



Stow Conservation Commission 380 Great Road Stow, MA 01775

Re: Notice of Intent The Cottages at Wandering Pond, Athens Street, Stow

Dear Stow Conservation Commission,

On behalf of Cottages at Wandering Pond Realty Trust (Bruce Wheeler, Trustee), Goddard Consulting, LLC (representative) is hereby submitting this Notice of Intent (NOI) application for a 141-unit Active Adult Community Residential project. Work within jurisdictional areas (Wetlands, Buffer Zone, Riverfront, Land Under Water Bodies, Bordering Land Subject to Flooding) includes grading, retaining walls, access roads, stream and wetland crossings, flood storage, wetland replication, stormwater management and the preservation of open meadow land.

This NOI application is a filing under the MA Wetlands Protection Act (WPA) and the Town of Stow's Wetland Bylaw and describes existing conditions, proposed conditions, resource areas present on site, and project compliance with the Massachusetts Wetlands Protection Act and Stow's Wetland Bylaw and Regulations. One original and four copies of the NOI submittal along with 5 copies of the plans and have been submitted for your review, along with a digital/online submittal via drop box link. A list of enclosed documents is as follows:

- NOI Application (WPA Form 3)
- Copy of checks
- NOI checklist
- Project Narrative explaining impacts, mitigation and compliance with state and local laws
- Certified Abutters List
- Affidavit of Service
- Notification to Abutters (copy to be supplied by Conservation prior to mailing)
- Certificate of Mailing will be provided to Commission once completed
- Stormwater Management Report, dated June 29, 2023, prepared by Stamski and McNary, Inc.
- Site Plans: The Cottages at Wandering Pond and Active Adult Neighborhood Stow, MA, by Stamski and McNairy, Inc. last revised July 6, 2023. 76 page NOI plan set.
- ORAD
- FEMA Flood Map

Sincerely,

Goddard Consulting, LLC.

Nicole Hayes, PWS Senior Wetland Scientist

Cc: Bruce Wheeler, 148 Park St, N. Reading, MA 01864 Stamski and Mcnary, Inc. 1000 Main St, Acton, MA 01720 MassDEP Central Region, 8 New Bond Road, Worcester, MA 01606



WPA Form 3 - Notice of Intent

A General Information

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

Prov	vided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	Stow

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.

Athens Street	Stow	01775	
a. Street Address	b. City/Town	c. Zip Code	
latituda and Lanaituda.	42.42168	-71.54053	
Latitude and Longitude:	d. Latitude	e. Longitude	
Map R02	Lots: 1A,3,4,5,6	5,18,19, 20-7	
f. Assessors Map/Plat Number	g. Parcel /Lot Numb	per	
2. Applicant:			
Bruce	Wheeler, Tru	ıstee	
a. First Name	b. Last Name		
Cottages of Wandering Pond Reality	Trust		
c. Organization			
148 Park Street			
d. Street Address			
North Reading	MA	01864	
e. City/Town	f. State	g. Zip Code	
978-664-3266	bwheeler@habitechinc.com		
h. Phone Number i. Fax Number	j. Email Address		
Property owner (required if different f	from applicant):	if more than one owner	
a. First Name	b. Last Name		
c. Organization			
d. Street Address			
e. Citv/Town	 f. State	g. Zip Code	

4. Representative (if any):

h. Phone Number

Scott		Goddard	
a. First Name		b. Last Name	
Goddard Consulting			
c. Company			
291 Main St, Suite 8			
d. Street Address			
Northboro		MA	01532
e. City/Town		f. State	g. Zip Code
1-508-393-3784		scott@goddardcons	sultingllc.com
h. Phone Number i. Fax Number		j. Email address	

j. Email address

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

i. Fax Number

\$30,975.00	\$15,475.00	\$15,500.00 and \$787.25
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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

rov	rovided by MassDEP:	
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	City/Town	

A.	General Information (continued)			
6.	General Project Description:			
	141 unit Active Adult Community Residence (127 houses and 7 duplexs)			
7a.	Project Type Checklist: (Limited Project Types see	Section A. 7b.)		
	1. Single Family Home	2. Residential Subdivision		
	3. Commercial/Industrial	4. Dock/Pier		
	5. Utilities	6. Coastal engineering Structure		
	7. Agriculture (e.g., cranberries, forestry)	8. Transportation		
	9. Other			
7b.	Is any portion of the proposed activity eligible to be			
	Restoration Limited Project) subject to 310 CMR 10	oded project applies to this project. (See 310 CMR		
		plete list and description of limited project types)		
	2. Limited Project Type			
	If the proposed activity is eligible to be treated as an CMR10.24(8), 310 CMR 10.53(4)), complete and at Project Checklist and Signed Certification.			
8.	Property recorded at the Registry of Deeds for:			
	Middlesex			
	a. County 32202/73006/73077/64918	b. Certificate # (if registered land) 295/546/274/352		
	c. Book	d. Page Number		
В.	Buffer Zone & Resource Area Impa	acts (temporary & permanent)		
1.	☐ Buffer Zone Only – Check if the project is locate			
2.	Vegetated Wetland, Inland Bank, or Coastal Re Inland Resource Areas (see 310 CMR 10.54-10 Coastal Resource Areas).			
	Check all that apply below. Attach narrative and any project will meet all performance standards for each			

standards requiring consideration of alternative project design or location.



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

Resource Area		Size of Proposed Alteration	Proposed Replacement (if any)	
a. 🛛 Bank		314 If	394 If	
	i. iiriear ieet		2. linear feet	
b. 🛚	Bordering Vegetated	Temp: 1854 sf Perm: 2118 sf	Temp:1854. Perm: 3,430sf	
	Wetland	1. square feet	2. square feet	
c. 🛛	Land Under	1254 sf	2,266 sf	
C. 🔼	Waterbodies and	1. square feet	2. square feet	
	Waterways	0		
	vatorwayo	3. cubic yards dredged		
Resour	ce Area	Size of Proposed Alteration	Proposed Replacement (if any)	
d. 🖂	Bordering Land	1100	2143	
u. 🖂	Subject to Flooding	1. square feet	2. square feet	
	casjeer to 1 leeaning	2336	2587	
		3. cubic feet of flood storage lost	4. cubic feet replaced	
е. П	Isolated Land	•	·	
о. Ш	Subject to Flooding	1. square feet		
	,			
		2. cubic feet of flood storage lost	3. cubic feet replaced	
- 🖂	D' - for al A	inland		
f. 🛚	Riverfront Area	1. Name of Waterway (if available) - sp	ecify coastal or inland	
2. Width of Riverfront Area (check one):				
25 ft Designated Densely Developed Areas only				
	☐ 100 ft New agricu	Itural projects only		
	☐ 100 ft New agricu	iturai projects orny		
	200 ft All other pro	ojects		
			. 803.043	
3.	Total area of Riverfront A	rea on the site of the proposed proje	ect: Square feet	
4. Proposed alteration of the Riverfront Area:				
	·		160 625	
	7,659	b. square feet within 100 ft.	168,635 c. square feet between 100 ft. and 200 ft.	
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				
☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)				
Note: for coastal riverfront areas, please complete Section B.2.f. above.				
11010.	ioi oodotai iivoiiioiit alba	o, piodoc compicio occion bizil . d	~~·~.	

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.



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

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your
document
transaction
number
(provided on your
receipt page)
with all
supplementary
information you
submit to the
Department.

4.

5.

Resource Area		Size of Proposed	d Alteration	Proposed Replacement (if any)
a. Designated Port Areas		Indicate size un	nder Land Under	r the Ocean, below
b. 🗌	Land Under the Ocean	1. square feet		
		2. cubic yards dredge	ed	
c. 🗌	Barrier Beach	Indicate size und	ler Coastal Bead	ches and/or Coastal Dunes below
d. 🗌	Coastal Beaches	1. square feet		2. cubic yards beach nourishment
е. 🗌	Coastal Dunes	1. square feet		2. cubic yards dune nourishment
		Size of Proposed	d Alteration	Proposed Replacement (if any)
f.	Coastal Banks	1. linear feet		
g. 🗌	Rocky Intertidal Shores	1. square feet		
h. 🗌	Salt Marshes	1. square feet		2. sq ft restoration, rehab., creation
i. 🗌	Land Under Salt Ponds	1. square feet		
		2. cubic yards dredge	ed	
j. 🗌	Land Containing Shellfish	1. square feet		
k. 🗌	Fish Runs			ks, inland Bank, Land Under the er Waterbodies and Waterways,
		1. cubic yards dredge	ed	
I. 🗌	Land Subject to Coastal Storm Flowage	1. square feet		
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. squar	a. square feet of BVW		b. square feet of S	salt Marsh
⊠ Pr	oject Involves Stream Cros	ssings		
0 a. numb	per of new stream crossings		b. number of repla	cement stream crossings
a. Humber of new stream crossings				J -



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Prov	ided by MassDEP:
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	Stow
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		404 040	Document Transaction Number		
VIE	ssachusetts Wetlands Protection Act M.G.L	c. 131, §40	Stow		
_	Other Applicable Standards and B	oguiromonto	City/Town		
٠.	Other Applicable Standards and Ro	equirements			
	☐ 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).				
Str	eamlined Massachusetts Endangered Specie	es Act/Wetlands P	rotection 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 <i>Massachusetts Natural Heritage Atlas</i> or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm .				
	a. Yes No If yes, include proof of ma	ailing or hand delive	ery of NOI to:		
	Natural Heritage and Enc Division of Fisheries and 1 Rabbit Hill Road Westborough, MA 0158	d Wildlife	gram		
	If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).				
	c. Submit Supplemental Information for Endangered	Species Review*			
	Percentage/acreage of property to be all	tered:			
	(a) within wetland Resource Area	percentage/acreage			
	(b) outside Resource Area	percentage/acreage			
	2. Assessor's Map or right-of-way plan of s	site			
2.	Project plans for entire project site, including we wetlands jurisdiction, showing existing and proposed tree/vegetation clearing line, and clearly demarcated	d conditions, existing			
	(a) Project description (including description buffer zone)	n of impacts outside	of wetland resource area &		
	(b) Photographs representative of the site				

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^{*} Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see https://www.mass.gov/maendangered-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.



3.

Massachusetts Department of Environmental ProtectionBureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

rovided by MassDEP:	
MassDEP File Number	
Document Transaction Numb	er
Stow City/Town	
City/Town	

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

Make o	(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 <i>mail to NHESP</i> at above address		
Projects	s altering 10 or more acres of land, also subn	nit:	
(d)	Vegetation cover type map of site		
(e)	Project plans showing Priority & Estimat	ed Habitat boundaries	
(f) OF	R Check One of the Following		
1. 🗌	https://www.mass.gov/service-details/ex	MESA exemption applies. (See 321 CMR 10.14, emptions-from-review-for-projectsactivities-in- at to NHESP if the project is within estimated 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" deter Permit with approved plan.	mination or valid Conservation & Management	
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 a	applicable – project is in inland resource a	rea only b. 🗌 Yes 🗌 No	
If yes, inclu	de proof of mailing, hand delivery, or elec	ctronic 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		North Shore Office Attn: Environmental Reviewer 30 Emerson Avenue Gloucester, MA 01930	
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 t	his an aquaculture project?	d. ☐ Yes ☐ No	
If yes, inclu	ide a copy of the Division of Marine Fishe	ries Certification Letter (M.G.L. c. 130, § 57).	

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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

rovided by MassDEP:	
	MassDEP File Number
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	Stow
	City/Town

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

	4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
Online Users: Include your document		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.
transaction number		b. ACEC
(provided on your receipt page) with all	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?
supplementary information you		a. 🗌 Yes 🗵 No
submit to the Department.	6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, \S 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, \S 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. Substituting 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.)

to the boundaries of each affected resource area.

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

2.



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

Prov	rovided by MassDEP:	
	MassDEP File Number	
	Document Transaction Number	
	Stow City/Town	
	Git, i Gitti	

D.

D.	D. Additional Information (cont'd)			
	3. A Identify the method for BVW and other resource area boundary delineations (MassDEP BVV Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc. and attach documentation of the methodology.			
	4. \(\times \) List the titles and dates for all plans and other materials submitted with this NOI.			
	The	e Cottages at Wandering Pond an Active Adu	ılt Neighborhood	
		lan Title		
		mski and Mcnary, Inc	George Dimakarakos	
	b. P	repared By	c. Signed and Stamped by	
		y 6, 2023	varies	
	d. F	inal Revision Date	e. Scale	
	f. Ac	Iditional Plan or Document Title	g. Date	
	5.	If there is more than one property owner, ple listed on this form.	ease attach a list of these property owners not	
	6.	Attach proof of mailing for Natural Heritage	and Endangered Species Program, if needed.	
	7.	Attach proof of mailing for Massachusetts D	ivision of Marine Fisheries, if needed.	
	8. 🛛	Attach NOI Wetland Fee Transmittal Form		
	9. 🛛	Attach Stormwater Report, if needed.		
E.	Fees			
	1		I for projects of any city, town, county, or district Indian tribe housing authority, municipal housing ortation Authority.	
		nts must submit the following information (in	addition to pages 1 and 2 of the NOI Wetland	
	1137 8/28/23			
		pal Check Number	3. Check date	
	1138		8/28/23	
		Check Number	5. Check date	
	Cottage	es at Wandering Pond LLC	Bruce Wheeler	
	6. Payor name on check: First Name 7. Payor name on check: Last Name			



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
	Stow City/Town
	City/ TOWIT

F. Signatures and Submittal Requirements

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

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

1. Signature of Applicant	2. Date	
3. Signature of Property Owner (if different)	4. Date	
5. Signature of Representative (if any)	6. Date	

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





 Location of Proje 	Location of Project:				
Athens Street		Stow			
a. Street Address		b. City/Town			
1138		\$15,475.00			
c. Check number		d. Fee amount			
2. Applicant Mailing	Address:				
Bruce		Wheeler, Trustee			
a. First Name		b. Last Name			
Cottages at Wan	dering Pond Realty Trust				
c. Organization	<u> </u>				
148 Park St					
d. Mailing Address					
North Reading		MA	01864		
e. City/Town		f. State	g. Zip Code		
978-664-3266		bwheeler@habitechinc.co	m		
h. Phone Number	i. Fax Number	j. Email Address			
. Property Owner	(if different):				
a. First Name		b. Last Name			
c. Organization					
d. Mailing Address					
e. City/Town		f. State	g. Zip Code		
h. Phone Number	i. Fax Number	i. Email Address			

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

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.



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
4A 3 wetland crossings in riverfront	3	1450 x1.5	6,525.00
3C roadways (2 in Riverfront)	4 (3 x 1.5)	1050.00	5,775.00
3B building	1	1050.00	1050.00
2A single family house in riverfront	6 x1.5	500.00	4,500.00
3A Duplex (2) in riverfront	2 X1.5	1050.00	3,150.00
2G discharges	8 (5 in	500.00	5,250.00
3B pool house, pickleball, playground	riverfront) 3 in riverfront	1050.00	4725.00
	Step 5/T	otal Project Fee:	30,975.00

Step 6/Fee Payments:

Total Project Fee: 30,975.00

a. Total Fee from Step 5

State share of filing Fee: $\frac{15,475.00}{10,107 \text{ Total F}}$

b. 1/2 Total Fee **less \$**12.50

15,500.00

City/Town share of filling Fee: 13,300.00 c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection Box 4062 Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

READING CO-OPERATIVE BANK READING/WILMINGTON: MA

COTTAGES AT WANDERING POND, LLC

148 PARK STREET NORTH READING, MA 01864

53-7240/2113

DATE

AMOUNT

08/28/2023

\$

*787.25

PAY

SEVEN HUNDRED EIGHTY-SEVEN AND 25/100 DOLLARS

TO THE ORDER OF TOWN OF STOW PO BOX 1072

MEDFORD MA 02155

Simile

THIS DOCUMENT CONTAINS HEAT SENSETIVE PIRK. TOUCH OR PRESS HERE - RED BAGGE DEAPPEARS WITH HEAT

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPIENTED BOI

AUTHORIZED SIGNATURE

COTTAGES AT WANDERING POND, LLC
148 PARK STREET
NORTH READING, MA 01864

READING CO-OPERATIVE BANK READING/WILMINGTON, MA

53-7240/2113

AMOUNT

1137

08/28/2023

DATE

\$

*15.500.00

PAY

EXACTLY FIFTEEN THOUSAND FIVE HUNDRED DOLLARS

TO THE ORDER OF TOWN OF STOW PO BOX 1072 MEDFORD MA 02155

3mm

THIS DOCUMENT CONTAINS HEAT SENSITIVE BIC. TOUCH OR PRESS HERE - RED MAGE DISAPPEARS WITH HEAT.

