



The State of New Hampshire
Department of Environmental Services



eam
92

Robert R. Scott, Commissioner

December 6, 2021

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

REQUESTED ACTION

Approve Strachan Family Revocable Trust's request to perform work on Bellamy River in Dover as outlined below. This request is pursuant to New Hampshire Department of Environmental Services (NHDES) file #2021-02337. This project will not have significant impact on, or adversely affect, the values of the Bellamy River. Comments submitted by the Dover Conservation Commission, stating they unanimously endorse the project as proposed, are included in the enclosed documents.

Impact 470 square feet of tidal wetland and 240 square feet of previously-developed upland tidal buffer zone to construct a tidal docking structure consisting of a 6 foot by 40-foot access way to a 6 foot by 30 foot fixed pier connected to a 3 foot by 30-foot ramp connected to a 10 foot by 20-foot float. The overall structure length, seaward of the highest observable tide line, is 70 feet, providing two slips on 120 feet of frontage along the Bellamy River.

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

1. All work shall be done in accordance with the approved plans by Ambit Engineering Inc., dated May 2021, revised through September 30, 2021, and last received by the NH Department of Environmental Services (NHDES) on October 5, 2021, 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. All work shall be done at low tide, in the dry, when the work area is fully exposed, in accordance with Env-Wt 609.10(b)(4).
5. 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).

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

6. Tidal docking construction shall be done in accordance with the standard conditions in Env-Wt 307.
7. Heavy equipment shall not be operated in any jurisdictional area unless specifically authorized by this permit, in accordance with Env-Wt 307.15(a).
8. 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.
9. 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.
10. 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.
11. 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

The NHDES approved this project on November 04, 2021. The NHDES supported its decision with the following findings:

1. This 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. Per Rule Env-Wt 306.05, the applicant has addressed all of the required planning items that are used to determine the appropriate impact classification of a project and the type of approval required.
3. Per Rule Env-Wt 311.01(b), the applicant coordinated with the NH Fish and Game Department and the Natural Heritage Bureau to determine how to avoid and minimize project-related impacts on rare or protected animal species and habitat.
4. Per Rule Env-Wt 311.06(h), on August 11, 2021, the Dover Conservation Commission provided comments on the proposed project, stating, "The Dover Conservation Commission voted unanimously on August 9, 2021 to endorse the NHDES Wetlands Permit Application."
5. Per Rule Env-Wt 313.01(a)(2), all applicable conditions specified in Env-Wt 307 have been met.
6. Per Rule Env-Wt 313.01(a)(3), all resource and project-specific criteria established in Env-Wt 600 have been met.
7. 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'.
8. Per Rule Env-Wt 313.03(a) and (b), the applicant has demonstrated that potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized.
9. Per Rule Env-Wt 603.09, on September 17, 2021, 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."

10. The residential tidal dock project meets the criteria listed in Rule Env-Wt 606.06(a) and (b).
11. Per Rule Env-Wt 606.06(e), the location, design, and method of construction for a proposed residential tidal dock has been based on the results of the coastal functional assessment, is the least environmentally-impacting practicable alternative, has been certified by a professional engineer as having sufficient structural integrity based on the results of the vulnerability assessment, and will not impede the passage of non-motorized watercraft to a degree that a reasonable person would find objectionable.
12. Per Rule Env-Wt 202.01(b) and as required by RSA 482-A:8, the NHDES finds that the requirements for a public hearing 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, or, is not of substantial public interest, as defined in New Hampshire Administrative Rule Env-Wt 104.32.

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



**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: Peter Strachan

TOWN NAME: Dover

| | | | |
|--|--|-------------------------|----------------------------|
| Administrative Use Only LAND RESOURCES MANAGEMENT | INCOMPLETE | Administrative Use Only | File No: <u>2021-02357</u> |
| | Administrative Use Only JUL 23 2021 | | Check No: <u>336</u> |
| | | | Amount: <u>\$1,700.00</u> |
| | | | Initials: <u>LSL</u> |

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))

