



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

April 26, 2024



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

REQUESTED ACTION

Approve Kimberly K Gerrish Revocable Living Trust's request to perform the following work on Great Bay in Greenland pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2024-00215, and in accordance with RSA 482-A:3. No comments were submitted by the Greenland Conservation Commission regarding the project as proposed.

Impact a total of 636 square feet of tidal resources to include 556 square feet of tidal waters and 80 square feet of previously developed 100 foot tidal buffer zone in order to construct a new 4 foot x 20 foot accessway, a 4 foot x 60 foot piling supported pier, a 3 foot x 38 foot gangway, and a 10 foot x 20 foot float with an overall structure length seaward of the highest observable tide line of 108 feet along 287 linear feet of frontage along Great Bay.

NHDES imposed the following conditions as part of this approval:

1. All work shall be done in accordance with the approved plans by Ambit Engineering, Inc, Inc. dated December 11, 2023, and received by the NH Department of Environmental Services (NHDES) on January 29, 2024, in accordance with Env-Wt 307.16.
2. This permit shall not be effective until the permittee records this permit at the Rockingham County Registry of Deeds. 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 RSA 482-A:3, II and Env-Wt 314.02(b) and (c).
3. Pile installation shall occur between November 15 and March 15, in order to protect anadromous fish, in accordance with Env-Wt 307.10(i) and Env-Wt 311.06(g).
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. Heavy equipment shall not be operated in any jurisdictional area unless specifically authorized by this permit, in accordance with Env-Wt 307.15(a).
7. 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.

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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(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.
9. 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.
10. 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 19, 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. The approval has been conditioned that the work be performed during the federal dredge window between November 15 - March 15 in accordance with NHF&G recommendations relayed in correspondence dated November 16, 2023 and the requirements of RSA 212-A.
3. The Department finds that 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' and would not be prohibited by RSA 482-A:11, II.
4. No comments were received from the Greenland Conservation Commission about this application.
5. The Department finds the location, design, and method of construction for this proposed residential tidal dock has been based on the results of the coastal functional assessment, is the least environmentally-impacting practicable alternative, has been certified by a professional engineer as having sufficient structural integrity based on the results of the vulnerability assessment, and will not impede the passage of non-motorized watercraft to a degree that a reasonable person would find objectionable, therefore, the requirements of Rule Env-Wt 606.06(e) have been met.
6. 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 safe navigation in the channel."
7. 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.

NHDES Wetlands Bureau permit #2024-00215 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: Kimberly K. Gerrish Rev. Living Trust

TOWN NAME: Greenland

	<h1>COMPLETE</h1> Use JAN 29 2024	Administrative Use Only	File No.: <u>2024-00213</u>
			Check No.: <u>10195</u>
			Amount: <u>236.00</u>
			Initials: <u>KG</u>

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 <u>Wetland Permit Planning Tool (WPPT)</u> , the Natural Heritage Bureau (NHB) <u>DataCheck Tool</u> , the <u>Aquatic Restoration Mapper</u> , or other sources to assist in identifying key features such as: <u>priority resource areas (PRAs)</u> , <u>protected species or habitats</u> , 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"> Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&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. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Protected species or habitat? <ul style="list-style-type: none"> If yes, species or habitat name(s): NHB Project ID #: 23-3289 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> Bog? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Floodplain wetland contiguous to a tier 3 or higher watercourse? 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> Designated prime wetland or duly-established 100-foot buffer? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> 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"> Name of Local River Management Advisory Committee (LAC): A copy of the application was sent to the LAC on Month: Day: Year: N/A 	

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

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For dredging projects, is the subject property contaminated? • If yes, list contaminant:	<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
For stream crossing projects, provide watershed size (see <u>WPPT</u> or Stream Stats): N/A	
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 project proposes the construction of a tidal docking structure consisting of a 4' x 20' accessway, a 4' x 60' fixed wood pier, a 3' x 38' gangway, a 10' x 20' float, and 2 helical moorings totaling 80 sq. ft. of permanent impact to the previously developed 100' Tidal Buffer Zone and 554 sq. ft. of permanent impact to tidal wetlands	
SECTION 3 - PROJECT LOCATION Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.	
ADDRESS: 12 Liam's Court	
TOWN/CITY: Greenland	
TAX MAP/BLOCK/LOT/UNIT: R13 / 9	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Great Bay <input type="checkbox"/> N/A	
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):	X: 1191055.49810° North Y: 203326.53859° West

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))			
If the applicant is a trust or a company, then complete with the trust or company information.			
NAME: Kimberly K. Gerrish Revocable Living Trust			
MAILING ADDRESS: [REDACTED]			
TOWN/CITY: [REDACTED]		STATE: [REDACTED]	ZIP CODE: [REDACTED]
EMAIL ADDRESS: [REDACTED]			
FAX:		PHONE: [REDACTED]	
ELECTRONIC COMMUNICATION: By initialing here: _____, I hereby authorize NHDES to communicate all matters relative to this application electronically.			
SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))			
<input type="checkbox"/> N/A			
LAST NAME, FIRST NAME, M.I.: Hayden, Samuel N.			
COMPANY NAME: Ambit Engineering, Inc. / Haley Ward			
MAILING ADDRESS: 200 Griffin Road, Unit 3			
TOWN/CITY: Portsmouth		STATE: NH	ZIP CODE: 03801
EMAIL ADDRESS: shayden@haleyward.com			
FAX:		PHONE: 443 474 1880	
ELECTRONIC COMMUNICATION: By initialing here SH, I hereby authorize NHDES to communicate all matters relative to this application electronically.			
SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(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:			
MAILING ADDRESS:			
TOWN/CITY:		STATE:	ZIP CODE:
EMAIL ADDRESS:			
FAX:		PHONE:	
ELECTRONIC COMMUNICATION: By initialing here _____, 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	80		<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water	556		<input type="checkbox"/>			<input type="checkbox"/>
TOTAL							

