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The State of New Hampshire
Department of Environmental Services



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Robert R. Scott, Commissioner

March 12, 2019

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

REQUESTED ACTION

Approve Helen and Robert Conrad's request to perform the following work on Lake Winnepesaukee in Wolfeboro. File # 2018-03036. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Permanently remove two 8 foot x 36 foot permanent piers connected by a 7 foot x 10 foot 2 inch walkway, install two 6 foot x 40 foot seasonal piers connected by a 6 foot x 12 foot walkway in a "U" configuration accessed by a 6 foot x 4 foot stone walkway, install two seasonal watercraft lifts and two personal watercraft lifts, and repair 51 linear feet of an existing breakwater on an average of 219 feet of frontage along Lake Winnepesaukee on Clark Point in Wolfeboro.

The New Hampshire Department of Environmental Services (NHDES) imposed the following conditions as part of this approval:

1. All work shall be in accordance with revised plans by Terrain Planning and Design, LLC dated January 11, 2019, as received by the NHDES on February 7, 2019.
2. This permit is not valid and effective until it has been recorded with the appropriate county Registry of Deeds by the applicant. Prior to starting work under this permit, the permittee shall submit a copy of the recorded permit to the NHDES Wetlands Program by certified mail, return receipt requested.
3. All portions of the pre-existing docking structures shall be completely removed prior to the installation of any new docking structure.
4. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and NH Code of Administrative Rules Env-Wq 1400 during and after construction.
5. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area, and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
8. 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.
9. Only those structures shown on the approved plans shall be installed or constructed along this frontage. All portions of the structures shall be at least 20 feet from the abutting property lines or the imaginary extension of those lines into the water.
10. No portion of the piers shall extend more than 40 feet from the shoreline at full lake elevation (Elev. 504.32).

11. All seasonal structures, including watercraft lifts, shall be removed for the non-boating season.
12. This permit shall not preclude the NHDES from initiating appropriate action if the NHDES later determines that any of the structures depicted as "existing" on the plans submitted by or on behalf of the permitted were not previously permitted or grandfathered.
13. The repairs shall maintain the size, location, and configuration of the pre-existing structures.
14. Only existing rocks that have fallen from the breakwater shall be used for the repairs. No additional rocks shall be used, whether obtained from the site or brought to the site.
15. The breakwater shall have an irregular face to dissipate wave action.
16. All construction-related debris shall be placed outside of areas subject to RSA 482-A jurisdiction.
17. This permit does not allow dredging for any purpose.


EXPLANATION

The NHDES approved this project on February 08, 2019. The NHDES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 303.02(d), modification of a docking facility associated with a breakwater.
2. The applicant has an average of 219 feet of shoreline frontage along Lake Winnepesaukee.
3. A maximum of 3 slips may be permitted on this frontage per Rule Env-Wt 402.13 Frontage Over 75'.
4. The proposed docking facility will provide 3 slips as defined per RSA 482-A:4, VIII, and therefore meets Rule Env-Wt 402.13.
5. The existing breakwater is not immediately adjacent to the docking structures but extends from an adjacent point to intercept wave action that would otherwise impact the dock location.
6. 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.

Respectfully submitted,



Robert R. Scott
Commissioner



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management



Check the status of your application: www.des.nh.gov/onestop

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

REGULATIVE SEP 28 2018 Use Only LAND RESOURCES MANAGEMENT	COMPLETE SEP 28 2018 Use Only	Administrative Use Only	File No. <u>2018-03036</u>
			Check No. <u>6456</u>
			Amount: <u>\$ 1,549.00</u>
			Initials: <u>LSL</u>

1. REVIEW TIME Indicate your Review time below. To determine review time refer to Guidance Document A for instructions.

Standard Review (Minimum, Minor or Major Impact) Expedited Review (Minimum Impact only)

2. MITIGATION REQUIREMENT

If mitigation is required a Mitigation Pre-Application meeting must occur prior to submitting this Wetlands Permit Application. To determine if Mitigation is Required please refer to the Determine if Mitigation is Required Frequently Asked Question.

