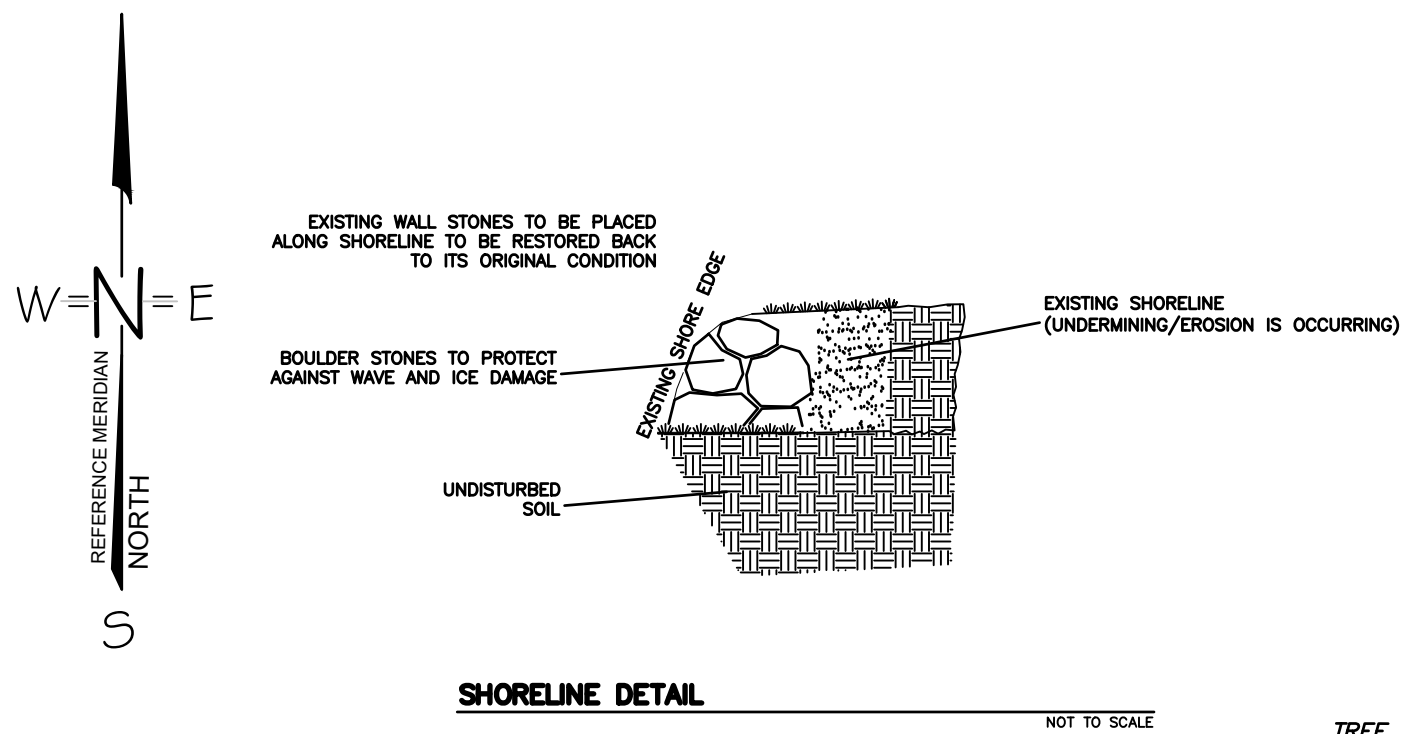


Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat. 5.(single family home - retaining wall reconstruction)	1	\$496	\$496
Step 5/Total Project Fee:			\$496 (minus \$110 paid previously)
Step 6/Fee Payments:			
Total Project Fee:			\$386
State share of filing Fee:			\$180.50
City/Town share of filling Fee:			\$205.50
			a. Total Fee from Step 5
			b. 1/2 Total Fee less \$12.50
			c. 1/2 Total Fee plus \$12.50

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.

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.)



