



The State of New Hampshire  
**Department of Environmental Services**

**Robert R. Scott, Commissioner**



mac

121

April 26, 2024

His Excellency, Governor Christopher T. Sununu  
and The Honorable Council  
State House  
Concord, NH 03301

**REQUESTED ACTION**

Approve Virginia J Beckett Revocable Trust's request to perform the following work on Oyster River in Durham pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2023-03121, and in accordance with RSA 482-A:3. Comments submitted by the Durham Conservation Commission, stating they have no objections to the project as proposed, are included in the enclosed documents.

Impact 306 square feet (SF) of tidal wetlands to modify an existing tidal docking structure by removing two existing float piles, installing four float stops and four helical mooring anchors that secure the float, and shifting the location of the float resulting in a structure consisting of a 5 foot x 24 foot access ramp leading to a 5 foot by 100 foot fixed pier connected to a 3 foot by 20 foot ramp to a 12.2 foot by 24.6 foot float. The overall length of this docking structure, seaward of the highest observable tide line, is 150 feet, on 660 feet of frontage along the Oyster River in Durham.

NHDES imposed the following conditions as part of this approval:

1. All work shall be done in accordance with the approved plans dated October 26, 2023, by Ambit Engineering, Inc., and received by the NH Department of Environmental Services (NHDES) on November 28, 2023, in accordance with Env-Wt 307.16.
2. This permit shall not be effective until the permittee records this permit at the Strafford County Registry of Deeds as required by RSA 482-A:3, VI. Any limitations or conditions in the permit so recorded shall run with the land beyond the expiration of the permit. The permittee shall provide the NHDES with a copy of the permit stamped by the registry with the book and page and date of receipt, in accordance with New Hampshire Administrative Rule Env-Wt 314.02(b) and (c).
3. All work shall occur between November 15 and March 15 during low tide in dry conditions, to protect anadromous fish as required by Env-Wt 307.06.
4. The ramp and float portions of residential tidal docks shall be seasonal and removed from the water during the non-boating season, in accordance with Env-Wt 606.06(b).
5. Tidal docking installation shall be done by barge or upland to prevent the driving of construction equipment in or through tidal waters/wetlands or on the bottom of the inter-tidal zone, in accordance with Env-Wt 606.05(b).
6. Tidal docking construction shall be done in accordance with the standard conditions in Env-Wt 307.
7. Heavy equipment shall not be operated in any jurisdictional area unless specifically authorized by this permit, in accordance with Env-Wt 307.15(a).

[www.des.nh.gov](http://www.des.nh.gov)

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095  
NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588  
TDD Access: Relay NH 1 (800) 735-2964

8. In accordance with Env-Wt 307.03(h), equipment shall be staged and refueled outside of jurisdictional areas and in accordance with Env-Wt 307.15.
9. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
10. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
11. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.

#### EXPLANATION

NHDES approved this project on March 27, 2024. NHDES supported its decision with the following findings:

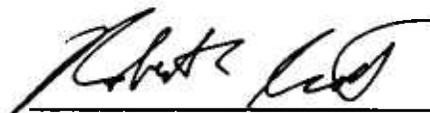
1. This project is classified as a major project per Rule Env-Wt 606.17(a)(1), for all new overwater structure construction in tidal waters/wetlands.
2. On February 6, 2024, the department received correspondence from the Natural Heritage Bureau (NHB) dated January 25, 2024, stating that "Based on the plan notes, drawings, and description in your email, actions to minimize impacts to the [exemplary natural community] will be implemented. No impacts to the [other exemplary natural community] will occur, and no work will occur within the salt marsh itself. NHB had no further comment or concern regarding the project."
3. On February 6, 2024, the Department received correspondence from the NH Fish and Game Department (NHF&G) dated January 22, 2024, stating that "Since the proposed project will occur during the normal dredge window of Nov 15-March 15 and work will occur in the dry during low tide the [NHF&G] has determined there will be no impact to [the protected anadromous fish species]."
4. NHDES finds that the project as approved and conditioned will not have an unreasonable adverse impact on the value of such areas as sources of nutrients for finfish, crustacea, shellfish and wildlife of significant value, nor will it damage or destroy habitats and reproduction areas for plants, fish and wildlife of importance.
5. On February 6, 2024, the Department received correspondence from the Durham Conservation Commission dated January 23, 2024, stating that "[t]he commission discussed the proposal carefully and had no concerns about the proposal."
6. On December 6, 2023, the applicant obtained a statement from the Pease Development Authority, Division of Ports and Harbors regarding the projects impact on navigation and passage stating, "[w]e examined the proposed site and found that the structure will have no negative effect on navigation in the channel," per Rule Env-Wt 603.09.
7. Per Rule Env-Wt 313.01(a)(5), and as required by RSA 482-A:11, II, this permit for work to dredge or fill will not 'infringe on the property rights or unreasonably affect the value or enjoyment of property of abutting owners'.
8. NHDES finds that the requirements for a public hearing, as established in RSA 482-A, do not apply as the project will not have a significant environmental impact, as defined in New Hampshire Administrative Rule Env-Wt 104.19, on the resources protected by RSA 482-A, and, is not of substantial public interest, as defined in New Hampshire Administrative Rule Env-Wt 104.32.

His Excellency, Governor Christopher T. Sununu  
and The Honorable Council  
Page 3 of 3

9. The Department finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100-1000. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100-1000 were requested or approved under this permit action.

NHDES Wetlands Bureau permit #2023-03121 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.



---

Robert R. Scott  
Commissioner



**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: Virginia J. Beckett Revocable Trust

TOWN NAME: Durham

	<b>COMPLETE</b>		File No. <u>2023-0312</u>
	Administrative Use Only	Administrative Use Only	Check No. <u>10191</u>
			Amount: <u>6127</u>
			Initials:

A person may request a waiver of 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 but is still in compliance with RSA 482-A. 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 Waiver Request Form.

**SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))**  
Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, 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.</li> </ul>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>Protected species or habitat?                             <ul style="list-style-type: none"> <li>If yes, species or habitat name(s):</li> <li>NHB Project ID #: <u>23-3087</u></li> </ul> </li> </ul>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Bog?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Floodplain wetland contiguous to a tier 3 or higher watercourse?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Designated prime wetland or duly-established 100-foot buffer?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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):</li> <li>A copy of the application was sent to the LAC on Month: Day: Year: <u>N/A</u></li> </ul>	

For dredging projects, is the subject property contaminated? • If yes, list contaminant: <u>          </u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
For stream crossing projects, provide watershed size (see <u>WPPT</u> or Stream Stats): <u>N/A</u>	
<b>SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))</b> 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.	
<p>The existing tidal docking structure provides recreational boating access to the Oyster River, however the float piles have been damaged by ice floe multiple times, so the proposed project will provide a method of securing the float which is less likely to be damaged. Alternatives are very limited and the proposed proeject represents the least impacting practicable sollution.</p> <p>The project proposes the modification to the docking structure including removal of two (2) existing float piles and the installation of four helical moorings and chains to secure the existing float. The float will also shift to the northeast. The proposal totals 306 sq. ft. of permanent impact to tidal wetlands.</p>	
<b>SECTION 3 - PROJECT LOCATION</b> Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.	
ADDRESS: <u>18 Deer Meadow Road</u>	
TOWN/CITY: <u>Durham</u>	
TAX MAP/BLOCK/LOT/UNIT: <u>Map 215, Lot 49</u>	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: <u>Oyster River</u>	
<input checked="" type="checkbox"/> N/A	
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):	<u>X: 1,193,529.5796° North</u> <u>Y: 229,580.3369° West</u>