IGINAL DOCUMENT PRINTING ON CHEMICAL REACTIVE PAPER WITH MICHOPRINTED BORDIN

AUTHORIZED SIGNATURE

#OO 1137# #211372404# 2600367682#

READING CO-OPERATIVE BANK READING/WILMINGTON, MA 1138

COTTAGES AT WANDERING POND, LLC

148 PARK STREET NORTH READING, MA 01864

53-7240/2113

DATE

AMOUNT

08/28/2023

\$

*15,475.00

EXACTLY FIFTEEN THOUSAND FOUR HUNDRED SEVENTY-FIVE DOLLARS

TO THE ORDER OF

PAY

COMMONWEALTH OF MASSACHUSETTS

Cirries (Circum)

THIS DOCUMENT CONTAINS HEAT SENSITIVE WIR. TOUCH OR PRESS HERE - RED MAGE DISAPPEARS WITH HEAT.

AUTHORIZED SIGNATURE

Goddard Consulting, LLC

291 Main Street, Suite 8

Northborough, MA 01532
508-393-3784

Pay to the Stow Independent IS 65.00

Sixty Five dellaw Dollars Dollars Dollars

AVIDIA BANK
Hudson, MA

For Athers St NOI Stow Alaw Level MA

1: 2113705291: 31 62350711 5500



Town of Stow Conservation Commission

380 Great Road Stow, Massachusetts 01775 (978) 897-8615 FAX (978) 897-4534 conservation@stow-ma.gov

Notice of Intent & Abbreviated Notice of Intent Application Checklist

Please note that the Commission generally meets on the 1st and 3rd Tuesday of each month and agendas are filled in the order applications are received. Applications must be received approximately three weeks before the scheduled hearing to allow time for legal notices. Contact the Commission at 978-897-8615 or conservation@stow-ma.qov to confirm available hearing dates and deadlines or if you would like to go over the application requirements and forms. Also please note that there is a 10 business day appeal period from the issuance of the decision before you are permitted to start work on your project. Links to forms are on our website at www.stow-ma.qov/conservation-commission. You will generally need 6 copies of application materials – see below for where they go.

Application Submittals - To the Stow Conservation Commission by hand delivery or Certified Mail:

1 <u>unbound</u> original and 4 copies of completed **DEP Notice of Intent** and **narrative**, and the following as appropriate: **stormwater report**, **drainage calculations**, **waiver requests** (link to <u>NOI form</u> on website)

✓ 5 copies of Site Plan(s)
1 copy of NOI Fee Transmittal Form (available on DEP's website) 1 copy of USGS Locus Map showing Property Location within Stow - Locus maps can be made at MassGIS's OUVER mapping site at http://maps.massgis.state.ma.us/map.el/oliver.php
1 copy of USGS Locus Map showing Property Location within Stow - Locus maps can be made at
/ MassGIS's OLIVER mapping site at http://maps.massgis.state.ma.us/map_ol/oliver.php
1 copy of Certified List of Abutters
(NOTE: The Assessors may take up to 10 days to process requests for abutter lists and charge a
fee for lists. You can request a list from the Assessing Office at Town Building)
You are required to mail abutters either using a Certificate of Mailing from the Post Office or via certified mail. When your application is ready contact the Commission and we can provide the one page notification of date/time/place of public hearing. Proof of mailing must be provided at or before the public hearing.
1 copy of Affidavit of Mailing to Abutters Form (on Conservation Commission website)
<u>✓ Check to Stow Independent for \$65</u> (we will take care of placing the legal notice in the paper)
✓ Check to Town of Stow for Local Portion of State Wetlands Protection Act Fee
Check to Town of Stow for <u>Local</u> Wetlands Bylaw Fee
$\underline{\checkmark}$ 1 copy of DEP check (State Portion of State Wetlands Protection Act Fee) with account information redacted
Application Submittals - To DEP Central Regional Office at 8 New Bond Street, Worcester MA 01606 01606 and via
email to CERO NOI@mass.gov:
1 copy of completed DEP Notice of Intent, narrative, stormwater report, drainage calculations, and
other information as appropriate
1 copy of Site Plan(s)
1 copy of USGS Locus Map showing Property Location within Stow
1 copy of Certified Abutters List
1 copy of Affidavit of Mailing to Abutters Form 1 copy of NOI Fee Transmittal Form
1 copy of DEP check (State Portion of State Wetlands Protection Act Fee)
Email 1 scanned copy of the above to DEP at <u>CERO_NOI@mass.gov</u> with the subject line STOW – NOI – Street
Address - Applicant Name
Application Submittals - To DEP lock box DEP, Box 4062, Boston MA 02211:
NOI Fee Transmittal Form

ABUTTERSLIST

299	68045	01775	MA	WOLS	190 MAPLE ST	KILMARTIN CELESTE	KILMARTIN JEREMIAH	190 MAPLE ST	000R-2 0020-9
352	64918	01864	MA	NORTH READING	148 PARK ST	COTTAGES AT WANDERING POND REALTY TR	WHEELER, BRUCE D. (TRUSTEE)	0 MAPLE ST	000R-2 0020-7
16	30437	01720	ΑM	ACTON	2 SCHOOL ST		ASHLEY DEVELOPMENT LLC	OFF KETTELL PLAIN RD	000R-2 001G-3
87	51808	01775	NA	STOW	PO BOX 397		STOW CONSERVATION TRUST, INC.	0 GOSHEN LN #OFF	000R-2 00019A
16	30437	01720	MA	ACTON	2 SCHOOL ST		WHISPERING WOODS HOMEOWNERS ASSC	OKETTELL PLAIN RD	000R-2 00016D
206	44599	01775	MA	STOW	P0 BOX 397		STOW CONSERVATION TRUST, INC.	0 MAPLE ST #OFF	000R-2 000020
295	32202	01749	MA.	HUDSON	36 PARMENTER ROAD		EFMC ASSOCIATES LIMITED PARTNERSHIP	0 GOSHEN LN	000R-2 00001A
295	32202	01749	MA	NOSQUH	36 PARMENTER ROAD		EFMC ASSOCIATES LIMITED PARTNERSHIP	0 GOSHEN LN OFF	000R-2 000019
295	32202	01749	NIA	NOSQUH	36 PARMENTER ROAD		EFMC ASSOCIATES LIMITED PARTNERSHIP	0 GOSHEN LN	000R-2 000018
172	26499	01864	MA	NORTH READING	148 PARK ST	GOSHEN LANE REALTY TRUST	GALLAGHER III, GEORGE E. (TRUSTEE)	0 GOSHEN LN	000R-2 000005
295	32202	01749	MA	NOSOUH	36 PARMENTER ROAD		EFMC ASSOCIATES LIMITED PARTNERSHIP	0 GOSHEN LN	000R-2 000003
PAGE	BOOK	CODE	SIAIE	9	MAIUNG ADDRESS	OWNER NAME 2	OWNER NAME 1	PROPERTY LOCATION	MAP/PARCEL
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ABUTTERS LIST 217 HUDSON RD MAP R-2 PARCEL 6

Page 1 c

ABUTTERS LIST 0 GOSHEN LN MAP R-2 PARCEL 5

AP/PARCEL 000003	PROPERTY LOCATION 0 GOSHEN LN	OWNER NAME 1 EFMC ASSOCIATES LIMITED PARTNERSHIP	OWNER NAME 2	MAILING ADDRESS 36 PARMENTER ROAD	CITY	STATE	ZIP CODE 01749	
000R-2 000004	0 ATHENS ST	GALLAGHER III, GEORGE E. (TRUSTEE)	GOSHEN LANE REALTY TRUST	148 PARK ST	NORTH READING		MA	MA 01864
000R-2 000005	0 GOSHEN LN	GALLAGHER III. GEORGE E. (TRUSTEE)	GOSHEN LANE REALTY TRUST	148 PARK ST	NORTH READING		MA.	MA 01864
000R-2 000018	0 GOSHEN LN	EFMC ASSOCIATES LIMITED PARTNERSHIP		36 PARMENTER ROAD	NOSON		MM	MA 01749
000R-2 00016D	0 KETTELL PLAIN RD	WHISPERING WOODS HOMEOWNERS ASSC		2 SCHOOL ST	ACTON		MA	MA 01720
000R-2 001G-3	OFF KETTELL PLAIN RD	ASHLEY DEVELOPMENT LLC		2 SCHOOL ST	ACTON		N1,A	MA 01720
000R-2 0020-7	0 MAPLE ST	WHEELER, BRUCE D. (TRUSTEE)	COTTAGES AT WANDERING POND REALTY TR	148 PARK ST	NORTH READING		KIA.	KIA 01864
000R-2 01GA-6	68 KETTELL PLAIN RD	RICKETTS ROBERT J	RICKETTS BENITA C	68 KETTELL PLAIN RD	STOW		MA	MA 01775
000R-2 16A-12	88 KETTELL PLAIN RD	STEVENSON CHARLES N	STEVENSON JONI B	BB KETTELL PLAIN RD	WOIS		MA	MA 01775
000R-2 16A-13	84 KETTELL PLAIN RD	AOUN CHARLES M	AOUN ELIZABETH P	84 KETTLE PLAIN RD	STOW		MA	MA 01775
000R-2 16A-14	78 KETTELL PLAIN RD	AJGAONKAR KAMLAKAR O	AJGAONKAR VIRA	78 KETTELL PLAIN ROAD	WOTS		MA	MA 01775
000R-3 000016	688 GREAT RD	BOSE CORPORATION		THE MOUNTAIN MS#6B1	FRAMINGHAM		MA	MA 01701
000R-3 000018	50 OLD BOLTON RD	WOTS 70 NWQT		380 GREAT RD	STOW		MA	MA 01775
000R-3 00027A	114 MAPLE ST	FULFORD, ADAM	FULFORD, LESLEY A.	114 MAPLE ST	WOIS		N.A	MA 01775
000R-3 023B-3	OFF MAPLE ST	MOSELEY PHILIP B & ELIZABETH A TR	KETTELL FARM REALTY TRUST	32 MAPLE ST	STOW		N.A.	MA 01775

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. 9	67710		WOAS	USHEATHER LN	THE CHRISTINE A CONNER TRUST	CONNER CHRISTINE A TTEE	38 HEATHER LN	00R-10 00057G
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en a	1111111		STOW	GREATER	SCHWARTZ ANA LUISA	SCHWARTZ RICHARD NEAL	34 HEATHER LN	00H-10 00055G
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9	08810	MA	WESTF	/ ROBINSON RD		MORTENSON, ALICE L. (ESTATE OF)	22 HEATHER LN	OBR-10 00051G
	01775		WOIS	20 HEATHER LN		CAROL ANN BAER	20 HEATHER LN	D05000 01-900
<u>.</u>	67710		SHOW	18 HEATHER LN UNIT 49	MASON CHRISTINE & MOLA FRANK M TRS	MOLA FAMILY TRUST	18 HEATHER LN	00R-10 00049G
638	01775		MOIS	14 HEATHER LN	DILANNI_KIMBERLY	DILANNI, JOHN D.	14 HEATHER LN	00R-10 00048G
5	200000		MOIS	12 HEATHER LN UNIT 47	BOMBARDIERI MERLE A	BOMBARDIERI ROCCO A	12 HEATHER LN	00R-10 00047G
2 4	CELLIO.		5108	10 HEATHER LN	TRASK JEANNE M	TRASK PETER M	10 HEATHER LN	00R-10 0004GG
د د	01175	-	STOR	15 HEATHER LANE UNIT 45	KUSTOM DOLORES C TRUSTEE	KUSTOM DOLORES LIVING TRUST	15 HEATHER LN	00R-10 00045G
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2 E	01775		510%	23 HEATHER LT UNIT 42	OWERS MARTIN & BARBARA WOLFENDEN TRS	OWENS MARTIN F TRUST	23 HEATHER LN	00R-10 00042G
2 :	01775		STOW	25 HEATHER LITURITIES	BELTZ SHRLEY J	BELTZ PHILIP R	25 HEATHER LN	00R-10 00041G
i i	01775		MOIS	27 HEATHER LANE UNIT 40	SCHAUBHUT KAREN A	SCHAUBHUT RALPH GORDON	27 HEATHER LN	00R-10 R0040G
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£ 9:	67710		SIOW	33 HEATHER LIN		HEBERTLORNA	SHEATHEREN	009-10 00037G
= =	CAME		WOIS	35 HEATHER LTS		SHAOSONG ZHANG	35 HEATHER LN	DOR-10 00036G
٠	0.7770		WOIS	PO BOX 253	HEATHER LANE REALTY TRUST	HOLBROOK CAROLYN L LE & JOHN A LE	37 HEATHER LH	00R-10 00035G
	67740		WOIS	39 HEATHER LIN UNIT 34	LEONARD ROBERT E & SHEILA-BETH TRS	LEGNARD THE ROBERT & SHIELA LIVING TR	30 HEATHER LN	00R-10 00034G
	67770		WOrk	45 HEATHER LANE	BERNARD NANCY M, TTEE	BERNARD NANCY M REV TRUST	45 HEATHER LN	00R-10 00033G
	67710		WOIS	47 HEATHER LANE UNIT 32	GANNON MARCIA S TRUSTEE	GAMNON TRUST	47 HEATHER LN	00R-10 00032G
: %	01773		WOIS	PO BOX 845	MYERS FREDERICK J.A. THECKLA F MYERS TRS	MYERS FAMILY LIVING TRUST	ABHEATHERLN	00R-10 00031G
: %	67710		STOW	51 HEATHER LANE	VASSILOVSKI JUDITH	VASSILOVSKI AMIEL	51 HEATHERLIN	00R-10 00030G
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	MURPHY CHARLES H REVOCABLE LIVING TR AARONSON CHARLES D MASCOTT CHARLES D VANO, DENNIS ANTHONY & PATRICIA JEANNE	44 ARBOR GLEN DR	00R-10 0001GG
	MURPHY CHARLES H REVOCABLE LIVING TR AARONSON CHARLES D MASCOTT CHARLES D	42 ARBOR GLEN DR	00R-10 00015G
	MURPHY CHARLES H REVOCABLE LIVING TR AARONSON CHARLES D	40 ARBOR GLEN DR	00R-10 00014G
	MURPHY CHARLES H REVOCABLE LIVING TR	39 ARBOR GLEN DR	00H-10 00013G
	MURPHY CHARLES H REVOCABLE LIVING TR		
SAGK, SALLY A SPRING, MEGHAN HEYDT KATHLEEN L		36 ARBOR GLEN DR	00R-10 00012G
SACK, SALLY A SPRING, MEGHAN	HEYDT MITCHELL A	THE ARROW GLEN OR	001100 0011G
SACK, SALLY A	STREFF, CHARLES EDWARD (LIFE EST.)	W ARBOR GLEN DR	004-10 0000G
111111111111111111111111111111111111111	SACK, DANIEL J	30 ARBOR GLEN DR	DOB-10 00004G
JOHNSON FREDERICK C & JOAN A TRS	JOHNSON FAMILY REVOCABLE TRUST	28 ARBOR GLEN DR	00R-10 00008G
CHABOT ANNE J	CHABOT RICHARD L	26 ARBOR GLEN DR	00R-10 00007G
DELUTY ANN LITE	DELUTY ANN L LIVING TRUST	24 ARBOR GLEN DR	00R-10 00006G
	MCMAHON MANCY R	22 ARBOR GLEN DR	00R-10 00005G
LEVEY JANICE	LEVEY SAWFORD	20 ARBOR GLEN DR	00R-10 00004G
	WIECHMANN TERRY	18 ARBOR GLEN DR	00R-10 00003G
	MCDQNNELL EILEEN T	16 ARBOR GLEN DR	00R-18 00002G
	TERRY, RUTH A P.	14 ARBOR GLEN DR	00R-10 00001G
		ROUGHLES ST	THURS CANONI
	BOSE CORPORATION	GRA GREAT RD	Studen traudo
SIR HONOPUE	TANG CAILIN	155 HUDSON RD	CAUSE COUNT
VADLA, SHIVA PRASAD	MAHESHWARAN SRUTH	197 HUDSON RD	000R-2 010A-2
	PHOENIX DANIEL .	199 HUOSON RD	000R-2 010A-1
	HALPERN JOHN H	743 HUDSON RD	DOGR-2 000015
WOOD MAURICE J S TTE WOOD KATHERINE J TTE	THE JAMES AND KATHERINE WOOD LT U/A	147 HUDSON RD	0008-2 000014
JOAN M DUCH	DUCHI KENNETH	209 RUOSON RD	0008-2 000007
D BRUCE WHEELER TRUSTEE	ATHENS STREET REALTY TRUST	217 HUDSON RD	000R-2 00000G
GOSHEN LANE REALTY TRUST	GALLAGHER III, GEORGE E. (TRUSTEE)	O GOSHENLN	U00R-2 000005
GOSHEN LANE REALTY TRUST	GALLAGHER III. GEORGE E (TRUSTEEI	O ATHENS ST	0009-2 000004
	EFMC ASSOCIATES LIMITED PARTNERSHIP	0 GOSHENLN	0008-2 000003
OWNER NAME 2	OWNER NAME 1	PROPERTY LOCATION	MAP/PARCEL
1 1	OWNER NAME 2 GOSHEN LANE REALTY T GOSHEN LANE REALTY T D BRUCE WHEELER TRI JOAN M I WOOD MAURICE J S TTE, WOOD KATHERINE WOOLA, SHIVA PR SHI HON	GOSHEN LANE REALTY T GOSHEN LANE REALTY T GOSHEN LANE REALTY T D BRUCE WHEELER TRI JOAN M I WOOD MAURICE J S TTE, WOOD KATHERINE WOOD MAURICE J S THE WOOD KATHERINE SHI HON	HENLIN EFMC ASSOCIATES LIMITED PARTNERSHIP GOSHEN LANE REALTY T GALLAGHER III. GEORGE E (TRUSTEE) GOSHEN LANE REALTY T GALLAGHER III. GEORGE E (TRUSTEE) GOSHEN LANE REALTY T SON RD ATHENS STREET REALTY TRUST SON RD ATHENS STREET REALTY TRUST DUCHI KENNETH DUCHI KENNETH SON RD THE JAMES AND KATHERINE WOOD LT U/A PHOENIX DAYNEL J SON RD THE JAMES AND KATHERINE WOOD LT U/A PHOENIX DAYNEL J SON RD THE JAMES AND KATHERINE WOOD LT U/A PHOENIX DAYNEL J SON RD TANG GALLRI BOSE CORPORATION TERRY, RUTH A P. LERRY, RUTH A P.

