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

**Robert R. Scott, Commissioner**

76

May 01, 2025

Her Excellency, Governor Kelly A. Ayotte
and The Honorable Council
State House
Concord, NH 03301

REQUESTED ACTION

Approve Saddle Trail Drive Homeowners Association's request to perform the following work on Cocheco River in Dover pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2023-00062, and in accordance with RSA 482-A:3. Comments submitted by the Dover Conservation Commission, stating their approval of the project as proposed, are included in the enclosed documents.

Impact 96 square feet (SF) of upland tidal buffer zone and 1,410 SF of tidal wetland and tidal waters to construct a new tidal docking structure consisting of a 4 foot by 24 foot access ramp connected to a 4 foot by 165 foot fixed pier connected to a 3 foot by 50 foot ramp connected to a 8 foot by 75 foot float in a "T" configuration secured with helical moorings and chains to provide shared water access to 4 lots. The overall length of this docking structure, seaward of the highest observable tide line, is 223 feet, on approximately 690 feet of frontage on the Cocheco River in Dover.

NHDES imposed the following conditions as part of this approval:

1. All work shall be done in accordance with the approved plan sheets C1, titled "Existing Conditions Plan," dated September 2022, and revised through June 13, 2023, C2, titled "NH DES Permit Plan," dated September 2022, and revised through June 15, 2023, and D1, titled "Dock Details," dated September 2022, and revised through June 28, 2023, by Ambit Engineering, Inc., and received by the NH Department of Environmental Services (NHDES) on June 29, 2023, in accordance with Env-Wt 307.16.
2. This permit shall not be effective until the permittee records this permit at the Strafford County Registry of Deeds. Any limitations or conditions in the permit so recorded shall run with the land beyond the expiration of the permit. The permittee shall provide the NHDES with a copy of the permit stamped by the registry with the book and page and date of receipt, in accordance with New Hampshire Administrative Rule Env-Wt 314.02(b) and (c).
3. The ramp and float portions of residential tidal docks shall be seasonal and removed from the water during the non-boating season, in accordance with Env-Wt 606.06(b).
4. Tidal docking installation shall be done by barge or upland to prevent the driving of construction equipment in or through tidal waters/wetlands or on the bottom of the inter-tidal zone, in accordance with Env-Wt 606.05(b).
5. Tidal docking construction shall be done in accordance with the standard conditions in Env-Wt 307.
6. Heavy equipment shall not be operated in any jurisdictional area unless specifically authorized by this permit, in accordance with Env-Wt 307.15(a).

7. In accordance with Env-Wt 307.03(h), equipment shall be staged and refueled outside of jurisdictional areas and in accordance with Env-Wt 307.15.
8. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
9. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
10. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.

EXPLANATION

NHDES approved this project on March 31, 2025. NHDES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 606.17(a)(1), for all new overwater structure construction in tidal waters/wetlands.
2. On June 29, 2023, NHDES received correspondence from the NH Natural Heritage Bureau (NHB) dated June 14, 2023, and June 29, 2023, stating that NHB agrees with the recommendations provided by the agent to avoid direct impacts to the protected plant species and exemplary natural communities identified, and "based on the details provided on the [revised] plans, NHB agrees that impacts to [the protected plant species] will be minimized to the greatest possible extent" and that "NHB has no further concerns regarding this project."
3. NHDES finds that the project as approved and conditioned will not have an unreasonable adverse impact on the value of such areas as sources of nutrients for finfish, crustacea, shellfish and wildlife of significant value, nor will it damage or destroy habitats and reproduction areas for plants, fish and wildlife of importance.
4. On March 1, 2023, NHDES received correspondence from the Dover Conservation Commission stating that the "Commission voted unanimously on February 13th, 2023, to endorse the application."
5. On May 9, 2023, the applicant obtained a statement from the Pease Development Authority, Division of Ports and Harbors regarding the projects impact on navigation and passage stating, "[w]e examined the proposed site and found that the structure will have no negative effect on navigation in the channel," per Rule Env-Wt 603.09.
6. On February 4, 2025, NHDES received correspondence from the US Army Corps of Engineers (USACE) stating that "[T]his [correspondence] is confirmation that the Corps finds the design & location acceptable for the proposed dock."
7. In an email received by NHDES on December 6, 2023, a representative of an abutter to the project expressed concerns "that the lot over which the proposed Project is to be constructed, Tax Map #N, Lot# 8-1 ("Open Space B"), is part of the Open Space within the Saddle Trail Drive neighborhood (the "Subdivision"), and consequently that lot is to remain permanently undeveloped as Open Space. Specifically, [the abutters] believe that the proposed Project constitutes "development" which is prohibited by City of Dover Subdivision Regulations governing Open Space Subdivisions and the restriction in the deed with which Open Space B was conveyed to the Saddle Trail Drive Homeowner's Association (the "Association")."

8. Relative to the above-referenced email, NHDES does not regulate local planning or zoning ordinances.
9. Per Rule Env-Wt 313.01(a)(5), and as required by RSA 482-A:11, II, this permit for work to dredge or fill will not 'infringe on the property rights or unreasonably affect the value or enjoyment of property of abutting owners'.
10. NHDES finds that the requirements for a public hearing, as established in RSA 482-A, do not apply as the project will not have a significant environmental impact, as defined in New Hampshire Administrative Rule Env-Wt 104.19, on the resources protected by RSA 482-A, and, is not of substantial public interest, as defined in New Hampshire Administrative Rule Env-Wt 104.32.

NHDES Wetlands Bureau permit #2023-00062 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.

Robert R. Scott
Commissioner

# STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION

## Water Division/Land Resources Management

## Wetlands Bureau

Check the Status of your Application

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

**APPLICANT'S NAME: Saddle Trail Drive Homeowners Association** **TOWN NAME: Dover**

| | | | |
|---|---|---|---|
| RECEIVED JAN 18 2023 NHDES LAND RESOURCES MANAGEMENT | COMPLETE JAN 18 2023 | Administrative Use Only | File No.: 2023-00062<br>Check No.: 4575<br>Amount: 4,924.00<br>Initials: BH |

A person may request a waiver of the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment but is still in compliance with RSA 482-A. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III(b). For more information, please consult the Waiver Request Form.

| **SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))**<br>**Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, coastal areas, designated rivers, or designated prime wetlands.** | |
|---|---|
| Has the required planning been completed? | ☒ Yes ☐ No |
| Does the property contain a PRA? If yes, provide the following information: | ☒ Yes ☐ No |
| • Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04. | ☐ Yes ☒ No |
| • Protected species or habitat?<br>o If yes, species or habitat name(s): [redacted]<br>o NHB Project ID #: [redacted] | ☒ Yes ☐ No |
| • Bog? | ☐ Yes ☒ No |
| • Floodplain wetland contiguous to a tier 3 or higher watercourse? | ☒ Yes ☐ No |
| • Designated prime wetland or duly-established 100-foot buffer? | ☐ Yes ☒ No |
| • Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? | ☒ Yes ☐ No |
| Is the property within a Designated River corridor? If yes, provide the following information:<br>• Name of Local River Management Advisory Committee (LAC):<br>• A copy of the application was sent to the LAC on Month: Day: Year: N/A | ☐ Yes ☒ No |

| | |
|---|---|
| For dredging projects, is the subject property contaminated?<br>• If yes, list contaminant: | ☐ Yes ☒ No |
| Is there potential to impact impaired waters, class A waters, or outstanding resource waters? | ☐ Yes ☒ No |
| For stream crossing projects, provide watershed size (see WPPT or Stream Stats):<br>N/A | |

**SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))**

Provide a **brief** description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.

