



The State of New Hampshire MAY 01 '19 AM 9:34 DAS
Department of Environmental Services



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Robert R. Scott, Commissioner

April 26, 2019

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

REQUESTED ACTION

Approve Dover Point Properties Development, LLC's request to perform the following work on Piscataqua River in Dover. File # 2018-03765. This project will not have significant impact on or adversely affect the values of Piscataqua River.

Impact 380 square feet within the previously developed upland tidal buffer zone (including 332 square feet of palustrine emergent wetland) for construction of a 4 foot x 95 foot access way supported by helical posts. In addition, impact 1,100 square feet of tidal wetland to construct a tidal docking structure consisting of a 4 foot x 145 foot fixed pier connecting to a 3 foot x 40 foot ramp connecting to a 10 foot x 40 foot float. The overall structure length seaward of the highest observable tide line is 195 feet, providing two slips on 150 feet of frontage along the Piscataqua River.

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 plans by Ambit Engineering, Inc. dated December 2018, and revised through December 12, 2018 as received by the NH Department of Environmental Services (NHDES) on December 21, 2018.
2. This permit shall not be effective until recorded at the Strafford County Registry of Deeds Office by the permittee. A copy of the recorded permit shall be submitted to the NHDES Wetlands Bureau prior to construction.
3. Not less than 5 state business days prior to starting work authorized by this permit, the permittee shall notify the NHDES Wetlands Bureau Pease office and the local conservation commission in writing of the date on which work under this permit is expected to start.
4. Any future work in jurisdiction as specified in RSA 482-A on this property will require a new application and approval by the NHDES Wetlands Bureau.
5. 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).
6. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and New Hampshire Administrative Rule Env-Wq 1700.
7. Construction of this tidal docking structure consisting of a 4 foot x 145 foot fixed pier connecting to a 3 foot x 40 foot ramp connecting to a 10 foot x 40 foot float with an overall structure length seaward of the highest observable tide line of 195 feet, providing two boat slips on 150 feet of frontage along the Piscataqua River shall be the only dock structure on this water frontage.
8. The access way and permanent pier shall have at least 1-inch spacing between the decking boards to provide sufficient sunlight penetration and rainfall to underlying vegetation.
9. The height of the pier's decking over the surface of the tidal wetland at normal high tide shall be a minimum of 4 feet.

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

10. The seasonal structures, including but not limited to the ramp and float, shall be removed during the non-boating season and stored on the existing pier or in an upland location.
11. Construction of the dock shall occur from a barge equipped with a crane, at low tide, to reduce potential impacts to the estuarine intertidal wetlands.
12. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain in until the area is stabilized.
13. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
14. Work shall be conducted in a manner that avoids excessive discharges of sediments to fish spawning areas.
15. All construction-related debris shall be properly disposed of outside of the areas subject to RSA 482-A.
16. 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.

EXPLANATION

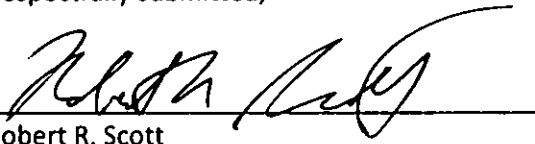
The NHDES approved this project on March 25, 2019. The NHDES supported its decision with the following findings:

