



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



**Robert R. Scott, Commissioner**

June 29, 2020

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

**REQUESTED ACTION**

Approve the Todd A. Berkowitz Rev Trust's request to perform the following work on Lake Winnepesaukee in Gilford. File # 2020-00533. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Permanently abandon and remove 60 linear feet of breakwater in an "L" configuration, a 4 foot x 30 foot cantilevered pier, a 3 foot x 30 foot piling pier, a 6 foot x 36 foot walkway, 2 tie-off pilings, and a seasonal canopy, and dredge 7.4 cubic yards of accumulated sand from 318 square feet of lakebed, fill 700 square feet of lakebed to construct 46 linear feet of breakwater, in an "I" configuration, with a 10 foot gap at the shoreline, and a 3 foot x 32 foot cantilevered pier, a 2.5 foot x 32 foot piling pier, and a 6 foot x 34 foot piling pier connected by a 3 foot x 29.5 foot walkway in a "W" configuration and accessed by a 6 foot wide walkway over the bank, install a 14 foot x 30 foot seasonal canopy and two seasonal personal watercraft lifts on an average of 169 feet of frontage along Lake Winnepesaukee.

The New Hampshire Department of Environmental Services (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 approved plans by Advantage NH Lakes dated March 15, 2020, as received by the NH Department of Environmental Services (NHDES) on March 18, 2020.
2. This permit shall not be effective until it has been recorded in the Belknap County Registry of Deeds and a copy of the recorded permit has been provided to the NHDES as required pursuant to RSA 482-A:3, and Env-Wt 314.02.
3. 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.
4. 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).
5. Work shall be carried out in a time and manner such that there are no discharges in or to fish or shellfish spawning or nursery areas during spawning seasons as required pursuant to Env-Wt 307.04. Impacts to such areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.

[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

6. 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.
7. All dredged 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.
8. 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 required pursuant to Env-Wt 307.03(a).
9. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, the 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.
10. 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.
11. Only those structures shown on the approved plans shall be installed or constructed along this frontage as required per Env-Wt 513.22, (a).
12. All portions of the docking structures, including the breakwater toe-of-slope, 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.
13. No portion of breakwater as measured at normal full lake (Elev. 504.32) shall extend more than 50 feet from normal full lake shoreline.
14. The breakwater shall not exceed 3 feet in height (Elev. 507.32) over the normal high water line (Elev. 504.32) as required per Env-Wt 512.04, (a).
15. The width as measured at the top of the breakwater (Elev. 507.32) shall not exceed 3 feet as required per Env-Wt 512.04, (c).
16. No portion of the docking structures shall extend more than 45 feet from the shoreline at full lake elevation (Elev. 504.32) pursuant to Env-Wt 513.22, (a).
17. All seasonal watercraft lifts shall be removed for the non-boating season as required per Env-Wt 513.22.
18. The canopy, including the support frame and cover, shall be designed and constructed to be readily removed at the end of the boating season and shall be removed for the non-boating season as required per Env-Wt 513.19.
19. Pursuant to Env-Wt 102.33 and Env-Wt 513.19, (a) no sides may be attached to, or hung beneath any seasonal canopy.
20. Owners of permanent docking structures which are not maintained so as to be structurally sound and usable for their intended purpose, shall remove those docking structures in accordance with Env-Wt 513.22(c), to prevent hazards to public safety, navigation, and recreation.
21. No agitating or heating device shall be installed for the purpose of inhibiting the formation of ice in proximity to the approved structures unless it has been registered with the municipal clerk of the town in which such device shall be operated pursuant to RSA 270:34 Registration Required.

22. Pursuant to RSA 270:33, Heating, Agitating, or Other Devices in Public Waters; Safety Hazard, no agitating or heating device installed in accordance with RSA 270:34 shall inhibit or prevent the natural formation of ice in such a manner as to impede either the ingress or egress to or from the ice from any property other than that of the owner of the device.

#### EXPLANATION

The NHDES approved this project on May 22, 2020. The NHDES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 512.06, construction of a breakwater.
2. The applicant has an average of 169 feet of frontage along Lake Winnepesaukee.
3. A maximum of 3 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 3 slips as defined per RSA 482-A:2, VIII, and therefore meets Rule Env-Wt 513.12.
5. The construction of a breakwater to provide safe docking at this site is justified in accordance with Rule Env-Wt 512.02, Approval Criteria for Breakwaters, (b).
6. The original breakwater design protected watercraft on the frontage from easterly wind events.
7. The redesigned breakwater will provide protection from the prevailing northwest winds.
8. 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.

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: Berkowitz

TOWN NAME: Gilford

			File No: <u>2020-00533</u>
			Check No.: <u>2879</u>
			Amount: <u>\$400</u>
			Initials: <u>LSL</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 #: NHB20-0152
- 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 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.  
 Same as applicant

NAME:

MAILING ADDRESS:

TOWN/CITY:	STATE:	ZIP CODE:
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EMAIL ADDRESS:	FAX:	PHONE:
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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). See all package information supplied. Some specific items are addressed below;

- \*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 Breakwaters Criteria specified in Env-Wt 512
- \*The project is designed pursuant to Env-Wt 512, is shown on Appendix D 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 Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet.

