Bay Colony Group, Inc.

Professional Civil Engineers & Land Surveyors

4 School Street, PO Box 9136
Foxborough, Massachusetts 02035
Telephone (508) 543-3939 • Fax (508) 543-8866
E-mail: mailbox@baycolonygroup.com

NOTICE OF INTENT WETLANDS PROTECTION ACT MASS G.L.C. 131, SECTION 40

10 Barros Lane Foxborough, MA

April, 2021

PREPARED FOR:

River Ridge Holdings, LLC

14 Camp Road

Foxborough, MA 02035

Bay Colony Group, Inc.

Professional Civil Engineers & Land Surveyors

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Foxborough, Massachusetts 02035
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April 2, 2021

Mr. Robert W. Boette, Chairman Foxborough Conservation Commission 40 South Street Foxboro, MA 02035

RE: 10 BARROS LANE FOXBOROUGH, MA

Dear Mr. Boette,

On behalf of our client, River Ridge Holdings, LLC, we are submitting herewith a Notice of Intent pursuant to MGL Chapter 131, S.40, Wetlands Protection Act (WPA) and Article 267 of the General Bylaws of the Town of Foxborough for the construction of a 4-bedroom, single family home at 10 Barros Lane (Lot 11 River Ridge) that lies within the 100' buffer to a bordering vegetated wetland (BVW).

Enclosed please find 8 copies of the Notice of Intent, which includes a sewage disposal system design plan prepared by this office. All abutting owners within 100' of the property have been notified about the proposed work by certified mail. A check in the amount of \$262.50 based on the WPA fee of \$500 and a check in the amount of \$500.00 based on the local bylaw is enclosed.

The property is located at 10 Barros Lane, which consists of a 25,671+/- square foot parcel of land that lies on the north side of Barros Lane about 500' northwest of the intersection with Souza Avenue (**Appendix A**). The lot is a part of the second phase of the River Ridge Subdivision. The lot gradually slopes from the southeast corner of the property northwest for about a 150' then there is a steep slope to the back northwest corner of the lot. The front of the lot adjacent to Barros Lane has a proposed elevation of 196' which will slope up to the proposed home which has an elevation of 200.2' around it.

The Owner proposes to construction a 4-bedroom single-family home on the property along with the associated grading, utilities and driveway. A portion of the home and the associated grading will lie within the 100' buffer zone to a BVW. About 3,056+/- sf of the 100' buffer zone will be altered due to the grading and about 271+/- sf will be altered due to the construction of the home. In total about 3,326+/- sf of alterations will take place within the 100' buffer zone. The proposed home will sit about 85' from the BVW at its closest point and the proposed grading will take place about 68' from the BVW at its closet point. No work is proposed within 25' No -disturb zone of the BVW. The home will be serviced by a septic system located on the western side of the property and will consist of a conventional septic system. The septic field will be located at least 150' from the BVW and the

septic tank will be located at least 100' from the BVW, which meets the commission's setback requirements. See the attached sewage disposal system design plan for details of the work described.

Access to the site will take place over Barros Lane. Erosion control for this project will consist of a 12" mulch filled silt sock barrier installed along the eastern property line to ensure that sediment does not migrate into the BVW and that no work will take place beyond the property line. Once the site has been stabilized the sock will be removed.

In compliance with the Massachusetts Endangered Species Act (MESA) Permit issued on January 14, 2020; The open space has been monumented and marked with signage to ensure no work will take place beyond the limit of work previously outlined and that the parcel of land designated for the species habitat will remain undisturbed.

The sequence of construction for the project is as follows:

Spring 2021

Construction of Barros Lane

Summer 2021

Construction of the single-family home Construction of the sewage disposal system

This sequence is subject to change based on weather, availability of materials, and personnel.

Thank you for your consideration and please feel free to contact me should you have any questions or concerns that you would like us to address prior to the public hearing.

Very truly yours,

BAY COLONY GROUP, INC.

William R. Buckley, Jr., P.E.

Project Manager

encl.

List of Documents

Previous Page – Letter to Conservation Commission

WPA Form 3 – Notice of Intent
Wetland Fee Transmittal Form
Copies of Checks
Town of Foxborough Checklist

Form of Notification to Abutters

List of Abutters

Appendix A

USGS Quadrangle Map Extract FEMA Flood Insurance Rate Map MassGIS Extract

Appendix B

Massachusetts Endangered Species Act (MESA) Permit

Attachments

Sewage Disposal System Design of 10 Barros Lane Foxborough, MA dated March 30, 2021



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.

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 Foxborough Wetlands Protection Bylaw, Ch. 267

(To be provided by MassDEP)

MassDEP File Number

Foxborough Town

A. General Information

10 Por	ros Lane	(*avbarauab	02025
a. Street A		Foxborough b. Town	02035 c. Zip Code
a. Ollect A	udiess	45° 03' 12"N	71° 13' 19"W
Latitude	and Longitude:	d. Latitude	e. Longitude
123	-		e. Longitude
	rs Map/Plat Number	008 g. Parcel /Lot Number	
I. ASSESSUI	s wap/Frat Number	g. Parcer/Lot Number	
Applica	nt:		
Mark		Carroll	
a. First Nar	ne	b. Last Name	
River F	Ridge Holdings, LLC		
c. Organiza			
14 Can	np Road		
d. Street A	·		
Foxbor	ough	MA	02035
e. City/Tow		f. State	g. Zip Code
508.95	4.4804	carrollcorp92@gmail.c	
			· · · · ·
Property Same a. First Nar	owner (required if different from	j. Email Address m applicant):	if more than one owner
Property Same	owner (required if different from	m applicant):	if more than one owner
Property Same	owner (required if different from	m applicant):	if more than one owner
Property Same a. First Nar	owner (required if different from	m applicant):	if more than one owner
Property Same a. First Nar c. Organiza	owner (required if different from	m applicant):	if more than one owner
Property Same a. First Nar c. Organiza d. Street Ad	r owner (required if different from	n applicant):	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N	r owner (required if different from	b. Last Name	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N	ne ddress n umber i. Fax Number ntative (if any):	b. Last Name f. State j. Email address	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N	ne ddress n umber i. Fax Number ntative (if any):	b. Last Name f. State j. Email address Buckley, Jr.	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan	r owner (required if different from	b. Last Name f. State j. Email address	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr.	
Property Same a. First Nan c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co c. Company	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr.	
Property Same a. First Nan c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co c. Company	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr.	
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co c. Company 4 School d. Street Ad	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr. b. Last Name	g. Zip Code
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co c. Company 4 School d. Street Ad Foxbord	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr. b. Last Name	g. Zip Code
Property Same a. First Nar c. Organiza d. Street Ad e. City/Tow h. Phone N Represe William a. First Nan Bay Co c. Company 4 School d. Street Ad	r owner (required if different from	b. Last Name f. State j. Email address Buckley, Jr. b. Last Name	g. Zip Code 02035 g. Zip Code

\$262.50

c. WPA Fee/Town's Share

\$500

a. State WPA Fee/Total

\$237.50

b. WPA Fee/State's Share

\$500

d. Town Bylaw (Ch. 267) Fee



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

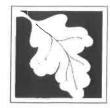
(To be provided by MassDEP)

MassDEP File Number

Foxborough	
Town	

A	. General Information (continued)						
6.	General Project Description:						
	Construction of a single family home along with the associated grading and utilities						
7a.	a. Project Type Checklist: (Limited Project Types see	e Se	ection	n A. 7b.)			
	1. Single Family Home	2.		Residential Sul	bdivision		
	3. Commercial/Industrial	4.		Dock/Pier			
	5. Utilities	6.		N/A - Coastal e	engineering Structure		
	7. Agriculture (e.g., cranberries, forestry)	8.		Transportation			
	9. Dther						
7b.	Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.53 (inland)? 1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.53 for a complete list and description of limited project types)						
	2. Limited Project Type						
	If the proposed activity is eligible to be treated as ar CMR 10.53(4)), complete and attach Appendix A: E and Signed Certification.						
	Property recorded at the Registry of Deeds for:						
	Norfolk			37544	112		
_	a. County b. Certificate # (if registered land)		C.	Book	d. Page Number		
3.	. Buffer Zone & Resource Area Impa	ac'	ts (1	temporary &	permanent)		
	Buffer Zone Only – Check if the project is located Vegetated Wetland, or Inland Bank.	∍d c	nly i	n the Buffer Zon	e of a Bordering		
	☐ Inland Resource Areas (see 310 CMR 10.54-10).58	3).				
	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.



WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

(То	be provided by MassDEP)
	MassDEP File Number
	Foxborough

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

	<u>R</u>	esource Area	Size of Proposed Alteration	(if any) Proposed Replacement
or all projects	a.	Bank	1. linear feet	2. linear feet
ffecting other Resource Areas, lease attach a	b.	☐ Bordering Vegetated Wetland	1. square feet	2. square feet
arrative xplaining how ne resource area	C.	☐ Land Under Waterbodies and Waterways	1. square feet	2. square feet
as delineated.			3. cubic yards dredged	
	d.	☐ Bordering Land Subject to Flooding	1. square feet	2. square feet
			3. cubic feet of flood storage lost	4. cubic feet replaced
	e.	☐ Isolated Land Subject to Flooding	1. square feet	
			2. cubic feet of flood storage lost	3. cubic feet replaced
	f.	Riverfront Area (if checked, complete #1-6)	1. Name of Waterway (if available)	
		2. Width of Riverfront Area (check one):		
		 25 ft Designated Densely Develo 100 ft New agricultural projects on 200 ft All other projects 		
		3. Total area of Riverfront Area on the site of	the proposed project:	uare feet
		4. Proposed alteration of the Riverfront Area:	·	
		a. total square feet b. square feet within 10	c. square feet between	100 feet and 200 feet
		5. Has an alternatives analysis been done an	d is it attached to this NOI?	☐ Yes ☐ No
		6. Was the lot where the activity is proposed	created prior to August 1, 199	96? Yes No
	3.	Bylaw Resource Areas (Foxborough Wetland	ls Protection Bylaw, Ch. 267;	No Activity Zones)
		a. 100 Foot Vernal Pool Adjacent Uplar	nd Resource Area	
		b. 25 Foot No Activity Zone		
	4,,	Restoration/Enhancement - If the project is for resource area in addition to the square footage please enter the additional amount here.		
		a. square feet of BVW		
	5. 🔲	Project Involves Stream Crossings		
		a. number of new stream crossings	b number of replacement stream	crossings



WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

Other Applicable Standards and Bequirements

(Т	o be provided by MassDEP)
	MassDEP File Number
	Foxborough
	Town

U.	Other	Applicable	Stanuarus	and Ke	:quireiii	ems	
	70.1. 1			. 4 42 1			

☐ This is a proposal for an Ecological Restoration Limited Project. If checked, skip Section C and complete Appendix A: Ecological Restoration Notice of Intent - Required Actions (310 CMR 10.11). Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review 1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm. If yes, include proof of mailing or hand delivery of NOI to: a. X Yes No Natural Heritage and Endangered Species Program 2020 Mass GIS Division of Fisheries and Wildlife, 1 Rabbit Hill Road b. Date of map Westborough, MA 01581 - Phone: (508) 389-6360 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.1.f, if applicable. If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below). c. Submit Supplemental Information for Endangered Species Review* 1. Percentage/acreage of property to be altered: (a) within wetland Resource Area percentage/acreage (b) outside Resource Area percentage/acreage 2. Assessor's Map or right-of-way plan of site 2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/ vegetation clearing line, and clearly demarcated limits of work ** (a) Project description (include description of impacts outside of wetland resource area & buffer zone) (b) Photographs representative of the site (c) MESA filing fee - Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP at above address (fee information available at https://www.mass.gov/regulatory-review) Projects altering 10 or more acres of land, also submit: (d) Vegetation cover type map of site (e) Project plans showing Priority & Estimated Habitat boundaries (f) OR - see next page

Some projects not in Estimated Habitat may be located in Priority Habitat (see http://www.mass.gov/eea/agencies/dfg/dfw/naturalheritage/regulatory-review/) and require NHESP 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.



WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

(To be provided by MassDEP)	
MassDEP File Number	_
Foxborough	
Town	

C. Other Applicable Standards and Requirements (continued)

	(f) OR Check One of the Following
	 Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-
	<u>priority-habitat</u> ; the NOI must still be sent to NHESP if the project is within estimated habitate pursuant to 310 CMR 10.59.)
	2. Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP
	 Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation and Management Permit with approved plan.
3.	For coastal projects only: 🛛 Not applicable in Foxborough
4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
	a. Yes No If yes, provide name of ACEC.
	Canoe River Aquifer b. ACEC
_	
5.	Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
	a. 🗌 Yes 🗵 No
6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A)?
	a. 🗌 Yes 🗵 No
7,,	Is this project subject to provisions of the MassDEP Stormwater Management Standards?
	a. Tess. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
	 Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
	2. A portion of the site constitutes redevelopment
	3. Proprietary BMPs are included in the Stormwater Management System.
	b. No. 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.
2	This is a proposed Ecological Postaration Limited Project (If checked akin Section D and

complete Appendix A: Ecological Restoration NOI; Minimum Required Documents (310 CMR 10.12).]



WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

(To be provided by MassDEP) MassDEP File Number Foxborough

Town

D

. Add	ditional Information			
Appli	cants must include the following with this Notic	ce of Intent (NOI). See instr	uctions for details.	
1. 🛚	USGS or other map of the area (along with a sufficient information for the Conservation Co			
2. 🛚	Plans identifying the location of proposed ac a Bordering Vegetated Wetland [BVW] replic to the boundaries of each affected resource	ation area or other mitigatin	proposed to serve as ng measure) relative	
3. 🗌	Identify the method for BVW and other resource Field Data Form(s), Determination of Applica and attach documentation of the methodolog	bility, Order of Resource Ar		
4. 🛛	List the titles and dates for all plans and othe	r materials submitted with t	his NOI.	
	Sewage Disposal System Design			
	a. Plan Title	Milliam Declare in	405040	
	Bay Colony Group, Inc. b. Prepared By	William Buckley, Jr., a	¥35813	
		1"=30'		
	d. Final Revision Date	e. Scale		
	f. Additional Plan or Document Title		g. Date	
	h. Additional Plan or Document Title		i. Date	
5. 🗌	If more than one property owner, attach a list	of property owners not liste	ed on this form.	
6. 🗌	Attach proof of mailing for Natural Heritage a	nd Endangered Species Pro	ogram, if needed.	
7. 🛛	Notice of Intent Application checklist			
8. 🖂	Abutter Notification Form			
9. 🗌	Affidavit of Service Form			
10. 🔲	Attach Stormwater Report with signed, stamp	oed Stormwater Checklist (t	ınless exempt).	
Fees	3			
1. 🗌	a. Fee Exempt: No filing fee shall be assessed to Commonwealth, municipal housing authority, of			
	 Applicants must submit the following inform pages 1 and 2 of the attached NOI Wetland 		ent (in addition to	
	000189	4/6/2021		
	k Number (town share of state fee [see A.5.c., page 1])	3. Check date (town sh	are of state fee)	
	000190	4/6/2021		
	k Number (Bylaw filing fee [see A.5.d, page 1])	5. Check date (Bylaw f	iling fee)	
	000188 Check Number (state share of state foe Isse A 5 h 1)	4/6/2021	ore of state filler feet	
	Check Number (state share of state fee [see A.5.b.])	7. Check date (state sh	rare or state filing fee)	
F	River Ridge Builders, LLC			

8. First Name of Payor on checks

E.

9. Last Name of Payor on checks



WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

(To be provided by MassDEP)

MassDEP File Number

Foxborough

Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I hereby grant permission, to the Agent or member of the Conservation Commission and the Department of Environmental Protection, to enter and inspect the area subject to this Notice at reasonable hours to evaluate the wetland resource boundaries, if included with this application, subject to this Notice, and to require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

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 frand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the project location.

Note	4/12/21
Signature of Applicant	2. Date
Frak Malorcey	5/3/21
3. Signature of Property Owner (if different)	4. Date
(uCCRIDU)	4-April 2021
Signature of Representative (if any)	6. Date

Tax Collector's Release

The above referenced applicant is applying for a permit from the Conservation Commission and is in good standing with respect to any taxes, fees, assessments, betterments or other municipal charges as recorded with the Foxborough Treasurer's Office.

1. Signature of Tax Collector or Agent 5/3/2/2. Date



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Ch. 267

(To be provided by MassDEP)

MassDEP File Number

Foxborough Town

F. Signatures and Submittal Requirements

Submittal Requirements (please refer to NOI Filing Instructions, downloadable at http://www.foxboroughma.gov/Pages/FoxboroughMA_Conservation/Forms)

For Foxborough Conservation Commission:

One original and seven (7) copies of this completed Notice of Intent (form 3), including supporting plans and documents (listed at section D. "Additional Information"), NOI Filing Check List, Abutter Notification, one copy of the NOI Wetland Fee Transmittal Form (see following page; attached), and the two town fee payments (Bylaw filing fee and town share of State filing fee), by certified mail or hand delivery to:

Foxborough Conservation Commission
Town Hall, 40 South Street, Foxborough, MA 02035

For MassDEP:

One copy of this completed Notice of Intent (form 3), including supporting plans and documents (listed at Section D), one copy of the NOI Wetland Fee Transmittal Form (attached), and a <u>copy</u> of the state fee payment (for State share, see below) by certified mail or hand delivery to:

MassDEP Southeast Regional Office 20 Riverside Drive, Lakeville, MA 02347

State share of the filing fee (check or money order, payable to the *Commonwealth of Massachusetts*) and the NOI Wetland Fee Transmittal Form by certified mail or hand delivery to:

Department of Environmental Protection Box 4062, Boston, MA 02211

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.



NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Foxborough Wetlands Protection Bylaw, Chapter 267



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





A. Applicant Information

1.	Location of Project						
	10 Barros Lane		Foxborough				
	a. Street Address		b. City/Town				
2.	Applicant Mailing A	Address:					
	Mark		Carroll				
	a. First Name		b. Last Name				
	River Ridge Holdin	gs, LLC					
	c. Organization						
	14 Camp Road	Road Foxborough MA	MA	02035			
	d. Mailing Address	e. City/Town	f. State	g. Zip C	ode		
	508.954.4804		carrollcorp92@gmail.com				
	h. Phone Number	i. Fax Number	j. Email Address	-			
3.	Property Owner (if different from Applicant):						
	Same						
	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 - Please see NOI Instructions before filling out worksheet.

Fees should be calculated using the following process and the worksheet on the next page.

Refer to Conservation Commission's website to download the Town and State Filing Fee Schedules: http://www.foxboroughma.gov/Pages/FoxboroughMA Conservation/Forms

State Wetlands Protection Act (WPA) Filing Fee Instructions

- Step 1/ Type of Activity: Describe each type of activity that will occur in a wetland resource area and/or buffer zone (the area within 100 feet of a wetland, or 200 feet of a river).
- 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 State Project Fee:

Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6a-c/ Fee Payments (State):

To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the 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 Foxborough Wetlands Protection Bylaw, Chapter 267



B. Fees (continued)

Town Bylaw Filing Fee Instructions

Step 1a/ Type of Activity:

Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2a/ Number of Activities: Identify the number of each type of activity.

Step 3a/ Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4a/ Subtotal Activity Fee: Multiply the number of activities (identified in Step 2a) times the fee per category (identified in Step 3a) 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 5a/ Total Bylaw Project Fees:

Determine the total project fee by adding the subtotal amounts from Step 4a.

Step 6d/ Fee Payment (Bylaw): Insert Step 5a fee payment amount.

Type of Activ	ity	Number of Activities	Individual Activity Fee	Subtotal Activity Fee		
State Filing Fees:	(Step 2)	(Step 3)	(Step 4)			
2.a Construction of SF	Ή	1	\$500	\$500		
Total State Filing	Fee: (Step	5)		\$500		
Bylaw Filing Fees:	(Step 1a)	(Step 2a)	(Step 3a)	(Step 4a)		
2.a Construction of SF	FH	1	\$500	\$500		
Total Bylaw Filing	Fee: (Step :	5a)		\$500		
Filing Fee Payments:	(Step 6)					
Total State Filing Fee:		ing amount on this 1, Section A.5.a)	\$500 a. Total State Fee from Step 5			
State's share of file (Paid to State [Bo		mount on this NOI Section A.5.b.)	\$237.50 b. 1/2 of (a), above, less \$12.50			
Town's share of fill (Paid to Town		mount on this NOI Section A.5.c.)	\$262.50 c. 1/2 of (a) above, plus \$12.50			
Bylaw Filing Fee : (Paid to Town o	of Foxborough)		mount on this NOI Section A.5.d.)	\$500 d. Total Bylaw Fee from Step 5		

See Submittal Requirements and Instructions on the next page.



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 Foxborough Wetlands Protection Bylaw, Chapter 267



C. Submittal Requirements

a. To Department of Environmental Protection:

Complete pages 1 and 2 of this NOI Wetland Fee Transmittal Form and send with a check or money order for the **State share of the filing fee**, payable to the *Commonwealth of Massachusetts*.

Department of Environmental Protection Box 4062 Boston, MA 02211

b. To the Foxborough Conservation Commission:

Send the Notice of Intent or Abbreviated Notice of Intent; one **copy** of this form and the Town fee payments (**Bylaw fee and town share of State fee**), payable to the *Town of Foxborough*.

Foxborough Conservation Commission 40 South Street Foxborough, MA 02035

c. To MassDEP Regional Office:

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.