1. This is a Major Project per New Hampshire Administrative Rule Env-Wt 303.04(a), projects located tidal wetlands, except for repair of existing structures.
2. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the NHDES' jurisdiction per New Hampshire Administrative Rule Env-Wt 302.03.
3. The proposed project is sited to minimize impact to the salt marsh by crossing at the narrowest location across the frontage. It is also design to utilize helical supports in the freshwater emergent wetland to minimize impact.
4. The proposed dock is the minimum length necessary to provide access at this location for the duration of the tidal cycle and designed in such a way as to prevent the float from sitting on the mud at low tide.
5. The decking of the proposed dock will have a minimum of 1-inch spacing between the decking planks and the bottom of the pier will be a minimum of 4 feet above the substrate to provide adequate ambient light levels to support the underlying salt marsh community.
6. The permittee's contractor will be utilizing a barge and crane to complete construction of the dock from the water to minimize impacts to the tidal wetland resource.
7. The applicant has demonstrated by plan and example that each factor listed in New Hampshire Administrative Rule Env-Wt 302.04(a) and (c), Requirements for Application Evaluation, has been considered in the design of the project.
8. In correspondence dated January 17, 2019, the Dover Conservation Commission recommended approval of the project, as proposed.
9. In correspondence dated December 28, 2018, the New Hampshire Division of Historical Resources found that the project, as proposed, will have no effect on any potential nearby historical resources.
10. The Natural Heritage Bureau (NHB) report submitted with the application package (NHB18-2257) stated that although there was record of sensitive species in the vicinity, no impacts to rare or endangered species or exemplary natural communities are expected as a result of the project.
11. Other NHDES permits associated with this site include 2015-03016 (issued December 02, 2015) for impacts to the protected shoreland in order to develop a single residential structure, with associated site improvements, impacting 12,800 square feet of Protected Shoreland, landward of the previously developed upland tidal buffer zone.
12. In accordance with RSA 482-A:8, the NHDES finds that the requirements for a public hearing do not apply as the permitted project is not of substantial public interest, and will not have a significant impact on or adversely affect the values of the estuarine resource, as identified under RSA 482-A:1.

13. The NHDES staff field inspection on February 22, 2019 found that the site is accurately represented in the application.
14. In correspondence dated January 03, 2019, the Pease Development Authority, Division of Ports and Harbors, determined that the project would have no negative effect on navigation in the channel.
15. In correspondence dated July 17, 2018, signed authorization was provided by the applicant to allow their agent to act on their behalf throughout the permitting process.
16. In correspondence dated March 08, 2019, signed authorization was obtained from the abutting property owner (Dover Tax Map/Lot #: L/91) for impacts to occur within 20 feet of the shared property boundary, per New Hampshire Administrative Rule Env-Wt 304.04.

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

Land Resources Management
Wetlands Bureau

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



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

RECEIVED DEC 21 2018 NHDES LAND RESOURCES MANAGEMENT	COMPLETE DEC 21 2018	2018-03-16 2188 2186-03 DB
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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 only)

2. PROJECT LOCATION:
 Separate applications must be filed with each municipality that jurisdictional impacts will occur in:

ADDRESS: **39 Shore Lane** TOWN/CITY: **Dover**

TAX MAP: **L** BLOCK: LOT: **89-G-13** UNIT:

USGS TOPO MAP WATERBODY NAME: **Cochecho River** NA STREAM WATERSHED SIZE: NA

LOCATION COORDINATES (if known): **X:1,206,229.4113 Y: 238,432.1428** 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.

The project proposes 1,100 sq. ft. of permanent impact to tidal wetland, 380 sq. ft. of permanent impact to freshwater wetland, and 48 sq. ft. of permanent impact to the previously developed 100' Tidal Buffer Zone for construction of a tidal docking structure consisting of a 4' x 95' accessway, a 4' x 145' fixed wood pier, a 3' x 40' aluminum gangway, and a 10' x 40' float (overall structure length 195') providing two slips on 150 +/- feet of frontage along the Piscataqua River.

4. SHORELINE FRONTAGE:

NA This lot has no shoreline frontage. SHORELINE FRONTAGE: **150 feet**
 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.

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

DES Shoreland: **2015-03016**

6. 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 - 2257**
- b. Designated River the project is in $\frac{1}{4}$ miles of: _____; and
 date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___
- NA

7. APPLICANT INFORMATION (Desired permit holder)

LAST NAME, FIRST NAME, M.I.: Crowell, Kevin			
TRUST / COMPANY NAME:		MAILING ADDRESS:	
TOWN/CITY:	STATE:	ZIP CODE:	
EMAIL or FAX: kevin@baysidenh.com		PHONE: 603-396-2513	

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

8. PROPERTY OWNER INFORMATION (if different than applicant)

LAST NAME, FIRST NAME, M.I.: McClellan, William			
TRUST / COMPANY NAME: Dover Point Properties Dev. LLC		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. AUTHORIZED AGENT INFORMATION

LAST NAME, FIRST NAME, M.I.: Riker, Steven, D.		COMPANY NAME: Ambit Engineering, Inc.	
MAILING ADDRESS: 200 Griffin Road, Unit 3			
TOWN/CITY: Portsmouth	STATE: NH	ZIP CODE: 03801	
EMAIL or FAX: sdr@ambitengineering.com		PHONE: 603-430-9282	


ELECTRONIC COMMUNICATION: By Initialing here *SR*, I hereby authorize NHDES to communicate all matters relative to this application electronically

10. PROPERTY OWNER SIGNATURE

See the Instructions & Required Attachments document for clarification on 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.

