



The State of New Hampshire ^{MAR 10 '21 AM 10:16 RCVD}
Department of Environmental Services



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Robert R. Scott, Commissioner

March 10, 2021

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

REQUESTED ACTION

Approve Andrew C. and Danielle S. Herrold's request to perform work on Lake Winnepesaukee in Tuftonboro as outlined below. This request is pursuant to New Hampshire Department of Environmental Services (NHDES) file # 2020-02789. This project will not have significant impact on, or adversely affect, the values of Lake Winnepesaukee.

Impact 288 square-feet of bank in order to construct a 18 foot-x 18-foot semi-circular-perched beach with 4 foot wide water access steps, permanently remove an existing 6 foot x 40 foot pile pier, install two 6 foot x 40 foot seasonal piers connected by a 4 foot x 12 foot walkway and attached to shore by two 7 foot x 2 foot anchoring pads, install a single seasonal boatlift and a single 6 foot x 40 foot seasonal pier attached to a 5 foot x 2 foot anchoring pad along an average of 353 feet of frontage along Lake Winnepesaukee within Winter Harbor in Tuftonboro.

The NHDES imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised plans revision dated December 21, 2020 by Advantage NH Lakes, as received by the NH Department of Environmental Services (NHDES) on January 4, 2021.
2. This permit shall not be effective until it has been recorded in the Carrol County Registry of Deeds and a copy of the recorded permit has been provided to the department as required pursuant to RSA 482-A:3; and Env-Wt 314.02.
3. In accordance with Env-Wt 511.04, (c), the proposed beach retaining wall shall be located at an elevation at least 12 inches landward of the normal high water line (Elev. 504.32).
4. Any subdivision of the property frontage will require removal of a sufficient portion of the docking structures to comply with the dock size and density requirements in effect at the time of the subdivision as required to maintain compliance with Env-Wt 314.02 and Env-Wt 513.12.
5. Only those structures shown on the approved plans shall be installed or constructed along this frontage as required per Env-Wt 513.22, (a).
6. All portions of the docking structures shall be located at least 20 feet from the abutting property lines and no watercraft shall be secured to the docking facility such that it crosses over the imaginary extension of the property lines over the surface water as required by RSA 482-A:3, XIII.

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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

7. All seasonal structures, including watercraft lifts, shall be removed for the non-boating season as required per Env-Wt 513.22.
8. The concrete pad shall be constructed landward of the normal high water line (Elev. 504.32) as required per Env-Wt 513.13, (d).
9. The use of this structure shall be limited to the docking and securing of watercraft as required to comply with Env-Wt 307.09.
10. The seasonal dock shall be removed from the water prior to applying any paint, stain, or other preservative coating, and not returned to the water until after such coating is dry as required per Env-Wt 513.22(b)(4).
11. The owner understands and accepts that should these docking structures be found to have an unreasonable impact on the ability of abutting owners to use and enjoy their properties or the public's right to navigation, passage, and use of the resource for commerce and recreation the structures shall be subject to removal pursuant to RSA 482-A:1, RSA 482-A:11, (2), and Env-Wt 513.03 (a).
12. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
13. Pursuant to RSA 483-B:9, V, (a)(2)(d)(v), this permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a)(2)(D)(iv).
14. Water quality control measures capable of minimizing erosion; collecting sediment and suspended and floating materials; and filtering fine sediment shall be selected and implemented as appropriate based on the size and nature of the project and the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to jurisdictional areas as required pursuant to Env-Wt 307.03(c).
15. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality; that no turbidity escapes the immediate dredge area, and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
16. All dredged and excavated material and construction-related debris shall be placed outside of those areas subject to RSA 482-A or RSA-483-B unless a permit for the deposition of materials within those areas has been obtained as required per RSA 482-A:3 or RSA 483-B:5-b respectively.
17. No activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700 as required pursuant to Env-Wt 307.03(a).
18. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

EXPLANATION

The NHDES approved this project on February 03, 2021. The NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 513.24, (c), (2), construction of a major docking structure consisting of 5 boat slips.

2. The applicant has an average of 353 feet of frontage along Lake Winnepesaukee.
3. A maximum of 5 slips may be permitted on this frontage per Rule Env-Wt 513.12, Frontage Requirements for Private and Non-commercial Docking Structures.
4. The proposed docking facility will provide 5 slips as defined per RSA 482-A:2, VIII, and therefore meets Rule Env-Wt 513.12.
5. The NHDES finds that because the project is not of significant public interest and will not significantly impair the resources of Lake Winnepesaukee a public hearing under RSA 482-A:8 is not required.
6. No concerns were received from abutters nor the local Conservation-Commission related to the project.
7. The NHDES 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 - 900. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900 were requested or approved under this permit action.

Application file documents are being forwarded to the Governor and the Executive Council in connection with their consideration of this matter pursuant to RSA 482-A:3, II(a), as it is a major project in public waters of the state.