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

**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 \*\* (reduction in existing impacts)

**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 \*\* (reduction in existing impacts)

**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).

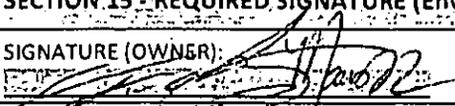
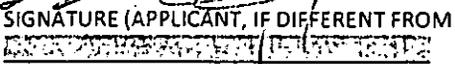
Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

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	-250		<input type="checkbox"/>	320		<input type="checkbox"/>
	Docking - Lake / Pond	+40		<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank/shoreline - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
<b>TOTAL</b>		-220			320		

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

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

www.des.nh.gov

<b>SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)</b>		
<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):	1 SF	x \$0.40 = \$ 0.40
Seasonal docking structure:	1 SF	x \$2.00 = \$ 2.00
Permanent docking structure:	210 SF	x \$4.00 = \$ 840.00
Projects proposing shoreline structures (including docks) add \$400 =		\$ 400.00
Total =		\$ 1282.40
The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 400		
<b>SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)</b>		
Indicate the project classification.		
<input type="checkbox"/> Minimum Impact Project	<input type="checkbox"/> Minor Project	<input checked="" type="checkbox"/> Major Project
<b>SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)</b>		
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: TB	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: TB	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>Deny the application.</li> <li>Revoke any approval that is granted based on the information. And</li> <li>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 trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.</li> </ul>	
Initials: TB	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.	
<b>SECTION 15 - REQUIRED SIGNATURE (Env-Wt 311.04(d); Env-Wt 311.11)</b>		
SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: Todd Berkowitz	DATE: 2/03/2020
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: Maureen Berkowitz	DATE: 2/03/2020
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Allen Folsom	DATE: 3/18/2020

<b>SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))</b>	
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>Sandra Belana Depina</i>	PRINT NAME LEGIBLY: <i>Sandra Belana Depina</i>
TOWN/CITY: <i>Gilford</i>	DATE: <i>3/16/20</i>

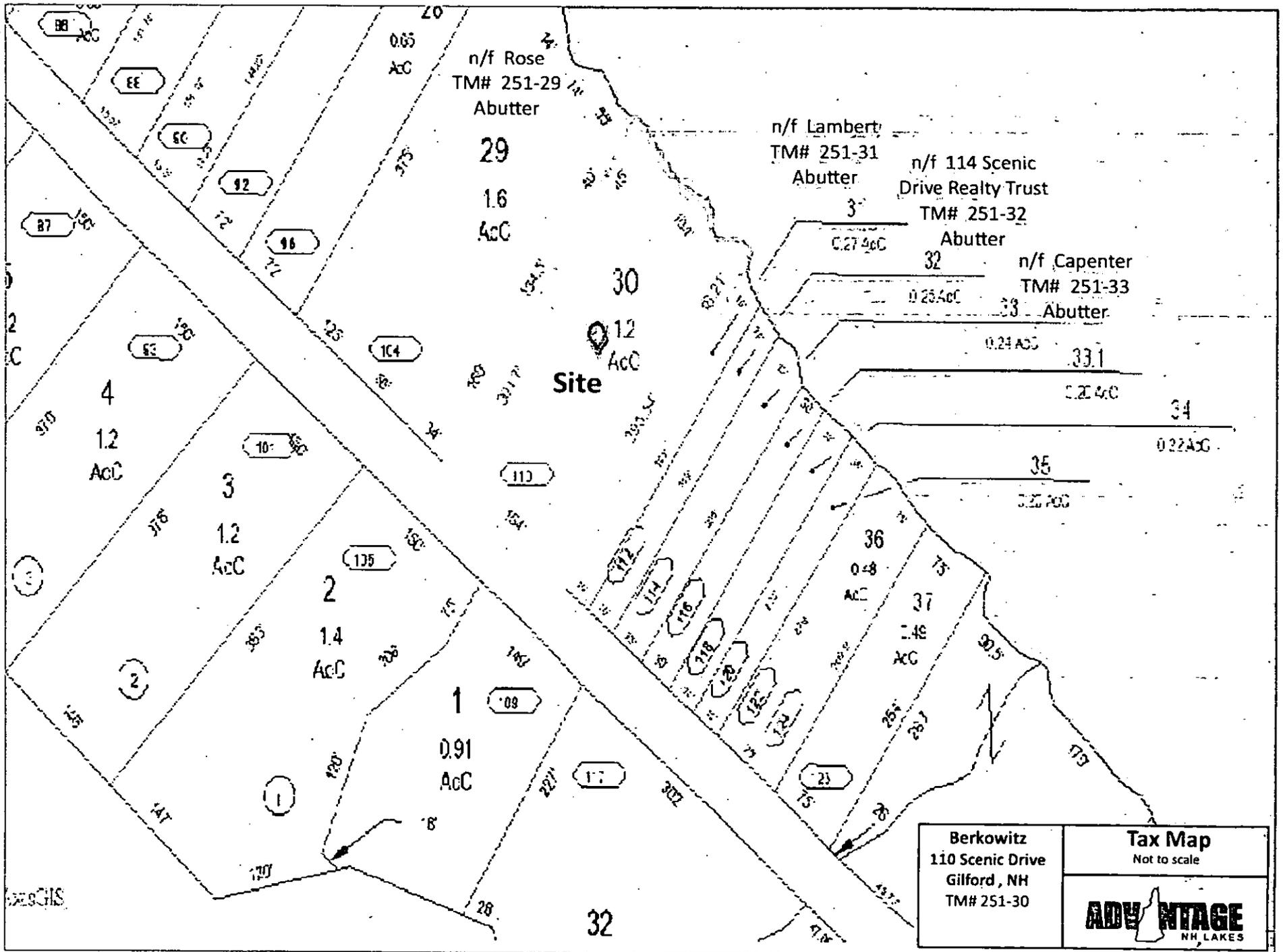
**DIRECTIONS FOR TOWN/CITY CLERK:**

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.