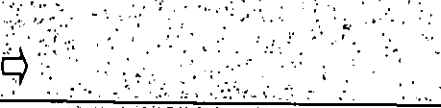
	Agent-See Authorization	Steven D. Riker	12 / 18 / 2018
Property Owner Signature		Print name legibly	Date

MUNICIPAL SIGNATURES

11. 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.

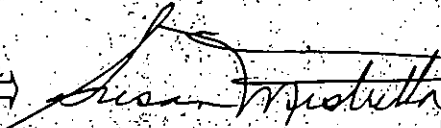
	Print name legibly	Date
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DIRECTIONS FOR CONSERVATION COMMISSION

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 reviewed in the standard review time frame.

12. 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.

	Print name legibly	Town/City	Date
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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.

13. 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. / Ln. Ft.	TEMPORARY Sq. Ft. / Ln. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	380 <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	/ <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	/ <input type="checkbox"/> ATF	/ <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	48 <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	1,100 <input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	1,528 /	/

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

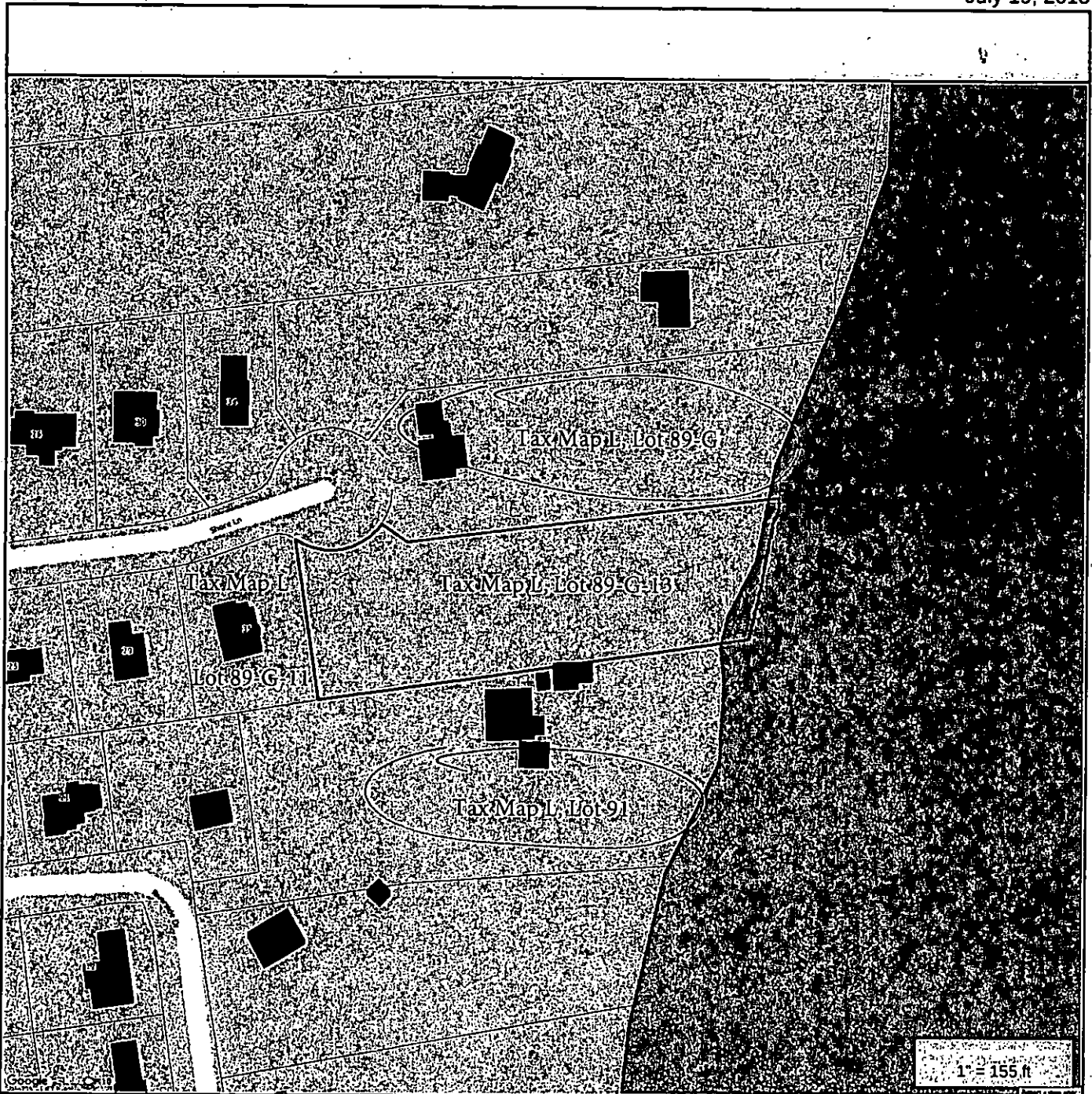
Minimum Impact Fee: Flat fee of \$ 200

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

Permanent and Temporary (non-docking)	_____ sq. ft.	X \$0.20 =	\$ _____
Temporary (seasonal) docking structure:	520 sq. ft.	X \$1.00 =	\$ 520.00
Permanent docking structure:	1,008 sq. ft.	X \$2.00 =	\$ 2,016.00
