

May 3, 2023

Town of Sturbridge Conservation Commission 308 Main Street Sturbridge, MA 01566

RE: Old Sturbridge Village Towne Garden Site Improvements (Parcel ID:491-02455-001) Sturbridge, Massachusetts Notice of Intent Application

Dear Commission Members:

Please find enclosed the original and two (2) copies of the Notice of Intent filed on behalf of the above referenced project. Also enclosed is the filing fee of \$95.00 as required by the Wetlands Protection Act and a check for \$150.00 as required by the local ordinance.

This Notice of Intent will be filed with The Department of Environmental Protection using the on-line filing system.

We look forward to meeting with you to discuss this project in greater detail.

Very truly yours,

Donald J. Frydryk, P.E., P.L.S.

CC: Massachusetts Department of Environmental Protection - Wetlands

William Gaudette, OSV

Notice of Intent

Under the

Massachusetts Wetlands Protection Act & Town of Sturbridge Wetland Bylaw

For the

Selective Removal & Planting of Trees

1 Old Sturbridge Village Road

Sturbridge, Massachusetts

Prepared for:

Owner/Applicant: Old Sturbridge Village 1 Old Sturbridge Village Road Sturbridge, Massachusetts 01566

Prepared by:

Sherman & Frydryk A Division of Hancock Associates, Inc. Land Surveying and Engineering 3 Converse Street, Suite 203 Palmer, MA 01069



Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #:

eDEP Transaction #:1533503 City/Town:STURBRIDGE

A.General Information

1. Project Location:

a. Street Address

1 OLD STURBRIDGE VILLAGE ROAD

b. City/Town

STURBRIDGE

c. Zip Code

01566

d. Latitude

42.10699N

e. Longitude

72.09672W

f. Map/Plat#

241

g.Parcel/Lot#

2. Applicant:

□ Organization

a. First Name

BRADLEY

b.Last Name

KING

c. Organization

OLD STURBRIDGE VILLAGE

d. Mailing Address

1 OLD STURBRIDGE VILLAGE ROAD

e. City/Town

STURBRIDGE

f. State MA

g. Zip Code

01566

h. Phone Number

508-347-0314

i. Fax

j. Email

BKING@OSV.ORG

3. Property Owner:

more than one owner

a. First Name

BRADLEY

b. Last Name

KING

c. Organization

OLD STURBRIDGE VILLAGE

d. Mailing Address

1 OLD STURBRIDGE VILLAGE ROAD STURBRIDGE

f.State MA

g. Zip Code

01566

e. City/Town h. Phone Number

508-347-0314

i. Fax

j.Email

BKING@OSV.ORG

4. Representative:

a. First Name

DONALD J.

b. Last Name

FRYDRYK, P.E., P.L.S.

c. Organization

SHERMAN & FRYDRYK

d. Mailing Address

3 CONVERSE STREET, SUITE 203

e. City/Town h.Phone Number **PALMER** 413-283-6210 f. State MA

g. Zip Code j.Email

dfrydryk@shermanfrydryk.com

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

a. Total Fee Paid

165.00

b.State Fee Paid

i.Fax

c.City/Town Fee Paid 70.00

95.00

6.General Project Description:

SLECTIVE TREE REMOVAL AND PLANTING ADJACENT TO COURTYARD AT TOWNE HOUSE GARDENS, STURBRIDGE VILLAGE IN THE RIVERFONT AREAS OF THE QUINEBAUG RIVER.

7a.Project Type:

1. Single Family Home

2. Residential Subdivision

3. T Limited Project Driveway Crossing

4. Commercial/Industrial

5. T Dock/Pier

6.
☐ Utilities

7. Coastal Engineering Structure

8. Agriculture (eg., cranberries, forestry)

9. Transportation

10. V Other

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

Protection

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Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503

City/Town:STURBRIDGE

CMR 10.53 (inland)?

