



The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**

**Thomas S. Burack, Commissioner**



June 07, 2015

Her Excellency, Governor Margaret Wood Hassan  
and The Honorable Council  
State House  
Concord, NH 03301

**REQUESTED ACTION**

Approve David F Hill's request to perform the following work on Lake Winnepesaukee, in Tuftonboro. File # 2014-02367. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Excavate 34 linear feet of bank and 19 cubic yards from 525 sq. ft. of lakebed to construct a 900 sq. ft. dug-in 2 slip boat house, on Cow Island, on Lake Winnepesaukee, in Tuftonboro.

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

1. All work shall be in accordance with plans by Fernstone Associates dated May 05, 2015, as received by the Department on May 07, 2015, and boathouse detail plans by Amy Semmes, dated May 06, 2015 as received by the Department on May 07, 2015.
2. This permit shall not be effective until it has been recorded with the Carroll County Registry of Deeds office by the Permittee. A copy of the registered permit shall be submitted to the DES Wetlands Bureau prior to construction.
3. The owner shall file a restrictive covenant in the appropriate registry of deeds limiting the use of the boathouse to the storage of boats and boating-related accessories. A copy of the recorded covenant permit shall be submitted to the DES Wetlands Bureau prior to construction.
4. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and further permitting by the Bureau.
5. The boathouse shall be a single-story structure; ridgeline not to exceed 20 ft. in height (Elev. 524.32 ft.) above normal high water (Elev. 504.32 ft.).
6. Dewatering of work areas and dredged materials shall be discharged to sediment basins located in uplands and lined with hay bales or other acceptable sediment trapping liner.
7. All dredged and excavated material and construction related debris shall be placed outside of the areas under the jurisdiction of the DES Wetlands Bureau.
8. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain in place until the area is stabilized.
9. 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 in place until suspended particles have settled and water at the work site has returned to normal clarity.

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

**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**

Telephone: (603) 271-3501 • Fax: (603) 271-6683 • TDD Access: Relay NH 1-800-735-2964

10. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
11. This facility is permitted with the condition that future maintenance dredging, if needed, shall not be permitted more frequently than once every 6 years, and that a new permit shall be required for each dredge activity.
12. The owner understands and accepts the risk that if this facility requires dredging to maintain a minimum slip depth of 3 ft., more frequently than once every 6 years, or is shown to have an adverse impact on abutting frontages, it shall be subject to removal.
13. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

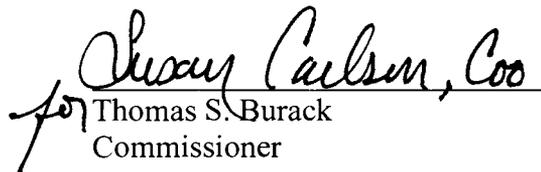
#### EXPLANATION

The DES Wetlands Bureau approved this project on June 04, 2015. DES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 303.02(d), construction of a major docking facility.
2. The applicant has an average of 405 ft. of frontage along Lake Winnepesaukee.
3. A maximum of 6 slips may be permitted on this frontage per Rule Env-Wt 402.13, Frontage Over 75 ft.
4. The proposed 2 slip boat house and existing docking structures will provide 6 slips on this frontage as defined per RSA 482-A:2, VIII and therefore meets Rule Env-Wt 402.13.
5. The applicant obtained a State approved Individual Sewage Disposal System, meeting all new setbacks from public waters.

Application file documents are being forwarded to the Governor and 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 submit this request for your consideration.

  
for Thomas S. Burack  
Commissioner



## PERMIT APPLICATION

AUG 20 2014	COMPLETE AUG 20 2014		2014-02367
			1089
			\$ 987.00
			LSL

### 1. REVIEW TIME:

Indicate your Review Time below. Refer to Guidance Document A for instructions.

Standard Review (Minimum, Minor or Major Impact)

Expedited Review (Minimum Impact)

### 2. PROJECT LOCATION:

Separate applications must be filed with each municipality that jurisdictional impacts will occur in.