Projects proposing shoreline structures (including docks) add \$200 =			\$ 200.00
Total =			\$ 2,736.00

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

shoreland@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
www.des.nh.gov



Property Information
 Property ID L0089-G00013
 Location SHORE LN
 Owner DOVER POINT PROPERTIES DEV LLC



**MAP FOR REFERENCE ONLY
 NOT A LEGAL DOCUMENT**

City of Dover, NH makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.
 Parcels updated 03/29/2018
 Properties updated 07/18/2018

Map by NH GRANIT



Legend

- State
- County
- City/Town

X: 1206229.411348
Y: 238432.142809

Map Scale

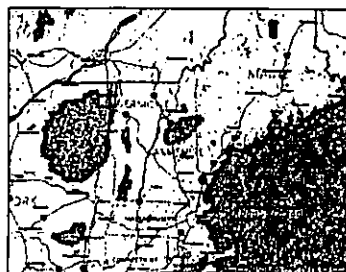
1: 12,988



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Map Generated: 7/19/2018

Notes





NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: John Chagnon, Ambit Engineering, Inc.
200 Griffin Road
Unit 3
Portsmouth, NH 03801

From: NH Natural Heritage Bureau

Date: 7/26/2018 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 7/19/2018

NHB File ID: NHB18-2257 Applicant: Kevin Crowell

Location: Dover
Tax Maps: Tax Map L, Lot 89-G-13

Project

Description: The project proposes to construct a tidal docking structure on the subject lot providing safe recreational boating access on the Piscataqua River.

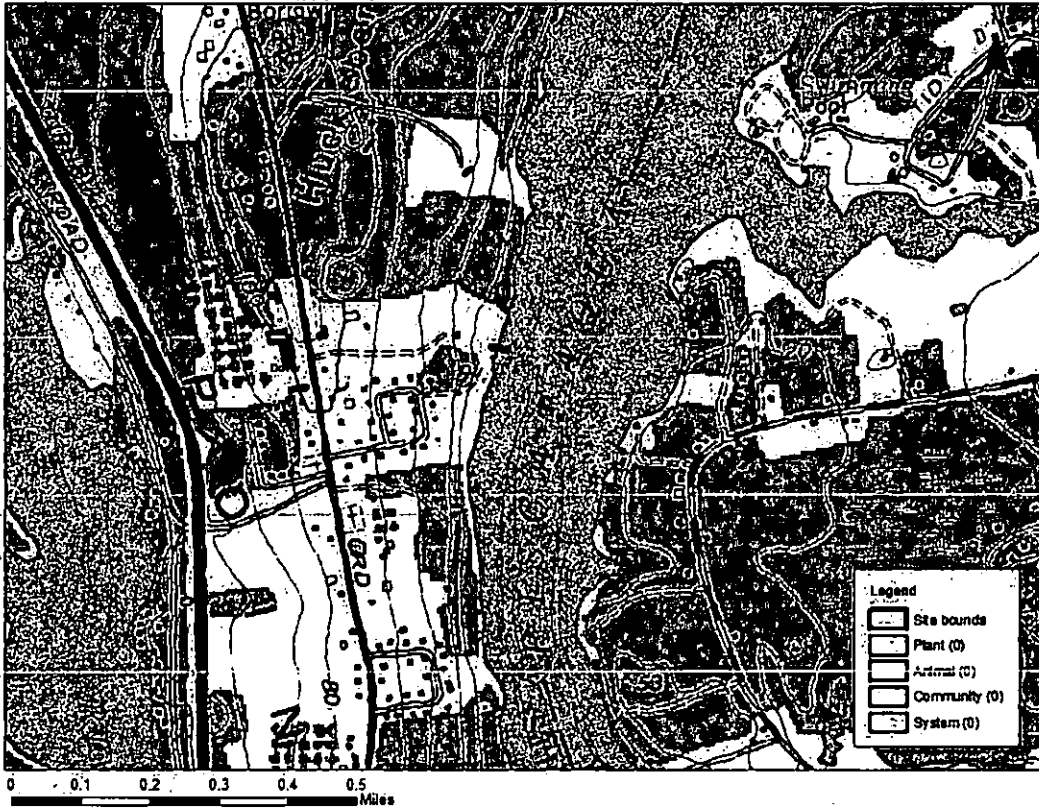
The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered 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 7/19/2018, and cannot be used for any other project.



