

GOVE ENVIRONMENTAL SERVICES, INC.  
AGENT

NHDES WETLANDS BUREAU  
MAJOR IMPACT  
DREDGE & FILL APPLICATION

Patricia Drive  
Portsmouth, NH  
September, 2020

Prepared By:

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GES# 2020101

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**STANDARD DREDGE AND FILL  
WETLANDS PERMIT APPLICATION**  
Water Division/Land Resources Management  
Wetlands Bureau  
[Check the Status of your Application](#)



**RSA/Rule:** RSA 482-A/Env-Wt 100-900

**APPLICANT'S NAME:** Dube Plus Construction

**TOWN NAME:** Portsmouth

Administrative Use Only	Administrative Use Only	Administrative Use Only	File No.:
			Check No.:
			Amount:
			Initials:

A person may request a waiver to the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III (b). For more information, please consult the [request form](#).

<b>SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))</b>	
Please use the <a href="#">Wetland Permit Planning Tool (WPPT)</a> , the Natural Heritage Bureau (NHB) <a href="#">DataCheck Tool</a> , the <a href="#">Aquatic Restoration Mapper</a> , or other sources to assist in identifying key features such as: <a href="#">priority resource areas (PRAs)</a> , <a href="#">protected species or habitats</a> , coastal areas, designated rivers, or designated prime wetlands.	
Has the required planning been completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the property contain a PRA? If yes, provide the following information:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> <li>• Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&amp;G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04). <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></li> <li>• Protected species or habitat?                             <ul style="list-style-type: none"> <li>○ If yes, species or habitat name(s): <a href="#">see nhb report</a> <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></li> <li>○ NHB Project ID #: <a href="#">NHB20-2539</a> <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></li> </ul> </li> <li>• Bog? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></li> <li>• Floodplain wetland contiguous to a tier 3 or higher watercourse? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></li> <li>• Designated prime wetland or duly-established 100-foot buffer? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></li> <li>• Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></li> </ul>	
Is the property within a Designated River corridor? If yes, provide the following information:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>• Name of Local River Management Advisory Committee (LAC): <input style="width: 100px;" type="text"/></li> <li>• A copy of the application was sent to the LAC on Month: <input style="width: 50px;" type="text"/> Day: <input style="width: 50px;" type="text"/> Year: <input style="width: 50px;" type="text"/></li> </ul>	

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For dredging projects, is the subject property contaminated? • If yes, list contaminant: <span style="background-color: #cccccc; display: inline-block; width: 50px; height: 15px;"></span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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For stream crossing projects, provide watershed size (se Wetland Permit Planning Tool or Stream Stats):

**SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))**  
 Provide a **brief** description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.

The applicant is proposing a two lot subdivision of an existing lot of record for the construction of two single family dwellings. The property limits over lap with the 100 foot state prime wetland buffer. Currently the site has an existing roadway that exists particaly within the 100 foot prime wetland buffer. The applicant is proposing to redevelop this roadway for access to the builable upland area outside of the prime wetland buffer. This proposed redevlopment will remove approximately 1,032 SF of the existing impervious surface from the prime wetland buffer.

**SECTION 3 - PROJECT LOCATION**

Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS:  Patricia Dr

TOWN/CITY:  Portsmouth

TAX MAP/BLOCK/LOT/UNIT:  Map 283 Lot 11

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME:  Packer Bog  
 N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):      43.033074° North  
 -70.809985° West

<b>SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))</b>		
If the applicant is a trust or a company, then complete with the trust or company information.		
NAME: Dube Plus Construction, ATTN: Thomas Dube		
MAILING ADDRESS: 10 Bricketts Mill Road		
TOWN/CITY: Hampstead	STATE: NH	ZIP CODE: 03841
EMAIL ADDRESS: tom@dubeplus.com		
FAX: [REDACTED]	PHONE: [REDACTED]	
ELECTRONIC COMMUNICATION: By initialing here: [REDACTED], I hereby authorize NHDES to communicate all matters relative to this application electronically.		
<b>SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))</b>		
<input type="checkbox"/> N/A		
LAST NAME, FIRST NAME, M.I.: Walden, Brenden, M.		
COMPANY NAME: Gove Environmental Services, Inc.		
MAILING ADDRESS: 8 Continental Drive, Bldg 2, Unit H		
TOWN/CITY: Exeter	STATE: NH	ZIP CODE: 03833
EMAIL ADDRESS: bwalden@gesinc.biz		
FAX: [REDACTED]	PHONE: 603-778-0644	
ELECTRONIC COMMUNICATION: By initialing here BW, I hereby authorize NHDES to communicate all matters relative to this application electronically.		
<b>SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))</b>		
If the owner is a trust or a company, then complete with the trust or company information.		
<input type="checkbox"/> Same as applicant		
NAME: Fritz Family Revocable Living Trust, Edgar H Fritz, Trustee		
MAILING ADDRESS: P.O. Box 524, 50 Shore Rd		
TOWN/CITY: Northwood	STATE: NH	ZIP CODE: 03261
EMAIL ADDRESS: [REDACTED]		
FAX: [REDACTED]	PHONE: [REDACTED]	
ELECTRONIC COMMUNICATION: By initialing here [REDACTED], I hereby authorize NHDES to communicate all matters relative to this application electronically.		

**SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))**

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):

The applicant is proposing a two lot subdivision of an existing lot of record. The applicant is proposing to redevelop an existing roadway on site to access the buildable upland outside of the 100 foot prime wetland buffer. By utilizing the existing foot print of the roadway in the previously disturbed area of prime wetland buffer and removing 1,032 SF of the impervious surface within the prime wetland buffer, the applicants proposed project will have a net positive effect on the existing functions and values of the prime wetland buffer.

**SECTION 8 - AVOIDANCE AND MINIMIZATION**

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a))\* . Any project with unavoidable jurisdictional impacts must then be minimized as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization](#) and the [Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet](#). For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10))\* .

Please refer to the application checklist to ensure that you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). You can use the [Avoidance and Minimization Checklist](#), the [Avoidance and Minimization Narrative](#), or your own avoidance and minimization narrative.

*\*See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.*

**SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)**

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

Mitigation Pre-Application Meeting Date: Month: 8 Day: 20 Year: 2020

N/A - Mitigation is not required

**SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)**

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable:  I confirm submittal.

N/A – Compensatory mitigation is not required

**SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))**

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.*

For perennial streams/ivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Scrub-shrub Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Emergent Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Wet Meadow			<input type="checkbox"/>			<input type="checkbox"/>
	Vernal Pool			<input type="checkbox"/>			<input type="checkbox"/>
	Designated Prime Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer	4539		<input type="checkbox"/>	2344		<input type="checkbox"/>
Surface Water	Intermittent / Ephemeral Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Perennial Stream or River			<input type="checkbox"/>			<input type="checkbox"/>
	Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank / Shoreline - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
<b>TOTAL</b>		4539			2344		

**SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)**

**MINIMUM IMPACT FEE:** Flat fee of \$400.

**NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION:** Flat fee of \$400 (refer to RSA 482-A:3, 1(c) for restrictions).

**MINOR OR MAJOR IMPACT FEE:** Calculate using the table below:

Permanent and temporary (non-docking):	6883 SF	× \$0.40 =	\$ 2753.20
Seasonal docking structure:	SF	× \$2.00 =	\$
Permanent docking structure:	SF	× \$4.00 =	\$
Projects proposing shoreline structures (including docks) add \$400 =			\$
Total =			\$ 2753.20

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The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$  

**SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)**  
Indicate the project classification.

<input type="checkbox"/> Minimum Impact Project	<input type="checkbox"/> Minor Project	<input checked="" type="checkbox"/> Major Project
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**SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)**

Initial each box below to certify:

Initials: EF TD BW	To the best of the signer's knowledge and belief, all required notifications have been provided.
-----------------------------	--

Initials: EF TD BW	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
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Initials: EF TD BW	The signer understands that: <ul style="list-style-type: none"> <li>• The submission of false, incomplete, or misleading information constitutes grounds for NHDES to:                         <ol style="list-style-type: none"> <li>1. Deny the application.</li> <li>2. Revoke any approval that is granted based on the information.</li> <li>3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1.</li> </ol> </li> <li>• The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641.</li> <li>• The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.</li> </ul>
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Initials: EF TD BW	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.
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**SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)**

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: Edgar Fritz	DATE: 9/22/20
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: Thomas A. Dube	DATE: 9/23/20
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Brenden Walden	DATE: 9/23/2020

**SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))**

As required by RSA 482-A:3, I(a),(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

TOWN/CITY CLERK SIGNATURE: 	PRINT NAME LEGIBLY: 
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TOWN/CITY: <input type="text"/>	DATE: <input type="text"/>
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**DIRECTIONS FOR TOWN/CITY CLERK:**

Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

**DIRECTIONS FOR APPLICANT:**

Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer – State of NH".

Keep this checklist for your reference; do not submit with your application.

### APPLICATION CHECKLIST

Unless specified, all items below are required. Failure to provide the required items will delay a decision on your project and may result in denial of your application. Please reference statute RSA 482-A, Fill and Dredge in Wetlands, and the Wetland Rules Env-Wt 100-900, available [online](#).

- The completed, dated, signed, and certified application (Env-Wt 311.03(b)(1)).
- Correct fee as determined in RSA 482-A:3, I(b) or (c), subject to any cap established by RSA 482-A:3, X (Env-Wt 311.03(b)(2)). Make check or money order payable to "Treasurer – State of NH".
- The Required Planning actions required by Env-Wt 311.01(a)-(c) and Env-Wt 311.03(b)(3).
- [US Army Corps of Engineers \(ACE\) "Appendix B, New Hampshire General Permits \(GPs\), Required Information and Corps Secondary Impacts Checklist"](#) and its required attachments (Env-Wt 307.02). This includes the [US Fish and Wildlife Service IPAC review](#) and [Section 106 Historic/Archaeological Resource review](#).
- Project plans described in Env-Wt 311.05 (Env-Wt 311.03(b)(4)).
- Maps, or electronic shape files and meta data, and other attachments specified in Env-Wt 311.06 (Env-Wt 311.03(b)(5)).
- Explanation of the methods, timing, and manner as to how the project will meet standard permit conditions required in [Env-Wt 307](#) (Env-Wt 311.03(b)(7)).
- If applicable, the information regarding proposed compensatory mitigation specified in Env-Wt 311.08 and Chapter Env-Wt 800 - [Permittee Responsible Mitigation Project Worksheet](#), unless not required under Env-Wt 313.04 (Env-Wt 311.03(b)(8); Env-Wt 311.08; Env-Wt 313.04).
- Any additional information specific to the **type of resource** as specified in Env-Wt 311.09 (Env-Wt 311.03(b)(9); Env-Wt 311.04(j)).
- Project specific information required by Env-Wt 500, Env-Wt 600, and Env-Wt 900 (Env-Wt 311.03(b)(11)).
- A list containing the name, mailing address and tax map/lot number of each abutter to the subject property (Env-Wt 311.03(b)(12)).
- Copies of certified postal receipts or other proof of receipt of the notices that are required by RSA 482-A:3, I(d) (Env-Wt 311.03(b)(13)).
- Project design considerations required by Env-Wt 313 (Env-Wt 311.04(j)).
- Town tax map showing the subject property, the location of the project on the property, and the location of properties of abutters with each lot labeled with the name and mailing address of the abutter (Env-Wt 311.06(a)).
- Dated and labeled color photographs that:
  - (1) Clearly depict:
    - a. All jurisdictional areas, including but not limited to portions of wetland, shoreline, or surface water where impacts have or are proposed to occur.
    - b. All existing shoreline structures.
  - (2) Are mounted or printed no more than 2 per sheet on 8.5 x 11 inch sheets (Env-Wt 311.06(b)).
- A copy of the appropriate US Geological Survey map or updated data based on LiDAR at a scale of one inch equals 24,000 feet showing the location of the subject property and proposed project (Env-Wt 311.06(c)).
- A narrative that describes the work sequence, including pre-construction through post-construction, and the relative timing and progression of all work (Env-Wt 311.06(d)).

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- For all projects in the protected tidal zone, a copy of the recorded deed with book and page numbers for the property (Env-Wt 311.06(e)).
  - If the applicant is not the owner in fee of the subject property, documentation of the applicant's legal interest in the subject property, provided that for utility projects in a utility corridor, such documentation may comprise a list that:
    - (1) Identifies the county registry of deeds and book and page numbers of all of the easements or other recorded instruments that provide the necessary legal interest; and
    - (2) Has been certified as complete and accurate by a knowledgeable representative of the applicant (Env-Wt 311.06(f)).
  - The NHB memo containing the NHB identification number and results as well as any written follow-up communications such as additional memos or email communications with either NHB or NHF&G (Env-Wt 311.06(g)). See [Wetlands Permitting: Protected Species and Habitat Fact Sheet](#).
  - A statement of whether the applicant has received comments from the local conservation commission and, if so, how the applicant has addressed the comments (Env-Wt 311.06(h)).
  - For projects in LAC jurisdiction, a statement of whether the applicant has received comments from the LAC and, if so, how the applicant has addressed the comments (Env-Wt 311.06(i)).
  - If the applicant is also seeking to be covered by the state general permits, a statement of whether comments have been received from any federal agency and, if so, how the applicant has addressed the comments (Env-Wt 311.06(j)).
  - [Avoidance and Minimization Written Narrative](#) or the [Avoidance and Minimization Checklist](#), or your own avoidance and minimization narrative (Env-Wt 311.07).
  - For after-the-fact applications: information required by Env-Wt 311.12.
  - [Coastal Resource Worksheet](#) for coastal projects as required under Env-Wt 600.
  - Prime Wetlands information required under Env-Wt 700. See [WPPT](#) for prime wetland mapping.
- Required Attachments for Minor and Major Projects**
- [Attachment A: Minor and Major Projects](#) (Env-Wt 313.03).
  - [Functional Assessment Worksheet](#) or others means of documenting the results of actions required by Env-Wt 311.10 as part of an application preparation for a standard permit (Env-Wt 311.03(b)(3); Env-Wt 311.03(b)(10)). See [Functional Assessments for Wetlands and Other Aquatic Resources Fact Sheet](#). For shoreline structures, see shoreline structures exemption in Env-Wt 311.03(b)(10)).
- Optional Materials**
- [Stream Crossing Worksheet](#) which summarizes the requirements for stream crossings under Env-Wt 900.
  - Request for [concurrent processing of related shoreland / wetlands permit applications](#) (Env-Wt 313.05).



AVOIDANCE AND MINIMIZATION  
WRITTEN NARRATIVE  
Water Division/Land Resources Management  
Wetlands Bureau  
[Check the Status of your Application](#)



**RSA/ Rule:** RSA 482-A/ Env-Wt 311.04(j); Env-Wt 311.07; Env-Wt 313.01(a)(1)b; Env-Wt 313.01(c)

**APPLICANT'S NAME:** Thomas Dube

**TOWN NAME:** Portsmouth

An applicant for a standard permit shall submit with the permit application a written narrative that explains how all impacts to functions and values of all jurisdictional areas have been avoided and minimized to the maximum extent practicable. This attachment can be used to guide the narrative (attach additional pages if needed). Alternatively, the applicant may attach a completed [Avoidance and Minimization Checklist \(NHDES-W-06-050\)](#) to the permit application.

**SECTION 1 - WATER ACCESS STRUCTURES (Env-Wt 311.07(b)(1))**

Is the primary purpose of the proposed project to construct a water access structure?

There are no water access structures proposed for this project.

**SECTION 2 - BUILDABLE LOT (Env-Wt 311.07(b)(1))**

Does the proposed project require access through wetlands to reach a buildable lot or portion thereof?

The project does not directly impact any jurisdictional wetlands. Impacts are only to the previously disturbed 100 foot state prime wetland buffer.

**SECTION 3 - AVAILABLE PROPERTY (Env-Wt 311.07(b)(2))\***

For any project that proposes permanent impacts of more than one acre, or that proposes permanent impacts to a PRA, or both, are any other properties reasonably available to the applicant, whether already owned or controlled by the applicant or not, that could be used to achieve the project's purpose without altering the functions and values of any jurisdictional area, in particular wetlands, streams, and PRAs?

*\*Except as provided in any project-specific criteria and except for NH Department of Transportation projects that qualify for a categorical exclusion under the National Environmental Policy Act.*

The applicants proposed project will redevelop an existing roadway on site that exists partially within the 100 foot state prime wetland buffer. The redevelopment of this roadway will allow the applicant to access the buildable upland on site outside of the 100 foot state prime wetland buffer. By utilizing this existing foot print for the roadway redevelopment the applicant will not have any negative effects to the functions and values of the priority resource area. Along with this roadway redevelopment the applicant is also proposing the removal of 1179 sf of impervious surface existing within the 100 foot state prime wetland buffer and improve stormwater management onsite.

**SECTION 4 - ALTERNATIVES (Env-Wt 311.07(b)(3))**

Could alternative designs or techniques, such as different layouts, different construction sequencing, or alternative technologies be used to avoid impacts to jurisdictional areas or their functions and values as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization?](#)

The applicant is proposing to redevelop an existing roadway to access the buildable upland outside of the 100 foot prime wetland boundary. By utilizing the existing foot print for the driveway redevelopment the applicant is avoiding creating new impacts within the state prime wetland buffer. The applicant is also improving the stormwater management on site.

**SECTION 5 - CONFORMANCE WITH Env-Wt 311.10(c) (Env-Wt 311.07(b)(4))\*\***

How does the project conform to Env-Wt 311.10(c)?

*\*\*Except for projects solely limited to construction or modification of non-tidal shoreline structures only need to complete relevant sections of Attachment A.*

The applicants proposal has no direct wetland impacts, however, it will redevelop a roadway which exists within the 100 foot state prime wetland buffer. The applicant is also proposing to reduce the existing impervious surface by 1,179 SF. By utilizing this existing roadway to access the buildable upland outside of the prime wetland buffer the applicant has maintained the existing functions of the prime wetland buffer on site.