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):	SF	x \$0.40 = \$
Seasonal docking structure:	314 SF	x \$2.00 = \$ 628
Permanent docking structure:	322 SF	x \$4.00 = \$ 1,288
Projects proposing shoreline structures (including docks) add \$400 = \$ 400		
Total =		\$ 2,316

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The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 2,316

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: <i>SH</i>	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials: <i>SH</i>	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: <i>SH</i>	The signer understands that: <ul style="list-style-type: none"> The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> Deny the application. Revoke any approval that is granted based on the information. 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. The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. 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.
Initials: <i>SH</i>	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): <i>Samuel N. Hayden</i>	PRINT NAME LEGIBLY: Samuel N. Hayden	DATE: 1/19/24

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: <i>Marguerite F. Morgan</i>	PRINT NAME LEGIBLY: Marguerite F. Morgan
---	---

TOWN/CITY:	DATE:
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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:

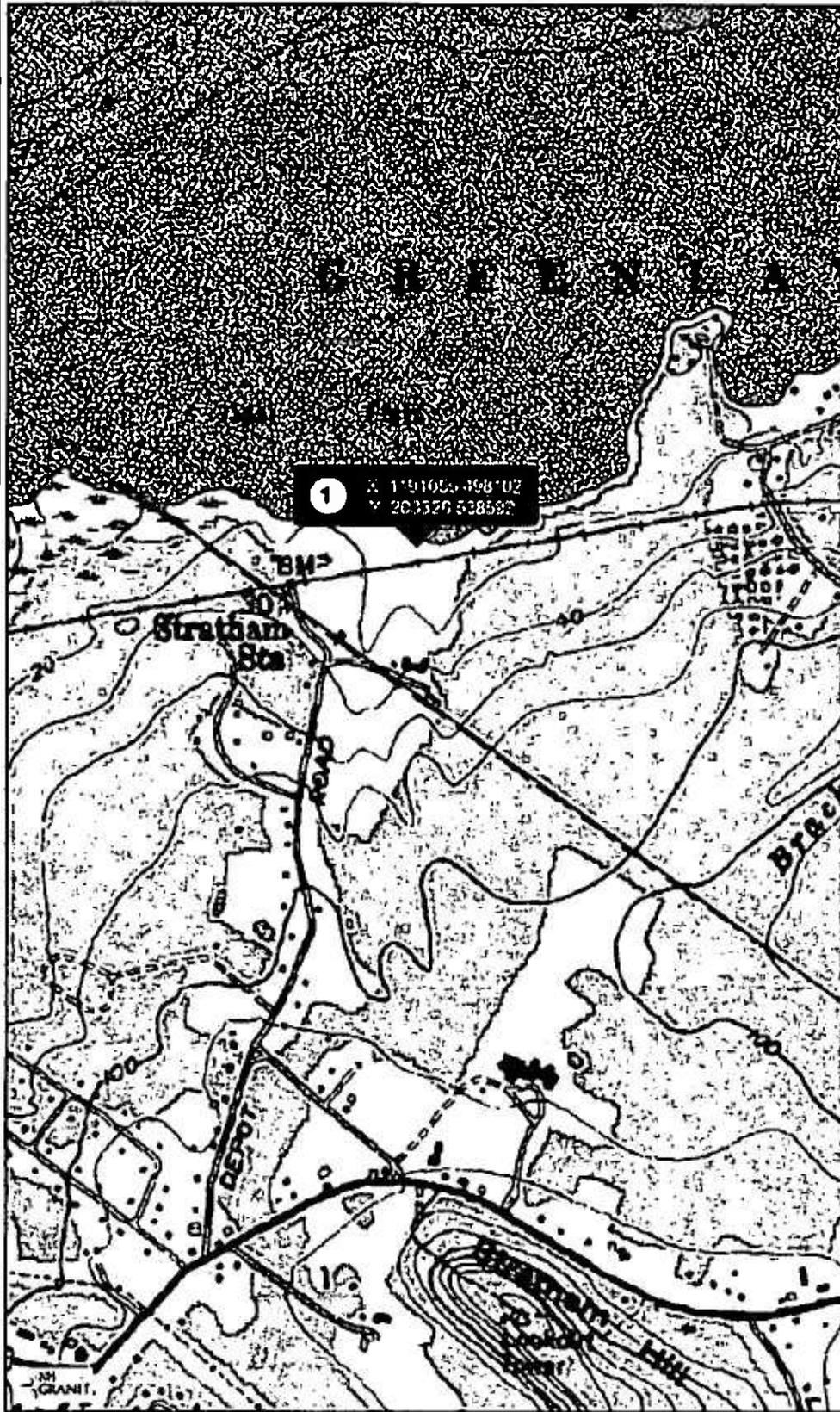
Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer - State of NH".

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

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Map by NH GRANIT



Legend

- State
- County
- City/Town

RECEIVED
JAN 29 2024
POST OFFICE

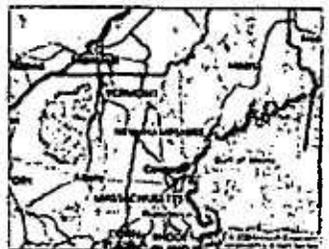
Map Scale
1: 12,968



© NH GRANIT, www.granit.unh.edu
Map Generated: 11/10/2023

Notes

12 Lien's Court, Greenland NH





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, or (603) 271-8614.