MAP OF PROJECT BOUNDARIES FOR: NHB18-2257

NHB18-2257



ABUTTER'S LIST

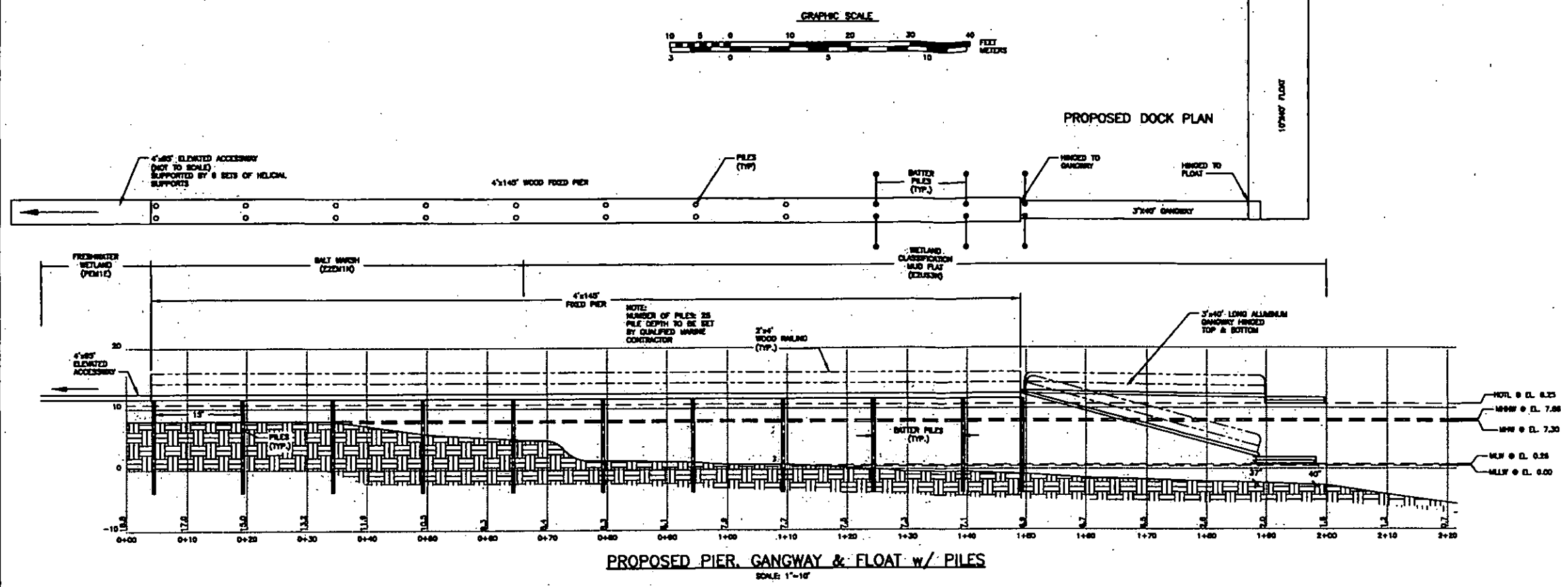
JN. 2552.62

Kevin Crowell

39 Shore Lane

Dover, NH

MAP	LOT	NAME(S)	PO BOX	STREET ADDRESS	CITY/STATE/ZIP
L	89-G	Dover Point Properties Dev. LLC C/O Portsmouth Chevrolet			
L	89-G-11	Mark & Robin Robichaud			
L	91	David P. Fonseca III & Martha M. Werler			
		Engineer			
		Ambit Engineering, Inc. Civil Engineers & Land Surveyors		200 Griffin Road, Unit 3	Portsmouth, NH 03801
		Applicant/Owner			
L	89-G-13	Dover Point Properties Dev. LLC C/O Portsmouth Chevrolet			



- NOTES:**
- 1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-800-ONE-SAFE (1-800-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
 - 2) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.
 - 3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (REVISED DECEMBER 2006).
 - 4) NUMBER OF PILES TO BE DRIVEN FOR DOCKING STRUCTURE NOT TO EXCEED 28 AS DEPICTED ON PROPOSED DOCK ELEVATION. ALSO NOTE TIME OF YEAR AND MOOSE RESTRICTIONS FOR DRIVING OF PILES.
 - 5) VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW), BASED ON NOAA STATION 8420411 COVER, COCHeco RIVER, MLLW BEING 3.93 FEET LOWER THAN 0.00 NAVD83. BASIS OF VERTICAL DATUM IS REDUNDANT RTN GPS OBSERVATIONS (±0.2').

SEQUENCE OF CONSTRUCTION

- 1) MOBILIZATION OF A CRANE BARGE, PUMP BOAT, WORK SHED, MATERIALS AND PREFABRICATED COMPONENTS SUCH AS THE GANGWAY AND FLOAT TO THE SITE VIA APPROVED ACCESS.
- 2) MOBILIZATION OF EQUIPMENT TRUCKS TO THE SITE.