The project proposes the construction of a tidal docking structure consisting of a 4' x 24' accessway, a 4' x 165' fixed wood pier, a 3' x 50' gangway and a 8' x 75' float totaling 96 sq. ft. of permanent impact to the previously developed 100' Tidal Buffer Zone and 1,410 sq. ft. of permanent impact to tidal wetlands.

**SECTION 3 - PROJECT LOCATION**

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

ADDRESS: Saddle Trail Drive

TOWN/CITY: Dover

TAX MAP/BLOCK/LOT/UNIT: Map N, Lot 8-1

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Cocheco River
☐ N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places): X: 1,204,176.2357° North
Y: 252,594.3057° West

| | | |
|---|---|---|
| **SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))**<br>If the applicant is a trust or a company, then complete with the trust or company information. | | |
| NAME: Saddle Trail Drive Homeowners Association C/O Carla Meyers | | |
| MAILING ADDRESS: [redacted] | | |
| TOWN/CITY: [redacted] | STATE: [redacted] | ZIP CODE: [redacted] |
| EMAIL ADDRESS: [redacted] | | |
| FAX: [redacted] | PHONE: [redacted] | |
| ELECTRONIC COMMUNICATION: By initialing here: , I hereby authorize NHDES to communicate all matters relative to this application electronically. | | |
| **SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))**<br>☐ N/A | | |
| 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 ADDRESS: sdr@ambitengineering.com | | |
| FAX: | PHONE: 603-430-9282 | |
| ELECTRONIC COMMUNICATION: By initialing here SR, I hereby authorize NHDES to communicate all matters relative to this application electronically. | | |
| **SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))**<br>If the owner is a trust or a company, then complete with the trust or company information.<br>☐ Same as applicant | | |
| NAME: | | |
| MAILING ADDRESS: | | |
| TOWN/CITY: | STATE: | ZIP CODE: |
| EMAIL ADDRESS: | | |
| FAX: | PHONE: | |
| ELECTRONIC COMMUNICATION: By initialing here , I hereby authorize NHDES to communicate all matters relative to this application electronically. | | |

**SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))**

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):
Please see attached narrative.

**SECTION 8 - AVOIDANCE AND MINIMIZATION**

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)).* Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)).*

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

**See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.*

**SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)**

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

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

(☒ N/A - Mitigation is not required)

**SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)**

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable: ☐ I confirm submittal.

(☒ N/A – Compensatory mitigation is not required)

**SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))**

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.*

For perennial streams/rivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

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

| JURISDICTIONAL AREA | | PERMANENT | | | TEMPORARY | | |
|---|---|---|---|---|---|---|---|
| | | SF | LF | ATF | SF | LF | ATF |
| Wetlands | Forested Wetland | | | ☐ | | | ☐ |
| | Scrub-shrub Wetland | | | ☐ | | | ☐ |
| | Emergent Wetland | | | ☐ | | | ☐ |
| | Wet Meadow | | | ☐ | | | ☐ |
| | Vernal Pool | | | ☐ | | | ☐ |
| | Designated Prime Wetland | | | ☐ | | | ☐ |
| | Duly-established 100-foot Prime Wetland Buffer | | | ☐ | | | ☐ |
| Surface Water | Intermittent / Ephemeral Stream | | | ☐ | | | ☐ |
| | Perennial Stream or River | | | ☐ | | | ☐ |
| | Lake / Pond | | | ☐ | | | ☐ |
| | Docking - Lake / Pond | | | ☐ | | | ☐ |
| | Docking - River | | | ☐ | | | ☐ |
| Banks | Bank - Intermittent Stream | | | ☐ | | | ☐ |
| | Bank - Perennial Stream / River | | | ☐ | | | ☐ |
| | Bank / Shoreline - Lake / Pond | | | ☐ | | | ☐ |
| Tidal | Tidal Waters | | | ☐ | | | ☐ |
| | Tidal Marsh | | | ☐ | | | ☐ |
| | Sand Dune | | | ☐ | | | ☐ |
| | Undeveloped Tidal Buffer Zone (TBZ) | | | ☐ | | | ☐ |
| | Previously-developed TBZ | 96 | | ☐ | | | ☐ |
| | Docking - Tidal Water | 1410 | | ☐ | | | ☐ |
| TOTAL | | 1506 | | | | | |

**SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)**

☐ **MINIMUM IMPACT FEE:** Flat fee of $400.

☐ **NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION:** Flat fee of $400 (refer to RSA 482-A:3, 1(c) for restrictions).

☒ **MINOR OR MAJOR IMPACT FEE:** Calculate using the table below:

| | | | |
|---|---|---|---|
| Permanent and temporary (non-docking): | SF | × $0.40 = | $ |
| Seasonal docking structure: | 750 SF | × $2.00 = | $ 1500 |
| Permanent docking structure: | 756 SF | × $4.00 = | $ 3024 |
| Projects proposing shoreline structures (including docks) add $400 | | = | $ 400 |
| | | Total = | $ 4924 |

**The application fee for minor or major impact is the above calculated total or $400, whichever is greater =** $

| SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)<br>Indicate the project classification. | | |
|---|---|---|
| ☐ Minimum Impact Project | ☐ Minor Project | ☒ Major Project |

| SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11) | |
|---|---|
| **Initial each box below to certify:** | |
| Initials: SR | To the best of the signer's knowledge and belief, all required notifications have been provided. |
| Initials: SR | The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief. |
| Initials: SR | The signer understands that:<br>• The submission of false, incomplete, or misleading information constitutes grounds for NHDES to:<br>1. Deny the application.<br>2. Revoke any approval that is granted based on the information.<br>3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1.<br>• The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641.<br>• The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II. |
| Initials: SR | If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing. |