ADDRESS: **50 Cow Island**

TOWN/CITY: **Tuftonboro**

TAX MAP: **38**

BLOCK: **1**

LOT: **13**

UNIT:

USGS TOPO MAP WATERBODY NAME: **Lake Winnepesaukee**

NA

STREAM WATERSHED SIZE:

NA

LOCATION COORDINATES (If known):

Latitude/Longitude  UTM  State Plane

### 3. 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.

**Construct a boathouse.**

### 4. RELATED PERMITS, ENFORCEMENT, EMERGENCY AUTHORIZATION, SHORELAND, ALTERATION OF TERRAIN, ETC...

### 5. 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 14 - 2694**

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

NA

**6. APPLICANT INFORMATION (Desired permit holder)**

LAST NAME, FIRST NAME, M.I.: **Hill, David F.**

TRUST / COMPANY NAME:

MAILING ADDRESS: [REDACTED]

TOWN/CITY: **Duxbury**

STATE: **MA**

ZIP CODE: **02332**

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here: \_\_\_\_\_, I hereby authorize DES to communicate all matters relative to this application electronically

**7. 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 DES to communicate all matters relative to this application electronically

**8. AUTHORIZED AGENT INFORMATION**

LAST NAME, FIRST NAME, M.I.: **Cooperdock, Peter**

COMPANY NAME: **Fernstone Associates**

MAILING ADDRESS: **360 Castine Road**

TOWN/CITY: **Castine**

STATE: **ME**

ZIP CODE: **04421**

EMAIL or FAX: **peter@fernstoneassociates.com**

PHONE: **603-323-7507**

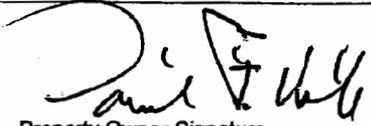
ELECTRONIC COMMUNICATION: By initialing here **PC**, I hereby authorize DES to communicate all matters relative to this application electronically

**9. 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 copy of the application materials to the NH State Historic Preservation Officer.
8. I authorize DES 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 DES correspondence. DES will not forward returned mail.

⇒   
Property Owner Signature

**DAVID F. HILL**  
Print name legibly

**8/15/2014**  
Date

## MUNICIPAL SIGNATURES

### 10. 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.

 Authorized Commission Signature	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. The Conservation Commission signature should be obtained prior to the submittal of the original application and four copies to the town/city clerk for mailing to the DES.
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 reviewed in the standard review time frame.

### 11. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 1991), I hereby certify that the applicant has filed five application forms, five detailed plans, and five USGS location maps with the town/city indicated below and I have received and retained certified postal receipts (or copies) for all abutters identified by the applicant.

 Town/City Clerk Signature	Heather A. Beddo Print name legibly	Tuffonboro Town/City	8-25-14 Date
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#### DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3, I(d):

1. For applications where "Expedited Review" is checked on page 1, accept the application for mailing only if the Conservation Commission signature has been sought;
2. Collect the postal receipts demonstrating that all abutters and the Local Advisory Committee were sent proper notice;
3. Collect any administrative fees, not to exceed \$10 plus the cost of postage by certified mail (RSA 482-A:3, I).
4. IMMEDIATELY sign the original application and four copies in the signature space provided above;
5. Retain one copy of the application form, one complete set of attachments and the postal receipts demonstrating that all abutters and the Local River Advisory Committee were notified and make them reasonably accessible to the public;
6. 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 in accordance with RSA 482-A:3, I; and
7. IMMEDIATELY send the ORIGINAL application form, one complete set of attachments and filing fee, by CERTIFIED MAIL to the NHDES Wetlands Bureau at the address indicated on page 1 of this application. (DO NOT HOLD FOR CONSERVATION COMMISSION SIGNATURE).

**12. 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.

After-the-fact (ATF): work completed prior to receipt of this application by DES. Check box to indicate ATF.

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	/	<input type="checkbox"/> ATF
Lake / Pond	525 / 38	<input type="checkbox"/> ATF	/	<input type="checkbox"/> ATF
Bank - Intermittent stream	/	<input type="checkbox"/> ATF	/	<input type="checkbox"/> ATF
Bank - Perennial stream / River	/	<input type="checkbox"/> ATF	/	<input type="checkbox"/> ATF
Bank - Lake / Pond	200 / 38	<input type="checkbox"/> ATF	50 / 5	<input type="checkbox"/> ATF
Tidal water	/	<input type="checkbox"/> ATF	/	<input type="checkbox"/> ATF
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		<input type="checkbox"/> ATF		<input type="checkbox"/> ATF
Docking - River		<input type="checkbox"/> ATF		<input type="checkbox"/> ATF
Docking - Tidal Water		<input type="checkbox"/> ATF		<input type="checkbox"/> ATF
<b>TOTAL</b>	<b>725 / 38</b>		<b>50 / 5</b>	

