



The State of New Hampshire MAR11 '20 AM 9:44 DAS
Department of Environmental Services



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Robert R. Scott, Commissioner

March 9, 2020

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

REQUESTED ACTION

Approve Linda Conforti-Brown Revocable Trust's request to perform the following work on Oyster River in Durham. File # 2019-02976. This project will not have significant impact on or adversely affect the values of Oyster River.

Impact a total of 990 square feet including 80 square feet of permanent impact to the previously developed upland tidal buffer zone and 910 square feet of permanent impact to tidal wetlands, to construct a new tidal docking structure. The new structure consists of a 4 foot by 20 foot access way connecting to a 4 foot by 140 foot fixed pier connecting to a 3 foot by 50 foot ramp connecting to a 10 foot by 20 foot float. The overall structure length seaward of the highest observable tide line is 210 feet, providing one slip on 305 feet of frontage along the Oyster 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 Olcott Planning & Design, LLC dated May 28, 2019, revised through November 30, 2019, last received by the NH Department of Environmental Services (NHDES) on January 07, 2020.
2. Not less than 5 state business days prior to starting work authorized by this permit, the permittee shall notify the NHDES Wetlands Bureau (Stefanie.Giallongo@des.nh.gov) and the local conservation commission in writing of the date on which work under this permit is expected to start.
3. This permit shall not be effective until it is 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.
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. 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.
6. This tidal docking structure consisting of a 4 foot by 20 foot access way connecting to a 4 foot by 140 foot fixed pier connecting to a 3 foot by 50 foot ramp connecting to a 10 foot by 20 foot float, with an overall structure length seaward of the highest observable tide line of 210 feet, providing one slip on 305 feet of frontage on the Oyster River, and shall be the only docking structure on this water frontage.

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

7. There shall be no removal of mature trees along the shoreline of the river on this property associated with the construction of the dock and access way.
8. Construction of the dock shall occur from a barge equipped with a crane, at low tide, to reduce potential impacts to the river bank and the estuarine intertidal and subtidal wetlands.
9. Pile driving shall be done during low tide to the maximum extent practicable.
10. Decking shall be a minimum of 4 feet above the mud and have at least 3/4-inch spacing between the decking planks to provide sufficient sunlight penetration and rainfall to underlying vegetation.
11. 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.
12. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
13. Work shall be conducted in a manner that avoids excessive discharges of sediments to fish spawning areas.
14. 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.
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

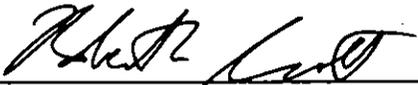
The NHDES approved this project on February 05, 2020. The NHDES supported its decision with the following findings:

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. Potential alternate locations for the structure would result in greater adverse environmental impact due to significant tree clearing, grading and stream/drainage crossing in order to access that portion of the frontage. As approved, the structure will be accessed through a previously-disturbed area.
4. The proposed dock is the minimum length necessary to provide access at this location for the majority 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 3/4-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 received by the NHDES on January 07, 2020, the applicant's agent requested a waiver from the NHDES to New Hampshire Administrative Rule Env-Wt 301.01(g)(1), Delineation of Wetland Boundaries (requiring stamped plans for major projects).
9. The highest observable tide line and tidal wetland areas were delineated in accordance with the 1987 Army Corps of Engineers Wetland Delineation Manual, also based on visual indicators (i.e., waterline and flotsam line along the embankment) in combination with the surveyed elevation data.
10. In accordance with New Hampshire Administrative Rule Env-Wt 204.04, Criteria, a waiver will be granted if the project will not have an adverse impact to the environment or natural resources of the state, public health, or public safety, and the strict compliance with the rule will provide no benefit to the public and will cause an operational or economic hardship to the applicant.
11. The Natural Heritage Bureau (NHB) report submitted with the application package (NHB19-2656) stated that although there was a NHB record present in the vicinity, no impact is expected as a result of the project.
12. In correspondence dated August 21, 2019, signed authorization was provided by the applicant to allow their agent to act on their behalf throughout the permitting process.
13. In correspondence dated September 26, 2019, the NH Division of Historical Resources found that there would be no adverse effect on historic properties by the proposed project.
14. The NHDES staff field inspection on September 25, 2019 found that the site is accurately represented in the application.
15. In correspondence dated September 25, 2019, the Pease Development Authority, Division of Ports and Harbors, determined that the project would have no negative effect on navigation in the channel.
16. 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.
17. On November 01, 2019, the NHDES approved a permit on the same property (2019-02428) to impact 1,280 square feet within the previously-developed upland tidal buffer zone to install a patio area leading to a stone pathway with stone steps leading to a mulch pathway to a future fixed-pier docking structure.