**RESIDENTIAL, COMMERCIAL, AND  
INDUSTRIAL DEVELOPMENT  
PROJECT-SPECIFIC WORKSHEET  
FOR STANDARD APPLICATION**  
Water Division/Land Resources Management  
Wetlands Bureau  
[Check the Status of your Application](#)



**RSA/Rule:** RSA 482/ Env-Wt 524

**APPLICANT LAST NAME, FIRST NAME, M.I.:** **Dube Plus Construction, Attn: Thomas Dube**

This worksheet summarizes the criteria and requirements for a Standard Permit for “Residential, Commercial, and Industrial Development”, one of the 18 specific project types in Chapter Env-Wt 500. In addition to the project-specific criteria and requirements on this worksheet, all Standard Dredge and Fill Applications must meet the criteria and requirements listed in the Standard Dredge and Fill Application form (NHDES-W-06-012).

**SECTION 1 - APPLICABILITY (Env-Wt 509.02(b); Env-Wt 524.01)**

The information in this worksheet applies to residential, commercial, and industrial development projects, including associated roadways, in non-tidal wetlands.

Do **not** use this worksheet if the project is located in a coastal (tidal) area.

**SECTION 2 - APPROVAL CRITERIA FOR RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL DEVELOPMENT PROJECTS (Env-Wt 524.02)**

An application for a residential, commercial or industrial development project must meet the following criteria:

- The project must meet the applicable criteria established in Env-Wt 300;
- An off-site alternatives analysis is conducted for any project that will result in more than one acre of permanent wetland impacts;
- The project avoids and minimizes impacts to wetlands, watercourses, and sensitive and valuable wetlands in accordance with Env-Wt 313.03;
- The project complies with the design criteria specified in Env-Wt 524.04 and the construction criteria specified in Env-Wt 524.05; and
- Compensatory mitigation is provided for any new residential, commercial, or industrial development in a Priority Resource Area.

**SECTION 3 - APPLICATION REQUIREMENTS FOR RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL DEVELOPMENT PROJECTS (Env-Wt 524.03)**

- For all projects requiring subdivision approval, a plan prepared and stamped by a land surveyor licensed in the State of New Hampshire pursuant to RSA 310-A showing existing and proposed topography and the location of all proposed lot lines;
- For all projects requiring subdivision approval, the following clearly delineated on the plan required above: the boundaries of all wetlands and surface waters and the footprint of all proposed impacts;

- For minor and major projects requiring subdivision approval, wetlands classifications clearly indicated in accordance with Env-Wt 400 on the plan required above; and
- For a project that is associated with one or more phases of a multi-phase subdivision, a project impact plan that also shows all wetlands on remaining property proposed for future phases of development.

Please note that permits for subdivisions of 4 or more lots shall not be effective until the permittee records the permit with the appropriate registry of deeds and a copy of the registered permit has been received by the department.

An application for a residential, commercial or industrial development project must include the following information:

- If the project includes components that are subject to multiple project-specific requirements in Chapter Env-Wt 500, a narrative statement and plan that describes how each project-specific component meets the requirements of the applicable part in Chapter Env-Wt 500 and how the project as a whole impacts jurisdictional areas.

The applicant is proposing a two lot subdivision of an existing lot of record for the construction of two single family dwellings. The property limits over lap with the 100 foot state prime wetland buffer. Currently the site has an existing roadway that exists partially within the 100 foot prime wetland buffer. The applicant is proposing to redevelop this roadway for access to the buildable upland area outside of the prime wetland buffer. This proposed redevelopment will remove approximately 1,032 SF of the existing impervious surface from the prime wetland buffer. This proposed project does not have any other impacts to jurisdictional areas on site.

#### **SECTION 4 - DESIGN REQUIREMENTS FOR RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL DEVELOPMENT PROJECTS (Env-Wt 524.04)**

In addition to meeting the applicable design requirements established in Env-Wt 300, a residential, commercial, or industrial development project must be designed to meet the following criteria:

- The project complies with all applicable requirements of Env-Wt 400, Env-Wt 700, Env-Wt 800, Env-Wt 900, and other applicable project-specific criteria in Chapter Env-Wt 500;
- The project does not use wetlands or surface waters to serve as stormwater or water quality treatment to mitigate impacts;
- The project provides setbacks and water quality protection measures sufficient to protect private and public drinking water supplies, source water protection areas, and fisheries;
- The project maintains or restores hydrologic connections to maintain flows necessary to preserve adjacent wetland and riparian functions;
- The project maintains existing fishery spawning, feeding, or cover habitat and fish passage necessary to maintain fishery or habitat or populations; and
- The project maintains existing wetland-dependent wildlife habitat and its associated migratory pathways, reproductive sites, and associated wetland complex or wetland community system.

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## SECTION 5 - CONSTRUCTION REQUIREMENTS FOR RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL DEVELOPMENT PROJECTS (Env-Wt 525.05)

In addition to meeting all applicable construction standards specified in Env-Wt 307 and other applicable project-specific standards in Chapter Env-Wt 500, the following requirements apply to residential, commercial, or industrial development projects:

- A construction notice shall be filed with the department at least 48 hours prior to commencing work; and
- All work shall be conducted in accordance with the approved plan.

## SECTION 6 - CLASSIFICATION OF RESIDENTIAL AND COMMERCIAL OR INDUSTRIAL DEVELOPMENT PROJECTS (Env-Wt 524.06)

Residential and commercial or industrial development projects shall be classified under Env-Wt 407 and as follows:

***(a) A project shall be a minimum impact project only if:***

- (1) All stream-crossing components of the project meet the requirements for minimum impact classification specified in Env-Wt 903;
- (2) All other components of the project meet the requirements for minimum impact classification specified in Env-Wt 407 and this chapter;
- (3) The project is not part of a new subdivision of 4 or more lots; and
- (4) The project does not meet the criteria listed in (d) below.

***(b) A project shall be an expedited minimum impact project only if:***

- (1) It is a minimum impact project to construct a new subdivision of 3 lots or less;
- (2) The applicant has attended a pre-design submission meeting with the department at least 7 days prior to application submission and included department feedback in the design plan; and
- (3) The project does not meet the criteria listed in (d) below.

***(c) A project shall be a minor impact project if the project does not meet the criteria listed in (d) below and if any of the following apply:***

- (1) Any single stream-crossing component of the project meets the requirements for minor impact classification specified in Env-Wt 903;
- (2) The project is part of a new subdivision of 4 or more lots;
- (3) Any single component of the project meets the requirements for minor impact classification specified in Env-Wt 407, Env-Wt 903, or Chapter Env-Wt 500; or
- (4) No component of the project meets the requirements for major impact classification specified in Env-Wt 407, Env-Wt 903, or Chapter Env-Wt 500.

***(d) A project shall be a major impact project if:***

- (1) The project exceeds the minor impact criteria;
- (2) The project requires mitigation or meets the requirements for major impact classification specified in Env-Wt 407, Env-Wt 903, or any other associated project classification that is part of the overall project; or
- (3) The project is elevated based on an aggregation undertaken by a developer or is part of a series of developments under Env-Wt 400.





# WETLANDS FUNCTIONAL ASSESSMENT WORKSHEET

Water Division/Land Resource Management  
Wetlands Bureau



[Check the Status of your Application](#)

**RSA/Rule:** RSA 482-A / Env-Wt 311.03(b)(10); Env-Wt 311.10

**APPLICANT LAST NAME, FIRST NAME, M.I.:** Dube Plus Construction, Attn: Thomas Dube

As required by Env-Wt 311.03(b)(10), an application for a standard permit for minor and major projects must include a functional assessment of all wetlands on the project site as specified in Env-Wt 311.10. This worksheet will help you compile data for the functional assessment needed to meet federal (US Army Corps of Engineers (USACE); if applicable) and NHDES requirements. Additional requirements are needed for projects in tidal area; please refer to the Coastal Area Worksheet for more information.

Both a desktop review and a field examination are needed to accurately determine surrounding land use, hydrology, hydroperiod, hydric soils, vegetation, structural complexity of wetland classes, hydrologic connections between wetlands or stream systems or wetland complex, position in the landscape, and physical characteristics of wetlands and associated surface waters. The results of the evaluation are to be used to select the location of the proposed project having the least impact to wetland functions and values (Env-Wt 311.10). This worksheet can be used in conjunction with the Written Narrative (NHDES-W-06-089) or Avoidance and Minimization Checklist (NHDES-W-06-050) to address Env-Wt 313.03 (Avoidance and Minimization). If more than one wetland/ stream resource is identified, multiple worksheets can be attached with the application. All wetland, vernal pools, and stream identification (ID) numbers are to be displayed and located on the wetlands delineation of the subject property.

## SECTION 1 - LOCATION (USACE HIGHWAY METHODOLOGY)

ADJACENT LAND USE: residential, commercial, undisturbed wetland and upland complex

CONTIGUOUS UNDEVELOPED BUFFER ZONE PRESENT?  Yes  No

DISTANCE TO NEAREST ROADWAY OR OTHER DEVELOPMENT (in feet): 100

## SECTION 2 - DELINEATION (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)

CERTIFIED WETLAND SCIENTIST (if in a non-tidal area) or QUALIFIED COASTAL PROFESSIONAL (if in a tidal area) who prepared this assessment: Brenden Walden 297

DATE(S) OF SITE VISIT(S): 8/25/2020 DELINEATION PER ENV-WT 406 COMPLETED?  Yes  No

CONFIRM THAT THE EVALUATION IS BASED ON:

- Office and  
 Field examination.

METHOD USED FOR FUNCTIONAL ASSESSMENT (check one and fill in field if "other"):

- USACE Highway Methodology.  
 Other scientifically supported method (enter name/ title):

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<b>SECTION 3 - WETLAND RESOURCE SUMMARY (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)</b>	
WETLAND ID: <b>Packer Bog</b>	LOCATION: (LAT/ LONG) <b>43.032667/-70.810164</b>
WETLAND AREA: <b>~23 acers</b>	DOMINANT WETLAND SYSTEMS PRESENT: <b>PSS1E</b>
HOW MANY TRIBUTARIES CONTRIBUTE TO THE WETLAND? <b>on site 0</b>	COWARDIN CLASS: <b>PSS1E</b>
IS THE WETLAND A SEPARATE HYDRAULIC SYSTEM? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No if not, where does the wetland lie in the drainage basin? <b>upper</b>	IS THE WETLAND PART OF: <input checked="" type="checkbox"/> A wildlife corridor or <input type="checkbox"/> A habitat island? IS THE WETLAND HUMAN-MADE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IS THE WETLAND IN A 100-YEAR FLOODPLAIN? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ARE VERNAL POOLS PRESENT? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, complete the Vernal Pool Table)
ARE ANY WETLANDS PART OF A STREAM OR OPEN-WATER SYSTEM? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ARE ANY PUBLIC OR PRIVATE WELLS DOWNSTREAM/ DOWNGRADIENT? <input type="checkbox"/> Yes <input type="checkbox"/> No
PROPOSED WETLAND IMPACT TYPE: <b>100 foot prime wetland buffer</b>	PROPOSED WETLAND IMPACT AREA: <b>No direct wetland impact</b>

#### **SECTION 4 - WETLANDS FUNCTIONS AND VALUES\* (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)**

The following table can be used to compile data on wetlands functions and values. The reference numbers indicated in the "Functions/ Values" column refer to the following functions and values:

1. Ecological Integrity (from RSA 482-A:2, XI)
2. Educational Potential (from USACE Highway Methodology: Educational/Scientific Value)
3. Fish & Aquatic Life Habitat (from USACE Highway Methodology: Fish & Shellfish Habitat)
4. Flood Storage (from USACE Highway Methodology: Floodflow Alteration)
5. Groundwater Recharge (from USACE Highway Methodology: Groundwater Recharge/Discharge)
6. Noteworthiness (from USACE Highway Methodology: Threatened or Endangered Species Habitat)
7. Nutrient Trapping/Retention & Transformation (from USACE Highway Methodology: Nutrient removal)
8. Production Export (Nutrient) (from USACE Highway Methodology)
9. Scenic Quality (from USACE Highway Methodology: Visual Quality/Aesthetics)
10. Sediment Trapping (from USACE Highway Methodology: Sediment /Toxicant Retention)
11. Shoreline Anchoring (from USACE Highway Methodology: Sediment/Shoreline Stabilization)
12. Uniqueness/Heritage (from USACE Highway Methodology)
13. Wetland-based Recreation (from USACE Highway Methodology: Recreation)
14. Wetland-dependent Wildlife Habitat (from USACE Highway Methodology: Wildlife Habitat)

First, determine if a wetland is suitable for particular function and value ("Suitability" column) and indicate the rationale behind your determination ("Rationale" column). Please use the rationale reference numbers listed in Appendix A of USACE *The Highway Methodology Workbook Supplement*. Second, indicate which functions and values are principal (Principal Function/value?" column). As described in *The Highway Methodology Workbook Supplement*, "functions and values can be principal if they are an important physical component of a wetland ecosystem (function only) and/or are considered of special value to society, from a local, regional, and/or national perspective".

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“Important Notes” are to include characteristics the evaluator used to determine the principal function and value of the wetland.

FUNCTIONS/ VALUES	SUITABILITY (Y/N)	RATIONALE (Reference #)	PRINCIPAL FUNCTION/VALUE? (Y/N)	IMPORTANT NOTES
1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No direct impact to the prime wetland
2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project is on private property and has no public access to the wetlands
3	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,2,3,4,5,8,14,17	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog/packer brook however no aquatic species were observed
4	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,2,3,5,6,7,8,9,13,14,18	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog/packer brook and has dense vegetation
5	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7,15	<input type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog
6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	only 1 species of tree was found in the data search but was found to be not present on site.
7	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,3,5,6,7,8,9,10,11,12,13,14	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog/packer brook
8	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,2,4,7,8,10,12	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog/packer brook
9	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	There are no view points of the wetland from the roadway nor the
10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5,8,9,10,12,13,15,16	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The site is adjacent to packer bog and packer brook
11	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5,13,14	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The site is adjacent to packer bog and packer brook
12	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,2,4,5,6,7,26,27,28	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The project site encompasses a portion of packer bog
13	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project is on private property and has no access for recreation

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14	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5,6,8,9,11,13,14,15,19,20,21	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The project site is adjacent to packer bog and packer brook
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**SECTION 5 - VERNAL POOL SUMMARY (Env-Wt 311.10)**

Delineations of vernal pools shall be based on the characteristics listed in the definition of “vernal pool” in Env-Wt 104.44. To assist in the delineation, individuals may use either of the following references:

- *Identifying and Documenting Vernal Pools in New Hampshire 3<sup>rd</sup> Ed.*, 2016, published by NHF&G; or
- The USACE *Vernal Pool Assessment* draft guidance dated 9-10-2013 and form dated 9-6-2016, Appendix L of the USACE New England District *Compensatory Mitigation Guidance*.

All vernal pool ID numbers are to be displayed and located on the wetland delineation of the subject property.

“Important Notes” are to include documented reproductive and wildlife values, landscape context, and relationship to other vernal pools/wetlands.

Note: For projects seeking federal approval from the USACE, please attach a completed copy of The USACE “Vernal Pool Assessment” form dated 9-6-2016, Appendix L of the USACE New England District *Compensatory Mitigation Guidance*.

VERNAL POOL ID NUMBER	DATE(S) OBSERVED	PRIMARY INDICATORS PRESENT (LIST)	SECONDARY INDICATORS PRESENT (LIST)	LENGTH OF HYDROPERIOD	IMPORTANT NOTES
1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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**SECTION 6 - STREAM RESOURCES SUMMARY**

DESCRIPTION OF STREAM: <input type="text"/>	STREAM TYPE (ROSGEN): <input type="text"/>
HAVE FISHERIES BEEN DOCUMENTED? <input type="checkbox"/> Yes <input type="checkbox"/> No	DOES THE STREAM SYSTEM APPEAR STABLE? <input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER KEY ON-SITE FUNCTIONS OF NOTE:

The following table can be used to compile data on stream resources. "Important Notes" are to include characteristics the evaluator used to determine principal function and value of each stream. The functions and values reference number are defined in Section 4.

FUNCTIONS/ VALUES	SUITABILITY (Y/N)	RATIONALE	PRINCIPAL FUNCTION/VALUE? (Y/N)	IMPORTANT NOTES
1	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
3	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
4	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
5	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
6	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
7	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
8	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
9	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
10	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
11	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>
12	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="text"/>

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13	<input type="checkbox"/> Yes <input type="checkbox"/> No	[REDACTED]	<input type="checkbox"/> Yes <input type="checkbox"/> No	[REDACTED]
14	<input type="checkbox"/> Yes <input type="checkbox"/> No	[REDACTED]	<input type="checkbox"/> Yes <input type="checkbox"/> No	[REDACTED]

**SECTION 7 - ATTACHMENTS (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)**

- Wildlife and vegetation diversity/abundance list.
- Photograph of wetland attached.
- Wetland delineation plans showing wetlands, vernal pools, and streams in relation to the impact area and surrounding landscape. Wetland IDs, vernal pool IDs, and stream IDs must be indicated on the plans.
- For projects in tidal areas only: additional information required by Env-Wt 603.03/603.04 (please refer to the Coastal Area Worksheet for more information)



STANDARD DREDGE AND FILL  
WETLANDS PERMIT APPLICATION  
ATTACHMENT A: MINOR AND MAJOR PROJECTS



Water Division/Land Resources Management  
Wetlands Bureau

[Check the Status of your Application](#)

**RSA/ Rule:** RSA 482-A/ Env-Wt 311.10; Env-Wt 313.01(a)(1); Env-Wt 313.03

**APPLICANT'S NAME:** Dube Plus Construction, Attn:Thomas Dube      **TOWN NAME:** Portsmouth

Attachment A is required for *all minor and major projects*, and must be completed *in addition* to the [Avoidance and Minimization Narrative](#) or [Checklist](#) that is required by Env-Wt 307.11.

For projects involving construction or modification of non-tidal shoreline structures over areas of surface waters having an absence of wetland vegetation, only Sections I.X through I.XV are required to be completed.