MassDEP, Southeast Regional Office 20 Riverside Drive Lakeville, MA 02347

Instructions on the last page (page 7) of the attached NOI Form (above).

refer to the Submittal

For additional instructions, please

000188

River Ridge Builders, LLC PO Box 395

4/6/2021

Foxboro, MA 02035-0395 Commonwealth Of Mass *237.50 PAY TO THE ORDER OF_ **DOLLARS** Commonwealth Of Mass Mult Cull My **MEMO** 10 Barrows Lane 000189 Walpole Co-operative Bank 982 Main St. Walpole, MA 02081 River Ridge Builders, LLC 53-7306/2113 PO Box 395 4/6/2021 Foxboro, MA 02035-0395 262.50 Town of Foxboro PAY TO THE ORDER OF_ Two Hundred Sixty-Two and 50/100*** **DOLLARS** Town of Foxboro Mult Cull My **MEMO** 10 Barrows Lane 000190 Walpole Co-operative Bank 982 Main St. Walpole, MA 02081 53-7306/2113 River Ridge Builders, LLC PO Box 395 4/6/2021 Foxboro, MA 02035-0395 *500.00 Town of Foxboro PAY TO THE ORDER OF_ DOLLARS Town of Foxboro Mult Cull My **MEMO** 10 Barrows Lane

NOTICE OF INTENT APPLICATION CHECKLIST

This checklist, which is referred to in the Conservation Commission's *Filing Instructions for Notices of Intent Under the Foxborough Wetlands Protection Bylaw, Chapter 267*, has been designed to efficiently assist the applicant and the Commission through the review process. It applies to all filings under the Foxborough Wetlands Protection Bylaw, Chapter 267 (unless otherwise specifically stated). Close adherence to this checklist and the referenced *Filing Instructions* is recommended.

All of the following information will be required, unless exempted in writing by the Commission. After completing each item below, please check the box next to the item and, when finished, **include a copy of the completed checklist in your NOI application package**.

INFORMATION TO BE INCLUDED IN NOTICE OF INTENT NARRATIVE

<u>Exi</u>	STING CONDITIONS
\boxtimes	Description of topography, soils, and geology
\boxtimes	Description of vegetation types (upland or wetlands community types and plant species)
\boxtimes	USGS quadrangle map (most recent version), with site location circled (locus map)
	National Flood Insurance Program (NFIP) Flood Insurance Rate Map (FIRM), and associated Flood Profile Study if available, with site location circled
PRO	DPOSED CONDITIONS
\boxtimes	Description of activities, construction sequencing and estimated timetable, including future phases
\boxtimes	Description of indirect and direct impacts, both temporary and permanent, on wetland resource areas
	Calculations of lot's impervious areas, comparing pre-construction to post construction conditions
	Volume of fill required, if applicable, and source of fill
\boxtimes	Description of soil erosion and sediment control plan, including monitoring and measures to be taken to prevent negative impacts to resource areas
	Detailed mitigation plan for activities in the buffer zone to prevent long term, indirect impacts to adjacent resource areas
	Description of storm water management plan, including existing and proposed drainage areas
	Description of wastewater management plan, if applicable
	Description of wetlands restoration plan, if proposed, including area to be restored with existing and proposed topography contours (at one-foot intervals), description of soils, stockpile areas, plantings (including Latin names of plants/seeds and source of materials [both plants and soils]), invasive species eradication and monitoring plan and a timetable of proposed work.
	SITE VISIT REQUIREMENTS FOR REVIEW OF NOTICE OF INTENT
	following markings and flagging must be in place before the field inspection, where applicable. ure to properly stake and mark the site may result in delays, non-review, or denial of a proposed ect.
\boxtimes	Edges of wetlands must be flagged with numbered flags, as reflected on submitted project plans
\boxtimes	House number must be visible from the street, if work is proposed at a pre-existing house; if no house is on the property, the lot number must be posted and visible.
	Property boundaries must be staked with numbered stakes at all corners
	All proposed structures or additions, including decks, must be staked for identification purposes at all corners; stakes must be numbered and labeled, as reflected on submitted project plans
	Locations of septic tank, leaching field and wells (if in the buffer zone) must be staked and labeled

INFORMATION TO BE INCLUDED ON SITE PLANS

ALL PLANS

	ET LANO
\boxtimes	<u>Title Box</u> : Include the date, name and address of proposed project; owner and/or applicant name; preparer's name; scale (1 inch = 30 feet or less); north arrow; assessor's map/parcel number
\boxtimes	<u>Stamp/Signature</u> : Plan to be prepared and stamped by a registered professional engineer (PE) or land surveyor, as appropriate. At least one original signed copy of each plan must be submitted
	(Note: The professional who stamps the original plans must also stamp, sign and date revisions.)
\boxtimes	Locus Map: Include on a corner of plan's first page, at least 3" x 3" in size
\boxtimes	<u>Topography</u> : Contours at two-foot intervals or less; NAVD88 elevations (if available), or assumed datum and location of benchmark elevation
\boxtimes	Project Site: Include lot size(s) and property boundaries.
\boxtimes	Abutting Properties: Property owner names and property lines of abutting land parcels
	<u>Watershed Areas</u> : For projects that alter the stormwater runoff from the site, identify total watershed area in which site is located, all sub-watersheds on site, and on- and off-site discharge points
\boxtimes	<u>Test Pits</u> : Location, date and soil summaries of all soil borings and test pits on site; location, date and readings of groundwater level measurements on site
	Stone walls or other barriers located between the area of work and the area(s) subject to protection
\boxtimes	Easements: Location and type of easements, both on site and within 50 feet of property line
	Resource Areas and Buffer Zones
\boxtimes	Wetland Resource Areas: Boundaries of wetland resource areas on or within 100 feet of the proposed project area (200 feet for perennial streams and rivers), with flow directions, if applicable
\boxtimes	Wetland Flags: Numbered flags/stakes; note date of flagging and name/firm of delineator/botanist
	Bank: Delineate the banks of streams, rivers, ponds and/or lakes
\boxtimes	25 Foot No Activity Zone (Chapter 267)
	Bordering Land Subject to Flooding, including 100-year storm elevation (FEMA floodplain or highest observed or recorded elevation)
	Isolated Land Subject to Flooding, including highest observed or recorded water level
	Vernal Pools, (all) including highest observed or recorded water level
	Certified Vernal Pools: Boundary of 100 foot No Activity Zone (Chapter 267)
	High Water Level for all water bodies, from best available data (data source must be cited)
	Riverfront Area: Boundaries of 100 Foot Inner Riparian Area and 200 Foot Outer Riparian Area
	Mean Annual High Water Line (MAHWL) of any river
\boxtimes	100 Foot Buffer Zone (100-foot radius from all wetland resources areas)
	STING CONDITIONS PLANS
	Existing Topography: Contours at two-foot intervals or less
\boxtimes	Above-Ground: All on-site above-ground structures, roadways, access ways, stone walls, fences
\boxtimes	<u>Below-Ground</u> : All on-site below-ground structures, including but not limited to utility lines, drainage structures, septic systems, cesspools, wells, storage tanks
PRO	POSED CONDITIONS PLANS
\boxtimes	Proposed Topography: Contours at two-foot intervals or less; NAVD88 elevations or assumed datum
\boxtimes	Limit of Work: delineate all areas where vegetation or soil will be altered
\boxtimes	<u>Erosion Controls</u> : locations and type of temporary erosion controls, including installation details
	Stockpiles: locations of stockpiles
	Fill: Note the amount of fill required to be added or removed (in cubic yards and maximum
	thickness); pre- and post- development grades on all slopes

PRO	POSED CONDITIONS PLANS (continued)
	Construction Equipment access routes and storage/parking areas during proposed work
	<u>Construction Details</u> , including cross-sections and elevations of drainage structures (including but not limited to catch basins, leaching basins, dry wells, swales, retention areas, ditches, etc.) and road crossings in wetland resource areas
\boxtimes	<u>Above-Ground Alterations</u> : All on-site structures, roadways, access ways, stone walls, fences, and all other physical alterations proposed in the buffer zone; location and elevation of lowest floor of all structures; identify roadway or surface material proposed
\boxtimes	<u>Below-ground Alterations</u> : All on-site below-ground alterations and structures in the buffer zone, including but not limited to utility lines, drainage structures, septic systems, cesspools, wells, tanks
	<u>Drainage Patterns</u> : Existing natural drainage patterns and proposed alterations
	<u>Distance</u> of proposed on-site leaching facility to wetlands or other resource areas
	<u>Distance</u> of proposed alteration to wetlands or other resource areas
	Wells: Location of all existing and proposed wells on property and within 200 feet of project on abutting properties, and minimum distance to all septic systems

DOCUMENT SUBMISSION DEADLINES

NOI Application:

All documentation (including plans, maps, tables, charts, reports, etc.) to be considered as part of an applicant's permit filing must be submitted to the Commission by the application deadline, as posted in the Conservation Office in Town Hall and on the Commission's website. Application forms, instructions and deadlines can all be downloaded on the Commission's website:

http://www.foxboroughma.gov/Pages/FoxboroughMA Conservation/index

Continued Hearing Submissions:

All document and plan revisions must be received by the Conservation Department at least four business days before a scheduled (continued) hearing date.

Four days is the minimum time needed to allow the Conservation Commission and Conservation Manager to properly review and analyze new submissions. Documents that are not submitted at least four business days before the date of a continued hearing may be excluded from consideration during that hearing and held for discussion during a future Conservation Commission meeting.

NOTIFICATION TO ABUTTERS

Under the

Massachusetts Wetlands Protection Act & Foxborough Wetlands and Groundwater Protection Bylaw (Article IX)

(This form must be completed and mailed, certified mail return receipt requested, to all abutters within 100 feet of the proposed project)

In accordance with the second paragraph of Massachusetts Wetlands Protection Act (G.L. Ch. 131, §40), and §10.05(4)(a) of 310 CMR 10.00, and the Foxborough Wetlands and Groundwater Protection Bylaw (Article IX) and regulations, you are hereby notified of a public hearing on the matter described below:

A.	The applicant has filed a Notice of Intent with the Foxborough Conservation Commission seeking permission to alter an area subject to protection under the Wetlands Protection Act and the Foxborough Wetlands and Groundwater Protection Bylaw.
B.	The name of the applicant is River Ridge Holdings, LLC
C.	The address of the land where the activity is proposed is 10 Barros Lane Foxborough.
D.	The work proposed is construction of a single family home along with the associated grading and utilities.
E.	Copies of the Notice of Intent may be examined at the Conservation Commission's office, 40 South Street, Foxborough Town Hall, between 9 am and 4 pm, Monday through Thursday (please call first, to ensure that the Conservation Manager is in the office and not out on site visits).
	For more information, please call: <u>Bay Colony Group, Inc.</u> Check One: This is the <u>applicant</u> , <u>applicant</u> 's representative, or <u>other</u>
F.	Copies of the Notice of Intent may be obtained from either (check one) the applicant or the applicant's representative by calling 508.543.3939 from 8:00-5:00 on Monday through Friday.
G.	Information regarding the date, time and place of the public hearing may be obtained from either (check one) the applicant or the applicant's representative by calling 508.543.3939 from 8:00-5:00 on Monday through Friday.
	Conservation Commission meeting agendas may be viewed online at http://www.foxboroughma.gov/Pages/FoxboroughMA_ConsAgendas/

Notice of the public hearing, including date, time and place, will be published at least five business days in advance in The Sun Chronicle and will be posted in the Town Hall and online at least 48 hours in advance.