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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Does the property contain a PRA? If yes, provide the following information: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <ul style="list-style-type: none"> Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHFG) 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. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> Protected species or habitat? <ul style="list-style-type: none"> If yes, species or habitat name(s): <u>Atlantic sturgeon, shortnose sturgeon, sparsely vegetated intertidal system, subtidal system</u> NHB Project ID #: <u>21-1804</u> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <ul style="list-style-type: none"> Bog? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> Floodplain wetland contiguous to a tier 3 or higher watercourse? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <ul style="list-style-type: none"> Designated prime wetland or duly-established 100-foot buffer? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Is the property within a Designated River corridor? If yes, provide the following information: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> Name of Local River Management Advisory Committee (LAC): <u>N/A</u> | |

| | |
|---|---|
| <ul style="list-style-type: none"> A copy of the application was sent to the LAC on Month: <input type="text"/> Day: <input type="text"/> Year: <input type="text"/> | |
| For dredging projects, is the subject property contaminated? <ul style="list-style-type: none"> If yes, list contaminant: <u>N/A</u> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Is there potential to impact impaired waters, class A waters, or outstanding resource waters? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| For stream crossing projects, provide watershed size (see <u>WPPT</u> or Stream Stats): <input type="text"/> | |

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 470 sq. ft. of permanent impact to tidal wetland and 240 sq. ft. of permanent impact to the previously developed 100' Tidal Buffer Zone for the construction of a tidal docking structure including a 6' x 40' accessway, a 6' x 30' fixed pier, a 3' x 30' gangway and a 10' x 20' float (overall structure length 70') providing one slip on 120+/- feet of frontage along the Bellamy River.

SECTION 3 - PROJECT LOCATION

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

ADDRESS: 125 Spur Road

TOWN/CITY: Dover

TAX MAP/BLOCK/LOT/UNIT: Map L, Lot 29

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

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places): X:1,203.646.77° North

Y:236,492.38° West

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))

If the applicant is a trust or a company, then complete with the trust or company information.

NAME: Strachan Family Revocable Trust

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 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))

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))

If the owner is a trust or a company, then complete with the trust or company information.

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 800 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-W-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-W-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 | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Scrub-shrub Wetland | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Emergent Wetland | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Wet Meadow | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Vernal Pool | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Designated Prime Wetland | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Duly-established 100-foot Prime Wetland Buffer | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Surface Water | Intermittent / Ephemeral Stream | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Perennial Stream or River | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Lake / Pond | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Docking - Lake / Pond | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Docking - River | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Banks | Bank - Intermittent Stream | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Bank - Perennial Stream / River | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Bank / Shoreline - Lake / Pond | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Tidal | Tidal Waters | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Tidal Marsh | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Sand Dune | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Undeveloped Tidal Buffer Zone (TBZ) | | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| | Previously-developed TBZ | 240 | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| Docking - Tidal Water | | 470 | | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| TOTAL | | 710 | | | | | |

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: | 290 | SF | × \$2.00 = | \$ 580.0 |
| Permanent docking structure: | 180 | SF | × \$4.00 = | \$ 720.0 |
| Projects proposing shoreline structures (including docks) add \$400 = | | | | \$ 400.0 |
| Total = | | | | \$ 1,700 |

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)
 Indicate the project classification.

| | | |
|---|--|---|
| <input type="checkbox"/> Minimum Impact Project | <input type="checkbox"/> Minor Project | <input checked="" type="checkbox"/> Major Project |
|---|--|---|

SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)

Initial each box below to certify:

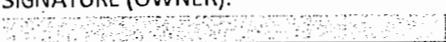
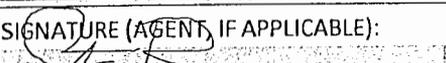
| | |
|--|--|
| Initials:  | To the best of the signer's knowledge and belief, all required notifications have been provided. |
|--|--|

| | |
|--|--|
| Initials:  | 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:  | The signer understands that: <ul style="list-style-type: none"> • The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> 1. Deny the application. 2. Revoke any approval that is granted based on the information. 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. • The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. • 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. |
|---|--|

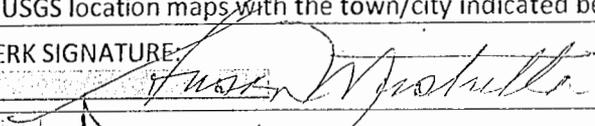
| | |
|--|---|
| Initials:  | If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing. |
|--|---|

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):  | PRINT NAME LEGIBLY: Steven D. Riker | DATE: 7/14/21 |

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:  | PRINT NAME LEGIBLY: Susan Mistretta |
| TOWN/CITY: Dover | DATE: 7/19/21 |

12 April, 2016

To Whom It May Concern

RE: Land Use Planning Applications for proposed site improvements located at 125 Spur Road, Dover, NH., Tax Map L, Lot 29, for Peter Strachan.

This letter is to inform the New Hampshire DES and the City of Dover in accordance with State Law that the following entities:

Ambit Engineering, Inc.
Anne Whitney

Is individually authorized to represent us as our agent in the approval process.

