

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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

April 22, 2022

Sturbridge Conservation Commission
Center Office Building
308 Main St
Sturbridge, MA 01566

Re: Notice of Intent
19 Mashapaug Road, Sturbridge
Applicant: Thousand Trails Campground

Dear Commission Members:

Enclosed please find two (2) copies of a Notice of Intent (NOI), submitted on behalf of Thousand Trails Campground filed under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Wetlands Protection Bylaw for the above referenced property. This filing comprises:

1. This cover letter;
2. The Notice of Intent forms with required attachments;
3. Sturbridge NOI forms including abutters list and notification letter.
4. Check to cover the filing fees;
5. Culvert submittal Letter dated March 15, 2022;
6. NHESP 22-40932 Emergency Certificate issued 3/18/2022;
7. Conservation Commission Emergency Certificate issued 3/17/2022;
8. EcoTec completion memo dated March 23, 2022; and
9. Culvert Replacement Plan by Tauper Engineering and Survey dated April 1, 2022

One (1) copy of the NOI filing has been submitted by certified mail, return receipt requested to the Central Regional Office of the Department of Environmental Protection and one complete copy of this filing has been submitted to the applicant and property owner. All abutters, along with the Sturbridge Board of Health and Planning Board have been notified via certified mail return receipt requested and proof of mailings will be provided to the Commission.

This application is submitting as an after-the-fact Notice of Intent (NOI) as required by the Emergency Certificate issued by the Sturbridge Conservation Commission and Natural Heritage and Endangered Species Program (NHESP) to allow the failed culverts to be replaced. This application also seeks permission to remove an existing wood crossing just upstream of the culvert. Once removed this will be seeded with grass to match the surrounding areas and to stabilize the area.

Sturbridge Conservation Commission
April 22, 2022
Page 2.

We look forward to meeting with the Commission regarding this project. If you have any questions, please feel free to contact me at any time.

Sincerely,

A handwritten signature in blue ink, reading "Scott M. Morrison", is placed over a light yellow rectangular background.

Scott M. Morrison, PWS
Senior Environmental Scientist

17/E/SturbridgeShattuckRDALetter



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

Sturbridge

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):

19 Mashapaug Road

a. Street Address

Sturbridge

b. City/Town

01566

c. Zip Code

Latitude and Longitude:

423

f. Assessors Map/Plat Number

42.06544

d. Latitude

-72.09418

e. Longitude

41137-19

g. Parcel /Lot Number

2. Applicant:

Kim

a. First Name

Procon

b. Last Name

Thousand Trails Campground

c. Organization

19 Mashapaug Road

d. Street Address

Sturbridge

e. City/Town

MA

f. State

01566

g. Zip Code

508 347 7156

h. Phone Number

508 347 3535

i. Fax Number

kim_procon@equitylifestyle.com

j. Email Address

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

Greggory

a. First Name

Kane

b. Last Name

MHC Sturbridge, LLC

c. Organization

P.O. Box 06115

d. Street Address

Chicago

e. City/Town

IL

f. State

60606

g. Zip Code

312 279 1400

h. Phone Number

i. Fax Number

gregg_kane@equitylifestyle.com

j. Email address

4. Representative (if any):

Scott

a. First Name

Morrison

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 x227

h. Phone Number

508-752-9494

i. Fax Number

smorrison@ecotecinc.com

j. Email address

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

500.00

a. Total Fee Paid

237.50

b. State Fee Paid

276.50

c. City/Town Fee Paid



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

Sturbridge

City/Town

A. General Information (continued)

6. General Project Description:

The project includes the replacement of two damaged culvert pipes and removal of a wooden bridge. Replacement of the culverts was completed under an Emergency Certificate issued on March 17, 2022 by the Sturbridge Conservation Commisison & NHESP. Authorization to remove the wooden bridge located upstream of the culverts is requested under this NOI.

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

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input checked="" 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 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

40389

c. Book

b. Certificate # (if registered land)

0290

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.



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

Sturbridge

City/Town

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	40 1. linear feet	40 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 3. cubic yards dredged	2. square feet

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

2. Width of Riverfront Area (check one):

- ☐ 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.



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

Sturbridge

City/Town

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 checked="" type="checkbox"/> Project Involves Stream Crossings		
	0 _____	1 _____
	a. number of new stream crossings	b. number of replacement stream crossings



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

Sturbridge

City/Town

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**

March 16, 2022

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 less than 1%
percentage/acreage

(b) outside Resource Area less than 1%
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 <https://www.mass.gov/mas-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.



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

Sturbridge

City/Town

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

- (c) ☒ MESA filing fee (fee information available at <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

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, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; 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:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

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.

- c. ☐ Is this an aquaculture project?

- d. ☐ Yes ☐ No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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

Sturbridge

City/Town

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.



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

Sturbridge

City/Town

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.

Site Plan-Culvert Replacement Plan

a. Plan Title

Tauper Land Survey

b. Prepared By

4/1/2022

d. Final Revision Date

c. Signed and Stamped by

1" = 10

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:

21349

2. Municipal Check Number

21351

4. State Check Number

EcoTec, Inc

6. Payor name on check: First Name

4/20/2022

3. Check date

4/20/2022

5. Check date

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

Sturbridge

City/Town

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	4/20/2022
2. Date	4/19/22
3. Signature of Property Owner (if different)	4. Date
5. Signature of Representative (if any)	4/20/22
	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.

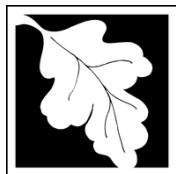
For MassDEP:

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.



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:

19 Mashapoug Road

a. Street Address

21351

c. Check number

Sturbridge

b. City/Town

237.50

d. Fee amount

2. Applicant Mailing Address:

Kim

a. First Name

Procon

b. Last Name

Thousand Trails Campground

c. Organization

19 Mashapoug Road

d. Mailing Address

Sturbridge

e. City/Town

MA

f. State

01566

g. Zip Code

508 347 7156

h. Phone Number

508 347 3535

i. Fax Number

kim_procon@equitylifestyle.com

j. Email Address

3. Property Owner (if different):

Greggory

a. First Name

Kane

b. Last Name

MHC Sturbridge, LLC

c. Organization

P.O. Box 06115

d. Mailing Address

Chicago

e. City/Town

IL

f. State

60606

g. Zip Code

312 279 1400

h. Phone Number

i. Fax Number

gregg_kane@equitylifestyle.com

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
Category II (j) other	1	500.00	500.00
Step 5/Total Project Fee:			500.00

Total Project Fee:	500.00
	a. Total Fee from Step 5
State share of filing Fee:	237.50
	b. 1/2 Total Fee less \$12.50
City/Town share of filling Fee:	262.50
	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.

Page 2 of 2

ECOTEC, INC.
102 GROVE STREET
WORCESTER, MA 01605
(508) 752-9666

BayState
Savings Bank
The Community Bank of Choice
53-7102/2113



4/20/2022

PAY TO THE
ORDER OF

Commonwealth of Massachusetts

\$ **237.50

Two Hundred Thirty-Seven and 50/100*****

DOLLARS

Commonwealth of Massachusetts

MEMO

19 Mashapaug Rd Sturbridge - NOI



[Signature]
AUTHORIZED SIGNATURE

Security features. Details on back.

ECOTEC, INC.
102 GROVE STREET
WORCESTER, MA 01605
(508) 752-9666

BayState
Savings Bank
The Community Bank of Choice
53-7102/2113



4/20/2022

PAY TO THE
ORDER OF

Comm. of Mass - NHESP

\$ **300.00

Three Hundred and 00/100*****

DOLLARS

Comm. of Mass - NHESP

MEMO

19 Mashapaug Rd. Sturbridge



[Signature]
AUTHORIZED SIGNATURE

Security features. Details on back.

ECOTEC, INC.
102 GROVE STREET
WORCESTER, MA 01605
(508) 752-9666

BayState
Savings Bank
The Community Bank of Choice
53-7102/2113



4/20/2022

PAY TO THE
ORDER OF

Town of Sturbridge

\$ **50.00

Fifty and 00/100*****

DOLLARS

Town of Sturbridge

MEMO

19 Mashapaug Rd. Sturbridge NOI - Legal Ad



[Signature]
AUTHORIZED SIGNATURE

Security features. Details on back.

ECOTEC, INC.
102 GROVE STREET
WORCESTER, MA 01605
(508) 752-9666

BayState
Savings Bank
The Community Bank of Choice
53-7102/2113



4/20/2022

PAY TO THE
ORDER OF

Town of Sturbridge

\$ **262.50

Two Hundred Sixty-Two and 50/100*****

DOLLARS

Town of Sturbridge

MEMO

19 Mashapaug Rd. Sturbridge NOI



[Signature]
AUTHORIZED SIGNATURE

Security features. Details on back.