Contact the Foxborough Conservation Commission for information about this application or the Foxborough Wetlands and Groundwater Protection Bylaw or the Department of Environmental Protection (DEP) Southeast Regional Office for more information about this application or the Wetlands Protection Act.

Conservation Commission:

508-543-1251

http://www.foxboroughma.gov/Pages/FoxboroughMA_Conservation/index

DEP, Southeast Regional Office (Lakeville):

508-946-2836

Abutting Properties for 10 Barros Lane 128/008 (100 feet) 04/02/2021

Location:

108/005

COCASSET STREET

Owner:

TOWN OF FOXBOROUGH

40 SOUTH STREET

FOXBOROUGH, MA 02035

Location:

108/006

COCASSET STREET

Owner:

TOWN OF FOXBOROUGH

40 SOUTH STREET

FOXBOROUGH, MA 02035

Location:

123/008

EAST BELCHER ROAD

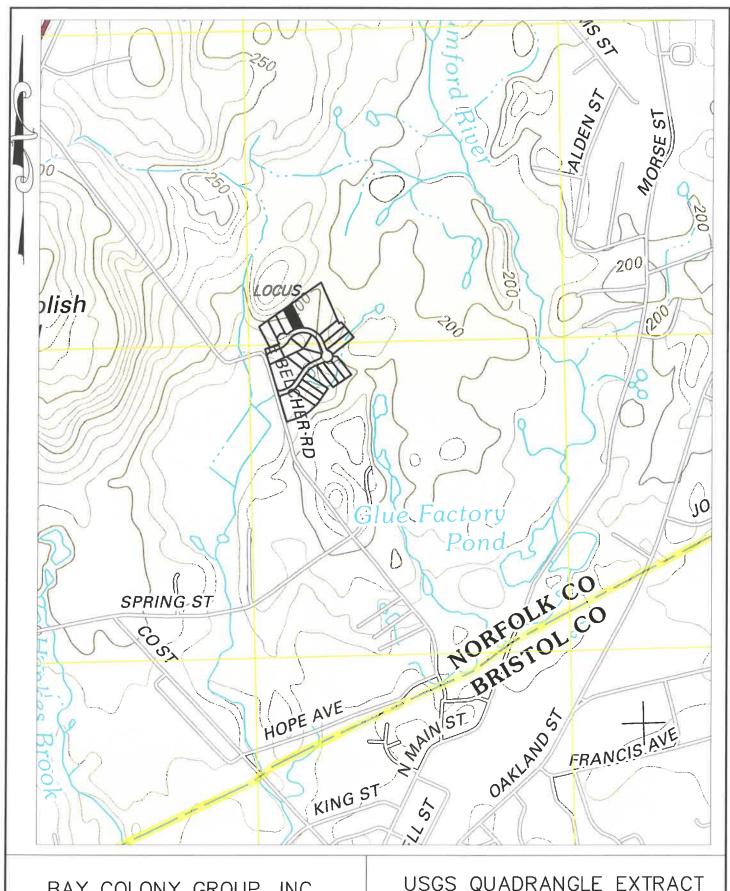
Owner:

RIVER RIDGE HOLDINGS LLC

14 CAMP ROAD

FOXBOROUGH, MA 02035

*USGS Quadrangle Map
*FEMA Flood Insurance Rate Map
* Rare Wetlands/Habitats/Wildlife Map



BAY COLONY GROUP, INC. FOUR SCHOOL STREET FOXBOROUGH, MA 02035 (508) 543-3939 USGS QUADRANGLE EXTRACT
10 BARROS LANE
FOXBOROUGH, MA
MANSFIELD QUADRANGLE
SCALE: 1"= 1000'

National Flood Hazard Layer FIRMette

71°13'37"W 42°3'24"N



MAP PANELS OTHER AREAS OF FLOOD HAZARD *OTHER AREAS 2,000 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020 71°13 W 42°258 N 1:6,000 AREA OF MINIMAL FLOOD HAZARD COCUS ■ Feet 0.2 PCT ANNUAL CHANCE FLOOD HAZARD 1,500 1,000 Town of Foxborough 200 250239

Legend

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

SPECIAL FLOOD HAZARD AREAS

With BFE or Depth Zone AE, AO, AH, VE. AR

Regulatory Floodway

Without Base Flood Elevation (BFE) Zone A. V. A99

0.2% Annual Chance Flood Hazard, Areas of 13% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone Future Conditions 1% Annual Chance Flood Hazard Zoue

Area with Reduced Flood Risk due to

Area with Flood Risk due to Levee Zone D Levee, See Notes, Zone X

No screen Area of Minimal Flood Hazard Zone N Effective LOMRs

Area of Undetermined Flood Hazard

- -- - Channel, Culvert, or Storm Sewer

GENERAL ---- Channel, Culvert, or Storm STRUCTURES | 1111111 Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance

www. Base Flood Elevation Line (BFE) Water Surface Elevation Coastal Transect 17.5

Jurisdiction Boundary Limit of Study

Coastal Transect Baseline

Hydrographic Feature Profile Baseline

OTHER

FEATURES

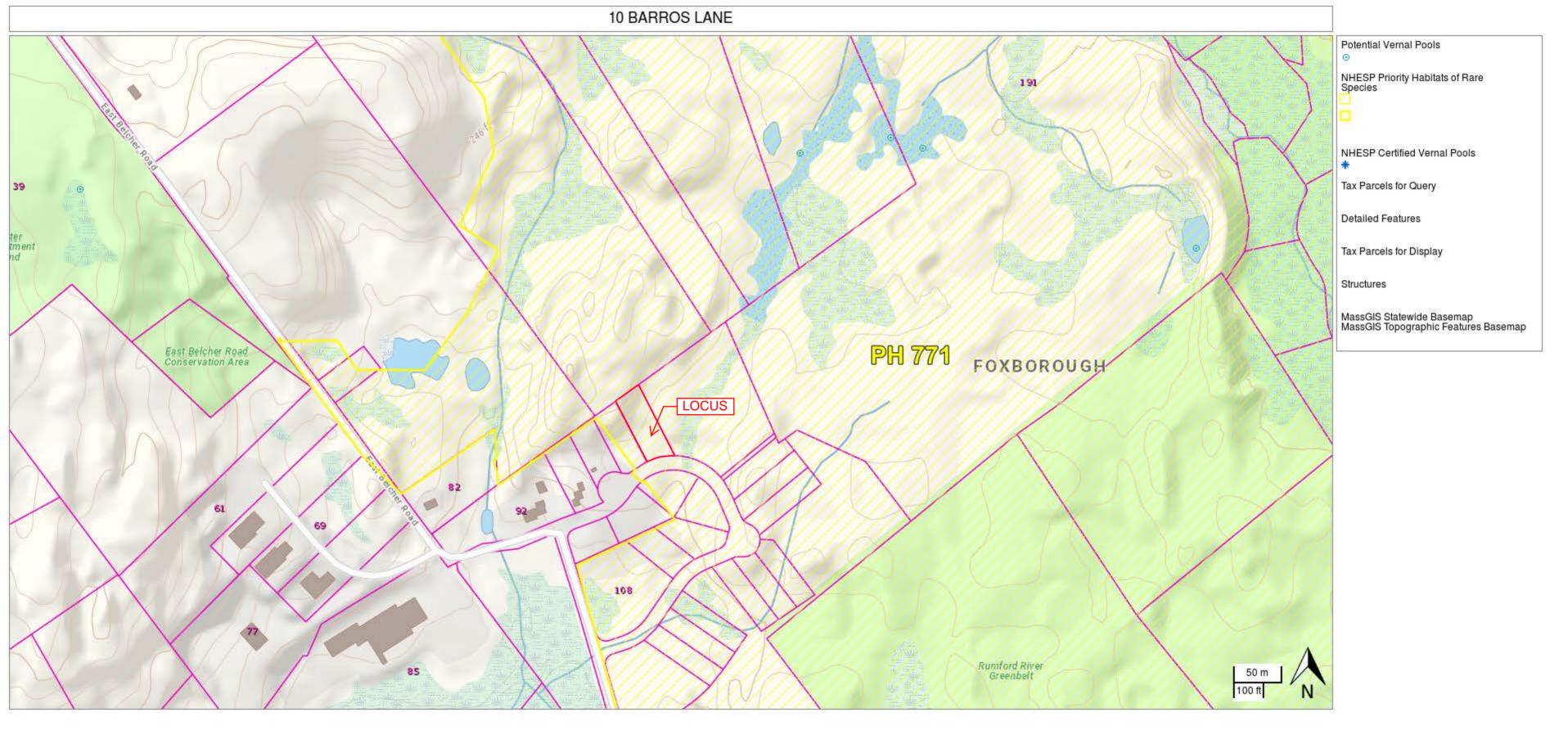
Digital Data Available

No Digital Data Available Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

authoritative NFHL web services provided by FEMA. This map reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or The flood hazard information is derived directly from the become superseded by new data over time. was exported on 3

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



*Massachusetts Endangered Species Act (MESA) Permit



RECEIVED AND RECORDED NORFOLK COUNTY REGISTRY OF DEEDS

DEDHAM, MA Trille PO Fomell

O E EMITFINAS O BONNETT-WEENZLEY

Bk 37544 Ps23 #6304 01-23-2020 a 11:02a

DIVISION OF FISHERIES & WILDLIFE

NOT A N

1 Rabbit Hill Road, Westborough, MA 01581 p: (508) 389-6300 | f: (508) 389-7890 MASS.GOV/MASSWILDLIFE

OFFICIAL

COPY

MA ENDANGERED SPECIES ACT (G.L. c.131A) CONSERVATION AND MANAGEMENT PERMIT

DATE	January 14, 2020
CONSERVATION PERMIT No.:	020-342.DFW
NHESP FILE NO.	10-28635
PERMIT HOLDER	TH Belcher Fox LLC Foxborough Solar Partners LLC c/o Thomas Hastings, Manager 195 Whiting Street, Suite 2B Hingham, MA 02043
PROJECT	Construction of Residential Subdivision ("River Ridge") and One (1) Additional Single Family Home 191 Cocasset Street, 96 East Belcher Road, and 112 & 114 Belcher Road, Foxborough

Pursuant to the authority granted in the Massachusetts Endangered Species Act ("MESA") (G.L. c. 131A) and its implementing regulations (321 CMR 10.23), the Director of the Massachusetts Division of Fisheries & Wildlife (the "Division") hereby issues a Conservation and Management Permit (the "Permit") to TH Belcher Fox LLC and Foxborough Solar Partners LLC (collectively, the "Permit Holder"). This Permit authorizes the Take of the State-listed Blanding's Turtle (Emydoidea blandingii) and Marbled Salamander (Ambystoma opacum), which are listed as "Threatened," pursuant to the MESA, arising out of the construction of a nineteen (19) lot residential subdivision and a single family home (collectively, the "Project"), on a ±101.6-acre site located east of East Belcher Road and south of Cocasset Street in the Town of Foxborough, Massachusetts (Book 23771, Page 103, recorded June 14, 2006; Book 35934, Page 23, recorded April 24, 2018; Norfolk County Registry of Deeds; the "Property").