**PART I: AVOIDANCE AND MINIMIZATION**

In accordance with Env-Wt 313.03(a), the Department shall not approve any alteration of any jurisdictional area unless the applicant demonstrates that the potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized, as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization](#).

**SECTION I.I - ALTERNATIVES (Env-Wt 313.03(b)(1))**

Describe how there is no practicable alternative that would have a less adverse impact on the area and environments under the Department's jurisdiction.

THE APPLICANT IS PROPOSING NO DIRECT WETLAND IMPACTS HOWEVER THEY ARE PROPOSING TO REDEVELOP AN EXISTING ROADWAY THAT CURRENTLY EXISTS PARTIALLY WITHIN THE 100 FOOT STATE PRIME WETLAND BUFFER. THIS BUFFER IMPACT IS NECESSARY TO ACCESS THE PORTION OF THE SITE THAT HAS BUILABLE UPLAND AREA OUTSIDE OF THE 100 FOOT PRIME WETLAND BUFFER.

**SECTION I.II - MARSHES (Env-Wt 313.03(b)(2))**

Describe how the project avoids and minimizes impacts to tidal marshes and non-tidal marshes where documented to provide sources of nutrients for finfish, crustacean, shellfish, and wildlife of significant value.

The project does not have any direct wetland impact to tidal marshes or non-tidal marshes. The applicant is proposing to redevelop an existing roadway within the previously disturbed 100 foot prime wetland buffer. The applicants proposal will reduce 1,179 SF of the existing impervious surface currently within the 100 foot prime wetland buffer.

**SECTION I.III - HYDROLOGIC CONNECTION (Env-Wt 313.03(b)(3))**

Describe how the project maintains hydrologic connections between adjacent wetland or stream systems.

The proposed project does not have any direct wetland impact and as such will not effect hydrologic connections between adjacent wetlands or stream systems. All impacts are to the previously disturbed 100 foot state prime wetland buffer for the redevelopment of an existing roadway.



**SECTION I.IV - JURISDICTIONAL IMPACTS (Env-Wt 313.03(b)(4))**

Describe how the project avoids and minimizes impacts to wetlands and other areas of jurisdiction under RSA 482-A, especially those in which there are exemplary natural communities, vernal pools, protected species and habitat, documented fisheries, and habitat and reproduction areas for species of concern, or any combination thereof.

The applicants proposed subdivision and development will redevelop an existing roadway within the previously disturbed 100 foot state prime wetland buffer and will have no direct wetland impacts associated with the development.

**SECTION I.V - PUBLIC COMMERCE, NAVIGATION, OR RECREATION (Env-Wt 313.03(b)(5))**

Describe how the project avoids and minimizes impacts that eliminate, depreciate or obstruct public commerce, navigation, or recreation.

The proposed development will take place entirely on private land and will not have any effect on public commerce, navigation or recreation.

**SECTION I.VI - FLOODPLAIN WETLANDS (Env-Wt 313.03(b)(6))**

Describe how the project avoids and minimizes impacts to floodplain wetlands that provide flood storage.

The proposed development does not have any direct wetland impacts. Impacts associated with this proposed development are to the previously disturbed 100 foot state prime wetland buffer for roadway redevelopment and improved stormwater management.

**SECTION I.VII - RIVERINE FORESTED WETLAND SYSTEMS AND SCRUB-SHRUB – MARSH COMPLEXES (Env-Wt 313.03(b)(7))**

Describe how the project avoids and minimizes impacts to natural riverine forested wetland systems and scrub-shrub – marsh complexes of high ecological integrity.

The applicant is proposing to redevelop an existing roadway on site to be utilized as a shared driveway for access to the proposed two lot subdivision. Although there are no direct wetland impacts this existing roadway is currently within the 100 foot state prime wetland buffer. By utilizing the existing foot print of this roadway and even reducing some of the existing impervious surface within the buffer the applicant is demonstrating that they are minimizing additional impacts to the undisturbed areas of prime wetland buffer.

**SECTION I.VIII - DRINKING WATER SUPPLY AND GROUNDWATER AQUIFER LEVELS (Env-Wt 313.03(b)(8))**

Describe how the project avoids and minimizes impacts to wetlands that would be detrimental to adjacent drinking water supply and groundwater aquifer levels.

The proposed project will have no direct wetland impacts, but will impact the previously disturbed 100 foot prime wetland buffer only for the redevelopment of an existing roadway.

**SECTION I.IX - STREAM CHANNELS (Env-Wt 313.03(b)(9))**

Describe how the project avoids and minimizes adverse impacts to stream channels and the ability of such channels to handle runoff of waters.

The areas described above were not observed on site.

**SECTION I.X - SHORELINE STRUCTURES - CONSTRUCTION SURFACE AREA (Env-Wt 313.03(c)(1))**

Describe how the project has been designed to use the minimum construction surface area over surface waters necessary to meet the stated purpose of the structures.

There are no shoreline areas on site.

**SECTION I.XI - SHORELINE STRUCTURES - LEAST INTRUSIVE UPON PUBLIC TRUST (Env-Wt 313.03(c)(2))**

Describe how the type of construction proposed is the least intrusive upon the public trust that will ensure safe docking on the frontage.

There are no shoreline areas on site.

**SECTION I.XII - SHORELINE STRUCTURES – ABUTTING PROPERTIES (Env-Wt 313.03(c)(3))**

Describe how the structures have been designed to avoid and minimize impacts on ability of abutting owners to use and enjoy their properties.

There are no shoreline areas on site.

**SECTION I.XIII - SHORELINE STRUCTURES – COMMERCE AND RECREATION (Env-Wt 313.03(c)(4))**

Describe how the structures have been designed to avoid and minimize impacts to the public's right to navigation, passage, and use of the resource for commerce and recreation.

There are no shoreline areas on site.

**SECTION I.XIV - SHORELINE STRUCTURES – WATER QUALITY, AQUATIC VEGETATION, WILDLIFE AND FINFISH HABITAT (Env-Wt 313.03(c)(5))**

Describe how the structures have been designed, located, and configured to avoid impacts to water quality, aquatic vegetation, and wildlife and finfish habitat.

There are no shoreline areas on site.

**SECTION I.XV - SHORELINE STRUCTURES – VEGETATION REMOVAL, ACCESS POINTS, AND SHORELINE STABILITY (Env-Wt 313.03(c)(6))**

Describe how the structures have been designed to avoid and minimize the removal of vegetation, the number of access points through wetlands or over the bank, and activities that may have an adverse effect on shoreline stability.

There are no shoreline areas on site.

<b>PART II: FUNCTIONAL ASSESSMENT</b>	
<b>REQUIREMENTS</b>	Ensure that project meets the requirements of Env-Wt 311.10 regarding functional assessment (Env-Wt 311.04(j); Env-Wt 311.10).
<b>FUNCTIONAL ASSESSMENT METHOD USED:</b>	Army Corps of Engineers Highway Methodology
<b>NAME OF CERTIFIED WETLAND SCIENTIST (FOR NON-TIDAL PROJECTS) OR QUALIFIED COASTAL PROFESSIONAL (FOR TIDAL PROJECTS) WHO COMPLETED THE ASSESSMENT:</b>	BRENDEN WALDEN CWS 297
<b>DATE OF ASSESSMENT:</b>	8/27/2020
Check this box to confirm that the application includes a NARRATIVE ON FUNCTIONAL ASSESSMENT:	<input checked="" type="checkbox"/>
For minor or major projects requiring a standard permit without mitigation, the applicant shall submit a wetland evaluation report that includes completed checklists and information demonstrating the RELATIVE FUNCTIONS AND VALUES OF EACH WETLAND EVALUATED. Check this box to confirm that the application includes this information, if applicable:	<input checked="" type="checkbox"/>
<p>Note: The Wetlands Functional Assessment worksheet can be used to compile the information needed to meet functional assessment requirements.</p>	



**US Army Corps  
of Engineers**®  
New England District

**New Hampshire General Permits (GPs)  
Appendix B - Corps Secondary Impacts Checklist  
(for inland wetland/waterway fill projects in New Hampshire)**

1. Attach any explanations to this checklist. Lack of information could delay a Corps permit determination.
2. All references to “work” include all work associated with the project construction and operation. Work includes filling, clearing, flooding, draining, excavation, dozing, stumping, etc.
3. See GC 5, regarding single and complete projects.
4. Contact the Corps at (978) 318-8832 with any questions.

<b>1. Impaired Waters</b>	Yes	No
1.1 Will any work occur within 1 mile upstream in the watershed of an impaired water? See <a href="http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm">http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm</a> to determine if there is an impaired water in the vicinity of your work area.*		X
<b>2. Wetlands</b>	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?	X	
2.2 Are there proposed impacts to SAS, special wetlands. Applicants may obtain information from the NH Department of Resources and Economic Development Natural Heritage Bureau (NHB) DataCheck Tool for information about resources located on the property at <a href="https://www2.des.state.nh.us/nhb_datacheck/">https://www2.des.state.nh.us/nhb_datacheck/</a> . The book <a href="#">Natural Community Systems of New Hampshire also contains specific information about the natural communities found in NH.</a>		X
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?	N/A	
2.4 Would the project remove part or all of a riparian buffer? (Riparian buffers are lands adjacent to streams where vegetation is strongly influenced by the presence of water. They are often thin lines of vegetation containing native grasses, flowers, shrubs and/or trees that line the stream banks. They are also called vegetated buffer zones.)		X
2.5 The overall project site is more than 40 acres?		X
2.6 What is the area of the previously filled wetlands?	UNKNOWN	
2.7 What is the area of the proposed fill in wetlands?	0 SF	
2.8 What is the % of previously and proposed fill in wetlands to the overall project site?	UNKNOWN	
<b>3. Wildlife</b>	Yes	No
3.1 Has the NHB & USFWS determined that there are known occurrences of rare species, exemplary natural communities, Federal and State threatened and endangered species and habitat, in the vicinity of the proposed project? (All projects require an NHB ID number & a USFWS IPAC determination.) NHB DataCheck Tool: <a href="https://www2.des.state.nh.us/nhb_datacheck/">https://www2.des.state.nh.us/nhb_datacheck/</a> USFWS IPAC website: <a href="https://ecos.fws.gov/ipac/location/index">https://ecos.fws.gov/ipac/location/index</a>	X	



3.2 Would work occur in any area identified as either “Highest Ranked Habitat in N.H.” or “Highest Ranked Habitat in Ecological Region”? (These areas are colored magenta and green, respectively, on NH Fish and Game’s map, “2010 Highest Ranked Wildlife Habitat by Ecological Condition.”) Map information can be found at: <ul style="list-style-type: none"> <li>• PDF: <a href="http://www.wildlife.state.nh.us/Wildlife/Wildlife_Plan/highest_ranking_habitat.htm">www.wildlife.state.nh.us/Wildlife/Wildlife_Plan/highest_ranking_habitat.htm</a>.</li> <li>• Data Mapper: <a href="http://www.granit.unh.edu">www.granit.unh.edu</a>.</li> <li>• GIS: <a href="http://www.granit.unh.edu/data/downloadfreedata/category/databycategory.html">www.granit.unh.edu/data/downloadfreedata/category/databycategory.html</a>.</li> </ul>	X	
3.3 Would the project impact more than 20 acres of an undeveloped land block (upland, wetland/waterway) on the entire project site and/or on an adjoining property(s)?		X
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		X
3.5 Are stream crossings designed in accordance with the GC 21?	N/A	
<b>4. Flooding/Floodplain Values</b>	<b>Yes</b>	<b>No</b>
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?		X
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?		
<b>5. Historic/Archaeological Resources</b>		
For a minimum, minor or major impact project - a copy of the Request for Project Review (RPR) Form ( <a href="http://www.nh.gov/nhdhr/review">www.nh.gov/nhdhr/review</a> ) with your DES file number shall be sent to the NH Division of Historical Resources as required on Page 11 GC 8(d) of the GP document**	X	

\*Although this checklist utilizes state information, its submittal to the Corps is a Federal requirement.

\*\* If your project is not within Federal jurisdiction, coordination with NH DHR is not required under Federal law.

## 2.0 GENERAL INFORMATION

PREPARED BY (AGENT CONTACT): Brenden Walden

## 2.1 PROJECT NAME, PLANS, AND MAPS

PROJECT NAME: Patricia Drive

SITE PLANS/MAPS: Existing Conditions Plan  
Proposed Plan  
8½"x11" USGS Quad Sheet Locus Map  
8½"x11" Wildlife Action Plan  
8½"x11" Aerial Imagery  
11x17" Overview Plan  
11x17" Wetland Impact Plan Detail  
11x17" Project Site Tax Map

## 2.2 TECHNICAL STANDARDS

- 2.2.1 Gove Environmental Services, Inc. delineated the wetlands during the spring of 2019, utilizing the standards of the Corps of Engineers *Wetlands Delineation Manual*<sup>1</sup> and the NH DES Wetlands Bureau *Code of Administrative Rules*<sup>2</sup>.
- 2.2.2 Wetland flags were surveyed by New Hampshire Land Consultants, PLLC.
- 2.2.3 Wetlands were classified by GES utilizing the criteria of *Classification of Wetlands and Deepwater Habitats of the United States*<sup>3</sup>.
- 2.2.4 Dominant hydric soil conditions within the wetlands were identified by GES utilizing the criteria of *Field Indicators for Identifying Hydric Soils in New England*<sup>4</sup>.
- 2.2.5 Dominance of wetland vegetation was assessed by GES utilizing the *National List of Plant Species That Occur in Wetlands: Northeast (Region 1)*<sup>5</sup>.

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<sup>1</sup> Environmental Laboratory. 2012. "Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Northcentral and Northeast Region." Version 2.0. Technical Report ERDC/EL TR-10-12.

<sup>2</sup> NH Code Admin. R. [Wt] Ch. 100-800.

<sup>3</sup> Cowardin, L. M., 1979. *Classification of Wetlands and Deepwater Habitats in the United States*. Washington, D.C.: U.S. Department of the Interior, Fish and Wildlife Service.

<sup>4</sup> New England Hydric Soils Technical Committee, Version 4. April 2019. "Field Indicators for Identifying Hydric Soils in New England."

<sup>5</sup> Lichvar, R.W. & Kartesz, J.T. 2009. *North American Digital Flora: National Wetland Plant List*. 2.2.1.

## 2.3 SITE DESCRIPTION/WETLANDS OVERVIEW

The site is located on Map 283 lot 11 and is part of an existing residential development off of Ocean Rd in Portsmouth. The 3-acre site consist of primarily undisturbed mature forest to the east. This forested upland contains several species of maple, oak, birch, beach and hemlock. This upland area is directly bordered on site by packer bog, a state prime wetland with a 100-foot prime wetland buffer. The site has an existing cul-de-sac style paved driveway which extends a majority of the way into the site.

## 2.4 CONSTRUCTION SEQUENCE AND DRAINAGE PRACTICES

1. Cut and clear trees, remove existing pavement within limit of work (proposed treeline). Unless otherwise noted. All stumps, branches, tops and brush to be properly disposed of, preferably off site.
2. Construct temporary and permanent erosion control facilities (detention basin, diversion berm, grass swale) prior to any earth moving operation
3. All areas shall be protected from erosion. Side slopes and detention pond shall be stabilized prior to directing runoff to them.
4. Pond shall be installed early on in the construction sequence (before rough grading the site).
5. All storm drainage systems such as detention/retention basins, level spreaders shall be protected from erosion. All storm drainage systems shall be stabilized prior to directing flow into them.
6. Construct temporary culverts, diversion ditches/swales or berms as required to minimize the erosive affects of stormwater runoff during all construction activities. Temporary water diversion (swales, basins, etc.) must be used as necessary until areas are stabilized.
7. All material suitable or use as topsoil shall be stockpiled in uplands areas. all stockpiles shall be seeded with winter rye and if necessary, surrounded with silt fence, and/or straw bales, in order to prevent or contain soil erosion.
8. All material suitable for fill or select material shall be stockpiled in uplands areas. all stockpiles shall be surrounded with silt fence, and/or straw bales, in order to contain soil erosion
9. Remove all improper roadway/site foundation materials with 18" of subgrade. Replace with compacted granular fill acceptable to the state/town specifications.
10. Construct all underground utilities including but not limited to drain, data, cable and power.
11. Rough grade site within limit of work and commence construction of roadway.
12. Site shall be stabilized within 72 hours of finished grade
13. Complete roadway slope grading/embankment construction. All slopes shall be stabilized and seeded immediately after grading. The contractors shall stabilize slopes with appropriate seeding program or jute mat, wherever specified. All cut and fill slopes shall be seeded/loamed within 72 hours of achieving finish grade.
14. Apply topsoil to site slopes and other areas disturbed by construction. Topsoil used may be native organic material screened as to be free from roots, branches, stones, and other materials. Top soil shall be applied so as to provide a minimum of a 4-inch compacted thickness. Upon completion of topsoiling, finished sections are to be limed seeded and

mulched. The contractor shall inspect completed sections of work on a regular basis and remedy any problem areas until a health stand of grass is established.

15. Maintain, repair and replace temporary erosion control measures as necessary for a minimum period of 12 months following substantial completion.
16. After stabilization (12 months following substantial completion) remove and properly dispose of temporary erosion control measures, preferably off site.
17. The smallest practical area shall be disturbed during construction but in no case shall exceed 5 acres at any one time before disturbed areas are stabilized.  
Definition of the word stable: an area shall be considered stable if one of the following has occurred:
  - A: Base course gravels have been installed in areas to be paved.
  - B: A minimum of 85 percent vegetated growth has been established
  - C: A minimum of 3 inches of non-erosive material such as stone or riprap has been installed
  - D: or, Erosion control blankets have been properly installed.
18. All areas shall be stabilized within 45 days of initial disturbance.

### 3.0 PROJECT OVERVIEW

The applicant is proposing a two-lot subdivision of the existing lot of record to construct two single family residential dwellings. The applicant will redevelop the existing roadway which currently impacts the 5,718 SF of state prime wetland buffer. The redevelopment will remove approximately 1,179 SF of impervious surface from the previously disturbed state prime wetland buffer as well as improve stormwater management on site. The proposed project will have no direct wetland impacts associated with the development. The impact to the previously disturbed prime wetland buffer will allow the applicant to gain access to the buildable upland area outside of the state prime wetland buffer.