MAP/PARCEL

PROPERTY LOCATION

225 HUDSON RD

O GOSHEN LN 0 GOSHEN LN **0 ATHENS ST**

GALLAGHER III, GEORGE E. (TRUSTEE) GALLAGHER III, GEORGE E. (TRUSTEE)

ATHENS STREET REALTY TRUST

GOSHEN LANE REALTY TRUST D BRUCE WHEELER TRUSTEE GOSHEN LANE REALTY TRUST

36 PARMENTER ROAD

NORTH READING

NOSON

ΑN MA

01749 01864 01864

01775

69465

STOW

225 HUDSON RD

9

STATE

ZIP

DEED

Page 1 o

CODE BOOX

PAGE DEED

JOAN M DUCHI

DUCH! KENNETH

000R-2 00016D

000R-2 0020-7 000R-2 001G-3 000R-2 0001-2 000R-2 0001-1

OFF KETTELL PLAIN RD

OKETTELL PLAIN RD

WHISPERING WOODS HOMEOWNERS ASSC CPI RADANT TECHNOLOGIES DIVISION INC **EFMC ASSOCIATES LIMITED PARTNERSHIP** EFMC ASSOCIATES LIMITED PARTNERSHIP

ALBANY ROAD-STOW LLC

WHEELER, BRUCE D. (TRUSTEE) ASHLEY DEVELOPMENT LLC

COTTAGES AT WANDERING POND REALTY TR

MASSUCCI TABATHA A STEVENSON JONI B

89 KETTELL PLAIN ROAD

88 KETTELL PLAIN RD

STOW

01775 01775 01864 01720 01720 01775 01581 01749 01749 01775 01864

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C/O COMMUNICATION & POWER INDS LLC

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MAP R-2 PARCEL 20-7	OMAPLEST

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Town of Stow Conservation Commission

380 Great Road Stow, Massachusetts 01775 (978) 897-8615 FAX (978) 897-4534 conservation@stow-ma.gov

Affidavit of Service Under the Massachusetts Wetlands Protection Act and the Town of Stow Wetlands Bylaw

(to be submitted to Stow Conservation Commission and MA Departs Protection when filing a Notice of Intent or Request for De	•
1, Micole Hayes (name), hereby certify	
penalties of perjury that on 9-18-23 (date of maili	ng), I gave notification
to abutters in compliance with the second paragraph of Massachusetts	General Laws Chapter
131, Section 40 and/or the Stow Wetlands Bylaw, in connection with	the following matter:
Request for Determination (via regular mail) Abbreviated Notice of Resource Area Delineation (via certified mail or certificate of mailing) Notice of Intent (via certified mail or certificate of mailing)	
For property located at: Athens St / Hudson Ro	-c d
Mush Hz Date	;

NOTES TO USERS

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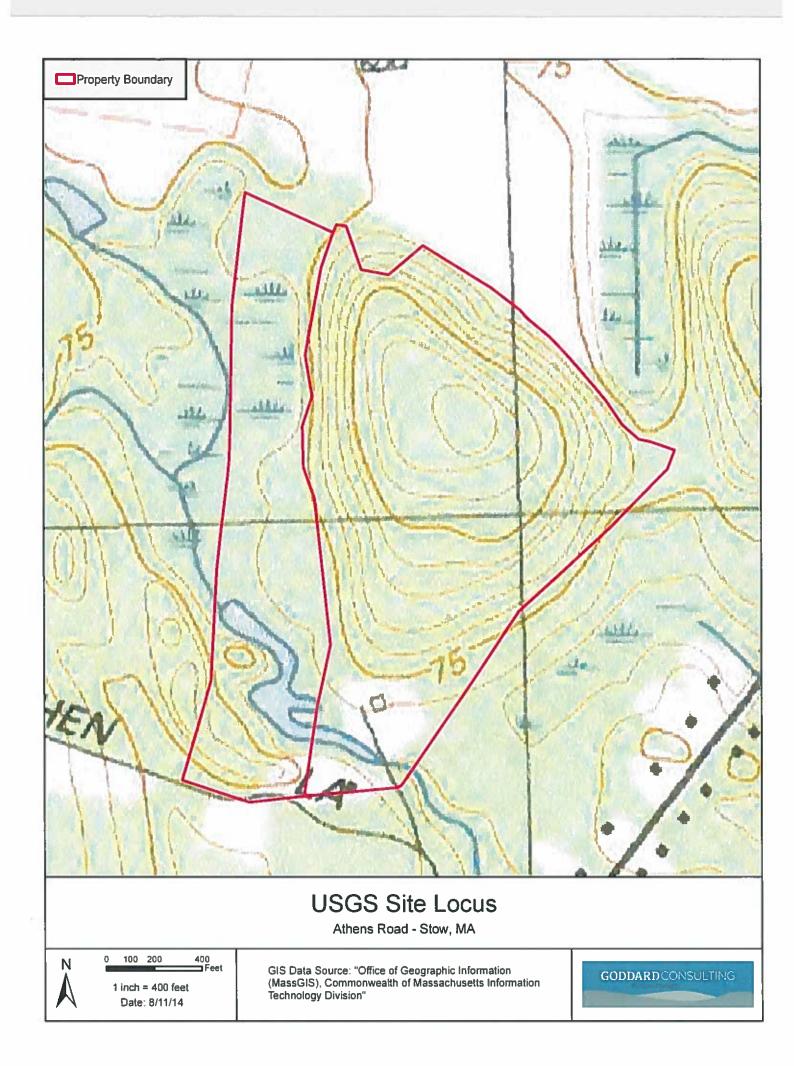
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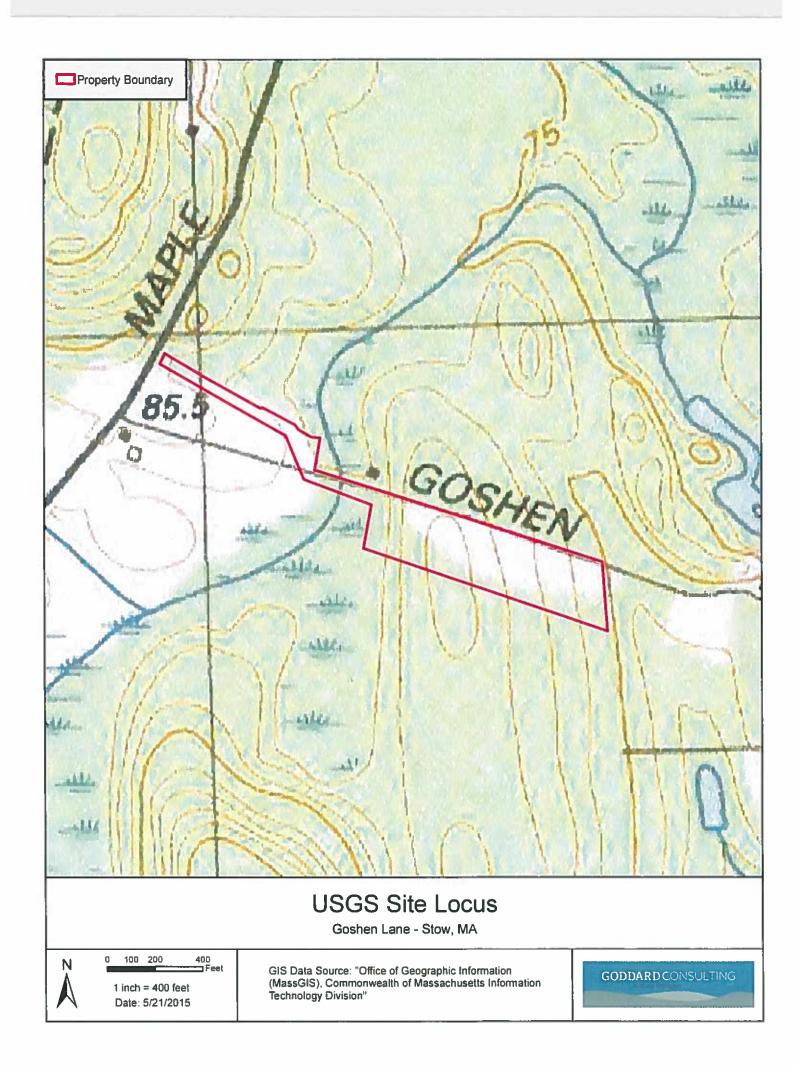
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NATIONAL FLOOD INSURANCE PROCES

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	M:	assachusetts Department of Environt ureau of Resource Protection - Wetland VPA Form 4B — Order of Delineation assachusetts Wetlands Protection Ac General Information	nds Reso on	urce Area	Provided by MassDEP: 299-696 MassDEP File Number eDEP Transaction Number Stow City/Town
Important: When filling out forms on the computer, use only the tab key to move your cursor - do not	Fro	om: Stow 1 Conservation Commission This Issuance is for (check one):			
use the return key.	3.	 a.		ion	
Note:	Ų.	Bruce a. First Name Athens Street, LLC, Goshen Lane, LLC c. Organization		Wheeler b, Last Name	
Before completing this form consult your local Conservation Commission		148 Park Street d. Mailing Address North Reading e. City/Town		MA f. State	01864 g. Zip Code
commission regarding any municipal bylaw or ordinance.	4.	Property Owner (if different from applicant): See attached a. First Name		b, Last Na me	
		c. Organization d. Malling Address e. City/Town		f. State	g. Zip Code
	5.	Project Location: Athens Lane a. Street Address R2		Stow b. Clty/Town 1A, 3, 4, 5, 6, 1	
	6.	d. Assessors Map/Plat Number Latitude and Longitude (in degrees, minutes, seconds): Dates: 12/15/2020 a. Date ANRAD filed	f. Latitu 4/20/20 b. Date P		g. Longitude 4/23/2021



WPA Form 4B - Order of Resource Area Delineation

Massachusetts Wetlands Protection Act M.G.L. c. 131, 840

Provided by MassDEP: 299-696
MassDEP File Number
eDEP Transaction Number
Stow

A.	Gen	eral	Info	rmatio	n (cont.)
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	ene	ral In		
Title			formation (cont.)	
1 1614	e an	d Date (or Revised Date if applicable) of Final Plans and Other Docu	ments:
₹es	our	ce Area	Delineation Plan in Stow Massachusetts for Athens Street, LLC, prepared by Stamski and McNary, Inc. Sheets 1-6	12/15/20 final revision 4/15/21
				d. Date
		r of D	elineation	U. Date
				ver is applicable):
i.	×	Accura Notice	ite: The boundaries described on the referenced plan(s) about of Resource Area Delineation are accurately drawn for the fo	ve and in the Abbreviated llowing resource area(s):
		1.	Bordering Vegetated Wetlands	
		2.	Other resource area(s), specifically:	
		a. See r	notes in attached Appendix !	
) .		Conser Area Do	vation Commission from the plans contained in the Abbreviat elineation, are accurately drawn from the following resource a Bordering Vegetated Wetlands	ted Notice of Resource
i.		Notice of for the f	of Resource Area Delineation were found to be inaccurate an following resource area(s): Bordering Vegetated Wetlands	d in the Abbreviated and cannot be confirmed
	The .	*he Co.	ine Conservation Accurate Notice of 1.	The Conservation Commission has determined the following (check whiched the Conservation Commission has determined the following (check whiched Accurate: The boundaries described on the referenced plan(s) about Notice of Resource Area Delineation are accurately drawn for the formation of the following Vegetated Wetlands 2. ☑ Other resource area(s), specifically: a. See notes in attached Appendix! Modified: The boundaries described on the plan(s) referenced about Conservation Commission from the plans contained in the Abbreviat Area Delineation, are accurately drawn from the following resource at Delineation were found to be inaccurate and for the following resource area(s): Inaccurate: The boundaries described on the referenced plan(s) and Notice of Resource Area Delineation were found to be inaccurate and for the following resource area(s): 1. ☐ Bordering Vegetated Wetlands



WPA Form 4B – Order of Resource Area Delineation

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

Prov	ided by MassDEP:
	299-696
	MassDEP File Number
	eDEP Transaction Number
	Stow
	City/Town

B.	Order	of	Delineation	(cont.)
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3.	The boundaries were determined to be inaccurate because:					

C. Findings

This Order of Resource Area Delineation determines that the boundaries of those resource areas noted above, have been delineated and approved by the Commission and are binding as to all decisions rendered pursuant to the Massachusetts Wetlands Protection Act (M.G.L. c.131, § 40) and its regulations (310 CMR 10.00). This Order does not, however, determine the boundaries of any resource area or Buffer Zone to any resource area not specifically noted above, regardless of whether such boundaries are contained on the plans attached to this Order or to the Abbreviated Notice of Resource Area Delineation.