Mitigation Pre-Application Meeting Date: Month: ___ Day: ___ Year: ___

N/A - Mitigation is not required

3. PROJECT LOCATION

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

ADDRESS: **165 Clark Road** TOWN/CITY: **Wolfboro**

TAX MAP: **242** BLOCK: _____ LOT: **8** UNIT: _____

USGS TOPO MAP WATERBODY NAME: **Winnepesaukee** NA STREAM WATERSHED SIZE: NA

LOCATION COORDINATES (If known): Latitude/Longitude UTM State Plane

4. PROJECT DESCRIPTION

Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply. See Attached in the space provided below.

Replace a previously permitted 666 sf permanent docking structure with a 531 sf permanent dock of the same configuration. Install new boat lift and watercraft lift and repair damaged breakwater. Work to be performed by barge to limit the amount of impact to shoreland.

5. SHORELINE FRONTAGE

NA This does not have shoreline frontage. SHORELINE FRONTAGE: **219 SF**

Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

6. RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT

Please indicate if any of the following permit applications are required and if required the status of the application. To determine if other Land Resources Management Permits are required refer to the Land Resources Management Web Page.

Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit Per RSA 485-A:17	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	ECA2017053019	<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval Per RSA 485-A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Shoreland Permit Per RSA 483-B	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	2017-00954	<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED

7. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS

See the Instructions & Required Attachments document for instructions to complete a & b below.

a. Natural Heritage Bureau File ID: NHB 18 - 1350

b. Designated River the project is in ¼ miles of: _____; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___

N/A

8. APPLICANT INFORMATION (Desired permit holder)LAST NAME, FIRST NAME, M.I.: **Conrad, Robert J. & Helen L.**

TRUST / COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here: _____, I hereby authorize NHDES to communicate all matters relative to this application electronically.

9. PROPERTY OWNER INFORMATION (if different than applicant)

LAST NAME, FIRST NAME, M.I.:

TRUST / COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically.

10. AUTHORIZED AGENT INFORMATIONLAST NAME, FIRST NAME, M.I.: **Maurer, Romy N.**COMPANY NAME: **Terrain Planning and Design, llc**MAILING ADDRESS: **311 Kast Hill Road**TOWN/CITY: **Hopkinton**STATE: **NH**ZIP CODE: **03229**EMAIL or FAX: **romy@terrainplanning.com**PHONE: **(603)486-8685**ELECTRONIC COMMUNICATION: By initialing here **RNM**, I hereby authorize NHDES to communicate all matters relative to this application electronically.**11. PROPERTY OWNER SIGNATURE:**

See the Instructions & Required Attachments document for clarification of the below statements

By signing the application, I am certifying that:

1. I authorize the applicant and/or agent indicated on this form to act in my behalf in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.
2. I have reviewed and submitted information & attachments outlined in the Instructions and Required Attachment document.
3. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
4. I have read and provided the required information outlined in Env-Wt 302:04 for the applicable project type.
5. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
6. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.47.
7. I have submitted a Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) to the NH State Historic Preservation Officer (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources while coordinating with the lead federal agency for NHPA 106 compliance.
8. I authorize NHDES and the municipal conservation commission to inspect the site of the proposed project.
9. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
10. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
11. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.
12. The mailing addresses I have provided are up to date and appropriate for receipt of NHDES correspondence. NHDES will not forward returned mail.



Property Owner Signature

ROBERT J. CONRAD
Print name legibly

9/17/18
Date

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

MUNICIPAL SIGNATURES

12. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

1. Waives its right to intervene per RSA 482-A:11;
2. Believes that the application and submitted plans accurately represent the proposed project; and
3. Has no objection to permitting the proposed work.

<input style="width: 100%; height: 100%;" type="text"/>	Print name legibly	Date
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DIRECTIONS FOR CONSERVATION COMMISSION

1. Expedited review ONLY requires that the conservation commission's signature is obtained in the space above.
2. Expedited review requires the Conservation Commission signature be obtained prior to the submittal of the original application to the Town/City Clerk for signature.
3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will be reviewed in the standard review time frame.

13. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), 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.

<input style="width: 100%; height: 100%;" type="text"/>	Patricia M Waterman	Wolfeboro	9-26-18
Town/City Clerk Signature	Print name legibly	Town/City	Date

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3.1

1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will NOT receive the expedited review time.
2. IMMEDIATELY sign the original application form and four copies in the signature space provided above;
3. 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.
4. 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
5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. 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.

14. IMPACT AREA

For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact.

Permanent impacts that will remain after the project is complete.

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

JURISDICTIONAL AREA	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY Sq. Ft. / Lin. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Wet meadow	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Intermittent stream	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Perennial Stream / River	<input type="checkbox"/> ATF	/
Lake / Pond	1,435 / 37	/
Bank - Intermittent stream	/	/
Bank - Perennial stream / River	/	/
Bank - Lake / Pond	/	/
Tidal water	/	/
Salt marsh	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Sand dune	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland buffer	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Undeveloped Tidal Buffer Zone (TBZ)	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Previously-developed upland in TBZ	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Lake / Pond	531	281
Docking - River	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Tidal Water	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Vernal Pool	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	1,966 / 37	281/0

15. APPLICATION FEE: See the Instructions & Required Attachments document for further instruction

Minimum Impact Fee: Flat fee of \$ 200

Minor or Major Impact Fee: Calculate using the below table below

Permanent and Temporary (non-docking) 1,435 sq. ft. X \$0.20 = \$ 287.00

Temporary (seasonal) docking structure: _____ sq. ft. X \$1.00 = \$

Permanent docking structure: 531 sq. ft. X \$2.00 = \$ 1,062

Projects proposing shoreline structures (including docks) add \$200 = \$ 200

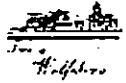
Total = \$ 1,549.00

The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 1,549.00

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



Conrad Tax Map

Wolfeboro, NH

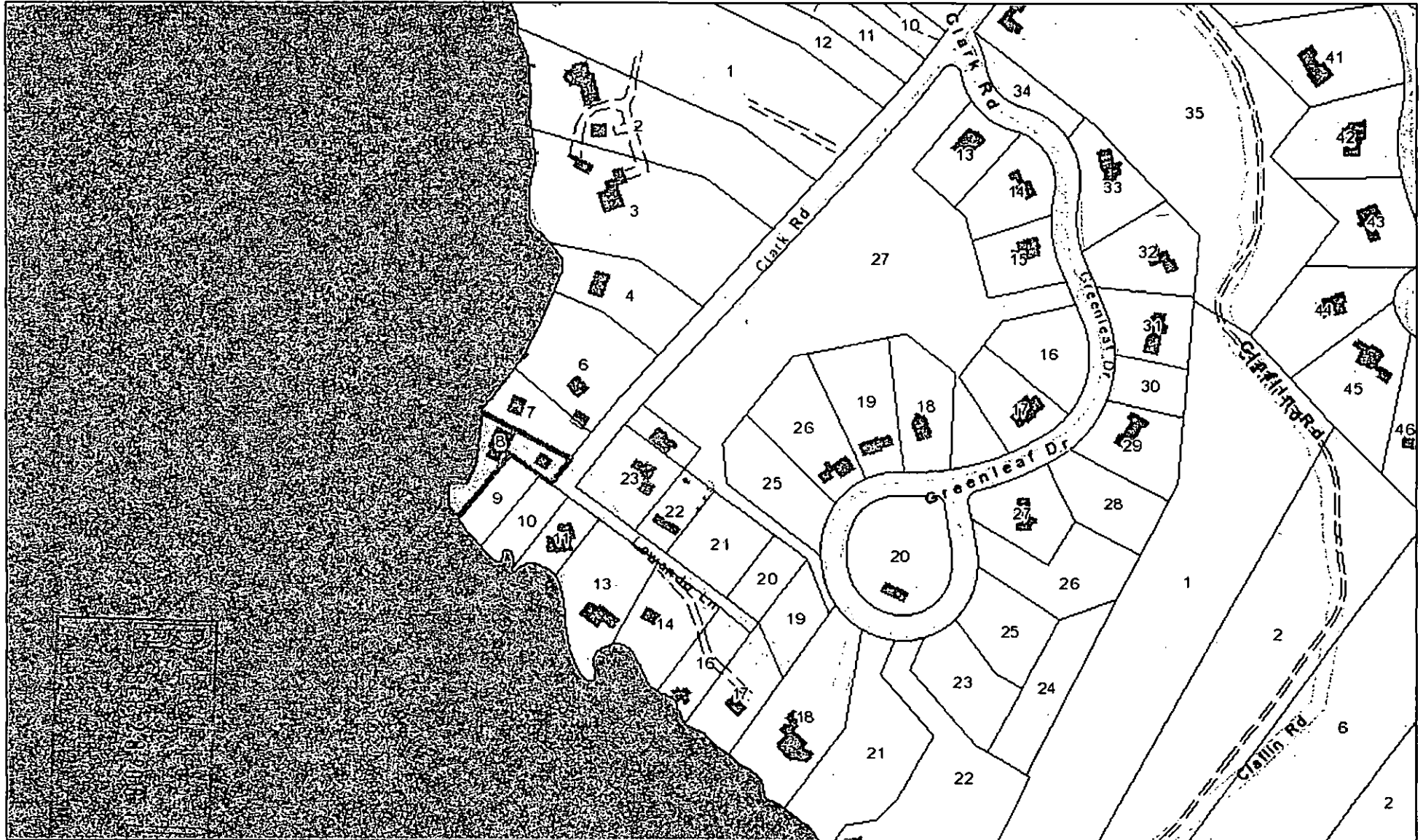


September 7, 2018

1 inch = 268 Feet



www.cai-tech.com



Data shown on this map 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 map.



New Hampshire Natural Heritage Bureau

To: Robert Pollock
41 Hillside Dr
New Hampton, NH 03256

Date: 5/1/2018

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 5/1/2018

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO
THE NHDES WETLANDS BUREAU

NHB File ID: NHB18-1350

Applicant: Robert Pollock

Location: Tax Map(s)/Lot(s): map 242 lot 08
Wolfeboro

Project Description: Replacing a previously permitted docking structure dock
to be the same configuration, install a new boat lift and
watercraft lift, repair damaged break water

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.

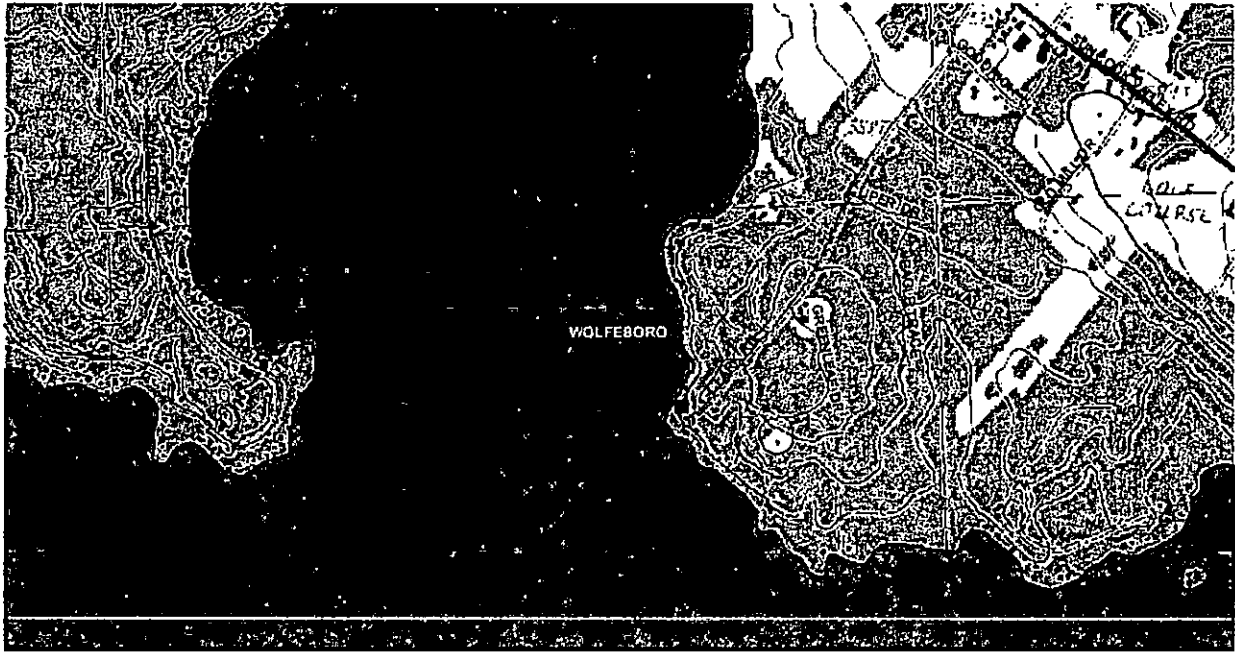
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed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