The Project, as proposed, includes the construction of a single family home located off Cocasset Street and a nineteen (19) lot open space residential subdivision, access road, stormwater management structures and associated site work located off East Belcher Road (collectively, "Phase 1") resulting in up to ±16.0 acres of disturbance. In planning for the open space portions of the Property, which are to remain undeveloped, the Permit Holder has made the Division aware that the Massachusetts Department of Environmental Protection (MADEP) may, at some time in the future, require it to remove and remediate historic contamination on portions of the Property (Tier 1 Disposal Site, Release Tracking Number 4-0792; "Phase 2"). Although the extent and nature of any required remediation, if any, remains unclear at this time, Phase 2 of the Project may result in up to ±12.0 acres of additional temporary disturbance on the Property and is part of a common plan or scheme. In accordance with 321 CMR 10.16, "[p]rojects shall not be segmented or phased to evade or defer the review requirements" of MESA. Therefore, the Division will consider the impacts of Phase 1 and 2 collectively as part of the same common plan or

MASSWILDLIFE SEE PLAN FILED IN

PLAN BOOK 688 PAGE 53

scheme. The Division has determined that Phases 1 and 2 of the Project, individually and collectively, will result in a Take of the Blanding's Turtle and Marbled Salamander through the permanent loss of up to ±28.0 acres of suitable habitat and disruption to the breeding feeding, aestivating, misratery and over-wintering activities of these species.

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Under the authority granted by and in accordance with MGL c131A§3 and 321 CMR 10.23, the Director may permit the Take of a State-listed species for conservation and management purposes provided that there is a long-term Net Benefit to the conservation of the impacted species. If the Director determines that the applicant for a permit has avoided, minimized and mitigated impacts to the State-listed species consistent with the following Performance Standards, then the Director may issue a conservation and management permit, provided:

- (a) the applicant has adequately assessed alternatives to both temporary and permanent impacts to State-listed species;
- (b) an insignificant portion of the local population would be impacted by the Project or Activity, and; (c) the applicant agrees to carry out a conservation and management plan that provides a long-term Net Benefit to the conservation of the State-listed species that has been approved by the Director, as provided in 321 CMR 10.23(5), and shall be carried out by the applicant.

The Director has determined that the applicant for this Permit has met the above noted Performance Standards and that the conservation and management plan described herein provides a long-term Net Benefit to the conservation of the Blanding's Turtle and Marbled Salamander. The Division notes that the conservation and management plan described herein addresses the long-term Net Benefit Performance Standard associated with both Phases 1 and 2, as shown and described herein.

In order to provide a Net Benefit to the conservation of the Blanding's Turtle and Marbled Salamander, the Permit Holder has proposed, by way of the Permit Application, to permanently protect approximately ±85.6 acres of the Property as open space and State-listed species habitat. Approximately ±12.6 acres will be permanently protected through transfer to the Town of Foxborough acting by and through its Conservation Commission under Article 97 provisions; approximately ±30.8 acres will be permanently protected through an Executive Office of Energy & Environmental Affairs-Division of Conservation Services ("EEA-DCS") approved Conservation Restriction; and approximately ±42.2 acres will be permanently protected through a Division-approved Declaration of Restriction. In order to avoid and minimize impacts to State-listed species, the Permit Holder has proposed to (a) implement a Division-approved plan to protect state-listed turtles during construction; and (b) implement a Division-approved operations and maintenance plan to protect state-listed turtles after construction is complete.

Therefore, the Project can be permitted pursuant to the MESA. This Permit is issued to condition the Project and to provide a long-term Net Benefit to the Blanding's Turtle and Marbled Salamander.

In accordance with the documents submitted to the Division entitled:

- Conservation and Management Plan (dated December 6, 2019; prepared by Oxbow Associates, Inc.; the "Permit Application");
- Open Space Residential Development Plan of Land River Ridge (dated January 8, 2018, revised through April 9, 2019; twenty (20) sheets; prepared by Bay Colony Group, Inc.; the "Site Plan"; <u>Attachment 1</u>);
- Figure 5. Contamination Areas (dated December 6, 2019; prepared by Oxbow Associates, Inc.; the "Remediation Plan"; Attachment 2);
- Open Space Plan (dated December 30, 2019, last revised 1/9/2020; prepared by Bay Colony Group, Inc.; the "Open Space Plan"; Attachment 3);
- Draft Conservation Restriction (<u>Attachment 4</u>);
- Draft Declaration of Restriction (<u>Attachment 5</u>);

• Mortality Avoidance NarO-Residential Construction Phase (prepared by Oxbow Associates, Inc., the "Mortality Avoidance Plan") Attachment 6);

A N

OFFICIAL OFFICIAL and any other plans and documents referenced herein, this Permit is issued with the following conditions:

General Conditions:

1.	The Project authorized by this Permit shall be completed within ten (10) years from the date of issuance. If needed, the Permit Holder shall submit a written request to the Division for an extension of time to
	complete said Project and the Division will review the Project pursuant to MESA for any continuing impacts as described herein and for any new impacts to any State-listed species found subsequent to the issuance date of this Permit.
2.	This Permit shall not preclude the review of future projects on the Property that are subject to the Wetlands Protection Act regulations (310 CMR 10.37, 10.58(4)(b), 10.59), as applicable, by the Natural Heritage & Endangered Species Program ("NHESP") of the Division.
3.	The work authorized by this Permit involves the construction of a single family home as well as a nineteen (19) lot open space residential subdivision, access road, stormwater management structures and associated site work (the "Work") on ±16.0 acres of the Property. The Work also includes any other onsite activity required by the Division as a condition of this Permit.
4.	Division representatives shall have the right to enter and inspect the Property subject to this Permit at reasonable hours to evaluate Permit compliance and require the submittal of any reasonable information not otherwise required by this Permit but deemed necessary by the Division to complete its evaluation.
5.	Any proposed change to any plan identified in this Permit, or to the State-listed species conservation plan required by way of this Permit, shall require the Permit Holder to inquire of the Division, in writing, whether the change is significant enough to require the filing of a new Conservation and Management Permit Application, and or require additional long-term Net Benefit for affected State-listed species. The Division retains the right to require the submittal of additional, reasonable information to evaluate the plan change.
6.	This Permit shall apply to, and inure to the benefit of, the Permit Holder and any successor-in-interest of the Permit Holder, or to a subsequent successor-in-control of the Property or portion thereof subject to this Permit should the Permit Holder convey its record ownership of the Property to said successor-in-control, as well as to any contractor or other person performing Work conditioned by this Permit. Within three (3) days of the transfer of an interest in the Property or a portion thereof, any successor-in-interest or subsequent successor-in-control [i.e., subsequent owners or operators] of the Property or a portion thereof shall provide the Division with a letter indicating (1) that the successor is the successor-in-interest of the Permit Holder or the successor-in-control [i.e., current owner or operator] of the Property or a portion thereof, and (2) that said successor will perform the obligations of the Permit Holder as set forth in this Permit.
7.	Prior to the start of Work, the Permit Holder shall notify the Division in writing of the name, address, email, business and home telephone numbers of the project supervisor(s) and/or contractor(s) responsible for compliance with this Permit. The Permit Holder shall provide updated information in writing to the Division should new or additional project supervisors and/or contractors be hired after Work has commenced. Within three (3) days of the start of Work, the Permit Holder shall send a letter to

	the Division stating the date upon which Work commenced. N O T
	A N A N
8.	Prior to the start of Work, the text of this Permit shall be recorded by the Permit Holder in the Registry of Deeds or the Land Court for the district in which the Property is located so as to become a record part of the chain of title of the Property. In the case of recorded land, the Permit shall be noted in the Registry's Grantor Index under the name of the owner of the Property upon which the proposed Work is to be done. In the case of registered land, the Permit shall be noted on the Land Court Certificate of Title of the owner of the Property upon which the proposed Work is done. The Permit Holder shall submit to the Division a date-stamped and signed copy of said recorded Permit showing the date and book and page of recording of said Permit within five (5) days after recording and/or filing, as applicable. No Work shall begin on the Property until the Permit is recorded and said recorded copy is submitted to the Division, except as otherwise approved by the Division in writing.
9.	At the completion of Work, the Permit Holder shall submit to the Division a written request for a Certificate of Permit Compliance, including as-built plans and other supporting materials demonstrating the completion of Work and compliance with all conditions herein.
10.	Any land protected to achieve a long-term Net Benefit associated with this Permit, shall remain undeveloped and protected as habitat for State-listed species in perpetuity.
11.	The Permit Holder shall comply with all Conditions and Special Conditions contained within this Permit and complete the Project consistent with all Division-approved plans and supporting documents except as otherwise approved by the Division in writing.
12.	The Permit Holder shall submit in writing any documents, plans, reports, or other items required for submission in accordance with this Permit, for review and written approval by the Division, unless otherwise stipulated in this Permit or by the Division in writing.
13.	A violation of any condition of this Permit will result in an unauthorized Take pursuant to M.G.L. c. 131A and may be subject to civil and or criminal penalties pursuant to M.G.L. c. 131A.