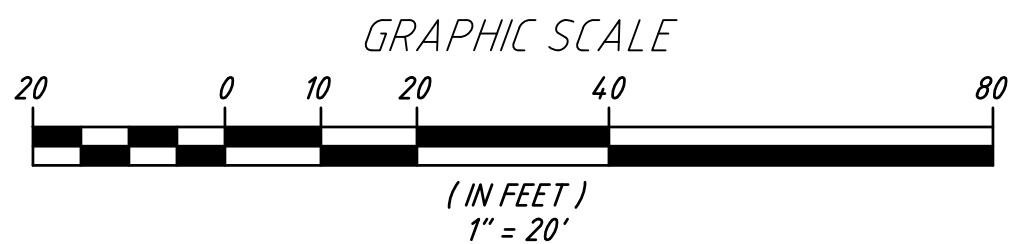
NOTE:
APPROXIMATELY 16 YARDS OF BEACH SAND WERE ADDED TO THE SHORELINE FOR A BEACH AREA.

APPROXIMATELY 20 YARDS OF STONE WALL IS PROPOSED TO BE REMOVED FROM THE WATER, OF WHICH WAS ORIGINATED FROM THE EXISTING BANK AND UNDERWATER. NO ADDITIONAL FILL IS PROPOSED TO REMAIN IN THE RESOURCE AREA.

BLSF CALCULATIONS:
16 CUBIC YARDS OF BEACH SAND WERE ADDED.
20 CUBIC YARDS OF STONE ARE TO BE TAKEN DOWN FROM RECENTLY BUILT STONE WALLS AND TO BE PLACED ALONG THE BANK AND ALONG THE SOUTHERN BOUNDARY AS SHOWN. A MINIMUM OF 16 CUBIC YARDS OF STONE ARE TO BE REMOVED FROM THE FLOOD ZONE X BOUNDARY.