<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: <u>Virginia J. Beckett Revocable Trust</u>		
MAILING ADDRESS: [REDACTED]		
TOWN/CITY: [REDACTED]	STATE: [REDACTED]	ZIP CODE: [REDACTED]
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.		
<b>SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))</b>		
<input checked="" type="checkbox"/> N/A		
LAST NAME, FIRST NAME, M.I.: <u>Hayden, Samuel N.</u>		
COMPANY NAME: <u>Ambit Engineering, Inc. / Haley Ward</u>		
MAILING ADDRESS: <u>200 Griffin Road, Unit 3</u>		
TOWN/CITY: <u>Portsmouth</u>	STATE: <u>NH</u>	ZIP CODE: <u>03801</u>
EMAIL ADDRESS: <u>shayden@haleyward.com</u>		
FAX: [REDACTED]	PHONE: <u>443 474 1880</u>	
ELECTRONIC COMMUNICATION: By initialing here <u>SH</u> , 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 checked="" type="checkbox"/> Same as applicant		
NAME: [REDACTED]		
MAILING ADDRESS: [REDACTED]		
TOWN/CITY: [REDACTED]	STATE: [REDACTED]	ZIP CODE: [REDACTED]
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):

Please see attached narrative.

**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 you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). 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:  Day:  Year:

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/rivers, 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			<input type="checkbox"/>			<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	306		<input type="checkbox"/>			<input type="checkbox"/>
<b>TOTAL</b>		<b>306</b>					

**SECTION 12 - APPLICATION FEE (RSA 482-A:3, 1)**

<input type="checkbox"/> MINIMUM IMPACT FEE: Flat fee of \$400.
<input type="checkbox"/> 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).
<input checked="" type="checkbox"/> MINOR OR MAJOR IMPACT FEE: Calculate using the table below:
Permanent and temporary (non-docking): <input type="checkbox"/> SF × \$0.40 = \$ <input type="checkbox"/>
Seasonal docking structure: 306 SF × \$2.00 = \$ 612
Permanent docking structure: <input type="checkbox"/> SF × \$4.00 = \$ <input type="checkbox"/>
Projects proposing shoreline structures (including docks) add \$400 = \$ <input type="checkbox"/>
Total = \$ 612

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.

Minimum Impact Project

Minor Project

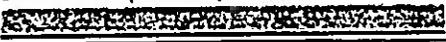
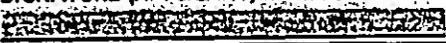
Major Project

**SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)**

Initial each box below to certify:

Initials: 	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials: 	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
Initials: 	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>
Initials: 	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.

**SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)**

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: 	DATE: 
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: 	DATE: 
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Samuel N. Hayden	DATE: 11/22/23

**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: Rachel M. Deane
---	--

TOWN/CITY: <u>Durham</u>	DATE: <u>11/20/23</u>
--------------------------	-----------------------