555 Market Street, Suite 1 Portsmouth, NH 03801

February 23, 2024

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

Attn: Eben Lewis

Re: 12 Liam's Court, Map 13 Lot 9

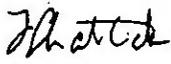
Dear Eben,

We reviewed plans for the construction of a pier and float system on the
Cocheco River in Dover at property belonging to

Kimberly K Gerrish Revocable Trust
12 Liam's Court
Greenland, 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
120 Main St Suite 1880
Saco, ME 04072

○○○○ TAKING YOU THERE

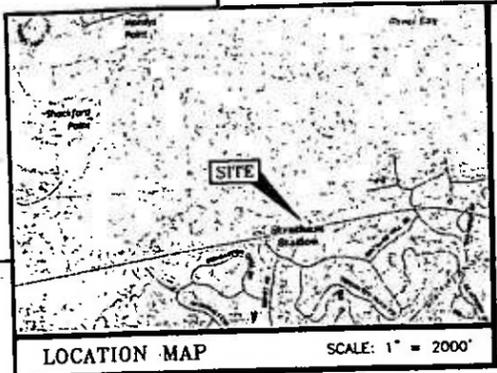
ph 603-436-8500 fax: 603-436-2780 www.peasedev.org

Ambit Engineering Abutter List
Kimberly K. Gerrish Rev. Living Trust
12 Liam's Court
Greenland, NH

Job # 3402.39

Applicant/Owner(s)		Deed	Owner (s) First/Trust	Owner(s) Last, Trustee	Mailing Address	City	State	Zip
Map R13	Lot 9		Gerrish Kimberly K Revocable Trust	Todd and Kimberly Gerrish	12 Liam's Court	Greenland	NH	03840
	Engineer		Ambit Engineering Civil Engineers & Land Surveyors		200 Griffin Road, Unit #3	Portsmouth	NH	03801
	Other Consultants Other Consultants Other Consultants							
Job #	3402.39		Abutters					
Map	Lot	Deed	Owner(s) First/Trust	Owner(s) Last /Trustee	Mailing Address	City	State	Zip
R13	33-H		MacArthur Dawn E Revocable Trust	Dawn and Robert Macarthur	[REDACTED]			
R13	8		Macinnis Robert P 2018 Trust					
R12	4		State of New Hampshire	Dept. of Transportation	7 Hazen Dr, PO Box 483	Concord	NH	03302-0483

1:129 2.4



PLAN REFERENCES:

- 1) LOT LINE ADJUSTMENT PLAN AND SUBDIVISION OF LAND FOR SCOFFIELD AND SANDLA IN GREENLAND, NH, SCALE 1" = 100', DATED NOV. 16, 1968, PREPARED BY SEACOST ENGINEERING ASSOCIATES, INC., RORD D-19059.
- 2) SUBDIVISION OF LAND FOR NANCY SCOFFIELD IN GREENLAND, NH, SCALE 1" = 50', DATED 19 MARCH 1967, PREPARED BY SEACOST ENGINEERING ASSOCIATES, INC., RORD D-17514.
- 3) LOT LINE REVISION FOR PROPERTY AT 5 & 12 LIAM'S COURT & 15 TUCKER FARM ROAD GREENLAND, ROCKINGHAM COUNTY, NEW HAMPSHIRE, MICHAEL R. & CHRISTINE R. WELTS, KRISTINE YANOFSKY REVOCABLE LIVING TRUST, KENNETH G. & BEVERLY W. BELLEVUE, GEORGE & THORESA M. BELLEVUE, SCALE 1" = 40', DATED 3/18/03, PREPARED BY NORTH EASTERLY SURVEYING, INC. RORD D-30378.