Special Conditions:

of Foxborough acting by and through its Conservation Commission under Article 97 provisions, pursuant to the requirements set forth in Special Condition #17; ±30.8 acres will be permanently protected through an Executive Office of Energy & Environmental Affairs-Division of Conservation Services ("EEA-DCS") approved Conservation Restriction, pursuant to the requirements set forth in Special Condition #18; and ±42.2 acres will be permanently protected through a Division-approved Declaration of Restriction,	14.	Authorized Construction and Uses: This Permit authorizes construction and uses on the Property as described in General Condition #3, above. All Work associated with Phase 1 of the Project shall be confined to the area of the Property within the limits of Work shown on the Site Plan (Attachment 1).
	15.	State-listed species impacted by this Project, the Permit Holder has proposed, by way of the Permit Application, to permanently protect approximately ±85.6 acres of the Property (the "Open Space") as open space and State-listed species habitat as shown on the Open Space Plan (Attachment 3). Approximately ±12.6 acres of the Open Space will be permanently protected through transfer to the Town of Foxborough acting by and through its Conservation Commission under Article 97 provisions, pursuant to the requirements set forth in Special Condition #17; ±30.8 acres will be permanently protected through an Executive Office of Energy & Environmental Affairs-Division of Conservation Services ("EEA-DCS") approved Conservation Restriction, pursuant to the requirements set forth in Special Condition #18; and

Open Space Boundaries & Sighage: Prior to the initiation of Work of as otherwise approved in writing by 16. the Division, the boundarieNof the Open Space shall be permarkenNy monumented and marked with signage as shown ponthe Open page Plan (Attachment क्षे). Said permanent bounds and signage shall be maintained in good condition by the Permit Holder and repaired or replaced, as necessary. Fee Conveyance: In order to provide a Net Benefit to the conservation of the State-listed species 17. impacted by this Project, the Permit Holder has proposed to permanently protect a ±12.6-acre portion of the Open Space, as shown on the Open Space Plan (Attachment 3) as Parcel A and Parcel B (collectively, the "Fee Parcels"), through conveyance to the Town of Foxborough acting by and through its Conservation Commission and subject to Article 97 provisions. Conveyance shall comply with the following conditions, unless otherwise pre-approved in writing by the Division: a) The deed of conveyance for the Fee Parcels shall be amended to include the following language, or other similar language pre-approved in writing by the Division: "Dedicated to the public for the sole purpose of conservation of natural resources, including but not limited to, the conservation of species listed pursuant to G.L. c. 131A et, seq. which shall be considered the most important conservation purpose for which this land is to be protected in perpetuity and held under the care and custody of the Conservation Commission, pursuant to G.L. c. 408C. This parcel of land is being dedicated in order to meet a long-term Net Benefit pursuant to 321 CMR 10.23 with the Massachusetts Division of Fisheries and Wildlife and the Town of Foxborough as benefitted parties." b) The Conservation Commission shall take a vote, and record said vote in the final written meeting minutes, to accept the Fee Parcels pursuant to the above-referenced language (or other language pre-approved in writing by the Division) read aloud at said meeting prior to the vote. c) The Board of Selectmen, or the nominated member(s) of said board, shall affirm the vote of the Conservation Commission with said affirmation recorded in the final meeting minutes. Prior to the initiation of Work, the Permit Holder shall either (i) record a Declaration of Restriction, in substantially the same form shown in Attachment 5 (which has been approved), over the Fee Parcels in accordance with Special Condition #19; or (ii) provide proof of conveyance of the Fee Parcels to the Town of Foxborough Conservation Commission. Proof of conveyance of the Fee Parcels shall occur within six (6) months of the initiation of Work unless otherwise approved in writing by the Division, and shall include proof of recordation with marginal reference to the land transfer language above, the date of the Conservation Commission vote and the affirming vote of the Board of Selectmen. A copy of said recorded deed shall be submitted to the Division within five (5) business days of recordation. Conservation Restriction: In order to provide a Net Benefit to the conservation of the State-listed species 18. impacted by this Project, the Permit Holder has proposed, by way of the Permit Application, to permanently protect a ±30.8 acre portion of the Open Space, as shown on the Open Space Plan (Attachment 3) as Conservation Restriction Area #1 and Conservation Restriction Area #2 (collectively, the "CR Area"), through an EEA-DCS approved Conservation Restriction. The Conservation Restriction shall be in substantially the same form as shown in Attachment 4, which has been approved, and shall be granted by the Permit Holder to the Town of Foxborough Conservation Commission or to any other qualified land trust, nonprofit organization or government entity preapproved in writing by the Division. Any changes in the form of said Conservation Restriction other than

typographical or grammatical changes must be approved in writing by the Division before said changes

are submitted to EEA ICS for Tapproval. If EEA-DCS requires changes That substantially expand the permitted activities in said Conservation Restriction, the Permit Hottler shall immediately notify the Division in writing of the requested changes so that the Division can review said proposed changes for compliance with the terms and provisions of this Permit. If the Division determines that said proposed changes to the Conservation Restriction are inconsistent with the purposes of this Permit, the Division shall have sixty (60) days after receipt of said notice to discuss said proposed changes with EEA-DCS in order to seek deletion or modification of the requested changes.

No Work shall be initiated on the Property until the Permit Holder has submitted proof to the Division of filing the draft Conservation Restriction with EEA-DCS.

Said Conservation Restriction shall be executed and recorded in the Registry of Deeds or the Land Court for the district in which the Open Space is located so as to become a record part of the chain of title of the CR Area, no later than six (6) months from the initiation of Work associated with this Permit. Work shall cease if said Conservation Restriction is not recorded and copies thereof received by the Division by this date. However, that the Division may extend this date from time to time if the failure to execute and record said Conservation Restriction results from circumstances beyond the control of the Permit Holder and so long as the Permit Holder continues in good faith to seek to execute and record said Conservation Restriction.

19. Declaration of Restriction: In order to provide a Net Benefit to the conservation of the State-listed species impacted by this Project, the Permit Holder has proposed, by way of the Permit Application, to permanently protect the Open Space, as shown on the Open Space Plan (Attachment 3), through a Division-approved Declaration of Restriction. The Permit Holder has submitted a draft Declaration of Restriction to the Division, which has been approved (Attachment 5). The Declaration of Restriction shall permanently restrict the Open Space, which shall remain undeveloped and protected as habitat for Statelisted species in perpetuity except as required for remediation activities described by way of Special Condition #20.

Prior to the initiation of Work, said Declaration of Restriction shall be executed and recorded in the Registry of Deeds or the Land Court for the district in which the Open Space is located so as to become a record part of the chain of title of the Open Space. Prior to the start of Work, the Permit Holder shall provide proof to the Division of appropriate recordation of the approved Declaration of Restriction. No Work shall be initiated on the Property until the Permit Holder has submitted proof to the Division of said recordation. Any changes in the form of said Declaration of Restriction other than typographical or grammatical changes must be submitted to the Division for review and approval prior to recordation. Any violation of the Declaration of Restriction, as recorded, is a violation of the Permit in accordance with General Condition #13.

Amendment to Approve Final Remediation Plans: Pending receipt of any necessary approvals by the Massachusetts Environmental Policy Act (MEPA) Office, the Permit Holder may at its sole discretion request that this Permit be amended to approve and allow implementation of activities required to remove and or remediate certain contamination on the Property (Phase 2; the "proposed remediation activities") as shown in the conceptual Remediation Plan (Attachment 2) and described by way of the Permit Application. Any Work associated with Phase 2 of the Project shall not exceed ±12.0 acres of total disturbance, consistent with the conceptual Remediation Plan (Attachment 2), and be confined to the limit of work approved by way of the Final Remediation Plan required herein. Any such request for Permit Amendment shall include the required CMP Application fee (321 CMR 10.23).

20.

At least six (6) months prior to the initiation of Work associated with the proposed remediation activities, as shown in the conceptual Remediation Plan (Attachment 2), the Permit Holder shall submit

final draft remediation land the Division for review and whiten approval. Final draft remediation plans shall include:

- O F F I C I A L O F F I C I A L a. site plans and a description of all proposed remediation activities required by MADEP, including a construction sequencing or phasing plan;
- b. a copy of any permits and or other written requirements or guidance from MADEP associated with proposed remediation activities;
- c. calculations detailing the acreage of alteration to upland and wetland habitats associated with each proposed remediation activity or phase;
- d. an assessment of alternative remediation activities or construction methods to avoid and or minimize impacts to State-listed species and their habitats;
- e. a draft plan to protect State-listed species and their habitats during and after proposed remediation activities are complete.

The Division retains the right to require the submittal of additional, reasonable information to evaluate the draft remediation plan and any components thereof. The Division also reserves the right to require additional measures to avoid and or minimize impacts to State-listed species and their habitats associated with Phase 2, provided that said measures are acceptable to MADEP. Additional measures may include, but may not be limited to, restoration of areas disturbed by proposed remediation activities to suitable, high quality habitat for State-listed species. If the Division determines that the draft remediation plan is consistent with the terms and conditions of this Permit and the conceptual Remediation Plan (Attachment 2), it shall accept the request for Permit Amendment and impose additional conditions as necessary to avoid and or minimize impacts to State-listed species and their habitats.

If MADEP requires changes that substantially change or expand the activities necessary to remove and or remediate contamination on the Property beyond the ±12.0 acres of habitat disturbance (in terms of location and or extent) shown in the conceptual Remediation Plan (Attachment 2), the Permit Holder shall immediately notify the Division in writing of the requested changes so that the Division can review said proposed changes for compliance with the terms and provisions of this Permit. If the Division determines that said proposed changes are inconsistent with the terms and conditions of this Permit and the conceptual Remediation Plan (Attachment 2), the Division shall discuss said proposed changes with MADEP in order to seek deletion or modification of the requested changes. If deletion or modification of requested changes is not possible, the Permit Holder shall inquire of the Division, in writing, whether the changes are significant enough to require the filing of a new Conservation and Management Permit Application and or require additional long-term Net Benefit for affected State-listed species, consistent with General Condition #5 of the Permit. The Division may, at its sole discretion, deny the request for Permit Amendment and require the filing of a new Conservation and Management Permit Application and or require additional long-term Net Benefit for affected State-listed species pursuant to whatever MESA review procedures are in effect at that time.

No Work associated with Phase 2 of the Project shall be initiated on the Property until the Permit Holder has submitted and received written approval on a Final Remediation Plan from MADEP and the Division.

21.

Turtle Protection Plan: The Permit Holder shall implement the Mortality Avoidance Plan for the Project in substantially the same form as Attachment 6. All Work shall occur pursuant to the protective measures outlined within said Plan, which shall be implemented as written unless otherwise pre-approved in writing by the Division. Any proposed changes to said Plan shall be submitted to the Division for review and written approval prior to implementation of any changes.