This Order must be signed by a majority of the Conservation Commission. The Order must be sent by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate DEP Regional Office (see https://www.mass.gov/service-details/massdep-regional-offices-by-community).

D. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate DEP Regional Office to issue a Superseding Order of Resource Area Delineation. When requested to issue a Superseding Order of Resource Area Delineation, the Department's review is limited to the objections to the resource area delineation(s) stated in the appeal request. The request must be made by certified mail or hand delivery to the Department, with the appropriate filling fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order of Resource Area Delineation will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order or Determination, or providing written information to the Department prior to issuance of a Superseding Order or Determination.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act, (M.G.L. c. 131, § 40) and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal bylaw or ordinance, and not on the Massachusetts Wetlands Protection Act or regulations, the Department of Environmental Protection has no appellate jurisdiction.

APPENDIX 1

Location: Off Athens Lane

Owner: Athens Lane LLC, and Goshen Lane, LLC

Order of Resource Area Delineation

Massachusetts Wetlands Protection Act File #299-696

Map R2, Lots 1A, 3, 4, 5, 6, 18, 19 and 20-7

Issued April 23, 2021

The Stow Conservation Commission has reviewed and confirmed the accuracy of the resource areas shown on the "Resource Area Delineation Plan in Stow Massachusetts for Athens Street, LLC, Goshen Lane, LLC," prepared by Stamski and McNary, Inc., Sheets 1-6 dated December 15, 2020 with a latest revision date of April 15, 2021, except as noted and described below. Wetland resource area boundaries were originally flagged by Goddard Consulting LLC (March and April 2020) and B&C Associates (April 2019) and revised as a result of multiple site visit by the Stow Conservation Commission. A total of four Bordering Vegetated Wetlands, two Isolated Vegetated Wetlands and a perennial stream were delineated. The Commission makes the following findings as part of this Order of Resource Area Delineation:

- 1. The Commission has verified the wetland delineation on only those portions of the parcels shown on the above-referenced plan.
- 2. Bordering Vegetated Wetland (BVW) (state and local) All flags were confirmed, as adjusted in the field and shown on the above-referenced plan.
- 3. Riverfront Area and Bank (state and local) All flags were confirmed, as adjusted in the field and shown on the above-referenced plan. The Riverfront Area and Bank are associated with Sandy Brook, a perennial stream.
- 4. Isolated Vegetated Wetlands: The Isolated Vegetated Wetlands flagged B1 through B10 and E1 through E5 were examined in the field. No calculations were submitted to determine whether these areas are Isolated Land Subject to Flooding under the Wetlands Protection Act. The Commission reserves the right to require these calculations during development review.
- 5. **Vernal Pools** The field work for the delineation was done during vernal pool season in 2020 and Wetland C (part) and F were determined to qualify as vernal pools. The Commission presumes that these are vernal pools for regulatory purposes. Prior to the filing of a Notice of Intent for this property the applicant shall submit documentation to the Massachusetts Natural Heritage and Endangered Species Program for certification.
- 6. **Bordering Land Subject to Flooding** (state and local) BLSF was not delineated on the plans but is present on the subject site. The Commission makes no findings with regard to the boundaries of BLSF on the subject site, or the 100' buffer zone to this area under the Bylaw.

- 7. **Buffer Area** (local only resource area): The plan depicts the 100' buffer to wetlands and other resources, as well as the 35' no disturb buffer. These areas are protected by the Stow Wetlands Protection Bylaw and Regulations.
- 8. Area of Groundwater Breakout the Commission identified an area of groundwater breakout between WF B2-B3 and WF A26-A27. Surface flow was observed in this area leading down the hill in winter/spring of 2021. This area was examined on two site visits and soils have evidence of high groundwater, though wetland vegetation is not present. It appears that this is an area of breakout of groundwater from the adjacent slope. This area has been noted on the plans as the area between the "Location of Surface Flow of Hillside Seepage" and will require special attention during design and engineering to provide proper drainage and ensure that erosion and sedimentation do not occur to the A series wetland.



WPA Form 4B - Order of Resource Area Delineation

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

E. Signatures

Please indicate the number of members who will sign this form.

LIAA	FIGURE BY MASSDET:					
	299-696					
	MassDEP File Number					
	eDEP Transaction Number					
	Stow					
	City/Town					
	4-28-21					
	Date of Issuance					
	4					
	1 Number of Slaners					

	31.0545.4547.6555.4547.5557.4577.4577.4577.4
Signatures	
MATA.	Jeff Saunders
Signature of Conservation Commission Member	Printed Name
(b) ave manu (lam	Ingeborg Hegemann Clark
Signature of Conservation Commission Member	Printed Name
men was	Serena Furman
Signature of Conservation Commission Member	Printed Name
- Maline Trolun	Matt Styckiewicz
Signature of Conservation Commission Member	Printed Name
Signature of Conservation Commission Member	Printed Name
Signature of Conservation Commission Member	Printed Name
Signature of Conservation Commission Member	Printed Name
Signature of Conservation Commission Member	Printed Name

This Order is valid for three years from the date of issuance.

If this Order constitutes an Amended Order of Resource Area Delineation, this Order does not extend the issuance date of the original Final Order, which expires on 4/23/2024 unless extended in writing by the issuing authority.

This Order is issued to the applicant and the property owner (if different) as follows:

2. By hand delivery on	3. By certified mail, return receipt requested on
a. Dato 4/28/21	a. Date



Request for Departmental Action Fee Transmittal Form

A. Request Information

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

DEP File Number:

299-696

Provided by DEP

important:
When filling
out forms on
the computer,
use only the
tab key to
move your
cursor - do



not use the return key.



1.	Location of Project						
	a. Street Address	b. City/Town, Zip					
	c. Check number	d. Fee amount					
2.	Person or party making request (if appropriate, na	me the citizen group's repres	entative):				
	Name						
	Mailing Address						
	City/Town	State	Zip Code				
	Phone Number	Fax Number (if ap	plicable)				
3.	Applicant (as shown on Determination of Applicability (Form 2), Order of Resource Area Delineation (Form 4B), Order of Conditions (Form 5), Restoration Order of Conditions (Form 5A), or Notice of Non-Significance (Form 6)):						
	Name						
	Mailing Address						
	City/Town	State	Zip Code				
	Phone Number	Fax Number (if ap	plicable)				
4.	DEP File Number:						
В.	Instructions	136.3					
1.	When the Departmental action request is for (checi	k one):					
	☐ Superseding Order of Conditions – Fee: \$120.00 (single family house projects) or \$245 (all other projects)						
	☐ Superseding Determination of Applicability – Fee: \$120						
	Superseding Order of Resource Area Delineati	ion – Fee: \$120					

Department of Environmental Protection Box 4062 Boston, MA 02211

Send this form and check or money order, payable to the Commonwealth of Massachusetts, to:



WPA Form 4B - Order of Resource Area Delineation

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

be submitted to the Conservation Commission listed below.

Recording Information

Provided by MassDEP: 299-696

MassDEP File Number

eDEP Transaction Number

Stow

City/Town

Prior to commencement of work, this Order of Resource Area Delineation must be recorded in the
Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title
of the affected property. In the case of recorded land, the Final Order shall also be noted in the
Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of
registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the

land subject to the Order of Resource Area Delineation. The recording information on this page shall

Conservation Commission Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation To: Stow Conservation Commission Please be advised that the Order of Resource Area Delineation for the Project at: Athens Lane 299-696 Project Location MassDEP File Number Has been recorded at the Registry of Deeds of: County Book Page For: Property Owner and has been noted in the chain of title of the affected property in: Book Page In accordance with the Order of Resource Area Delineation issued on: Date If recorded land, the instrument number identifying this transaction is: Instrument Number If registered land, the document number identifying this transaction is: **Document Number** Signature of Applicant



Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands

Request for Departmental Action Fee Transmittal Form

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

DEP File Number:

299-696

Provided by DEP

B. Instructions (cont.)

- 2. On a separate sheet attached to this form, state clearly and concisely the objections to the Determination or Order which is being appealed. To the extent that the Determination or Order is based on a municipal bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.
- Send a copy of this form and a copy of the check or money order with the Request for a
 Superseding Determination or Order by certified mail or hand delivery to the appropriate DEP
 Regional Office (see https://www.mass.gov/service-details/massdep-regional-offices-by-community).
- 4. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.



Notice of Intent

for Cottages at Wandering Pond (Map R2, Parcel: 1A, 3, 4, 5, 6, 18,19, 20-7)

DATE:

September 12, 2023

ADDRESSED TO:

Stow Conservation Commission 380 Great Road Stow, MA 01775

PREPARED BY:

Goddard Consulting LLC 291 Main Street, Suite 8 Northborough, MA 01532

PREPARED FOR:

Cottages at Wandering Pond Realty Trust 148 Park St North Reading, MA 01864



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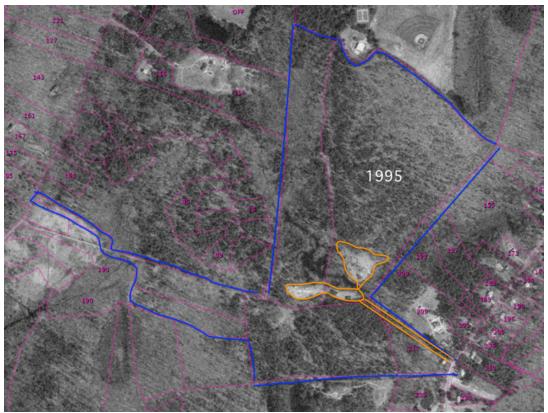
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1.0 EXISTING CONDITIONS

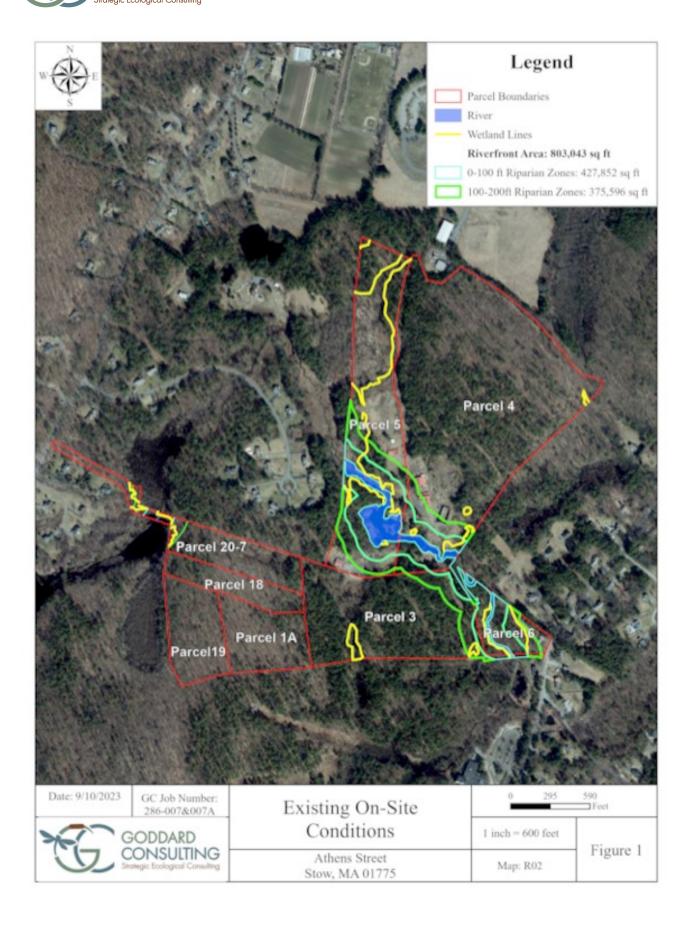
The project site consists of 119 acres north of Athens Street in Stow, MA and is made up of eight parcels (Map R2, Parcels: 1A, 3, 4, 5, 6, 18, 19, 20-7). The site consists of wooded and field uplands and forested and herbaceous wetlands along with a perennial stream that flows west to east across the eastern portion of the site and a perennial river that flows north to south in the western portion of the site. Please refer to Figure 1. attached which shows the parcels in red, wetland line in yellow, the river in blue and the inner and outer riparian zones in light and dark green. Also see enclosed photographs showing existing disturbed and degraded site conditions and an enclosed USGS and FEMA map.

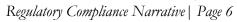
Prior to 1996 the site was disturbed with degraded areas such as: a building, gravel roadways and the removal of trees within the 200-ft Riverfront area. The building and gravel roads are highlighted in orange and the removal of vegetation is located within the white areas of the 1995 photograph, shown below. Since 1995 several more buildings, pavement and gravel areas have been added to the site; see photo year 2021 on the next page.



Aerial photo taken in 1995 as shown on MassGIS. Highlighted areas in orange shows gravel road, building at end of gravel road, river crossings, and cleared tree areas in white.

Athens Street, Stow









Aerial photo taken in 2021 as shown on MassGIS. Highlighted areas in orange show gravel roads, multiple buildings, gravel/pavement areas and cleared vegetation areas.



Photo 1. 2023. Showing old vacant buildings on site with gravel access road

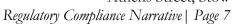






Photo 2. 2023. Showing vacant stone building on site



Photo 3. 2023. Showing vacant landscaping building with gravel yard in southwest section of the site





Photo 4. 2023. Gravel landscape yard



Photo 5. 2023. Gravel roadway located throughout site

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Photo 6. 2023. Showing most of the site was removed of trees (disturbed) when buildings were constructed on site replacing forested with field cover types.



Photo 7. 2023. Showing existing cart path in the western portion of the site



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1.1 WETLAND RESOURCES ON SITE

The jurisdictional resource areas on site include Bordering Vegetated Wetlands (BVW), Local Isolated Wetlands, Bordering Land Subject to Flooding (BLSF), Riverfront Area associated with the Mean Annual High Water (MAHW) of a perennial stream, Land Under Waterbodies, and 100-foot BVW and local IVW Buffer Zones.

According to the MassGIS data layers for NHESP, this site is not within Estimated and/or Priority Habitat of Rare Wildlife. There are no potential or certified vernal pools located onsite. A section of the site falls within the jurisdictional FEMA Flood Zone. This results in the state regulated resource area of Bordering Land Subject to Flooding (BLSF) located from the edge of the wetland line up to the 100-year FEMA floodplain elevation. The development site is not located within a mapped Area of Critical Environmental Concern.

2.0 PROPOSED PROJECT

2.1 GENERAL OVERVIEW

The applicant is proposing to build a 141-active adult neighborhood consisting of 127 single-family houses and 7 duplexes with associated roadways, parking, grading, stormwater, pool, pool building and pickleball courts. Existing degraded and disturbed areas located on site will be utilized for most of the new construction area. For instance, the existing gravel roads will be used for the new subdivision roadway, existing gravel and paved areas repurposed for the location of new residential buildings, several existing, run-down buildings will be removed and the disturbed/tree cleared areas will be utilized and/or preserved by the project. Please refer to Figure 2 which shows the previously disturbed upland fields shown in orange, degraded areas highlighted in red (which include buildings, gravel areas, gravel roadways, pavement, and debris piles and green highlighted which indicate natural undisturbed riverfront areas.

Consideration of the site's constraints (wetland resource areas, zoning requirements, and stormwater management) have resulted in a proposed project which avoids and minimizes impacts to on-site resource areas to the maximum extent practicable. This was done by designing most work outside the 35-ft no touch zone (except for unavoidable crossings and wetland replication) and designing the proposed buildings and associated paved surfaces outside the 100-ft riverfront area.