Town of Sturbridge

Conservation Commission

STURBRIDGE CONSERVATION COMMISSION AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Wetland Bylaws

I, **Scott Morrison**, hereby certify under the pains and penalties of perjury that on (date) 4/22/2022, I gave notification to abutters in compliance with the second paragraph of the Massachusetts General Laws Chapter 131, § 40, and the DEP Guide to Abutter Notification as well as the Town of Sturbridge Wetland Bylaws, in connection with the following matter:

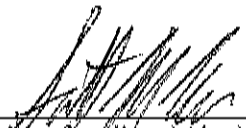
- ☒ A Notice of Intent OR
☐ A Request for Determination OR
☐ An Abbreviated Notice of Resource Area Delineation

that was filed under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Bylaws, by **Thosand Trail Campground** with the Sturbridge Conservation Commission

on (date) 4/22/2022 for the property located at

19 Mashapaug Road, Sturbridge

The form of the Notification and a list of abutters to whom it was given and their addresses are included in the application file.

 4/22/22
 (signature of applicant) (date)

Scott Morrison for

Thousand Trails Campground

(name of applicant-printed or typed)



Town of Sturbridge Conservation Commission

Notice of Intent Application Coversheet/Checklist

Date	4/21/2022
-------------	-----------

Fill all white cells completely

Parcel	19 Mashapaug Road 423-41137-19	Applicant name	Thousand Trails Campground 19 Mashapaug Road Sturbridge, MA 01566
Address		Address	
Assessors	40389-290	Email	kim_procon@equitylifestyle.com
Map/Plat		Phone	508-347-7156
Book & Page			
Owner name	MHC Sturbridge, LLC P.O. Box 06115 Chicago, IL 60606	Representative	Scott Morrison EcoTec, inc. 102 Grove Street Worcester, MA 01605
Address		Address	
Email	gregg_kane@equitylifestyle.com	Email	smorrison@ecotecinc.com
Phone	312-279-1400	Phone	508-752-9666

Wetland type	Bank	sf/cf affected	40	Relevant Perf. Standards	10. _____
Wetland type		sf/cf affected		Relevant Perf. Standards	10. _____
Wetland type		sf/cf affected		Relevant Perf. Standards	10. _____

Components of a Complete NOI Application

State Form: NOI Form 3	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engineered Plan	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof of Mailing to DEP	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Narrative	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof that all relevant perf. standards are met	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TOPO Map identifying locus with scale	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
FIRM Map identifying locus with scale	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Natural Heritage Map with WH, PH, & VP data	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delineation lines (backup material)	Included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Tax Form	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fees	
★ DEP Fee Transmittal form	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
★ Town portion of state filing fee	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
★ Sturbridge local filing fee \$ 50	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No
★ Approved delineation by the Commission within 3 years? \$ _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no provide # ft <u>0</u> X \$.10=
Abutter Information	
★ Certified abutters list (within 200')	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
★ Abutter notification form	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
★ Affidavit & proof -- bring to hearing	<i>Present them at the hearing</i>
Other Attachments, e.g.	
Confirmation of submission to NHESP	Included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Planting Plan	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Floodplain analysis	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Stormwater analysis	Included? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

Conservation Commission Wetland Permit Process

NOI	Process
1	Obtain a Certified list of all abutters within 200' of property lines from the Assessor's Office. <i>(may take 10 business days)</i>
2	Obtain a Tax Form Sign-Off by the Finance Department
3	Submit applications (see bullets below) by noon of the Tuesday deadline (16 days before the desired hearing): <ol style="list-style-type: none"> <u>To Sturbridge Conservation Commission</u>: 301 Main St., Sturbridge, MA 01566 <ul style="list-style-type: none"> This coversheet (1 paper copy) Complete application -- see the checklist on the other side of this page (2 paper copies and 1 pdf) <ul style="list-style-type: none"> <i>Plans must be stamped by an engineer if any component of the project requires engineering.</i> Checks <u>To Mass DEP Central Regional Office</u>: 8 New Bond Street, Worcester, MA 01606 <ul style="list-style-type: none"> Complete application -- see the checklist on the other side of this page (1 paper copy) Photocopy of the two state checks Email a complete application to CERO_NOI@mass.gov <u>To DEP Lock Box</u>: Box 4062, Boston MA 02211 <ul style="list-style-type: none"> Check for state portion of the state fee Fee transmittal form
4	<i>Upon receipt of a complete application, the Conservation Agent will schedule a Public hearing/meeting.</i>
5	Once you are provided the date and time of the hearing, notify all abutters within 200' of the property line using the Town's " Notification to Abutters Form " by certified mail, certificate of mailing, or hand delivery with signatures 7 business days prior to the Hearing . (Present proof of notification prior to the beginning of the public hearing.)
6	<i>The Conservation Agent will place a legal ad in a local newspaper and the Applicant will be billed for the ad.</i>
7	Stake the project. 2 weeks in advance of the public hearing, stake all proposed structures, erosion control barriers, stormwater systems, etc. within Con Com jurisdiction. (See SWB Regulations)
8	<i>The Conservation Commission and/or Agent will perform a site visit before the public hearing to confirm existing conditions and proposed work. If you wish to be informed of the time of the visit, please contact the Con Com office.</i>
9	Attend the public hearing/meeting. The applicant or representative is required to provide proof of abutter notification (including Affidavit of Service), proof of legal advertisement , briefly present the project , and answer any questions about possible impacts on wetlands . At the end of the hearing, the Con Com will either: <ul style="list-style-type: none"> Issue an <u>Order of Conditions</u> (OOC) approving or denying the project, or Approve a continuation of the public hearing to allow time for additional information to be provided.
10	Receive and read the decision and understand the conditions. Contact the Con Com if you have any questions. Some conditions are temporary (such as maintaining erosion controls), and some are perpetual (such as maintaining restoration planting areas or limiting the use of fertilizers).
11	Wait-out the 10-Day appeal period. A decision of the Con Com can be appealed by MassDEP or by any abutter, applicant, or 10-citizen group within 10 business days of the decision.
12	Record the Order at the Registry of Deeds. Provide proof of recording to the Conservation office along with signed Certificates of Understanding.
13	Install MassDEP file number sign and erosion controls.
14	Schedule and attend a pre-construction site visit. Contact the Conservation office to schedule the site visit.
15	Execute the project. The project must be completed within 3 years, unless an extension of the permit is issued; extensions must be requested at least 30 days prior to the expiration of the permit.
16	Request a Certificate of Compliance (COC). Once the project is complete and all conditions have been satisfied, request a COC from the Conservation office by submitting at least: (1) DEP Form 8a , (2) a stamped as-built plan , and (3) a letter from the engineer stating that everything is in substantial compliance with the approved plans and OOC. The Con Com will perform a site visit to ensure compliance and will issue a COC if appropriate.
17	Record the Certificate of Compliance (COC) at the Registry of Deeds to remove the cloud from the title. Provide proof of recording to the Conservation office.

INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED.



Town of Sturbridge

Barbara A. Barry, Finance Director

Department/Board/Committee: Conservation Commission

Please verify outstanding tax/fee status for the following property owner:

Property Owner: Thousand Trails Campground

Property Location: 19 Meshapaug Rd., Sturbridge

☒ The license/permit may be released.

☐ The license/permit may not be released.



Finance Director

4.19.2022
Date



Town of Sturbridge

Conservation Commission

Notification to Abutters

under the MA Wetlands Protection Act and the Town of Sturbridge Wetland Bylaw Regulations
(certificates of mailing, certified mail, or hand-delivery with abutter signature required as proof of notification)

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, § 40, as well as the Town of Sturbridge Wetland Bylaws, you are hereby notified of the following permit application for work within a wetland resource area and/or within the 200-foot buffer zone to a resource area:

- A. The name of the applicant is: Thousand Trails Campground
- B. The address of the lot(s) where the activity is proposed is: 19 Mashapoug Road, Sturbridge
- C. The nature of the activity proposed includes: culvert replacement, removal of foot bridge and associated work.
- D. The applicant has filed the following in accordance with the Wetlands Protection Act (MGL c. 131, § 40), and/or the Town of Sturbridge Wetland Bylaws.
- ☒ Notice of Intent seeking permission to conduct work within a wetland, water body or resource area
- ☐ Request for Determination seeking permission to conduct work within a buffer zone to a wetland, waterbody or resource area
- ☐ Abbreviated Notice of Resource Area Delineation seeking to confirm the wetland resource area boundaries.
- ☐ Request to amend an existing Order of Conditions for DEP File #300-_____
- E. Copies of the application may be examined at the Sturbridge Conservation Department, 301 Main Street, Sturbridge, MA. Times are available by appointment. Please call (508) 347-2506 for availability.
- F. Copies of the application may be obtained from either ☐ the applicant: _____ or ☒ the applicant's representative: EcoTec (Scott Morrison) by calling telephone # 508-752-9666 x227 on the following days of the week: M-F between the hours of 8:30 and 4:30.