22.	Operations and Maintehance Plan: The Permit Holder shall submit all operations and maintenance plan for all proposed stormwaten management structures to the Division for review and approval. In order to avoid inadvergent harm to State-listed turtles, all mechanized vegetation management (e.g., mowing) of stormwater management structures shall occur outside of the turtle active season (April 15 through October 15 of any year) unless pre-approved in writing by the Division. Mechanized management of vegetation during the turtle active season will likely require implementation of a Division-approved turtle protection plan.							
23.	Construction Staff Education: All construction, landscaping, and other sub-contractors associated with the Project shall be informed in writing of the likely presence of State-listed species on the Property and what measures should be implemented to minimize direct harm to State-listed species. Further, no wildlife shall be removed from the Property without approval of a qualified wildlife biologist or the Division except as necessary to receive veterinary treatment in the case of harm during construction.							
24.	Observations of State-listed Species: The Division shall be notified, in the form of an NHESP Rare Animal or Plant Observation Form, within ten (10) days of the observation of any State-listed species within or outside the limits of Work. Preferably, notification will be through the Division's data submittal tool, the Vernal Pool & Rare Species (VPRS) Information System. VPRS and our paper observations forms can be found at: http://www.mass.gov/dfw/nhesp/vprs .							
25.	Notice of Appeal Rights: This Determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.23. Any person aggrieved by this decision shall have the right to an adjudicatory hearing at the Division pursuant to M.G.L. c. 30A, s.11 in accordance with the procedures for informal hearings set forth in 801 CMR 1.02 and 1.03. Any notice of claim for an adjudicatory hearing shall be made in writing and be accompanied by a filing fee in the amount of \$500.00. The notice of claim shall be sent to the Division by certified mail, hand delivered or postmarked within twenty-one (21) days of the date of the Division's Determination to: Mark S. Tisa Director Division of Fisheries and Wildlife Field Headquarters One Rabbit Hill Road Westborough, MA 01581							
	 Any notice of claim for an adjudicatory hearing shall include the following information: The file number for the project; The complete name, address and telephone number of the person filing the request, and the name, address and telephone number of any authorized representative; The specific facts that demonstrate that a party filing a notice of claim satisfies the requirements of an "aggrieved person," including but not limited to (a) how they have a definite interest in the matters in contention within the scope of interests or area of concern of M.G.L. c. 131A or the regulations at 321 CMR 10.00 and (b) have suffered an actual injury which is special and different from that of the public and which has resulted from violation of a duty owed to them by the Division; A clear statement that an adjudicatory hearing is being requested; A clear and concise statement of facts which are grounds for the proceeding, the specific objections to the actions of the Division and the basis for those objections; and the relief sought through the adjudicatory hearing; and a statement that a copy of the request has been sent by 							

certified mail &r Mand delivered to the applicant and the Oecord owner, if different from the											
applicant.	A	N					Α	N			
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С	0	P	Y			С	0	P	Y		

Mark S. Tisa, Director

Massachusetts Division of Fisheries & Wildlife

> Emily Melissa Holt, Notary Public My Commission expires: July 12, 2024

Conservation Permit 020-342.DFW Issued this 14th day of January, 2020

Work must be completed by: January 14, 2030





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ACKNOWEEDGEMENTAND ACCEPTANCE OF ALLITERMS OF THIS C O P CONSERVATION PERMIT P Y

The undersigned below agrees that commencement of any work authorized by and described in this Conservation d Management Permit constitutes acknowledgement and acceptance of all terms of this Permit.

tory 1 Thomas . Ha tings, manager Organization TH Belcher Fox LLC

KONNONNWEALXNORMASSARULSKENK STATE OF FLORIDA

day of 1 2020, before me, the undersigned notary public, personally appeared Hastinas, proved to me through satisfactory evidence of Identification which was FL Drivers Licost to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

SEAL

PALOMA M. VILLAMAR Notary Public, State of Florida Commission# GG 345271 My comm. expires June 16, 2023 My commission expires:

MASSWILDLIFE

NOT AN N O T

A N

ACKNOWEEDGEMENT AND ACCEPTANCE OF ALL TERMS OF THIS COPTONSERVATION PERMIT PY

The undersigned below agrees that commencement of any work authorized by and described in this Conservation and Management Permit constitutes acknowledgement and acceptance of all terms of this Permit.

Sgnatov 1 Thomas J. Hastings, manager Clean Manual Control of the Control of the

XUMMMONIMENTINXXXMAXSINHUSEXEX STATE OF FLORIDA

On this 2) oday of ANA 2020 before me, the undersigned notary public, personally appeared proved to me through satisfactory evidence of identification which was to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public

SEAL

PALOMA M. VILLAMAR Notary Public, State of Florida Commission# GG 345271 My comm. expires June 16, 2023 My commission expires: (0)10/23

MASSWILDLIFE

Distribution List N O T N O T A N

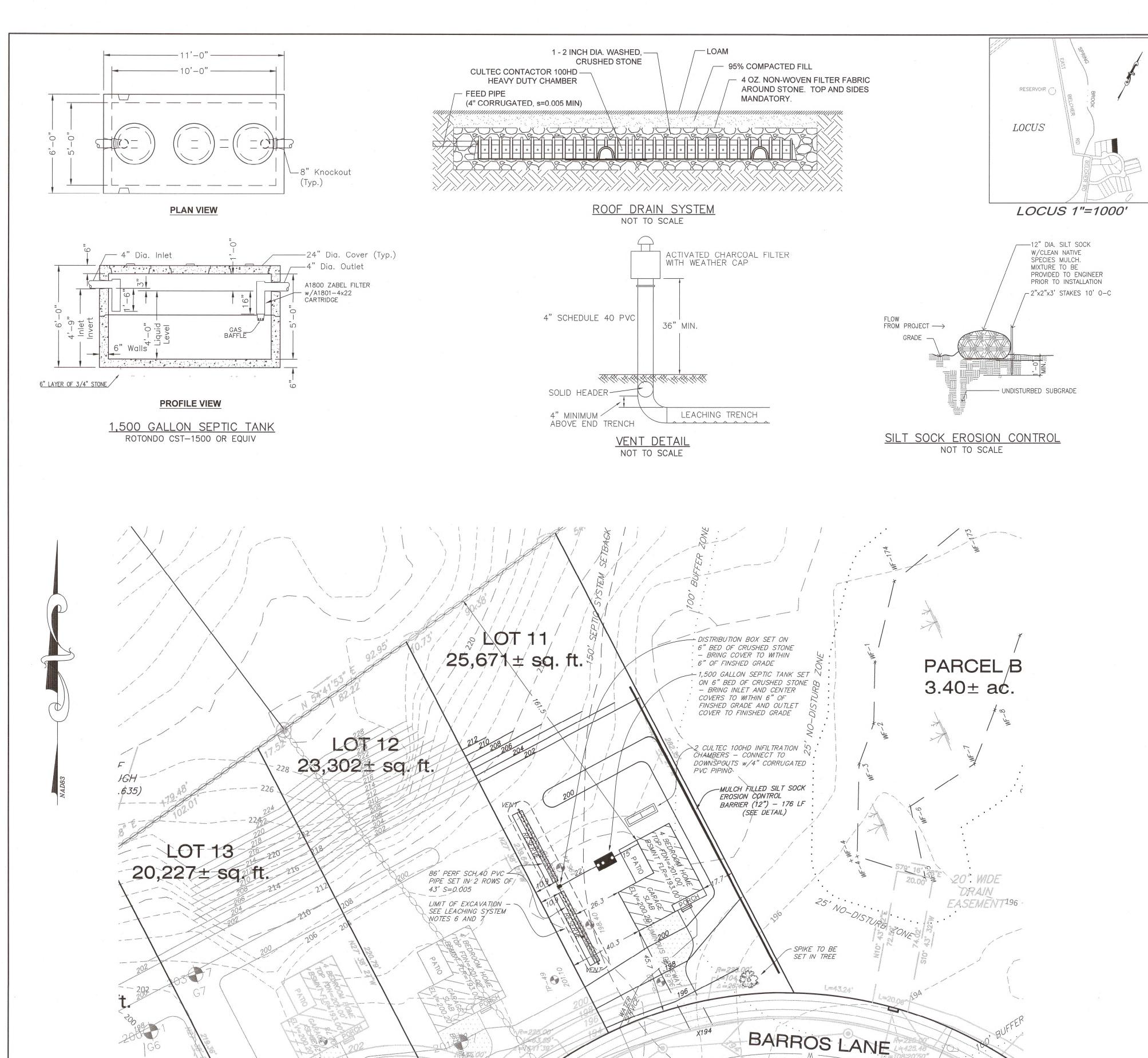
OFFICIAL
Town of Foxborough Board of Selectmen. OFFICIAL COPY Town of Foxborough Conservation Commission Town of Foxborough Planning Board DEP Southeast Regional Office, Wetlands Program Erin Flaherty, MA Environmental Policy Act Office

Jason Zimmer, DFW Southeast Wildlife District Office

Brian Butler and Kyle Cormier, Oxbow Associates, Inc.

N O T	N O T
A N	A N
Attachment FICIAL	OFFICIAL
COPY	COPY

Open Space Residential Development Plan of Land River Ridge (dated January 8, 2018, revised through April 9, 2019; twenty (20) sheets; prepared by Bay Colony Group, Inc.; the "Site Plan")



BENCHMARK DESCRIPTION: SPIKE IN TREE TO BE SET BENCHMARK ELEVATION AND DATUM: TO BE SET (NAVD 88) THERE ARE NO PUBLIC WELLS OR SURFACE WATER SUPPLIES WITHIN 400' OF THE PROPOSED SYSTEM. THERE ARE NO PRIVATE WELLS WITHIN 200' OF OF THE PROPOSED SYSTEM. THERE ARE NO BORDERING VEGETATED WETLANDS WITHIN 125' OF THE PROPOSED SYSTEM. THERE ARE NO WETLANDS BORDERING A SURFACE WATER SUPPLY OR TRIBUTARIES TO SAME. Top of foundation THERE ARE NO STREAMS AS DEFINED BY THE RIVERS ACT WITHIN 200' OF THE PROPOSED SYSTEM. THERE ARE NO OPEN, SURFACE OR SUBSURFACE DRAINS THAT INTERCEPT HIGH GROUND WATER ON THE LOT.

THERE ARE NO OTHER OPEN, SURFACE OR SUBSURFACE DRAINS ON THE LOT. THE SITE DOES NOT LIE WITHIN A REGULATORY FLOODWAY NOR WITHIN A 100 YEAR FLOOD ZONE. WASTEWATER FROM THE PROPERTY WILL CONSIST OF DOMESTIC WASTE ONLY.