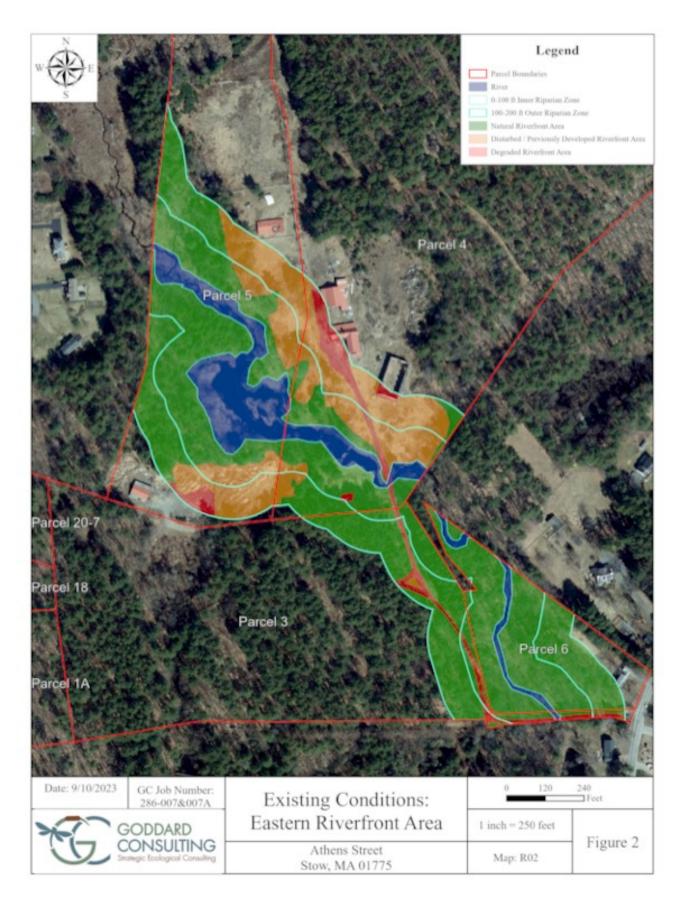
Erosion and Sedimentation (E&S) control methods for the site include structural and stabilization practices to cover exposed soil so that discharge of sediment is minimized. Implementing these practices limit the amount of storm water entering a disturbed area or trap sediment prior to storm water leaving the site. E&S controls will be maintained and repaired as necessary throughout the duration of the construction. All E&S controls will remain in place until the site is stabilized (refer to NOI plan details for more information on erosion controls).

2.2 <u>STORMWATER MANAGEMENT</u>

Please see the attached Stormwater Report by Stamski and McNary dated July 6, 2023, for more detailed information on the stormwater management system and its compliance.









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3.0 RESOURCE AREA IMPACTS, MITIGATION AND REGULATORY COMPLIANCE WITH THE WETLANDS PROTECTION ACT AND LOCAL BYLAWS/REGULATIONS

An Order of Resource Area Delineation (ORAD) was issued for this site on 4/23/21 with DEP # 299-696, which confirmed the on-site wetland resource areas for three years (ORAD expires in 4/23/24) (see attached). Work within the approved resource areas boundaries is being proposed. The project has been designed to meet the Wetlands Protection Act's general performance standards for work within resource areas and to minimize impacts to the greatest extent practicable. Explanation on how the project meets the performance standards for each resource area is presented in this document.

3.1 RESOURCE AREAS TO BE IMPACTED

The following sections of this report describe impacts to each resource area and state and local compliance in the following order:

- Buffer Zone to Bordering Vegetated Wetland and Buffer Zone to local Isolated Vegetated Wetland (IVW)
- Bordering Vegetated Wetland (BVW)
- Bank
- Land Under Water Waterways (LUWW)
- Riverfront Area (RA)
- Bordering Land Subject to Flooding (BLSF)

3.2 BUFFER ZONE IMPACTS AND COMPLIANCE WITH LOCAL PERFORMANCE STANDARDS

The 100-ft Buffer Zone is proposed to be impacted by roadways, buildings, wetland replication areas, grading, retaining walls, single family homes and stormwater management. The buffer zone on site is associated with BVWs and one locally jurisdictional Isolated Vegetated Wetland.

The WPA Regulations do not contain performance standards for Buffer Zone Alteration (310 CMR 10.02(2)(b)), however the Stow Wetlands Bylaw/Regulations do have some general performance standards for all areas subject to regulation, which are as follows:

- A. Undisturbed vegetated buffer of naturally occurring plants shall be left adjacent to all wetlands to a minimum width of 35-feet.
- B. All disturbed areas shall be seeded in accordance to soil conservation service conditions to stabilize soil as soon as possible. If work is completed or stopped after November of any year disturbed areas shall be covered in mulch to aid in absorption and reduce erosion
- C. Haybales and siltation screen shall be placed between any disturbed areas and wetlands/waterbodies to prevent siltation.

All reasonable efforts to avoid, minimize and mitigate adverse impacts on the Buffer Zone have been considered, including the non-disturbance of the 0-35-ft buffer zone area when possible. Work within the 0-35-ft buffer zone will only occur within un-avoidable work associated with road crossings and wetland replication areas. All disturbed areas will be seeded in accordance with soil conservation service conditions to stabilize soil as soon as possible. If work is completed or stopped after the month of November of any year; disturbed areas shall be covered in mulch or seeded to aid in absorption and reduce erosion. Erosion and sedimentation controls will be implemented during construction, along the limit of work to protect downgradient resource areas.



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3.3 <u>BORDERING VEGETATED WETLAND IMPACTS, MITIGATION AND STATE AND LOCAL PERFORMANCE STANDARDS COMPLIANCE</u>

3.3.1 Wetland Impacts

The project requires the alteration of BVW. The altered BVW will be replicated at a ratio of 133% of that which is lost (which is greater than 1:1, exceeding the WPA and local BVW replication standards). The project proposes two temporary and three permanent wetland area impacts. All BVW impacts (except at the third crossing, which is a result of the proposed box culvert) are a result of the widening and paving of the existing gravel road known as Athens Street which will become the main roadway of the development.

The impacts are mostly confined to areas located on either side of the main roadway within the center of the site and consist of Athens St and Wandering Pond Way and the three proposed river crossings. River Crossing one is located off Athens Street near Hudson Road in the eastern section of the site (see page 74 of 76). Crossing two is located off Wandering Pond Road in the center of the site (see page 75 of 76). Crossing three is located in the western portion of the site near Goshen Lane.

Crossing One

The first temporary BVW impact along Athens St near Hudson Road will result in an impact of 1,718 sf which will be restored in kind and in the same location (see plan 74 and associated details). The design plans reflect compensation for all flood plain altered beyond BLSF impacts. It is up to the discretion of the Commission if this additional flood storage compensation is appropriate in regards to the alteration of 1,718 square feet of wetland impact since the amount of flood storage capacity in the adjacent wetland replication area is sufficient, since the amount of flood water displacement in this impact area is approximately 1100 sf and approximately 6 inches in elevation. The first permanent BVW impact at crossing one is 2088 sf (2,662 sf of BVW impact is identified on plan 74; however, this includes a small portion of Land Under Water Way associated with the river). This wetland impact area will be replicated less than 200 ft away with 2,957 sf of wetland restoration area (see photo 8).



Photo 8. 2023. Showing the upland area for the proposed wetland replication near Athens St (see page 53 of plan set). This area currently is comprised of white pine trees and princess-pine herbs. Many of the white pines have weakened and have fallen in this area.



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Crossing Two

Does not have any BVW impacts associated with this area. Impacts to this area include BLSF, Bank, and Riverfront, and LUWW.

Crossing Three

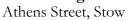
Has a second temporary wetland impact of 136 sf and a permanent wetland impact of 30 sf associated with the installation of an open box culvert in the western portion of the site (see photo 9). This culvert will improve water flow through the western portion of the site (See Figure 3 and page 76 of the plan set). The 136 sf temporary impact will be restored in kind and in place and the permeant wetland impact of 30 sf will be mitigated in the second wetland restoration area shown in photo 10. This replication area will be 473 sq ft.

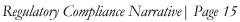


Photo 9. Location of the chart path and proposed box culvert



Photo 10. 2023. Area of proposed wetland replication along bend of River. (see page 75 of plan set).











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3.3.2 Wetland Mitigation

The temporary wetland impacts of 1,718 sf and 136 sf totaling 1,854 sf will be replaced in kind and in place once work in these areas is completed. The permanent wetland impacts of 2,088 sf and 30 sf totaling 2,118 sf will be mitigated at 133% (greater than 1:1) and replicated in two wetland restoration areas totaling 3,430 sf. Wetland replacement plantings will include red maple and yellow birch trees, highbush blueberry and winterberry shrubs and cinnamon and royal fern herbs along with a New England Wetland Seed Mix. Please refer to pages 28 and 53 for wetland impact and replication locations and pages 74 and 75 for wetland replication planting schedules, cross sections and a detailed construction sequence.

3.3.3 Wetland Construction Sequence

- 1. The wetlands will be constructed during dry conditions (if possible).
- 2. Filtermitt will be installed at the edge of existing wetlands to protect down-gradient resources
- 3. The wetland replication area will be excavated to one foot below final grades
- 4. Clean composed 50/50 peat and loam mix will be brought in to reach final grades (which will be similar to adjacent wetland grades and determined by an on-site Wetland Scientist)
- 5. The replication areas will be planted with selective native wetland trees, shrubs, herbs and seed as described in the plan set details and as stated above
- 6. Side slopes will not exceed 2:1 slope and will be immediately loam and seeded
- 7. After the replication area has been constructed filtermitt shall be placed between the replication area and any disturbed areas

3.3.4 Wetland Replication Area Monitoring

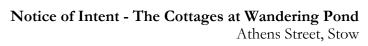
Monitoring will be performed by a wetland scientist two times a year for two years during the spring and fall months. The Commission will receive bi-annual reports with photographs and a narrative describing plant health and over all percent coverage (with a goal to reach 75% or more wetland species coverage within 2 growing seasons). During each report if the wetland restoration areas are not growing successfully in regards to reaching the 75% coverage goal, the scientist will make additional plantings or other needed recommendations.

Please refer to pages 28 and 53 for wetland impact and replication locations and pages of 74 and 75 for wetland replication planting schedules, cross sections, and a detailed construction sequence.

3.3.5 Bordering Vegetated Wetland Performance Standards - Wetlands Protection Act

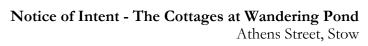
As stated in 310 CMR 10.55, the proposed project will adhere to the following performance standards for work in Bordering Vegetated Wetlands:

§ 10.55	\$ 10.55 Bordering Vegetated Wetlands Freshwater wetlands which border on creeks, rivers, streams, ponds, or lakes		
	Performance Standard	Proposed Project	
310 CMR 10.55(4)(a)	Where the presumption set forth in 310 CMR 10.55(3) is not overcome, any proposed work in a	See the below description for compliance with 310 CMR 10.55(4)(b).	





	Bordering Vegetated Wetland shall not destroy or otherwise impair any portion of said area.	
310 CMR 10.55(4)(b)	Notwithstanding the provisions of 310 CMR 10.55(4)(a), the issuing authority may issue an Order of Conditions permitting work which results in the loss of up to 5000 square feet of Bordering Vegetated Wetland when said area is replaced in accordance with the following general conditions and any additional, specific conditions the issuing authority deems necessary to ensure that the replacement area will function in a manner similar to the area that will be lost:	The project proposes the temporary loss of 1,845 sf of BVW and the permanent loss of 2,118 sf of wetlands. BVW temporary impacts will be mitigated in kind and in place. The total restoration of temporary and permanent wetland impacts will be mitigated with 5,284 sf of wetland replication at 133% (a ratio greater than 1:1. See pages 74 and 75 of the plan set for details.
310 CMR 10.55(4)(b)(1)	The surface of the replacement area to be created ("the replacement area") shall be equal to that of the area that will be lost ("the lost area");	The replacement area totals (3,430 SF) is greater in SF to the wetland area lost (2,118 SF).
310 CMR 10.55(4)(b)(2)	The ground water and surface elevation of the replacement area shall be approximately equal to that of the lost area;	The surface elevation of the replacement area is equal that of the impact areas (see plan details).
310 CMR 10.55(4)(b)(3)	The overall horizontal configuration and location of the replacement area with respect to the bank shall be similar to that of the lost area;	The overall horizontal configuration and location of the replacement areas with respect to the bank will be similar to that of the lost area and within 200-ft of the lost area.
310 CMR 10.55(4)(b)(4)	The replacement area shall have an unrestricted hydraulic connection to the same water body or waterway associated with the lost area;	The replacement areas will have an unrestricted hydraulic connection to the same water body associated with the lost area.
310 CMR 10.55(4)(b)(5)	The replacement area shall be located within the same general area of the water body or reach of the waterway as the lost area;	The replacement areas will be connected to same BVW system as the lost area.
310 CMR 10.55(4)(b)(6)	At least 75% of the surface of the replacement area shall be reestablished with indigenous wetland plant species within two growing seasons, and prior to said vegetative reestablishment any exposed soil in the replacement area shall be temporarily stabilized to prevent erosion in accordance with standard U.S. Soil Conservation Service methods; and	The replacement areas have been designed with native tree, shrub, and herbaceous species with the intention of complying with this condition. The replacement area will be inspected annually for two growing seasons to ensure that the replacement area meets the 75% coverage within two growing seasons. Any bare soils following construction will be seeded with New England Wetland Plants Wetmix or equivalent, so soil stabilization should occur rapidly.
310 CMR 10.55(4)(b)(7)	The replacement area shall be provided in a manner which is consistent with all other General	The replacement area will be provided in a manner consistent with all other performance





	Performance Standards for each resource area in Part III of 310 CMR 10.00.	standards for each resource area as demonstrated in this report.
310 CMR 10.55(4)(b) (continued) 310 CMR 10.55(4)(b) (continued)	In the exercise of this discretion, the issuing authority shall consider the magnitude of the alteration and the significance of the project site to the interests identified in M.G.L. c. 131, § 40, the extent to which adverse impacts can be avoided, the extent to which adverse impacts are minimized, and the extent to which mitigation measures, including replication or restoration, are provided to contribute to the protection of the interests identified in M.G.L. c. 131, § 40.	Extent to which adverse impacts are minimized: o Erosion controls are proposed at the limit of work to demarcate a clear limit of work to minimize encroachment of the resource areas during construction. o Erosion controls are proposed at the limit of work to prevent migration of sediment from the work area to the resource areas to minimize the risk of adverse impacts to the resource areas. o The proposed location of the wetland/stream crossing was chosen to minimize impacts to BVW to the greatest extent practicable.
		Extent to which mitigation measures, including replication and restoration, are provided to contribute to the protection of the WPA: o Replication is provided in accordance with BVW replication performance standard 310 CMR 10.55(4)(b). The proposed square footage of replication is greater than the amount lost and therefore exceeds the requirements of 310 CMR 10.55(4)(b)(1).
310 CMR 10.55(4)(c)	Notwithstanding the provisions of 310 CMR 10.55(4)(a), the issuing authority may issue an Order of Conditions permitting work which results in the loss of a portion of Bordering Vegetated Wetland when;	See the below description for 310 CMR 10.55(4)(c)(1-3).
310 CMR 10.55(4)(c)(1)	Said portion has a surface area less than 500 square feet;	Not applicable to the Project.
310 CMR 10.55(4)(c)(2)	Said portion extends in a distinct linear configuration ("finger-like") into adjacent uplands; and	Not applicable to the Project.
310 CMR 10.55(4)(c)(3)	In the judgment of the issuing authority it is not reasonable to scale down, redesign or otherwise change the proposed work so that it could be completed without loss of said wetland.	Not applicable to the Project.
310 CMR 10.55(4)(d)	Notwithstanding the provisions of 310 CMR 10.55(4)(a),(b) and (c), no project may be permitted which will have any adverse effect on specified habitat sites of rare vertebrate or	This site is not mapped within Estimated and/or Priority Habitat of Rare Wildlife.