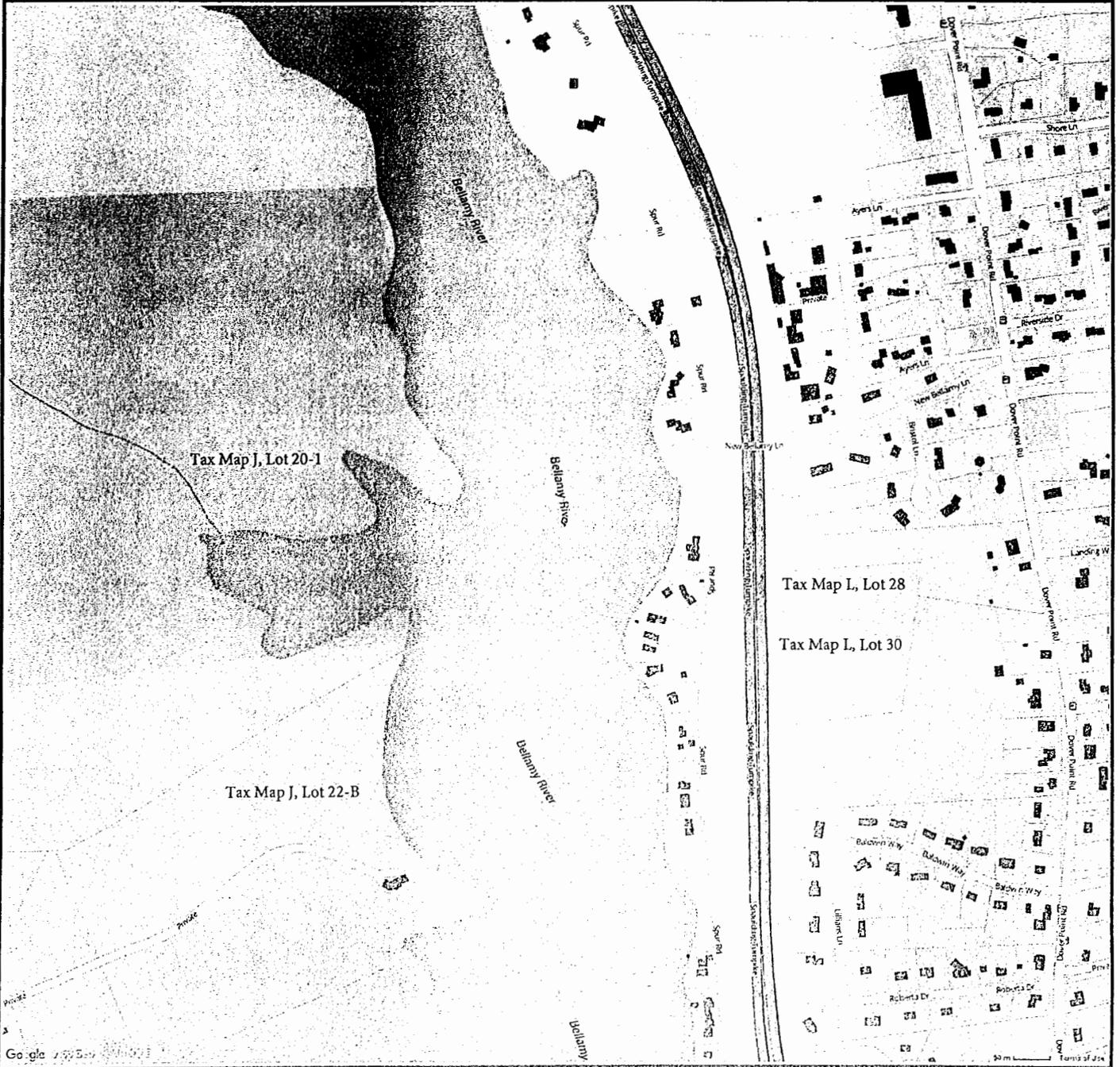
Please feel free to call me if there is any question regarding this authorization.

Sincerely,

Peter Strachan

P. B. Strachan

Digitally signed
by Peter B.
Strachan
Date:
2016.04.12
09:49:43 -04'00'



Property Information

Property ID: L0029-000000
 Location: 125 SPUR RD
 Owner: LASSERRE JEAN-JACQUES &



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.

Memo

NH Natural Heritage Bureau
NHB DataCheck Results Letter

Please note: portions of this document are confidential.
Maps and NHB record pages are confidential and should be redacted from public documents.