The Public Hearing for this application will be held in the Center Office Building, 301 Main Street, 2nd Floor on May 12, 2022 at 6:00PM or thereafter pm.

Please note that while an option for remote attendance and/or participation is being provided to the public, the meeting/hearing will not be suspended or terminated if technological problems interrupt the virtual broadcast, unless otherwise required by law. Members of the public with particular interest in any specific item on this agenda should make plans for in-person vs. virtual attendance accordingly. Members of the public who wish to participate remotely may listen and or watch the meeting may do so either online via the Town's on demand video broadcast, on cable television on channel 191, or dial into the meeting at 774-304-1455, enter 1428# for the meeting number and 12345 for the access code. (This phone number is only active for the public during public meetings). Specific information and the general guidelines for remote participation can be found on the Town's website at:

<https://www.sturbridge.gov/town-administrator/pages/how-access-virtual-meeting>.

PLEASE NOTE: Notice of this Public Hearing will be published as follows:

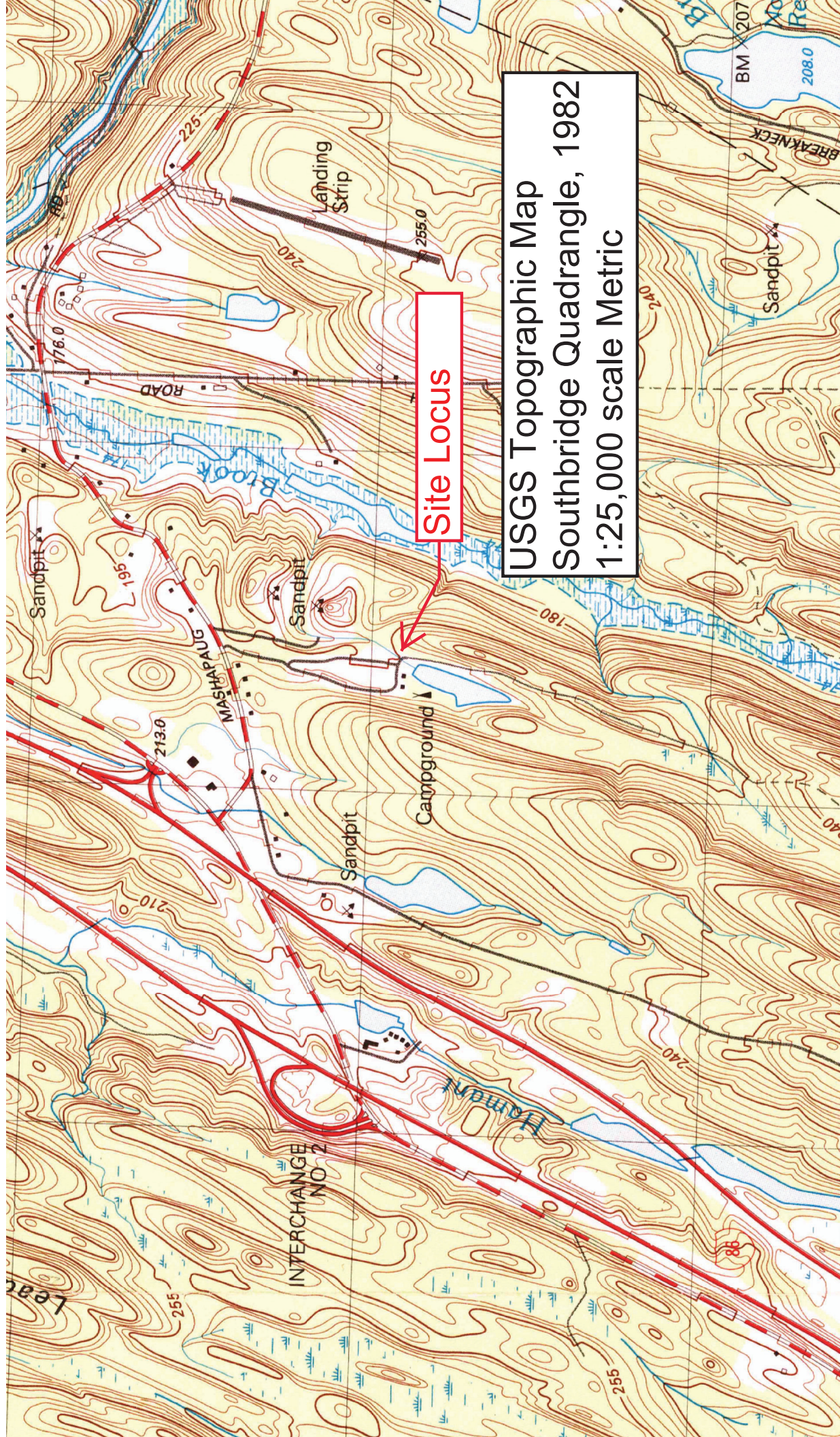
- In a local newspaper at least five days in advance of the hearing
- In the Town Hall at the Town Clerks office, not less than 48 hours in advance of the hearing
- On the Town's Meeting Calendar not less than 48 hours in advance of the hearing (www.town.sturbridge.gov)
- On the Conservation Commission webpage not less than 48 hours in advance of the hearing

You may contact the Sturbridge Conservation Commission Office (508) 347-2506 or the Department of Environmental Protection Central Regional Office at 508-792-7650 with questions in regards to the Notice of Intent application process or the Wetlands Protection Act.

Town Hall
308 Main Street
Sturbridge, MA 01566

508-347-2506
(f) 508-347-5886

	BOARD OF ASSESSORS								
Above persons listed are record owners as they appear on the most recent applicable tax list.									
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11									
Abutters List -	Conservation Commission - 200'								
RE: 19 MASHAPPAUG ROAD									
Certified Copy									
Assessor:	<i>Edward P. Murphy</i>								
Date:	3-31-22								



Site Locus

USGS Topographic Map
Southbridge Quadrangle, 1982
1:25,000 scale Metric



Natural Heritage
Atlas Online data
Viewer Output
March 16, 2022
19 Mashapoug
Road, Sturbridge

Click to start drawing shape.

Proposed culvert
replacement

National Flood Hazard Layer FIRMette

72°55'57"W 42°54'7"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, AE, AH, VE, AR
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*

- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS OF FLOOD HAZARD

- NO SCREEN
- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

OTHER AREAS

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

GENERAL STRUCTURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

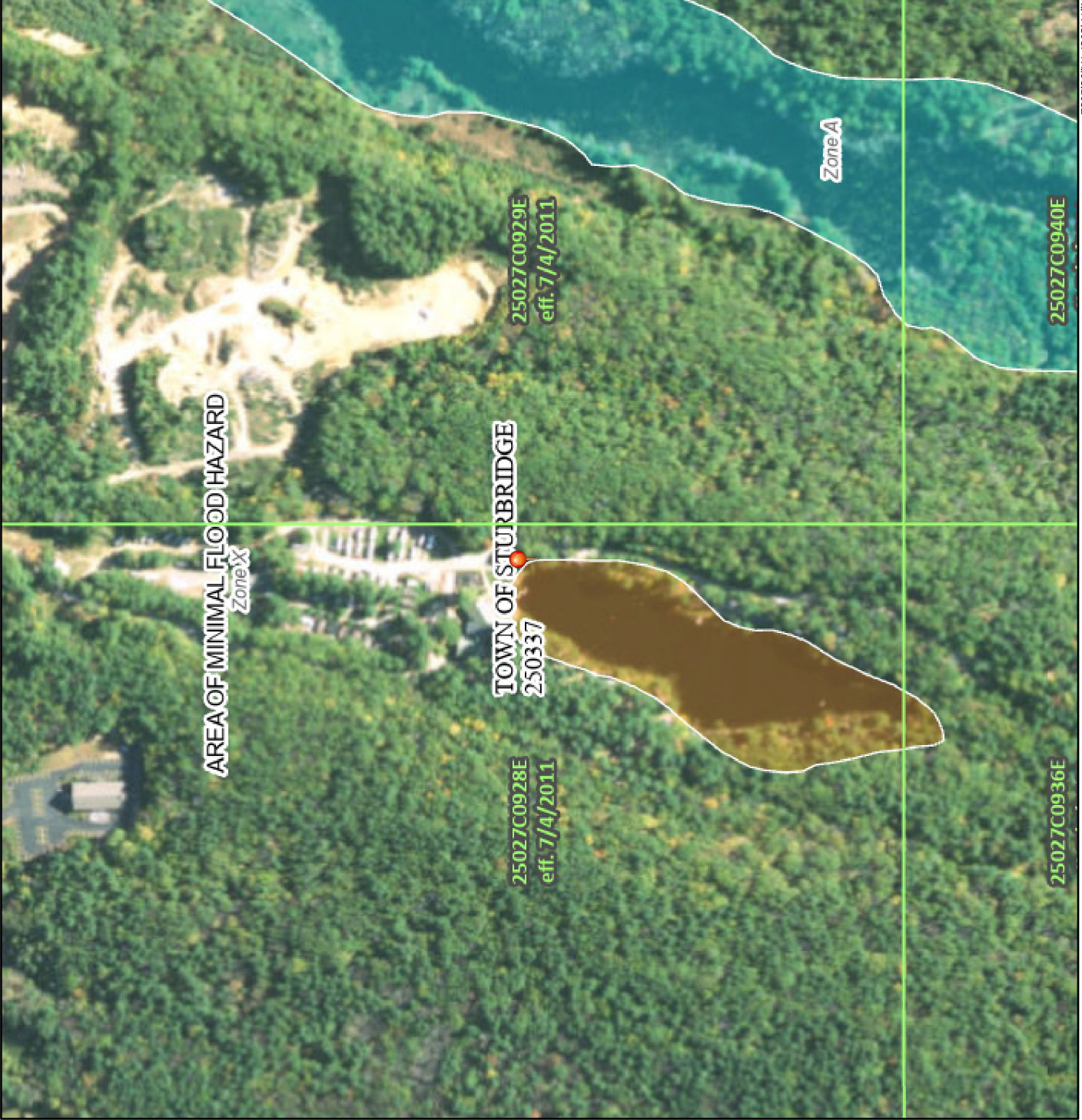


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/17/2022 at 12:32 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Proposed
culvert
replacement



EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street

Worcester, MA 01605-2629

508-752-9666 – Fax: 508-752-9494

March 15, 2022

Sturbridge Conservation Commission
Center Office Building
308 Main St
Sturbridge, MA 01566

Re: Request for Emergency Certificate
19 Mashapoug Road, Sturbridge
Applicant: Thousand Trails Campground

Dear Commission Members:

On behalf of Thousand Trails Campground at 19 Mashapoug Road, we are requesting an Emergency Certificate to replace two cross culverts at an intermittent stream. The existing 12" CMP pipes have collapsed and are no longer conveying water from the ponds outfall. Their inability to take water is causing the pond out flow to flow across the campground and onto private property. This condition makes portions of the campground inaccessible for emergency response and if not rectified may cause damage to abutting properties.

I have attached a protocol for the culverts replacement as well as a quick plan depicting the work. I expect that Scott Morrison from EcoTec and Steve Bressette of Tauper Land Survey will establish the limit work, the erosion control barrier location as well as making provisions for flow diversion via pumping if required. Please advise ASAP when this work may commence. I understand that the order is good for 30 days and must be followed by an after-the-fact Notice of Intent filing.

The main cause of failure is the collapse of rotted corrugated metal pipes that have been flattened. We proposed to replace the pipes with 12" HDPE (High Density Polyethylene) with 12" minimum cover which should closely match the existing conditions. This should limit the expanse of required work area. The pipe ends will be fitted with flared end sections surrounded with 8" minus stone. The outlet end will have a plunge pad consisting of the same. The length of pipe proposed is 4 to 5 feet shorter than what exist to allow for the plunge pool to be within an already disturbed area. A construction protocol and plan are appended to this request.

EcoTec has attached the Natural Heritage and Endangered Species (NHESP) map to this submittal. The proposed work is located within Priority Habitat 762. Therefore, we are

19 Mashapaug Road, Sturbridge
March 15, 2022
Page 2.

submitting a copy of this application to the NHESP under the Massachusetts Endangered Species Act (MESA) regulations at 321 CMT 10.15, which allows for emergency authorization. As will be required by the Sturbridge Conservation Commission an after-the-fact Notice of Intent (NOI) will be filed with the Conservation Commission, MassDEP and NHESP. The applicant looks forward to making the necessary repairs and will submit the NOI application within 30-days of the work being completed.

If you have any questions, please feel free to contact me at any time.

Sincerely,

A handwritten signature in blue ink, reading "Scott M. Morrison". The signature is written in a cursive style with a large, stylized "S" and "M".

Scott M. Morrison
Senior Environmental Scientist

cc. NHESP

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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

Culvert Installation Construction Sequence 19 Mashapoug Road, Sturbridge Thousand Trails Campground

March 14, 2022 (revised 3/15/2022)

1. Prior to the start of earth-moving activities, an erosion control barrier of properly installed siltation fence (i.e., the bottom few inches of the siltation fence installed in a narrow, trench and the trench filled with soil around the siltation fence) and staked straw wattles will be installed at the limits of the proposed work.
2. The installations should be performed during the low flow season and when no rain is forecasted within 3 to 5 days.
3. The pond shall be lowered in advance by removing the flash boards one-by-one several days prior to the start of work. The flash boards shall be re-installed just prior to the culvert replacement work to allow the work to be conducted in the dry.
4. If needed, water diversion shall be provided, by installing sandbag dams above the work area and bypass pumping or installing a temporary flex pipe that will reroute water around the work area and discharge back into the stream below the work area during construction.
5. If pumping occurs, a sheet of plywood shall be placed at the pump discharge to disperse water to prevent erosion from a point source discharge. This eliminates scouring that could result at the pump discharge.
6. Dewatering of the below grade excavation, if required, shall be discharged into a controlled upland area or temporary excavated sediment basin. If necessary, silt bags or flocculent materials may be utilized to remove suspended sediments. At no time shall turbid discharges be allowed to enter the wetland or stream.
7. Monitoring will be conducted to ensure that turbid water is not discharged to the stream.
8. Proposed culverts shall then be installed with rain and dewatering considerations described above. The base of the culvert footings shall be backfilled with structural gravel compacted in place.
9. Stones and rip-rap material will be installed along the ends of the culverts to stabilize the upgradient and downgradient sides of the weir to allow wildlife passage.

10. Flow can be restored and allowed to flow through the culverts. Monitoring shall be conducted to ensure that no erosion occurs. If necessary, minor adjustments can be made in the field to ensure stabilization is achieved.
11. Roadway gravel base shall be compacted and stabilized.

17/E?SturbridgeMashapoag19CulvertConsSeq2



Natural Heritage
Atlas Online data
Viewer Output
March 16, 2022
19 Mashapoug
Road, Sturbridge

Click to start drawing shape.

Proposed culvert
replacement

42.06882, -72.09683 LAT LON

Scott Morrison

From: Glorioso, Lauren (FWE) <lauren.glorioso@state.ma.us>
Sent: Friday, March 18, 2022 1:32 PM
To: Scott Morrison; sbressette@summitinc.com; Kim_Procon@equitylifestyle.com
Cc: Cheeseman, Melany (FWE); rgendreau@sturbridge.gov
Subject: RE: Emergency Authorization: NHESP 22-40932; 19 Mashapaug Rd, Sturbridge

All – Please see the corrected Authorization below which resolves an error in the Reporting Requirements.

Lauren

From: Glorioso, Lauren (FWE)
Sent: Friday, March 18, 2022 12:47 PM
To: smorrison@ecotecinc.com; sbressette@summitinc.com; Kim_Procon@equitylifestyle.com
Cc: Cheeseman, Melany (FWE) <Melany.Cheeseman@mass.gov>; rgendreau@sturbridge.gov
Subject: Emergency Authorization: NHESP 22-40932; 19 Mashapaug Rd, Sturbridge

MA Endangered Species Act Authorization for Emergency Action

Applicant: Thousand Trail Campground
Location: 19 Mashapaug Rd, Sturbridge
Activity: Replace collapsed culverts

The MA Division of Fisheries and Wildlife's Natural Heritage & Endangered Species Program (the "Division") received a request for emergency authorization for on the Thousand Trail Campground property (location noted above). The request for emergency repairs includes repair/replacement of two 12" cross culverts. The Applicant has received a WPA Emergency Certification from the Sturbridge Conservation Commission. The Applicant requested to conduct emergency work in compliance with the MA Endangered Species Act (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00), specifically with 321 CMR 10.15.