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	invertebrate species, as identified by procedures established under 310 CMR 10.59.	
310 CMR 10.55(4)(e)	Any proposed work shall not destroy or otherwise impair any portion of a Bordering V egetated W etland that is within an Area of Critical Environmental Concern designated by the Secretary of Energy and Environmental Affairs under M.G.L. c. 21A, § 2(7) and 301 CMR 12.00: Areas of Critical Environmental Concern. 310 CMR 10.55(4)(e): 1. supersedes the provisions of 310 CMR 10.55(4)(b) and (c); 2. shall not apply if the presumption set forth at 310 CMR 10.55(3) is overcome; 3. shall not apply to work proposed under 310 CMR 10.53(3)(l); and 4. shall not apply to maintenance of stormwater detention, retention, or sedimentation ponds, or to maintenance of stormwater energy dissipating structures, that have been constructed in accordance with a valid order of conditions.	This site is not mapped within an Area of Critical Environmental Concern (ACEC).

3.3.6 Bordering Vegetated Wetland Performance Standards – Town of Stow

The Town of Stow's Local BVW Performance Standards are as follows:

- (A) Any activity within a wetland for which the presumption of significance has not been overcome shall not destroy or otherwise impair any function of the wetland identified with the interests of the Bylaw except as provided for in section 5.2.B et seq. of these regulations.
- (B) Any activity, which alters a wetland for which the presumption of significance has not been overcome, may be permitted provided that an area, which shall replace all the functions of the altered area, shall be provided. This area shall be subject to the following conditions:
 - 1. The replacement area shall have a direct free flowing hydrologic connection with the altered area.
 - 2. The replacement area shall lie within the land owned by the applicant.
 - 3. The replacement area shall be not more than two hundred (200) feet from the altered area.
 - 4. The replacement area shall not be less than 110% of the altered area. The additional area will compensate for the time required for the replacement area to assume all the functions of the altered area.
 - 5. The replacement area shall provide not less than 110% of the flood storage area lost by alteration.
 - 6. The altered area shall not be greater than five thousand (5,000) square feet except in the case of special projects as defined in section 5.2 C of these regulations.
 - 7. At least 10% of the original wetland shall remain and shall be contiguous with the replacement area along a line which has a length of at least 10% of the circumference of the replacement area to ensure the complete.
 - 8. Repopulating of the replacement area with the vegetation existing in the original wetland.



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Compliance with local bylaw

- 1. The replacement area will have a direct free flowing hydrologic connection with the altered area.
- 2. The replacement area will lie within the land owned by the applicant.
- 3. The replacement area will be less than two hundred (200) feet from the altered area.
- 4. The project proposes 3,972 sf of BVW impact with the replacement of 5,284 sf of BVW wetlands.
- 5. The proposed replacement area will provide 133% (more than the 110% required).
- 6. The altered area shall not be greater than five thousand (5,000) square feet except in the case of special projects as defined in section 5.2 C of these regulations. The project proposes 3,972 sf of impact which is less than the 5,000 sf threshold.
- 7. At least 10% of the original wetland shall remain and shall be contiguous with the replacement area along a line which has a length of at least 10% of the circumference of the replacement area to ensure the complete. The areas of BVW impact are relatively small and part of a large wetland system in which more than 10% of the wetland shall remain.
- 8. Repopulating of the replacement area with the vegetation existing in the original wetland. Plant species which are proposed to be planted within the restoration areas are the same species existing within the proposed impact areas.

3.4 <u>BANK IMPACTS, MITIGATION, AND STATE AND LOCAL PERFORMANCE STANDARD</u> COMPLIANCE

Since the river needs to be crossed three times for access to upland areas, several open bottom box culverts are proposed. 314 linear feet of Bank is proposed to be impacted and restored within the box culverts; 70 linear feet for Crossing One, 200 linear feet for the double crossing at Crossing Two and 44 linear feet in Crossing Three. Each linear feet of Bank plus and additional 80 linear feet will be restored and created within the open box culverts. The Banks will be re-created with the same material, be the same height and width and proved the same statutory interests pre and post conditions.

The reasoning behind the proposal to utilized two open box culverts at Crossing Two is a result of the Commission's request that the two existing piped stream channels presently crossing under the gravel roadway line up with proposed conditions so that the stream channels are not re-routed, and the inlet and outlets of both existing culverts are located in the same areas as the proposed culverts.



Photo 11. 2023 Showing first river crossing location off Athens Street looking south





Photo 12. 2023. Showing first river crossing location off Athens Street looking north



Photo 13. 2023. Showing second river crossing location off Wandering Pond Way looking west





Photo 14. Showing second river crossing location of Wandering Pond Way looking east



Photo 15. 2023. Showing third river crossing location in western portion of the site



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The culvert replacement construction sequence as is follows:

- 1. Work shall not be conducted during wet periods and when the crossing is as dry as possible
- 2. Sand bags shall be placed to restrict the flow of water during construction
- 3. A pump will be installed upstream to divert the flow from the brook past the area of construction
- 4. The area will be dewatered as necessary
- 5. Existing culverts and stone shall be remove and replaced within the proposed headwalls, weir box and culvert walls as specified.
- 6. 5" Rip rap will be placed between culvert walls
- 7. Interior of the culvert shall be backfilled and compacted
- 8. Culvert top segment shall be installed
- 9. Culverts backfilled and compacted again if necessary
- 10. Sandbags removed
- 11. Disturbed areas shall be loamed and seeded or paved
- 12. Siltation barriers shall remain until all surfaces are stabilized and removed only after approval by Conservation

Bank

Please refer to pages 72, 73 and 75 of the plan set for more details and locations.

3.4.1 <u>Bank Performance Standards – Wetlands Protection Act</u>

§ 10.54	± ±	10.54(3) is not overcome, any proposed work on a mpair the following:
	Performance Standards	Compliance
10.54 (4)(a)	1. the physical stability of the Bank 2. the water carrying capacity of the existing channel within the Bank 3. ground water and surface water quality 4. the capacity of the Bank to provide breeding habitat, escape cover and food for fisheries 5. the capacity of the Bank to provide important wildlife habitat functions.	Crossing One and Three: 1. The physical stability of the Bank will not be permanently impacted by installing the 3-sided box culvert at least 1.2 feet beyond the existing Bank full width. Any temporary impacts during the box culvert installation will be restored to existing natural conditions. 2. The proposed box culvert will allow water to flow without impairing the carrying capacity of the existing channel within the Bank. Bank and bed characteristics similar to that of the upgradient stream will be replicated within the open box culverts. 3. The proposed work will not impair the ground water and surface water quality since erosion and sediment controls will be installed along the limit of work during construction. 4. The installation of the box culvert will not impair breeding habitat or escape from cover for

Notice of Intent - The Cottages at Wandering Pond Athens Street, Stow

GODDARD CONSULTING Strategic Ecological Consulting

	,	
		fisheries because the Banks are proposed to remain undisturbed during construction. 5. The installation of the box culvert will not impair important wildlife habitat because the Banks are proposed to remain undisturbed during construction.
		Crossing Two 1. The physical stability of the Bank will not be permanently impacted by installing the 3-sided box culvert. However due to the use of two box culverts in this area and the width of the stream within this area 1.2 Bank full width is not met.
		2. The proposed box culvert will allow water to flow without impairing the carrying capacity of the existing channel within the Bank. Bank and bed characteristics similar to that of the upgradient stream will be replicated within the open box culverts. 3. The proposed work will not impair the ground water and surface water quality since erosion and sediment controls will be installed along the limit of work during construction. 4. The installation of the box culvert will not impair breeding habitat or escape from cover for fisheries because the Banks are proposed to remain undisturbed during construction. 5. The installation of the box culvert will not impair important wildlife habitat because the Banks are proposed to remain undisturbed during construction.
10.54 (4)(a)	6. Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.54(4)(a) provided the work is performed in compliance with the Massachusetts Stream Crossing Standards by consisting of a span or embedded culvert in which, at a minimum, the bottom of a span structure or the upper surface of an embedded culvert is above the elevation of the top of the bank, and the structure spans the channel width by a minimum of 1.2 times the bankfull width. This presumption is rebuttable and may be overcome by the submittal of credible evidence from a competent source. Notwithstanding the requirement of 310 CMR 10.54(4)(a)5., the impact on bank caused	Stream crossing One and Three are in compliance with Massachusetts Stream Crossing Standards see section 4.0 of this report. Crossing Two's design is in response to consulting with the agent, which provides an improvement over existing conditions however does not met the 1.2 bankfull width qualification



Athens Street, Stow

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	by the installation of a stream crossing is exempt from the requirement to perform a habitat evaluation in accordance with the procedures contained in 310 CMR 10.60.	
10.54 (4)(b)	Notwithstanding the provisions of 310 CMR 10.54(4)(a), structures may be permitted in or on a Bank when required to prevent flood damage to facilities, buildings and roads constructed prior to the effective date of 310 CMR 10.51 through 10.60 or constructed pursuant to a Notice of Intent filed prior to the effective date of 310 CMR 10.51 through 10.60 (April 1, 1983), including the renovation or reconstruction (but not substantial enlargement) of such facilities, buildings and roads, provided that the following requirements are met:	Not applicable.
10.54 (4)(c)	Notwithstanding the provisions of 310 CMR 10.54(4)(a) or (b), no project may be permitted which will have any adverse effect on specified habitat sites of Rare Species, as identified by procedures established under 310 CMR 10.59.	There are no mapped rare species on site.

3.4.2 Bank Performance Standards – Town of Stow

The Town of Stow's Local Bank Performance Standards are as follows:

Any activity subject to regulation by the Bylaw shall not impair:

- (A) The physical stability of the bank; or
- (B) The water carrying capacity of the existing channel within the bank; or
- (C) The groundwater and surface water quality; or
- (D) The capacity of the bank to provide breeding habitat, escape cover and nutrient sources for fisheries.

Compliance with local bylaws

- A. As stated above the physical stability of the Bank and carrying capacity of the Bank/channel will not be impacted since the Bank/channel resource will be maintained within the open box culvert.
- B/C. Ground and surface water quality will not be impacted since erosion controls will be installed prior to any work within the area of the resource and the natural ability of the Bank will not be compromised.
- D. Since the Bank will remain no impacts to fisheries are expected.



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3.5 <u>LAND UNDER WATER BODIES AND WATERWAYS IMPACTS, MITIGATION AND STATE AND LOCAL PERFORMANCE STANDARD COMPLIANCE</u>

Land under Water Waterways is located within the channel bottom of the river and will be preserved by the use of open bottom culverts for each of the three crossings. Crossing One contain 574 square feet of this resource, Crossing Two 600 sf and Crossing Three has 80 sf for a total of 1254 sf; all of which will be preserved and enlarged in the open bottom culvert crossings. The total restored LUWW will be 2,266 sf.

	Land under Water Bodies and Waterways		
		land beneath any creek, river, stream, pond or lake.	
Said land may be composed of organic m		ack or peat, fine sediments, rocks or bedrock	
	Performance Standard	Compliance	
10.56 (4)(a)(1)	Where the presumption set forth in 310 CMR 10.56(3) is not overcome, any proposed work within Land under Water Bodies and Waterways shall not impair the following: 1. The water carrying capacity within the defined channel, which is provided by said land in conjunction with the banks	Crossings One, Two and Three: The proposed work within Land under Water Bodies and Waterways will not impair the carrying capacity within the defined channel. The proposed box culvert will increase the square footage of LUW resource area and increase the water carrying capacity of the stream.	
10.56 (4)(a)(2)	Ground and surface water quality	Crossings One, Two, and Three The proposed box culvert will not impair the ground and surface quality.	
10.56 (4)(a)(3)	The capacity of said land to provide breeding habitat, escape cover and food for fisheries	Crossings One, Two, and Three The proposed box culvert will not impair breeding habitat, escape cover and food for fisheries.	
10.56 (4)(a)(4)	The capacity of said land to provide important wildlife habitat functions. A project or projects on a single lot, for which Notice(s) of intent is filed on or after November 1, 1987, that (cumulatively) alter(s) up to 10% or 5,000 square feet (whichever is less) of land in this resource area found to be significant to the protection of wildlife habitat, shall not be deemed to impair its capacity to provide important wildlife habitat functions. Additional alterations beyond the above threshold may be permitted if they will have no adverse effects on wildlife habitat, as determined by procedures established under 310 CMR 10.60.	Crossings One, Two, and Three The proposed project contains 1,254 sf which is below the 5,000 sf threshold. There are no mapped estimated or priority habitats on site.	
10.56 (4)(a)(5)	Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.56(4)(a) provided the work is performed in compliance with the Massachusetts Stream Crossing Standards by consisting of a span or embedded culvert in which, at a minimum, the bottom of a span structure or the upper surface of an embedded culvert is above the	Crossings One and Three The proposed stream crossing is in compliance with the MA Stream Crossing Standards. Please see Section 4.0 for stream crossing standard compliance.	



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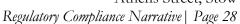
elevation of the top of the bank, and the structure spans | Crossing Two

	cievation of the top of the bank, and the structure spains	<u>C1033111g 1 wo</u>
	the channel width by a minimum of 1.2 times the	Crossing Two is not in compliance with 1.2
	bankfull width. This presumption is rebuttable and may	bankfull width of the stream crossing standards
	be overcome by the submittal of credible evidence from a	however does meet all the other standards.
	competent source. Notwithstanding the requirements of	Overall Crossing Two provides a betterment over
	310 CMR 10.56(4)(a)4., the impact on Land under	existing condition of that area.
	Water Bodies and Waterways caused by the installation	
	of a stream crossing is exempt from the requirement to	
	perform a habitat evaluation in accordance with the	
	procedures established under 310 CMR 10.60.	
10.56	Notwithstanding the provisions of 310 CMR	Not applicable.
(4)(b)	10.56(4)(a), the issuing authority may issue an Order in	
() ()	accordance with M.G.L. c. 131, § 40 to maintain or	
	improve boat channels within Land under Water Bodies	
	and Waterways when said work is designed and carried	
	out using the best practical measures so as to minimize	
	adverse effects such as the suspension or transport of	
	pollutants, increases in turbidity, the smothering of bottom	
	organisms, the accumulation of pollutants by organisms	
	or the destruction of fisheries habitat or nutrient source	
	areas	
10.56	Notwithstanding the provisions of 310 CMR	There are no mapped estimated or priority habitats
(4)(c)	10.56(4)(a) or (b), no project may be permitted which	on site.
() ()	will have any adverse effect on specified habitat sites of	
	rare vertebrate or invertebrate species, as identified by	
	procedures established under 310 CMR 10.59.	

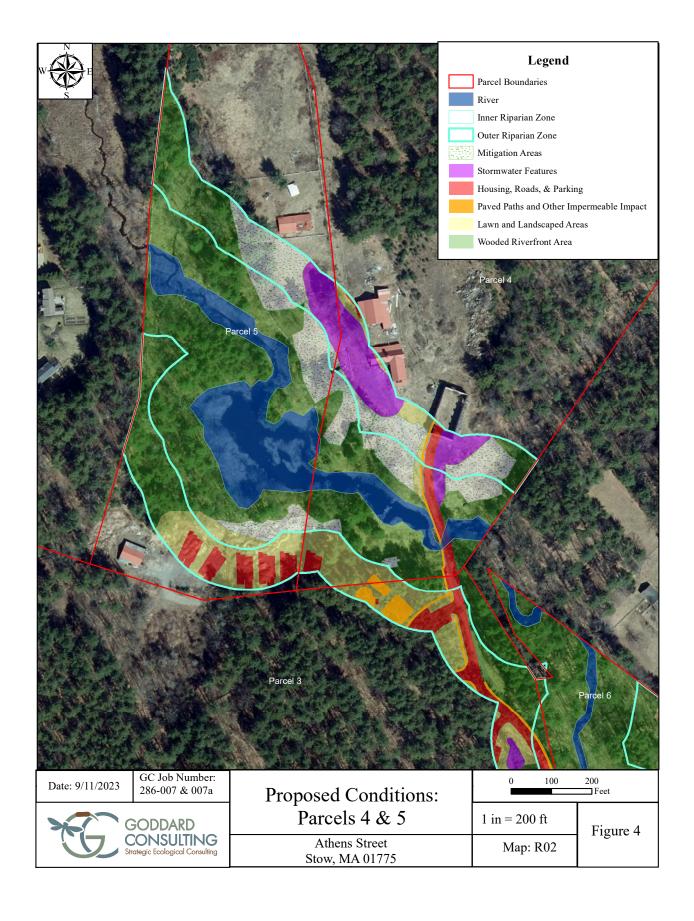
3.6 RIVERFRONT AREA IMPACTS, MITIGATION AND STATE AND LOCAL PERFORMANCE STANDARD COMPLIANCE

The project is proposing work within riverfront area. Work within this resource area is required to complete the project since access to the on-site uplands is not possible without river crossings.