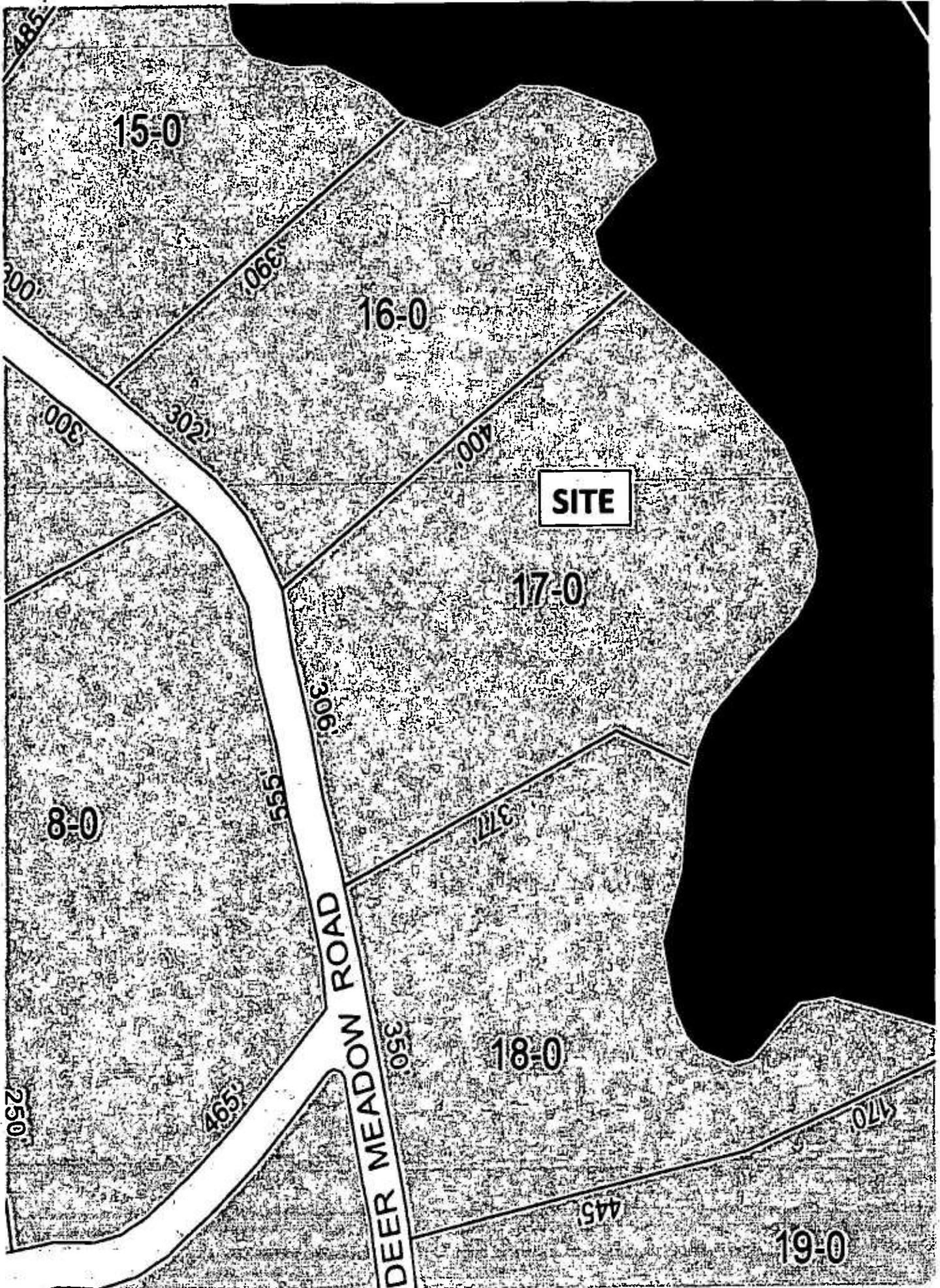
**DIRECTIONS FOR TOWN/CITY CLERK:**

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

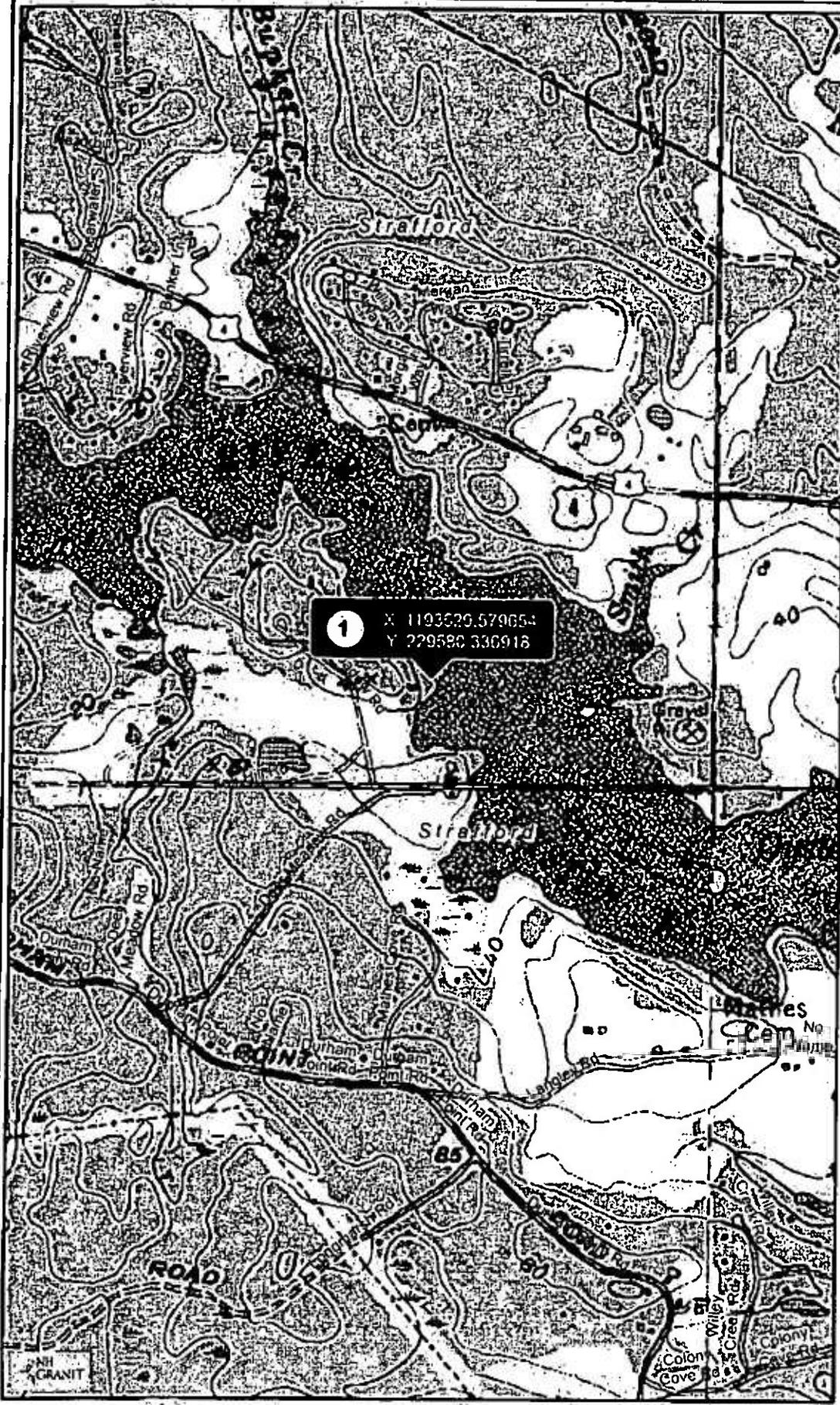
1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY 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".



# 18 Deer Meadow Road, Durham



### Legend

- State
- County
- City/Town

**RECEIVED**  
NOV 28 2023  
NHDES  
LAND RESOURCES MANAGEMENT

Map Scale

1: 12,988

© NH GRANIT, [www.granit.unh.edu](http://www.granit.unh.edu)

Map Generated: 4/26/2018

Notes





The State of New Hampshire  
**Department of Environmental  
Services**

---



**Robert R. Scott, Commissioner**

**This application contains confidential information from the NH Natural Heritage Bureau (NHB) Datacheck tool provided by the NH Department of Natural and Cultural Resources. This information is being withheld from disclosure to the public.**

**Please direct all questions regarding the confidential information to Courtney Lockwood, Land Resources Management Program Attorney, NH Department of Environmental Services, at: [courtney.l.lockwood@des.nh.gov](mailto:courtney.l.lockwood@des.nh.gov), or (603) 271-8614.**

**RECEIVED**

FEB 06 2024

**Sam Hayden**

~~ENVIRONMENTAL SERVICES~~

"BY NH DES WETLANDS BUREAU"

**From:** Michael Behrendt <mbehrendt@ci.durham.nh.us>  
**Sent:** Tuesday, January 23, 2024 11:07 AM  
**To:** Sam Hayden  
**Subject:** 18 Deer Meadow Road - dock reconfiguration - Durham Conservation Commission

You don't often get email from [mbehrendt@ci.durham.nh.us](mailto:mbehrendt@ci.durham.nh.us). [Learn why this is important](#)

Hello Sam,

Thank you for presenting this application to the Durham Conservation Commission last night.

**18 Deer Meadow Road – Tidal Dock.** Comments to New Hampshire Division of Environmental Services for application for reconfiguration of existing dock. William Beckett Trust/Virginia Beckett, Property Owner. Sam Hayden, Project Scientist, Haley Ward. Map 215, Lot 49. Residence Coastal District.

The commission discussed the proposal carefully and had no concerns about the proposal. Please let me know if you need anything else regarding this application.

Please coordinate with Audrey Cline, Code Administrator, for any necessary building permits from the Town.

My best regards.

**Michael Behrendt**  
Durham Town Planner  
8 Newmarket Road  
Durham, NH 03824  
(603) 868-8064

**From:** Sam Hayden <shayden@haleyward.com>  
**Sent:** Wednesday, November 29, 2023 2:10 PM  
**To:** Michael Behrendt <mbehrendt@ci.durham.nh.us>  
**Subject:** 18 Deer Meadow Road - Conservation Commission Agenda

You don't often get email from [shayden@haleyward.com](mailto:shayden@haleyward.com). [Learn why this is important](#)

Hello Michael,

We recently submitted a Wetland application to DES for a tidal dock at 18 Deer Meadow road. Hard copies are on their way to the town and electronic versions are attached to this email. I'd like to get on the agenda for the next conservation commission to present the project.

Let me know if there is anything else you need. Thank you,



HALEY WARD

AN EMPLOYEE-OWNED COMPANY

Sam Hayden, CWS, PWS  
Project Scientist  
t: Saco m: 443.474.1880  
a: 120 Main Street, Suite 132, Saco, ME 04072



This e-mail may be confidential and is intended solely for the use of the individual to whom it is addressed. Any views or opinions expressed are solely those of the author and do not necessarily represent those of Haley Ward, Inc. If you are not the intended recipient (or responsible for delivery of the message to such person), you may not use, copy, distribute or deliver to anyone this message (or any part of its contents) or take any action in reliance on it. In such case, you should delete this message, and notify us immediately at 207 989 4824 or by email [bonnie@haleyward.com](mailto:bonnie@haleyward.com).



**PEASE**

INTERNATIONAL

PORTS AND HARBORS

555 Market Street, Suite 1 Portsmouth, NH 03801

December 6, 2023

NH Department of Environmental Service  
Coastal Division  
Pease Field Office  
222 International Drive, Suite 175  
Portsmouth, NH 03801

Attn: Kristin Duclos

Re: 18 Deer Meadow Road, Map 215 Lot 49

Dear Kristin,

We reviewed plans for the construction of a pier and float system on the Oyster River in Durham at property located at

18 Deer Meadow Road  
Durham, NH

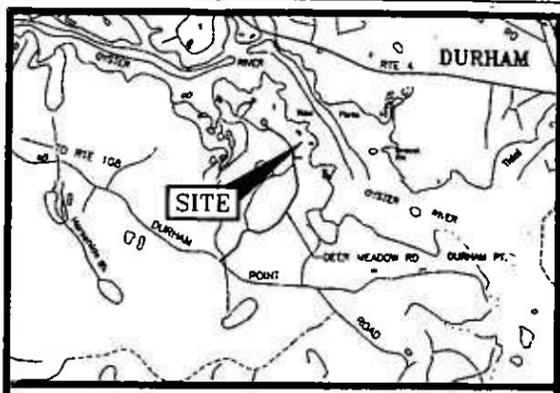
We examined the proposed site and found that the structure will have no negative effect on navigation in the channel.