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



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management



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

		Administrative Use Only	File No: 2019-02976
			Check No.: 103
			Amount: \$ 1,830.00
			File ID: L81

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 Questions.

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 within which wetland impacts occur.

ADDRESS: **112 Piscataqua Road** TOWN/CITY: **Durham**

TAX MAP: **11** BLOCK: **24** LOT: **2** UNIT: _____

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

LOCATION COORDINATES (if known): **43.132deg N, -70.883deg E**
 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.

The project involves the construction of a 4' x 140' fixed pier structure with a 3' x 50' gangway and a 10' x 20' float, to be located by float pilings and positioned over float stops to remain suspended off the substrate at all tides. No trees will be cut down as part of this project and ground disturbing activity is limited to pile driving. All pile driving will be conducted at low tide to minimize potential of creating turbidity and sedimentation issues. Best Management Practices will be employed throughout construction.

5. SHORELINE FRONTAGE:

N/A This does not have shoreline frontage. SHORELINE FRONTAGE: = (365' Actual+245' Line)/2 = 305'
 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 (Env-Wt 101.89).

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 Webpage.

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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input 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 19 - 2656**
- b. This project is within a Designated River corridor. The project is within ¼ mile of: _____; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___
- N/A - This project is not within a Designated River corridor.

8. APPLICANT INFORMATION (Desired permit holder)LAST NAME, FIRST NAME, M.I.: **Brown, Larry & Conforti-Brown, Linda**

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.: **Brown, Larry & Conforti-Brown, Linda**TRUST / COMPANY NAME: **Linda Conforti-Brown Revocable Trust**

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.: **Olcott, James**COMPANY NAME: **Olcott Planning & Design, LLC**MAILING ADDRESS: **48 Pocahontas Road**TOWN/CITY: **Kittery Point**STATE: **ME**ZIP CODE: **03905**EMAIL or FAX: **jolc89@gmail.com**PHONE: **845-729-2449**ELECTRONIC COMMUNICATION: By initialing here **JO**, 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 National Historic Preservation Act (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 NHDES 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

James Olcott**9 / 13 / 19**

Property Owner Signature

Print name legibly

Date

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.

⇒	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.

⇒ <i>Rachel Deane</i>	<i>Rachel Deane</i> Print name legibly	<i>Durham</i> Town/City	<i>9/17/19</i> 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.

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 completed.

Intermittent Streams: linear footage distance of disturbance is measured along the thread of the channel.

Perennial Streams/ Rivers: the total linear footage distance is calculated by summing the lengths of disturbance to the channel and each bank.

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 channel	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Perennial Stream / River channel	/ <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	990 / <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
Vernal Pool	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	/	/

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) _____ sq. ft. X \$0.20 = \$ _____