As stated earlier the project will utilize existing and disturbed areas currently on site such as pavement, gravel, buildings and disturbed field areas which were once forested. Figure 4 shows the proposed work within the 100-200, outer riparian zone will be located within previously disturbed, degraded, and natural riverfront areas (also refer to Figure 2). Work includes 6 houses, roadways, pavement, and stormwater management systems which will utilize degraded and disturbed areas and pickle ball courts, pool and a playground area which will utilize natural areas.









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Work also involves the replacement of three existing stream crossing located within the existing gravel roadways/chart paths. Crossing One (refer to photos 11 and 12) occurs along Athens Street and is a wooden bridge with stone abutments (19.20-feet long), with a cross-sectional width of 5.25 feet (see sheet 72 of 76) and a cross sectional height of 3.5 feet. The bridge is proposed to be replaced with a 39.6-foot concrete open bottom box culvert with a cross-sectional width of 14.5 feet and a cross sectional height of 6.58 feet. The applicant also proposes a weir upgradient of the crossing with a rectangular orifice measuring 9.62 feet in width and 1.9 feet in height. See plan pages 53 and 74.

The second existing crossing (refer to photos 11 and 12 (Crossing Two) is located along Wandering Pond Way and consists of two reinforced concrete pipes (41.1-feet and 48.7-feet long), measuring 3.5 feet and 2 feet in diameter. The pipes are proposed to be replaced with 35-foot concrete open bottom box culverts with cross-sectional widths of 10.67 feet and cross-sectional heights of 6 feet. The applicant also proposes a weir upgradient of the crossing with two circular orifices measuring 3.05 feet and 1.99 feet in diameter. See plan page 73.

The existing location of the proposed third crossing (Crossing Three) consists of a beaver dam and cart path in the western section of the site in parcel 20-7. The dam is proposed to be replaced with a 12-foot concrete open bottom box culvert with a cross-sectional width of 12.0 feet and a cross sectional height of 4.5 feet. The applicant also proposes a weir upgradient of the crossing with an orifice measuring 7.3 feet in width. See existing conditions parcel 20-7 and corresponding plan page 76. This culvert installation was suggested by the Conservation Commission to improve water flow in this area of the site.

The table below shows the existing square footage of Riverfront Area and amount Currently Disturbed and Degraded:

Riverfront Area	Existing Square Footage
SF of total RFA on site	803,043
10% of total RFA on site	80,304
SF of total 0-100' RFA on site	427,852
SF of total 100'-200' RFA on site	375,596

Riverfront Area Impacts to Disturbed Areas	Proposed Square Footage
SF of total Disturbed RFA impacts 0-100	21,308
SF of total Disturbed RFA impacts 100-200	114,528

Riverfront Area Impacts to Degraded Areas	Proposed Square Footage
SF of total Degraded RFA impacts 0-100	26,632
SF of total Disturbed RFA impacts 100-200	54,107



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Calculations of square footage of conditions within the Riverfront Area

Please fill in the blue cells with actual data -- orange and white cells will automatically recalculate

Redevelopment in Riverfront Project

	Existing TOTAL	Existing 0-100'		Proposed TOTAL	Proposed 0-100'	Proposed 100'-200'	Total Change	Proposed Nature of change
Total Riverfront Area on the site	803,043	427,852	375,596					
Degraded RFA TOTAL	52,399	10,906	41,493	80,739	26,632	54,107	28,340	
Building, Parking lot	47,046	10,906	36,140	64,522	22,011	42,511	17,476	
Other Degraded (absence of topsoil)	5,353	0	5,353	16,217	4,621	11,596	10,864	
Disturbed RFA TOTAL	189,439	73,907	115,532	135,836	21,308	114,528	-53,603	
Lawn/landscaped islands	0	0	0	90,672	21,308	69,364	90,672	
Stormwater management system	0	0	0	45,164	0	45,164	45,164	
Disturbed Riverfront Area (invasive species, altered to some capacity)	189,439	73,907	115,532	0	0	0	-189,439	
Natural areas in RFA TOTAL	561,205	342,634	218,571	586,468	368,180	218,288	25,263	
Wooded Riverfront Area	561,205	342,634	218,571	480,319	314,433	165,886	-80,886	3150 sq ft wetland restoration
Restored (degraded -> natural)	0	0	0	1,084	1,084		.,	Removal of building out of 100-ft RA & installation of an open box culvert in
Restored (disturbed -> natural)	0	0	0	105,065	52,663	52,402	105,065	Disturbed fields allowed to re-vegetate and preserved as open land

TOTAL Riverfront Area on site	803,043	427,447	375,596	803,043	416,120	386,923	

Conversion of undeveloped riverfront area to impervious: Total reduction of degraded/impervious area within Riverfront Area:

Total amount of Riverfront Area to be restored to natural condition:

*** s.f. of degraded Riverfront Area to be restored

*** s.f. of disturbed Riverfront Area to be enhanced/restored

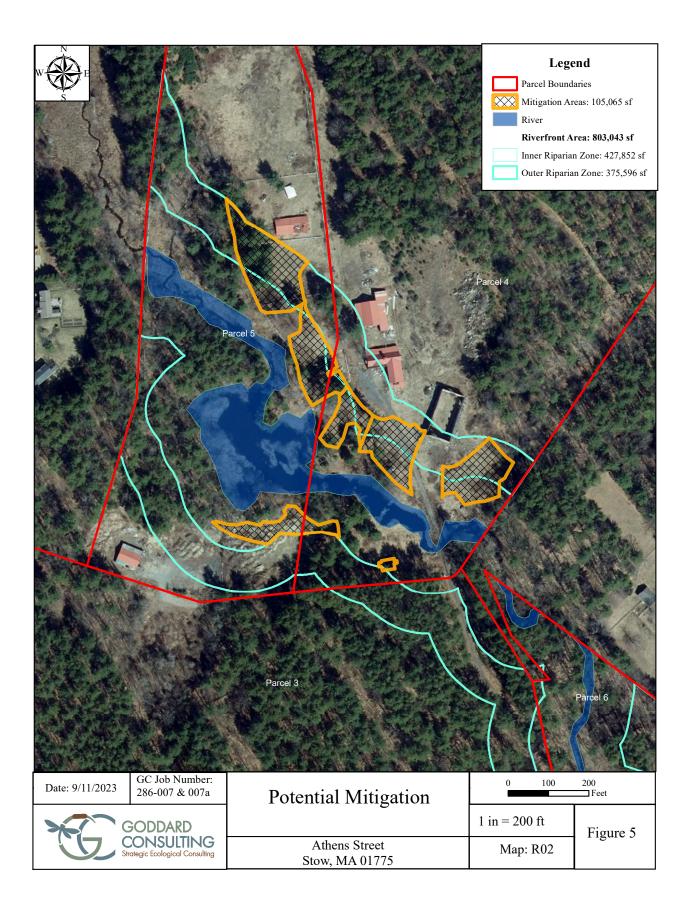
Trees to be cut:

3.6.1 <u>Mitigation</u>

As can be seen in the analysis above, work as proposed will create 28,340 more degraded surfaces consisting of buildings, pavement, and roadways in the outer riparian zone; however it will decrease the amount of disturbed areas by 53,603 sf and create and additional 25,263 sf of natural areas by the removal of a building within the 100-ft riverfront area (see Figure 2 (the red building located within the green natural area), the creation of wetland replication areas and by allowing the field areas to remain un-developed in perpetuity (see Mitigation Figure 5).

Mitigation for impacts to the riverfront area will be mitigated by the preservation of 105,065 sf of upland field presently on site with the 0-100 and 100-200 ft Riverfront Area. This land as outlined in Figure 5 will remain undeveloped and un-maintained in perpetuity. This will create a natural inner and outer riparian zone for animals to utilize and will also provide protection to the river by the preservation of the Act's statutory interests (public and private water supply, ground water supply, flood control, storm water damage, prevention of pollution, prevention of erosion, protection of fisheries and protection of wildlife). The preserved meadow will be protected from encroachment of lawns, vegetation maintenance/mowing and people since the stormwater management systems will be located directly up-gradient and act as a natural buffer to the preserved area.





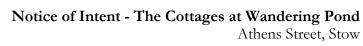


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3.6.2 <u>Riverfront Performance Standards – Wetlands Protection Act</u>

§ 10.58	The area of land between a river's mean ann	ront Area: ual high-water line and a parallel line measured zontally
	Performance Standard	Compliance
10.58 (5)	Notwithstanding the provisions of 310 CMR 10.58(4)(c) and (d), the issuing authority may allow work to redevelop a previously developed riverfront area, provided the proposed work improves existing conditions. Redevelopment means replacement, rehabilitation or expansion of existing structures, improvement of existing roads, or reuse of degraded or previously developed areas. A previously developed riverfront area contains areas degraded prior to August 7, 1996 by impervious surfaces from existing structures or pavement, absence of topsoil, junkyards, or abandoned dumping grounds. Work to redevelop previously developed riverfront areas shall conform to the following criteria:	Degraded areas within the 200-ft Riverfront area existed prior to 1996 (see ortho-photos in section one of this report). Degraded and disturbed areas include a landscaping company building in the southwestern section of the site with associated gravel yard that have piles of debris and trash, areas of asphalt, and gravel access roads. The center of the site has several on-site buildings, roadways and pavement/stone areas and areas of tree and shrub vegetation removal. The project will reuse existing degraded and developed areas; such as buildings, gravel roadways, stone areas and disturbed vegetational areas within the 200-ft Riverfront area. The work to redevelop these areas will conform with 310 CMR 10.58(5) redevelopment criteria as follows.
10.58 (5)(a)	(a) At a minimum, proposed work shall result in an improvement over existing conditions of the capacity of the riverfront area to protect the interests identified in M.G.L. c. 131 § 40. When a lot is previously developed but no portion of the riverfront area is degraded, the requirements of 310 CMR 10.58(4) shall be met.	The site is presently degraded with existing buildings, pavement and gravel areas. Proposed work will result in an improvement over existing conditions of the riverfront area for the following reasons: 1. Improvement to stormwater management by the creation of new stormwater management basins 2. Improvement to wildlife habitat by the creation of a more densely vegetated inner and outer riparian zone by the planting of native trees and shrubs in the wetland mitigation areas. 3. The removal of a building (1084 sf) out of the inner riparian zone.





		For these reasons, Goddard believes the proposed project is an improvement over existing conditions and complies with 10.58 (5)(a).
10.58 (5)(b)	(b) Stormwater management is provided according to standards established by the Department.	Stormwater management will be provided according to DEP standards. For details on stormwater management, please refer to the Stormwater Report and site plan details. The proposed project therefore complies with
10.58 (5)(c)	(c) Within 200 foot riverfront areas, proposed work shall not be located closer to the river that existing conditions or 100 feet, whichever is less, or not closer than existing conditions within 25 foot riverfront areas, except in accordance with 310 CMR 10.58(5)(f) or (g)	10.58 (5)(b). Currently there is 11,308 sf of degraded area (buildings and impervious surfaces) within the 0-100-ft Riverfront area and a 1,084 sf building 70-ft from the Mean Annual High Water line which is proposed to be removed and allowed to revegetate. Work as proposed will not be located closer than existing conditions. New buildings will be located outside the 100-ft Riverfront area, more than 30-ft
	(d) Proposed work, including expansion of existing structures, shall be located outside the riverfron	
10.58 (5)(d)	area or toward the riverfront area boundary and away from the river, except in accordance with 310 CMR 10.58(5)(f) or (g).	conditions. New buildings will be located mostly outside the 100-ft Riverfront area, more than 30-ft away from existing structures. The proposed project therefore complies with
10.58 (5)(e)	(e) The area of proposed work shall not exceed the amount of degraded area, provided that the proposed work may alter up to 10% if the degraded area is less than 10% of the riverfron area, except in accordance with 310 CMR 10.58(5)(f) or (g).	the Degraded Riverfront Area is 80,304 sf. Currently there is 6.5% of the Riverfront Area
10.58 (5)(f)	(f) When an applicant proposes restoration on-site of degraded riverfront area, alteration may be allowed notwithstanding the criteria of 310 CMR 10.58(5)(c), (d), and (e) at a ratio in square feet of at least 1:1 of restored area to area of alteration not conforming to the criteria	The proposed project therefore complies with 10.58 (5)(e).

Notice of Intent - The Cottages at Wandering Pond Athens Street, Stow



	Areas immediately along the river shall be	
	selected for restoration. Alteration not	
	conforming to the criteria shall begin at the	
	riverfront area boundary. Restoration shall	
	include:	
	1. removal of all debris, but retaining	
	any trees or other mature vegetation;	
	2. grading to a topography which reduces	
	runoff and increases infiltration;	
	3. coverage by topsoil at a depth	
	consistent with natural conditions at	
	the site; and	
	4. seeding and planting with an erosion	
	control seed mixture, followed by	
	plantings of herbaceous and woody	
	species appropriate to the site;	
	(g) When an applicant proposes mitigation either	
	on-site or in the riverfront area within the same	The proposed project therefore complies with
	general area of the river basin, alteration may	10.58 (5)(e)
	be allowed notwithstanding the criteria of 310	10.36 (3)(c)
	CMR 10.58(5)(c), (d), or (e) at a ratio in	
	1 2 1 2 1 2	
	square feet of at least 2:1 of mitigation area to	
	area of alteration not conforming to the criteria	
	or an equivalent level of environmental	
	protection where square footage is not a relevant	
	measure. Alteration not conforming to the	
	criteria shall begin at the riverfront area	
	boundary. Mitigation may include off-site	
	restoration of riverfront areas, conservation	
	restrictions under M.G.L. c. 184, §§ 31	
10.58	through 33 to preserve undisturbed riverfront	
(5)(g)	areas that could be otherwise altered under 310	
	CMR 10.00, the purchase of development	
	rights within the riverfront area, the restoration	
	of bordering vegetated wetland, projects to	
	remedy an existing adverse impact on the	
	interests identified in M.G.L. c. 131, $\int 40$ for	
	which the applicant is not legally responsible, or	
	similar activities undertaken voluntarily by the	
	applicant which will support a determination by	
	the issuing authority of no significant adverse	
	impact. Preference shall be given to potential	
	mitigation projects, if any, identified in a River	
	Basin Plan approved by the Secretary of the	
	Executive Office of Energy and Environmental	
	Affairs.	
	1 1 Juli 3.	



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	(h) The issuing authority shall include a continuing	
	condition in the Certificate of Compliance for	The proposed project therefore complies with
	projects under 310 CMR 10.58(5)(f) or (g)	10.58 (5)(e).
	prohibiting further alteration within the	
10.50	restoration or mitigation area, except as may be	
10.58	required to maintain the area in its restored or	
(5)(h)	mitigated condition. Prior to requesting the	
	issuance of the Certificate of Compliance, the	
	applicant shall demonstrate the restoration or	
	mitigation has been successfully completed for at	
	least two growing seasons.	