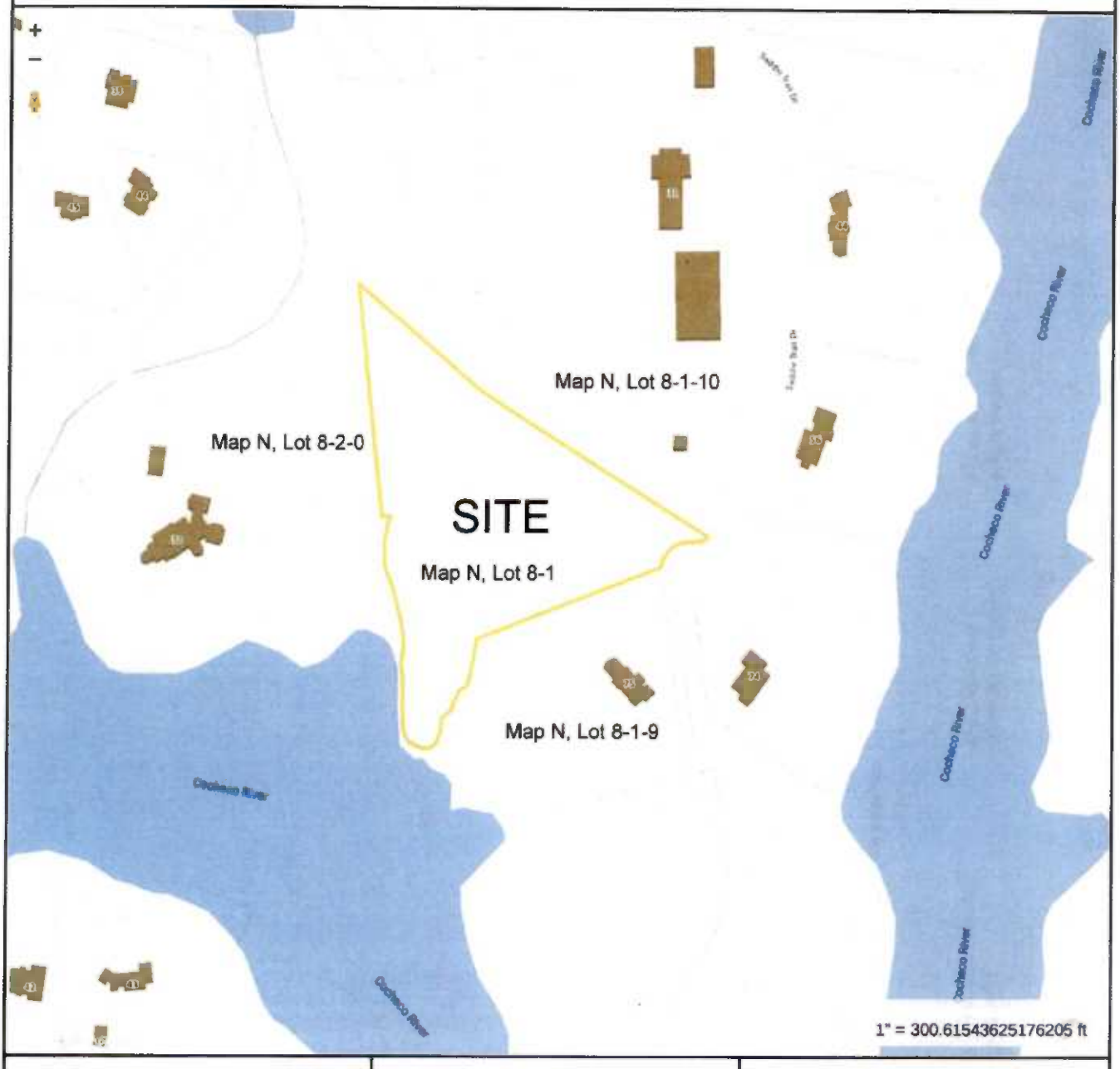
| SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11) | | |
|---|---|---|
| SIGNATURE (OWNER): | PRINT NAME LEGIBLY: | DATE: |
| SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): | PRINT NAME LEGIBLY: | DATE: |
| SIGNATURE (AGENT, IF APPLICABLE): Steven Riker | PRINT NAME LEGIBLY: Steven D. Riker | DATE: 1/1/2023 |

| SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f)) | |
|---|---|
| As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below. | |
| TOWN/CITY CLERK SIGNATURE: Susan Mistretta | PRINT NAME LEGIBLY: Susan Mistretta |
| TOWN/CITY: Dover | DATE: 1/3/2023 |

DIRECTIONS FOR TOWN/CITY CLERK:
Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:
Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer – State of NH".




**Property Information**

| | |
|---|---|
| **Property ID** | N0008-001000 |
| **Location** | SADDLE TRAIL DR |
| **Owner** | SADDLE TRAIL DRIVE HOMEOWNERS ASSOCIATIO |
| **Land Use** | 911 |
| **Zoning Code** | R-40 |

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.

Geometry updated 5/3/2021
Data updated Daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

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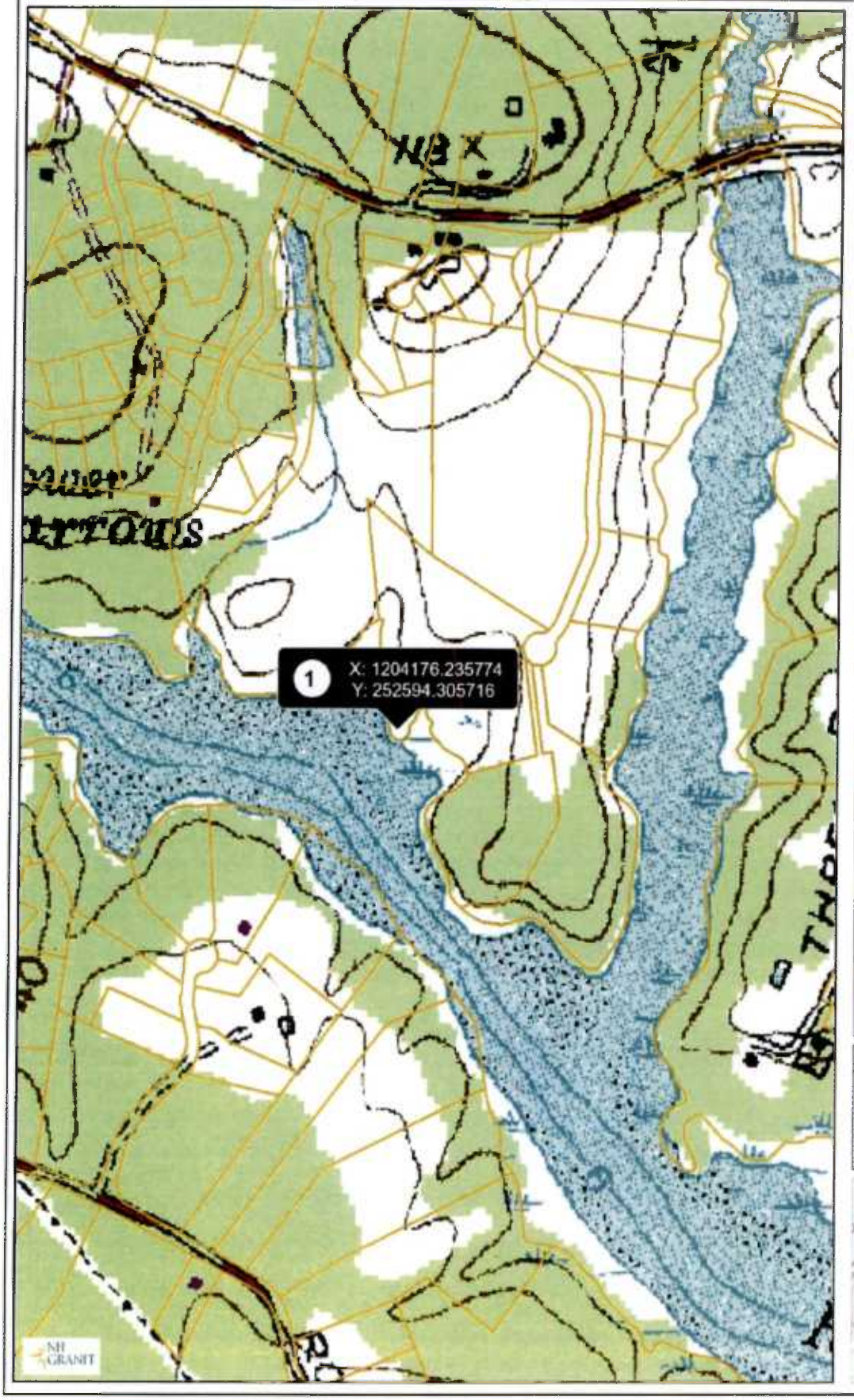
JAN 10 2023
NHDES
LAND RESOURCES MANAGEMENT