Temporary (seasonal) docking structure: 350 sq. ft. X \$1.00 = \$ 350

Permanent docking structure: 640 sq. ft. X \$2.00 = \$ 1280

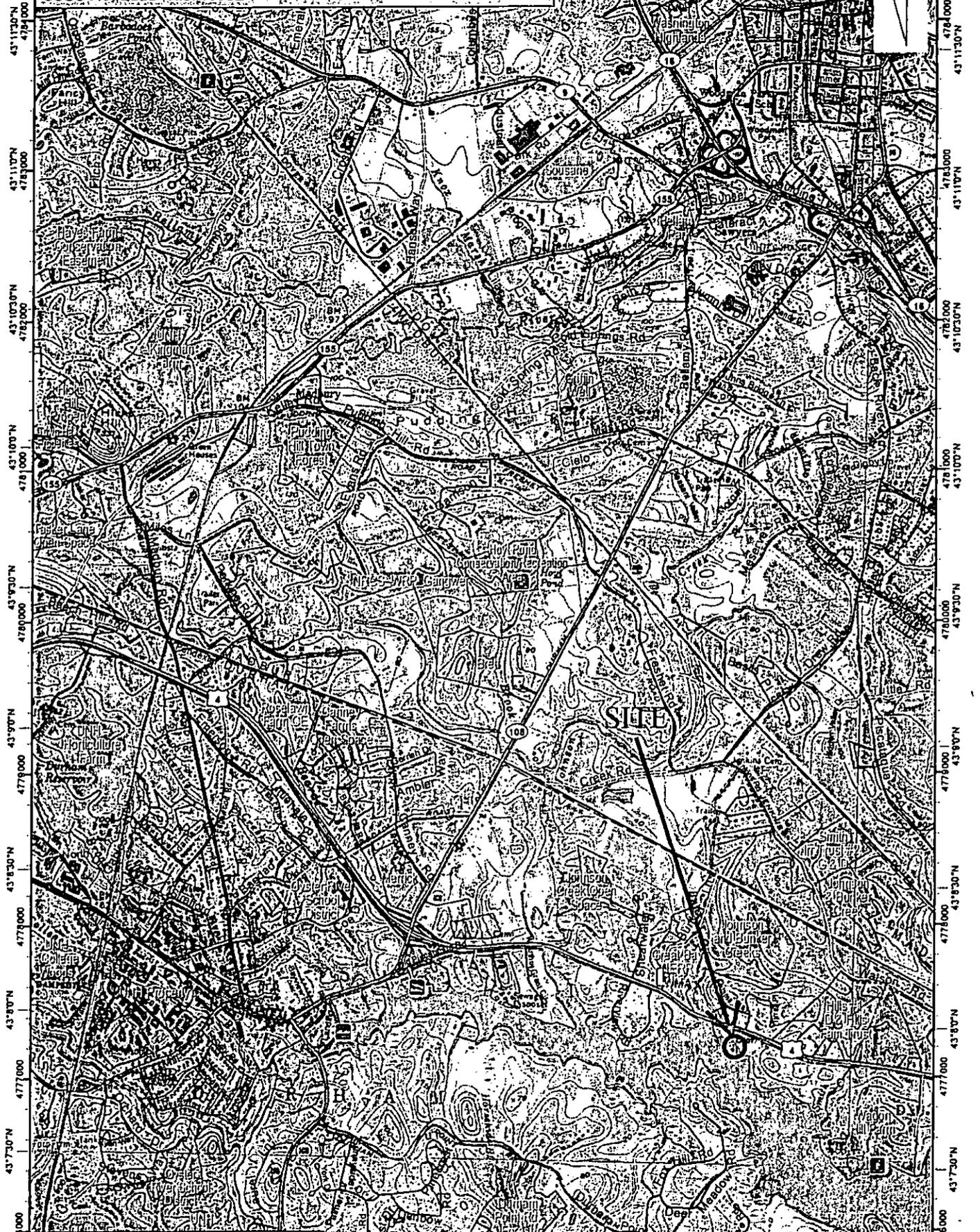
Projects proposing shoreline structures (including docks) add \$200 = \$ 200

Total = \$ 1830

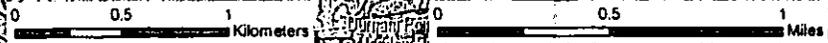
The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 1830

70°56'30"W 70°56'0"W 70°55'30"W 70°55'0"W 70°54'30"W 70°54'0"W 70°53'30"W 70°53'0"W 70°52'30"W

DOVER WEST
USGS 7.5' Quad Tile: 155SE



Map prepared June, 2017
Data from GRANIT at Earth Systems Research Center (UNH)
and Open Street Map contributors. NH GRANIT and cooperating
agencies make no claim to validity or reliability or to any implied
uses of these data. Basemap © 2015 National Geographic Society



70°56'30"W 70°56'0"W 70°55'30"W 70°55'0"W 70°54'30"W 70°54'0"W 70°53'30"W 70°53'0"W 70°52'30"W



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: James Olcott
48 Pocahontas Rd

Kittery Point, ME 03905

From: NH Natural Heritage Bureau

Date: 8/29/2019 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 8/19/2019

NHB File ID: NHB19-2656

Applicant: James Olcott

Location: Durham
Tax Maps: 11-24-2

Project

Description: The project involves the construction of a 4' x 140' fixed pier structure with a 3' x 50' gangway and a 10' x 20' float. Float will be located by float pilings and positioned over float stops to remain suspended off the substrate at all tides. No trees will be cut down as part of this project and ground disturbing activity is limited to pile driving. All pile driving will be done at low tide to minimize potential of creating turbidity and sedimentation issues.