3.7 <u>BORDERING LAND SUBJECT TO FLOODING IMPACTS, MITIGATION AND PERFORMANCE STANDARDS</u>

The roadway construction will impact 2,336 cf of flood storage. Replication is proposed within 200 feet of each impact area and will be replicated at each impacted elevation for a total of 2,587 cf (more than 110%). Please refer to pages 53 and 75 of the plan set for impact locations, replication locations, and storage volumes impacted and to be restored at each elevation.





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3.7.1 BLSF Performance Standards – Wetlands Protection Act

§ 10.57	An area with low, flat topography adjacent	Subject to Flooding: to and inundated by flood waters rising from ams, ponds, or lakes.
	Performance Standard	Compliance
10.57 (4)(a)(1)	Compensatory storage shall be provided for all flood storage volume that will be lost as the result of a proposed project within Bordering Land Subject to Flooding, when in the judgment of the issuing authority said loss will cause an increase or will contribute incrementally to an increase in the horizontal extent and level of flood waters during peak flows. (1) Compensatory storage shall mean a volume not previously used for flood storage and shall be incrementally equal to the theoretical volume of flood water at each elevation, up to and including the 100-year flood elevation, which would be displaced by the proposed project. Such compensatory volume shall have an unrestricted hydraulic connection to the same waterway or water body. Further, with respect to waterways, such compensatory volume shall be provided within the same reach of the river, stream or creek.	The project proposes 2336 cf of floodplain fill. More than 110% of this impact (or 2587 cf) will be restored via flood storage compensation areas, which exceeds the standard and meet the local bylaw standard. These flood compensation areas are located adjacent to the impact areas along the same hydrologic connection.
10.57 (4)(a)(2)	(2) Work within Bordering Land Subject to Flooding, including that work required to provide the above-specified compensatory storage, shall not restrict flows so as to cause an increase in flood stage or velocity.	Work will not restrict flow or cause an increase in flood storage or velocity since more than 110% of the flood storage impacted will be restored.
10.57 (4)(a)(3)	(3) Work in those portions of bordering land subject to flooding found to be significant to the protection of wildlife habitat shall not impair its capacity to provide important wildlife habitat functions. Except for work which would adversely affect vernal pool habitat, a project or projects on a single lot, for which Notice(s) of Intent is filed on or after November 1, 1987, that (cumulatively) alter(s) up to 10% or 5,000 square feet (whichever is less) of land in this resource area found to be significant to the protection of wildlife habitat, shall not be deemed to impair its capacity to provide important wildlife habitat functions. Additional alterations beyond the above threshold, or altering vernal pool habitat, may be permitted if they will have no adverse effects on wildlife	2,336 square feet of flood storage is proposed, which is below the 5000 sf threshold for a wildlife habitat assessment for this resource. Additionally, there are no rare or endangered species or certified or potential vernal pools mapped on or nearby the site.



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habitat, as determined by procedures contained in 310
CMR 10.60.

3.7.2 <u>BLSF Performance Standards – Town of Stow</u>

The Town of Stow's Local Bordering Land Subject to Flooding Performance Standards are as follows:

- (A) Provide at least 110% compensatory storage volume for any flood storage capability lost by reason of the activity, either temporarily or permanently; and
- (B) Maintain or increase the capacity of the area to recharge groundwater supplies; and
- (C) Maintain or increase the capacity of the area to prevent pollution of groundwater supplies by filtration; and
- (D) At least 10% of the original flood storage area shall overlap the replacement area.
- (E) Surface contours shall not be changed in such a way to divert water away from the flood area.

Compliance with Local Bylaw

- A. The project proposes 2,336 cf of impact to flood storage and 2,587 cf of compensatory flood storage. This is more than the required state threshold and more than the local 110% amount.
- B. The flood storage capacity and capacity of the area to prevent pollution of groundwater supplies by infiltration will occur since the restored capacity will be greater than 110% of that which was lost.
- C. The BLSF compensatory flood storage will overlap the replacement areas.
- D. And surface contours shall not be changed in such a way to divert water away from the flood area.

4.0 STREAM CROSSING STANDARDS

The project involves the replacement of three existing stream crossings. The first existing crossing (Crossing One) is a wooden bridge with stone abutments (19.20-feet long), with a cross-sectional width of 5.25 feet and a cross sectional height of 3.5 feet. The bridge is proposed to be replaced with a 39.6-foot concrete open bottom box culvert with a cross-sectional width of 14.5 feet and a cross sectional height of 6.58 feet. The applicant also proposes a weir upgradient of the crossing with a rectangular orifice measuring 9.62 feet in width and 1.9 feet in height.

The second existing crossing (Crossing Two) consists of two reinforced concrete pipes (41.1-feet and 48.7-feet long), measuring 3.5 feet and 2 feet in diameter. The pipes are proposed to be replaced with 35-foot concrete open bottom box culverts with cross-sectional widths of 10.67 feet and cross sectional heights of 6 feet. The applicant also proposes a weir upgradient of the crossing with two circular orifices measuring 3.05 feet and 1.99 feet in diameter.

The existing location of the proposed third crossing (Crossing Three) consists of a beaver dam and cart path. The dam is proposed to be replaced with a 12-foot concrete open bottom box culvert with a cross-sectional width of 12.0 feet and a cross sectional height of 4.5 feet. The applicant also proposes a weir upgradient of the crossing with an orifice measuring 7.3 feet in width.



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Regulatory Citation:

310 CMR 10.04 Definitions

<u>Massachusetts River and Stream Crossing Standards or the Stream Crossing Standards</u> means the standards developed by the River and Stream Continuity Partnership as corrected on March 8, 2012.

310 CMR 10.54(4)6.

6. Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.54(4)(a) provided the work is performed in compliance with the Massachusetts Stream Crossing Standards by consisting of a span or embedded culvert in which, at a minimum, the bottom of a span structure or the upper surface of an embedded culvert is above the elevation of the top of the bank, and the structure spans the channel width by a minimum of 1.2 times the Bankfull width. This presumption is rebuttable and may be overcome by the submittal of credible evidence from a competent source. Notwithstanding the requirement of 310 CMR 10.54(4)(a)5., the impact on bank caused by the installation of a stream crossing is exempt from the requirement to perform a habitat evaluation in accordance with the procedures contained in 310 CMR 10.60.

This section documents the three proposed stream crossings (referred to as Crossing #1, Crossing #2, and Crossing #3) and associated specifications and regulatory compliance under the The Massachusetts River and Stream Crossing Standards. The Stow Wetlands Protection Bylaw and Regulations do not state performance standards for stream crossings.

Proposed Design:

Crossing One:

The project design proposes a 14.5' x 6.58' culvert that is 39.64-feet long and an associated weir with a 9.62' x 1.9' orifice.

The average width of the culvert is required to be 1.2 times the Bankfull width (1.2 x 8 = 9.6 feet); the proposed culvert is 14.5 feet wide and therefore is considerably wider than required. This allows for a 4.9-foot flat bank within the culvert.

The openness ratio is required to be greater than 0.82. The culvert height is 3.5-feet, width is 14.5-feet, and length is 38.9-feet. This amounts to an openness ratio of 1.30 feet ($(3.5 \times 14.5)/38.9=1.30$ feet), which exceeds the required 0.82.

Crossing Two:

The project design proposes a crossing structure that consists of two 10.67' x 6.0' culverts that are 35.0-feet long and an associated weir with two orifices measuring 1.99' and 3.05' in diameter.

Crossing Two does not meet the 1.2 bankfull width requirement; however will create a betterment on site. The reasoning behind the proposal to utilized two open box culverts at Crossing Two is a result of the Commission's request that the two existing piped stream channels presently crossing under the gravel roadway line up with proposed conditions so that the stream channels are not re-routed, and the inlet and outlets of both existing culverts are located in the same areas as the proposed culverts

Crossing Three:

The project design proposes a 12' x 4.5' culvert that is 12-feet long and an associated weir with an orifice measuring 7.3-feet in width.



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The average width of the culvert is required to be 1.2 times the Bankfull width (1.2 x 8.52 = 10.22 feet); the proposed culvert is 12 feet wide and therefore is considerably wider than required. This allows for a 1.78-foot flat bank within the culvert.

The openness ratio is required to be greater than 0.82. The culvert height is 4.5-feet, width is 12-feet, and length is 12-feet. This amounts to an openness ratio of 4.5 feet ($(4.5 \times 12)/12=4.5$ feet), which exceeds the required 0.82.

Proposed Stream Crossing Regulation Compliance

The Massachusetts River and Stream Crossing Standards, or the Stream Crossing Standards developed by the River and Stream Continuity Partnership as corrected on March 8, 2012, has a "General Standards" section as well as a distinct section addressing replacing existing culverts. This section can be found on pages 17-18 under "Applying the Standards To Culvert Replacement Projects."

The project complies with all the "General Standards," and reduces the length of the culverts in Crossing #2 from 41.1-feet and 48.7-feet to 35-feet, which is a significant improvement. Therefore, the additional allowances under culvert replacements are not needed to comply with the standards.

General Standards:

1. Spans (bridges, 3-sided box culverts, open-bottom culverts or arches) that preserve the natural stream channel are strongly preferred.

<u>Crossing One</u>: The proposed culvert is a 3-sided box culvert designed to maintain the existing stream channel.

<u>Crossing Two</u>: The proposed culverts are 3-sided box culverts designed to restore the natural stream channel.

<u>Crossing Three</u>: The proposed culvert is a 3-sided box culvert designed to match the natural stream channel up and downstream from the existing beaver dam.

- 2. If a culvert, then it should be embedded:
 - a minimum of 2 feet for all culverts,
 - a minimum of 2 feet and at least 25 percent for round pipe culverts
 - when embedment material includes elements > 15 inches in diameter, embedment depths should be at least twice the D84 (particle width larger than 84 % of particles) of the embedment material

Crossing One: The proposed culvert footings are embedded 4 feet into the firm bearing soil for stability.

<u>Crossing Two</u>: The proposed culvert footings are embedded 4 feet into the firm bearing soil for stability.

<u>Crossing Three</u>: The proposed culvert footings are embedded 4 feet into the firm bearing soil for stability.

3. Spans channel width (a minimum of 1.2 times the Bankfull width)

<u>Crossing One</u>: At 14.5-feet wide, the proposed culvert is wider than 1.2 times the Bankfull width $(1.2 \times 8 = 9.6 \text{ feet})$.



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<u>Crossing Two</u>: Due to the existing width of the stream in this area and the design suggested by the Agent C1.2 Bankfull width is met.

<u>Crossing Three</u>: At 12-feet wide, the proposed culvert is wider than 1.2 times the Bankfull width $(1.2 \times 8.52 = 10.22 \text{ feet})$.

4. Natural hottom substrate within the structure.

<u>Crossing One</u>: The proposed culvert provides for maintained existing substrate and bank material within the culvert. Riprap with a median diameter of 0.26 feet will be used to stabilize the channel, bank, and sloped embankment.

<u>Crossing Two</u>: The proposed culvert provides for a restored natural substrate and bank material within the culvert. Riprap with a median diameter of 0.26 feet will be used to restore the channel and bank.

<u>Crossing Three</u>: The proposed culvert provides for substrate and bank material within the culvert that will match the natural stream channel up and downstream from the existing beaver dam.

5. Designed with appropriate bed forms and streambed characteristics so that water depths and velocities are comparable to those found in the natural channel at a variety of flows.

<u>Crossing One</u>: The proposed culvert has been designed with a preceding weir with a 9.62' x 1.9' rectangular orifice. The purpose of this weir is to preserve the natural water level in the upgradient pond and mitigate existing overtopping of the road during periods of high flow. The weir has been designed to allow water to overtop the weir and flow under the road without exceeding the FEMA 100-year flood elevation. The proposed weir will be constructed in accordance with the calculations in the attached Culvert and Weir Analysis (Stamski And McNary, Inc. 2023).

Crossing Two: The proposed culvert has been designed with a preceding weir with two round orifices measuring 3.05' and 1.99' in diameter. The purpose of this weir is to mitigate existing overtopping of the road during periods of high flow. The weir has been designed to allow water to overtop the weir and flow under the road without exceeding the FEMA 100-year flood elevation. The proposed weir will be constructed in accordance with the calculations in the attached Culvert and Weir Analysis (Stamski And McNary, Inc. 2023).

<u>Crossing Three</u>: The proposed culvert has been designed with a preceding weir with a 7.3-foot wide orifice. The purpose of this weir is to preserve the natural water level in the upgradient pond and mitigate existing overtopping of the road during periods of high flow. The weir has been designed to allow water to overtop the weir and flow under the road without exceeding the FEMA 100-year flood elevation. The proposed weir will be constructed in accordance with the calculations in the attached Culvert and Weir Analysis (Stamski And McNary, Inc. 2023).

6. Openness > 0.82 feet (0.25 meters)

<u>Crossing #One</u>: The proposed culvert height is 3.5-feet, width is 14.5-feet, and length is 38.9-feet. This amounts to an openness ratio of 1.30 feet $((3.5 \times 14.5)/38.9=1.30 \text{ feet})$, which exceeds the required 0.82.



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<u>Crossing Two</u>: Due to the proposed design this crossing does not meet the openness ratio; however, will create an improvement over existing conditions.

<u>Crossing Three</u>: The proposed culvert height is 4.5-feet, width is 12-feet, and length is 12-feet. This amounts to an openness ratio of 4.5 feet $((4.5 \times 12)/12=4.5 \text{ feet})$, which exceeds the required 0.82.

7. Banks should be present on each side of the stream matching the horizontal profile of the existing stream, and banks

<u>Crossing One</u>: The proposed culvert has been designed with a grade that will match the horizontal profile of the existing stream and banks. Banks will connect to the embankment slope to allow for safe wildlife passage past the proposed weir.

<u>Crossing Two</u>: The proposed culvert has been designed with a grade that will restore the horizontal profile of the natural stream and banks. Banks will connect to the embankment to allow for safe wildlife passage past the proposed weir.

<u>Crossing Three</u>: The proposed culvert has been designed with a grade that will the horizontal profile of the natural stream and banks up and downstream of the existing beaver dam. Banks will connect to the embankment to allow for safe wildlife passage past the proposed weir.

5.0 WILDLIFE HABITAT ANALYSIS

The thresholds that are triggered by this project include Riverfront and Bank impacts. The complete Wildlife Habitat Analysis conducted by Goddard's Wildlife Biologist will be submitted under a separate cover.

6.0 ALTERNATIVES ANALYSIS

Since some work is proposed within the Riverfront Area, the applicant has provided the following analysis of alternatives in accordance with §10.58(4)(c) of the Wetlands Protection Act. Alternatives were analyzed for potential viability and practicality given the site's environmental stormwater design constraints.

Alternative 1.

In an effort to reduce all Riverfront impacts and Bordering Vegetated Wetland (BVW) impacts access was investigated to see if uplands on site can be accessed without impacting these resources.

The site consists of 8 parcels (see Existing On-Site Conditions Figure). There is no access to the site from the north or south and the only access to the site is from the east and west which requires the crossing of a river. Access to the northern uplands also requires a river crossing. BVW was avoided in the crossings themselves however the width of the roadway impacts some BVW (all of which is under the 5,000-sf threshold). As a result, river and BVW impacts are un-avoidable.

Alternative 2.

In an effort to reduce proposed inner riparian impacts an effort was made to move the proposed stormwater basin located near Wondering Pond Way out of the 200-ft riverfront area. This is not possible since there is not enough room on site with associated leaching areas.

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7.0 CONCLUSION

In summary, Goddard Consulting believes that the proposed project will not have any adverse impacts on the interests identified in the Wetlands Protection Act or the Town of Stow's Wetland Bylaw and Regulations. The project has been designed with sensitivity to the resource areas on site. The proposed project meets all regulatory compliance standards under the Wetlands Protection Act and the Town of Stow's Wetland Bylaw. As a result, Goddard Consulting respectfully requests that the Stow Conservation Commission issue an Order of Conditions approving the proposed project.