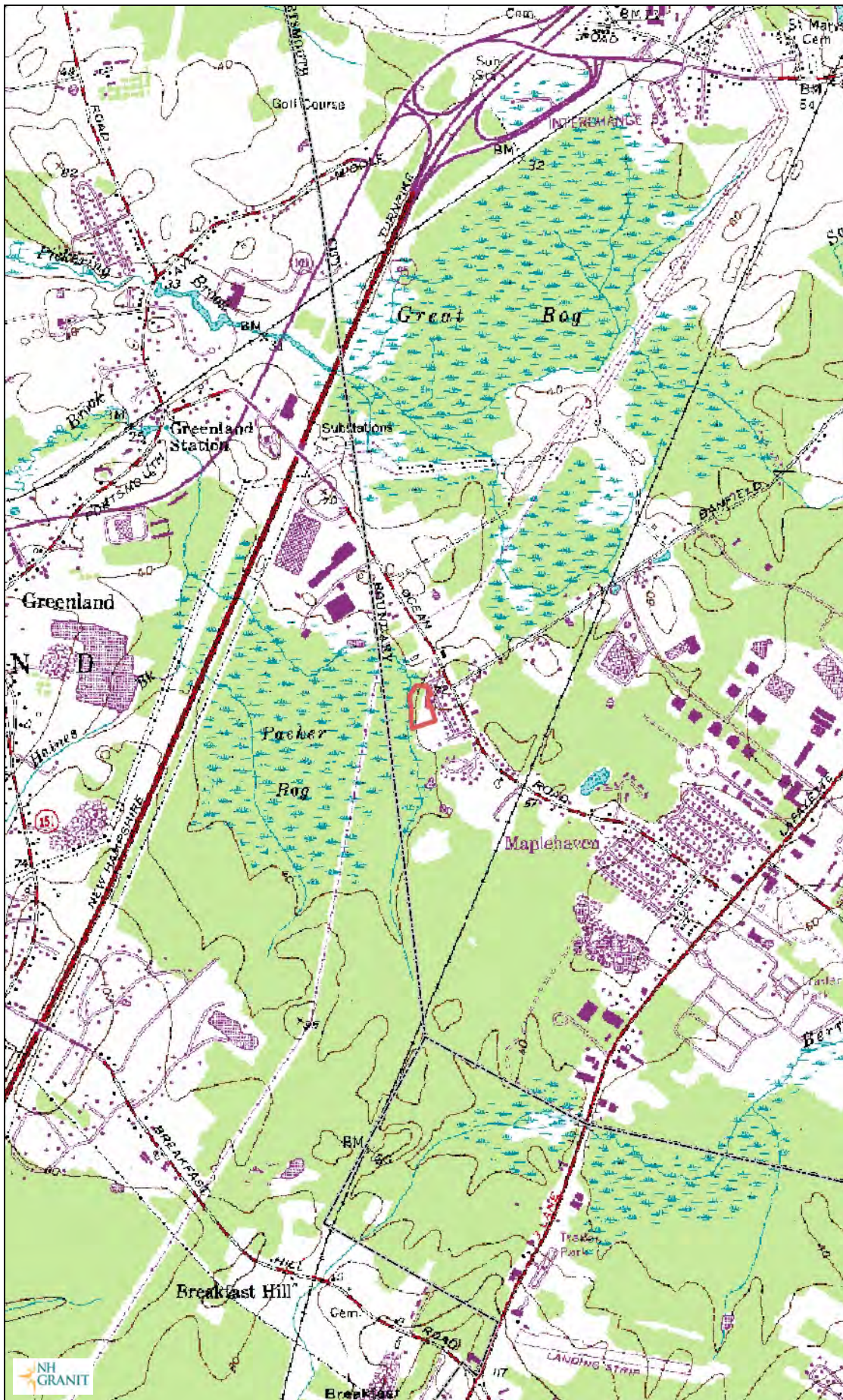
#### 3.1 ONSITE MITIGATION

The applicant is proposing to work within the foot print of an existing roadway on site to gain access to the buildable upland area outside of the 100-foot state prime wetland buffer. During the redevelopment of this roadway the applicant will remove approximately 1032 SF of existing impervious surface from the 100-foot prime wetland buffer. By staying within the existing foot print of the previously disturbed 100-foot state prime wetland buffer and even removing a portion of the existing impervious surface, the applicants proposed project will help to improve the existing functions and values within the buffer. The applicant has also designed onsite stormwater management which will assist in improving the water quality on site.

*Patricia Drive, Portsmouth, NH  
Dredge and Fill Application for Major Impacts  
September, 2020*

**1985 USGS QUAD SHEET LOCUS MAP  
Scale 1:24,000**

# USGS



## Legend

- State
- County
- City/Town

Map Scale

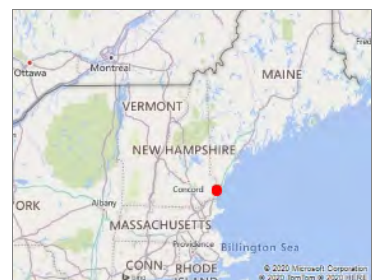
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Map Generated: 8/21/2020



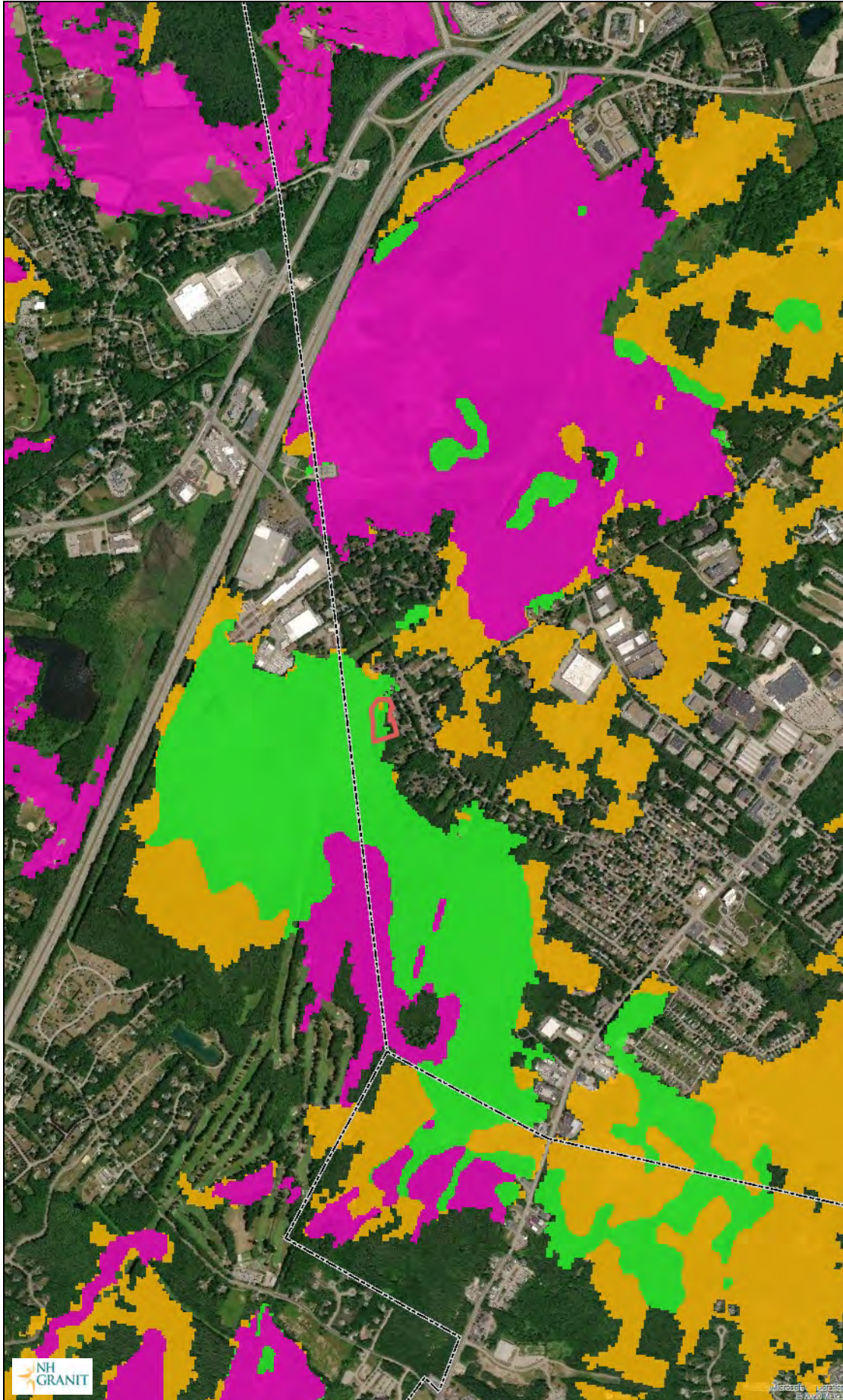
## Notes



*Patricia Drive, Portsmouth, NH  
Dredge and Fill Application for Major Impacts  
September, 2020*

**Wildlife Action Plan  
Scale 1:24,000**

# Wildlife Action Plan



## Legend

- State
- County
- City/Town
- WAP 2020: Highest Ranked Wildlife Habitat
  - 1 Highest Ranked Habitat in NH
  - 2 Highest Ranked Habitat in Region
  - 3 Supporting Landscape

Map Scale

1: 24,000

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## Notes





# Wildlife Action Plan



## Legend

- State
- County
- City/Town
- WAP 2020: Highest Ranked Wildlife Habitat
  - 1 Highest Ranked Habitat in NH
  - 2 Highest Ranked Habitat in Region
  - 3 Supporting Landscape

Map Scale

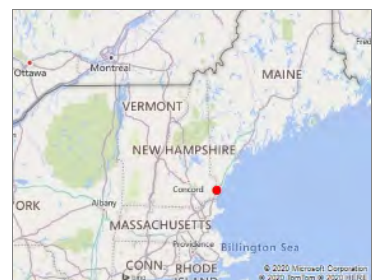
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Map Generated: 8/21/2020

## Notes



## **Aerial Imagery**

# Aerial



## Legend

- State
- County
- City/Town

Map Scale

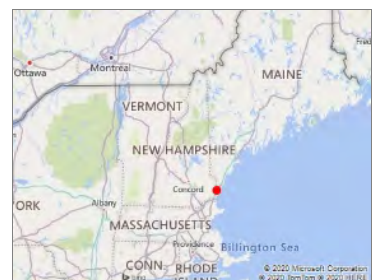
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Map Generated: 8/24/2020



## Notes



# Aerial



## Legend

- State
- County
- City/Town

Map Scale

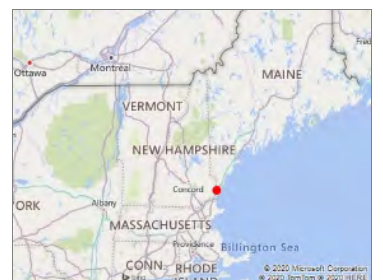
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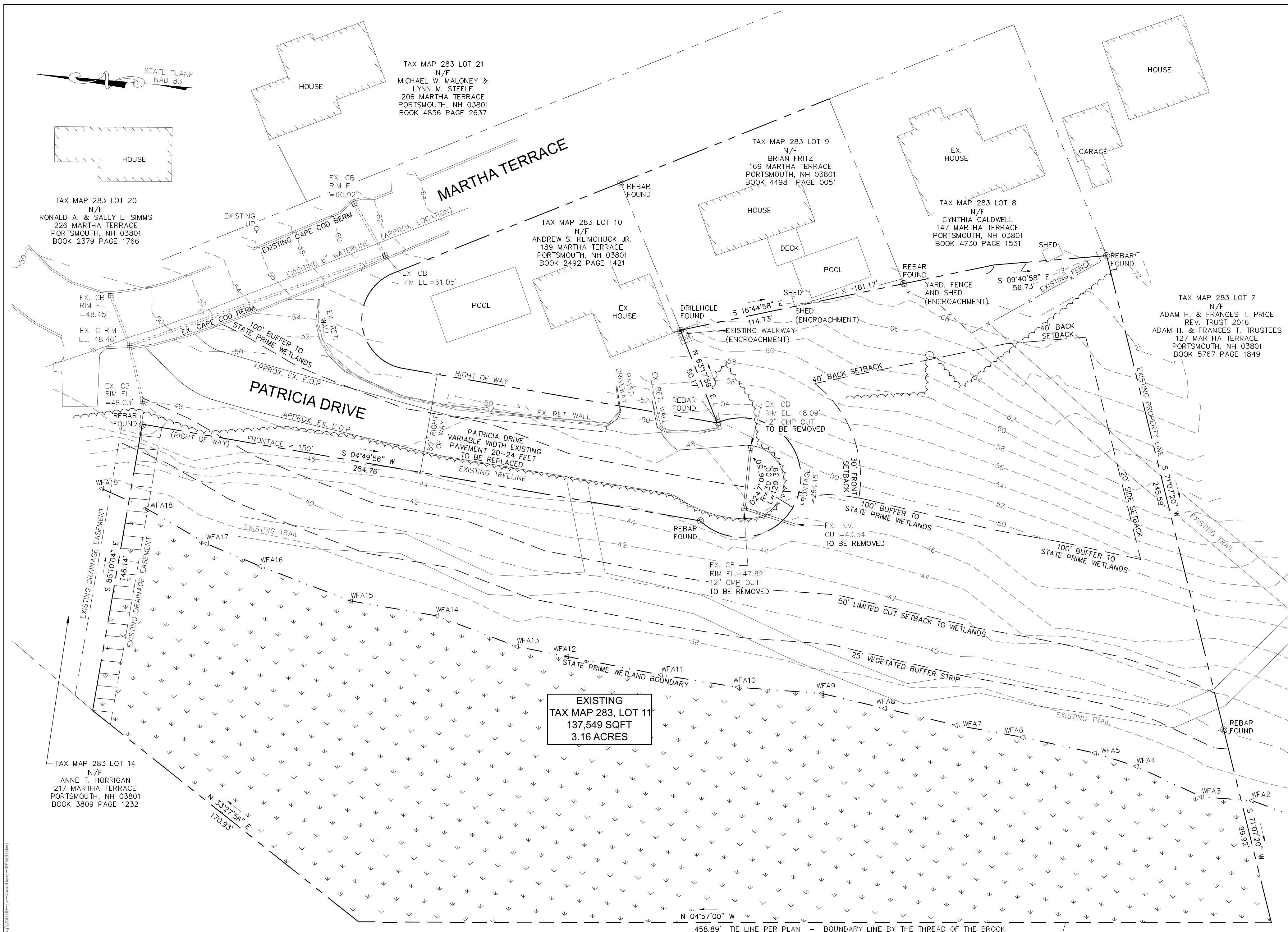
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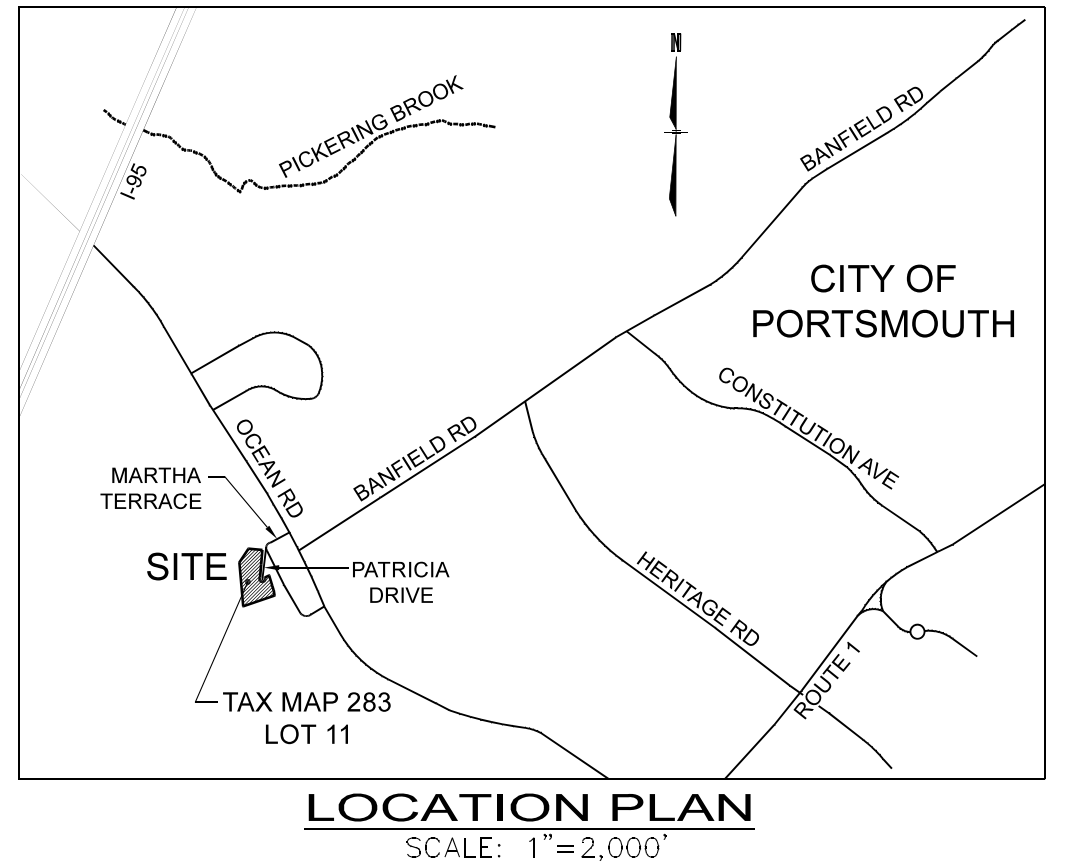
## Notes