**13. 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) 775 sq. ft. X \$0.20 = \$ 155.00

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

Permanent docking structure: 316 sq. ft. X \$2.00 = \$ 632.00

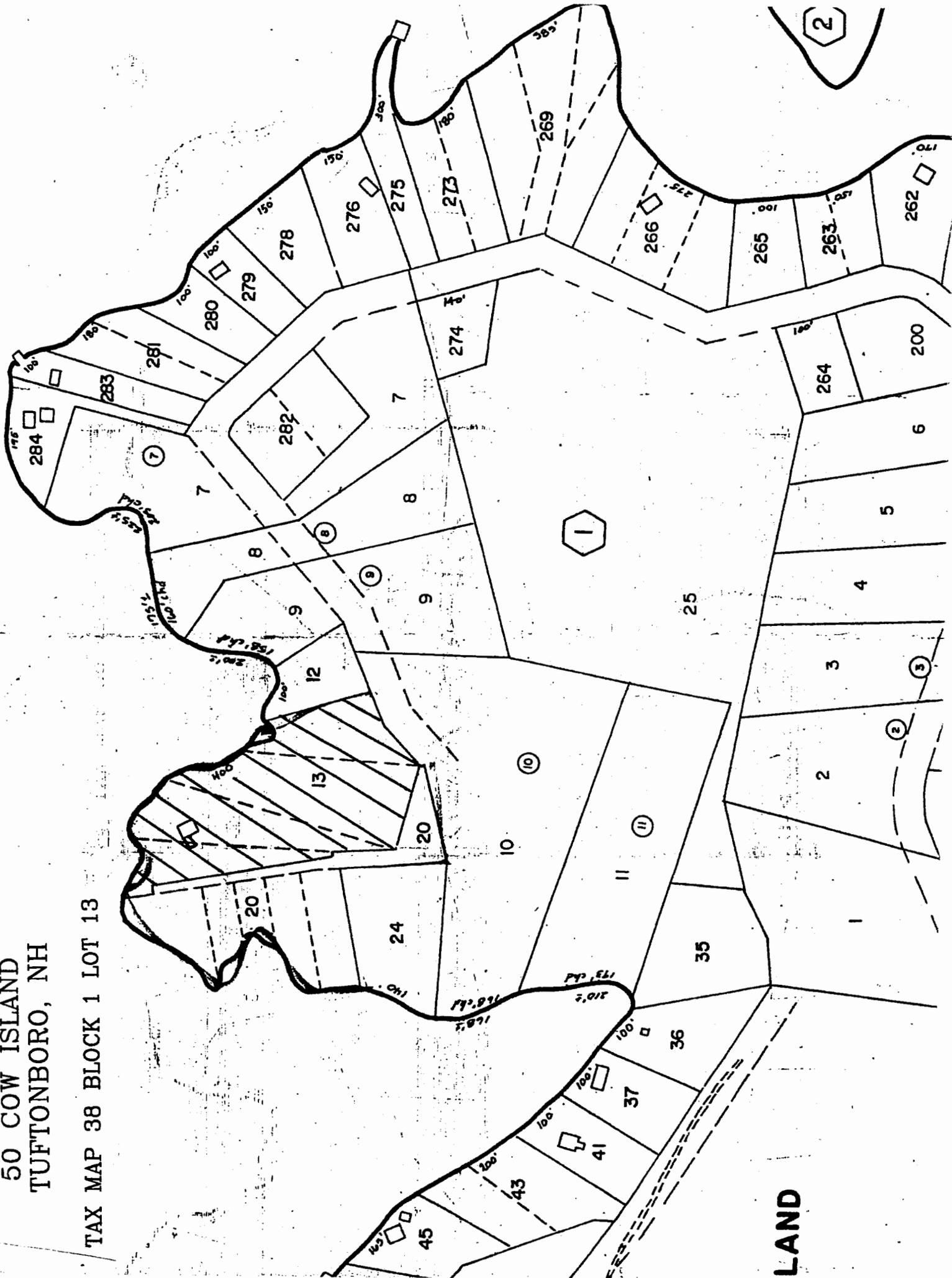
Projects proposing shoreline structures (including docks) add \$200 = \$ 200.00