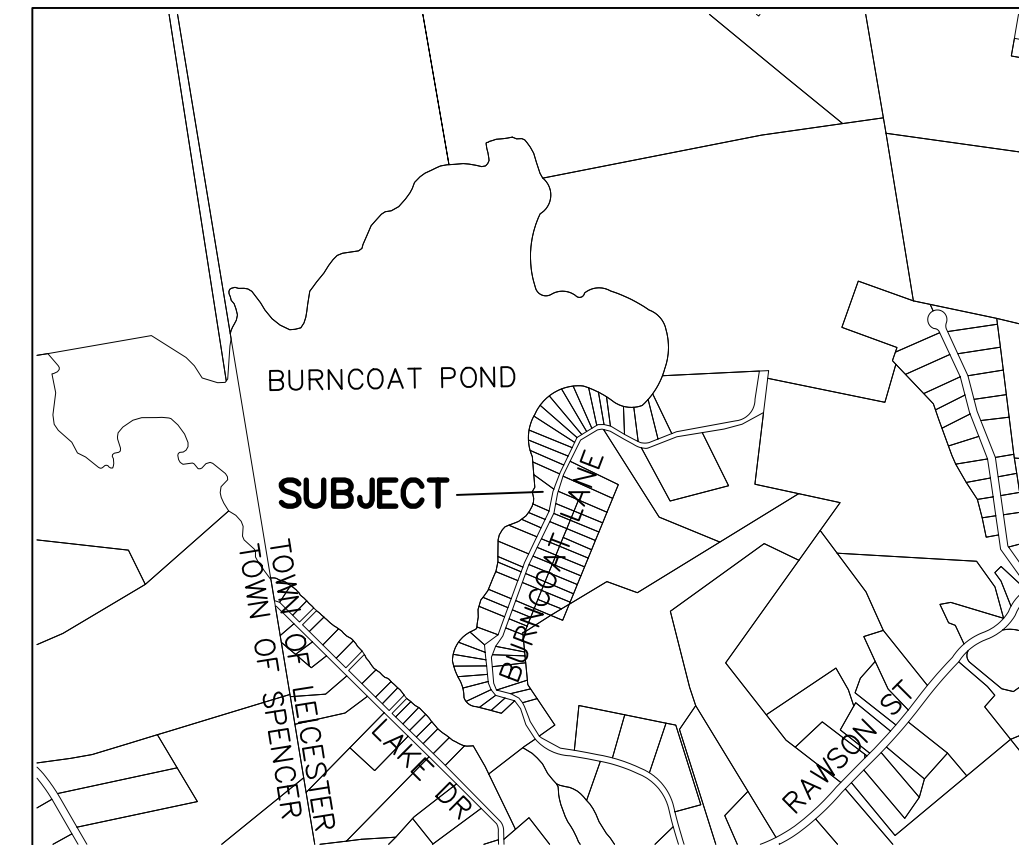
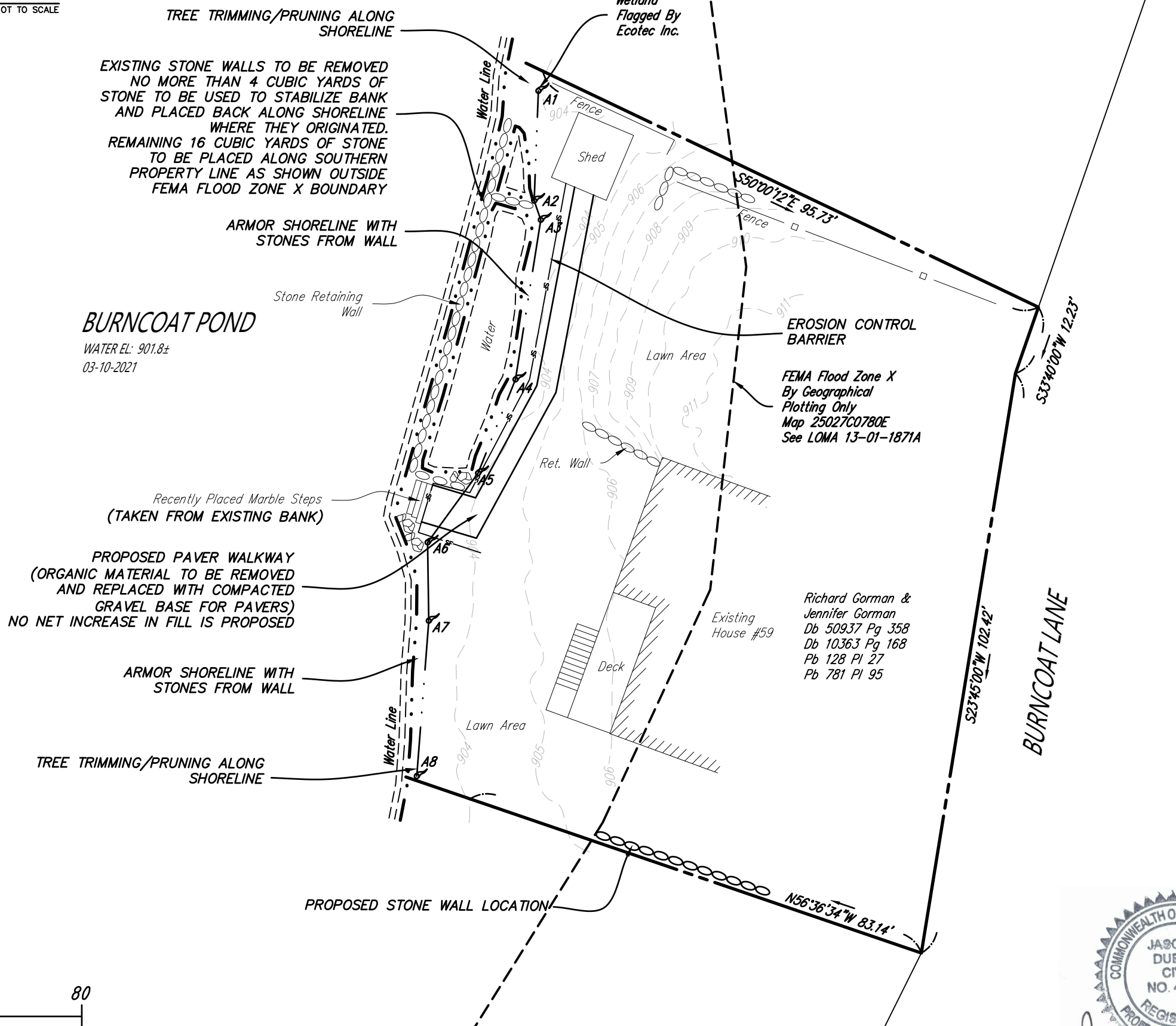
TOTAL NET FILL/CUT WITHIN BLSF = 0 C.F.
TOTAL WORK AREA WITHIN BLSF = 657 S.F.