Work Permitted with this Authorization (the Work) includes:

1. Proposed culverts shall be installed according to the "Culvert Installation Construction Sequence 19 Mashapoug Road, Sturbridge Thousand Trails Campground" (dated March 14, 2022 & revised 3/15/2022) and "Culvert Replacement Plan" (dated 3/14/2022)
2. The pond shall be lowered in advance prior to the start of work. The flash boards shall be re-installed prior to the culvert replacement work to allow the work to be conducted in the dry.
3. Stones and rip-rap material will be installed along the ends of the culverts to stabilize the upgradient and downgradient sides of the weir to allow wildlife passage.
4. Flow can be restored and allowed to flow through the culverts. Monitoring shall be conducted to ensure that no erosion occurs. If necessary, minor adjustments can be made in the field to ensure stabilization is achieved.
5. Roadway gravel base shall be compacted and stabilized.
6. All Work shall be conducted in compliance with the WPA Emergency Certification Form issued by the Conservation Commission (signed 3/17/2022).
7. No work beyond 1 April 2022 is approved with this Authorization, unless approved in writing by the Division.
8. Any work beyond that necessary to abate the emergency will require review pursuant to the MESA as specified in 321 CMR 10.18.

Work Duration: Approximately 3-5 days to occur during 18 March – 1 April 2022.

Reporting Requirement: Within 30 days of the completion of Work, the applicant or designee shall: 1) file a brief written report detailing the Work that was done under this emergency authorization, including the date(s) of activities and photographs; 2) submit a copy of the after-the-fact Notice of Intent to the Division for review and comment.

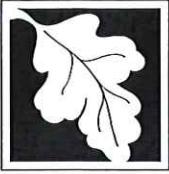
The Division's authorization for Work does not relieve the applicant from compliance with all relevant additional permitting and licensing requirements including, but not limited to, the Conservation Commission, MA Department of Environmental Protection, United States Army Corps of Engineers, and the 401 Water Quality Certificate Program.

If you have any questions regarding this authorization, please contact me.

Sincerely,

Lauren Glorioso (she/her)
Endangered Species Review Biologist
Natural Heritage & Endangered Species Program
Division of Fisheries & Wildlife
1 Rabbit Hill Road, Westborough, MA 01581
c: (508) 281-9909 | o: (508) 389-6361 | f: (508) 389-7890
mass.gov/masswildlife | facebook.com/masswildlife

Please note that MassWildlife's Environmental Review staff continue to work remotely.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Emergency Certification Form

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

A. Emergency Information

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



- Issuance From: Sturbridge Conservation Commission
Issuing Authority
19 Mashapaug Rd
1. Site Location: _____
2. Reason for Emergency:
Failed culverts have caused the road to washout
3. Applicant to perform work: Thousand Trail Campground
4. Public agency to perform work or public agency ordering the work to be performed:
Sturbridge Conservation Commission
5. Date of Site Visit: _____ Start Date: 3-15-2022 End Date*: 3-21-2022
4-1-2022
* no later than 30 days from start date or 60 days in the
case of an Immediate Response Action approved by
DEP to address an oil/hazardous material release.
6. Work to be allowed*:
See attached: Request for Emergency Certificate (dated 3-15-2022) and Culvert Installation
Sequence (last revised 3-15-2022) both prepared by EcoTec, Inc. and Site Plan titled, "Site Plan -
Culvert Replacement Plan" prepared by Tauper Engineering & Survey, Inc. dated 3-14-2022.

* May not include work beyond that necessary to abate the emergency.

B. Signatures

Certified to be an Emergency by this Issuing Authority.

Signatures:


Chairman (or designee)

3-17-2022

Date

A copy of this form must be provided to the appropriate DEP Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Emergency Certification Form

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

C. General Conditions

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Emergency Certification or subject to enforcement action.
2. This Emergency Certification does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of property rights.
3. This Emergency Certification does not relieve the applicant or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. Any work conducted beyond that described above, and any work conducted beyond that necessary to abate the emergency, shall require the filing of a Notice of Intent.
5. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Emergency Certification at reasonable hours to evaluate compliance with this Certification, and may require the submittal of any data deemed necessary by the Conservation Commission or the Department for that evaluation.
6. This Emergency Certification shall apply to any contractor or any other person performing work authorized under this Certification.
7. No work may be authorized beyond 30 days from the date of this certification without written approval of the Department.

D. Special Conditions

The Sturbridge Conservation Commission shall be notified of the anticipated start date and when work is complete. Work shall not commence until all of the project materials are on site. Work shall only be conducted in dry conditions. All work shall follow the sequence plan and site plan. Work shall be overseen as outlined in the sequence plan. All inlet and outlet grades shall be set by a qualified engineer or surveyor. A post-installation summary and a monitoring report shall be submitted to the Sturbridge Conservation Commission immediately following work. An after the fact Notice of Intent shall be submitted within 30 days of the completion of work.

E. Appeals

The Department may, on its own motion or at the request of any person, review: an emergency certification issued by a conservation commission and any work permitted thereunder; a denial by a conservation commission of a request for emergency certification; or the failure by a conservation commission to act within 24 hours of a request for emergency certification. Such review shall not operate to stay the work permitted by the emergency certification unless the Department specifically so orders. The Department's review shall be conducted within seven days of: issuance by a conservation commission of the emergency certification; denial by a conservation commission of the emergency certification; or failure by a conservation commission to act within 24 hours of a request for emergency certification. If certification was improperly granted, or the work allowed thereunder is excessive or not required to protect the health and safety of citizens of the Commonwealth, the Department may revoke the emergency certification, condition the work permitted thereunder, or take such other action as it deems appropriate.

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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

April 7, 2021

Sturbridge Conservation Commission
Center Office Building
308 Main St
Sturbridge, MA 01566

Re: Request for Emergency Certificate
19 Mashapoug Road, Sturbridge
Applicant: Thousand Trails Campground

Dear Commission Members:

On behalf of Thousand Trails Campground at 19 Mashapoug Road, we are requesting an Emergency Certificate to replace two cross culverts at an intermittent stream. The existing 12" CMP pipes have collapsed and are no longer conveying water from the ponds outfall. Their inability to take water is causing the pond out flow to flow across the campground and onto private property. This condition makes portions of the campground inaccessible for emergency response and if not rectified may cause damage to abutting properties.

I have attached a protocol for the culverts replacement as well as a quick plan depicting the work. I expect that Scott Morrison from EcoTec and Steve Bressette of Tauper Land Survey will establish the limit work, the erosion control barrier location as well as making provisions for flow diversion via pumping if required. Please advise ASAP when this work may commence. I understand that the order is good for 30 days and must be followed by an after-the-fact Notice of Intent filing.

The main cause of failure is the collapse of rotted corrugated metal pipes that have been flattened. We proposed to replace the pipes with 12" HDPE (High Density Polyethylene) with 12" minimum cover which should closely match the existing conditions. This should limit the expanse of required work area. The pipe ends will be fitted with flared end sections surrounded with 8" minus stone. The outlet end will have a plunge pad consisting of the same. The length of pipe proposed is 4 to 5 feet shorter than what exist to allow for the plunge pool to be within an already disturbed area. A construction protocol and plan are appended to this request.

EcoTec has attached the Natural Heritage and Endangered Species (NHESP) map to this submittal. The proposed work is located within Priority Habitat 762. Therefore, we are

19 Mashapaug Road, Sturbridge
March 15, 2022
Page 2.

submitting a copy of this application to the NHESP under the Massachusetts Endangered Species Act (MESA) regulations at 321 CMT 10.15, which allows for emergency authorization. As will be required by the Sturbridge Conservation Commission an after-the-fact Notice of Intent (NOI) will be filed with the Conservation Commission, MassDEP and NHESP. The applicant looks forward to making the necessary repairs and will submit the NOI application within 30-days of the work being completed.

If you have any questions, please feel free to contact me at any time.

Sincerely,

A handwritten signature in blue ink, reading "Scott M. Morrison". The signature is written in a cursive style with a large, stylized "S" and "M".