Total = \$                    

The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 987.00

DAVID HILL  
50 COW ISLAND  
TUFTONBORO, NH

TAX MAP 38 BLOCK 1 LOT 13



ISLAND



# Memo



NH NATURAL HERITAGE BUREAU  
NHB DATACHECK RESULTS LETTER

**To:** Peter Cooperdock, Fernstone Associates  
360 Castine Road  
Castine, ME 04421

**From:** Melissa Coppola, NH Natural Heritage Bureau

**Date:** 7/28/2014 (valid for one year from this date)

**Re:** Review by NH Natural Heritage Bureau  
NHB File ID: NHB14-2694      Town: Tuftonboro  
Description: Construct a boathouse on an island property.

**cc:** Kim Tuttle

Location: Tax Maps: 38-1-13

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

## Comments:

### Vertebrate species

State <sup>1</sup>	Federal	Notes
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Common Loon ( <i>Gavia immer</i> )	T	--
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Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: *Kim Tuttle, NH F&G, (603) 271-6544.*

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.

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Department of Resources and Economic Development  
Division of Forests and Lands  
(603) 271-2214 fax: 271-6488

DRED/NHB  
PO Box 1856  
Concord NH 03302-1856

## New Hampshire Natural Heritage Bureau - Animal Record

### Common Loon (*Gavia immer*)

**Legal Status**

Federal: Not listed  
 State: Listed Threatened

**Conservation Status**

Global: Demonstrably widespread, abundant, and secure  
 State: Not ranked (need more information)

**Description at this Location**

Conservation Rank: Not ranked  
 Comments on Rank:

Detailed Description: 2013: 1 pair, no nest.2012: Nest location unknown: 2 chicks hatched, 1 chick survived.2011: Nest 5: 2 chicks hatched, 1 chick survived.2010: 1 pair, no nest.2009: 1 pair, no nest.2008: 1 pair, no nest.2007: 1 pair, no nest.2006: Nest and eggs present, no chicks hatched.2005: Nest 4: pair, nest attempt.2004: Nest 3: pair, 2 hatched, 0 survived.2003: pair.2002: Nest 1, Nest 2: pair, nest attempt.

General Area:  
 General Comments: LPC territory NHT0896.  
 Management  
 Comments:

**Location**

Survey Site Name: Winnepesaukee - Cow Island  
 Managed By:

County: Carroll	USGS quad(s): Melvin Village (4307163)
Town(s): Tuftonboro	Lat, Long: 433738N, 0711811W
Size: 6.4 acres	Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions:

**Dates documented**

First reported: 2004-07-03	Last reported: 2012
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The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