Berkowitz  
110 Scenic Drive  
Gilford, NH  
TM# 251-30

<b>Tax Map</b>	
Not to scale	
<b>ADVANTAGE</b> NH LAKES	

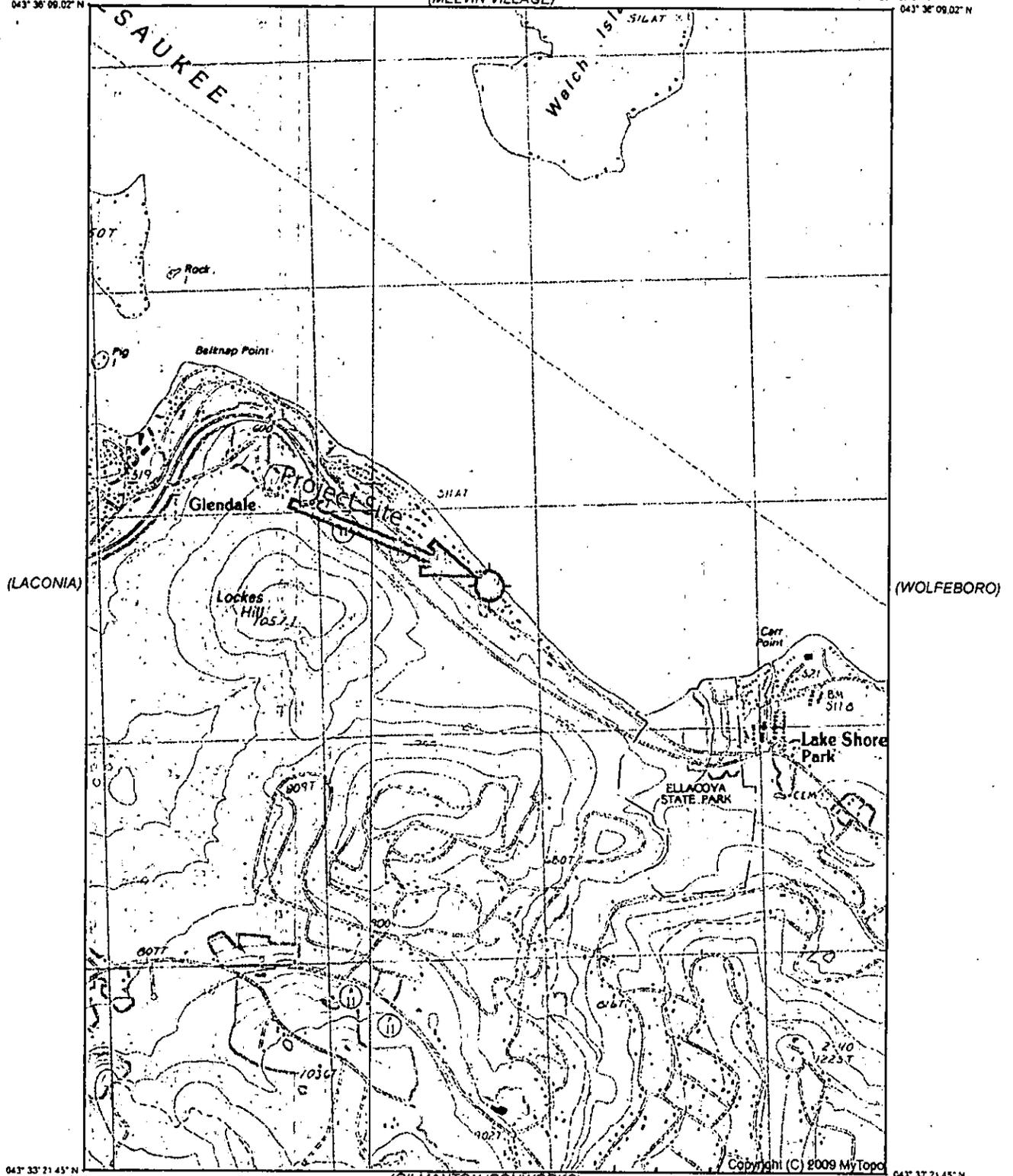
(CENTER HARBOR)

WEST ALTON QUADRANGLE  
NEW HAMPSHIRE  
TOPOGRAPHIC SERIES (TUFTONBORO)

071° 23' 28.40" W  
043° 36' 09.02" N

(MELVIN VILLAGE)

071° 20' 43.12" W  
043° 36' 09.02" N



043° 33' 21.45" N  
071° 23' 28.40" W

(GILMANTON IRONWORKS)

Copyright (C) 2009 MyTopo  
071° 20' 43.12" W  
043° 32' 21.45" N

(BELMONT)

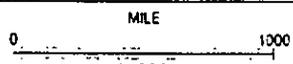
(ALTON)

Declination

MNGN

GN 1.63° W  
MN 15.33° W

SCALE 1:24000



0 1  
KILOMETER  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM 1929

Produced by MyTopo Terrain Navigator  
Topography based on USGS 1:24,000  
Maps

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

Berkowitz  
110 Scenic Drive  
Gilford, NH  
TM# 251-30

Site Map  
Not to scale





## New Hampshire Natural Heritage Bureau

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**To:** Allen Folsom  
P.O. Box 862  
Wolfeboro Falls, NH 03896