## EXISTING CONDITIONS PLAN



- ABUTTERS LIST:**
- N/F  
MAP 283 LOT 7  
ADAM H. & FRANCES T. PRICE, TRUSTEES  
127 MARTHA TERRACE,  
PORTSMOUTH, NH 03801  
BOOK 5767 PAGE 1849
  - N/F  
MAP 283 LOT 8  
CYNTHIA CALDWELL  
147 MARTHA TERRACE,  
PORTSMOUTH, NH 03801  
BOOK 4730 PAGE 1531
  - N/F  
MAP 283 LOT 9  
BRIAN A FRITZ  
169 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 4491 PAGE 0051
  - N/F  
MAP 283 LOT 10  
ANDREW S KLIMCHUCK JR  
189 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 2492 PAGE 1421
  - N/F  
MAP 283 LOT 11  
MICHAEL W MALONEY &  
LYNN M STEELE  
206 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 4859 PAGE 2637
  - N/F  
MAP 283 LOT 12  
RONALD A & SALLY L SIMMS  
226 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 2379 PAGE 1768
  - N/F  
MAP 283 LOT 14  
ANNE T HORRIGAN  
217 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 3809 PAGE 1232
  - N/F  
MAP 283 LOT 13  
CITY OF PORTSMOUTH, DPW  
P.O. BOX 628  
PORTSMOUTH, NH 03802  
BOOK 2249 PAGE 0432
  - N/F  
MAP 283 LOT 12  
ELIZABETH J ROLSTON  
185 POST ROAD  
GREENLAND, NH 03840  
BOOK 2679 PAGE 2523



- NOTES:**
- THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
  - THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
  - THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQFT.)
  - THE CURRENT OWNER FOR TAX MAP 283, LOT 11: FRITZ FAMILY REVOC LIV TRUST, P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261. BK 3338 PG 173.
  - THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
  - DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:  
MIN. ROAD FRONTAGE = 150'  
MIN. LOT DEPTH = 200'  
MIN. LOT SIZE = 43,560 SF (1 ACRE)  
MIN. FRONT SETBACK = 30'  
MIN. REAR SETBACK = 40'  
MIN. SIDE SETBACK = 20'  
WETLAND/WATERBODY SETBACK = 100'  
WETLAND/LIMITED CUT = 50'  
WETLAND/VEGETATED BUFFER STRIP = 25'  
MAXIMUM STRUCTURE HEIGHT = 35'  
SEPTIC SETBACK = 75' HYDRIC SOILS  
OVERLAY DISTRICTS: (STEEP SLOPES, SOILS, WETLANDS, CONSERVATION)
  - THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
  - THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
  - SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
  - WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
  - RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
  - ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY GRANVIEW.UH.EDU
  - SHEET 7 OF 8 THIS SET WILL BE RECORDED. A COMPLETE PLAN SET WILL BE FILED AT THE CITY OF PORTSMOUTH.
  - THE FEMA MAP NUMBER FOR THIS SITE IS 33015C0270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS ASSOCIATED WITH X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
  - ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CITY OF PORTSMOUTH SUBDIVISION PLAN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE CITY.
  - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE CITY.
  - ELEVATIONS AND COORDINATES ARE BASED ON STATE PLANE COORDINATES FROM A SOLUTION GENERATED BY NGS OPUS ON JUNE 18, 2020 FROM DATA COLLECTED BY THIS OFFICE ON JUNE 18, 2020. THE OPUS SOLUTION IS BASED ON THE NAD 83 (2011) REF. FRAME AND THE NAVD 88.

- PLAN REFERENCES:**
- R.C.R.D. PLAN #195, RECORDED APRIL 10, 1964, TITLED: "PARCIAL PLAN OF OCEAN MANOR, PORTSMOUTH, NH", PREPARED FOR: HILTON HOMES, INC., GREENLAND NH, DATED, JANUARY, 1964, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=40', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD ON MARCH 20, 1964.
  - R.C.R.D. PLAN #05967, RECORDED MAY 21, 1976, TITLED: "RESUBDIVISION OF OCEAN MANNER", PREPARED FOR: ANDREWS PROPERTIES, INC., PORTSMOUTH NH, DATED: MARCH 1976, REVISED MAY 1976, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=50', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD DURING 1976.
  - R.C.R.D. PLAN #C8102, RECORDED SEPTEMBER 18, 1978, TITLED: "LOT LINE REVISION, LAND OF LEVESQUE AND GERALD, PORTSMOUTH NH", PREPARED BY: JOHN W. DURGIN ASSOCIATES INC., ENGINEERS, SURVEYORS & DESIGNERS OF PORTSMOUTH AND ROCHESTER, DATED SEPTEMBER 1978, SCALE: 1"=50', APPROVED BY PORTSMOUTH PLANNING BOARD ON SEPTEMBER 18, 1978.
  - R.C.R.D. PLAN #D33328, RECORDED DECEMBER 6, 2005, TITLED: "SUBDIVISION AND LOT LINE RELOCATION PLAN, MAP 283 - LOTS 7 & 11", PREPARED FOR: ADAM H. & FRANCES PRICE AND ADAM H. PRICE & FRITZ FAMILY REV. LIVING TRUST, 127 MARTHA TERRACE & PATRICIA DRIVE, PORTSMOUTH NH, PREPARED BY: AMBIT ENGINEERING, INC., CIVIL ENGINEERS & LAND SURVEYORS, PORTSMOUTH NH, SCALE: 1"=50', DATED MARCH 2005, APPROVED BY PORTSMOUTH PLANNING BOARD ON OCTOBER 24, 2005.

**LEGEND**

EXISTING RETAINING WALL	=====	WETLANDS	W
ABUTTERS PROPERTY LINES	-----	DRILL HOLE FOUND	⊙
SUBJECT PROPERTY LINES	-----	REBAR W/ CAP FOUND	⊙
PROPOSED PROPERTY LINES	-----	STONE BOUND FOUND	⊠
EXISTING TIE LINE	-----		
EDGE OF PAVEMENT	-----		
PROPOSED BLDG SETBACK	-----		
EXISTING CONTOUR (MNR)	-572-----		
EXISTING CONTOUR (MJR)	-570-----		

- Standards Utilized:**
- US Army Corps of Engineers Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Technical Report ERDC/EL TR-12-1 (January 2012).
  - Field Indicators for Identifying Hydric Soils in New England—Version 4, April 2019; New England Hydric Soils Technical Committee
  - US Army Corps of Engineers National Wetland Plant List, 2018
  - Classification of Wetlands and Deepwater Habitats of the United States: USFWS Manual FWS/OBS-79/31 (1979)

NEW STATE OF NEW HAMPSHIRE  
No. 945  
SCOTT R.  
FRANKIEWICZ  
SIGNATURE

I CERTIFY THAT THIS PLAN IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN SPRING OF 2020, MEETING THE MINIMUM REQUIREMENTS FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE CITY OF PORTSMOUTH, NH.

SCOTT R. FRANKIEWICZ, LLS DATE: \_\_\_\_\_

ENGINEER

NO.	DATE	DESCRIPTION

EXISTING CONDITIONS PLAN  
TAX MAP 283 LOT 11  
**DUBE PLUS CONSTRUCTION**  
PATRICIA DRIVE, PORTSMOUTH, NH 03801  
OWNED BY  
**FRITZ FAMILY REVOC LIV TRUST,**  
**EDGAR H FRITZ, TRUSTEE**  
P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261  
BOOK 3338 PAGE 0173

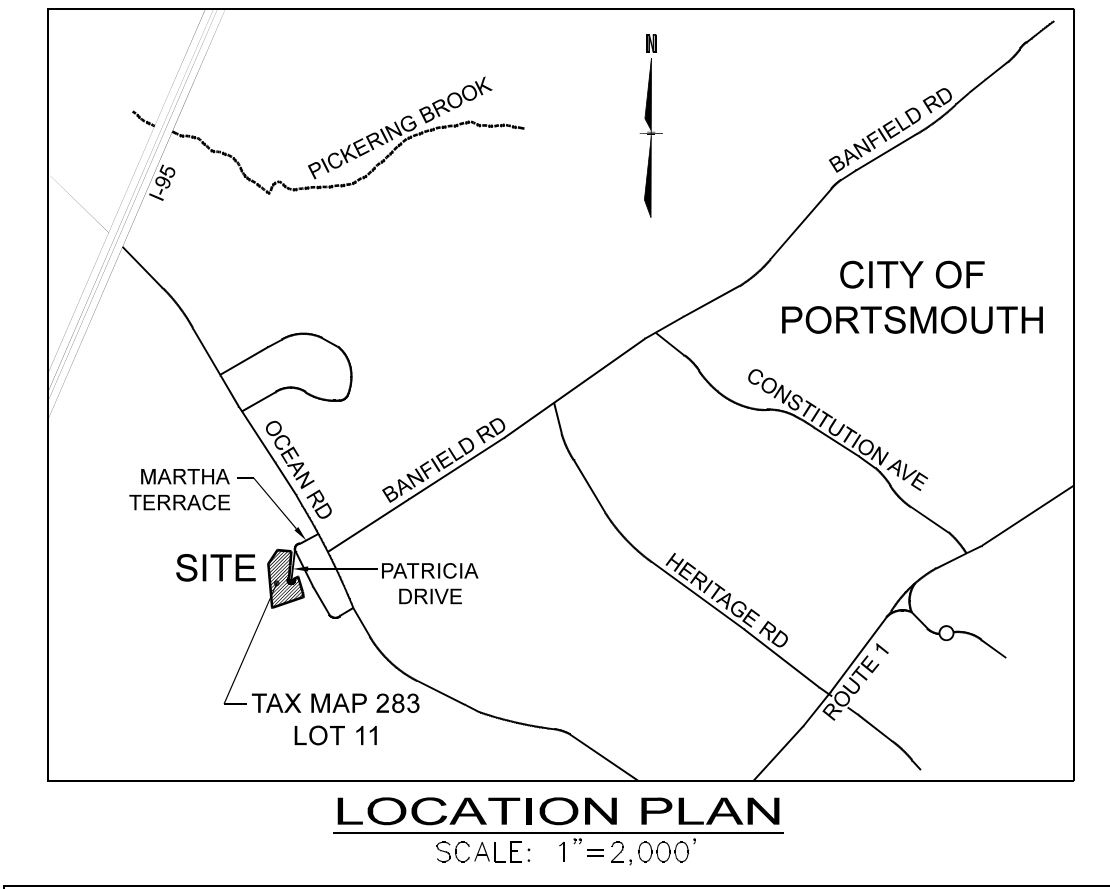
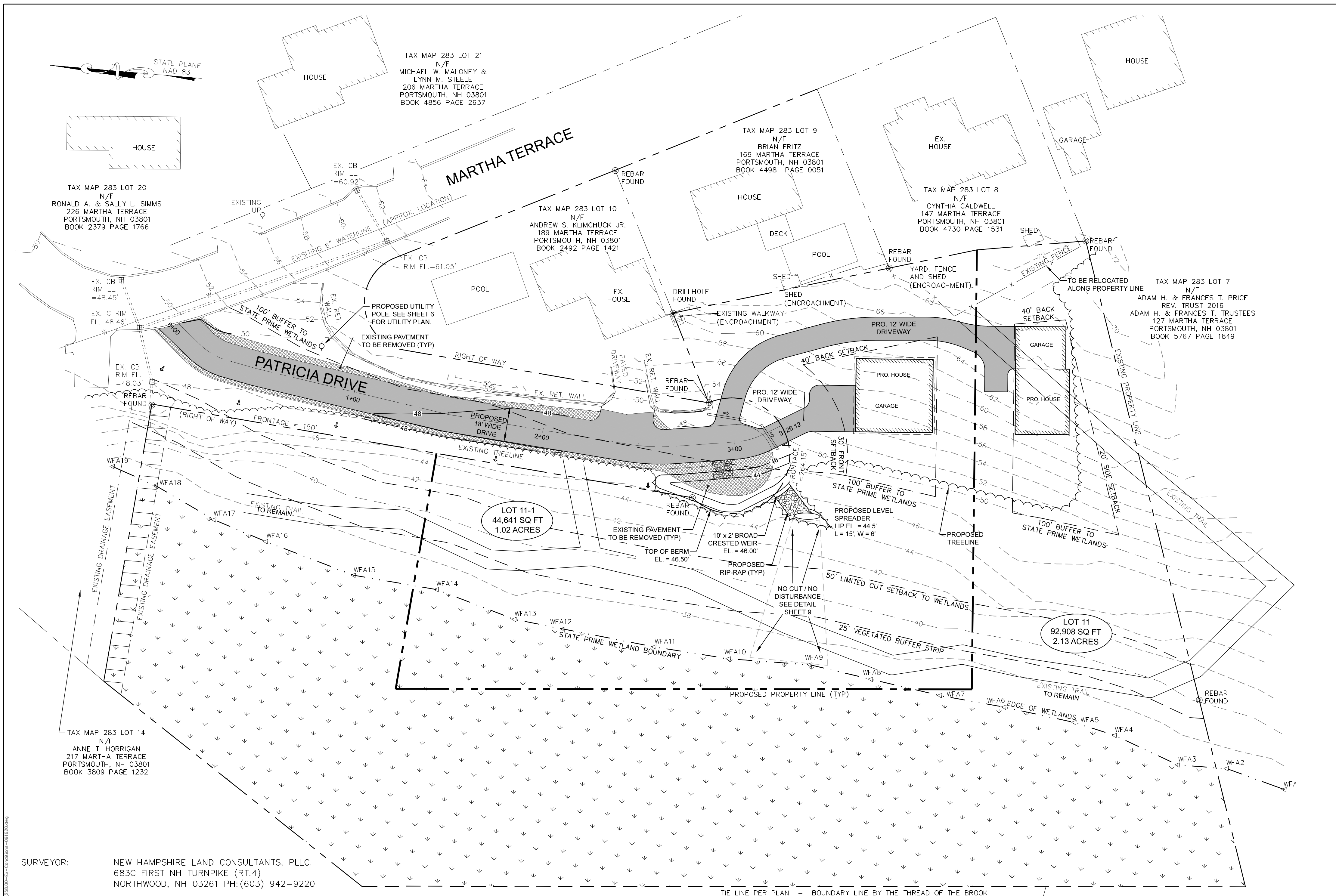
GRAPHIC SCALE  
15 7.5 0 30  
SCALE: 1"=30'

ROCKINGHAM CO.  
JOB NO: 258.00  
DATE: SEPTEMBER 21, 2020

**ECP**  
SHT. 2 of 9

N.H. LAND Consultants  
SURVEYING • LAND PLANNING • REAL ESTATE  
A Veteran Owned Company  
WEBSITE: NHLANDCONSULTANTS.COM  
PH: 603-942-9220  
PH: 603-942-9220  
683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261

## SITE PLANS



- NOTES:**
1. THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
  2. THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
  3. THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQFT.)
  4. THE CURRENT OWNER FOR TAX MAP 283, LOT 11: FRITZ FAMILY REVOC LIV TRUST, P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261. BR 3138 PG 173.
  5. THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
  6. DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:
 

MIN. ROAD FRONTAGE	=150'
MIN. LOT DEPTH	=200'
MIN. LOT SIZE	=43,560 SF (1 ACRE)
MIN. ROAD SETBACK	=30'
MIN. REAR SETBACK	=40'
MIN. SIDE SETBACK	=20'
WETLAND/WATERBODY SETBACK	=100'
WETLAND/LIMITED CUT	=50'
WETLAND/VEGETATED BUFFER STRIP	=25'
MAXIMUM STRUCTURE HEIGHT	=35'
SEPTIC SETBACK	=75' HYDRIC SOILS

 OVERLAY DISTRICTS: (STEEP SLOPES, SOILS, WETLANDS, CONSERVATION)
  7. THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
  8. THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
  9. SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
  10. WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
  11. RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
  12. ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY grantview.unh.edu.
  13. SHEET 7 OF 8 THIS SET WILL BE RECORDED, A COMPLETE PLAN SET WILL BE FILED AT THE CITY OF PORTSMOUTH.
  14. THE FEMA MAP NUMBER FOR THIS SITE IS 33015C0270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS LOCATED WITHIN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
  15. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CITY OF PORTSMOUTH SUBDIVISION PLAN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  16. IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE CITY.
  17. IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE CITY.
  18. ELEVATIONS AND COORDINATES ARE BASED ON STATE PLANE COORDINATES FROM A SOLUTION GENERATED BY NGS OPUS ON JUNE 18, 2020 FROM DATA COLLECTED BY THIS OFFICE ON JUNE 18, 2020. THE OPUS SOLUTION IS BASED ON THE NAD 83 (2011) REF. FRAME AND THE NAVD 88.

- PLAN REFERENCES:**
1. R.C.R.D. PLAN #195, RECORDED APRIL 10, 1964, TITLED: "PARCIAL PLAN OF OCEAN MANOR, PORTSMOUTH, NH", PREPARED FOR: HILTON HOMES, INC., GREENLAND NH, DATED, JANUARY, 1964, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=40', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD ON MARCH 20, 1964.
  2. R.C.R.D. PLAN #05967, RECORDED MAY 21, 1976, TITLED: "RESUBDIVISION OF OCEAN MANNER", PREPARED FOR: ANDREWS PROPERTIES, INC., PORTSMOUTH NH, DATED: MARCH 1976, REVISED MAY 1976, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=50', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD DURING 1976.
  3. R.C.R.D. PLAN #08102, RECORDED SEPTEMBER 18, 1978, TITLED: "LOT LINE REVISION, LAND OF LEVESQUE AND GERACI, PORTSMOUTH NH", PREPARED BY: JOHN W. DURGIN ASSOCIATES INC., ENGINEERS, SURVEYORS & DESIGNERS OF PORTSMOUTH AND ROCHESTER, DATED SEPTEMBER 1978, SCALE: 1"=50', APPROVED BY PORTSMOUTH PLANNING BOARD ON SEPTEMBER 18, 1978.
  4. R.C.R.D. PLAN #033328, RECORDED DECEMBER 6, 2005, TITLED: "SUBDIVISION AND LOT LINE RELOCATION PLAN, MAP 283 - LOTS 7 & 11", PREPARED FOR: ADAM H. & FRANCES PRICE AND ADAM H. PRICE & FRITZ FAMILY REV. LIVING TRUST, 127 MARTHA TERRACE & PATRICIA DRIVE, PORTSMOUTH NH, PREPARED BY: AMBIT ENGINEERING, INC., CIVIL ENGINEERS & LAND SURVEYORS, PORTSMOUTH NH., SCALE: 1"=50', DATED MARCH 2005, APPROVED BY PORTSMOUTH PLANNING BOARD ON OCTOBER 24, 2005.