Scott M. Morrison
Senior Environmental Scientist

cc. NHESP

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street

Worcester, MA 01605-2629

508-752-9666 – Fax: 508-752-9494

Culvert Installation Construction Sequence

19 Mashapoug Road, Sturbridge

Thousand Trails Campground

March 14, 2022 (revised 3/15/2022)

1. Prior to the start of earth-moving activities, an erosion control barrier of properly installed siltation fence (i.e., the bottom few inches of the siltation fence installed in a narrow, trench and the trench filled with soil around the siltation fence) and staked straw wattles will be installed at the limits of the proposed work.
2. The installations should be performed during the low flow season and when no rain is forecasted within 3 to 5 days.
3. The pond shall be lowered in advance by removing the flash boards one-by-one several days prior to the start of work. The flash boards shall be re-installed just prior to the culvert replacement work to allow the work to be conducted in the dry.
4. If needed, water diversion shall be provided, by installing sandbag dams above the work area and bypass pumping or installing a temporary flex pipe that will reroute water around the work area and discharge back into the stream below the work area during construction.
5. If pumping occurs, a sheet of plywood shall be placed at the pump discharge to disperse water to prevent erosion from a point source discharge. This eliminates scouring that could result at the pump discharge.
6. Dewatering of the below grade excavation, if required, shall be discharged into a controlled upland area or temporary excavated sediment basin. If necessary, silt bags or flocculent materials may be utilized to remove suspended sediments. At no time shall turbid discharges be allowed to enter the wetland or stream.
7. Monitoring will be conducted to ensure that turbid water is not discharged to the stream.
8. Proposed culverts shall then be installed with rain and dewatering considerations described above. The base of the culvert footings shall be backfilled with structural gravel compacted in place.
9. Stones and rip-rap material will be installed along the ends of the culverts to stabilize the upgradient and downgradient sides of the weir to allow wildlife passage.

10. Flow can be restored and allowed to flow through the culverts. Monitoring shall be conducted to ensure that no erosion occurs. If necessary, minor adjustments can be made in the field to ensure stabilization is achieved.
11. Roadway gravel base shall be compacted and stabilized.

17/E?SturbridgeMashapoag19CulvertConsSeq2

EcoTec, Inc.

102 Grove Street
Worcester, MA 01605-2629
(508) 752-9666
FAX (508) 752-9494

To: Lauren Glorioso, NHESP
Rebecca Gendreau, Con Com
Steve Bressette, Engineer
Curt Kenyon, Project Manager
Kim Procon, Site Manager

Date: March 23, 2022

Re: 19 Mashapoug Road, Sturbridge

From: Scott Morrison

Via Email:

On March 23, 2022, EcoTec conducted a site inspection to review the culvert replacement work performed on the above referenced site under an Emergency Certificate issued by the Sturbridge Conservation Commission and the Emergency Authorization issued under the Massachusetts Endangered Species Act. Scott Morrison, PWS conducted the inspection.

The work was conducted in accordance with the Emergency Certificate application materials dated April 7, 2022, which included a Construction Sequence by EcoTec dated March 14, 2022, and revised through 3/15/2022 as well as a Site Plan-Culvert Replacement by Tauper Engineering and Survey dated March 14, 2022. This work was started on March 22nd and completed on March 23rd. As approved, the work consisted of installing two new 12" HDPE pipes with flared ends. Boulders were replaced along the edges of the roadway and rip-rap was installed along the slopes and at the inlet and outlets of the new culverts. Care was taken to set the culverts to maintain the elevations of the exiting channel to prevent drops at the pipes inlets and outlets. EcoTec observed clear water flowing through the culverts with no evidence of siltation. EcoTec, therefore recommends removal of the silt fence and straw wattles, with monitoring by the park staff. Several photos of the work are appended to this memo.

The engineer will survey the work area to prepare an as-built plan. In accordance with the emergency order and authorization issued by NHESP and the Conservation Commission, EcoTec will prepare and file a Notice of Intent application within 30-days of this letter. This will be a combined application under the Wetlands Protection Act, Town of Sturbridge Wetlands Protection Bylaw and Massachusetts Endangered Species Act.

I hope you find this memo and photos helpful. On behalf of the owner and project team, we thank you for your assistance and responsiveness in this matter.

PHOTOGRAPHS TAKEN DURING INSPECTION ON MARCH 23, 2022



Culvert inlets



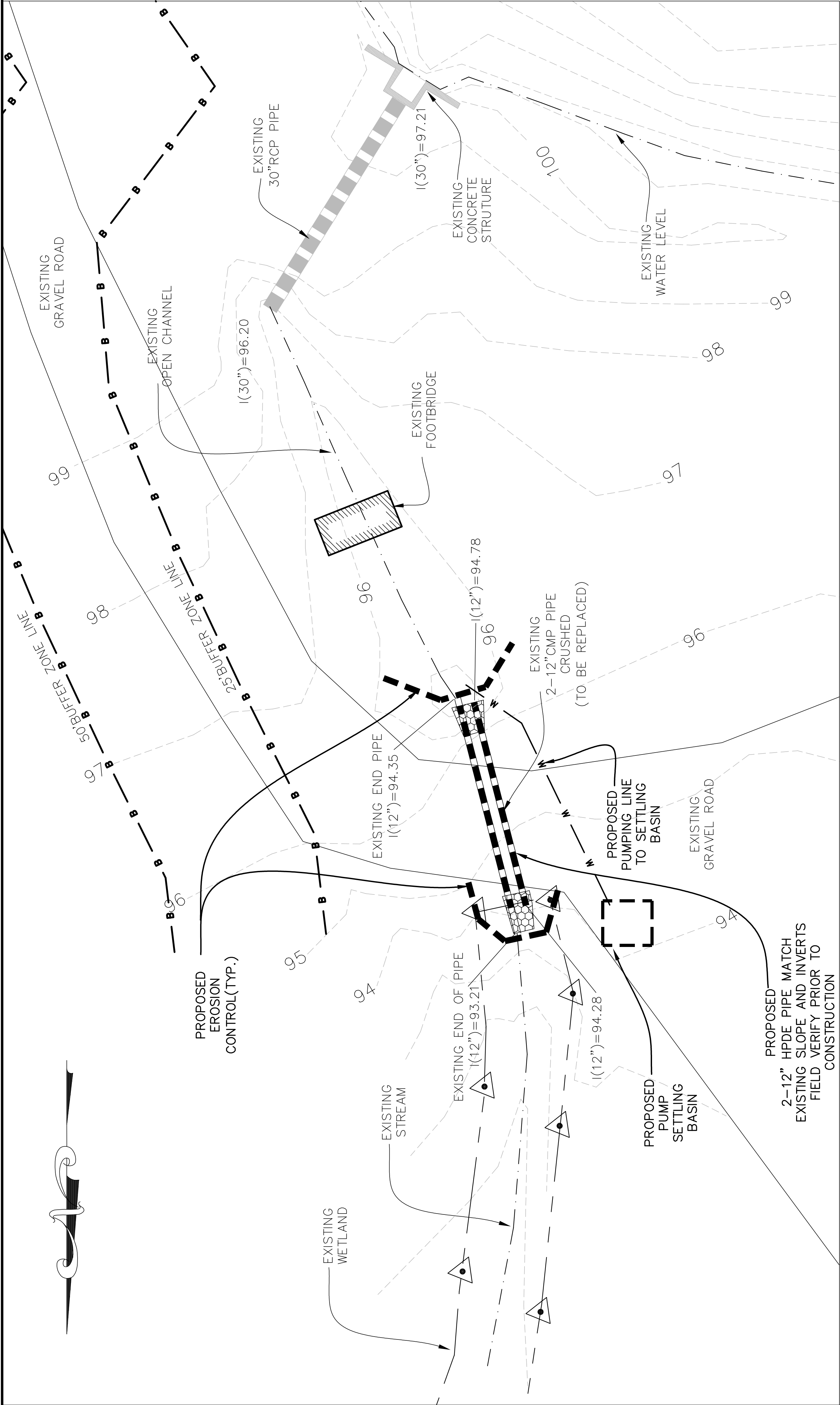
Completed Gravel Roadway



Culvert outlets

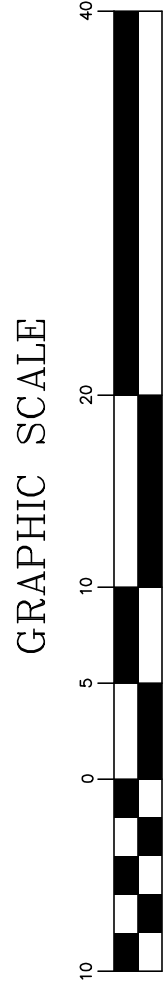


Closeup of downstream end of culverts (clear water flowing)