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: Herrold

TOWN NAME: Tuftonboro

			File No.: <u>2020-02789</u>
			Check No.: <u>410</u>
			Amount: <u>\$ 1800.00</u>
			Initials: <u>RS</u>

A person may request a waiver to requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interests of the public or the environment. A person may also request a waiver of standard for existing dwellings over water pursuant to RSA 482-A:26, III (b). For more information, please consult the 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 Resource 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? Yes No

Does the property contain a PRA? Yes No. If yes, provide the following information:

- Does the project qualify for an Impact Classification Adjustment or a Project-Type Exception (See Env-Wt 407.02 and Env-Wt 407.04)? Yes No
- Protected species or habitat? Yes No. If yes, species or habitat name(s):
- NHB Project ID #: NHB20-2773
- Bog? Yes No
- Floodplain wetland contiguous to a tier 3 or higher watercourse? Yes No
- Designated Prime Wetland or duly-established 100-foot buffer? Yes No
- Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? Yes No

Is the property within a Designated River corridor? Yes No. If yes, provide the following information:

- Name of Local River Management Advisory Committee (LAC): n/a
- A copy of the application was sent to the LAC on Month: x Day: x Year: xxxx

For stream crossing projects, provide watershed size: n/a

For dredging projects, is the subject property contaminated? Yes No
If yes, list contaminant: n/a

Is there potential to impact impaired waters, class A waters, or outstanding resource waters? Yes No

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" in the space provided below.			
Remove completely a 6'x40' permanent pier (240 sf) along the frontage and replace with (2) 6'x40' seasonal docks connected with a 4'x12' connecting walkway in the same location (528 sf). Provide (2) 7'x2' concrete anchoring pads at the shore behind full lake elevation to hinge the seasonal dock. Provide a seasonal boatlift within the center boatslip. Provide (1) additional 4'x40' seasonal hinged pier with a 5'x2' concrete anchoring pad along the southern portion of the property to accommodate two additional boatslips. Boatslip calculations indicate the frontage will support 6 boatslips along the applicant's frontage. Proposal replaces 2 existing boatslips and proposes 3 for a total of 5 boatslips.			
In addition, perch an existing sloped sandy beach area with a small 250 sf perched beach behind the full lake elevation with stepped access to the lake bottom. No dredging is required to gain access to the water.			
SECTION 3 - PROJECT LOCATION			
Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.			
ADDRESS: 68 Winter Harbor Way		TOWN/CITY: Tuftonboro	
TAX MAP/BLOCK/LOT/UNIT: 63-2-20			
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Lake Winnepesaukee <input type="checkbox"/> N/A			
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):		43.61033° North 71.26504° 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: Andrew & Danielle Herrold			
MAILING ADDRESS			
TOWN/CITY: York		STATE:	ZIP CODE
EMAIL ADDRESS: *See agent info		FAX: n/a	PHONE: n/a
ELECTRONIC COMMUNICATION: By initialing here: <u>n/a</u> , 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.: Folsom, Allen			
COMPANY NAME: Advantage NH Lakes		MAILING ADDRESS: P.O. Box 862	
TOWN/CITY: Wolfboro Falls		STATE: NH	ZIP CODE: 03896
EMAIL ADDRESS:		FAX: n/a	PHONE: 603-998-0619
ELECTRONIC COMMUNICATION: By initialing here <u>AF</u> , 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: [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). See all package information supplied. Some specific items are addressed below: <ul style="list-style-type: none"> *The project meets Env-Wt. 311.07 Demonstration of Avoidance and Minimization *The project does not require a CWS delineation pursuant to Env-Wt 406.03 (5) nor a functional assessment as it is located over public submerged lands and is a dock project. *The project is a PTE (Project-Type Exception) as listed in Table 407-2 Docking Structures Env-513 *The project is designed pursuant to Env-Wt 513 and meets Env-Wt-513.10 Setback 			
SECTION 8 - AVOIDANCE AND MINIMIZATION			
Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)). If all impacts cannot be avoided, a functional assessment is required for minor and major projects (Env-Wt 311.03(b)(10)). Any project with unavoidable jurisdictional impacts must then be minimized as described in the <u>Wetlands Best Management Practice Techniques For Avoidance and Minimization</u> and the <u>Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet</u> . Please refer to the application checklist to ensure that you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). You can use the <u>Avoidance and Minimization Checklist</u> , the <u>Avoidance and Minimization Narrative</u> , or your own avoidance and minimization narrative.			

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

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

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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).

Have you submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent impacts that will remain after avoidance and minimization demonstration? Yes No

N/A - 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 required permitting).

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	688	28	<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	60		<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
TOTAL		748	28				

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

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SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)		
<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):	60 SF	× \$0.40 = \$ 24.00
Seasonal docking structure:	688 SF	× \$2.00 = \$ 1,376.00
Permanent docking structure:	283 SF	× \$4.00 = \$ 1,132.00
Projects proposing shoreline structures (including docks) add \$400 =		\$ 400.00
Total =		\$ 1,800.00
The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 1,800.00		
SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)		
Indicate the project classification.		
<input type="checkbox"/> Minimum Impact Project	<input type="checkbox"/> Minor Project	<input checked="" type="checkbox"/> Major Project
SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)		
Initial each box below to certify:		
Initials: AF	To the best of the signer's knowledge and belief, all required notifications have been provided.	
Initials: AHDH	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: AHDH	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"> 1. Deny the application. 2. Revoke any approval that is granted based on the information. And 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. • 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 trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II. 	
Initials: AHDH	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 SIGNATURE (Env-Wt 311.04(d); Env-Wt 311.11)		
SIGNATURE (OWNER): <i>Andrew and Danielle Herrold</i>	PRINT NAME LEGIBLY: Andrew and/or Danielle Herrold	DATE: 9-18-2020
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): <i>Danielle S Herrold</i>	PRINT NAME LEGIBLY: DANIELLE S HERROLD / Andrew Herrold	DATE: 10/14/20
SIGNATURE (AGENT, IF APPLICABLE): <i>Allen Folsom</i>	PRINT NAME LEGIBLY: Allen Folsom	DATE: 10-20-2020