**Date:** 1/14/2020

**From:** NH Natural Heritage Bureau

**Re:** Review by NH Natural Heritage Bureau of request dated 1/14/2020  
NHB File ID: NHB20-0152

**Applicant:** Allen Folsom

**Location:** Tax Map(s)/Lot(s): 251-30  
Gilford

**Project Description:** Make changes to an existing dock and breakwater and  
provide dredging of boatslips

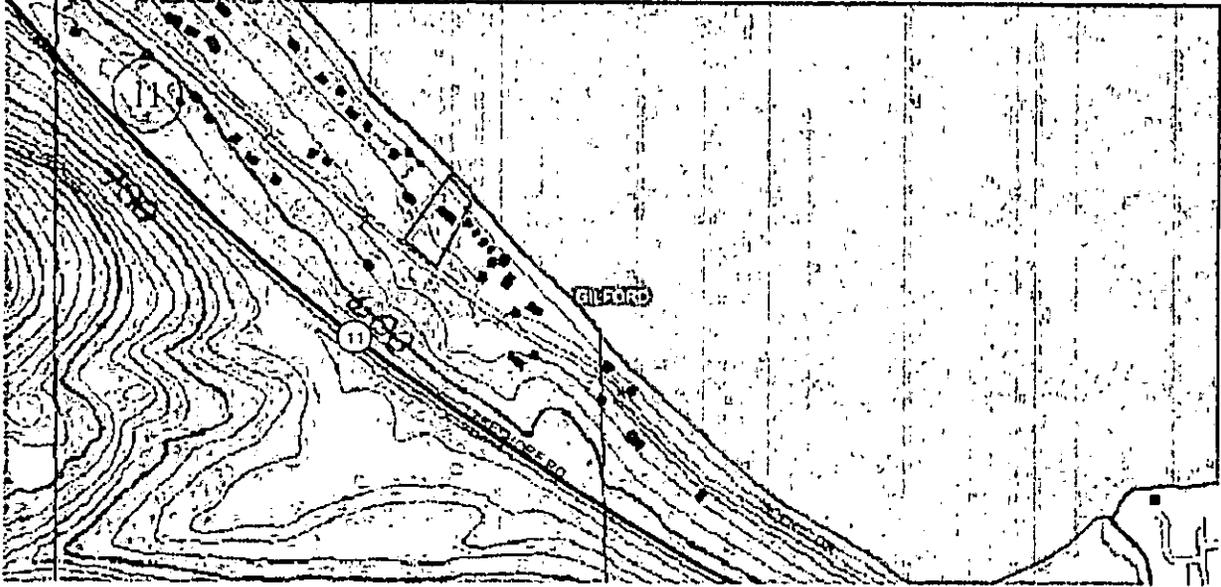
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 1/13/2021.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB20-0152





# 75 foot Abutters List Report

Gilford, NH  
November 19, 2019

Abutters list (Env-Wt 311.03 (b)(12))

## Subject Property:

Parcel Number: 251-030-000  
CAMA Number: 251-030-000  
Property Address: 110 SCENIC DR

Mailing Address: BERKOWITZ, TODD A REV TRUST ROY-  
BERKOWITZ, MAUREEN REV TRST  
PO BOX 1260  
ROCHESTER, NH 03866

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## Abutters:

Parcel Number: 251-029-000  
CAMA Number: 251-029-000  
Property Address: 104 SCENIC DR

Mailing Address: ROSE, ALAN D & JANET CLIFT

Parcel Number: 251-031-000  
CAMA Number: 251-031-000  
Property Address: 112 SCENIC DR

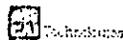
Mailing Address: LAMBERT, EDITH J 2001 TRUST

Parcel Number: 251-032-000  
CAMA Number: 251-032-000  
Property Address: 114 SCENIC DR

Mailing Address: 114 SCENIC DR REALTY TRUST  
KILPATRICK, SARAH MULLER TRUSTEE

Parcel Number: 251-033-000  
CAMA Number: 251-033-000  
Property Address: 116 SCENIC DR

Mailing Address: CARPENTIER FAMILY GILFORD TRUST  
CARPENTIER, ROBERT P TRUSTEE



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.

11/19/2019

Page 1 of 1

Associates, Inc. Bedford, NH.  
 2. Shoreland Impact permit 2017-02938  
 3. Wetlands Approval 2004-01620

TM# 251-29  
 Abutter

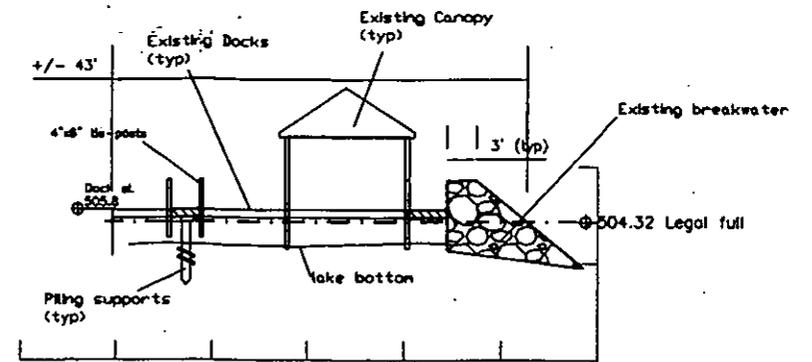
504.32

Approx Property Line Ext

Prevailing wind

20' WBS

50'



Existing section  
 Scale: 1"=20'

"Scenic Road"  
**Lake Winnepesaukee**  
 Lake full El. 504.32

Shorefront Calculation -NHDES Method  
 +/- 174' by the shore  
 +/- 164' tie  
 +/- 338' /2= 169' of average  
 shoreline frontage

Legend

- Existing building
- Approximate Property Line
- Full Lake elevation
- Denote Photo Locations, sequence and direction
- Property monument Found
- Existing breakwater
- Existing dock
- Existing deciduous tree
- Existing evergreen tree