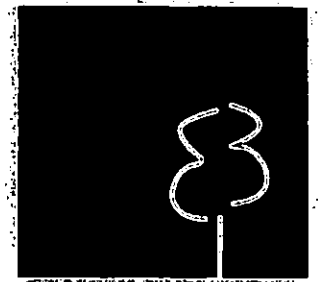
This report is valid through 4/30/2019.

SEP 5 3 2019



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB18-1350





terrain

planning & design llc

Abutters List:

Owner:

Robert & Helen Conrad

Site Location:

165 Clark Road

Wolfeboro, NH 03894

Tax Map: 242

Lot #: 8

Abutters to client's property:

Rockwell J. Cleborne Trust

Rockwell J. Cleborne Trustee

Mailing Address:

Abutting Address:

163 Clark Road

Wolfeboro, NH 03894

Tax Map: 242

Lot #: 7

Town of Wolfeboro

Mailing Address:

Abutting Address:

167 Clark Road

Wolfeboro, NH 03894

Tax Map: 242

Lot #: 9

SEP 23 2013

Town of Wolfeboro

Mailing Address:

Abutting Address:

Clark Road
Wolfeboro, NH 03894
Tax Map: 242
Lot #: 10

Patricia M. Waterman

Town clerk
84 South Main Street
PO Box 1207
Wolfeboro, NH 03894

Agent:

Romy Maurer, PLA, ASLA
Terrain Planning and Design, LLC
311 Kast Hill Road
Hopkinton, NH 03229

SEP 23 2013

BASE PLAN DEVELOPED FROM INFORMATION PROVIDED BY THE ARCHITECTS. DRAWING TITLE CONRAD PROGRESS SET DATED 04-16-17

- UNLESS SPECIFIED OTHERWISE, SLOPE FINAL GRADE AWAY FROM THE BUILDING AND ALL STRUCTURES AT LEAST 1/4" PER FOOT FOR EIGHT FEET MINIMUM.
- UNLESS SPECIFIED OTHERWISE, CONSTRUCT ALL WALKS AND STEPS WITH A MINIMUM WASH OF 1/8" PER FOOT.
- BLEND NEW WORK SMOOTHLY WITH EXISTING GRADES. AVOID SHARP BREAKS IN GRADE. ROUND TOPS & BOTTOMS OF SLOPES.
- PROVIDE AND INSTALL WINDOW WELLS AT ALL BASEMENT VENTS.
- ALL PVC PIPE TO BE TYPE SDR 40 OR GREATER.
- SLEEVES TO BE PAIRS OF 4" SDR 40 PVC PIPE SET BELOW PAVING. CAP AND STAKE ENDS. NOTE DIMENSIONED LOCATIONS ON PLAN FOR OWNERS USE. SET ADJACENT SLEEVES WITH 6" BETWEEN SIDES OF ADJACENT PIPES. SET TOP OF SLEEVES AT ELEVATION OF BOTTOM OF PAVEMENT POROUS BASE MATERIAL.
- DRIPSTONE EDGE STONE FLASH STRIP TYPICAL ALONG ROOF DRIFLINE EXCEPT AT DECKING, PAVING OR AT GABLE ENDS.
- ALL BOULDER LOCATIONS AND SIZES ARE APPROXIMATE.
- CONTRACTOR TO TAKE SPECIAL CARE WHEN REMOVING BOULDERS TO MINIMIZE SCRATCHES. ALL CONCRETE TO BE REMOVED FROM BOULDERS PRIOR TO REVEGETATION.