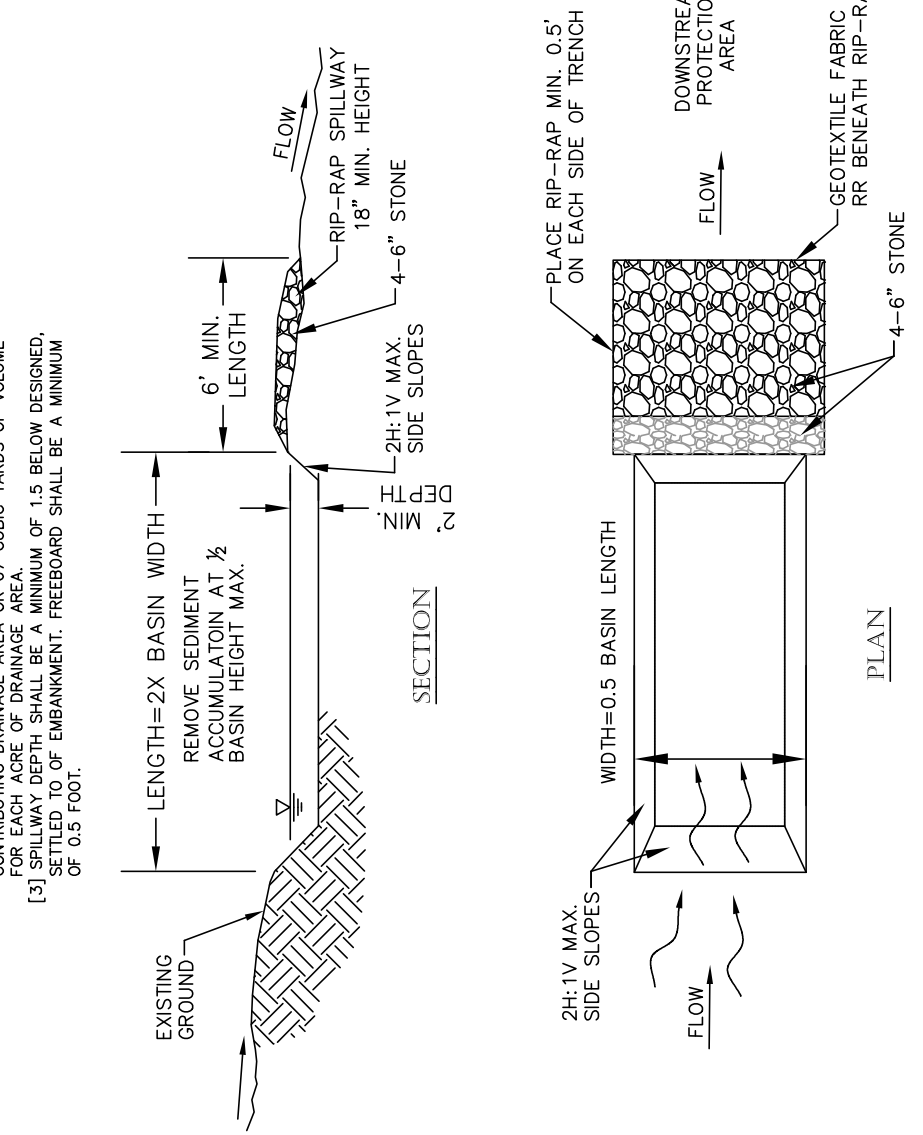
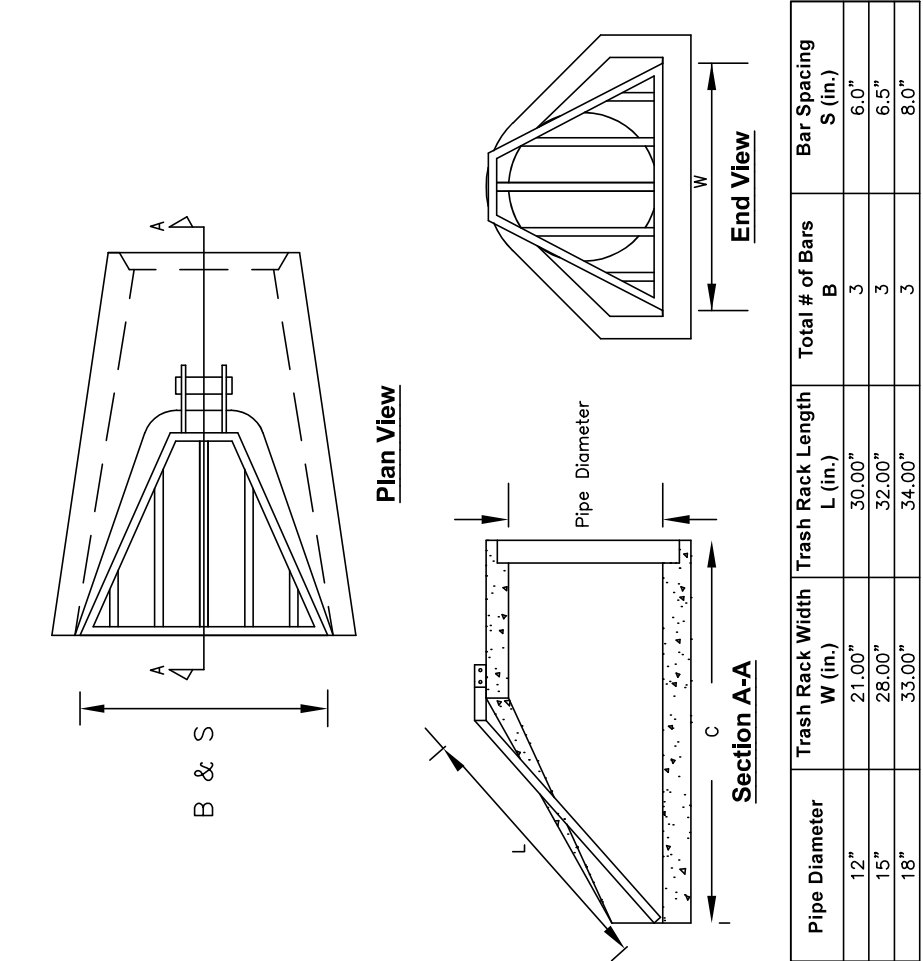
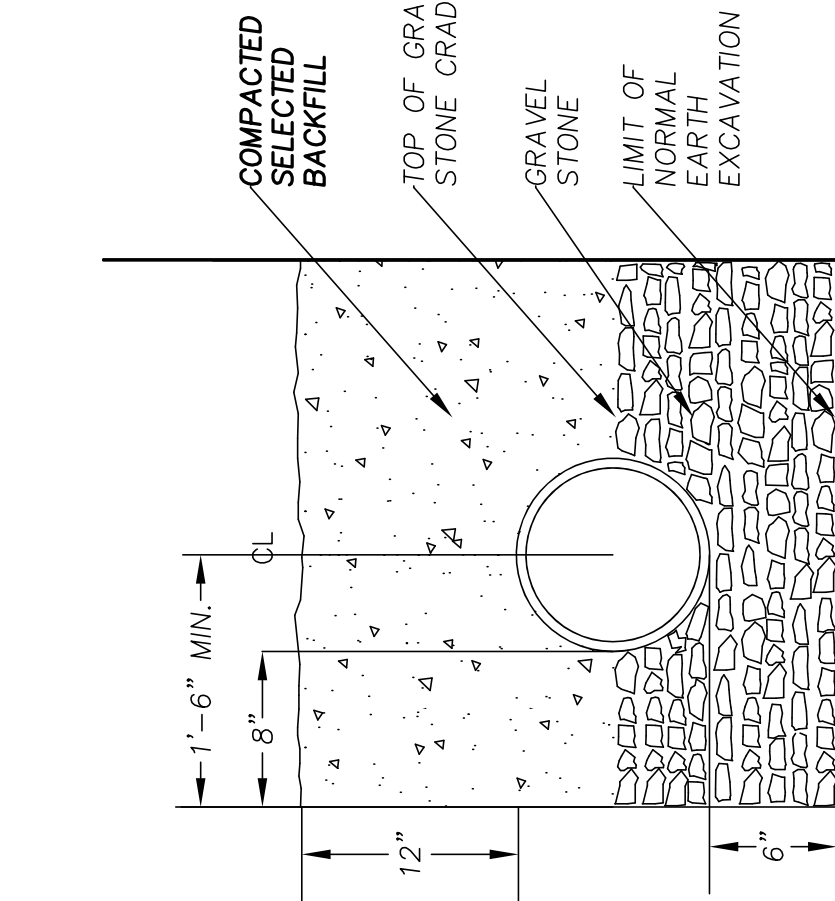
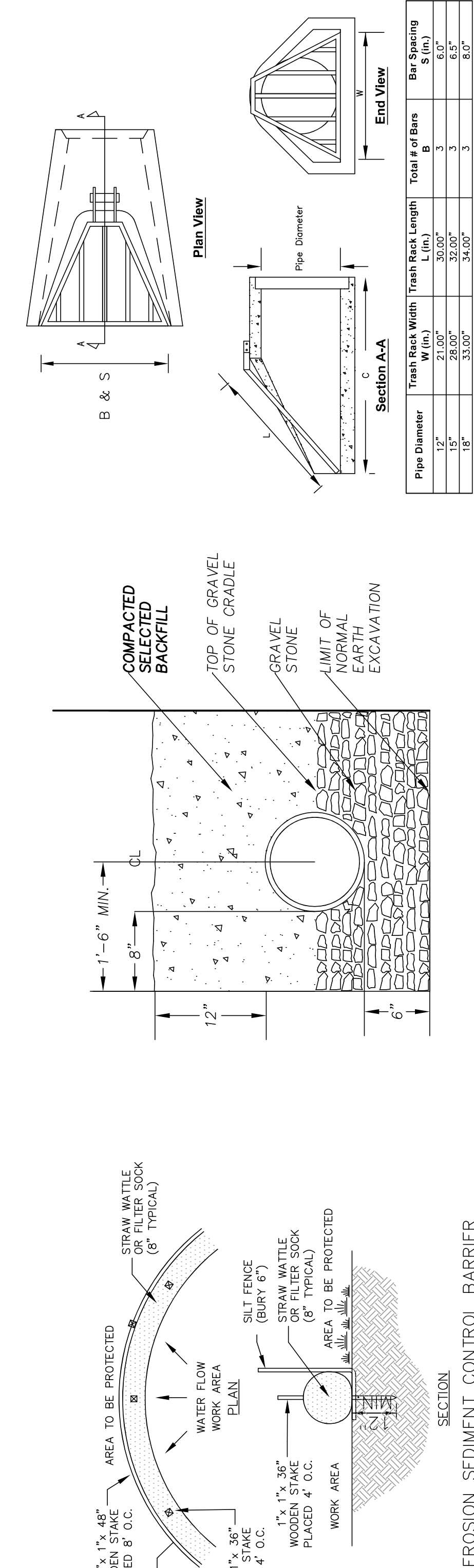