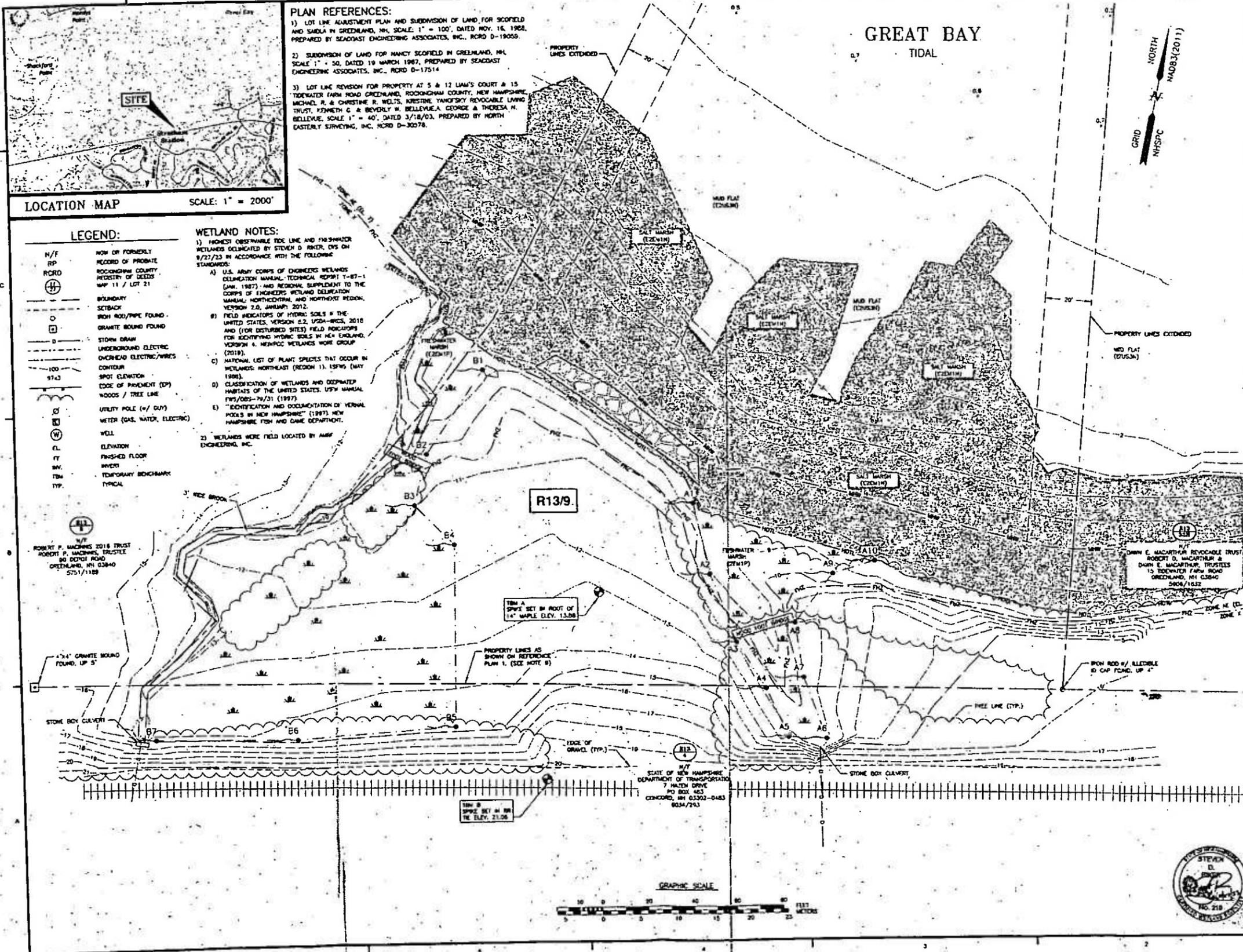
LEGEND:

- N/F RP RORD: NOW OR FORMERLY RECORD OF PROBATE ROCKINGHAM COUNTY REGISTRY OF DEEDS MAP 11 / LOT 21
- BOUNDARY SETBACK: BOUNDARY SETBACK
- IRON ROD/PIPE FOUND: IRON ROD/PIPE FOUND
- GRANITE BOUND FOUND: GRANITE BOUND FOUND
- STORM DRAIN: STORM DRAIN
- UNDERGROUND ELECTRIC: UNDERGROUND ELECTRIC
- CONTOUR: CONTOUR
- SPOT ELEVATION: SPOT ELEVATION
- EDGE OF PAVEMENT (EP): EDGE OF PAVEMENT (EP)
- WOODS / TREE LINE: WOODS / TREE LINE
- UTILITY POLE (W/ GUY): UTILITY POLE (W/ GUY)
- WELL: WELL
- ELEVATION: ELEVATION
- FINISHED FLOOR: FINISHED FLOOR
- INVERT: INVERT
- TEMPORARY BENCHMARK: TEMPORARY BENCHMARK
- TYP.: TYPICAL

WETLAND NOTES:

- 1) HIGHEST OBSERVABLE TIDE LINE AND FRESHWATER WETLANDS DELINEATED BY STEVEN D. RICKER, CIVS ON 9/27/23 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, NORTHWESTERN AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012.
 - B) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 6.2, USDA-NRCS, 2010 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, NEWFOG WETLANDS WORK GROUP (2018).
 - C) NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST REGION 1), USFWS (MAY 1998).
 - D) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, USFWS MANUAL FWS/OBS-79/31 (1977).
 - E) IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE (1993), NEW HAMPSHIRE FISH AND GAME DEPARTMENT.
- 2) WETLANDS WERE FIELD LOCATED BY AMB ENGINEERING, INC.

GREAT BAY TIDAL



NOTES:

- 1) PARCEL IS SHOWN ON THE TOWN OF GREENLAND ASSESSOR'S MAP R13 AS LOT 9.
- 2) OWNERS OF RECORD: KIMBERLY K. GERRISH REVOCABLE LIVING TRUST, KIMBERLY K. GERRISH & TODD S. GERRISH, TRUSTEES, 12 LIAM'S COURT, GREENLAND, NH 03840, 5793/1445 (PARCEL 2), D-19059 (PARCEL D).
- 3) A PORTION OF THE PARCEL IS IN A SPECIAL FLOOD HAZARD AREA ZONE AE EL. 7 (NAV088) AS SHOWN ON FIRM PANEL 33015C0245F, EFFECTIVE JANUARY 29, 2021.
- 4) EXISTING LOT AREA: 37,843 S.F. ± TO MHF, 0.8641 ACRES ± TO MHF.
- 5) PARCEL IS LOCATED IN THE RESIDENTIAL DISTRICT.
- 6) DIMENSIONAL REQUIREMENTS:

MIN. LOT AREA:	60,000 S.F. W/ 45,000 S.F. CONTIGUOUS NON-WETLAND SOIL.
FRONTAGE:	200 FEET
SETBACKS:	FRONT 30 FEET, SIDE 20 FEET, REAR 20 FEET
MAXIMUM STRUCTURE HEIGHT:	35 FEET
MAXIMUM LOT COVERAGE:	20%
MINIMUM OPEN SPACE:	80%
- 7) THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON ASSESSOR'S MAP R13 LOT 9 IN THE TOWN OF GREENLAND.
- 8) VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW). BASIS OF VERTICAL DATUM IS REDUNDANT RTH GHS OBSERVATIONS, TRANSLATION FROM NAVD88 TO MLLW REFERENCED TO NOAA STATION 8423005 ATLANTIC TERMINALS T14A, NH. MLLW BEING 3.99' LOWER THAN ELEVATION 0.0 NAVD88.
- 9) THIS IS NOT A BOUNDARY SURVEY. BOUNDARY LINES SHOWN HEREON ARE BASED SOLELY ON REFERENCE PLAN 1. EASEMENTS, RIGHTS OF OTHERS, ETC., HAVE NOT BEEN RESEARCHED OR NOTED HEREON.

N/F RP RORD
ROBERT F. MACRINS 2018 TRUST
ROBERT F. MACRINS, TRUSTEE
89 BOND ROAD
GREENLAND, NH 03840
5751/1188

N/F RP RORD
DANN E. MACARTHUR REVOCABLE TRUST
ROBERT D. MACARTHUR &
DANN E. MACARTHUR, TRUSTEES
15 TUCKER FARM ROAD
GREENLAND, NH 03840
5906/1632

N/F RP RORD
STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
7 HAZEN DRIVE
PO BOX 463
CONCORD, NH 03302-0463
6034/743

0	2023.10.23	ISSUED FOR COMMENT	CSA	JRC
1	2023.10.23	REVISION	CSA	JRC

EXISTING CONDITIONS

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

333 Green Road, Suite 3
Plymouth, NH 03801
603.433.7322

WWW.HALEYWARD.COM

GERRISH PROPERTY
OFF LIAM'S COURT, GREENLAND, NEW HAMPSHIRE

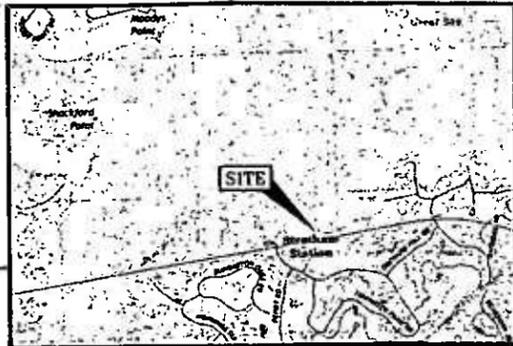
TOPOGRAPHIC & BATHYMETRIC SURVEY

DATE: OCTOBER 2023 SCALE: 1" = 20'

DESIGNED BY: CSA CHECKED BY: JRC

PROJECT NO. AND FIRM NO.: 5210180.3402.33, FB 484 PG 1

SHEET 1 C1



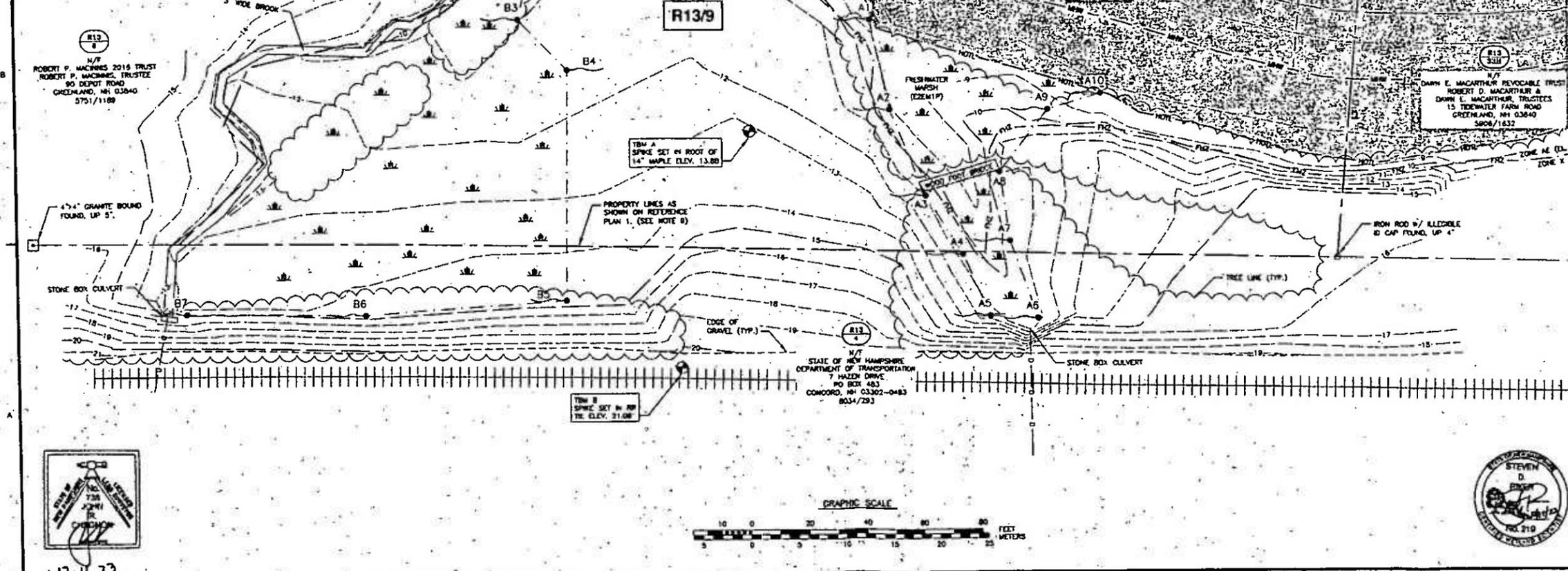
PLAN REFERENCES:

- 1) LOT LINE ADJUSTMENT PLAN AND SUBDIVISION OF LAND FOR SCOFFIELD AND SANDA IN GREENLAND, NH. SCALE: 1" = 100'. DATED NOV. 18, 1988. PREPARED BY SEACOAST ENGINEERING ASSOCIATES, INC., RCRD D-18059.
- 2) SUBDIVISION OF LAND FOR NANCY SCOFFIELD IN GREENLAND, NH. SCALE 1" = 50. DATED 19 MARCH 1987. PREPARED BY SEACOAST ENGINEERING ASSOCIATES, INC., RCRD D-17514.
- 3) LOT LINE REVISION FOR PROPERTY AT 5 & 12 LIAM'S COURT & 15 TIDEWATER FARM ROAD GREENLAND, ROCKINGHAM COUNTY, NEW HAMPSHIRE. MICHAEL R. & CHRISTINE R. WELLS, KRISTINE YANOVSKY REVOCABLE LIVING TRUST, KATHY G. & MICHAEL W. BELLEVUE, GEORGE & THERESA M. BELLEVUE. SCALE 1" = 40'. DATED 3/18/03. PREPARED BY NORTH EASTERLY SURVEYING, INC. RCRD D-30576.

LOCATION MAP SCALE: 1" = 2000'

- LEGEND:**
- N/F RECORD OF PROBATE
 - RP RECORD OF DEEDS
 - RCRD RECORD OF DEEDS
 - BOUNDARY
 - SETBACK
 - IRON ROD/PIPE FOUND
 - GRANITE BOUND FOUND
 - STORM DRAIN
 - UNDERGROUND ELECTRIC
 - OVERHEAD ELECTRIC/WIRES
 - CONTOUR
 - SPOT ELEVATION
 - EDGE OF PAVEMENT (EP)
 - WOODS / TREE LINE
 - UTILITY POLE (-/ GUY)
 - METER (GAS, WATER, ELECTRIC)
 - WELL
 - ELEVATION
 - FINISHED FLOOR
 - INVERT
 - TEMPORARY BENCHMARK
 - TYPICAL

- WETLAND NOTES:**
- 1) HIGHEST OBSERVABLE TIDE LINE AND FRESHWATER WETLANDS DELINEATED BY STEVEN D. RIVER, CWS ON 8/27/23 IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
 - A) U.S. ARMY CORPS OF ENGINEERS WETLAND 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 4.2, USDA-NRCS, 2018 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4.1, NEWFOC WETLANDS WORK GROUP (2018).
 - 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 (1987).
 - E) "IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE" (1997), NEW HAMPSHIRE FISH AND GAME DEPARTMENT.
 - 2) WETLANDS WERE FIELD LOCATED BY AMBIT ENGINEERING, INC.



- NOTES:**
- 1) PARCEL IS SHOWN ON THE TOWN OF GREENLAND ASSESSOR'S MAP R13 AS LOT 9.
 - 2) OWNERS OF RECORD:
KIMBERLY K. GERRISH REVOCABLE LIVING TRUST
KIMBERLY K. GERRISH &
TODD S. GERRISH, TRUSTEES
12 LIAM'S COURT
GREENLAND, NH 03840
5793/1445 (PARCEL H)
D-19058 (PARCEL D)
 - 3) A PORTION OF THE PARCEL IS IN A SPECIAL FLOOD HAZARD AREA ZONE AE, EL. 7 (NAVD88) AS SHOWN ON FIRM PANEL 33015G0245F, EFFECTIVE JANUARY 29, 2021.
 - 4) EXISTING LOT AREA:
37,643 S.F. ± TO MHW
0.8641 ACRES ± TO MHW
 - 5) PARCEL IS LOCATED IN THE RESIDENTIAL DISTRICT.
 - 6) DIMENSIONAL REQUIREMENTS:
MIN. LOT AREA: 60,000 S.F. W/
45,000 S.F. CONTIGUOUS NON-WETLAND SOIL.
FRONTAGE: 200 FEET
SETBACKS: FRONT 30 FEET
SIDE 20 FEET
REAR 20 FEET
MAXIMUM STRUCTURE HEIGHT: 35 FEET
MAXIMUM LOT COVERAGE: 20%
MINIMUM OPEN SPACE: 80%
 - 7) THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED DOCKING STRUCTURE ON ASSESSOR'S MAP R13 LOT 9 IN THE TOWN OF GREENLAND.
 - 8) VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW). BASIS OF VERTICAL DATUM IS REDUNDANT RIN GNSS OBSERVATIONS, TRANSLATION FROM NAVD88 TO MLLW REFERENCED TO NOAA STATION 8423005 ATLANTIC TERMINALS 114A, NH. MLLW BEING 3.99' LOWER THAT ELEVATION 0.0 NAVD88.
 - 9) THIS IS NOT A BOUNDARY SURVEY. BOUNDARY LINES SHOWN HEREON ARE BASED SOLELY ON REFERENCE PLAN 1. EASEMENTS, RIGHTS OF OTHERS, ETC., HAVE NOT BEEN RESEARCHED OR NOTED HEREON.

0	2023.12.11	ISSUED FOR COMMENT	CMS	JRC
NO.	DATE	DESCRIPTION	BY	CHK.