# Map by NH GRANIT




Legend

Parcels
- Parcel Polygons
- Attributes for Additional Lines

- State
- County
- City/Town

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JAN 10 2023
NHDES
LAND RESOURCES MANAGEMENT

Map Scale
1: 6,494

© NH GRANIT, www.granit.unh.edu
Map Generated: 9/23/2022

Notes

The State of New Hampshire

# Department of Environmental Services

**Robert R. Scott, Commissioner**

This application contains confidential information from the NH Natural Heritage Bureau (NHB) Datacheck tool provided by the NH Department of Natural and Cultural Resources. This information is being withheld from disclosure to the public.

Please direct all questions regarding the confidential information to Courtney Lockwood, Land Resources Management Program Attorney, NH Department of Environmental Services, at: courtney.l.lockwood@des.nh.gov, or (603) 271-8614.

# City of Dover, New Hampshire
## CONSERVATION COMMISSION
**288 Central Avenue**
**Dover, N.H. 03820-4169**

February 15, 2023

Ms. Kristin Duclos
Department of Environmental Services – Wetlands Bureau
PO Box 95
Concord, NH 03302-0095

Re: Wetlands File Number 2023-00062

Dear Ms. Duclos,

The Dover Conservation Commission reviewed the Major Wetland Permit Application for the Saddle Trail Drive Home Owners Association located off Saddle Trail Drive on February 13, 2023. The applicant, per Wetlands File Number 2023-00062, proposes to construct a tidal docking structure with a 4' x 24' accessway, a 4' x 165' fixed wood pier, a 3' x 50' gangway and a 8' x 75' float. The project creates 96 square feet of permanent impact to the previously developed Tidal Buffer Zone and 1,410 square feet of permanent impact to tidal wetland.

The Dover Conservation Commission voted unanimously on February 13th, 2023 to endorse the application but as part of the endorsement requests that the NHDES Wetlands Bureau please consider this common HOA dock when reviewing any future individual dock permits for other lots within the Saddle Trail Drive HOA. The Commission would appreciate correspondence addressing this request.

Please contact me if you have any questions.

Sincerely,

William Hunt, Chair
Dover Conservation Commission

Cc: Jackson Kaspari, Ph.D. – Resilience Manager
Steve Riker, CWS – Ambit Engineering, Inc.

## Ambit Engineering Abutter List

Saddle Trail Drive Homeowners Association

Job # 3402.09

[redacted]

**Applicant/Owner(s)**

| Map | Lot | Deed | Owner (s) First/Trust | Owner(s) Last, Trustee | Mailing Address | City | State | Zip |
|---|---|---|---|---|---|---|---|---|
| N | 8-1 | | Saddle Trail Homeowners Association | C/O Carla Meyers | [redacted] | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Engineer** | **Ambit Engineering Civil Engineers & Land Surveyors** | **200 Griffin Road, Unit #3** | **Portsmouth** | **NH** | **03801** |

Other Consultants
Other Consultants
Other Consultants

**Job # 3402.09**

**Abutters**

| Map | Lot | Deed | Owner(s) First/Trust | Owner(s) Last /Trustee | Mailing Address | City | State | Zip |
|---|---|---|---|---|---|---|---|---|
| N | 8-1-9 | | Martin J. Jr. & Marlene A. McKenna Trust | Martin J. Jr. & Marlene A. McKenna | [redacted] | | | |
| N | 8-1-10 | | Bonterra Farms, LLC | | | | | |
| N | 8-2-0 | | David & Karen | Della Penta | | | | |

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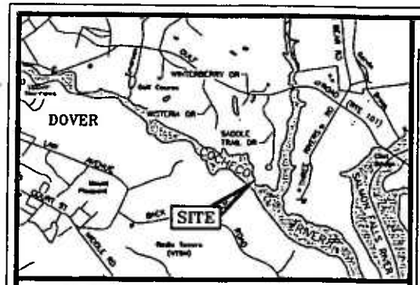
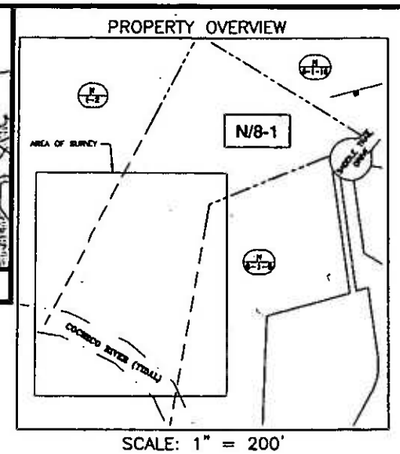



LOCATION MAP SCALE 1"=2,000'




SCALE: 1" = 200'

## LEGEND:

| | |
|---|---|
| N/F | NOW OR FORMERLY |
| RP | RECORD OF PROBATE |
| RCRD | STRAFFORD COUNTY REGISTRY OF DEEDS |
| | MAP 11 / LOT 21 |
| | BOUNDARY |
| | SETBACK |
| MHW | MEAN HIGH WATER LINE |
| MLW | MEAN LOW WATER LINE |
| MLLW | MEAN LOWER LOW WATER LINE |
| HOTL | HIGHEST OBSERVABLE TIDE LINE |
| SM | EDGE OF SALTMARSH |
| 100 | CONTOUR |
| | WOODS / TREE LINE |
| | TEMPORARY BENCHMARK |
| | SALTMARSH GRASS |
| TYP. | TYPICAL |
| EL. | ELEVATION |