EROSION CONTROL NOTES

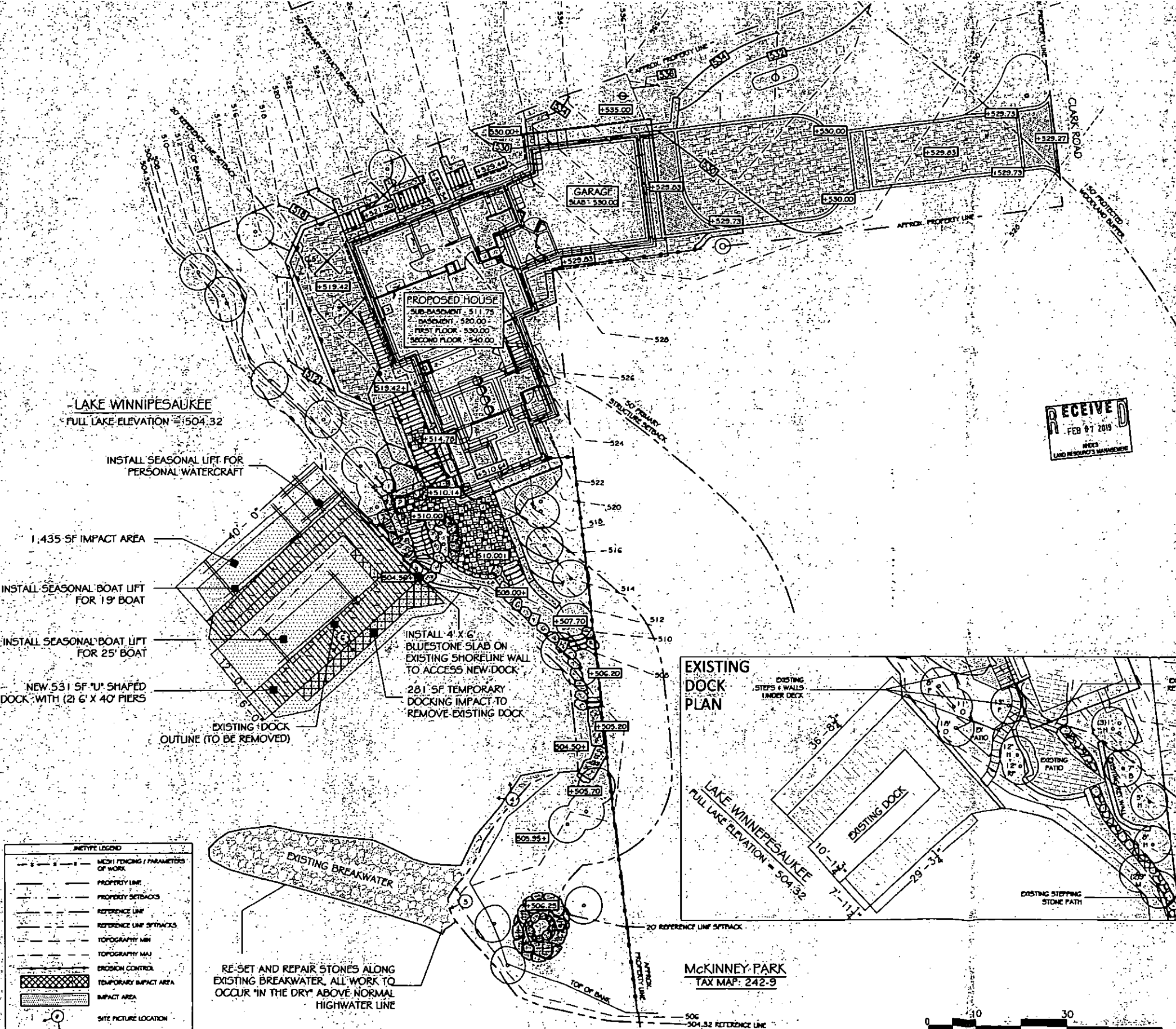
- EXPOSED EARTHWORK SHALL BE CONFINED TO AS LIMITED AN AREA AS IS PRACTICAL AT ANY GIVEN TIME THROUGHOUT THE CONSTRUCTION PERIOD. LIMIT OF WORK IS NOTED ON THIS SHEET. CONTRACTOR TO WORK WITHIN THESE LIMITS AS SHOWN. NO AREA OF THE SITE SHALL BE LEFT IN AN UNSTABILIZED CONDITION FOR A PERIOD OF TIME EXCEEDING FIVE CALENDAR DAYS.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PROJECT PANS. IN ADDITION SIMILAR MEASURES SHALL BE INSTALLED WHERE AND WHEN THE FIELD CONDITION OR FIELD OPERATION OF THE INDIVIDUAL SITE CONTRACTOR MAY WARRANT. ALL TEMPORARY EROSION CONTROL MEASURES USED SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.5" OF RAINFALL OR MORE. THEY SHALL BE CLEANED AND MAINTAINED AND OTHERWISE KEPT IN AN EFFECTIVE OPERATING MANNER THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL DISTURBED AREAS DESIGNATED TO BE TURF SHALL RECEIVE A MINIMUM OF 4" LOAM (COMPACTED THICKNESS) PRIOR TO SEEDING AND MULCHING.
- ALL SWALES AND DITCH LINES SHALL BE PERIODICALLY CLEARED OF DEPOSITED SEDIMENT SO AS TO MAINTAIN AN EFFECTIVE GRADE AND CROSS SECTION. ALL SWALES AND DITCH LINES SHALL BE FULLY STABILIZED PRIOR TO HAVING STORMWATER DIRECTED TOWARDS THEM.
- IN THE EVENT THAT DURING CONSTRUCTION OF ANY PORTION OF THIS PROJECT A WINTER SHUTDOWN IS NECESSARY THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE SHEET FLOW ACROSS FROZEN SURFACES.
- AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE OF GRADES ARE INSTALLED IN AREAS TO BE PAVED.
 - A MINIMUM OF 85% VEGETATIVE GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3" OF NON-EROSIVE MATERIALS SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- DUST SHALL BE CONTROLLED BY THE USE OF WATER AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD.
- IN NO WAY ARE THE TEMPORARY EROSION CONTROL MEASURES INDICATED ON THESE PLANS CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGMENT IN INSTALLING SUPPLEMENTARY EROSION CONTROL MEASURES WHERE AND WHEN SPECIFIC SITE CONDITIONS AND/OR CONSTRUCTION METHODOLOGIES MAY WARRANT.
- ALL EROSION CONTROL METHODS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS AS WELL AS INDICATED IN THE NEW HAMPSHIRE STORMWATER MANUAL. EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION.
- ALL ROADS, PATHS, DRIVEWAYS, PATIOS & POOL DECKS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.
- ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF ACHIEVING FINISH GRADE.