FOR APPROVAL

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

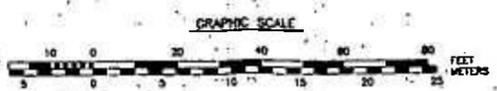
220 OREN ROAD, SUITE 3
PORTSMOUTH, NH 03801
603.430.9287

WWW.HALEYWARD.COM

GERRISH PROPERTY
OFF LIAM'S COURT, GREENLAND, NEW HAMPSHIRE

NH DES PERMIT PLAN

DATE	DECEMBER 2023	SCALE	1" = 20'
DESIGNED BY	CSA	CHECKED BY	JRC
DRAWN BY	CSA	PROJECT NO. AND FIELD BOOK	8010180.3402.38 FB 464 PG 1
DATE	12-11-23	SHEET	2
			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 LOCATION OF THE NEW DOCK AND WATERWALL OF ANY EXISTING VEGETATION TO MINIMIZE IMPACTS.
- 4) INSTALLATION OF THE SUB STRUCTURE 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) PILES WILL BE MECHANICALLY DRIVEN BY A CRANE ELIMINATING ANY EXCAVATION FOR INSTALLATION OF THE PILES. PILING ARE DRIVEN TO REFUSAL.
- 7) PILES 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 PIER IS COMPLETE, 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 (LGP), 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 SOILS 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 CORP AND NHDES AUTHORIZATION. SIMILARLY, NOT USING MATS DURING FROZEN, DRY OR OTHER CONDITIONS MAY BE ALLOWED WITH WRITTEN CORP AND NHDES AUTHORIZATION. AN ADEQUATE SUPPLY OF SPILL CONTAINMENT EQUIPMENT SHALL BE MAINTAINED ON SITE. CONDUIT/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
- II. MUST BE DRILLED AND PILED TO LEDGE, OR
- III. VIBRATORY HAMMERS USED TO INSTALL ANY SIZE AND QUANTITY OF WOOD, CONCRETE OR STEEL PILES, OR
- IV. 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 17-INCHES DIAMETER IF THE HAMMER IS <=3000 LBS. AND A WOOD CUSHION IS USED BETWEEN THE HAMMER AND STEEL PILE.

FOR 8-11 AM:

- I. IN-WATER NOISE LEVELS SHALL NOT >157dB SEL RE WPA OR 206dB PEAK RE WPA AT A DISTANCE >10' FROM THE PILE BEING INSTALLED. AND
- II. IN-WATER NOISE LEVELS >155dB PEAK RE WPA SHALL NOT EXCEED 12 CONSECUTIVE HOURS ON ANY GIVEN DAY AND A 12 HOUR RECOVERY PERIOD (I.E., IN-WATER NOISE BELOW 155dB PEAK RE WPA) MUST BE PROVIDED BETWEEN WORK DAYS.

WORK SITE RESTORATION

1. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED WETLAND AREAS SHALL BE PROPERLY STABILIZED. ANY SEED MIX SHALL CONTAIN ONLY PLANT SPECIES NATIVE TO THE DISTURBED AREA.
2. THE INTRODUCTION OR SPREAD OF INVASIVE PLANT SPECIES IN DISTURBED AREAS IS PROHIBITED.
3. IN AREAS OF TEMPORARY DISTURBANCE, IF TREES ARE CUT THEY SHALL BE CUT AT CROWD LEVEL AND NOT UNROOTED IN ORDER TO PREVENT DISRUPTION TO THE WETLAND SOIL STRUCTURE AND TO ALLOW SWAMP SPROUTS TO REVEGETATE THE WORK AREA, UNLESS OTHERWISE AUTHORIZED.
4. 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 SILT 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 WETLAND BIRD SPAWNING 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 MACAUBSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT (I.E., EFN OR SPAWNING ADULTS) CAN BE OBTAINED FROM THE MAF'S WEBSITE AT: WWW.NHFD.NH.GOV/MAF.

STORAGE OF SEASONAL STRUCTURES

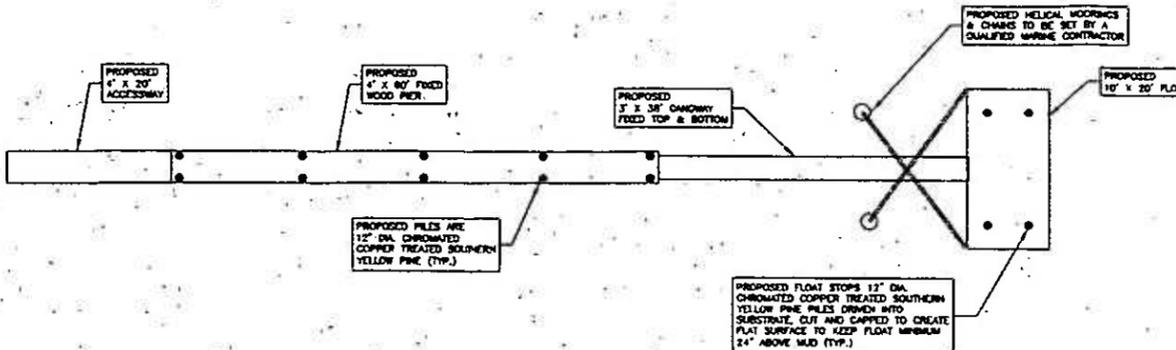
COASTAL STRUCTURES SUCH AS PIER SECTIONS, FLOATS, ETC., THAT ARE REMOVED FROM THE WATERWAY FOR A PORTION OF THE YEAR (OFTEN REFERRED TO AS SEASONAL STRUCTURES) SHALL BE STORED IN AN UPLAND LOCATION, LOCATED ABOVE HIGHEST OBSERVABLE TIDE LINE (DOTL) AND NOT IN TIDAL WETLANDS. THESE SEASONAL STRUCTURES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