**RECEIVED**  
 MAR 18 2020  
 NHDES  
 LAND RESOURCES MANAGEMENT

Existing breakwater and woodframe  
 docks and seasonal canopy  
 Dock/breakwater #2000-02330  
 Canopy and pwc lifts # 2004-01620  
 (Approx +/-950 sf breakwater/ 410 sf docks  
 / 420 sf canopy)

TM# 251-30  
 110 Scenic Drive  
 SUBJECT PARCEL  
 Berkowitz

Reference Line  
 Lake Full elevation 504.32

Approx Property Line Ext



Wetlands Bureau Application Plan  
 Prepared for:  
**Todd Berkowitz**  
 110 Scenic Drive, Gilford, NH  
 Lake Winnepesaukee  
 Map & Lot #'s: Map 251 Lot 30

Prepared by:  
**ADVANTAGE**  
 NH LAKES  
 Advantage NH Lakes  
 P.O. Box 862, Wolfeboro Falls, NH 03896  
 (603) 998-0619 phone [advantagenhlakes@gmail.com](mailto:advantagenhlakes@gmail.com) email

Drawing Scale: As noted  
 Date: 3-15-2020  
 Drawn By: Allen Folsom

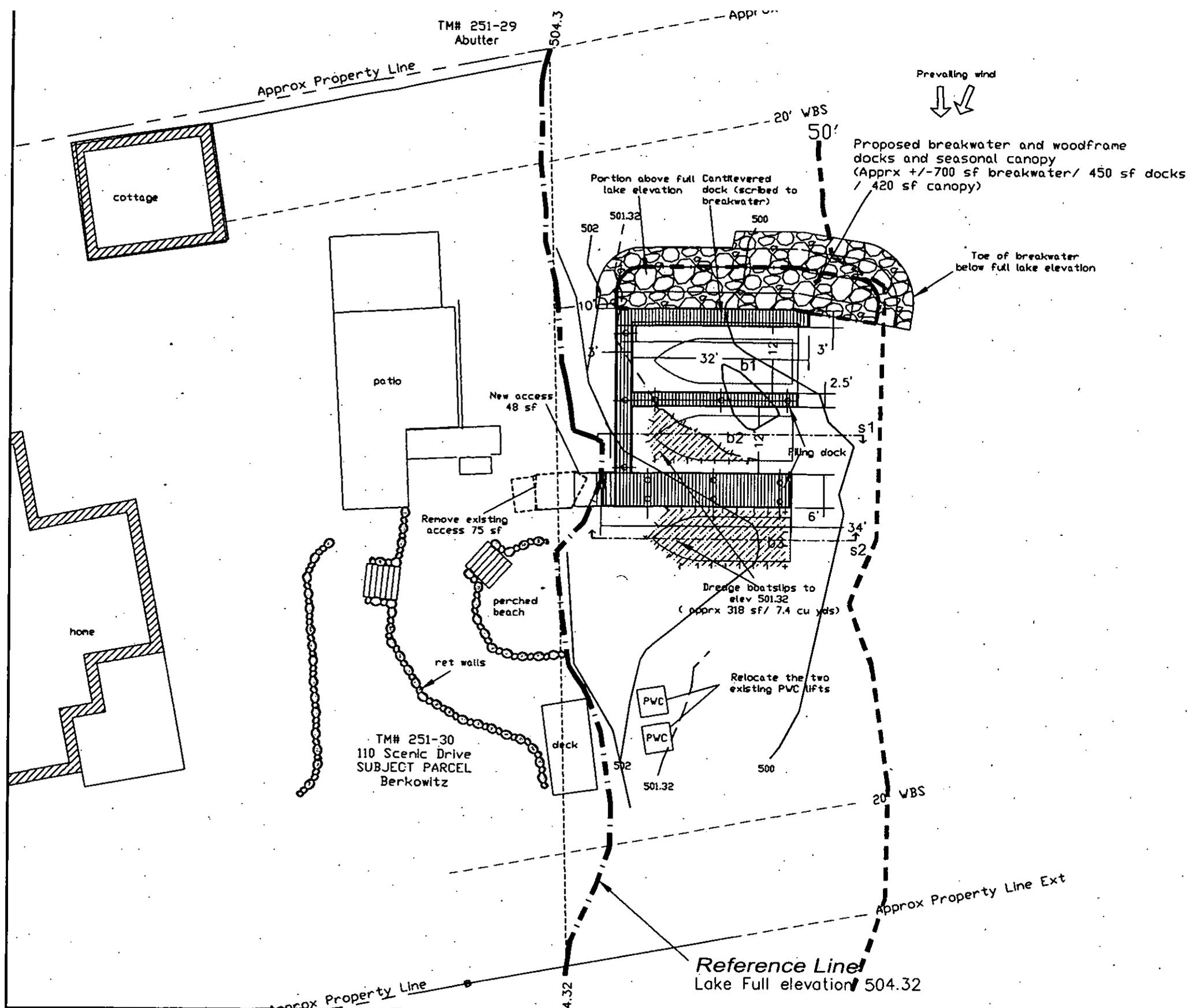
Note:  
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PLAN- Scale: 1"=20'



EXISTING CONDITIONS

**D1**



Proposal results in the REDUCTION of permanent impacts over public waters by 250 square feet of breakwater material while providing for three boatslips. Increase in dock square feet of 40 sf. TOTAL reduction in impacts = 210 square feet.