SECTION 16 TOWN/CITY CLERK SIGNATURE (Env-Wt 311.04(f))	
As required by RSA 482-A:3, I(a),(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.	
TOWN/CITY CLERK SIGNATURE: <i>[Signature]</i>	PRINT NAME LEGIBLY: <i>Jennifer Coiter</i>
TOWN/CITY: <i>Tuftonboro</i>	DATE: <i>OCT 26 2020</i>

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. And
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

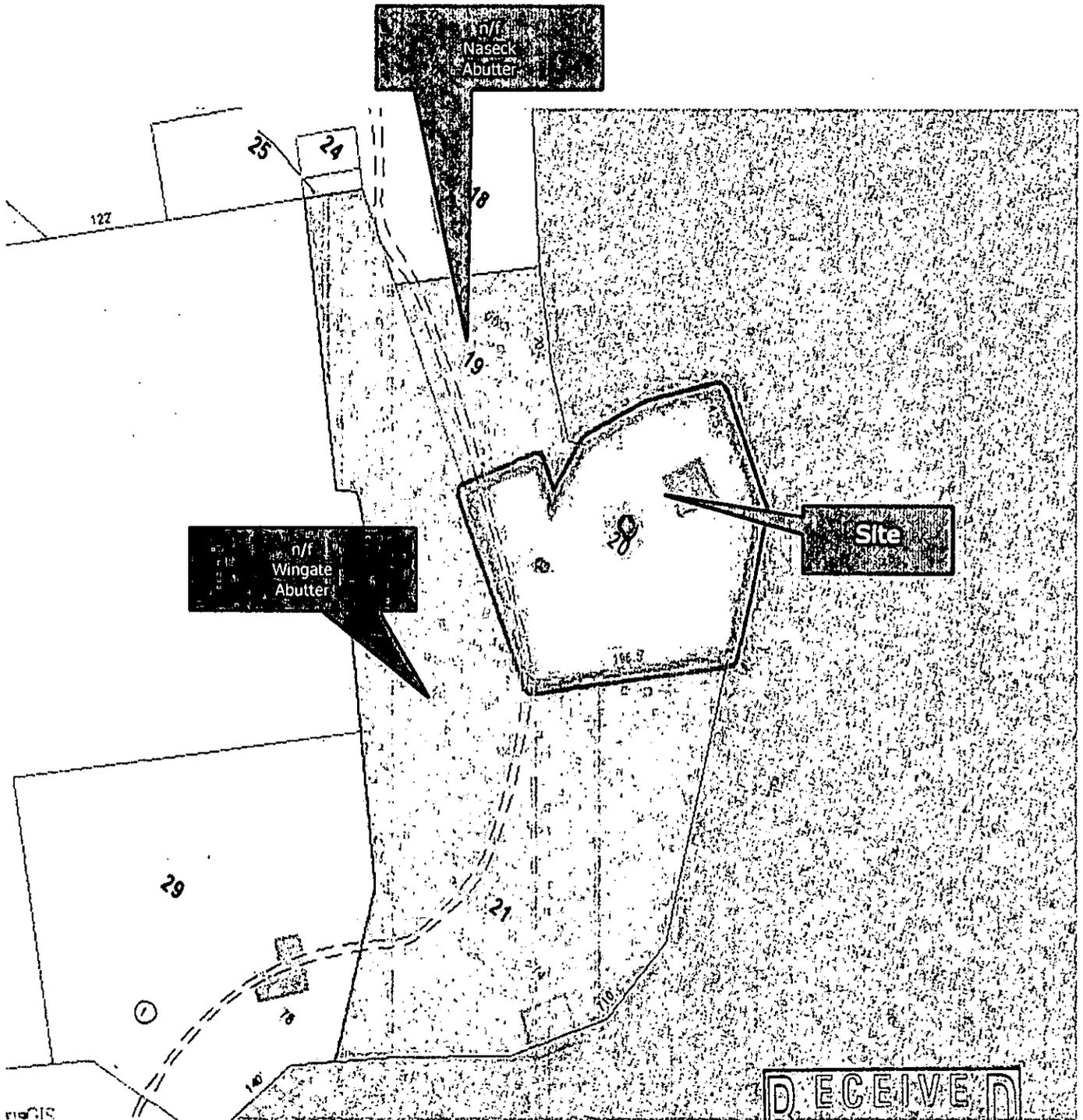
DIRECTIONS FOR APPLICANT:

Submit the single, 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.