Sincerely,

Tracy R. Shattuck  
Chief Harbor Master

Cc: Sam Hayden  
Hayley Ward





- LEGEND:**
- N/F NOW OR FORMERLY
  - RP RECORD OF PROBATE
  - SCRD STRAFFORD COUNTY REGISTRY OF DEEDS
  - RR SPK RAILROAD SPIKE
  - MAP 11/LOT 21
  - OR FND IRON ROD FOUND
  - OP FND IRON PIPE FOUND
  - OR SET IRON ROD SET
  - OH FND DRILL HOLE FOUND
  - OH SET DRILL HOLE SET
  - NHMB NHDOT BOUND FOUND
  - TB TOWN BOUND
  - TBND w/OH BOUND WITH DRILL HOLE
  - ST BND w/DH STONE BOUND WITH DRILL HOLE
  - HOTL - HIGHEST OBSERVABLE TIDE LINE
  - MHW - MEAN HIGH WATER LINE
  - SM - EDGE OF SALT TOLERANT VEGETATION
  - PHOTO LOCATION/DIRECTION

**LOCATION MAP** SCALE 1" = 2,000'

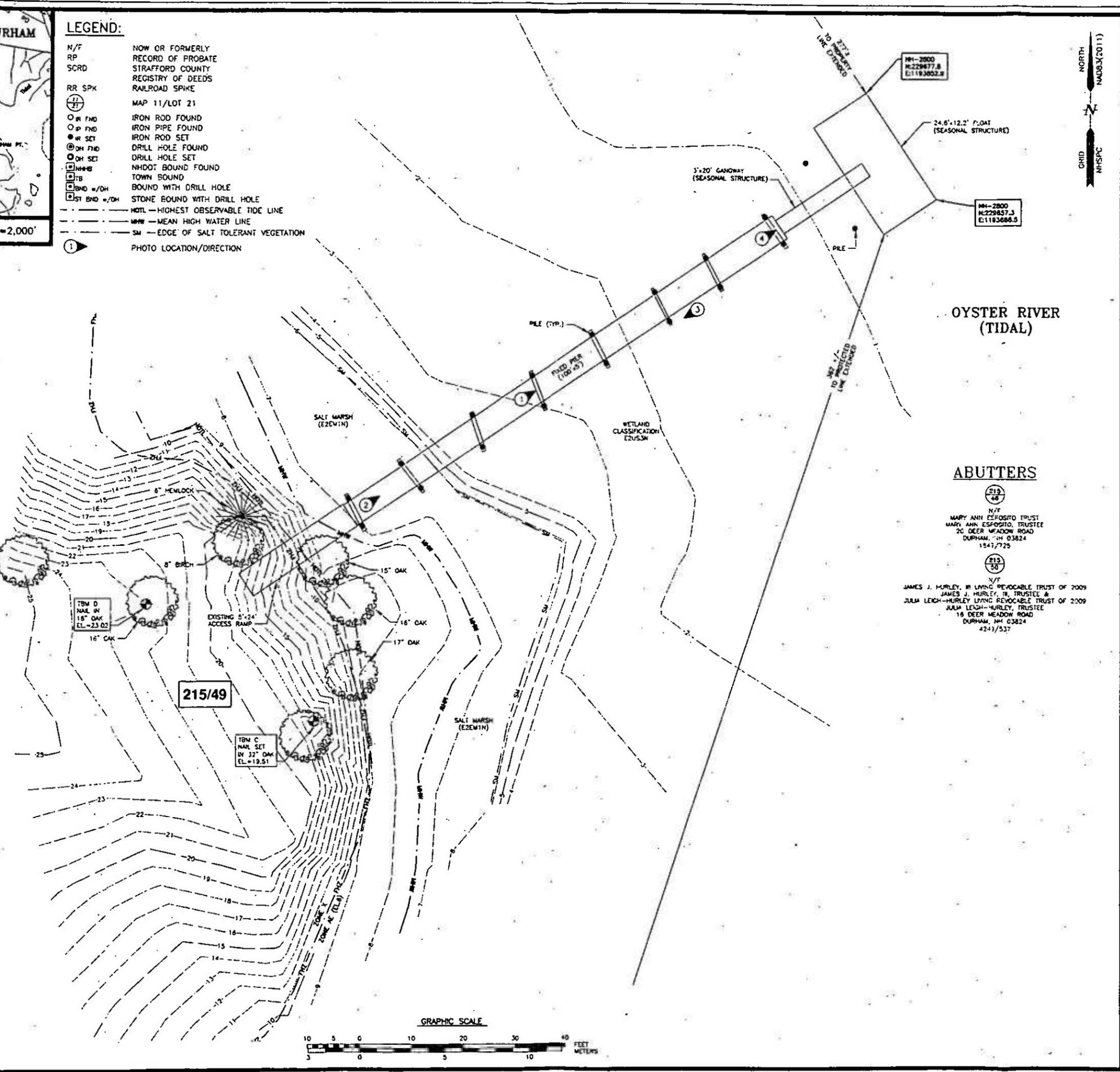
**WETLAND NOTES:**

- 1) HIGHEST OBSERVABLE TIDE LINE DELINEATED BY SAMUEL N. HAYDEM, CWS #321 ON 10/31/2023 IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
  - A) U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL TECHNICAL REPORT Y-87-1 (JAN. 1987), AND REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012.
  - B) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.1, USDA-NRCS, 2017 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, MEIWPCC WETLANDS WORK GROUP (2017).
  - C) NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1), USEFWS (MAY 1988).
  - D) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, USFW MANUAL FWS/OBS-79/31 (1997).
  - E) "IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE" (1997), NEW HAMPSHIRE FISH AND GAME DEPARTMENT.
- 2) HOTL DELINEATION WAS FIELD LOCATED AMBIT ENGINEERING, INC.



"I CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN ACCURACY OF THE CLOSED TRAVERSE THAT EXCEEDS THE PRECISION OF 1:15,000."

*John R. Chagnon* 10-26-23  
 JOHN R. CHAGNON, LLS #738 DATE



**AMBIT ENGINEERING, INC.**  
 A DIVISION OF HALEY WARD, INC.  
 200 Coffin Road, Unit 3  
 Portsmouth, NH 03801  
 603 430 7262  
 WWW.HALEYWARD.COM