This is the LEAST IMPACTING ALTERNATIVE to provide for three boatslips

Legend

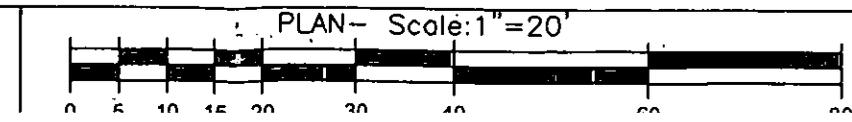
- Existing building
- Approximate Property Line
- Full Lake elevation
- Denote Photo Locations, sequence and direction
- Property monument Found
- Proposed breakwater
- Proposed dock
- Existing deciduous tree
- Existing evergreen tree

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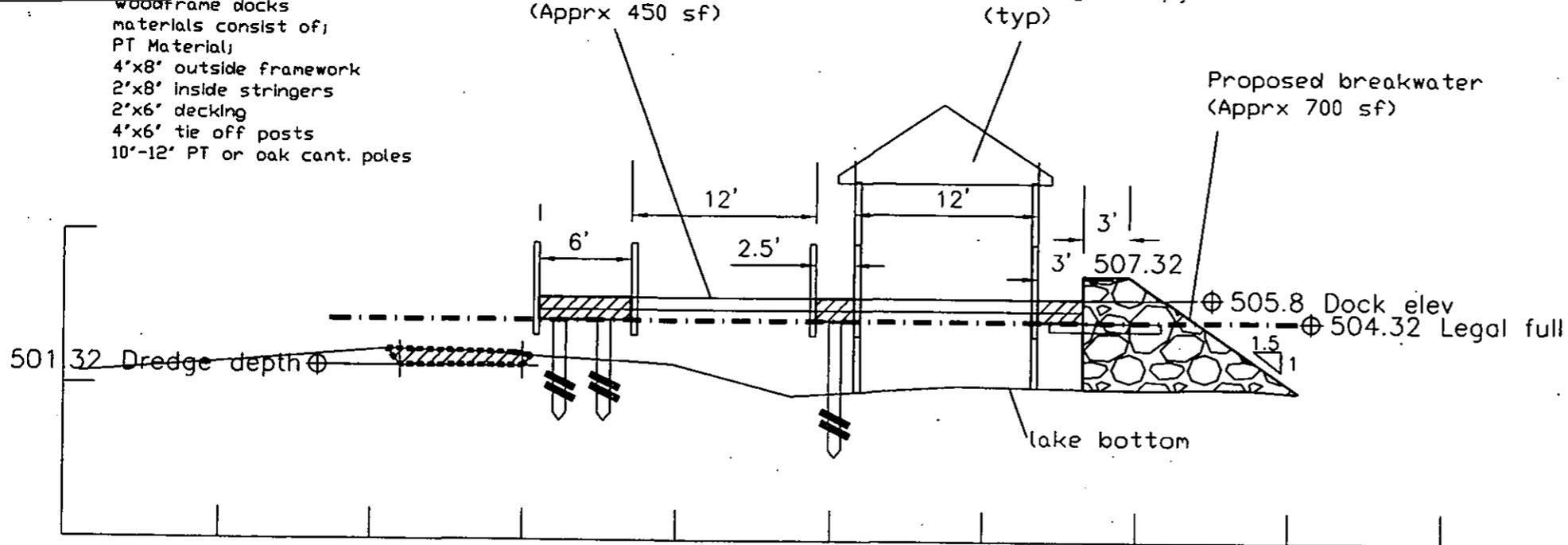
- Note:
- Utilize appropriate erosion controls per Env-Wt 304.06 to remain until all areas are stabilized.
  - No trees are required to be cut to facilitate project

 Mag North (per ref #1)	Wetlands Bureau Application Plan Prepared for: <b>Todd Berkowitz</b> 110 Scenic Drive, Gilford, NH Lake Winnepesaukee Map & Lot #'s: Map 251 Lot 30		<b>PROPOSED CONDITIONS</b>
	Prepared by:  Advantage NH Lakes P.O. Box 862, Wolfeboro Falls, NH 03896 (603) 998-0619 phone <a href="mailto:advantagenhlakes@gmail.com">advantagenhlakes@gmail.com</a> email		
Drawing Scale: As noted	Date: 3-15-2020	Drawn By: Allen Folsom	<b>P2</b>
1929 NGVD	File # Berkowitz19	Sheet: 2 of 4	