SCHEDULE OF ELEVATIONS

Finished Grade Above Structure Inv. @ septic tank inlet = 198.03

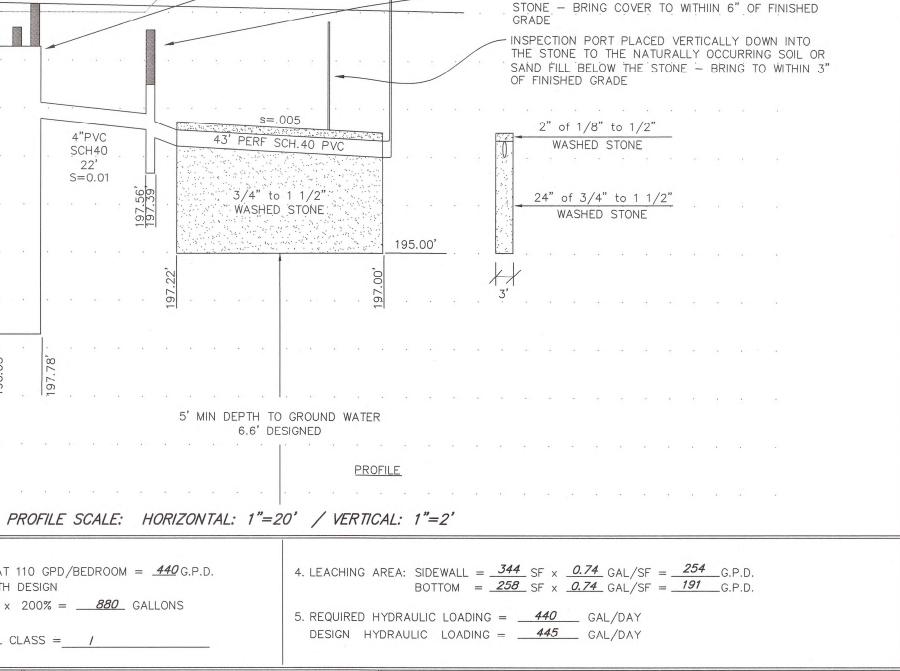
= 201.00'Inv. @ septic tank outlet = <u>197.78'</u> <u>200.2'</u> Basement floor = <u>193.00</u>' Inv. @ dist. box inlet = <u>197.56</u> Inv. of pipe @ foundation = <u>198.18</u>' <u>200.2</u>' Inv. @ dist. box outlet = <u>197.39</u>' <u>200.1'</u>

Inv. @ leaching structure(in) = 197.22' 200.1'Inv. @ leaching structure(end)= *197.00' 200.0'* Elevation of stone bottom = <u>195.00</u>'

THIS SEWAGE DISPOSAL SYSTEM WAS DESIGNED IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS ENVIRONMENTAL CODE OF REGULATIONS (TITLE 5) AND THE BOARD OF HEALTH REGULATIONS OF THE TOWN/CITY OF FOXBOROUGH

14 CAMP ROAD FOXBOROUGH, MA 02035

ZONE CLASSIFICATION: R-40NITROGEN SENSITIVE AREA ?: NO BUILDING SET-BACKS: FRONT: <u>35'</u> SIDE: <u>15'</u> REAR: <u>30'</u>



1,500 GALLON SEPTIC TANK SET ON 6" BED OF CRUSHED STONE - BRING INLET AND CENTER

COVERS TO WITHIN 6" OF FINISHED GRADE AND

- DISTRIBUTION BOX - SET ON 6" BED OF CRUSHED

OUTLET COVER TO FINISHED GRADE

SOIL TEST DATA: TEST PIT #2020-15		TEST PIT #2020-16		PERCOLATION TESTS			
	GND ELEV: 198.4' TOP WELL EL:	DATE: 4.28.2020	GND ELEV: 196.4' TOP WELL EL:				
Depth (Elevation)	Soil Description	Depth (Elevation)	Soil Description			TEST PIT No.2020-16	TEST PIT No.
					DATE: 4.28.2020	DATE: 4.28.2020	DATE:
	NO A OR B LAYER	7" (100 0') -	A SL; 10YR3/2	DEPTH OF PERC	12"	36"	
	C1 LS; 2.5Y5/4; GRAVELLY, COBBLY,	3" (196.2') - 30" (193.9') -	B SL; 10YR5/6	START PRESOAK	1123	1138	
	COARSE			END PRESOAK	24 GALS @ 1137	1153	
		Y, 132" (185.4') —	C SAND; 2.5Y5/4; GRAVELLY, COBBLY, COARSE	TIME @ 12"		1153	
	C2 SL; 2.5Y6/2; GRAVELLY, COBBLY, PURPLE SHALE			TIME @ 9"		1155	
				TIME @ 6"		1159	
				TIME (9"-6")		4	
			WATER WEEPING @ 96" (188.4')	CALC. RATE	2 MPI	2 MPI	
	WATER WEEPING @ 125" (188.0') WATER STANDING @ 173" (184.0')			DESIGN RATE	2 MPI	2 MPI	
				NOTES	COULD NOT SOAK		
BASIS OF GNDWTR ADJUSTMENT:	IN-SEASON READING	BASIS OF GNDWTR ADJUSTMENT:	IN-SEASON READING				
SCS SOIL TYPE:	CANTON FSL	SCS SOIL TYPE:	CANTON FSL				
SOIL EVALUATOR:	RICHARD LESLIE	SOIL EVALUATOR:	RICHARD LESLIE				
WITNESS:	KEVIN DUQUETTE	WITNESS:	KEVIN DUQUETTE				

4" PVC VENT

KEVIN DUQUETTE CONSTRUCTION NOTES:

200

198

196

192

DESIGN DATA:

SEPTIC TANK PROVIDED = 1500 GALLONS.

EFFLUENT LOADING RATE = <u>0.74</u> GPD/SF

PROPOSED

HOUSE

GENERAL CONSTRUCTION NOTES:

All work shall conform to the latest edition of the Commonwealth of Massachusetts regulations governing the installation of subsurface sewage disposal systems, as published in the Code of Massachusetts Regulations and referred to as "Title 5", and any additional requirements of the Board of Health.

Both the Contractor and Designer must certify construction and prepare as-built plans showing locations and elevations. Contractor shall coordinate his work with the Designer to allow inspection and collection of elevations and loations of the system components, including an open hole inspection of the foundation excavation. Components shall not be backfilled until inspection and approval is obtained from the Board of Health, Designer and Owner. Vehicular traffic, parking of vehicles, stockpiling of materials, and storage of equipment over leaching area prohibited at all times. System shall be staked and flagged or otherwise barricaded from time of installation until Certificate of Compliance is issued. Magnetic tape shall be placed over all components.

TOP FDN=201.00'

SCH40

S = 0.01

1. ESTIMATED HYDRAULIC LOADING: 4 BEDROOMS AT 110 GPD/BEDROOM = 440 G.P.D.

2. SEPTIC TANK SIZE: AVERAGE DAILY FLOW = <u>440</u> x 200% = <u>880</u> GALLONS

GARBAGE DISPOSAL <u>NOT</u> ALLOWED WITH DESIGN

3. DESIGN PERCOLATION RATE = 2 M.P.I. SOIL CLASS = 1

FINISHED GRADE

SCH40

S = 0.01

LEACHING FIELD NOTES:

. Contractor shall strip and stockpile A and B horizons and any other unsuitable material. Excavated material shall remain on site and be used as required for final grading. Excess material shall be removed from the site. Stone used in leaching system shall consist of double washed 3/4" to 1-1/2" stone free of.

dust, iron, silt and other deleterious material. . Smeared or compacted surfaces of the leaching excavation shall be scarified prior to placemen Leaching pipe shall be schedule 40 PVC with solvent welded joints. Holes shall be 3/8 inch diameter to 5/8 inch diameter spaced at least every six inches and ends shall be capped. Leaching stone shall be covered with a 2 inch layer of double washed 1/8" to 1/2" peastone.

Stone shall be free of dust, fines, iron, silt and other deleterious material. 5. Contractor shall provide certified Title 5 fill material as required to replace topsoil, subsoil, contaminated soil to a depth of _____30"___ and other unsuitable material if found in or within 5' of the leaching area. Any required fill for the leaching area shall conform to the requirements of Title 5 as repeated below: Fill for systems constructed in fill shall consist of select on-site or imported soil

material. The fill shall be comprised of clean granular sand, free from organic matter and deleterious substances, and shall not contain Remediation Waste as that term is defined in 310 CMR 40.0000. Mixtures and layers of different classes of soils shall not be used. The fill shall not contain any material larger than 2 inches. A sieve analysis, using a #4 sieve, shall be performed on a representative sample of the fill. Up to 45 % by weight of the sample may be retained on the sieve. Sieve analysis shall also be performed on the fraction of the fill passing the #4 sieve, such analysis must demonstrate that the material meets the specifications in 310 CMR 15.255(3) and a plot of the sieve analysis shall fall on or between the lines shown on the graph in 310 CMR 15.255(3).

7. Fill shall be placed gradually in layers and compacted as required to achieve an in place density acceptable to the Board of Health and Engineer. Fill shall only be placed when the excavation is dry. The bottom of the excavation shall be scarified prior to placement of fill. After the fill is in place, the owner will collect at least one sample and have a sieve analysis performed. If the fill does not pass the analysis, the contractor shall remove all fill and replace with appropriate material at no additional cost to the owner.

8. If vents are required, the header invert shall be above the invert of the distribution piping. An activated carbon filter with exchangable container shall be provided on the header. The vent shall be backfilled to prevent seepage of water in to the system and shall be constructed to prevent precipitation or animal access. Vent shall slope upward to outlet.

All soil absorption systems shall have a minimum of one (1) inspection port consisting of a perforated four (4) inch pipe placed vertically down into the stone to the naturally occurring soil or sand fill below the stone. The pipe shall be capped with a screw type cap and accessible to within three (3) inches of finish grade. DISTRIBUTION BOX NOTES:

1. Distribution box shall be watertight precast concrete with an influent baffle and watertight, removable cover. Unused outlets shall be plugged for future use.

2. A minimum 6" sump below outlet invert and minimum 12" inside dimensions shall be provided. 3. Distribution box shall be set level on 6" of 3/4" stone. Verify by filling distribution box with water and observe that all outlets are at same elevation.

1. Septic tank shall be watertight, 1,500 gallon capacity. 2. Tank shall be set level on 6" of 3/4" stone.

3. Inside length to width ratio shall be equal to or greater than 1.5, with a ratio of 2:1 preferred.

4. Tank shall be constructed of reinforced watertight precast concrete and

shall have manufacturers quality control seal affixed thereon. 5. The outlet tee shall be equipped with A1800 Zabel filter (or engineer approved equivalent). DESIGNER NOTES:

No variations from this plan shall be made without written direction from the Designer, Owner and Board of Health Agent.

The contractor shall notify the Designer of any discrepancies between the plan and actual site conditions, should they exist, before installation of the system.

These plans are meant to be used by a contractor with an in-depth knowledge of 310 CMR 15.00 (Title 5) and are not meant as stand-alone documents.

Notwithstanding anything shown or not shown on these drawings, the Owner and Contractor are responsible for complying with the current edition of the Massachusetts Building Code regarding foundation drainage, backfilling and waterproofing and are responsible for ensuring that water

SEWAGE DISPOSAL SYSTEM DESIGN

SEPTIC TANK NOTES:

PROPERTY ADDRESS: #10 BARROS LANE FOXBOROUGH, MA PREPARED FOR: RIVER RIDGE HOLDINGS, LLC 508.954.4804 ASSESSORS MAP/PARCEL: MAP 123, PARCEL 008

does not enter the basement through the walls or floor.



BAY COLONY GROUP, INC. FOUR SCHOOL STREÉT FOXBOROUGH, MA 02035

(508) 543-3939 Scale: 1"=30' MARCH 30, 2021 Designed by: CHG Checked by: WBJr Drawn by: CHG JOB NUMBER 20-0113 FILE NUMBER 06-0150E-5