**RIVERSIDE & PICKERING**  
 MARINE CONTRACTORS

- NOTES:**
- 1) PROJECT LOCATION:  
 18 DEER MEADOW ROAD  
 DURHAM, N.H. 03824  
 PARCEL I.D.:  
 TAX MAP 215 / LOT 49  
 OWNER:  
 VIRGINIA J. BECKETT REVOCABLE TRUST  
 VIRGINIA J. BECKETT, TRUSTEE  
 18 DEER MEADOW ROAD  
 DURHAM, N.H. 03824  
 2122/44  
 PLAN 30-36  
 ZONING DISTRICT:  
 RC-RESIDENTIAL C
  - 2) BOUNDARY FROM PLAN ENTITLED "FINAL PLAN DEER POINT THE DURHAM POINT COMPANY DURHAM, N.H." BY ROBERT W. MCGRONE, DATED JUNE 1986. SCRD PLAN 30-36.
  - 3) LOT AREA: 214,200± S.F. / 4.92± AC.
  - 4) A PORTION OF THE PARCEL IS IN A SPECIAL FLOOD HAZARD AREA ZONE AE (EL6) AS SHOWN ON FIRM PANEL 33017C0320E, EFFECTIVE 9/30/2015
  - 5) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
  - 6) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.
  - 7) THE LIMIT OF WORK IS TO BE CLEARLY UNDERSTOOD WITHIN THE SHORELAND ZONE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
  - 8) VERTICAL DATUM: MEAN LOWER LOW WATER, MLLW REFERENCED ON NOAA STATION 8423005 ATLANTIC TERMINALS 1144 NH, MLLW BEING 3.99 FEET LOWER THAN 0.0 NAVD83. BASIS OF VERTICAL DATUM IS REDUNDANT WITH GPS OBSERVATIONS.
  - 9) WORK TO BE PERFORMED BY RIVERSIDE & PICKERING MARINE CONTRACTORS.
  - 10) FLOAT AND GANGWAY NOT IN PLACE AT TIME OF SURVEY. LOCATIONS SHOWN PER DIMENSIONS OF COMPONENTS LOCATED ON SITE.
  - 11) THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON A PORTION OF ASSESSOR'S TAX MAP 215 LOT 49 IN THE TOWN OF DURHAM.

**BECKETT RESIDENCE**  
 18 DEER MEADOW ROAD  
 DURHAM, N.H.

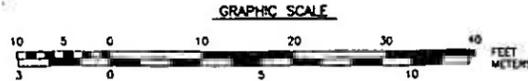
NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	10/26/23

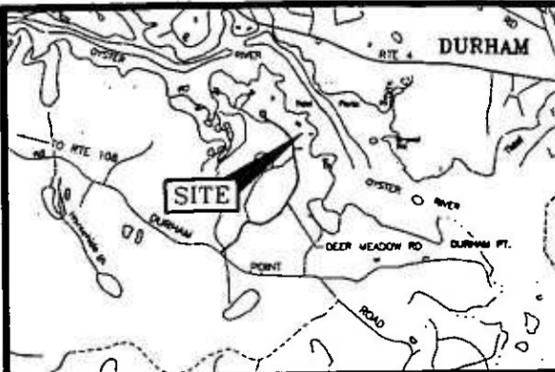


SCALE: 1" = 10' OCTOBER 2023

**EXISTING CONDITIONS PLAN**

**C1**





- LEGEND:**
- N/F NOW OR FORMERLY
  - RP RECORD OF PROBATE
  - SCRD STRAFFORD COUNTY
  - REGISTRY OF DEEDS
  - RR SPK RAILROAD SPIKE
  - MAP 11/LOT 21
  - IR FND IRON ROD FOUND
  - IP FND IRON PIPE FOUND
  - IR SET IRON ROD SET
  - DH FND DRILL HOLE FOUND
  - DH SET DRILL HOLE SET
  - NH-B FOUND NHOOT BOUND FOUND
  - NH-B TOWN BOUND
  - BND W/ DH BOUND WITH DRILL HOLE
  - ST BND W/ DH STONE BOUND WITH DRILL HOLE
  - MHL - HIGHEST OBSERVABLE TIDE LINE
  - MHW - MEAN HIGH WATER LINE
  - SM - EDGE OF SALT TOLERANT VEGETATION
  - ① PHOTO LOCATION/DIRECTION

**LOCATION MAP** SCALE 1" = 2,000'

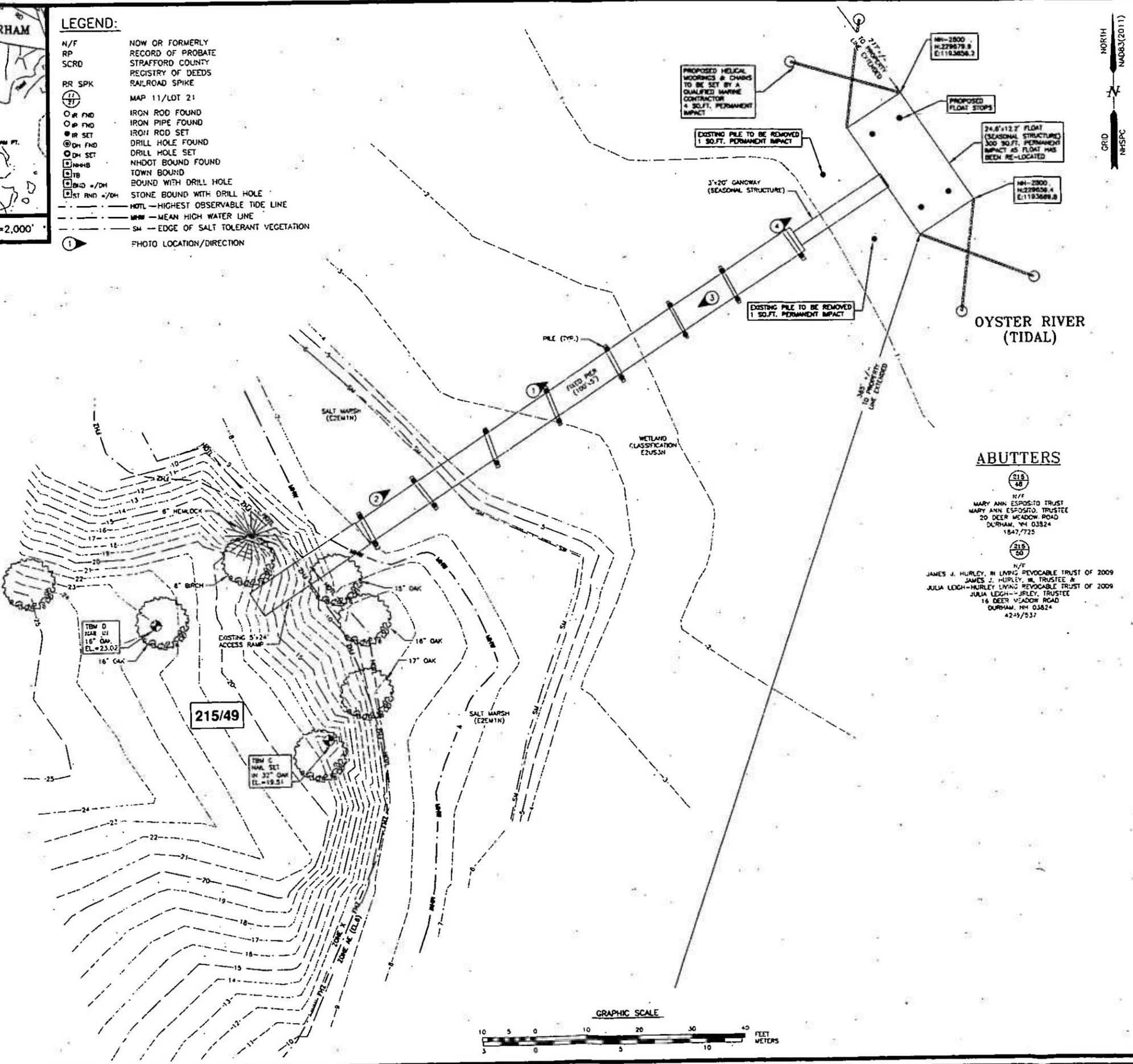
**WETLAND NOTES:**

- 1) HIGHEST OBSERVABLE TIDE LINE DELINEATED BY SAMUEL N. HAYDEN, CWS #321 ON 10/31/2023 IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
  - A) U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JAN. 1987), AND REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012.
  - B) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.1, USDA-NRCS, 2017 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, NEWPCC WETLANDS WORK GROUP (2017).
  - C) NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1), USFWS (MAY 1988).
  - D) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, USFWS MANUAL FWS/OBS-79/31 (1997).
  - E) "IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE" (1997), NEW HAMPSHIRE FISH AND GAME DEPARTMENT.
- 2) MHL DELINEATION WAS FIELD LOCATED AMBIT ENGINEERING, INC.