SURVEYOR: NEW HAMPSHIRE LAND CONSULTANTS, PLLC.  
683C FIRST NH TURNPIKE (RT.4)  
NORTHWOOD, NH 03261 PH: (603) 942-9220

WETLAND/SOIL SCIENTIST: COVE ENVIRONMENTAL SERVICES, INC.  
8 CONTINENTAL DR., BLDG. 2, UNIT H,  
EXETER, NH 03833 PH: (603) 778-0644

WETLANDS WERE DELINEATED ON JUNE 4, 2020 AND LOCATED DURING JUNE 2020

**ZONE:** SRA  
**LOT SIZE:** 1 ACRES  
**FRONTAGE:** 150'  
**LOT DEPTH:** 200'  
**FRONT SETBACK:** 30'  
**SIDE SETBACK:** 20'  
**REAR SETBACK:** 40'

**SOILS:** 140B/C CHATFIELD-HOLLIS-CANTON COMPLEX  
CHATFIELD - NHDES GROUP 4  
HOLLIS - NHDES GROUP 4  
CANTON - NHDES GROUP 2

**LOT SIZE USING GROUP 4 SLOPE C = 48,000 SQ FT**  
**WITH PUBLIC WATER = 24,000 SQ FT.**

**LEGEND**

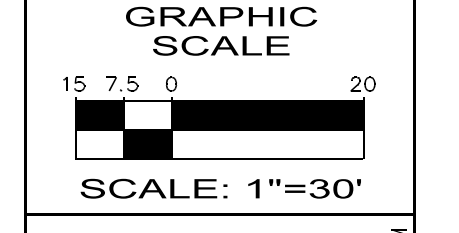
EXISTING RETAINING WALL	=====	WETLANDS	[Symbol]
ABUTTERS PROPERTY LINES	-----	DRILL HOLE FOUND	⊙
SUBJECT PROPERTY LINES	-----	REBAR W/ CAP FOUND	⊙
PROPOSED PROPERTY LINES	-----	STONE BOUND FOUND	□
EXISTING TIE LINE	-----		
EDGE OF PAVEMENT	-----		
PROPOSED BLDG SETBACK	-----		
EXISTING CONTOUR (MNR)	-572-		
EXISTING CONTOUR (MJR)	-570-		

TAX MAP 283 LOT 13  
N/F  
CITY OF PORTSMOUTH DPW  
P.O. BOX 628  
PORTSMOUTH, NH 03802  
BOOK 2249 PAGE 432

TAX MAP 283 LOT 12  
N/F  
ELIZABETH J. ROLSTON  
185 POST ROAD  
GREENLAND, NH 03840  
BOOK 2679 PAGE 2523

**REVISIONS**

NO.	DATE	DESCRIPTION	BY



**N.H. LAND Consultants**  
SURVEYING • LAND PLANNING • REAL ESTATE  
A Veteran Owned Company

**PROPOSED GRADING PLAN**  
TAX MAP 283 LOT 11  
**DUBE PLUS CONSTRUCTION**  
PATRICIA DRIVE, PORTSMOUTH, NH 03801

OWNED BY  
**FRITZ FAMILY REVOC LIV TRUST,**  
**EDGAR H FRITZ, TRUSTEE**  
P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261  
BOOK 3358 PAGE 0173

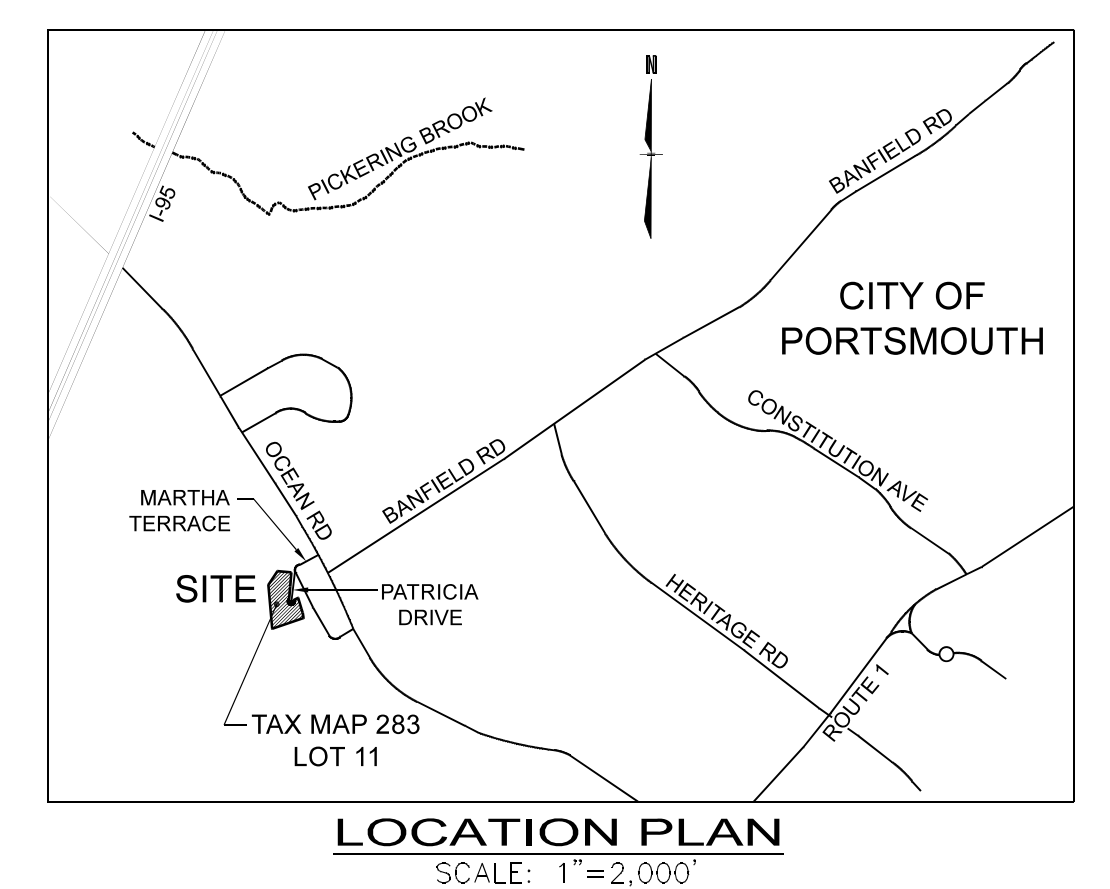
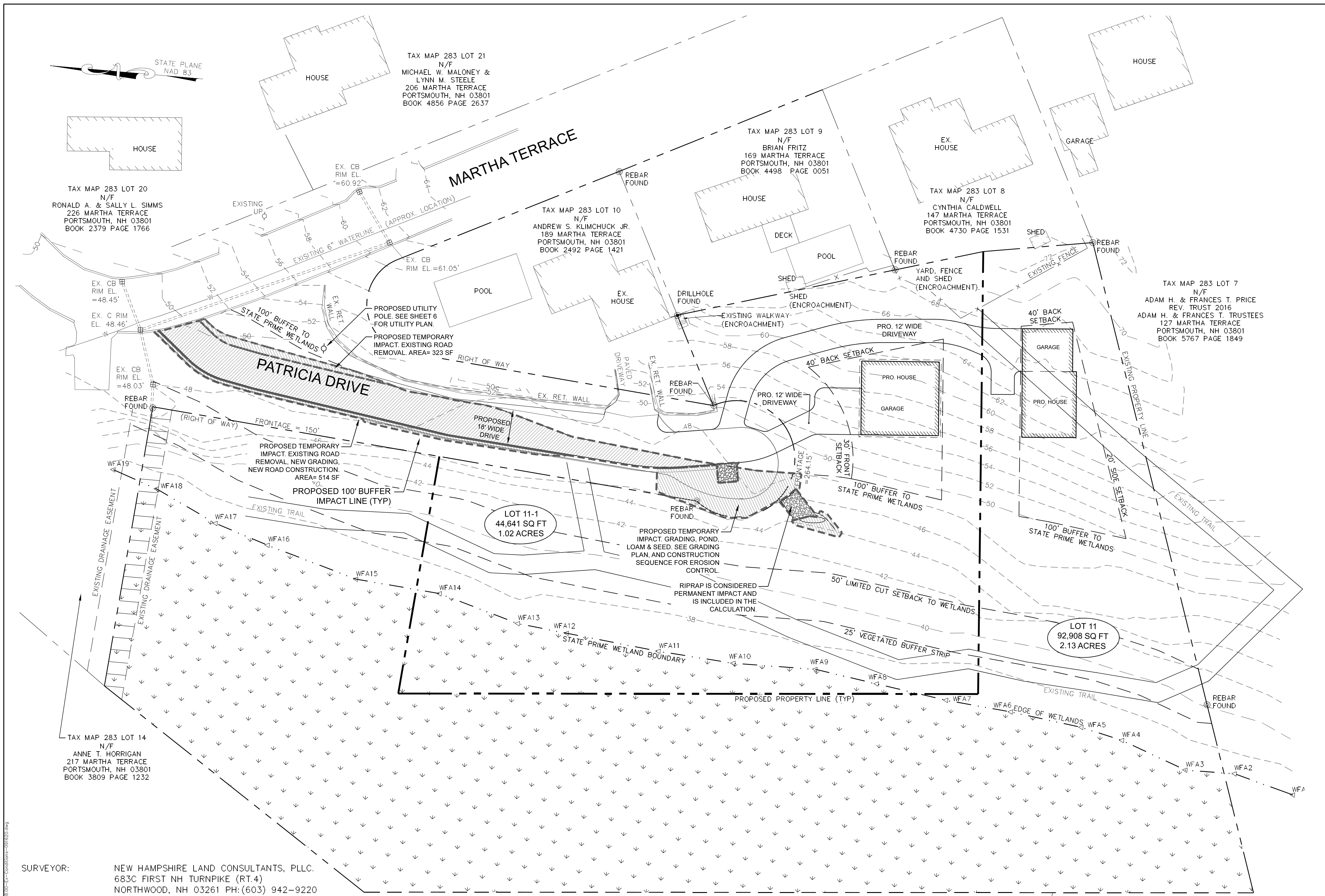
ROCKINGHAM CO.  
**JOB NO: 258.00**  
DATE: SEPTEMBER 21, 2020

**PGP**  
SHT. 4 of 9

683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261 PH: 603-942-9220 WEBSITE: NH.LANDCONSULTANTS.COM



## WETLAND IMPACT PLAN



- NOTES:**
- THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
  - THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
  - THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQFT.)
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  - THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
  - DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:
 

MIN. ROAD FRONTAGE	=150'
MIN. LOT DEPTH	=200'
MIN. LOT SIZE	=43,560 SF (1 ACRE)
MIN. ROAD SETBACK	=30'
MIN. REAR SETBACK	=40'
MIN. SIDE SETBACK	=20'
WETLAND/WATERBODY SETBACK	=100'
WETLAND/LIMITED CUT	=50'
WETLAND/VEGETATED BUFFER STRIP	=25'
MAXIMUM STRUCTURE HEIGHT	=35'
SEPTIC SETBACK	=75' HYDRIC SOILS
  - THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
  - THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
  - SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
  - WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
  - RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
  - ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY grantview.unh.edu.
  - SHEET 7 OF 8 THIS SET WILL BE RECORDED, A COMPLETE PLAN SET WILL BE FILED AT THE CITY OF PORTSMOUTH.
  - THE FEMA MAP NUMBER FOR THIS SITE IS 33015C0270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS LOCATED WITHIN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
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  - R.C.R.D. PLAN #03102, RECORDED SEPTEMBER 18, 1978, TITLED: "LOT LINE REVISION, LAND OF LEVESQUE AND GERALD, PORTSMOUTH NH", PREPARED BY: JOHN W. DURGIN ASSOCIATES INC., ENGINEERS, SURVEYORS & DESIGNERS OF PORTSMOUTH AND ROCHESTER, DATED SEPTEMBER 1978, SCALE: 1"=50', APPROVED BY PORTSMOUTH PLANNING BOARD ON SEPTEMBER 18, 1978.
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**SURVEYOR:** NEW HAMPSHIRE LAND CONSULTANTS, PLLC.  
683C FIRST NH TURNPIKE (RT.4)  
NORTHWOOD, NH 03261 PH: (603) 942-9220

**WETLAND/SOIL SCIENTIST:** COVE ENVIRONMENTAL SERVICES, INC.  
8 CONTINENTAL DR., BLDG. 2, UNIT H,  
EXETER, NH 03833 PH: (603) 778-0644

WETLANDS WERE DELINEATED ON JUNE 4, 2020 AND LOCATED DURING JUNE 2020

**ZONE:** SRA  
**LOT SIZE:** 1 ACRES  
**FRONTAGE:** 150'  
**LOT DEPTH:** 200'  
**FRONT SETBACK:** 30'  
**SIDE SETBACK:** 20'  
**REAR SETBACK:** 40'

**SOILS:** 140B/C CHATFIELD-HOLLIS-CANTON COMPLEX  
CHATFIELD - NHDES GROUP 4  
HOLLIS - NHDES GROUP 4  
CANTON - NHDES GROUP 2

**LOT SIZE USING GROUP 4 SLOPE C = 48,000 SQ FT**  
WITH PUBLIC WATER = 24,000 SQ FT.

**LEGEND**

EXISTING RETAINING WALL	=====
ABUTTERS PROPERTY LINES	-----
SUBJECT PROPERTY LINES	- - - - -
PROPOSED PROPERTY LINES	=====
EXISTING TIE LINE	-----
EDGE OF PAVEMENT	-----
PROPOSED BLDG SETBACK	-----
EXISTING CONTOUR (MNR)	-572- - - - -
EXISTING CONTOUR (MJP)	-570- - - - -

WETLANDS	~~~~~
DRILL HOLE FOUND	⊙
REBAR W/ CAP FOUND	⊙
STONE BOUND FOUND	□

**100' WETLAND BUFFER IMPACT AREAS**

PROPOSED TEMPORARY IMPACT (GRASS AREAS) = 2,344 SF

PROPOSED PERMANENT IMPACT (IMPERVIOUS AREAS) = 4,539 SF

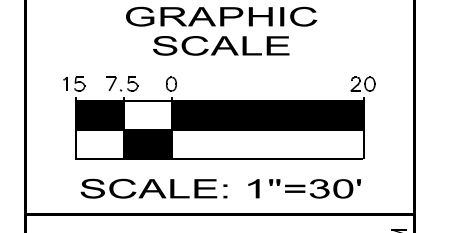
PROPOSED OVERALL IMPACT = 6,883 SF

[Hatched Box]	PROPOSED TEMPORARY IMPACT (GRASS AREAS)
[Solid Box]	PROPOSED PERMANENT IMPACT (IMPERVIOUS AREAS)

DESIGNER OF  
Subsurface Disposal  
Systems  
\*\*\*  
Scott R. Frankiewicz  
No. 1348  
Department of Environmental Services  
NEW HAMPSHIRE

**REVISIONS**

NO.	DATE	DESCRIPTION



**N.H. LAND CONSULTANTS**  
SURVEYING • LAND PLANNING • REAL ESTATE  
A Veteran Owned Company

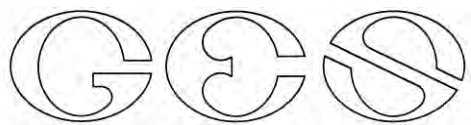
PROPOSED BUFFER IMPACT PLAN  
TAX MAP 283 LOT 11  
**DUBE PLUS CONSTRUCTION**  
PATRICIA DRIVE, PORTSMOUTH, NH 03801  
OWNED BY  
**FRITZ FAMILY REVOC LIV TRUST,**  
**EDGAR H FRITZ, TRUSTEE**  
P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261  
BOOK 3338 PAGE 0173

ROCKINGHAM CO.  
**JOB NO: 258.00**  
DATE: SEPTEMBER 21, 2020

**PBIP**  
SHT. 5 of 9

683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261 PH: 603-942-9220 WEBSITE: NH.LANDCONSULTANTS.COM

## PHOTOLOG OF IMPACT AREAS



GOVE ENVIRONMENTAL SERVICES, INC.

**Photo Log**



Photo #1: Looking to the South East along Martha Terrace with the existing driveway on site on the right of the photo. Taken 8/26/2020.



Photo #2: Looking to the North East along Martha Terrace. Taken 8/26/2020.

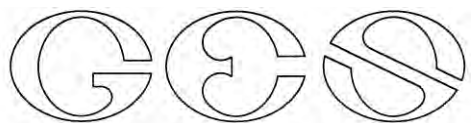


Photo #3: Looking at the existing driveway on site within the previously disturbed 100-foot state prime wetland buffer. Taken 8/26/2020.



Photo #4: Looking up the existing driveway within the 100-foot state prime wetland buffer, towards Martha Terrace. Taken 8/26/2020

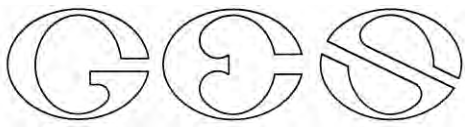


Photo #5: Looking to the north along within the 100-foot state prime wetland buffer that will not be impacted from the proposed project. Taken 8/26/2020.



Photo #6 Looking to the south east at the 100-foot state prime wetland buffer that will not be impacted from the proposed project. Taken 8/26/2020.

**COORDINATION WITH  
NATURAL HERITAGE BUREAU**

**From:** [Lamb, Amy](#)  
**To:** [Brenden Walden](#)  
**Subject:** RE: NHB20-2539  
**Date:** Thursday, September 24, 2020 9:44:40 AM

---

Hi Brendan,

I forwarded your information to our state botanist to confirm the ID, and I will let you know what he says. Looking at key characteristics, I'd tend to agree with your assessment but wanted definitive confirmation.