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

From: Jessica Bouchard, NH Natural Heritage Bureau
Date: 6/3/2021 (valid until 06/03/2022)
Re: Review by NH Natural Heritage Bureau
Permits: NHDES - Wetland Standard Dredge & Fill - Major

NHB ID: NHB21-1804 **Town:** Dover **Location:** 125 Spur Road
Description: The project proposes a tidal docking structure consisting of a 6' x 30' fixed pier, a 3' x 30' gangway and a 10' x 20' float secured by helical moorings.

cc: Kim Tuttle

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

Comments **NHB: The Subtidal system and Sparsely vegetated intertidal system locations have been provided for your information.**
F&G: Please provide project timing to NHF&G.

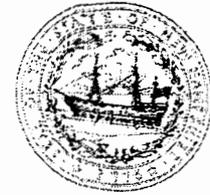
| Natural Community | State ¹ | Federal | Notes |
|--|--------------------|---------|---|
| Sparsely vegetated intertidal system | -- | -- | Threats to these communities are primarily alterations to the hydrology of the wetland (such as alterations that might affect the sheet flow of tidal waters across the intertidal flat) and increased input of nutrients and pollutants in storm runoff. |
| Subtidal system | -- | -- | Threats to these communities are primarily alterations to the hydrology of the wetland (such as alterations that might affect the sheet flow of tidal waters across the intertidal flat) and increased input of nutrients and pollutants in storm runoff. |
| Vertebrate species | State ¹ | Federal | Notes |
| Atlantic Sturgeon (<i>Acipenser oxyrinchus oxyrinchus</i>) | T | T | Contact the NH Fish & Game Dept and the US Fish & Wildlife Service (see below). |

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

DNCR/NHB
172 Pembroke Rd.
Concord, NH 03301



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, NHB. This information is being withheld from disclosure to the public.

Please direct all questions regarding the confidential information to Pamela G. Monroe, Legal Unit Administrator, NH Department of Environmental Services, at: pamela.g.monroe@des.nh.gov, or (603) 271-3137.



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

August 11, 2021

Mr. David Price
Department of Environmental Services – Wetlands Bureau
PO Box 95
Concord, NH 03302-0095

Re: Wetlands File Number 2021-02337

Dear Mr. Price:

The Dover Conservation Commission reviewed the Standard Dredge and Fill Permit application for the Strachan Family Revocable Trust, at 125 Spur Road on August 9, 2021. The applicant, per Wetlands File Number 2021-02337, proposes to construct a new dock with a 6' x 40' accessway, a 6' x 30' fixed wood pier, a 3' x 30' gangway, and a 10' x 20' float, in the tidal Bellamy River. The project creates 470 square feet of permanent impact to tidal wetland and 240 square feet of permanent impact to the tidal buffer zone.

The Dover Conservation Commission voted unanimously on August 9, 2021 to endorse the NHDES Wetlands Permit application.

Please contact me if you have any questions.

Sincerely,

William Hunt, Chair
Dover Conservation Commission

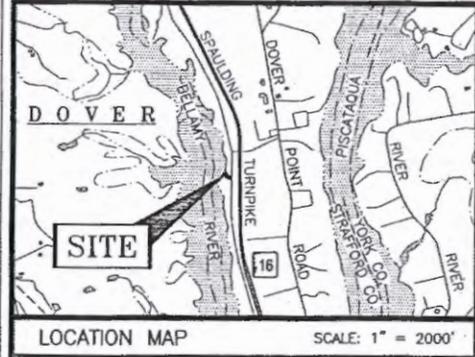
RECEIVED
AUG 20 2021
ENVIRONMENTAL SERVICES
"BY NH DES WETLANDS BUREAU"

Cc: Steven Bird, City Planner
Steve Riker, Ambit Engineering, Inc.