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

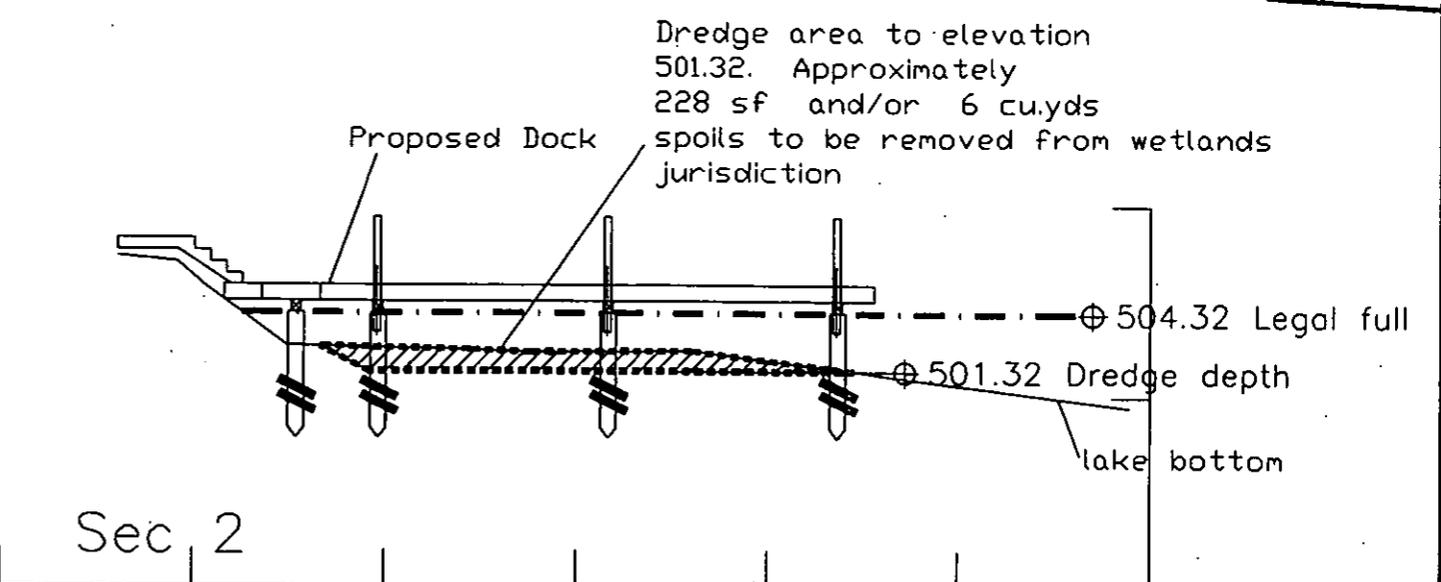
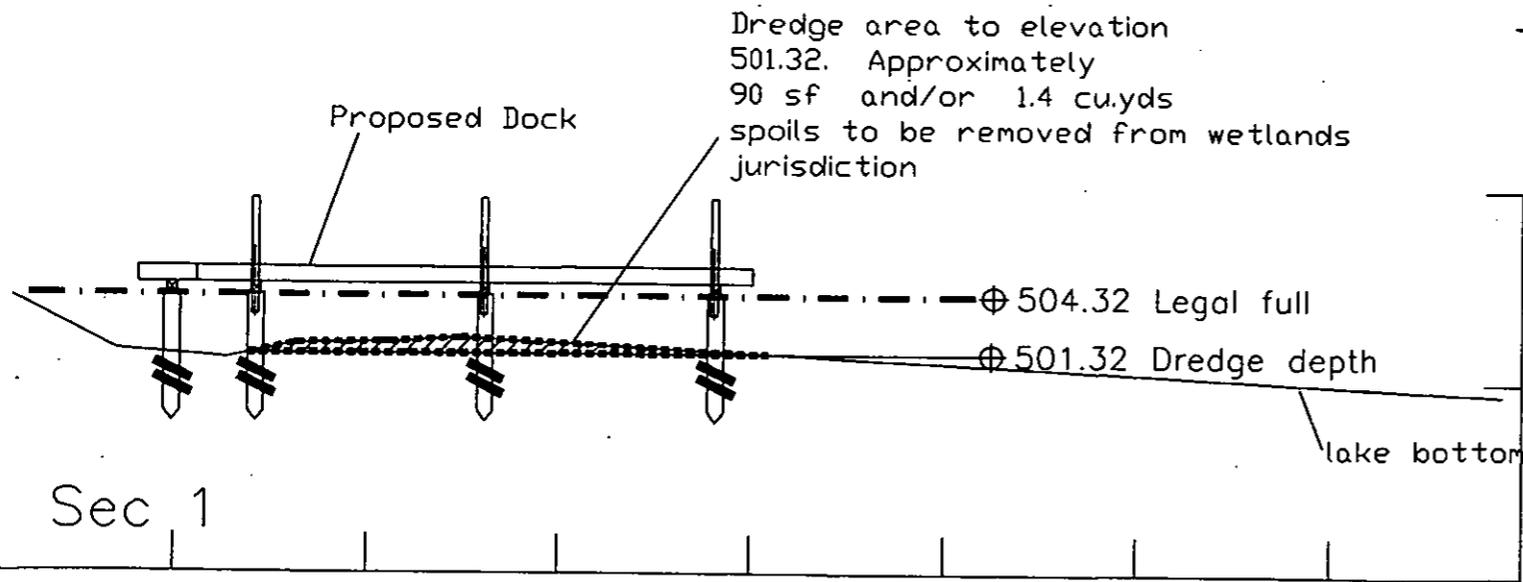


woodframe docks  
materials consist of;  
PT Material;  
4"x8" outside framework  
2"x8" inside stringers  
2"x6" decking  
4"x6" tie off posts  
10'-12' PT or oak cant. poles