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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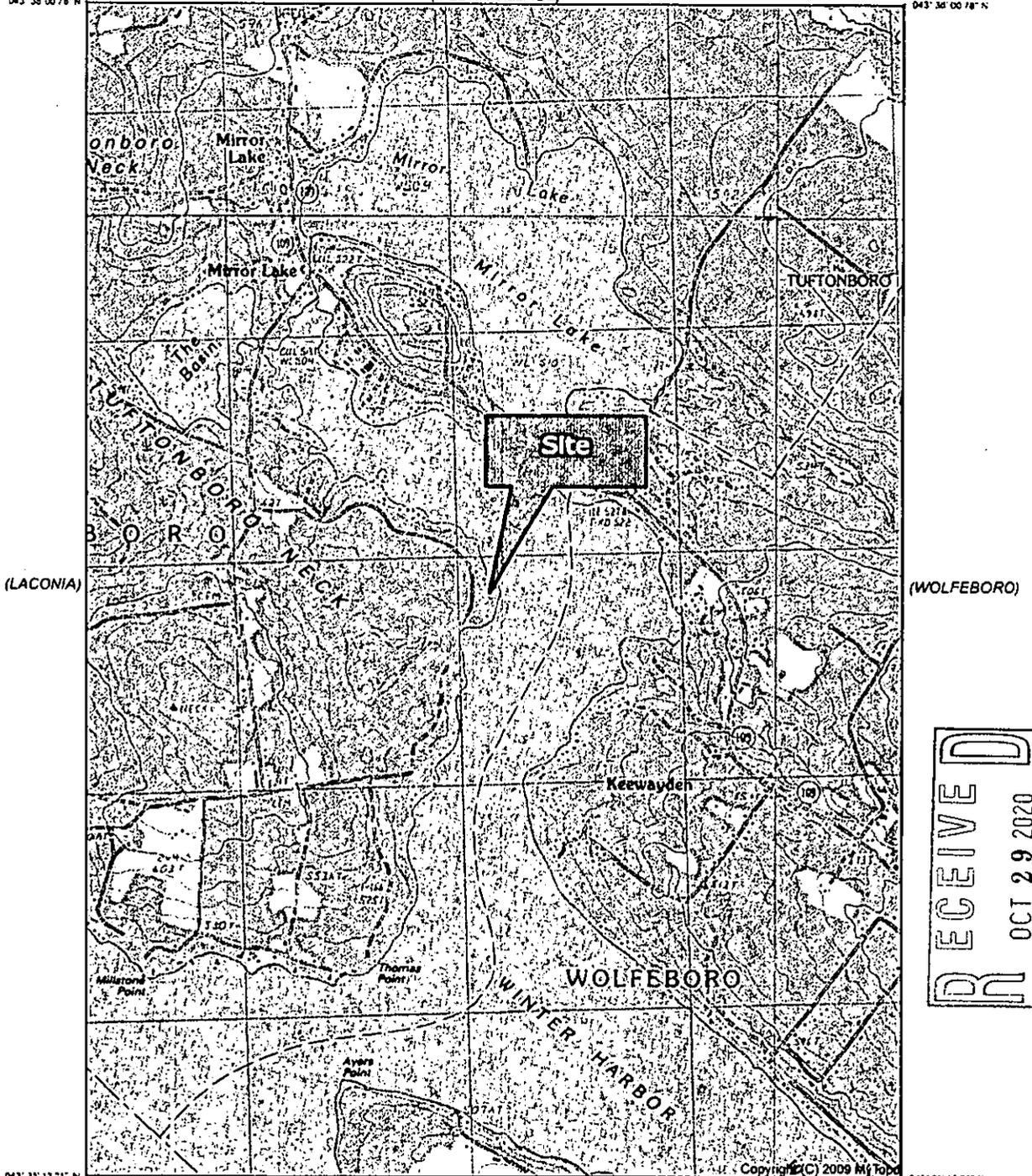


RECEIVED
OCT 29 2020
NH LAKES
LAND RESOURCE

(CENTER HARBOR)

WEST ALTON QUADRANGLE
NEW HAMPSHIRE
TOPOGRAPHIC SERIES (TUFTONBORO)

071° 17' 16.28" W
043° 35' 00.78" N (MELVIN VILLAGE) 071° 14' 32.91" W 043° 30' 00.78" N



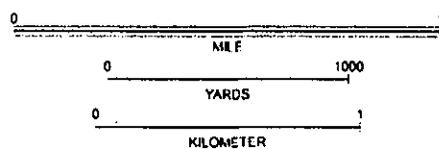
043° 35' 13.21" N 071° 17' 16.28" W (GILMANTON IRONWORKS) SCALE 1:24000 071° 14' 32.91" W 043° 30' 13.21" N

(BELMONT)

(ALTON)

Produced by MyTopo Terrain Navigator
Topography based on USGS 1:24,000
Map
North American 1983 Datum (NAD83)
Transverse Mercator Projection
To place on the predicted North American
1927 move the projection lines 9M N and
39M E

Declination
★
MNGN
GN 1.56° W
MN 15.39° W



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM 1929

RECEIVED
OCT 29 2020
NHDES
LAND RESOURCES MANAGEMENT

Site Map
Not to scale

Shoreland Applications * Wetland Applications * Effluent Disposal System Designs * Project Management
Office: 603-998-0619 * P.O. Box 862, Wolfeboro Falls, NH 03896
www.AdvantageNHLakes.com
AdvantageNHLakes@gmail.com Email



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: Allen Folsom, Advantage NH Lakes
P.O. Box 862

Wolfeboro Falls, NH 03896

From: NH Natural Heritage Bureau

Date: 9/18/2020 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 9/14/2020

NHB File ID: NHB20-2773

Applicant: Allen Folsom

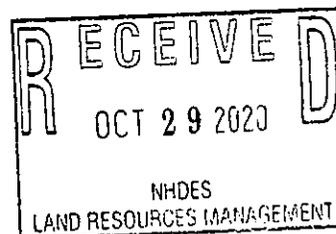
Location: Tuftonboro
Tax Maps: 63-2-20

Project

Description: Proposed replacement of a permanent pier with a seasonal "U" shape pier, an additional seasonal pier and small single family perched beach

The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government.