ABUTTER'S LIST

**JN 2541
Peter Strachan
125 Spur Road
Dover, NH**

| MAP | LOT | NAME(S) | PO BOX | STREET ADDRESS | CITY/STATE/ZIP |
|------------|------------|--|---------------|--------------------------|-----------------------|
| L | 28 | Shannon Family Revocable Trust Michael G. & Kathleen M. Shannon | | | |
| L | 30 | Terrance W. Hopper & Laura H. Conley | | | |
| J | 22-B | W & B Draper Rev. Trust 1998 W & B Draper Trustees | | | |
| J | 20-1 | State of New Hampshire C/O NH Fish & Game | | | |
| | | Engineer | | | |
| | | Ambit Engineering, Inc. | | | |
| | | Civil Engineers & Land Surveyors | | 200 Griffin Road, Unit 3 | Portsmouth, NH 03801 |
| | | Applicant/Owner | | | |
| L | 29 | Peter Strachan | | | |



SEQUENCE OF CONSTRUCTION

- 1) MOBILIZATION OF A CRANE BARGE, PUSH BOAT, WORK SKIFF, MATERIALS AND PREFABRICATED COMPONENTS SUCH AS THE GANGWAY AND FLOAT TO THE SITE VIA AVAILABLE ACCESS.
- 2) MOBILIZATION OF EQUIPMENT TRUCKS TO THE SITE.
- 3) THE BARGE WILL BE POSITIONED ALONGSIDE THE PROPOSED LOCATION OF THE NEW DOCK AND WATERWARD 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) SUPER STRUCTURE OF THE PIER IS BUILT. MATERIALS ARE LIFTED FROM THE BARGE AND SET INTO POSITION BY THE CRANE.
- 7) ONCE THE PIER IS COMPLETE, THE GANGWAY AND FLOAT ARE BROUGHT INTO POSITION AND INSTALLED.

HEAVY EQUIPMENT IN WETLANDS OR MUDFLATS

OPERATING HEAVY EQUIPMENT OTHER THAN FIXED EQUIPMENT (DRILL RIGS, FIXED CRANES, ETC.) WITHIN WETLANDS SHALL BE MINIMIZED, AND SUCH EQUIPMENT SHALL NOT BE STORED, MAINTAINED OR REPAIRED IN WETLANDS, TO THE MAXIMUM EXTENT PRACTICABLE. WHERE CONSTRUCTION REQUIRES HEAVY EQUIPMENT OPERATION IN WETLANDS, THE EQUIPMENT SHALL EITHER HAVE LOW GROUND PRESSURE (TYPICALLY <3 PSI), OR IT SHALL BE PLACED ON SWAMP/CONSTRUCTION/TIMBER MATS (HEREIN REFERRED TO AS "CONSTRUCTION MATS" AND DEFINED IN APPENDIX A, ENDNOTE 4) THAT ARE ADEQUATE TO SUPPORT THE EQUIPMENT IN SUCH A WAY AS TO MINIMIZE DISTURBANCE OF WETLAND SOIL AND VEGETATION. CONSTRUCTION MATS ARE TO BE PLACED IN THE WETLAND FROM THE UPLAND OR FROM EQUIPMENT POSITIONED ON SWAMP MATS IF WORKING WITHIN A WETLAND. DRAGGING CONSTRUCTION MATS INTO POSITION IS PROHIBITED. OTHER SUPPORT STRUCTURES THAT ARE CAPABLE OF SAFELY SUPPORTING EQUIPMENT MAY BE USED WITH WRITTEN CORPS AUTHORIZATION (CATEGORY 2 AUTHORIZATION OR INDIVIDUAL PERMIT). SIMILARLY, THE PERMITTEE MAY REQUEST WRITTEN AUTHORIZATION FROM THE CORPS TO WAIVE USE OF MATS DURING FROZEN, DRY OR OTHER CONDITIONS. AN ADEQUATE SUPPLY OF SPILL CONTAINMENT EQUIPMENT SHALL BE MAINTAINED ON SITE. CONSTRUCTION MATS SHOULD BE MANAGED IN ACCORDANCE WITH THE CONSTRUCTION MAT BMPs AT WWW.NAF.USACE.ARMY.MIL/MISSIONS/REGULATORY.

TIME OF YEAR WORK WINDOWS/RESTRICTIONS

FOR ACTIVITIES WHERE WORK IS AUTHORIZED IN STREAMS AND TIDAL WATERS THAT CAUSES TURBIDITY OR SEDIMENT RE-SUSPENSION OR OTHER CONSTRUCTION RELATED DISTURBANCES, WORK MUST BE CONDUCTED DURING THE FOLLOWING T.O.Y. WORK WINDOWS (NOT DURING THE T.O.Y. RESTRICTIONS) UNLESS OTHERWISE AUTHORIZED BY THE CORPS UNDER CATEGORY 2 REVIEW:

| T.O.Y. RESTRICTION (NO WORK) | T.O.Y. WORK WINDOW (WORK ALLOWED) |
|---|-----------------------------------|
| NON-TIDAL WATERS OCT. 01 THROUGH JUL. 14 | JUL. 15 THROUGH SEP. 30 |
| TIDAL WATERS APR. 10 THROUGH NOV. 07 | NOV. 08 THROUGH APR. 09 |

ALTERNATE WINDOWS AUTHORIZED UNDER CATEGORY 2 MAY INCLUDE SPECIES SPECIFIC WINDOWS RECOMMENDED BY THE MAINE DEPT. OF MARINE RESOURCES AND/OR MAINE DEPT. OF INLAND FISHERIES & WILDLIFE.