## PLAN REFERENCES:

1) LOT LINE ADJUSTMENT PLAN FOR TAX MAP N LOT 8-10-0 SADDLE TRAIL DRIVE HOMEOWNERS ASSOCIATION TAX MAP N LOT 8-2-0 DAVID DELLA PENTA & KAREN DELLA PENTA GULF ROAD, SADDLE TRAIL DRIVE & WISTERIA DRIVE DOVER, NEW HAMPSHIRE PREPARED BY DOUCET SURVEY, LLC DATED JANUARY 2022. S.C.R.D. PLAN #12621

## WETLAND NOTES:

1) HIGHEST OBSERVABLE TIDE LINE DELINEATED BY STEVEN D. RIKER, CWS ON 4/12/2022 IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
   - A) U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JAN. 1987), AND REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012.
   - B) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.2, USDA-NRCS, 2018 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, NEWPCC WETLANDS WORK GROUP (2019).
   - C) NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1), USFWS (MAY 1988).
   - D) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, USFW MANUAL FWS/OBS-79/31 (1997).
   - E) "IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE" (1997), NEW HAMPSHIRE FISH AND GAME DEPARTMENT.

2) HOTL LINE WAS FIELD LOCATED BY AMBIT ENGINEERING, INC.

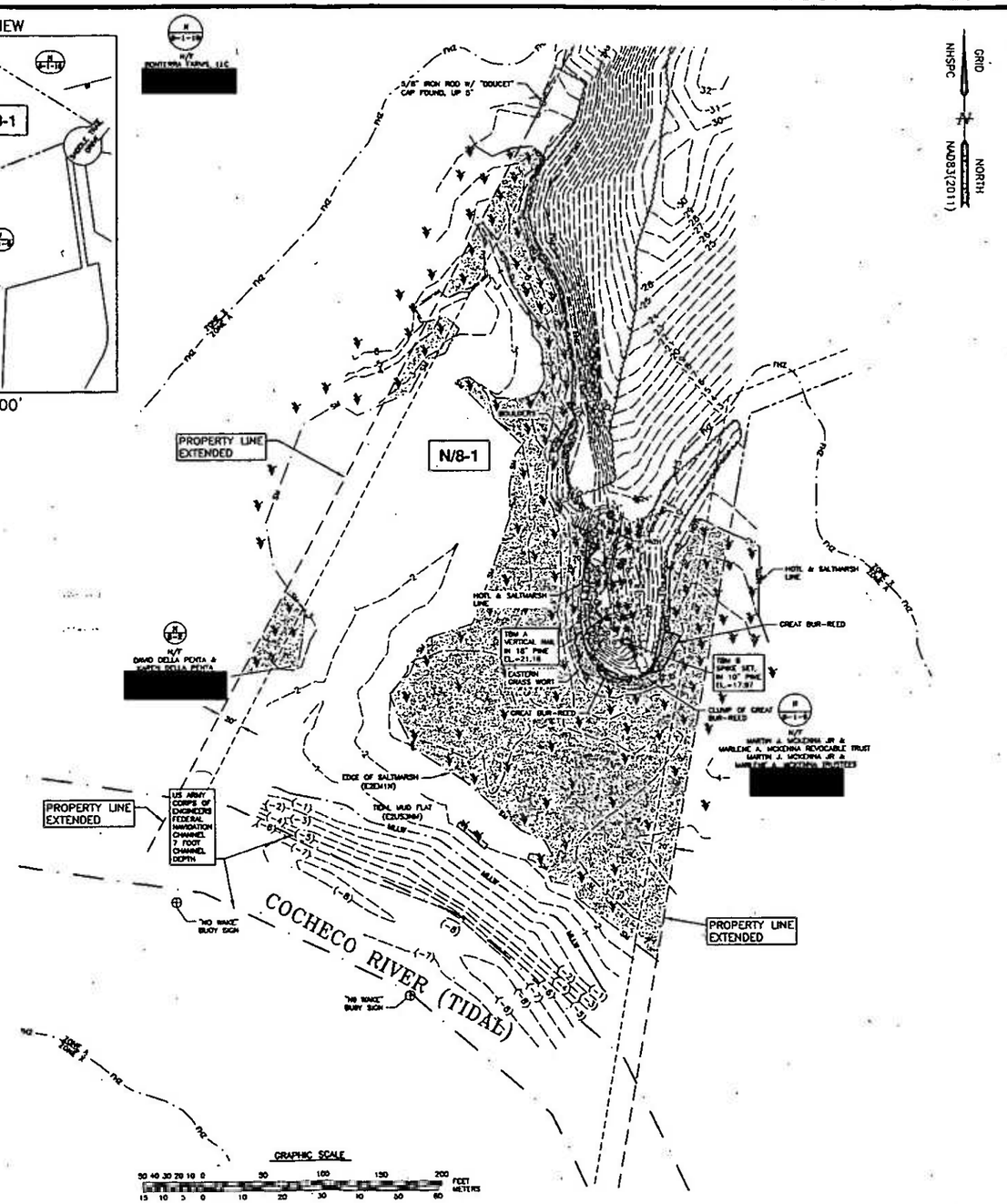
STEVEN D. RIKER No. 219

"I CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN ACCURACY OF THE CLOSED TRAVERSE THAT EXCEEDS THE PRECISION OF 1:15,000."

6-13-23

JOHN R. CHAGNON, LLS #738 DATE

STATE OF NEW HAMPSHIRE No. 738 JOHN R. CHAGNON LLS




**AMBIT ENGINEERING, INC.**
Civil Engineers & Land Surveyors
300 Griffin Road - Unit 3
Portsmouth, N.H. 03801-7114
Tel (603) 436-0283
Fax (603) 436-2315

NOTES:

1) PARCEL IS SHOWN ON THE CITY OF DOVER ASSESSOR'S MAP N AS LOT 8-1.

2) OWNERS OF RECORD:
SADDLE TRAIL DRIVE HOMEOWNER'S ASSOCIATION

3) PARCEL IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA (ZONE A) AS SHOWN ON FIRM PANEL 33017C0330E, DATED 9/30/15.

4) EXISTING LOT AREA:
284,736 S.F. ± TO MHW
6.0775 ACRES ± TO MHW

5) PARCEL IS LOCATED IN THE RURAL RESIDENTIAL (R-40) DISTRICT.