Thanks very much,  
Amy

Amy Lamb  
Ecological Information Specialist  
**(603) 892-5162 – work cell**  
[amy.lamb@dncr.nh.gov](mailto:amy.lamb@dncr.nh.gov)

NH Natural Heritage Bureau  
**DNCR** - Forests & Lands  
172 Pembroke Rd  
Concord, NH 03301

[NHB DataCheck Tool](#)

---

**From:** Brenden Walden <[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)>  
**Sent:** Thursday, September 24, 2020 9:09 AM  
**To:** Lamb, Amy <[Amy.E.Lamb@dncr.nh.gov](mailto:Amy.E.Lamb@dncr.nh.gov)>  
**Subject:** RE: NHB20-2539

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

---

Amy,  
Just following up on this to see if you have any concerns with the project?  
Thanks!

Brenden Walden  
Business Manager & Wetland Scientist

**GOVE ENVIRONMENTAL SERVICES, INC.**  
8 Continental Dr, Bldg 2, Unit H,  
Exeter, NH 03833-7507  
*Ph* (603) 418-7260 / *Cell* (207) 710-7863 / *Fax* (603) 778-0654  
[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)



---

**From:** Brenden Walden  
**Sent:** Monday, September 21, 2020 11:12 AM  
**To:** Lamb, Amy <[Amy.E.Lamb@dncr.nh.gov](mailto:Amy.E.Lamb@dncr.nh.gov)>  
**Subject:** RE: NHB20-2539

Amy, hope you had a great weekend. I was primarily focused on the lobing of the leaves and the additional characteristic of the petioles being pubescent present on black maples. The tree is still pretty young so it still reflects that sapling style bark. I have attached pictures of the leaves as well as the bark, this was the only sugar maple that I observed on site. I attached a plan outlining the approximate area that I reviewed, I focused on the 100ft prime wetland buffer on the site as outside of that to the south east was primarily oak and hemlock.

If you need anything else or have any additional questions please let me know!  
Thanks!

Brenden Walden  
Business Manager & Wetland Scientist

**GOVE ENVIRONMENTAL SERVICES, INC.**  
8 Continental Dr, Bldg 2, Unit H,  
Exeter, NH 03833-7507  
*Ph* (603) 418-7260 / *Cell* (207) 710-7863 / *Fax* (603) 778-0654  
[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)

---

**From:** Lamb, Amy <[Amy.E.Lamb@dncr.nh.gov](mailto:Amy.E.Lamb@dncr.nh.gov)>  
**Sent:** Thursday, September 17, 2020 12:48 PM  
**To:** Brenden Walden <[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)>  
**Subject:** RE: NHB20-2539

Hi Brenden,

Thank you for sending the plans showing existing and proposed treelines at this site. It is good to see that there is very little clearing near Packer Bog (really, it is just around the existing cul de sac).

I do have a question though about your maple IDs at this site. The black maple was first documented at this site by Bill Nichols, our state botanist. He developed a comprehensive species list and specifically noted that red maple was also in the area, but did not mention sugar maple. Since black maple and sugar maple can be very similar, I was hoping you could provide more detail about the characteristics you used to rule out black maple.

I recognize that this area won't be disturbed, but it would be good to update our information about the record here, if you are 100% sure that there was no black maple in the vicinity. Can you also

please mark up on the attached where you surveyed?

Thanks so much,  
Amy

Amy Lamb  
Ecological Information Specialist  
**(603) 892-5162 – work cell**  
[amy.lamb@dn-cr.nh.gov](mailto:amy.lamb@dn-cr.nh.gov)

NH Natural Heritage Bureau  
**DNCR** - Forests & Lands  
172 Pembroke Rd  
Concord, NH 03301

[NHB DataCheck Tool](#)

---

**From:** Brenden Walden <[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)>  
**Sent:** Thursday, September 17, 2020 11:50 AM  
**To:** Lamb, Amy <[Amy.E.Lamb@dn-cr.nh.gov](mailto:Amy.E.Lamb@dn-cr.nh.gov)>  
**Subject:** RE: NHB20-2539

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

---

Amy,  
Sorry this took so long but please see existing vs proposed tree line on the attached plans, if you have any questions or need anything else please let me know.  
Thanks!

Brenden Walden  
Business Manager & Wetland Scientist

**GOVE ENVIRONMENTAL SERVICES, INC.**  
8 Continental Dr, Bldg 2, Unit H,  
Exeter, NH 03833-7507  
*Ph* (603) 418-7260 / *Cell* (207) 710-7863 / *Fax* (603) 778-0654  
[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)

---

**From:** Brenden Walden  
**Sent:** Wednesday, September 2, 2020 5:05 PM  
**To:** 'Lamb, Amy' <[Amy.Lamb@dn-cr.nh.gov](mailto:Amy.Lamb@dn-cr.nh.gov)>

**Subject:** RE: NHB20-2539

Amy,

I was on site yesterday for a few hours doing a survey for black maple and I was unable to identify any, I did identify Norway maple, sugar maple and lots of red maple. I know that the NHB report said they were between one and ten sapling stems with uncertain future success back in 1996 but I wanted to try and locate them. There will not be any cutting or disturbance in the area for the filter strip. I just realized that they have not added the post construction tree line. I will have the engineer add that and get that over to you hopefully tomorrow!

If you have any questions or need anything else please let me know.

Thanks.

Brenden Walden  
Business Manager & Wetland Scientist

**GOVE ENVIRONMENTAL SERVICES, INC.**

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Exeter, NH 03833-7507  
*Ph* (603) 418-7260 / *Cell* (207) 710-7863 / *Fax* (603) 778-0654  
[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)

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**From:** Lamb, Amy <[Amy.Lamb@dncr.nh.gov](mailto:Amy.Lamb@dncr.nh.gov)>

**Sent:** Monday, August 24, 2020 12:16 PM

**To:** Brenden Walden <[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)>

**Subject:** RE: NHB20-2539

Hi Brendan,

Thank you for the additional information and plans. I know that we have records in the area, so I am sure we will be following up after I issue the NHB report.

Please note that NHB20-2539 was just submitted on Friday; please plan on the standard 5-10 business day turn-around time for NHB submissions. Due to the pandemic and USPS slowdowns, there is a lag between when review fees are placed in the mail and when we receive them. Right now we are working on requests that were submitted early last week. I'll do my best to return this report to you before Wednesday, but I would appreciate it if you could please leave a little more lead time in the future. It would be especially helpful if the NHB review could be completed prior to the pre-application meeting.

Thank you,  
Amy

Amy Lamb  
Ecological Information Specialist

**(603) 892-5162 – work cell**

[amy.lamb@dncr.nh.gov](mailto:amy.lamb@dncr.nh.gov)

NH Natural Heritage Bureau

**DNCR** - Forests & Lands

172 Pembroke Rd

Concord, NH 03301

[NHB DataCheck Tool](#)

---

**From:** Brenden Walden <[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)>

**Sent:** Monday, August 24, 2020 11:48 AM

**To:** Lamb, Amy <[Amy.Lamb@dncr.nh.gov](mailto:Amy.Lamb@dncr.nh.gov)>

**Subject:** NHB20-2539

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

Good morning Amy,

We have submitted an NHB however we have not gotten it back yet and our client is pushing us to get the application submitted on Wednesday the 26<sup>th</sup> this week. The NHB data check said there was potential impacts and I'm sure the report is being generated but I just wanted to give a little more info on the project!

There are no direct wetland impacts involved with the project however the project will impact the a portion of the previously disturbed 100 foot upland buffer of a state prime wetland in Portsmouth NH. All impacts within the 100 foot buffer are associated with the redevelopment of an existing roadway that currently exists within the 100 foot buffer. I have attached the plan set that we will be using with the application as well as an aerial of the existing roadway. The applicant is proposing a 2 lot subdivision where both single family dwellings will be outside of the 100 foot buffer. The redevelopment of the roadway will also remove about 10% of the existing impervious surface within the 100 ft buffer.

Please let me know if you have any questions or need anything else.

Thank you for your help.

Brenden Walden

Business Manager & Wetland Scientist

**GOVE ENVIRONMENTAL SERVICES, INC.**

8 Continental Dr, Bldg 2, Unit H,

Exeter, NH 03833-7507

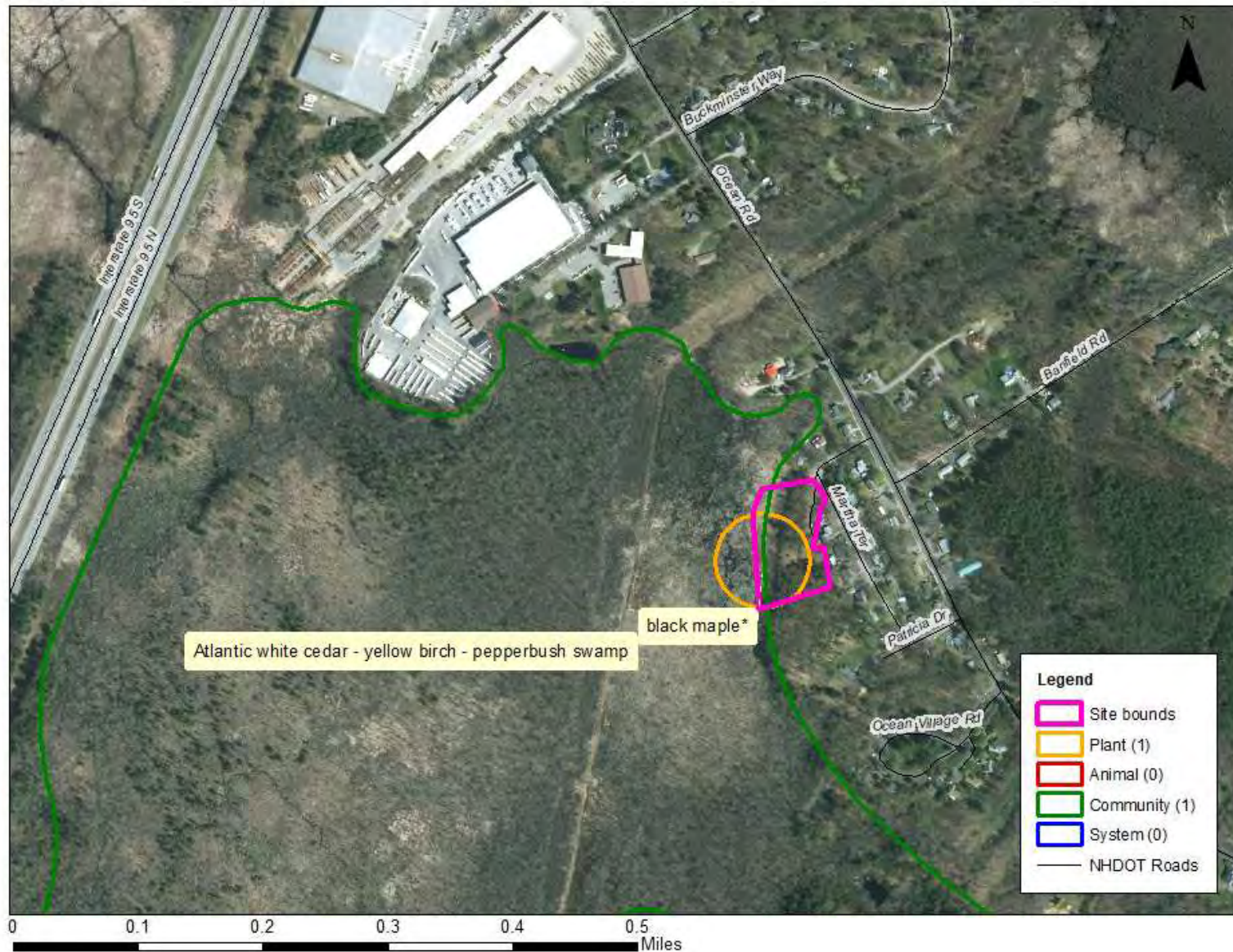
Ph (603) 418-7260 / Cell (207) 710-7863 / Fax (603) 778-0654

[bwalden@gesinc.biz](mailto:bwalden@gesinc.biz)

Appendix I  
New Hampshire Natural Heritage Bureau Inquiry

CONFIDENTIAL – NH Dept. of Environmental Services review

NHB20-2539



New Hampshire Natural Heritage Bureau - Community Record

**Atlantic white cedar - yellow birch - pepperbush swamp**

**Legal Status**

Federal: Not listed  
 State: Not listed

**Conservation Status**

Global: Not ranked (need more information)  
 State: Imperiled due to rarity or vulnerability

**Description at this Location**

Conservation Rank: Good quality, condition and landscape context ('B' on a scale of A-D).  
 Comments on Rank: --

Detailed Description: 1996: No details. 1989: Has a healthy population of *Chamaecyparis thyoides* (Atlantic white cedar) plus *Picea mariana* (black spruce), *Tsuga canadensis* (hemlock), and *Larix* (larch). Excellent variety of bog plants.

General Area: 1972: Bordered by two roads, forest land, and a railroad bed.

General Comments: Swamp logged in the past, but has since regained a natural quality. NH Natural Area #3. 335 acres total wetlands at Packer Bog.

Management: --  
 Comments:

**Location**

Survey Site Name: Packer Bog  
 Managed By: Packer Bog

County: Rockingham  
 Town(s): Greenland  
 Size: 359.6 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: Greenland at Packer Bog.

**Dates documented**

First reported: 1972  
 Last reported: 1996-07-16

## New Hampshire Natural Heritage Bureau - Plant Record

### black maple (*Acer nigrum*)

#### Legal Status

Federal: Not listed  
State: Listed Threatened

#### Conservation Status

Global: Demonstrably widespread, abundant, and secure  
State: Imperiled due to rarity or vulnerability

#### Description at this Location

Conservation Rank: Fair quality, condition and/or landscape context ('C' on a scale of A-D).  
Comments on Rank: The quality, condition, viability and defensibility are marginal.

Detailed Description: 1996: Between one and ten sapling stems. Uncertain future success without knowledge of reproductive viability.

General Area: 1996: Sits along the upland edge adjacent to Packer Bog's southern New England acidic seepage swamp. Associated plant species include *Acer rubrum* (red maple), *Ulmus americana* (American elm), *Viburnum dentatum* var. *lucidum* (northern arrowwood), *Betula lenta*, *Parthenocissus quinquefolia* (Virginia creeper), and *Toxicodendron radicans* (climbing poison ivy).

General Comments: --

Management Comments: 1996: Eliminate residential dumping.

#### Location

Survey Site Name: Packer Bog  
Managed By: Widen

County: Rockingham

Town(s): Portsmouth

Size: 2.8 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: From Rte. 33 (Greenland), head east on Ocean Road. Access behind factory buildings and at end of public roads south and west off of Ocean Road.

#### Dates documented

First reported: 1996-07-16

Last reported: 1996-07-16



Appendix II  
New Hampshire Department of Historic Resources Inquiry

Please mail the completed form and required material to:

New Hampshire Division of Historical Resources  
State Historic Preservation Office  
Attention: Review & Compliance  
19 Pillsbury Street, Concord, NH 03301-3570

DHR Use Only	
R&C #	_____
Log In Date	___ / ___ / ___
Response Date	___ / ___ / ___
Sent Date	___ / ___ / ___

## Request for Project Review by the New Hampshire Division of Historical Resources

- This is a new submittal  
 This is additional information relating to DHR Review & Compliance (R&C) #:

### GENERAL PROJECT INFORMATION

Project Title Patricia Drive Subdivision

Project Location Patricia Drive

City/Town Portsmouth Tax Map 283 Lot # 11

NH State Plane - Feet Geographic Coordinates: Easting 43.033074 Northing -70.809985  
(See RPR Instructions and R&C FAQs for guidance.)

Lead Federal Agency and Contact (if applicable)  
(Agency providing funds, licenses, or permits)

Permit Type and Permit or Job Reference #

State Agency and Contact (if applicable) NH DES

Permit Type and Permit or Job Reference # Dredge and Fill

### APPLICANT INFORMATION

Applicant Name Thomas Dube

Mailing Address 10 Bricketts Mill Road Phone Number

City Hampstead State NH Zip 03841 Email tom@dubepius.com

### CONTACT PERSON TO RECEIVE RESPONSE

Name/Company Fritz Family Revocable Living Trust, Edgar H Fritz, Trustee

Mailing Address P.O. Boz 524, 50 Shore Drive Phone Number

City Northwood State NH Zip 03261 Email

*This form is updated periodically. Please download the current form at [www.nh.gov/nhdhr/review](http://www.nh.gov/nhdhr/review). Please refer to the Request for Project Review Instructions for direction on completing this form.* Submit one copy of this project review form for each project for which review is requested. Include a self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, additional information will be needed to complete the Section 106 review. All items and supporting documentation submitted with a review request, including photographs and publications, will be retained by the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process and the DHR's role in it, please visit our website at: [www.nh.gov/nhdhr/review](http://www.nh.gov/nhdhr/review) or contact the R&C Specialist at [marika.labash@dncr.nh.gov](mailto:marika.labash@dncr.nh.gov) or 603.271.3558.

**PROJECTS CANNOT BE PROCESSED WITHOUT THIS INFORMATION**

Project Boundaries and Description

- Attach the Project Mapping **using EMMIT or relevant portion of a 7.5' USGS Map.** (See RPR Instructions and R&C FAQs for guidance.)
- Attach a detailed narrative description of the proposed project.
- Attach a site plan. The site plan should include the project boundaries and areas of proposed excavation.
- Attach photos of the project area (overview of project location and area adjacent to project location, and specific areas of proposed impacts and disturbances.) (Informative photo captions are requested.)
- A DHR records search must be conducted to identify properties within or adjacent to the project area. Provide records search results via EMMIT or in **Table 1.** (Blank table forms are available on the DHR website.)  
EMMIT or in-house records search conducted on 8/21/2020.