- 3) THE BARGE WILL BE POSITIONED ALONGSIDE THE PROPOSED LOCATION OF THE NEW DOCK AND WATERBARD OF ANY EXISTING VEGETATION TO MINIMIZE IMPACTS.
- 4) INSTALLATION OF THE SUB-STRUCTURE WILL BE PERFORMED FROM A CRANE BARGE OR SHED TO REDUCE THE AMOUNT OF FOOT TRAFFIC IN THE INTERTIDAL AREA.
- 5) ALL WORK WILL BE PERFORMED AT LOW TIDE TO MINIMIZE SEDIMENTATION.
- 6) PILING WILL BE MECHANICALLY DRIVEN BY A CRANE ELIMINATING ANY EXCAVATION FOR INSTALLATION OF THE PILING. PILING ARE DRIVEN TO REFUSAL.
- 7) PILING ARE CUT AND BEAM CAPS ARE INSTALLED AND THE SUPER STRUCTURE OF THE PIER IS BUILT. MATERIALS ARE LIFTED FROM THE BARGE AND SET INTO POSITION BY THE CRANE.
- 8) ONCE THE PIER IS COMPLETE, THE GANGWAY AND FLOAT ARE BROUGHT INTO POSITION AND INSTALLED.

DISCHARGES, AVOIDANCE, MINIMIZATION AND MITIGATION

DISCHARGES OF DREDGED OR FILL MATERIAL INTO WATERS OF THE U.S. AND ANY SECONDARY IMPACTS SHALL BE AVOIDED AND MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. PERMITTEES MAY ONLY FILL THOSE JURISDICTIONAL WETLANDS AND WATERWAYS THAT THE CORP AND NHDES AUTHORIZES TO BE FILLED AND IMPACT THOSE AREAS THAT THE CORP AND NHDES AUTHORIZES AS SECONDARY IMPACTS. IF NOT SPECIFICALLY AUTHORIZED BY USAGE AND NHDES, ANY UNAUTHORIZED FILL OR SECONDARY IMPACT TO WETLANDS MAY BE CONSIDERED AS A VIOLATION OF THE CDA.

* UNLESS SPECIFICALLY AUTHORIZED USAGE AND NHDES, NO WORK SHALL DRAIN A WATER OF THE U.S. BY PROVIDING A CONDUIT FOR WATER ON OR BELOW THE SURFACE.