6) DIMENSIONAL REQUIREMENTS:

| | | |
|---|---|---|
| MIN. LOT SIZE: | | 40,000 S.F. |
| MAX. LOT COVERAGE: | | 10% |
| FRONTAGE: | | 150 FEET |
| SETBACKS: | FRONT | 40 FEET |
| | SIDE | 25 FEET |
| | REAR | 30 FEET |
| MAXIMUM STRUCTURE HEIGHT: | | 35 FEET |

7) THE PURPOSE OF THIS PLAN IS TO SHOW THE RESULTS OF AN EXISTING CONDITIONS SURVEY ON A PORTION OF ASSESSOR'S MAP N LOT 8-1.

8) VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW). BASIS OF VERTICAL DATUM IS REDUNDANT RTN GNSS OBSERVATIONS (+/-0.2'). REDUCTION FRM NAVD88 TO MLLW BASED ON NOAA STATION 8420411 DOVER, COCHECO RIVER. MLLW BEING 3.93 FEET LOWER THAN 0.00 NAVD88.

# SADDLE TRAIL DRIVE HOA PROPERTY SADDLE TRAIL DRIVE DOVER, N.H.

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| 2 | EXTEND SATLMARSH TO HOTL | 6/13/23 |
| 1 | ADDED PROTECTED SPECIES LOCATIONS | 8/7/23 |
| 0 | ISSUED FOR COMMENT | 11/29/22 |

REVISIONS

RECEIVED
JUN 29 2023
ENVIRONMENTAL SERVICES
"BY NH DES WETLANDS BUREAU"

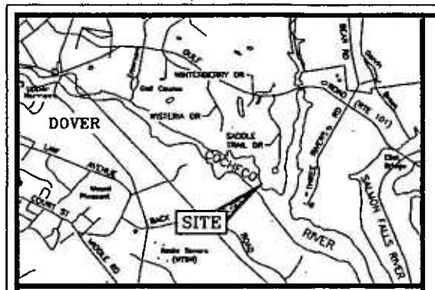
SCALE: 1"=50' SEPTEMBER 2022

EXISTING CONDITIONS PLAN

C1

FB 386 PG 40

3402.09




LOCATION MAP SCALE 1"=2,000'

## LEGEND:

| | |
|---|---|
| N/F | NOW OR FORMERLY |
| RP | RECORD OF PROBATE STRAFFORD COUNTY REGISTRY OF DEEDS |
| RCRD | |
| 11/21 | MAP 11 / LOT 21 |
| | BOUNDARY |
| | SETBACK |
| MHW | MEAN HIGH WATER LINE |
| MLW | MEAN LOW WATER LINE |
| MLLW | MEAN LOWER LOW WATER LINE |
| HOTL | HIGHEST OBSERVABLE TIDE LINE |
| SM | HIGHEST OBSERVABLE TIDE LINE |
| 100 | CONTOUR |
| | WOODS / TREE LINE |
| | TEMPORARY BENCHMARK |
| | SALTMARSH GRASS |
| TYP. | TYPICAL |
| CL | ELEVATION |

## WETLAND NOTES:

1) HIGHEST OBSERVABLE TIDE LINE DELINEATED BY STEVEN D. RIKER, CWS ON 4/12/2022 IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
   - A) U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JAN. 1987), AND REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012.
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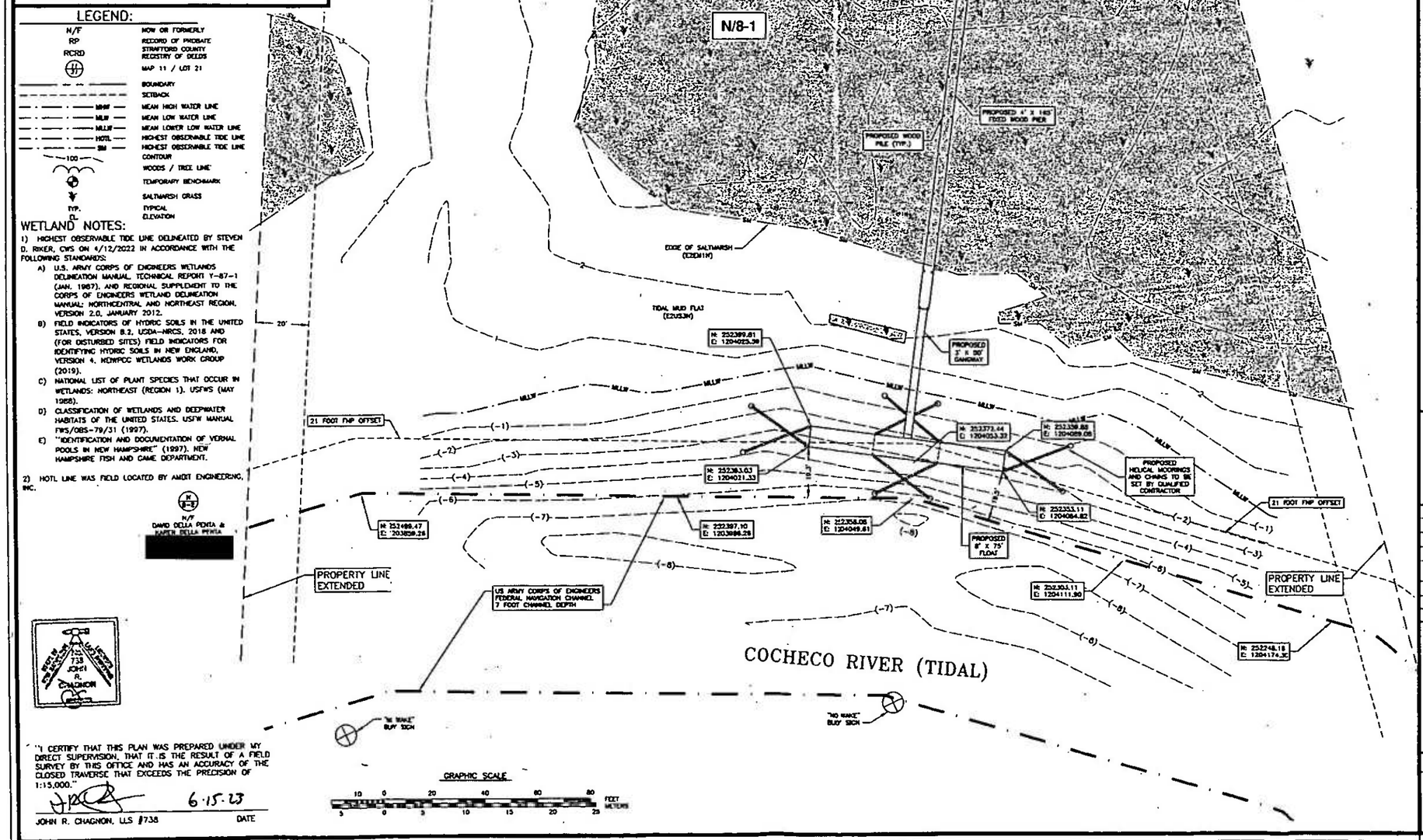
2) HOTL LINE WAS FIELD LOCATED BY AMBIT ENGINEERING, INC.