"I CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN ACCURACY OF THE CLOSED TRAVERSE THAT EXCEEDS THE PRECISION OF 1:15,000."

JOHN R. CHAGNON, LLS #738 DATE 10-26-23



**AMBIT ENGINEERING, INC.**  
A DIVISION OF HALEY WARD, INC.

229 Goffin Road, Unit 3  
Farmington, NH 03824  
603-430-7282

WWW.HALEYWARD.COM

**RIVERSIDE & PICKERING**  
MARINE CONTRACTORS

- NOTES:**
- 1) PROJECT LOCATION:  
18 DEER MEADOW ROAD  
DURHAM, N.H. 03824  
PARCEL I.D.:  
TAX MAP 215 / LOT 49  
OWNER:  
VIRGINIA J. BECKETT REVOCABLE TRUST  
VIRGINIA J. BECKETT, TRUSTEE  
18 DEER MEADOW ROAD  
DURHAM, N.H. 03824  
2122/44  
PLAN 30-36  
ZONING DISTRICT:  
RC-RESIDENTIAL C
  - 2) BOUNDARY FROM PLAN ENTITLED "FINAL PLAN DEER POINT THE DURHAM POINT COMPANY DURHAM, N.H." BY ROBERT W. MCCRONE, DATED JUNE 1986. SCRD PLAN 30-36.
  - 3) LOT AREA: 214,200± S.F. / 4.92± AC.
  - 4) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
  - 5) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.
  - 6) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION." (NHDES DECEMBER 2008).
  - 7) THE LIMIT OF WORK IS TO BE CLEARLY UNDERSTOOD WITHIN THE SHOPELAND ZONE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
  - 8) VERTICAL DATUM: MEAN LOWER LOW WATER, MLLW REFERENCED ON NOAA STATION 8423005 ATLANTIC TERMINALS 114A NH, MLLW BEING 3.95 FEET LOWER THAN 0.0 NAVD83. BASIS OF VERTICAL DATUM IS REDUNDANT RTN GPS OBSERVATIONS.
  - 9) WORK TO BE PERFORMED BY RIVERSIDE & PICKERING MARINE CONTRACTORS.
  - 10) FLOAT AND GANGWAY NOT IN PLACE AT TIME OF SURVEY. LOCATIONS SHOWN PER DIMENSIONS OF COMPONENTS LOCATED ON SITE.
  - 11) THE PURPOSE OF THE PLAN IS TO SHOW THE PROPOSED IMPROVEMENT OF ADDING MOORINGS TO THE EXISTING DOCKING STRUCTURE ON ASSESSOR'S TAX MAP 215 LOT 49 IN THE TOWN OF DURHAM.

**BECKETT RESIDENCE**  
18 DEER MEADOW ROAD  
DURHAM, N.H.

NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	10/26/23
REVISIONS		

**RECEIVED**  
NOV 28 2023  
ENVIRONMENTAL SERVICES  
BY NH DES WETLANDS BUREAU

SCALE: 1" = 10' OCTOBER 2023

NHDES PERMIT PLAN **C2**

**SEQUENCE OF CONSTRUCTION**

- 1) MOBILIZATION OF A CRANE BARGE, PUSH BOAT, WORK SKIFF, MATERIALS AND PREFABRICATED COMPONENTS SUCH AS THE GANGWAY AND FLOAT TO THE SITE VIA APPROVED ACCESS.
- 2) MOBILIZATION OF EQUIPMENT TRUCKS TO THE SITE.
- 3) THE BARGE WILL BE POSITIONED ALONGSIDE THE PROPOSED NEW LOCATION OF THE EXISTING FLOAT AND WATERWARD OF ANY EMERGENT VEGETATION TO MINIMIZE IMPACTS.
- 4) INSTALLATION OF THE PILES WILL BE PERFORMED FROM A CRANE BARGE OR SKIFF TO REDUCE THE AMOUNT OF FOOT TRAFFIC IN THE INTERTIDAL AREA.
- 5) ALL WORK WILL BE PERFORMED AT LOW TIDE TO MINIMIZE SEDIMENTATION.
- 6) PILING WILL BE MECHANICALLY DRIVEN BY A CRANE ELIMINATING ANY EXCAVATION FOR INSTALLATION OF THE PILING. PILING ARE DRIVEN TO REFUSAL.
- 7) PILING ARE CUT AND BEAM CAPS ARE INSTALLED AND THE SUPER STRUCTURE OF THE PIER IS BUILT. MATERIALS ARE LIFTED FROM THE BARGE AND SET INTO POSITION BY THE CRANE.
- 8) ONCE THE PILES ARE DRIVEN, THE GANGWAY AND FLOAT ARE BROUGHT INTO POSITION AND INSTALLED.

**DISCHARGES, AVOIDANCE, MINIMIZATION AND MITIGATION**

DISCHARGES OF DREDGED OR FILL MATERIAL INTO WATERS OF THE U.S. AND ANY SECONDARY IMPACTS SHALL BE AVOIDED AND MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. PERMITTEES MAY ONLY FILL THOSE JURISDICTIONAL WETLANDS AND WATERWAYS THAT THE CORP AND NHDES AUTHORIZES TO BE FILLED AND IMPACT THOSE AREAS THAT THE CORP AND NHDES AUTHORIZES AS SECONDARY IMPACTS. IF NOT SPECIFICALLY AUTHORIZED BY USACE AND NHDES, ANY UNAUTHORIZED FILL OR SECONDARY IMPACT TO WETLANDS MAY BE CONSIDERED AS A VIOLATION OF THE CWA.

UNLESS SPECIFICALLY AUTHORIZED USACE AND NHDES, NO WORK SHALL DRAIN A WATER OF THE U.S. BY PROVIDING A CONDUIT FOR WATER ON OR BELOW THE SURFACE.

**HEAVY EQUIPMENT IN FRESH WATER WETLANDS**

HEAVY EQUIPMENT OTHER THAN FIXED EQUIPMENT (DRILL RIGS, FIXED CRANES, ETC.) WORKING IN WETLANDS SHALL NOT BE STORED, MAINTAINED OR REPAIRED IN WETLANDS, UNLESS IT IS LESS ENVIRONMENTALLY DAMAGING OTHERWISE, AND AS MUCH AS POSSIBLE SHALL NOT BE OPERATED WITHIN THE INTERTIDAL ZONE. WHERE CONSTRUCTION REQUIRES HEAVY EQUIPMENT OPERATION IN WETLANDS, THE EQUIPMENT SHALL EITHER HAVE LOW GROUND PRESSURE (<3 PSI), OR SHALL NOT BE LOCATED DIRECTLY ON WETLAND SOILS AND VEGETATION; IT SHALL BE PLACED ON SWAMP MATS THAT ARE ADEQUATE TO SUPPORT THE EQUIPMENT IN SUCH A WAY AS TO MINIMIZE DISTURBANCE OF WETLAND SOIL AND VEGETATION. SWAMP MATS ARE TO BE PLACED IN THE WETLAND FROM THE UPLAND OR FROM EQUIPMENT POSITIONED ON SWAMP MATS IF WORKING WITHIN A WETLAND. DRAGGING SWAMP MATS INTO POSITION IS PROHIBITED. OTHER SUPPORT STRUCTURES THAT ARE LESS IMPACTING AND ARE CAPABLE OF SAFELY SUPPORTING EQUIPMENT MAY BE USED WITH WRITTEN CORPS AND NHDES AUTHORIZATION. SIMILARLY, NOT USING MATS DURING FROZEN, DRY OR OTHER CONDITIONS MAY BE ALLOWED WITH WRITTEN CORPS AND NHDES AUTHORIZATION. AN ADEQUATE SUPPLY OF SPILL CONTAINMENT EQUIPMENT SHALL BE MAINTAINED ON SITE. CORDOROY ROADS AND SWAMP/CONSTRUCTION MATS ARE CONSIDERED AS FILL WHETHER THEY'RE INSTALLED TEMPORARILY OR PERMANENTLY.