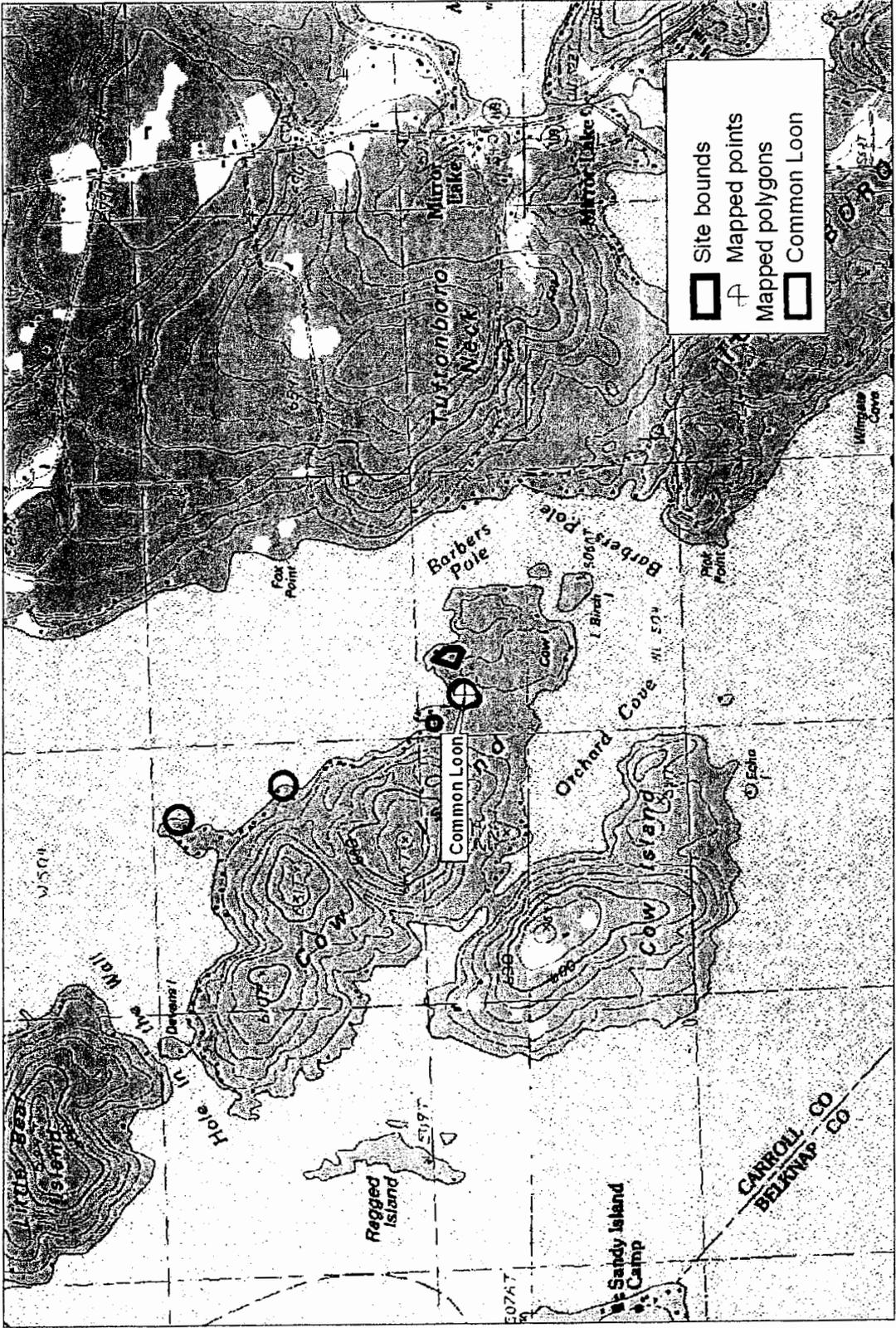
NHB14-2694



NH NATURAL HERITAGE BUREAU

### Known locations of rare species and exemplary natural communities

Note: Mapped locations are not always exact. Occurrences that are not in the vicinity of the project are not shown.



\*Historical record

Peter Cooperdock, CSS  
Fernstone Associates  
360 Castine Road  
Castine, ME 04421



DAVID F. HILL  
ABUTTER'S LIST

<u>TAX MAP</u>	<u>BLOCK</u>	<u>LOT</u>	<u>OWNER</u>
38	1	13 20	David F. Hill [REDACTED] Duxbury, MA 02332
38	1	12	Allgeyer One Family Trust [REDACTED] Derry, NH 03038
38	1	10	Michael Caplin [REDACTED] Merrimack, NH 03054