"I CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN ACCURACY OF THE CLOSED TRAVERSE THAT EXCEEDS THE PRECISION OF 1:15,000."

6-15-23

JOHN R. CHAGNON, LLS #738 DATE

GRAPHIC SCALE

10 0 20 40 60 80 FEET

5 0 5 10 15 20 25 METERS


AMBIT ENGINEERING, INC.
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Portsmouth, N.H. 03801-7114
Tel (603) 436-0252
Fax (603) 436-2515


NOTES:

PARCEL IS SHOWN ON THE CITY OF DOVER ASSESSOR'S MAP N AS LOT 8-1.

1) OWNERS OF RECORD:
SADDLE TRAIL DRIVE HOMEOWNER'S ASSOCIATION
[redacted]

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# SADDLE TRAIL DRIVE HOA PROPERTY SADDLE TRAIL DRIVE DOVER, N.H.

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 4 | RELOCATED PILE SET | 6/15/23 |
| 3 | EXTEND SALTMARSH TO HOTL | 6/13/23 |
| 2 | ADDED PROTECTED SPECIES LOCATION | 6/7/23 |
| 1 | ADD COORDINATE OF FNP & APPLICABLE OFFSET | 4/4/23 |
| 0 | ISSUED FOR COMMENT | 11/29/22 |

REVISIONS


RECEIVED
JUN 25 2023
ENVIRONMENTAL SERVICES
"NH DES WETLANDS BUREAU"


STATE OF NEW HAMPSHIRE JOHN R. CHAGNON No. 738 LICENSED PROFESSIONAL ENGINEER

STATE OF NEW HAMPSHIRE STEVEN D. RIKER No. 219 CERTIFIED WETLAND SCIENTIST

SCALE: 1"=20' SEPTEMBER 2022

NH DES PERMIT PLAN

C2

FB 386 PG 40

3402.09

AMBIT ENGINEERING, INC.
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800 Griffin Road - Unit 3
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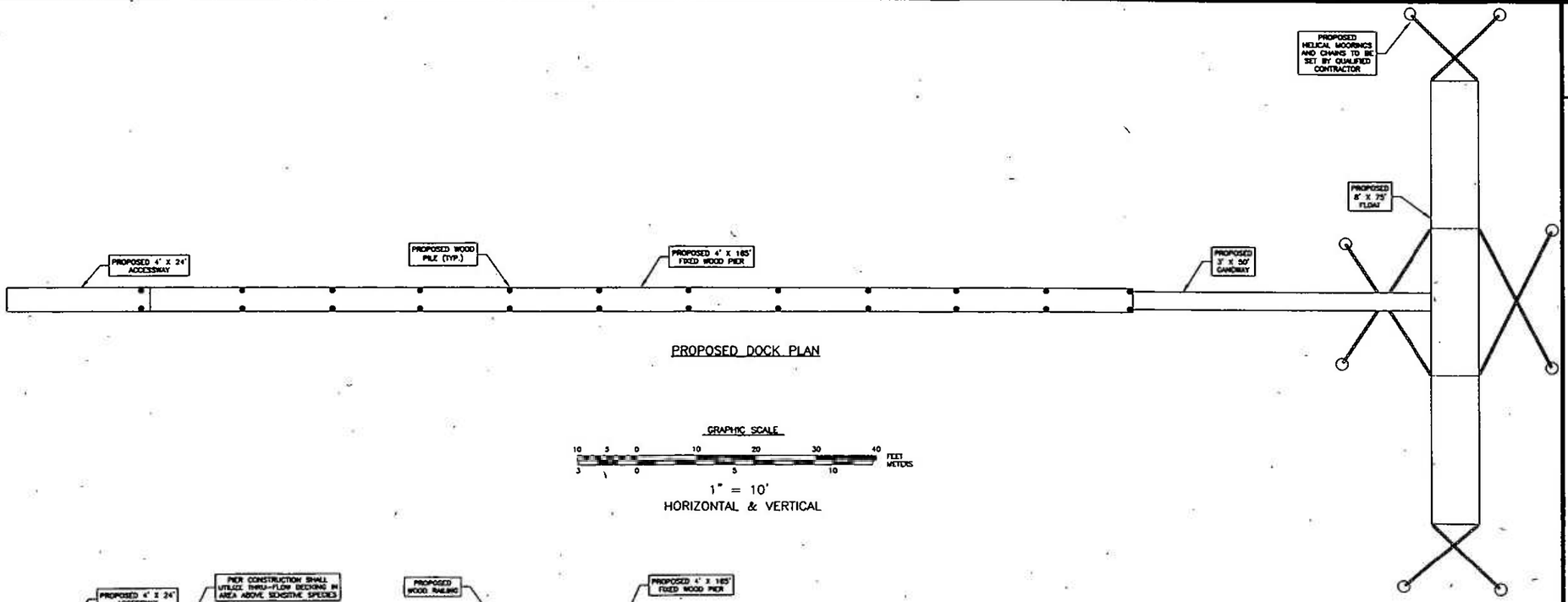
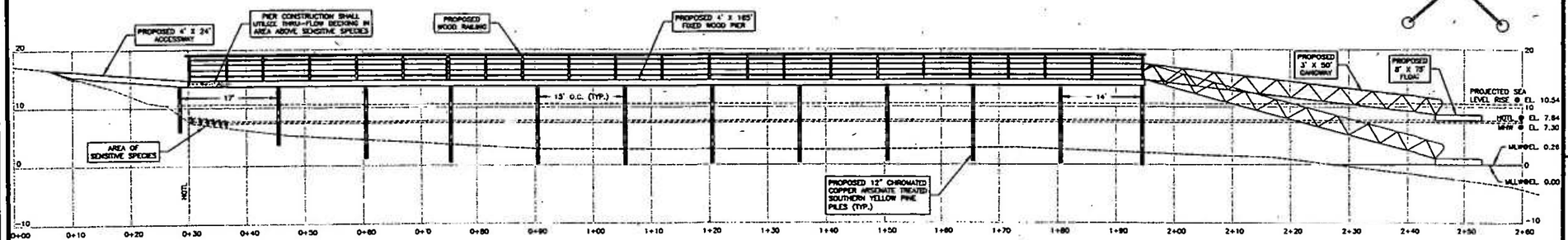