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.

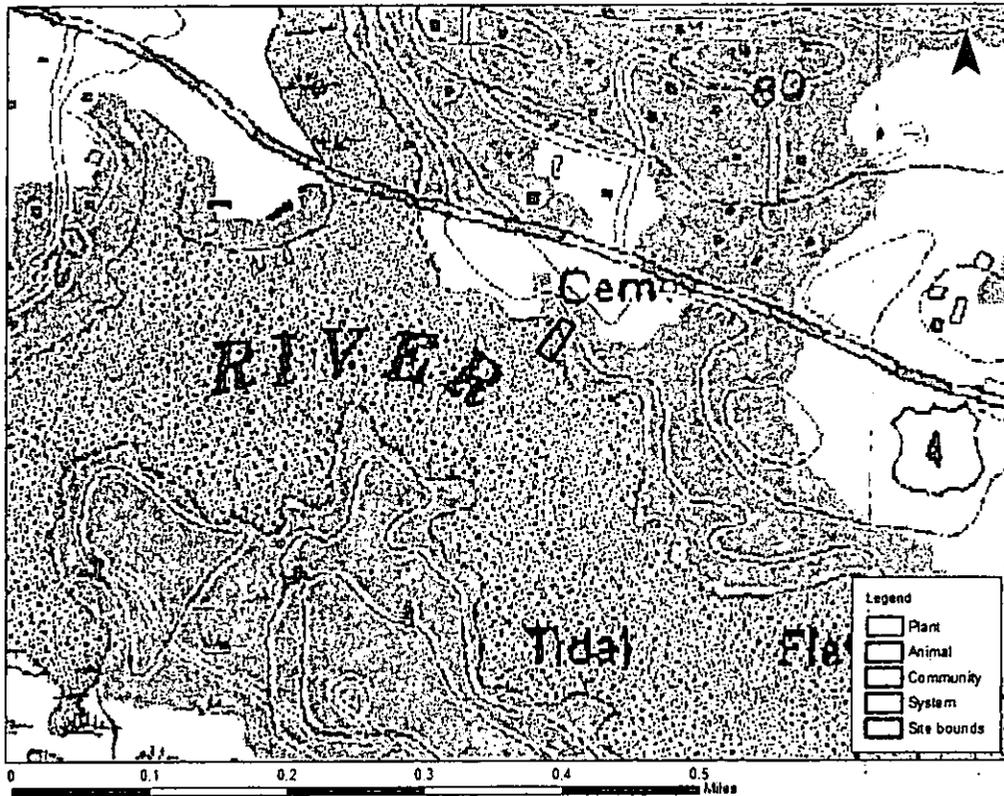
It was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 8/19/2019, and cannot be used for any other project.



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATA CHECK RESULTS LETTER

MAP OF PROJECT BOUNDARIES FOR: NHB19-2656

NHB19-2656



LIST OF ABUTTING PROPERTY OWNERS

TO DOVER TAX MAP/LOT: 11-24-2

LARRY & LINDA BROWN

TAX MAP/LOT: 11-24-1

Loring & Brenda Tirrell

TAX MAP/LOT: 11-24-3-B,C,D

Alexander Bakman Revocable Trust

TAX MAP/LOT: 11-24-3-A

Pascal & Christine Orliac

Current property owner of record for Durham Tax Map 11 Lot 24-2 is:

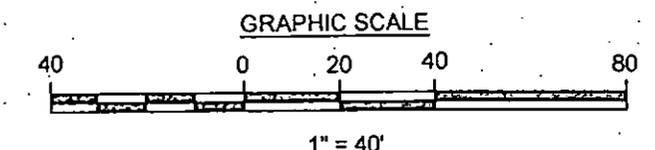
Linda Conforti-Brown Revocable Trust
Larry G. Brown Revocable Trust
112 Piscataqua Road
Durham, NH 03824

- The intent of this plan is to permit the installation/construction of a fixed pier and floating dock structure in the lower Oyster River.
- This plan is intended for the sole purpose of DES Wetlands Bureau Application and associated permitting. This plan does not represent a boundary survey, nor is it intended to represent a boundary survey. I am not a licensed land surveyor. Boundary information from existing monuments, previous boundary survey (CivilWorks c. 2001) and deed. Elevation contours are approximate and intended for representational purposes only.
- Field locations and wetland topography by James Olcott. Wetland topography based on previous surveys and MLW conversion to NAVD88 datum via NOAA vDatum software by James Olcott.