It was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 9/14/2020, and cannot be used for any other project.

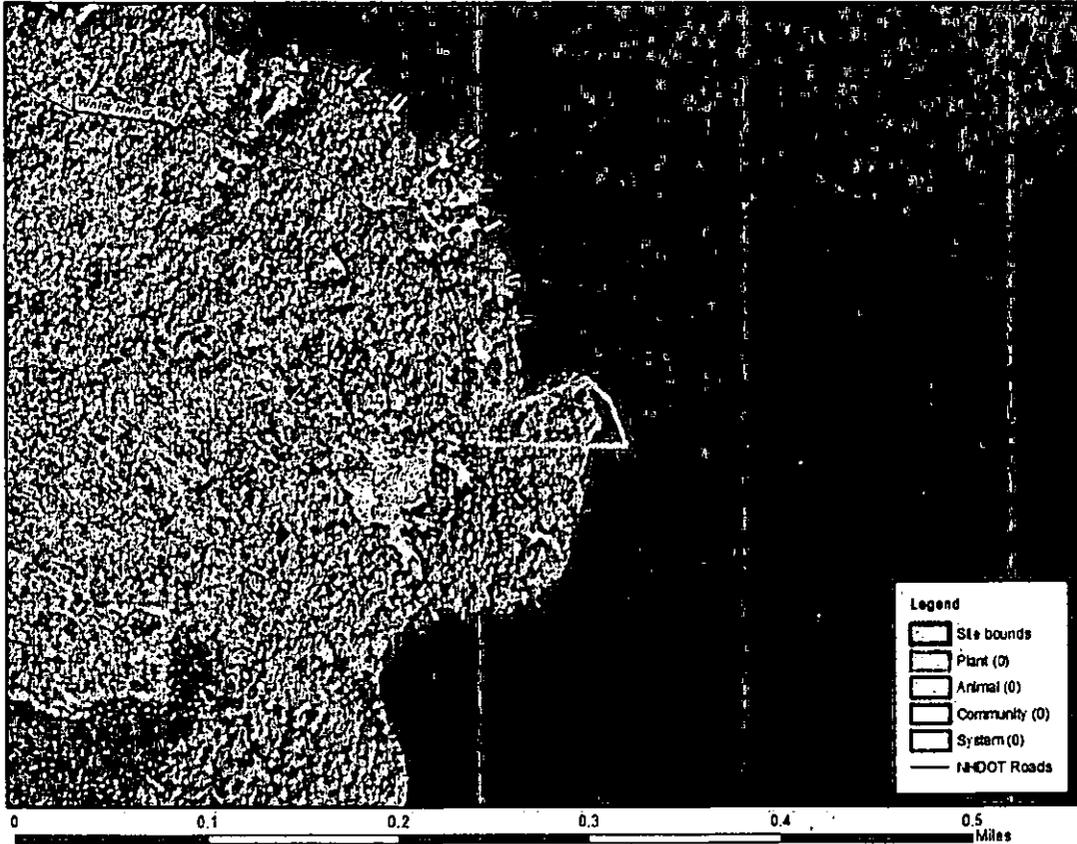




NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

MAP OF PROJECT BOUNDARIES FOR: NHB20-2773

NHB20-2773





10 foot Abutters List Report

Tuftonboro, NH
October 14, 2020

Subject Property:

Parcel Number: 063-002-020-000
CAMA Number: 063-002-020-000
Property Address: 68 WINTER HARBOR WAY

Mailing Address: HERROLD, ANDREW C STEWART,
DANIELLE M

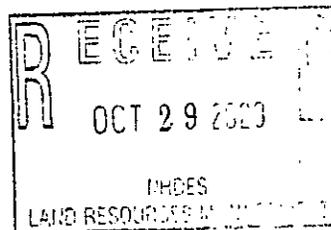
Abutters:

Parcel Number: 063-002-019-000
CAMA Number: 063-002-019-000
Property Address: 66 WINTER HARBOR WAY

Mailing Address: NASECK TRUST

Parcel Number: 063-002-021-000
CAMA Number: 063-002-021-000
Property Address: 74 WINTER HARBOR WAY