SITE PLAN DETAIL

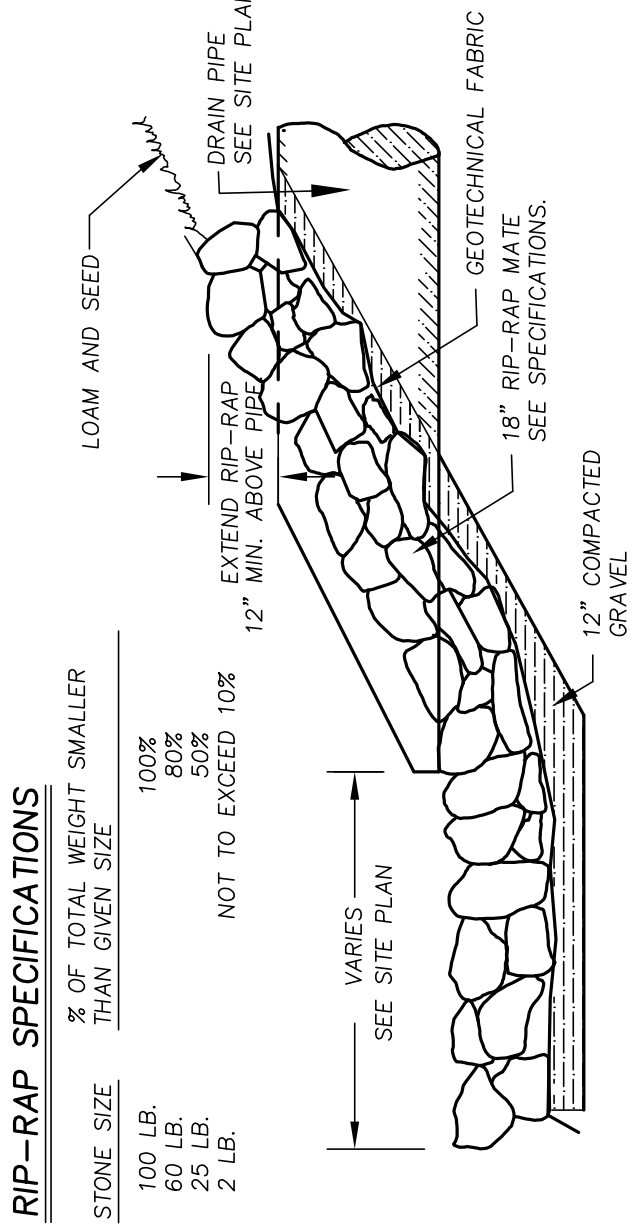
SCALE: 1"=10'



GRAPHIC SCALE

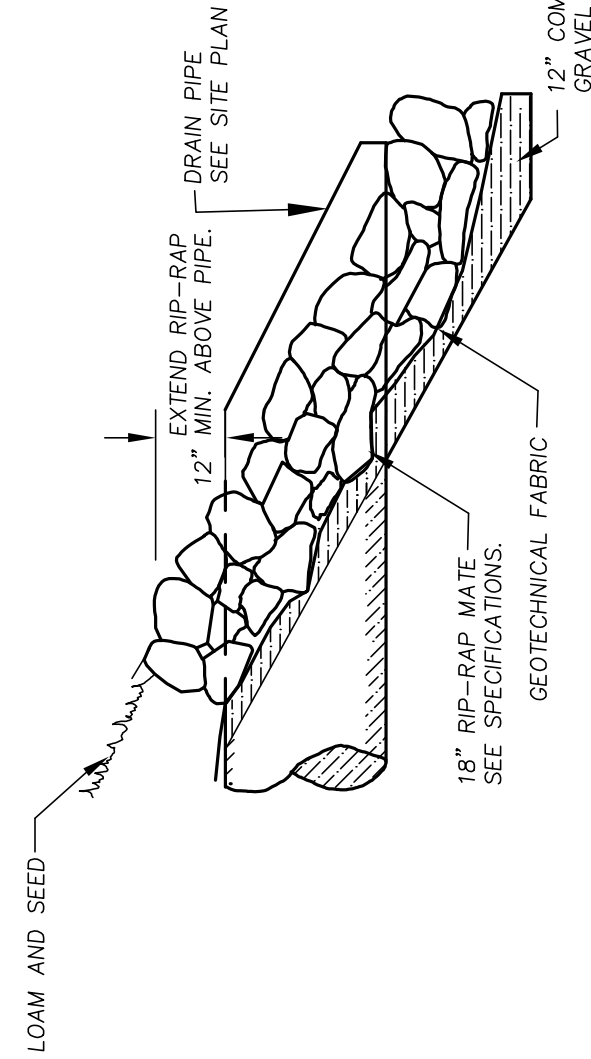


- NOTES:
- (1) TEMPORARY SEDIMENT TRAPS SHALL HAVE A DRAINAGE AREA OF 10% OF THE TOTAL DRAINAGE AREA.
 - (2) THE TEMPORARY SEDIMENT TRAP SHALL HAVE A MINIMUM DRAINAGE AREA OF 10% OF THE TOTAL DRAINAGE AREA.
 - (3) FOR EACH AREA OF DRAINAGE AREA, THE DRAINAGE AREA SHALL BE SETTLED TO A MINIMUM OF 1.5 FEET BELOW DESIGNED GRADE.
 - (4) SETTLED TO A MINIMUM OF 1.5 FEET BELOW DESIGNED GRADE.
 - (5) SETTLED TO A MINIMUM OF 1.5 FEET BELOW DESIGNED GRADE.



FLARED END RIP RAP
OUTLET SIDE OF PIPE

NOT TO SCALE



PREPARED BY:
TAUPER
Engineering & Survey, Inc.

700 MAIN STREET
OXFORD, MA 01527
P: 508.887.6100 F: 508.887.6104

SHEET TITLE

SITE PLAN- CULVERT
REPLACEMENT PLAN

THOUSAND TRAILS CAMP
GROUND

at
19 MASHAPAUG ROAD

STURBRIDGE, MA

SHEET NO.

1 OF 1