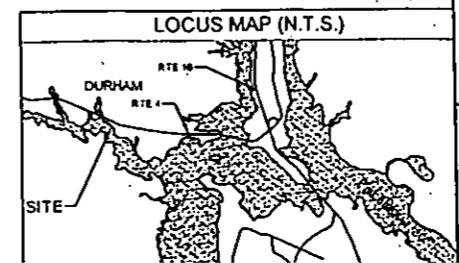
HOTL: 5.6'
MHW: 4.3'
MLLW: -2.9'

- HOTL delineated in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual, as required by DES Wetlands Bureau.
- Total proposed impact area of the access, pier, gangway and float system to be constructed on Durham Tax Map/Lot: 11-24-2 is ±990ft².
- Construction Overview:
 - The proposed work includes the installation of a 4' X 140' pile-supported fixed pier structure and associated 20' access with a 3' X 50' aluminum gangway and a 10' X 20' float (total impact area: ±990ft²).
 - Float will be located by pilings and positioned over float stops to remain suspended off the substrate at all tides.
 - Float stops to consist of four (4) pilings installed in unconsolidated substrate (E2US3N) with horizontal support at a height of >18".
 - Twenty (20) PTSYP pilings will be installed in unconsolidated substrate (E2US3N) for fixed pier support with a bent spacing of ±15'.
 - Seaward bents to have additional batter support to help protect against seasonal ice damage.
 - Pile driving is the extent of ground-disturbing activity proposed and will occur at low tide only to minimize turbidity and sedimentation deposition issues.
- Once piles are installed, caps, joists, decking and handrails will be constructed, in that order:
 - The proposed fixed pier is to be entirely PTSYP timber construction.
 - The height of the pier's decking over the surface of the wetland at normal high tide will be equal to the width of the decking. Decking will have 1/2" spacing between planks.
- Best Management Practices will be employed throughout the construction phase.
- Surrounding impact will be kept to minimum. Any disturbed areas will be fully restored following construction.
- No trees will be cut down for the completion of this project. Plan representation does not depict all existing trees on the property.

RECEIVED
JAN 07 2020
ENVIRONMENTAL SERVICES
"BY NH DES WETLANDS BUREAU"



- LEGEND:
- PROPERTY LINE: _____
 - PROPERTY IMAGINARY EXT.: _____
 - PROPERTY 20' SETBACK: _____
 - CONTOUR: _____
 - HOTL: _____
 - MHW: _____
 - MSL: _____
 - MLLW: _____
 - PACHYSANDRA: _____
 - TREE: _____
 - EXISTING STRUCTURE: _____