Mailing Address: WINGATE, STEPHEN B 2007 TRUST
WINGATE, SUSAN K 2007 TRUST



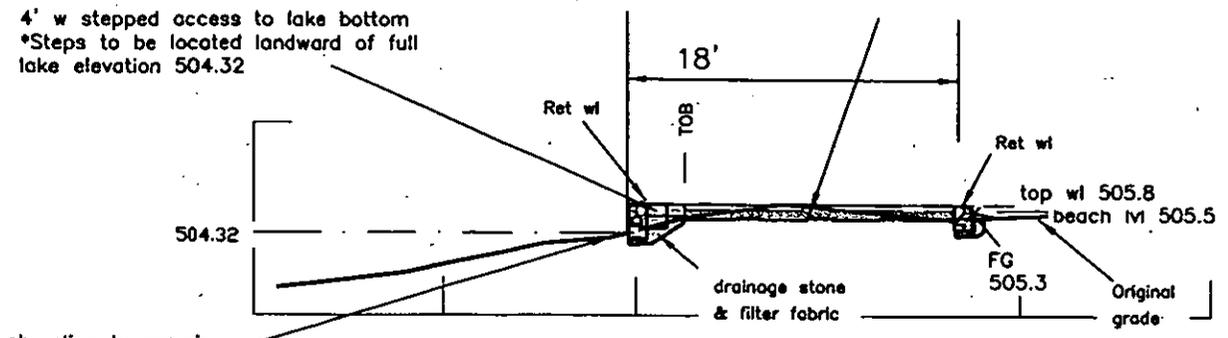
flowage rights (included as abutter)
NH Dept. of Environmental Services
Water Division - Dam Bureau
P.O. Box 95
Concord, NH 03302-0095
Attn: James Gallagher



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

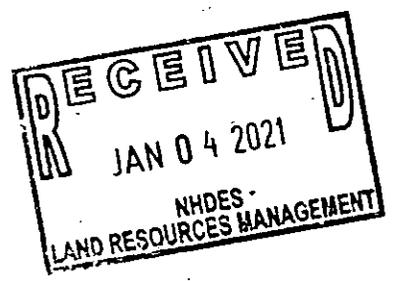
Proposed Perched Beach
 Placed above and behind full lake elevation with 4' w stepped access to lake bottom. 0% slope
 240 sf total, 38 sf "Bank" impact.
 10 cu. yds sand. Elev 505.5
 Temp impact to facilitate construction = 48 sf. Back walls with drainage stone and filter fabric to prevent erosion



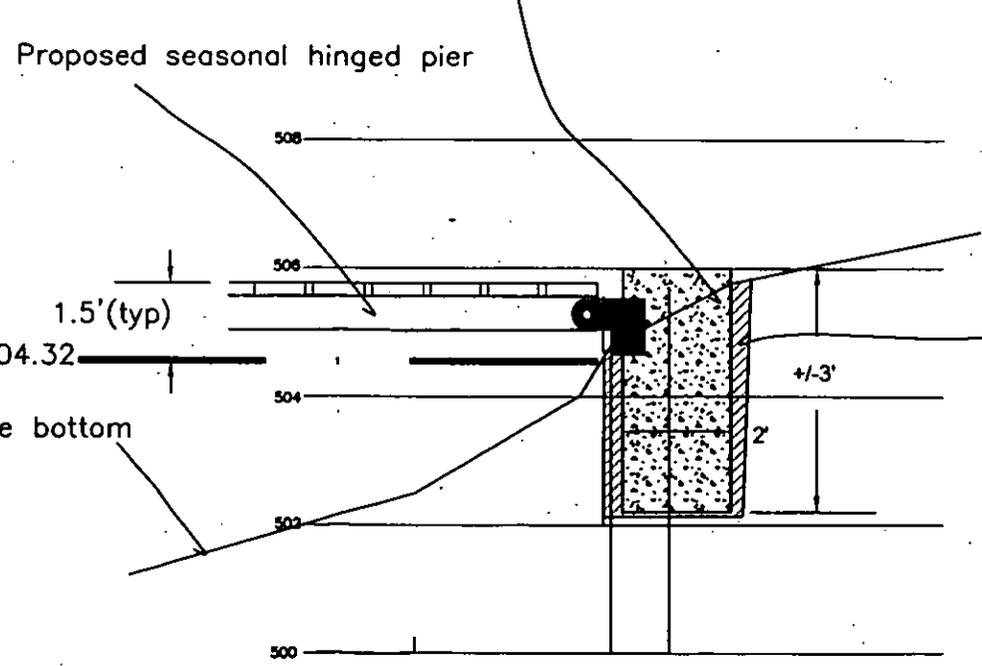
4' w stepped access to lake bottom
 *Steps to be located landward of full lake elevation 504.32

Natural shoreline to remain to the greatest extent possible to either side of stepped access. Beach to be placed above and behind full lake elevation at shore