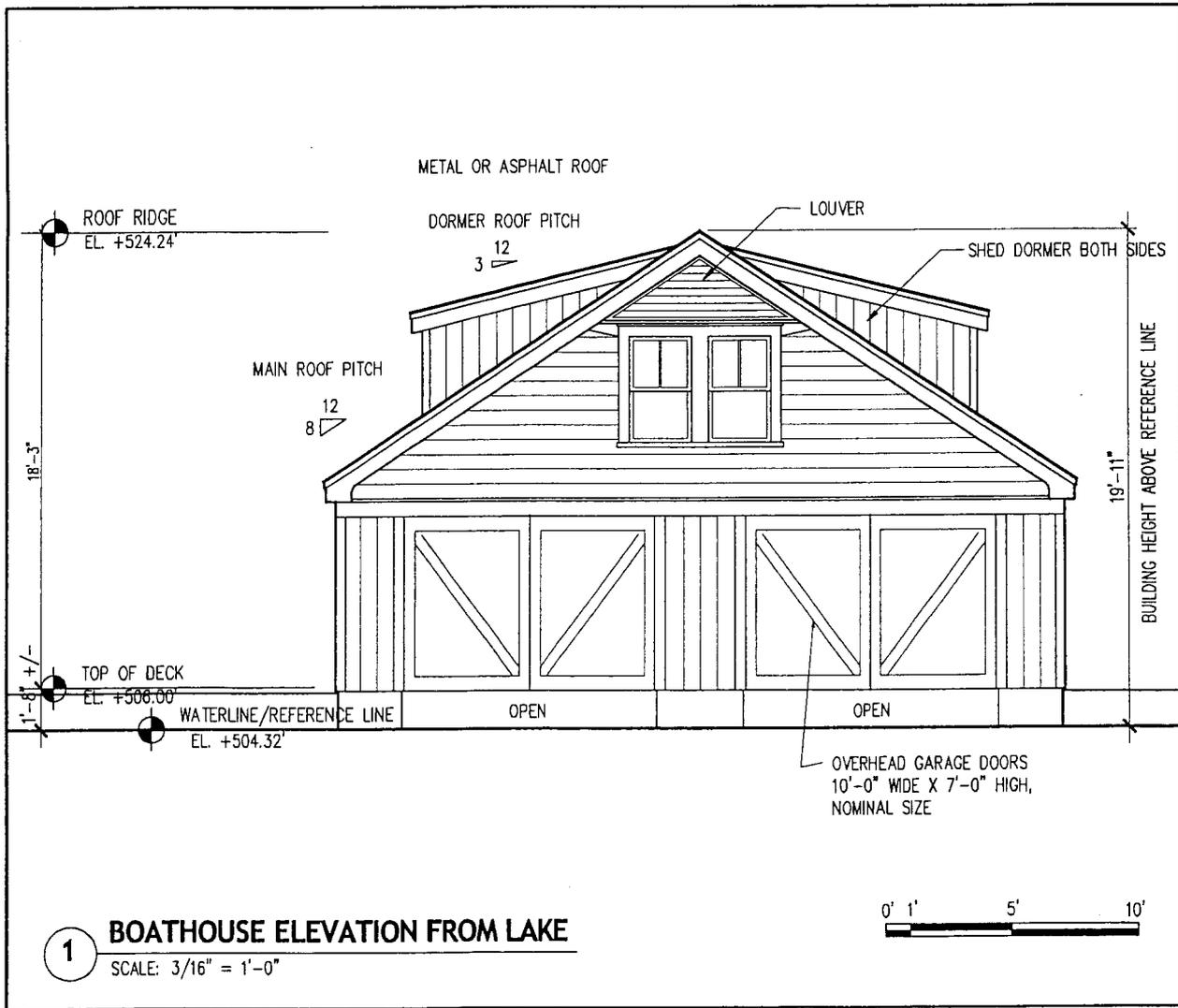
Agent:

Peter Cooperdock  
Fernstone Associates  
360 Castine Road  
Castine, ME 04421

Certified Soil Scientist 603-715-1951 Certified Wetland Scientist  
Site Evaluation Septic System Design  
Natural Resource Inventory