**TIME OF YEAR WORK WINDOW AND NOISE RESTRICTIONS**

- I. PILES INSTALLED IN-THE-DRY DURING LOW WATER OR IN-WATER BETWEEN NOV. 15TH - MARCH 15TH, OR R. MUST BE DRILLED AND PINNED TO LEDGE, OR
  - II. VIBRATORY HAMMERS USED TO INSTALL ANY SIZE AND QUANTITY OF WOOD, CONCRETE OR STEEL PILES, OR
  - III. IMPACT HAMMERS LIMITED TO ONE HAMMER AND <50 PILES INSTALLED/DAY WITH THE FOLLOWING: WOOD PILES OF ANY SIZE, CONCRETE PILES 18-INCHES DIAMETER, STEEL PILES 12-INCHES DIAMETER IF THE HAMMER IS 43000 LBS. AND A WOOD CUSHION IS USED BETWEEN THE HAMMER AND STEEL PILE.
- FOR III-IV ABOVE:
- I. IN-WATER NOISE LEVELS SHALL NOT >187dB SEL RE  $L_{p0}$  OR 206dB PEAK RE  $L_{p0}$  AT A DISTANCE >10M FROM THE PILE BEING INSTALLED, AND
  - II. IN-WATER NOISE LEVELS >155dB PEAK RE  $L_{p0}$  SHALL NOT EXCEED 12 CONSECUTIVE HOURS ON ANY GIVEN DAY AND A 12 HOUR RECOVERY PERIOD (I.E., IN-WATER NOISE BELOW 150dB PEAK RE  $L_{p0}$ ) MUST BE PROVIDED BETWEEN WORK DAYS.

**WORK SITE RESTORATION**

- I. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED WETLAND AREAS SHALL BE PROPERLY STABILIZED. ANY SEED MIX SHALL CONTAIN ONLY PLANT SPECIES NATIVE TO NEW ENGLAND.
- II. THE INTRODUCTION OR SPREAD OF INVASIVE PLANT SPECIES IN DISTURBED AREAS IS PROHIBITED.
- III. IN AREAS OF AUTHORIZED TEMPORARY DISTURBANCE, IF TREES ARE CUT THEY SHALL BE CUT AT GROUND LEVEL AND NOT UPROOTED IN ORDER TO PREVENT DISRUPTION TO THE WETLAND SOIL STRUCTURE AND TO ALLOW STUMP SPROUTS TO REVEGETATE THE WORK AREA, UNLESS OTHERWISE AUTHORIZED.
- IV. WETLAND AREAS WHERE PERMANENT DISTURBANCE IS NOT AUTHORIZED SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND ELEVATION, WHICH UNDER NO CIRCUMSTANCES SHALL BE HIGHER THAN THE PRE-CONSTRUCTION ELEVATION. ORIGINAL CONDITION MEANS CAREFUL PROTECTION AND/OR REMOVAL OF EXISTING SOIL AND VEGETATION, AND REPLACEMENT BACK TO THE ORIGINAL LOCATION SUCH THAT THE ORIGINAL SOIL LAYERING AND VEGETATION SCHEMES ARE APPROXIMATELY THE SAME, UNLESS AUTHORIZED.

**SEDIMENTATION AND EROSION CONTROL**

ADEQUATE SEDIMENTATION AND EROSION CONTROL MEASURES, PRACTICES AND DEVICES, SUCH AS PHASED CONSTRUCTION, VEGETATED FILTER STRIPS, GEOTEXTILE SALT FENCES, STORMWATER DETENTION AND INFILTRATION SYSTEMS, SEDIMENT DETENTION BASINS, OR OTHER DEVICES SHALL BE INSTALLED AND PROPERLY MAINTAINED TO REDUCE EROSION AND RETAIN SEDIMENT ON-SITE DURING AND AFTER CONSTRUCTION. THEY SHALL BE CAPABLE OF PREVENTING EROSION, OF COLLECTING SEDIMENT, SUSPENDED AND FLOATING MATERIALS, AND OF FILTERING FINE SEDIMENT. THE DISTURBED AREAS SHALL BE STABILIZED AND THESE DEVICES SHALL BE REMOVED UPON COMPLETION OF WORK. THE SEDIMENT COLLECTED BY THESE DEVICES SHALL BE REMOVED AND PLACED AT AN UPLAND LOCATION, IN A MANNER THAT WILL PREVENT ITS LATER EROSION INTO A WATERWAY OR WETLAND. ALL EXPOSED SOIL AND OTHER FILLS SHALL BE PERMANENTLY STABILIZED AT THE EARLIEST PRACTICABLE DATE.

**SPAWNING AREAS**

DISCHARGES OF DREDGED OR FILL MATERIAL, AND/OR SUSPENDED SEDIMENT PRODUCING ACTIVITIES IN FISH AND SHELLFISH SPAWNING OR NURSERY AREAS, OR AMPHIBIAN AND MIGRATORY BIRD BREEDING AREAS, DURING SPAWNING OR BREEDING SEASONS SHALL BE AVOIDED. IMPACTS TO THESE AREAS SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE DURING ALL TIMES OF THE YEAR. INFORMATION ON SPAWNING HABITAT FOR SPECIES MANAGED UNDER THE MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT (I.E., ETH FOR SPAWNING ADULTS) CAN BE OBTAINED FROM THE NMFS WEBSITE AT: WWW.NEIO.NMFS.GOV/HCD.