If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

a.County:

b.Certificate:

c.Book:

d.Page:

WORCESTER

4793

0523

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

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

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

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

Resource Area

Size of Proposed Alteration Proposed Replacement (if any)

a. F Bank 1. linear feet 2. linear feet b. T Bordering Vegetated Wetland 1. square feet 2. square feet c. T Land under Waterbodies and Waterways 1. Square feet 2. square feet 3. cubic yards dredged d. F Bordering Land Subject to Flooding 1. square feet 2. square feet 3. cubic feet of flood storage lost 4. cubic feet replaced e. T Isolated Land Subject to Flooding 1. square feet 2. cubic feet of flood storage lost 3. cubic feet replaced f. Riverfront Area 1. Name of Waterway (if any) 2. Width of Riverfront Area (check one) ☐ 25 ft. - Designated Densely Developed Areas only

₩ 100 ft. - New agricultural projects only

₩ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project

1585

square feet

4. Proposed Alteration of the Riverfront Area:

1585

1585

a. total square feet

b. square feet within 100 ft.

c. square feet between 100 ft.

and 200 ft.

Protection

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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?

₩ Yesl No

3. Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area

Size of Proposed Alteration Proposed Replacement (if any)

a. T Designated Port Areas

Indicate size under

Land under the ocean below,

Provided by MassDEP: MassDEP File #:

eDEP Transaction #:1533503

City/Town:STURBRIDGE

b. Land Under the Ocean

1. square feet

2. cubic yards dredged

c. F Barrier Beaches

Indicate size under Coastal Beaches and/or Coatstal Dunes, below

d. Coastal Beaches

1. square feet

2. cubic yards beach nourishment

e. Coastal Dunes

1. square feet

2. cubic yards dune nourishment

f Coastal Banks

1. linear feet

g. Tocky Intertidal Shores

1. square feet

h. T Salt Marshes

1. square feet

2. sq ft restoration, rehab, crea.

i. Land Under Salt Ponds

1. square feet

2. cubic yards dredged

j. T Land Containing Shellfish

1. square feet

k. 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

1. Land Subject to Coastal

Storm Flowage

1. square feet

4.Restoration/Enhancement

□ Restoration/Replacement

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

a. square feet of BVW

b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

Project Involves Streams Crossings

Protection

Bureau of Resource Protection - Wetlands

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503 City/Town:STURBRIDGE

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

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

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

Natural Heritage and Endangered Species

Program

Division of Fisheries and Wildlife

1 Rabbit Hill Road

Westborough, MA 01581

b. Date of map:FROM MAP VIEWER

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

- c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)
 - 1. Percentage/acreage of property to be altered:
 - (a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

- Assessor's Map or right-of-way plan of site
- 3. Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
- a. Project description (including description of impacts outside of wetland resource area & buffer zone)
- b. Photographs representative of the site
- c. MESA filing fee (fee information available at: http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html)

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

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

- d. T Vegetation cover type map of site
- e. Project plans showing Priority & Estimated Habitat boundaries
- d. OR Check One of the following
 - 1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
 - 2. Separate MESA review ongoing.
 - a. NHESP Tracking Number
 - b. Date submitted to NHESP

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503 City/Town:STURBRIDGE

3. Separate MESA review completed.

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

- * Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review...
- 2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?

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

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

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

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -Southeast Marine Fisheries Station Attn: Environmental Reviewer 836 S. Rodney French Blvd New Bedford, MA 02744 Division of Marine Fisheries -North Shore Office Attn: Environmental Reviewer 30 Emerson Avenue Gloucester, MA 01930

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

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

a. TYes FNo

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

b. ACEC Name

- 4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- 5. 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)?
- 6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
 - a. Tyes, 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:
 - Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook
 Vol.2, Chapter 3)
 - 2. A portion of the site constitutes redevelopment
 - 3. Proprietary BMPs are included in the Stormwater Management System
 - b. ☐ No, Explain why the project is exempt:
 - 1. Single Family Home
 - 2. Emergency Road Repair

Protection

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Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503 City/Town:STURBRIDGE

3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

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

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

V

a. Plan Title:

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

NOTICE OF INTENT,

TOWNE GARDEN

IMPROVEMENTS

FOR OLD

STURBRIDGE VILLAGE BY

DONALD J.

FRYDRYK, P.E., P.L.S.

04-27-2023 /1 IN =20

FT

SHERMAN &

FRYDRYK, A

DIVISION OF

HANCOCK ASSOC,

INC.

- 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.

9.

Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503 City/Town:STURBRIDGE

E. Fees

Fee Exempt: No filing fee shall be assessed for projects of any city, town, tribe housing authority, municipal housing authority, or the Massachuse	county, or district of the Commonwealth, federally recognized Indian tts 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: 5/4/3023
2. Mithigipal thook thumber 1 C	3 Check date
HAN COO SURVEY ASOCIATES INC	5. Check date
6. Payer name on check: First Name	7. Payer name on check: Last Name

F. Signatures and Submittal Requirements

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

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

1. Signature of Applicant	2. Date 7 3 2023
3. Signature of Representative (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4. Date 5/4/2023

For Conservation Commission:

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

For MassDEP:

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

Other

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

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

Notice of Intent

Old Sturbridge Village Selective Removal & Planting of Trees

1 Old Sturbridge Village Road Sturbridge, Massachusetts (Parcel ID: 491-02455-001)

List of Figures

Figure 1

Site Locus Map

Figure 2

Estimated Habitat Plan

Figure 3

FEMA Flood Plain Map

Attachments

Appendix 1

Filing Fee Calculations /Fee Transmittal Form

Appendix 2

Property Tax Status

Appendix 3

Notice of Intent Narrative

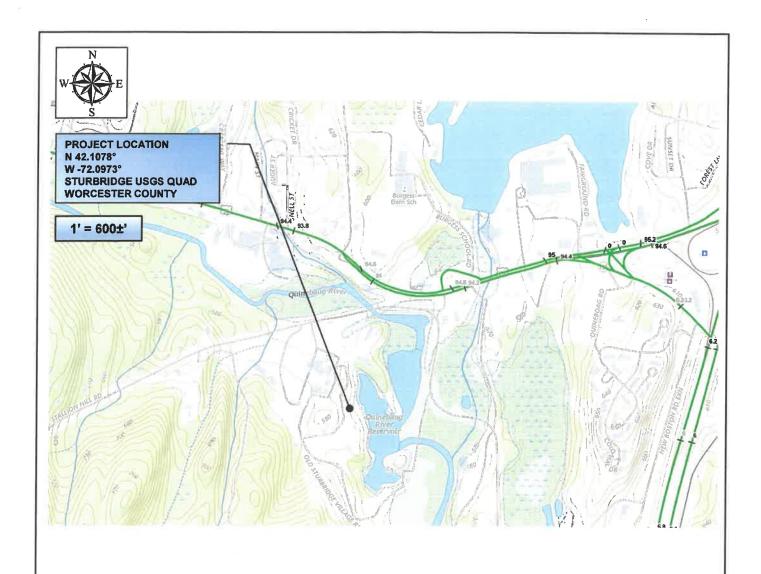
Supplement 1

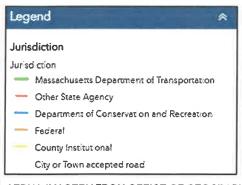
Plans entitled "Notice of Intent, Towne Garden Improvements", prepared for Old Sturbridge Village by Sherman & Frydryk, A Division of Hancock Associates, Inc., Land Surveying and

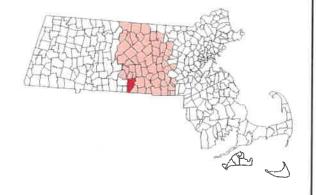
Engineering, dated April 27, 2023, One (1) sheet.

FIGURE 1

SITE LOCUS MAP







AERIAL IMAGERY FROM OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS) COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS



TOWNE GARDEN IMPROVEMENTS

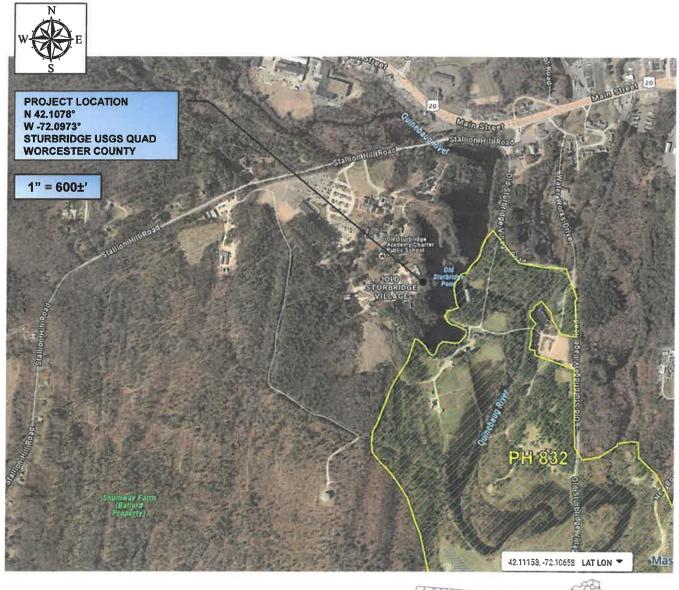
1 OLD STURBRIDGE VILLAGE ROAD
STURBRIDGE, MASSACHUSETTS
WORCESTER COUNTY

USGS PLAN
PROJECT LOCUS

APRIL 2023 FIGURE 1

FIGURE 2

ESTIMATED HABITAT PLAN





☑ ☐ 표 Map Features for Imagery



AERIAL IMAGERY FROM OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS) COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS



TOWNE GARDEN IMPROVEMENTS

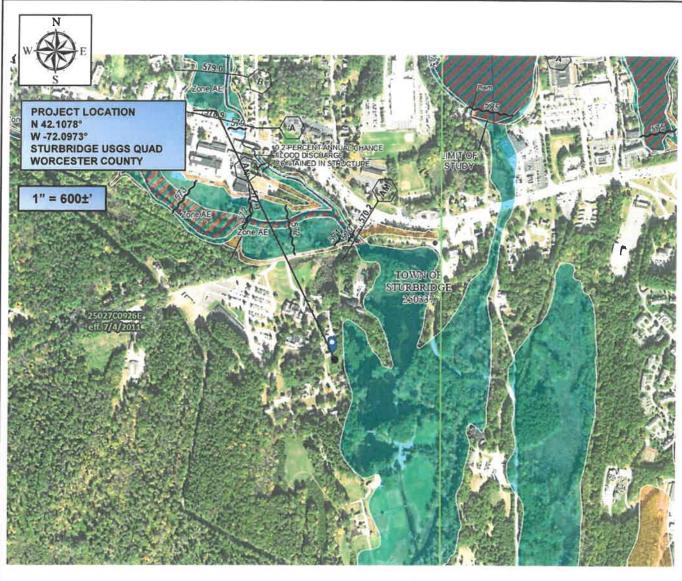
1 OLD STURBRIDGE VILLAGE ROAD
STURBRIDGE, MASSACHUSETTS
WORCESTER COUNTY

NHESP RESOURCE AREA MAP

APRIL 2023 FIGURE 2

FIGURE 3

FEMA FLOOD PLAIN MAP





THIS MAP COMPLIES WITH FEMA'S STANDARDS FOR THE USE OF DIGITAL FLOOD MAPS IF IT IS NOT VOID AS DESCRIBED BELOW. THE BASE MAP SHOWN COMPLIES WITH FEMA'S BASE MAP ACCURACY STANDARDS THE FLOOD HAZARD INFORMATION IS DERIVED DIRECTLY FROM THE AUTHORITATIVE NFHL WEB SERVICES PROVIDED BY FEMA. THIS MAP WAS EXPORTED ON 3/03/2023 AT 8:21 AM 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.



OLD STURBRIDGE VILLAGE

1 OLD STURBRIDGE VILLAGE ROAD
STURBRIDGE, MASSACHUSETTS
WORCESTER COUNTY

FEMA FLOOD MAP
PANEL NO. 25027 C0926E
EFF. DATE: 07-04-2011
APRIL 2023 FIGURE 3

APPENDIX 1

FILING FEE CALCULATIONS / FEE TRANSMITTAL FORM

STURBRIDGE WETLANDS PROTECTION BY-LAW AND REGULATIONS

WETLANDS FILING FEE CALCULATION WORSHEET

Application Type	Qty	Town Filing Fee	TOTAL
Notice of Intent (NOI):			
Residential – Single Family:			
Accessory (Deck, Shed, Pool Septic)		\$150	(
Shoreline Work	✓	\$150	
New Construction		\$300	s
Residential – Other: Subdivision/Multi-Unit		\$750	
Commercial/Industrial: New		\$1500	
Redevelopment		\$1000	
Limited Project (as defined in SWB & WPA)	Equal to full WPA fee	
Alterations - located within Riverfront Area	Additional	1 50% of Fee	
Application filed after Enforcement Order		Double the Municipal fee	-
Request for Amended Order of Conditions		50% of initial fe	e
Request for Determination of Applicability (RDA:		
No Wetland Boundary Confirmation Residential:		\$100	
No Wetland Boundary Confirmation All Other:		\$200	
For Wetland Boundary Confirmation File ANRAD or NOI			
Abbreviated Notice of Resource Area Deline	ation (ANRAD):		· · · · · · · · · · · · · · · · · · ·
Residential - Single Family:	<u> </u>	\$100	
All Other: Base Review		\$300	
Resource Area Boundary			

Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Wetland FeeTransmittal Form

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1533503 City/Town:STURBRIDGE

A. Applicant Information

		1.	
Ι.	An	plica	nt:

a. First Name

BRADLEY

b.Last Name

KING

c. Organization d. Mailing Address OLD STURBRIDGE VILLAGE 1 OLD STURBRIDGE VILLAGE ROAD

f. State MA

g. Zip Code

01566

e. City/Town h. Phone Number STURBRIDGE 5083470314

i. Fax

j. Email

BKING@OSV.ORG

2.Property Owner:(if different)

a. First Name

BRADLEY

b. Last Name

KING

c. Organization

OLD STURBRIDGE VILLAGE

d. Mailing Address

1 OLD STURBRIDGE VILLAGE ROAD STURBRIDGE

f.State MA

g. Zip Code

01566

e. City/Town h. Phone Number

5083470314

i. Fax

j.Email

BKING@OSV.ORG

3. Project Location:

a. Street Address

1 OLD STURBRIDGE VILLAGE ROAD

b. City/Town

STURBRIDGE

Are you exempted from Fee?

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

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

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

B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
C.) CONTROL VEGETATION;	1	110.00	RFA MULTIPLIER 1.5	165.00

City/Town share of filling fee State share of filing fee Total Project Fee \$95.00 \$70.00 \$165.00

APPENDIX 2

PROPERTY TAX STATUS



servation Commission	
us for the following property owner:	
/illage	
Property Location: 1 Old Sturbridge Village Road, Sturbridge, MA 01566	
e released.	
3/7/2023 Date	

APPENDIX 3

NOTICE OF INTENT NARRATIVE

NOTICE OF INTENT NARRATIVE

Old Sturbridge Village
Selective Tree Removal & Planting

1 Old Sturbridge Village Road Sturbridge, Massachusetts (Parcel ID: 491-02455-001)

The project proposed by Old Sturbridge Village consists of the Selective Tree Removal and Planting to the South of the "Towne House" (Building #50) on Parcel ID: 491-02455-001, Old Sturbridge Village Road, Sturbridge, which is located approximately 2,275-feet west from the intersection of Main Street (RT 20) & Main Street (RT 131). The proposed improvements will be accessed by a 12-foot-wide private asphalt driveway within the Sturbridge Village campus. This work is being done to provide sunlight for the garden and subsequent new plantings. Eight (8) new trees will be planted in and adjacent to the courtyard, and seventeen (17) existing trees of various diameters shall be removed and disposed. The existing tree stumps shall be retained.

310 CMR 10.55 BORDERING VEGETATED WETLANDS

No impacts to bordering vegetated wetlands are anticipated as part of this project.

Buffer Zone

The proposed project will include the removal of seventeen (17) trees of various diameters and the planting of eight (8) trees within the one hundred (100) foot and two (200) foot wetland buffer zone. The disturbance will result from placing erosion controls at the limit of proposed work, grading, tree clearing, and loam and seeding of disturbed areas.

310 CMR 10.57 LAND SUBJECT TO FLOODING

No filling within a land subject to flooding is anticipated as part of this project. The work area is not within the 100-year flood plain "Zone X" as shown on FEMA Community Panel #2507 C0926E (See Figure 3).

310 CMR 10.58 RIVERFRONT AREA

Work within the rivers area is as listed above. No permanent impacts to the riverfront area are anticipated as part of this project.

321 CMR 10

The project is not located within a Priority Habitat of Rare Species or Estimated Habitat of Rare Wildlife delineated area as shown on the latest Massachusetts Natural Heritage Mapping dated June 2021 (See Figure 2).

Mitigating measures for this project include the installation of haybales and silt fence as shown on the plan and details to provide sediment containment before overland flow reaches the bordering vegetated wetlands. All disturbed areas shall be loamed and seeded.

Erosion controls shall be installed prior to any disturbance on the site. Erosion controls shall be maintained until the Palmer Conservation Commission approves removal of the controls.