Dock Section  
1"=10'  
0 10

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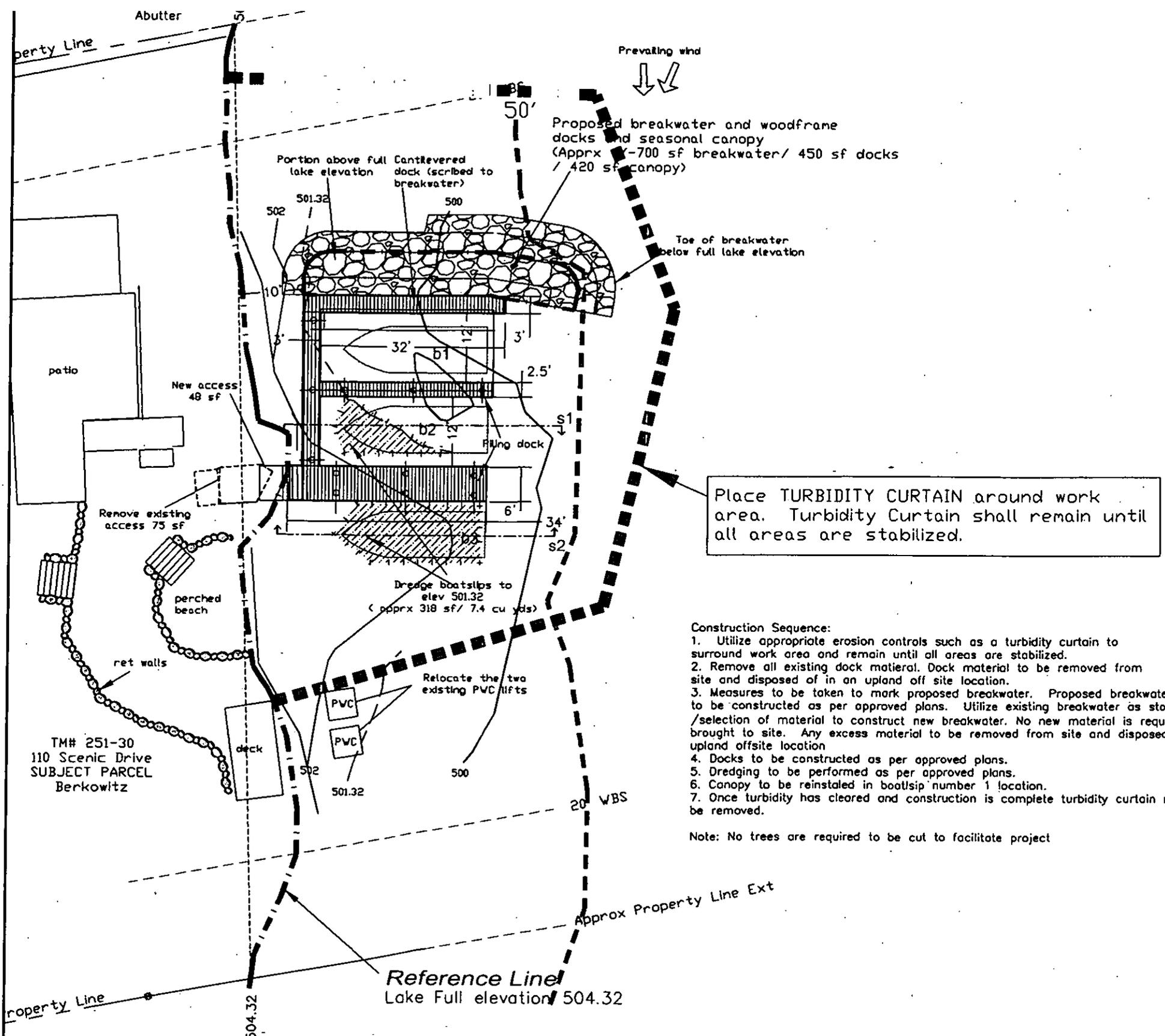


Dredge Sections  
1"=10'  
0 10

 Mag North (per ref#1)	Wetlands Bureau Application Plan Prepared for: <b>Todd Berkowitz</b> 110 Scenic Drive, Gilford, NH Lake Winnepesaukee Map & Lot #'s: Map 251 Lot 30	CROSS SECTIONS
	Prepared by:  Advantage NH Lakes P.O. Box 862, Wolfeboro Falls, NH 03896 (603) 998-0619 phone <a href="mailto:advantagenhlakes@gmail.com">advantagenhlakes@gmail.com</a> email	

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Place TURBIDITY CURTAIN around work area. Turbidity Curtain shall remain until all areas are stabilized.

- Construction Sequence:**
1. Utilize appropriate erosion controls such as a turbidity curtain to surround work area and remain until all areas are stabilized.
  2. Remove all existing dock material. Dock material to be removed from site and disposed of in an upland off site location.
  3. Measures to be taken to mark proposed breakwater. Proposed breakwater to be constructed as per approved plans. Utilize existing breakwater as stockpile of material /selection of material to construct new breakwater. No new material is required to be brought to site. Any excess material to be removed from site and disposed of in an upland offsite location
  4. Docks to be constructed as per approved plans.
  5. Dredging to be performed as per approved plans.
  6. Canopy to be reinstated in boatslip number 1 location.
  7. Once turbidity has cleared and construction is complete turbidity curtain may be removed.

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

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

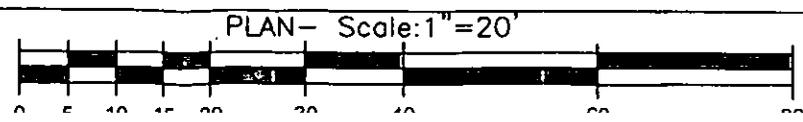
**Importance of Anchoring:**  
Anchoring and anchor kits are one of the most important accessories for sites dealing with moving currents, waves, tides or other site factors. Having the right anchor pattern, installation design and anchors can significantly influence, reduce and redistribute loads placed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



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	Wetlands Bureau Application Plan Prepared for: <b>Todd Berkowitz</b> 110 Scenic Drive, Gilford, NH Lake Winnepesaukee Map & Lot #'s: Map 251 Lot 30		<b>EROSION CONTROLS</b>
	Prepared by:  Advantage NH Lakes P.O. Box 862, Wolfeboro Falls, NH 03896 (603) 998-0619 phone <a href="mailto:advantagenhlakes@gmail.com">advantagenhlakes@gmail.com</a> email		

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1929 NGVD	File # Berkowitz19	Sheet: 4 of 4

**E1**