BEACH DETAIL
 SCALE = 1" = 10'
 0 10



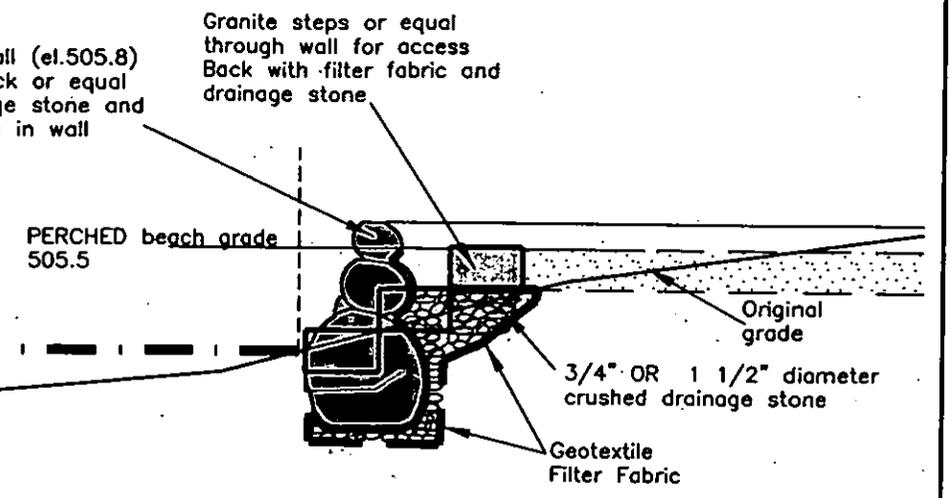
Proposed Concrete Anchoring Pad
 Top pad el. 506.0. Pad located completely behind full lake.



HINGE DETAIL FOR ANCHORING BLOCK
 TYPICAL DETAIL - NOT TO SCALE

Rock retaining wall (el. 505.8)
 Utilize natural rock or equal back with drainage stone and filter fabric. Toe in wall

Full Lake El. 504.32



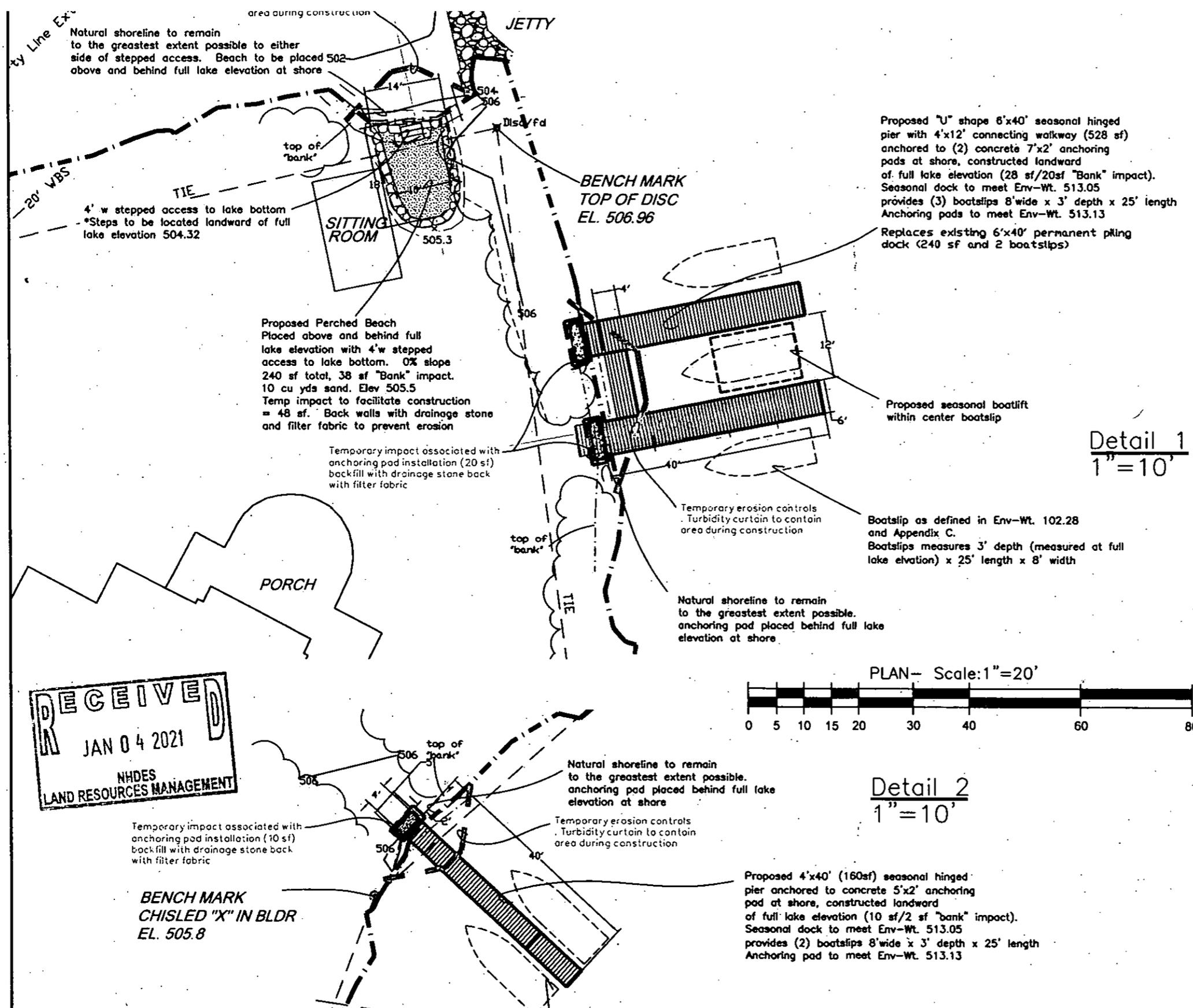
ROCK WALL DETAIL AT STEPPED ACCESS
 TYPICAL DETAIL - NOT TO SCALE

12-21-2020 Revise per NHDES RFMI Request

Wetlands Bureau Application Plan Prepared for: Andrew & Danielle Herrold 68 Winter Harbor Way Tuftonboro, NH Lake Winnepesaukee Map & Lot #s: Map 63 Block 2 Lot 20		DETAILS
Prepared by: ADVANTAGE NH LAKES Advantage NH Lakes P.O. Box 862, Wolfeboro Falls, NH 03896 (603) 998-0619 phone advantagenhlakes@gmail.com email		
As noted	Date: 10-24-2020	Drawn By: Allen Folsom