Architecture

Are there any buildings, structures (bridges, walls, culverts, etc.) objects, districts or landscapes within the project area?  Yes  No

If no, skip to Archaeology section. If yes, submit all of the following information:

Approximate age(s):

- Photographs of **each** resource or streetscape located within the project area, with captions, along with a mapped photo key. (Digital photographs are accepted. All photographs must be clear, crisp and focused.)
- If the project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures, provide additional photographs showing detailed project work locations. (i.e. Detail photo of windows if window replacement is proposed.)

Archaeology

Does the proposed undertaking involve ground-disturbing activity?  Yes  No

If yes, submit all of the following information:

- Description of current and previous land use and disturbances.
- Available information concerning known or suspected archaeological resources within the project area (such as cellar holes, wells, foundations, dams, etc.)

**Please note that for many projects an architectural and/or archaeological survey or other additional information may be needed to complete the Section 106 process.**

**DHR Comment/Finding Recommendation** *This Space for Division of Historical Resources Use Only*

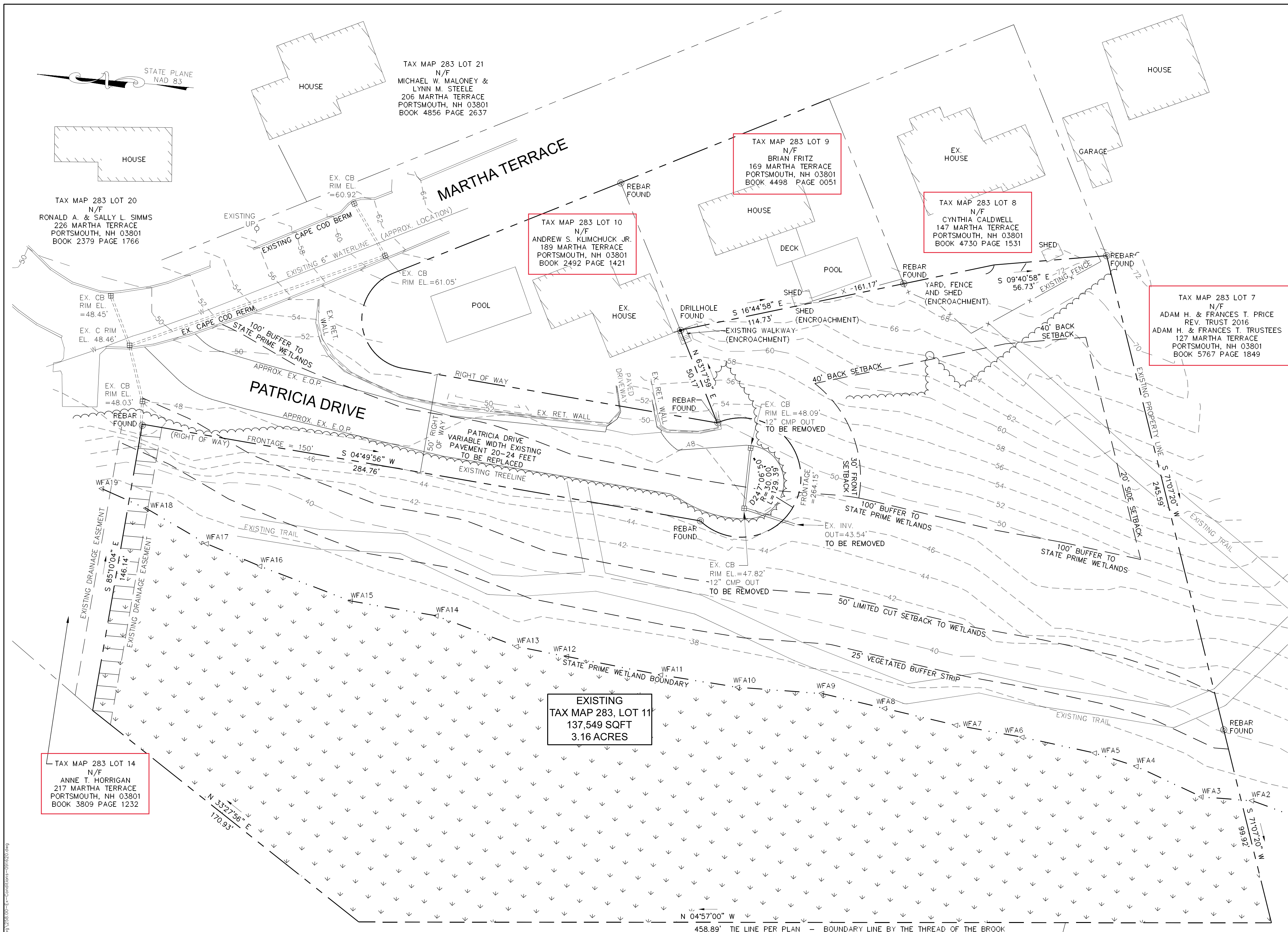
- Insufficient information to initiate review.**  Additional information is needed in order to complete review.
- No Potential to cause Effects  No Historic Properties Affected  No Adverse Effect  Adverse Effect

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

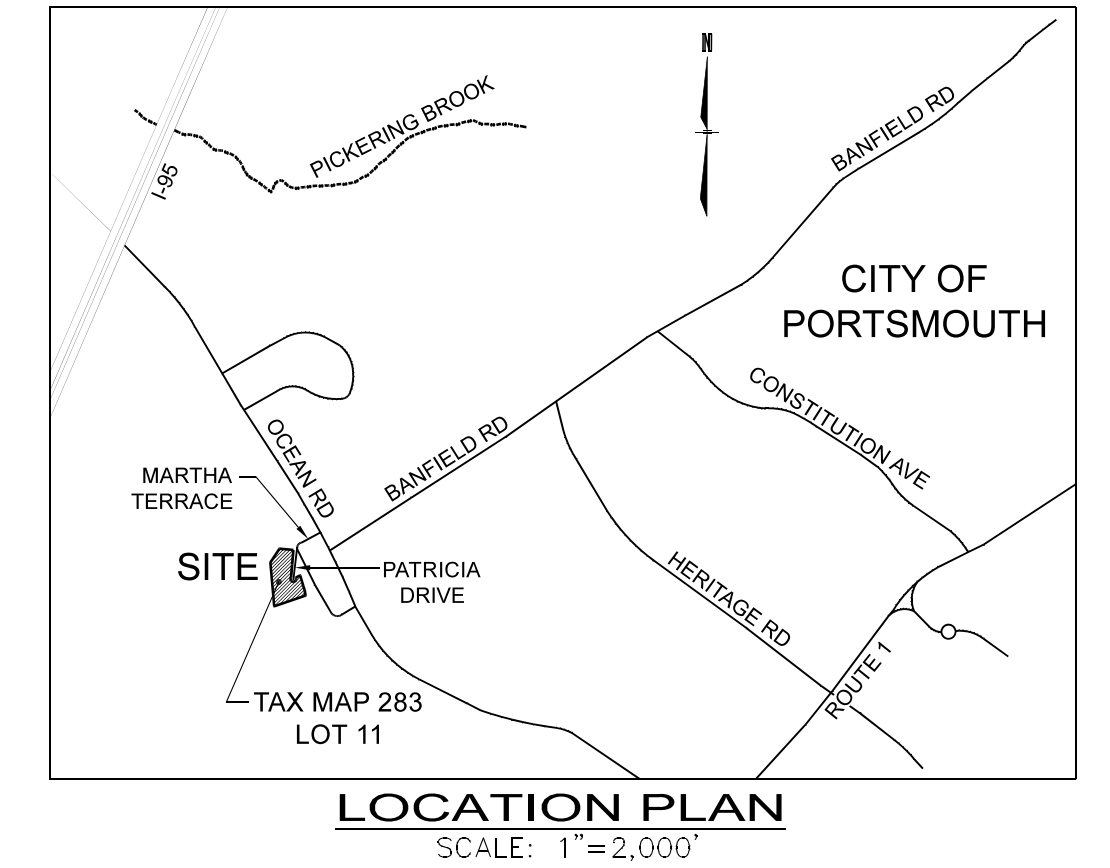
*If plans change or resources are discovered in the course of this project, you must contact the Division of Historical Resources as required by federal law and regulation.*

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Appendix III**  
**Tax Map, List of Abutters, Abutter Notification Letter, and Certified Mail Receipts**



- ABUTTERS LIST:**
- N/F  
MAP 283 LOT 7  
ADAM H. & FRANCES T. PRICE, TRUSTEES  
127 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 5767 PAGE 1849
  - N/F  
MAP 283 LOT 8  
CYNTHIA CALDWELL  
147 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 4730 PAGE 1531
  - N/F  
MAP 283 LOT 9  
BRIAN A FRITZ  
169 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 4491 PAGE 0051
  - N/F  
MAP 283 LOT 10  
ANDREW S KLIMCHUCK JR  
189 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 2492 PAGE 1421
  - N/F  
MAP 283 LOT 11  
MICHAEL W MALONEY & LYNN M STEELE  
206 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 4859 PAGE 2637
  - N/F  
MAP 283 LOT 12  
RONALD A & SALLY L SIMMS  
226 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 2379 PAGE 1768
  - N/F  
MAP 283 LOT 13  
ANNE T HERRIGAN  
217 MARTHA TERRACE  
PORTSMOUTH, NH 03801  
BOOK 3809 PAGE 1232
  - N/F  
MAP 283 LOT 14  
ELIZABETH J ROLSTON  
185 POST ROAD  
GREENLAND, NH 03840  
BOOK 2679 PAGE 2523



- NOTES:**
- THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
  - THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
  - THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQFT.)
  - THE CURRENT OWNER FOR TAX MAP 283, LOT 11: FRITZ FAMILY REVOC LIV TRUST, P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261, BK 3338 PG 173.
  - THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
  - DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:  
 MIN. ROAD FRONTAGE = 150'  
 MIN. LOT DEPTH = 200'  
 MIN. LOT SIZE = 43,560 SF (1 ACRE)  
 MIN. FRONT SETBACK = 30'  
 MIN. REAR SETBACK = 40'  
 MIN. SIDE SETBACK = 20'  
 WETLAND/WATERBODY SETBACK = 100'  
 WETLAND/LIMITED CUT = 50'  
 WETLAND/VEGETATED BUFFER STRIP = 25'  
 MAXIMUM STRUCTURE HEIGHT = 35'  
 SEPTIC SETBACK = 75' HYDRIC SOILS  
 OVERLAY DISTRICTS: (STEEP SLOPES, SOILS, WETLANDS, CONSERVATION)
  - THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
  - THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
  - SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
  - WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
  - RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
  - ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY GRANVIEW.UH.EDU.
  - SHEET 7 OF 8 THIS SET WILL BE RECORDED. A COMPLETE PLAN SET WILL BE FILED AT THE CITY OF PORTSMOUTH.
  - THE FEMA MAP NUMBER FOR THIS SITE IS 33015C0270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS ASSOCIATED WITH X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
  - ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CITY OF PORTSMOUTH SUBDIVISION PLAN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE CITY.
  - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE CITY.
  - ELEVATIONS AND COORDINATES ARE BASED ON STATE PLANE COORDINATES FROM A SOLUTION GENERATED BY NGS OPUS ON JUNE 18, 2020 FROM DATA COLLECTED BY THIS OFFICE ON JUNE 18, 2020. THE OPUS SOLUTION IS BASED ON THE NAD 83 (2011) REF. FRAME AND THE NAVD 88.

- PLAN REFERENCES:**
- R.C.R.D. PLAN #195, RECORDED APRIL 10, 1964, TITLED: "PARCIAL PLAN OF OCEAN MANOR, PORTSMOUTH, NH", PREPARED FOR: HILTON HOMES, INC., GREENLAND NH, DATED, JANUARY, 1964, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=40', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD ON MARCH 20, 1964.
  - R.C.R.D. PLAN #05967, RECORDED MAY 21, 1976, TITLED: "RESUBDIVISION OF OCEAN MANNER", PREPARED FOR: ANDREWS PROPERTIES, INC., PORTSMOUTH NH, DATED: MARCH 1976, REVISED MAY 1976, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=50', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD DURING 1976.
  - R.C.R.D. PLAN #C8102, RECORDED SEPTEMBER 18, 1978, TITLED: "LOT LINE REVISION, LAND OF LEVESQUE AND GERAFI, PORTSMOUTH NH", PREPARED BY: JOHN W. DURGIN ASSOCIATES INC., ENGINEERS, SURVEYORS & DESIGNERS OF PORTSMOUTH AND ROCHESTER, DATED SEPTEMBER 1978, SCALE: 1"=50', APPROVED BY PORTSMOUTH PLANNING BOARD ON SEPTEMBER 18, 1978.
  - R.C.R.D. PLAN #033328, RECORDED DECEMBER 6, 2005, TITLED: "SUBDIVISION AND LOT LINE RELOCATION PLAN, MAP 283 - LOTS 7 & 11", PREPARED FOR: ADAM H. & FRANCES PRICE AND ADAM H. PRICE & FRITZ FAMILY REV. LIVING TRUST, 127 MARTHA TERRACE & PATRICIA DRIVE, PORTSMOUTH NH, PREPARED BY: AMBIT ENGINEERING, INC., CIVIL ENGINEERS & LAND SURVEYORS, PORTSMOUTH NH, SCALE: 1"=50', DATED MARCH 2005, APPROVED BY PORTSMOUTH PLANNING BOARD ON OCTOBER 24, 2005.

**LEGEND**

EXISTING RETAINING WALL	=====	WETLANDS	~~~~~
ABUTTERS PROPERTY LINES	-----	DRILL HOLE FOUND	⊙
SUBJECT PROPERTY LINES	-----	REBAR W/ CAP FOUND	⊙
PROPOSED PROPERTY LINES	-----	STONE BOUND FOUND	⊠
EXISTING TIE LINE	-----		
EDGE OF PAVEMENT	-----		
PROPOSED BLDG SETBACK	-----		
EXISTING CONTOUR (MNR)	-572- - - - -		
EXISTING CONTOUR (MJR)	-570- - - - -		

- Standards Utilized:
- US Army Corps of Engineers Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Technical Report ERDC/EL TR-12-1 (January 2012).
  - Field Indicators for Identifying Hydric Soils in New England—Version 4, April 2019. New England Hydric Soils Technical Committee
  - US Army Corps of Engineers National Wetland Plant List, 2018
  - Classification of Wetlands and Deepwater Habitats of the United States. USFWS Manual FWS/OBS-79/31 (1979)

NEW STATE OF NH REGISTERED PROFESSIONAL LAND SURVEYOR  
 No. 945  
 SCOTT R. FRANKIEWICZ  
 SIGNATURE

I CERTIFY THAT THIS PLAN IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN SPRING OF 2020, MEETING THE MINIMUM REQUIREMENTS FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE CITY OF PORTSMOUTH, NH.

SCOTT R. FRANKIEWICZ, LLS DATE: \_\_\_\_\_

ENGINEER

NO.	DATE	DESCRIPTION

EXISTING CONDITIONS PLAN TAX MAP 283 LOT 11

**DUBE PLUS CONSTRUCTION**

PATRICIA DRIVE, PORTSMOUTH, NH 03801

OWNED BY  
**FRITZ FAMILY REVOC LIV TRUST,**  
**EDGAR H FRITZ, TRUSTEE**

P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261  
BOOK 3338 PAGE 0173

ROCKINGHAM CO.  
JOB NO: 258.00  
DATE: SEPTEMBER 21, 2020

**ECP**  
SHT. 2 of 9

**N.H. LAND Consultants**  
SURVEYING • LAND PLANNING • REAL ESTATE  
A Veteran Owned Company

WEBSITE: NHLANDCONSULTANTS.COM  
PH: 603-942-9220  
PH: 603-942-9220

September 21, 2020

«Name»

«Street»

«TownStateZip»

Re: Proposed Residential Development  
Subject: NH Department of Environmental Services Wetlands Bureau  
Major Impact Dredge & Fill Application

Dear Abutter:

The purpose of this letter is to inform you that Dube Plus Construction, of Hampstead, NH is applying to the NH Department of Environmental Services Wetlands Bureau, which requires this notice for a dredge and fill permit to impact areas under its jurisdiction. The project is for the impact to the 100 foot previously disturbed state prime wetland buffer. The applicant is proposing to redevelop the existing access to the buildable area within the previously disturbed prime wetland buffer. The proposed construction will remove a portion of the existing impervious surface as well as improve stormwater management onsite. There will be 2,344 SF of temporary impact to the prime wetland buffer and 4,539 SF of permanent impact to the prime wetland buffer, a reduction of 1,179 SF of impervious surface. The project is proposed on Tax map 283 Lot 11 on Patricia Drive, Portsmouth, NH.,

A copy of the application, including plans, will be made available for your review at the town offices and at the NH Department of Environmental Services Wetlands Bureau, 29 Hazen Drive in Concord.

If you have any questions that we might be able to answer, please do not hesitate to contact our office.

Sincerely,

Brenden Walden  
GES, Inc.

7019 1640 0001 0759 9397

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City

Andrew S. Klimchuck, Jr.  
189 Martha Terrace  
Portsmouth, NH 03801

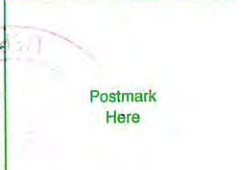
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City of Portsmouth, DPW  
PO Box 628  
Portsmouth, NH 03802

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Elizabeth Rolston  
185 Post Road  
Greenland, NH 03840

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$



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City

Anne T. Horrigan  
217 Martha Terrace  
Portsmouth, NH 03801

7019 1640 0001 0759 9380

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage

\$ Total

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Street

City

Brian A. Fritz  
169 Martha terrace  
Portsmouth, NH 03801

7019 1640 0001 0759 9373

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Street

City

Cynthia Caldwell  
147 Martha Terrace  
Portsmouth, NH 03801

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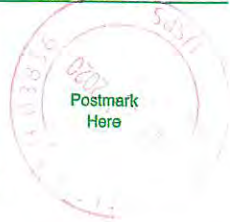
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