HEAVY EQUIPMENT IN WETLANDS

HEAVY EQUIPMENT OTHER THAN FOOD EQUIPMENT (DRILL RIGS, FOOD CRANES, ETC.) WORKING IN WETLANDS SHALL NOT BE STORED, MAINTAINED OR REPAIRED IN WETLANDS, UNLESS IT IS LESS ENVIRONMENTALLY DAMAGING OTHERWISE, AND AS MUCH AS POSSIBLE SHALL NOT BE OPERATED WITHIN THE INTERTIDAL ZONE. WHERE CONSTRUCTION REQUIRES HEAVY EQUIPMENT OPERATION IN WETLANDS, THE EQUIPMENT SHALL EITHER HAVE LOW GROUND PRESSURE (<3 PSI), OR SHALL NOT BE LOCATED DIRECTLY ON WETLAND SOILS AND VEGETATION. IT SHALL BE PLACED ON SHIMP MATS THAT ARE ADEQUATE TO SUPPORT THE EQUIPMENT IN SUCH A MANNER AS TO MINIMIZE DISTURBANCE OF WETLAND SOIL AND VEGETATION. SHIMP MATS ARE TO BE PLACED IN THE WETLAND FROM THE UPLAND OR FROM EQUIPMENT POSITIONED ON SHIMP MATS IF WORKING WITHIN A WETLAND. DRAGGING SHIMP MATS INTO POSITION IS PROHIBITED. OTHER SUPPORTING STRUCTURES THAT ARE LESS IMPACTING AND ARE CAPABLE OF SAFELY SUPPORTING EQUIPMENT MAY BE USED WITH WRITTEN CORPS AND NHDES AUTHORIZATION. SIMILARLY, NOT USING MATS DURING FROZEN, DRY OR

OTHER CONDITIONS MAY BE ALLOWED WITH WRITTEN CORPS AND NHDES AUTHORIZATION. AN ADEQUATE SUPPLY OF SPILL CONTAINMENT EQUIPMENT SHALL BE MAINTAINED ON SITE. CONDUIT ROADS AND SHIMP/CONSTRUCTION MATS ARE CONSIDERED AS FILL WHETHER THEY'RE INSTALLED TEMPORARILY OR PERMANENTLY.

TIME OF YEAR WORK WINDOW AND NOISE RESTRICTIONS

- A. PILES INSTALLED IN-TO THE DRY DURING LOW WATER OR IN-WATER BETWEEN NOV. 6TH - APR. 6TH, OR
1. MUST BE DRILLED AND FINISHED TO LEGGE, OR
 2. VIBRODRY HAMMERS USED TO INSTALL ANY SIZE AND QUANTITY OF WOOD, CONCRETE OR STEEL PILES, OR
 3. IMPACT HAMMERS LIMITED TO ONE HAMMER AND 250 PILES INSTALLED/DRY WITH THE FOLLOWING: WOOD PILES OF ANY SIZE, CONCRETE PILES 48-INCHES DIAMETER, STEEL PILES 12-INCHES DIAMETER IF THE HAMMER IS <3000 LBS. AND A WOOD CUSHION IS USED BETWEEN THE HAMMER AND STEEL PILE.
- FOR I-W ABOVE:
1. IN-WATER NOISE LEVELS SHALL NOT >157dB SEL RE 6\"/>

WORK SITE RESTORATION

- * UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED WETLAND AREAS SHALL BE PROPERLY RESTORED. ANY SEED MIX SHALL CONTAIN ONLY PLANT SPECIES NATIVE TO NEW ENGLAND.
- * THE INTRODUCTION OR SPREAD OF NON-NATIVE PLANT SPECIES IN DISTURBED AREAS IS PROHIBITED.
- * IN AREAS OF AUTHORIZED TEMPORARY DISTURBANCE, IF TREES ARE CUT THEY SHALL BE CUT AT GROUND LEVEL AND NOT UPROOTED IN ORDER TO PREVENT DISRUPTION TO THE WETLAND SOIL STRUCTURE AND TO ALLOW STUMP SPROUTS TO REVEGETATE THE WORK AREA UNLESS OTHERWISE AUTHORIZED.
- * WETLAND AREAS WHERE PERMANENT DISTURBANCE IS NOT AUTHORIZED SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND ELEVATION, WHICH UNDER NO CIRCUMSTANCES SHALL BE HIGHER THAN THE PRE-CONSTRUCTION ELEVATION. ORIGINAL CONDITION MEANS CAREFUL PROTECTION AND/OR REMOVAL OF EXISTING SOIL AND VEGETATION, AND REPLACEMENT BACK TO THE ORIGINAL LOCATION SUCH THAT THE ORIGINAL SOIL LAYERING AND VEGETATION BOUNDARIES ARE APPROXIMATELY THE SAME, UNLESS OTHERWISE AUTHORIZED.