ENVIRONMENTAL FUNCTIONS AND VALUES

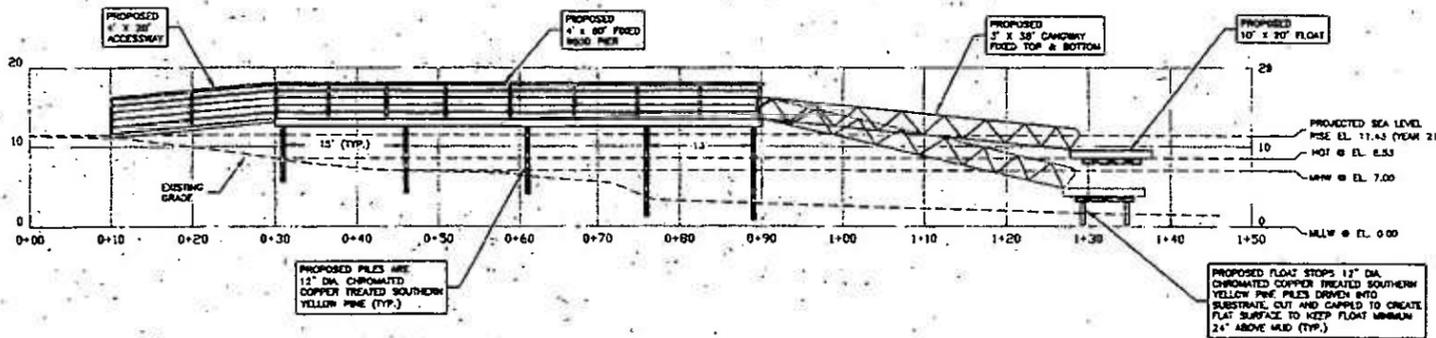
THE PERMITTEE SHALL MAKE EVERY REASONABLE EFFORT TO 1) CARRY OUT THE CONSTRUCTION OR OPERATION OF THE WORK AUTHORIZED BY USACE AND NHDES HEREIN IN A MANNER THAT MINIMIZES ADVERSE IMPACTS ON FISH, REEFIFE AND NATURAL ENVIRONMENTAL VALUES, AND 2) PREVENT THE ESTABLISHMENT OR SPREAD OF PLANT SPECIES IDENTIFIED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

INSPECTIONS

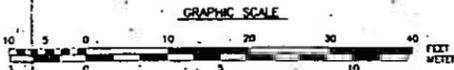
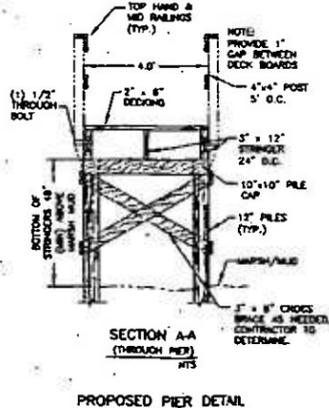
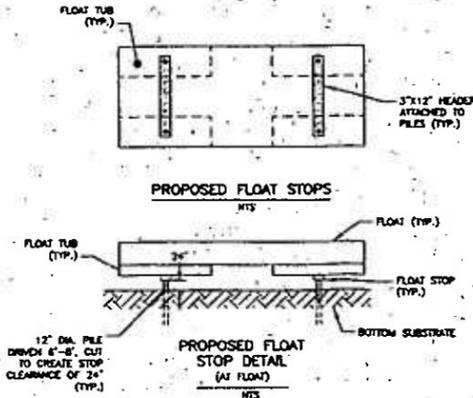
THE PERMITTEE SHALL ALLOW THE CORP AND NHDES TO MAKE PERIODIC INSPECTIONS AT ANY TIME DEEMED NECESSARY IN ORDER TO ENSURE THAT THE WORK IS BEING OR HAS BEEN PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT. THE CORP AND NHDES MAY ALSO REQUIRE POST-CONSTRUCTION ENGINEERING DRAWINGS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



PROPOSED DOCK PLAN
SCALE: 1" = 10'



PROPOSED DOCK ELEVATION
SCALE: HORIZONTAL/VERTICAL-1" = 10'
PROPOSED PIER, GANGWAY & FLOAT w/ PILES



NOTES:

- 1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-880-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 DOCKING STRUCTURE NOT TO EXCEED 14 AS DEPICTED ON PROPOSED DOCK ELEVATION. ALSO NOTE TIME OF YEAR AND NOISE RESTRICTIONS FOR DRIVING OF PILES.

0	2023.12.11	ISSUED FOR COMMENT	CMS	JRC
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FOR APPROVAL

AMBIT ENGINEERING, INC.
A DIVISION OF HALEY WARD, INC.
320 GREEN ROAD, LBN 3
PORTSMOUTH, NH 02801
603.432.2822
WWW.HALEYWARD.COM

GERRISH PROPERTY
OFF LIAM'S COURT, GREENLAND, NEW HAMPSHIRE

DOCK DETAILS

DATE: DECEMBER 2023
SCALE: 1" = 10'
DESIGNED BY: CMS
CHECKED BY: JRC
PROJECT NO.: 400 PILES 000
SHEET NO.: 5010180.3402.38 FB 404 PG 1
SHEET 3 D1