TREE PROTECTION NOTES

- DIAMETER OF PROTECTION ZONE SHOULD BE ONE FOOT FOR EACH INCH OF TRUNK DIAMETER BREAST HEIGHT OR 1/2 HEIGHT OF TREE, WHICHEVER IS GREATER FOR 2 INCH CALIPER TREES OR SMALLER. THE PROTECTION ZONE SHALL BE 6 FOOT MINIMUM DIAMETER.
- TEMPORARY FENCING (6 FT HIGH) SHALL BE PLACED AT THE DRIFLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCLOSE THE TREES TO INSTALL FENCE POSTS, AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
- DEAD TREES, SCRUB, OR UNDERGROWTH SHALL BE CUT FLUSH WITH ADJACENT GRADE. THERE WILL BE NO SOIL DISTURBANCE UNDER THE DRIFLINE OF TREES TO BE PRESERVED.
- PLACE 6 INCHES OF BARK MULCH AT AREAS NOT PROTECTED BY BARRIERS.
- TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1 INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHOULD BE TEMPORARILY COVERED WITH DAMP BURLAP AND COVERED WITH SOIL OR MULCH AS SOON AS POSSIBLE TO PREVENT DRYING.
- NO EQUIPMENT OR MACHINERY SHALL BE USED WITHIN THE PROTECTION FENCE. WORK WITHIN THE PROTECTION ZONE SHALL BE DONE MANUALLY.

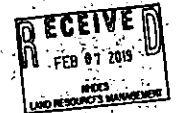
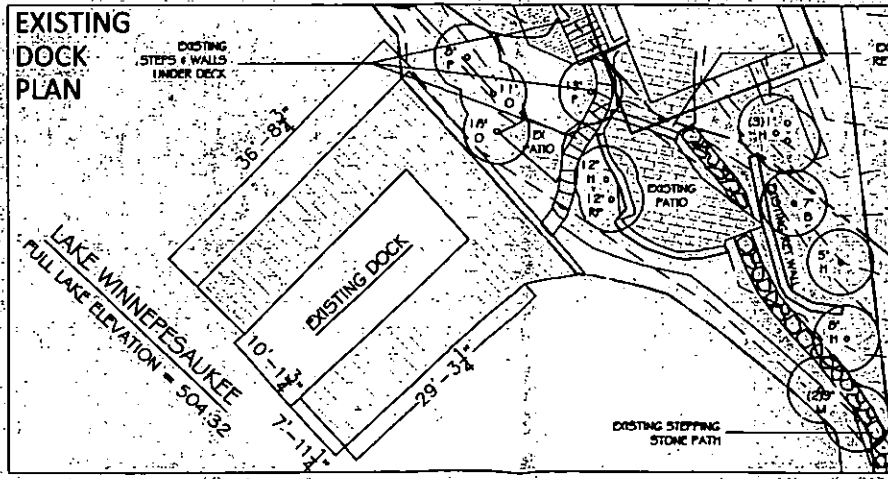
NOTICE LEGEND

	1/2" CHAINING / PARAMETERS OF WORK
	PROPERTY LINE
	PROPERTY SETBACKS
	REFERENCE LINE
	REFERENCE LINE 5' TRACKS
	TOPOGRAPHY MIN
	TOPOGRAPHY MAX
	EROSION CONTROL
	TEMPORARY IMPACT AREA
	IMPACT AREA
	SITE PICTURE LOCATION



-LAKE WINNIPESAUKEE
FULL LAKE ELEVATION = 504.32

- INSTALL SEASONAL LIFT FOR PERSONAL WATERCRAFT
- 1,435-SF IMPACT AREA
- INSTALL SEASONAL BOAT LIFT FOR 19' BOAT
- INSTALL SEASONAL BOAT LIFT FOR 25' BOAT
- NEW 531 SF "U" SHAPED DOCK WITH (2) 6' X 40' PIERS
- EXISTING DOCK OUTLINE (TO BE REMOVED)



311 east hill road
hopkinton nh 03229
603.7491.2322
terrainplanning.com

CONRAD LAKEHOUSE

Site Location:
165 Clark Road
Wolfeboro, NH 03894
Tax Map: 242
Lot #: 8

Prepared For:
Robert & Helen Conrad
8709 Capehart Cove
Austin, TX 78733

DOCK PLAN

DATE: 05-07-18

SCALE: 1" = 10'

PROJECT #: 1769

Drawn By: ID

Checked By: ERB

REVISIONS: DATE:

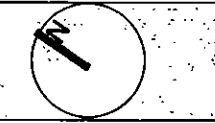
Issued for Permitting 5-01-18

Issued for Permitting 7-23-18

Issued for RFMI as per NH DES request 1-11-19

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