REVISED  
 0 2015  
 NHDES  
 LAND REGULATION MANAGEMENT

REVISED  
 0 2015



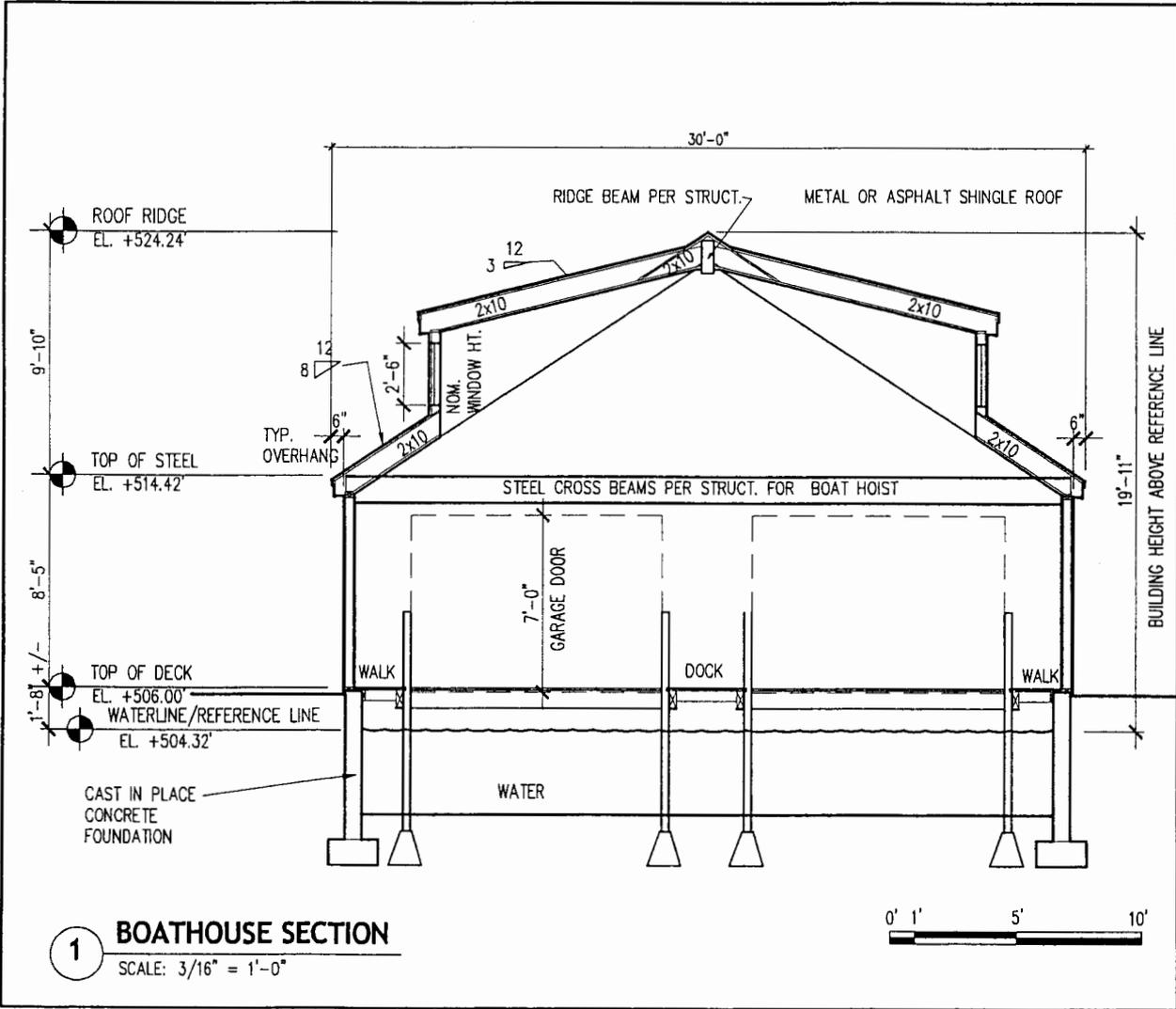
**1 BOATHOUSE ELEVATION FROM LAKE**  
 SCALE: 3/16" = 1'-0"