WETLANDS BUREAU APPLICATION PLAN

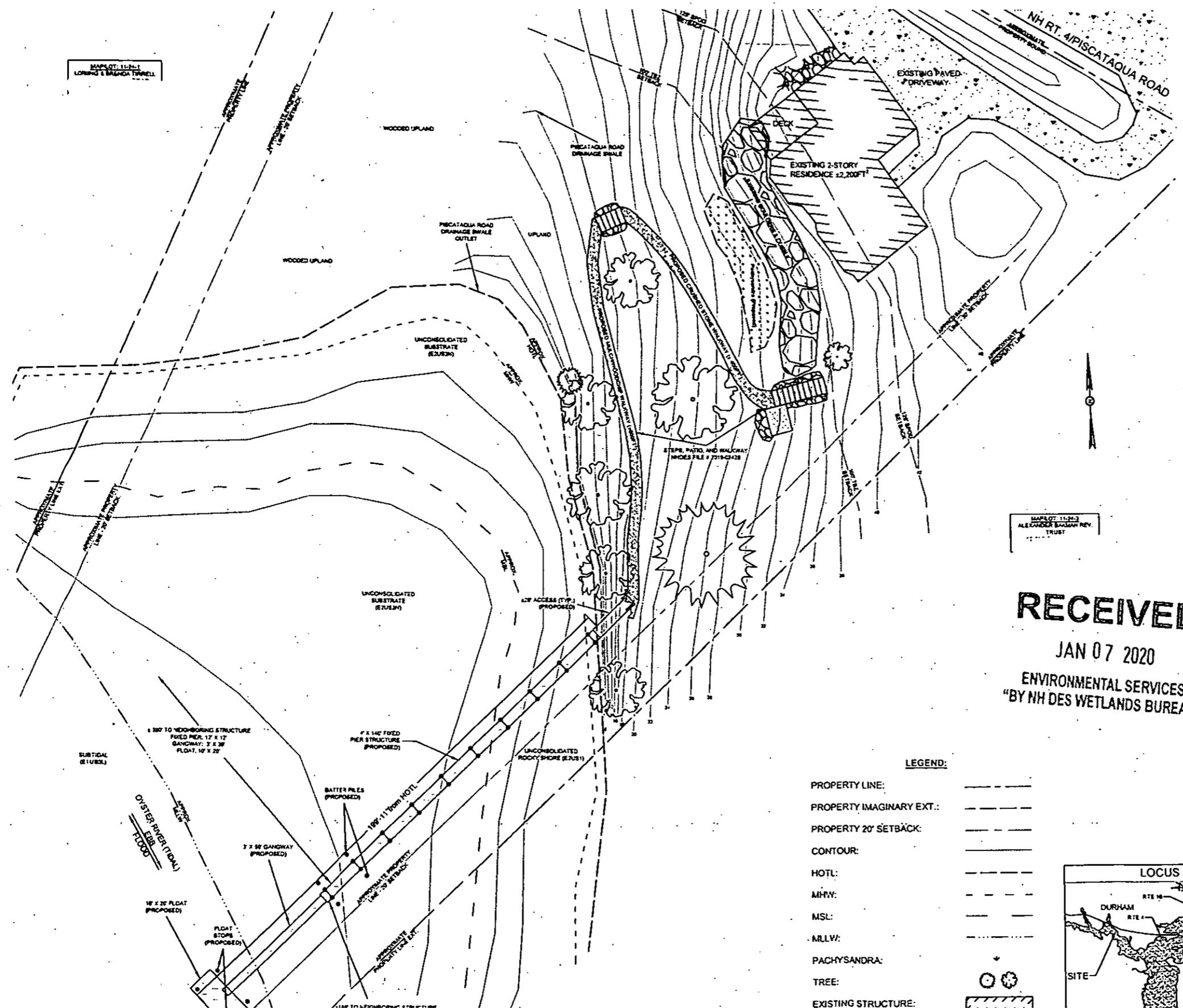
PREPARED FOR: Larry Brown & Linda Conforti-Brown
112 Piscataqua Road
Durham, NH 03824

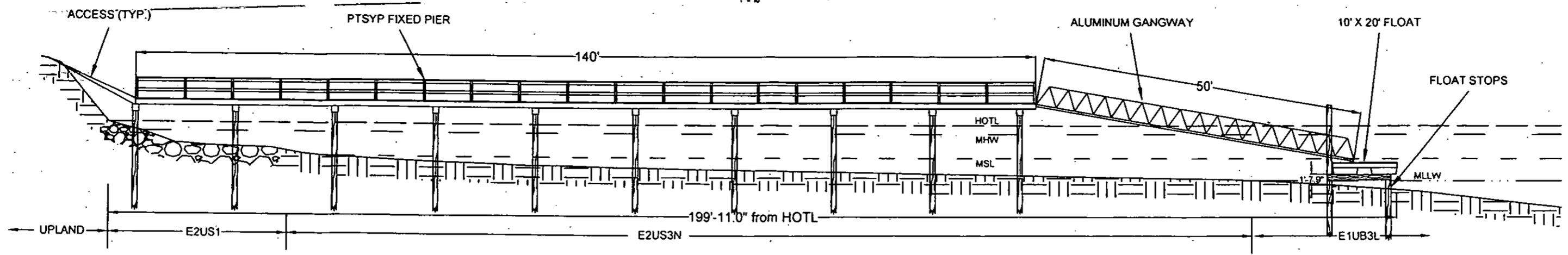
DATE OF DRAFTING: 05/28/19

DRAFTED BY: OLCOTT PLANNING & DESIGN, LLC

JAMES OLCOTT
48 POCAHONTAS RD
KITTEERY POINT, ME 03905
845.720.7449

APPROVED PLAN





LEGEND:

- HOTL:
- MHW:
- MSL:
- MLLW:
- SUBSTRATE:
- WETLANDS DIVIDER:
- PROPOSED DOCK:

GENERAL NOTES:

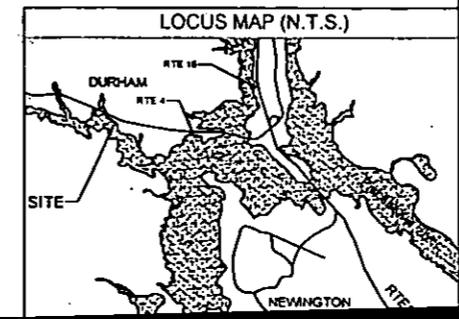
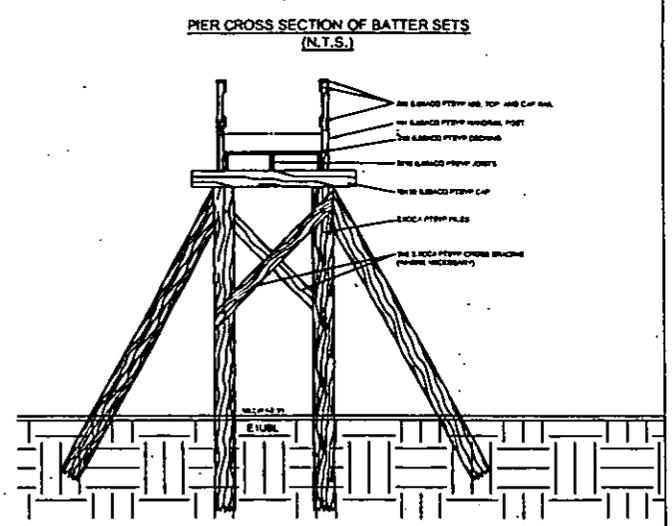
Current property owner of record for Durham Tax Map 11 Lot 24-2 is:
 Linda Conforti-Brown Revocable Trust
 Larry G. Brown Revocable Trust
 112 Piscataqua Road
 Durham, NH 03824

HOTL: 5.6'
 MHW: 4.3'
 MLLW: -2.9'

1. The intent of this plan is to permit the installation/construction of a fixed pier and floating dock structure in the lower Oyster River.
2. This plan is intended for the sole purpose of DES Wetlands Bureau Application and associated permitting. This plan does not represent a boundary survey, nor is it intended to represent a boundary survey. I am not a licensed land surveyor. Boundary information from existing monuments, previous boundary survey (CivilWorks c. 2001) and deed. Elevation contours are approximate and intended for representational purposes only.
3. Field locations and wetland topography by James Olcott. Wetland topography based on previous previous surveys and MLW conversion to NAVD88 datum via NOAA vDatum software by James Olcott.

4. HOTL delineated in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual, as required by DES Wetlands Bureau.
5. Total proposed impact area of the access, pier, gangway and float system to be constructed on Durham Tax Map/Lot: 11-24-2 is ±990ft².
6. Construction Overview:
 - 6.1. The proposed work includes the installation of a 4' X 140' pile-supported fixed pier structure and associated 20' access with a 3' X 50' aluminum gangway and a 10' X 20' float (total impact area: ±990ft²).
 - 6.1.1. Float will be located by pilings and positioned over float stops to remain suspended off the substrate at all tides.
 - 6.1.2. Float stops to consist of four (4) pilings installed in unconsolidated substrate (E2US3N) with horizontal support at a height of >18".
 - 6.2. Twenty (20) PTSYP pilings will be installed in unconsolidated substrate (E2US3N) for fixed pier support with a bent spacing of ±15'.
 - 6.2.1. Seaward bents to have additional batter support to help protect against seasonal ice damage.
 - 6.2.2. Pile driving is the extent of ground-disturbing activity proposed and will occur at low tide only to minimize turbidity and sedimentation deposition issues.
 - 6.3. Once piles are installed, caps, joists, decking and handrails will be constructed, in that order.
 - 6.3.1. The proposed fixed pier is to be entirely PTSYP timber construction.
 - 6.3.2. The height of the pier's decking over the surface of the wetland at normal high tide will be equal to the width of the decking. Decking will have 2" spacing between joists.

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 "BY NH DES WETLANDS BUREAU"



WETLANDS BUREAU APPLICATION PLAN

PREPARED FOR: Larry Brown & Linda Conforti-Brown
 112 Piscataqua Road
 Durham, NH 03824

DATE OF DRAFTING: 05/28/19

DRAFTED BY: OLCOTT PLANNING & DESIGN, LLC

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