**STORAGE OF SEASONAL STRUCTURES**

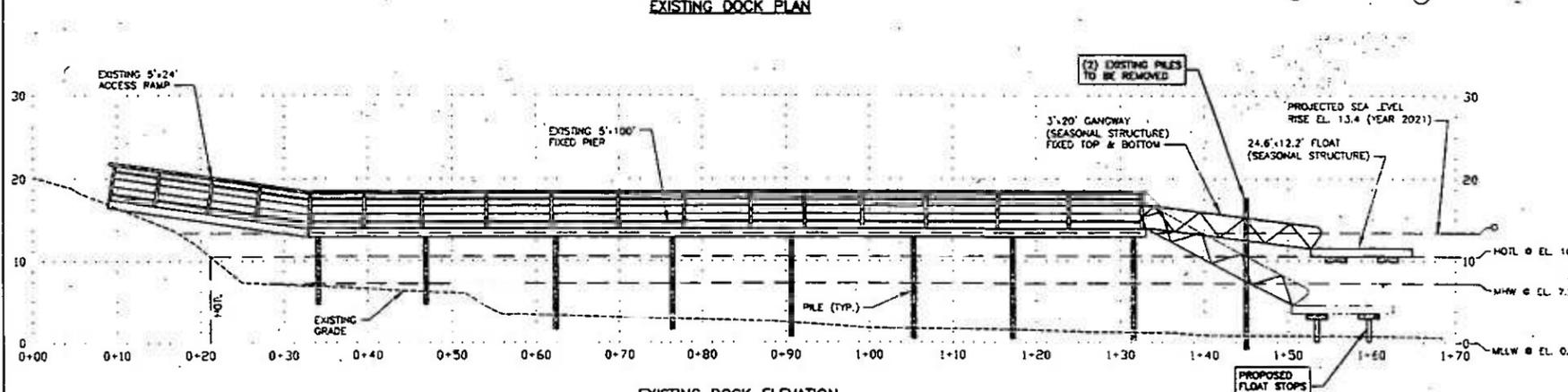
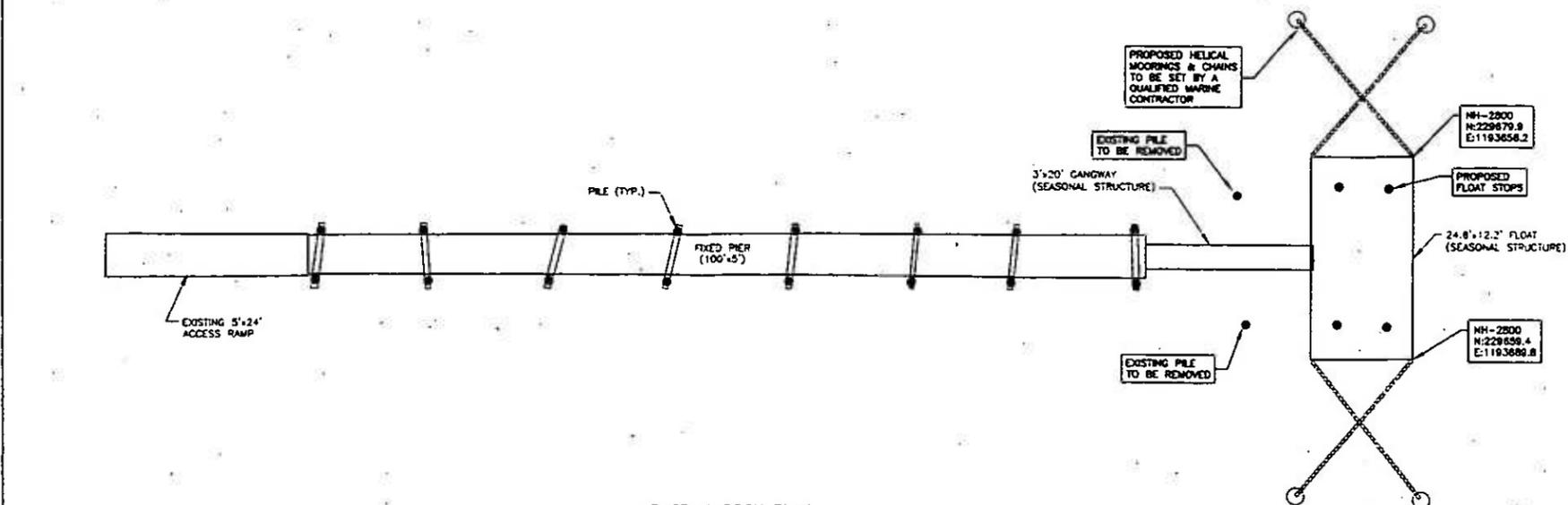
COASTAL STRUCTURES SUCH AS PIER SECTIONS, FLOATS, ETC., THAT ARE REMOVED FROM THE WATERWAY FOR A PORTION OF THE YEAR (OFTEN REFERRED TO AS SEASONAL STRUCTURES) SHALL BE STORED IN AN UPLAND LOCATION, LOCATED ABOVE HIGHEST OBSERVABLE TIDE LINE (HOTL) AND NOT IN TIDAL WETLANDS. THESE SEASONAL STRUCTURES MAY BE STORED ON THE FIXED, PILE-SUPPORTED PORTION OF THE STRUCTURE THAT IS SEAWARD OF HOTL. THIS IS INTENDED TO PREVENT STRUCTURES FROM BEING STORED ON THE MARSH SUBSTRATE AND THE SUBSTRATE SEAWARD OF MHW.

**ENVIRONMENTAL FUNCTIONS AND VALUES**

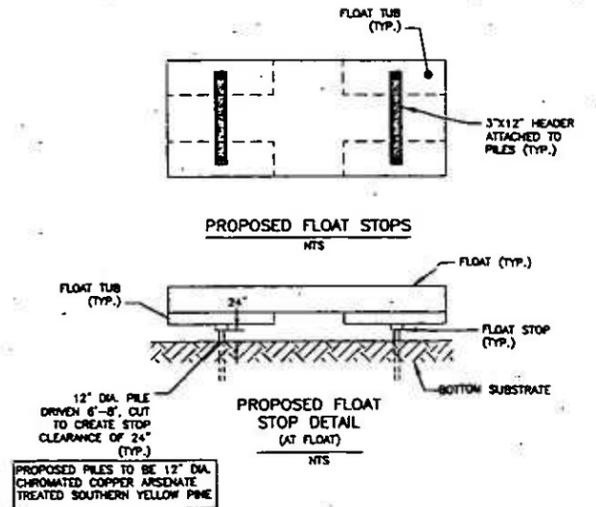
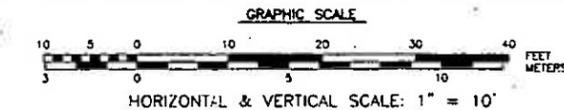
THE PERMITTEE SHALL MAKE EVERY REASONABLE EFFORT TO 1) CARRY OUT THE CONSTRUCTION OR OPERATION OF THE WORK AUTHORIZED BY USACE AND NHDES HEREIN IN A MANNER THAT MINIMIZES ADVERSE IMPACTS ON FISH, WILDLIFE AND NATURAL ENVIRONMENTAL VALUES, AND 2) PROHIBIT THE ESTABLISHMENT OR SPREAD OF PLANT SPECIES IDENTIFIED AS NON-NATIVE INVASIVE SPECIES BY ANY FEDERAL OR STATE AGENCY. SEE THE SECTION ON INVASIVE SPECIES AT HTTP://WWW.NH.USACE.ARMY.ML/REGULATORY/ FOR CONTROL METHODS.

**INSPECTIONS**

THE PERMITTEE SHALL ALLOW THE CORPS AND NHDES TO MAKE PERIODIC INSPECTIONS AT ANY TIME DEEMED NECESSARY IN ORDER TO ENSURE THAT THE WORK IS BEING OR HAS BEEN PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT. THE CORPS AND NHDES MAY ALSO REQUIRE POST-CONSTRUCTION ENGINEERING DRAWINGS FOR COMPLETED WORK, AND POST-DREDGING SURVEY DRAWINGS FOR ANY DREDGING WORK.



**PIER, GANGWAY & RE-POSITIONED FLOAT W/ ADDED MOORINGS**



**AMBIT ENGINEERING, INC.**  
A DIVISION OF HALEY WARD, INC.

200 Griffin Road, Unit 3  
Portsmouth, NH 03801  
603.430.9282

WWW.HALEYWARD.COM

**RIVERSIDE BECKETT MARINE CONTRACTORS**

- NOTES:**
- 1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
  - 2) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.
  - 3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE 'NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).
  - 4) NUMBER OF PILES TO BE DRIVEN FOR FLOAT STOPS NOT TO EXCEED 4 AS DEPICTED ON PROPOSED DOCK ELEVATION. ALSO NOTE TIME OF YEAR AND NOISE RESTRICTIONS FOR DRIVING OF PILES.

**BECKETT RESIDENCE**  
18 DEER MEADOW ROAD  
DURHAM, N.H.

NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	10/26/23
REVISIONS		

**RECEIVED**  
NOV 28 2023  
ENVIRONMENTAL SERVICES  
BY NH DES WETLANDS BUREAU

SCALE: 1" = 10'      OCTOBER 2023

**DOCK DETAILS**      **D1**