DATE: 8/6/2014  
 REVISED: 5/6/2015  
 SCALE: 3/16" = 1'-0"  
 WHEN PRINTED ON 11 PAPER SIZE

PROJECT TITLE: #50 COW ISLAND, TUFTONBORO, NH  
 DRAWING TITLE: PROPOSED BOATHOUSE ELEVATION

AMY SEMMES, A.I.A.  
 120 AUBURN ST., MEDFORD, MA 02155  
 TELEPHONE: 781.507.6668  
 EMAIL: AMY@SEMMEDESIGN.COM

LAND RESOURCES  
 W-DEC  
 MANAGEMENT



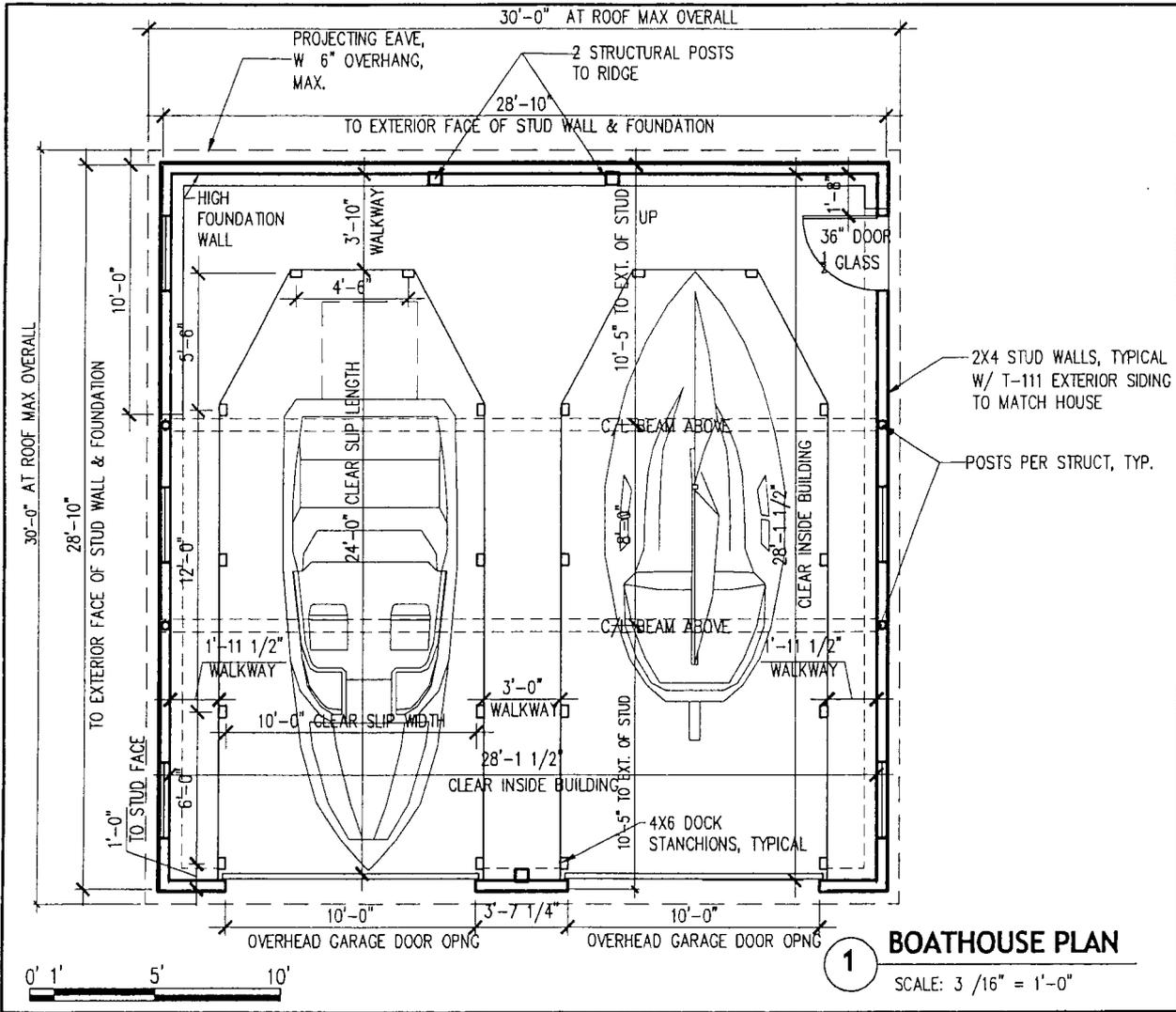
**1 BOATHOUSE SECTION**  
 SCALE: 3/16" = 1'-0"

DATE: 8/6/2014  
 REVISED: 5/6/2015  
 SCALE: 3/16" = 1'-0"  
 WHEN PRINTED: 0.81 x 11 PAPER SIZE

PROJECT TITLE: #50 COW ISLAND, TUFTONBORO, NH  
 DRAWING TITLE: PROPOSED BOATHOUSE SECTION

AMY SEMMES, A.I.A.  
 120 AUBURN ST., MEDFORD, MA 02155  
 TELEPHONE: 781.507.6668  
 EMAIL: AMY@SEMMEDESIGN.COM

LAND RESOURCE DESIGN



**1 BOATHOUSE PLAN**  
SCALE: 3/16" = 1'-0"

DATE: 5/6/2015  
REVISED:  
SCALE: 3/16" = 1'-0"  
PLOT PRINTED: 0 9/11 11:00:20

PROJECT TITLE: #50 COW ISLAND, TUFTONBORO, NH  
DRAWING TITLE: PROPOSED BOATHOUSE PLAN

AMY SEMMES, A.I.A.  
120 AUBURN ST., MEDFORD, MA 02155  
TELEPHONE: 781 507 6668  
EMAIL: AMY@SEMMEDESIGN.COM