Note:
 1. This plan was prepared for the purpose of a NHDES Wetlands Bureau Application. This is NOT a survey. The data has derived from available information such as deed, property monuments, town tax info, etc and is approximate. Property lines not having been verified, no representation or certification as to the accuracy of those shown is implied or intended. Property lines should be verified in field by licensed surveyor prior to construction. This responsibility shall be the owners.





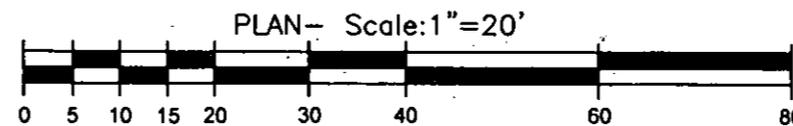
Proposed "U" shape 6'x40' seasonal hinged pier with 4'x12' connecting walkway (528 sf) anchored to (2) concrete 7'x2' anchoring pads at shore, constructed landward of full lake elevation (28 sf/20sf "Bank" impact). Seasonal dock to meet Env-Wt. 513.05 provides (3) boatslips 8' wide x 3' depth x 25' length Anchoring pads to meet Env-Wt. 513.13

Replaces existing 6'x40' permanent piling dock (240 sf and 2 boatslips)

Proposed seasonal boatlift within center boatslip

Detail 1
1" = 10'

Boatslip as defined in Env-Wt. 102.28 and Appendix C. Boatslips measures 3' depth (measured at full lake elevation) x 25' length x 8' width



Detail 2
1" = 10'

Proposed 4'x40' (160sf) seasonal hinged pier anchored to concrete 5'x2' anchoring pad at shore, constructed landward of full lake elevation (10 sf/2 sf "bank" impact). Seasonal dock to meet Env-Wt. 513.05 provides (2) boatslips 8' wide x 3' depth x 25' length Anchoring pad to meet Env-Wt. 513.13

Constructed using robust and reliable components, these barriers actively work to contain silt, turbidity and displaced particles around your site. Type I curtains are typically recommended for use in water locations with calm conditions.

Applications:

- Marine Construction Sites
- DOT Road Repair
- Small Pond or Lake Work Activities
- Marinas and Harbors
- Calm Water Silt and Turbidity Control

Advantages:

- Economical Silt Control
- Easy to Connect and Install
- Helps Keeps Sites in Compliance
- Effective Control in Shallow or Slow Moving Areas

Accessories are an important component to the installation of any silt curtain or barrier in order to maximize effectiveness.

Turbidity Curtain Accessories:

- Anchor Kits
- Buoys
- Marker Lights
- Tow Bridges

Importance of Anchoring:

Anchoring and anchor kits are one of the most important accessories for sites dealing with moving currents, waves, tides or other site factors. Having the right anchor pattern, installation design and anchors can significantly influence, reduce and redistribute loads placed on your barrier. Contact our technical team (+1 772.646.0597) for more information regarding anchor placement and use.



Construction Sequence:

1. Utilize appropriate erosion controls such as a turbidity curtain to surround work area and remain until all areas are stabilized.
2. Excavate for the concrete anchoring pads at shoreline (landward of el. 504.32). Remove material from site and dispose of in an upland off site location.
3. Utilize concrete forms or plywood forms to frame pad area. Insert bolts through form that will accept hinge plate on face of pad once concrete is poured. Pour concrete pad.
4. Once concrete has set, remove forms and backfill. Back with filter fabric and drainage stone to prevent any potential future erosion.
5. Seasonal dock (constructed off-site) to be installed per approved dimensions. Measurement to be taken from approved plan for perched beach area. Utilize appropriate erosion controls such as a turbidity curtain to surround work area and remain until all areas are stabilized.
6. Construct perched beach at 0% grade surrounded by rock wall. Back rock walls and steps with drainage stone and filter fabric to prevent any potential future erosion. Once walls have been constructed place beach sand.
6. Erosion controls to be removed once areas have settled.

Note: No trees are required to be cut to facilitate project

12-21-2020 Revise per NHDES RFMI Request

	<p>Wetlands Bureau Application Plan Prepared for: Andrew & Danielle Herrold 68 Winter Harbor Way Tuftonboro, NH Lake Winnepesaukee Map & Lot #s: Map 63 Block 2 Lot 20</p>	<p>PLAN DETAILS 20 Scale</p>
	<p>Prepared by: ADVANTAGE NH LAKES Advantage NH Lakes P.O. Box 862, Wolfeboro Falls, NH 03896 (603) 998-0619 phone advantagenhlakes@gmail.com email</p>	

As noted	Date: 10-24-2020	Drawn By: Allen Folsom
1929 NGVD	File # Herrold2020	Sheet:

P3

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NHDES
LAND RESOURCES MANAGEMENT

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2. All structural information should be verified by an engineer prior to construction.