PROPOSED DOCK PLAN

GRAPHIC SCALE

1" = 10'
HORIZONTAL & VERTICAL




PROPOSED DOCK ELEVATION

## PROPOSED PIER, GANGWAY & FLOAT

### SEQUENCE OF CONSTRUCTION

1) MOBILIZATION OF A CRANE BARGE, PUSH BOAT, WORK SKIFF, MATERIALS AND PREFABRICATED COMPONNTS 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 INTERWARD OF ANY EMERGENT VEGETATION TO MINIMIZE IMPACTS
4) INSTALLATION OF THE SUB STRUCTURE WILL BE PERFORMED FROM A CRANE BARGE OR SKIFF TO REDUCE THE AMOUNT OF FOOT TRAFFIC IN THE INTERTIDAL AREA.
5) ALL WORK WILL BE PERFORMED AT LOW TIDE TO MINIMIZE SEDIMENTATION.
6) PILINGS WILL BE MECHANICALLY DRIVEN BY A CRANE ELIMINATING ANY EXCAVATION FOR INSTALLATIN OF THE PILINGS. PILING ARE DRIVEN TO REFUSAL.
7) PILINGS ARE CUT AND BEAM CAPS ARE INSTALLED AND THE SUPER STRUCTURE OF THE PIER IS BULT. 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 SHAL 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 CORPS AND AND NHDES AUTHORIZES AS SECONDARY IMPACTS. IF NOT SPECIFICALLY AUTHORIZED BY USACOE AND AND NHDES, ANY UNAUTHORIZED FILL OR SECONDARY IMPACT TO WETLANDS MAY BE CONSIDERD AS A VIOLATION OF THE CWA.

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

### HEAVY EQUIPMENT IN FRESH WATER WETLANDS

HEAVY EQUIPMENT OTHER THAN FIXED EQUIPMENT (DRILL RIGS, FIXED CRANES, ETC.) WORKING IN WETLANDS HALL 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 B PLACED ON SWAMP MATS THAT ARE ADEQUATE TO SUPPORT THE EQUIPMENT IN SUCH A WAY AS TO MINIMIZE DISTURBANCE OF WETLAND SOIL AN VEGETATION. SWAMP MATS ARE TO BE PLACED IN THE WETLAND FROM THE UPLAND OR FROM EQUIPMENT POSITIONED ON SWAMP MATS IF WORKINGWITHIN A WETLAND. DRAGGING SWAMP MATS INTO POSITION IS PROHIBITED. OTHER SUPPORT STRUCTURES THAT ARE LESS IMPACTING AND ARE CAPABLE IF 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. CORDUROY ROADS AND SWAMP/CONSTRUCTION MATS ARE CONSIDERED AS FILL WHETHER THEY'RE INSTALLED TEMPORARIL OR PERMANENTLY.

### TIME OF YEAR WORK WINDOW AND NOISE RESTRICTIONS

I. PILES INSTALLED IN-THE-DRY OR DURING LOW WATER, OR
II. MUST BE DRILLED AND PINNED TO LEDGE, OR
III. VIBRATORY HAMMERS USED TO INSTALL ANY SIZE AND QUANTITY OF WOOD, CONCRETE OR STEEL PILES, OR
IV. IMPACT HAMMERS LIMITED TO ONE HAMMER AND <50 PILES INSTALLED/DAY WITH THE FOLLOWING: WOOD PILES OF ANY SIZE, CONCRETE PILES ≤18-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 II-IV ABOVE:
I. IN-WATER NOISE LEVELS SHALL NOT >187dB SEL RE 1μPa OR 206dB PEAK RE 1μPa AT A DISTANCE >10M FROM THE PILE BEING INSTALLED, AND
II. IN-WATER NOISE LEVELS >155dB PEAK RE 1μPa SHALL NOT EXCEED 12 CONSECUTIVE HOURS ON ANY GIVEN DAY AND A 12 HOUR RECOVERY PERIOD (I.E., IN-WATER NOISE BELOW 155dB PEAK RE 1μPa) MUST BE PROVIDED BETWEEN WORK DAYS.

### WORK SITE RESTORATION

- UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED WETLAND AREAS SHALL BE PROPERLY STABILIZED. ANY SEED MIX SHALL CONTAIN ONLY PLANT SPECIES NATIVE TO NEW ENGLAND.
- THE INTRODUCTION OR SPREAD OF INVASIVE 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 SCHEMES ARE APPROXIMATELY THE SAME, UNLESS AUTHORIZED.

### SEDIMENTATION AND EROSION CONTROL

ADEQUATE SEDIMENTATION AND EROSION CONTROL MANAGEMENT MEASURES, PRACTICS AND DEVICES, SUCH AS PHASED CONSTRUCTION, VEGETATED FILTER STRIPS, GEOTEXTILE SILT FENCES, STORMWATER RETENTION 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 IF 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 STABILIZEI 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 MAGNUSSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT (I.E., EFH FOR SPAWNING ADULTS) CAN BE OBTAINED FROM THE NMFS WEBSITE AT: WWW.NERO.NOAA.GOV/HCD.

### STORAGE OF SEASONAL STRUCTURES

COASTAL 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 FIXED, PILE-SUPPORTED PORTION OF THE STRUCTURE THAT IS SEAWARD OF HOTL. THIS IS INTENDED TO PREVENT STRUCTURES FROM BEING STORED ON THE MARSH SUBSTRATE AND THE SUBSTRATE SEAWARD OF MHW.

### ENVIRONMENTAL FUNCTIONS AND VALUES

THE PERMITTEE SHALL MAKE EVERY REASONABLE EFFORT TO 1) CARRY OUT THE CONSTRUCTION OR OPERATION OF THE WORK AUTHORIZED BY USACOE AND NHDES HEREIN IN A MANNER THAT MINIMIZES ADVERSE IMPACTS ON FISH, WILDLIFE AND NATURAL ENVIRONMENTAL VALUES, AND 2) PROHIBIT 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.NAE.USACE.ARMY.MIL/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.

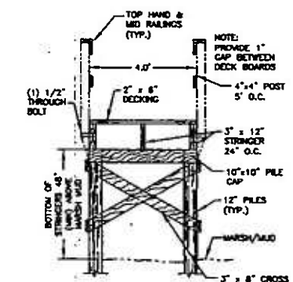
### NOTES:

1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) 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) EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS, MARCH 2015.

4) NUMBER OF PILES TO BE DRIVEN FOR DOCKING STRUCTURE NOT TO EXCEED 24 AS DEPICTED ON PROPOSED DOCK ELEVATION. ALSO NOTE TIME OF YEAR AND NOISE RESTRICTIONS FOR DRIVING OF PILES.




SECTION A-A
(THROUGH PIER)
NTS

PROPOSED PIER DETAIL
NTS

# SADDLE TRAIL DRIVE HOA PROPERTY SADDLE TRAIL DRIVE DOVER, N.H.

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 3 | ADD THRU-FLOW DECKING | 6/28/23 |
| 2 | REVISED TIME OF YEAR RESTRICTION | 6/19/23 |
| 1 | RAISED PIER ELEV. & RELOCATED PILE | 6/15/23 |
| 0 | ISSUED FOR COMMENT | 11/29/22 |

REVISIONS

RECEIVED
JUN 29 2023
ENVIRONMENTAL SERVICES
NH DES WETLANDS BUREAU

SCALE: AS SHOWN SEPTEMBER 2022

DOCK DETAILS

D1

FB 388 PG 40

3402.09