WORK ALONG THE BANK WILL ONLY BE DONE IN DRY CONDITIONS, WHEN THE POND IS DRAWN DOWN. TOTAL WORK ALONG BANK TO BE 124 FEET



SYMBOL KEY

BOUND	□	IRON ROD FOUND	IRF
IRON PIPE	○	IRON PIPE FOUND	IPF
IRON ROD W/ CAP	⊙	BOUND FOUND	BNDF
DRILL HOLE	●	RAIL ROAD SPIKE	RRSPK
DRAIN MANHOLE	⊙ DMH	DRILL HOLE FOUND	DHF
CATCH BASIN	■ CB	FOUND	FND.
WETLAND FLAG	⚡	BITUMINOUS	BIT.
UTILITY POLE	⚡	CONCRETE	CONC.
GUY WIRE	X	BOLLARD	BOL.
ELECTRIC MANHOLE	⊙	UTILITY POLE	UP
FIRE HYDRANT	⚡ HYD	GUY WIRE	GUY
WATER GATE	● WG		



LOT LOCUS

SCALE: 1"=1000'

RECORD OWNERS

RICHARD L. & JENNIFER L. GORMAN
DB 50937 PG 358

TAX MAP REFERENCES:

TAX MAP PARCEL ID: 27A E30

GENERAL NOTES:

1. BOUNDARIES SHOWN ARE THE RESULTS OF AN ACTUAL FIELD SURVEY BASED ON AVAILABLE MAPS, DEEDS OF RECORD AND PHYSICAL EVIDENCE, BUT ARE SUBJECT TO ALL EASEMENTS, RIGHT OF WAYS, AGREEMENTS, AND RIGHTS AND ENCUMBRANCES OF RECORD THAT AN ACCURATE AND THOROUGH TITLE SEARCH MAY DISCLOSE.

2. LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED ON OBVIOUS ABOVE GROUND PHYSICAL UTILITY APPURTENANCES AND ACCESSIBLE MANHOLES. DIG SAFE SHALL BE NOTIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST.

3. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES WHICH MAY AFFECT THE USE OR DEVELOPMENT OF THIS TRACT.

4. VERTICAL DATUM BASED ON NAVD 88, GEOID 12A, ESTABLISHED VIA GNSS.

5. BY GEOGRAPHICAL PLOTTING ONLY THE SITE IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE AS PER THE FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL NO. # 25027C0780E, WITH AN EFFECTIVE DATE OF JULY, 2011.

6. WETLANDS SHOWN HEREON WERE FLAGGED BY ECOTEC INC. ANY CONTRACTOR SHOULD BE AWARE OF THE RESPONSIBILITY TO THE WETLANDS PROTECTION ACT. IF ANY CONSTRUCTION IS SUBJECT TO THE ACT A NOTICE OF INTENT MUST BE SUBMITTED TO THE LOCAL CONSERVATION COMMISSION AND DEP PRIOR TO ANY WORK.

				<div>JASON D. DUBOIS, P.E. PROFESSIONAL ENGINEER MA.LIC.NO.: 48724</div>	<div>NORTH</div> <div><div></div><div>W=N=E</div><div>REFERENCE MERIDIAN NORTH S</div></div>	CONSERVATION COMMISSION PLAN		DRAWN BY: JSC	
				<div>JEREMY S. CROTEAU, P.L.S. PROFESSIONAL LAND SURVEYOR LIC.NO.: 48722</div>		SITE ADDRESS: 59 Burncoat Lane Leicester, Ma 01524		CK'D BY JDD	REV #: 1
						CLIENT: Richard Gorman 59 Burncoat Lane Leicester, Ma 01524		DATE: 5-19-2021	SCALE: 1'=20'
								PROJECT #: 21-116	DWG. NO.: EX
						<div><div>DOC</div><div>ENGINEERING & SURVEY INC.</div></div> <div><div>32 CRANBERRY MEADOW RD CHARLTON, MA</div><div>508-769-8659 508-341-2127</div></div>			
1	7/15/21	REVISED PER COMMENTS			JDD				
NO.	DATE	REVISION			BY				