SEDIMENTATION AND EROSION CONTROL

ADEQUATE SEDIMENTATION AND EROSION CONTROL MANAGEMENT MEASURES, PRACTICES AND DEVICES, SUCH AS PHASED CONSTRUCTION, VEGETATED FILTER STRIPS, GEOTEXTILE Silt FENCES, STORMWATER DETENTION AND INFILTRATION SYSTEMS, SEDIMENT DETENTION BASINS, OR OTHER DEVICES SHALL BE INSTALLED AND PROPERLY MAINTAINED TO REDUCE EROSION AND RETAIN SEDIMENT ON-SITE DURING AND AFTER CONSTRUCTION. THEY SHALL BE CAPABLE OF PREVENTING EROSION, OF COLLECTING SEDIMENT, SUSPENDED AND FLOATING MATERIALS, AND OF FILTERING FINE SEDIMENT. THE DISTURBED AREAS SHALL BE STABILIZED AND THESE DEVICES SHALL BE REMOVED UPON COMPLETION OF WORK. THE SEDIMENT COLLECTED BY THESE DEVICES SHALL BE REMOVED AND PLACED AT AN UPLAND LOCATION, IN A MANNER THAT WILL PREVENT ITS LATER EROSION INTO A WATERWAY OR WETLAND. ALL EXPOSED SOIL AND OTHER FILLS SHALL BE PERMANENTLY STABILIZED AT THE EARLIEST PRACTICABLE DATE.

SPAWNING AREAS

DISCHARGES OF DREDGED OR FILL MATERIAL, AND/OR SUSPENDED SEDIMENT, PRODUCING ACTIVITIES IN FISH AND SHELLFISH SPAWNING OR NURSERY AREAS, OR AMPHIBIAN AND MIGRATORY BIRD BREEDING AREAS, DURING SPAWNING OR BREEDING SEASONS SHALL BE AVOIDED. IMPACTS TO THESE AREAS SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE DURING ALL TIMES OF THE YEAR. INFORMATION ON SPAWNING HABITAT FOR SPECIES MANAGED UNDER THE MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT (S.E. 574 FOR SPAWNING ADULTS) CAN BE OBTAINED FROM THE NHP'S WEBSITE AT: WWW.NHD.NH.AGOV/NCO.

STORAGE OF SEASONAL STRUCTURES

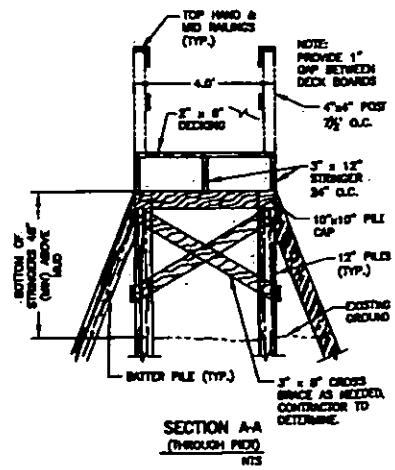
CONCRETE STRUCTURES SUCH AS PIER SECTIONS, FLOATS, ETC. THAT ARE REMOVED FROM THE WATERWAY FOR A PORTION OF THE YEAR (OFTEN REFERRED TO AS SEASONAL STRUCTURES) SHALL BE STORED IN AN UPLAND LOCATION, LOCATED ABOVE HIGHEST OBSERVABLE TIDE LINE (HOTL) AND NOT IN TIDAL WETLANDS. THESE SEASONAL STRUCTURES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

ENVIRONMENTAL FUNCTIONS AND VALUES

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

INSPECTIONS

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



CROWELL RESIDENCE
 39 SHORE LANE
 DOVER, N.H.

NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	12/12/18



SCALE: AS SHOWN DECEMBER 2018

DOCK DETAILS **D1**