FLOODPLAINS AND FLOODWAYS

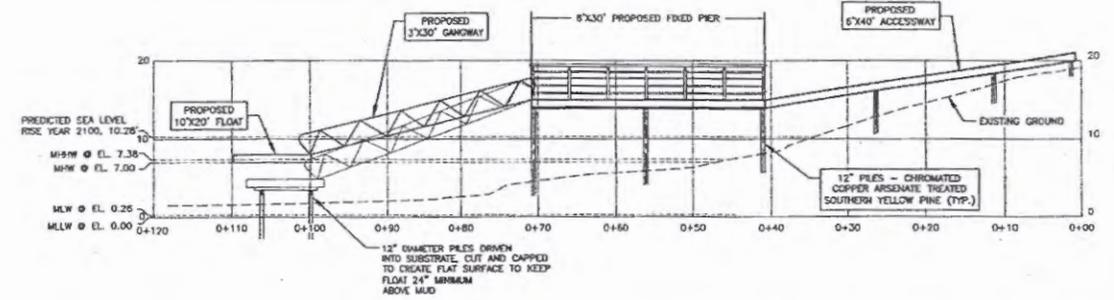
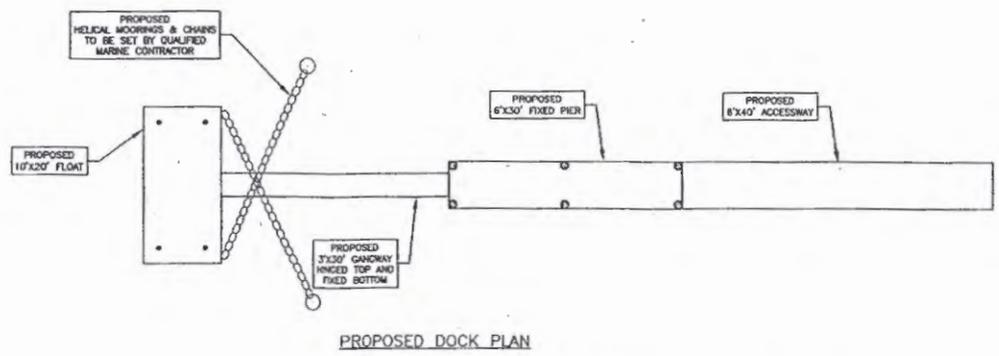
- A. APPROPRIATE MEASURES MUST BE TAKEN TO MINIMIZE FLOODING TO THE MAXIMUM EXTENT PRACTICABLE.
- B. ACTIVITIES WITHIN 100-YEAR FLOODPLAINS MUST COMPLY WITH APPLICABLE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)-APPROVED STATE AND/OR LOCAL FLOODPLAIN MANAGEMENT PERMITTING REQUIREMENTS. PROPOSENTS MAY NEED TO COORDINATE WITH FEMA AND APPLY FOR A FORMAL CHANGE TO THE FLOOD INSURANCE STUDY PRODUCTS OR FORWARD A SET OF PROJECT PLANS AND RELEVANT TECHNICAL DOCUMENTATION IN A DIGITAL FORMAT TO THE RISK ANALYSIS BRANCH CHIEF, MITIGATION DIVISION, FEMA, REGION 1, 99 HIGH STREET, BOSTON, MASSACHUSETTS 02110. APPLICANTS SHOULD PROVIDE A COPY OF ANY DOCUMENTATION TO THE CORPS ALONG WITH THE PCN.
- C. PROPOSENTS MAY HAVE TO OBTAIN A FLOOD HAZARD DEVELOPMENT PERMIT ISSUED BY THE TOWN. INQUIRIES MAY BE DIRECTED TO THE MUNICIPALITY OR TO THE MAINE FLOODPLAIN MANAGEMENT COORDINATOR AT (207) 287-8063. SEE [HTTP://WWW.MAINE.GOV/DNCF/FLOOD/](http://WWW.MAINE.GOV/DNCF/FLOOD/)

STORAGE OF SEASONAL STRUCTURES.

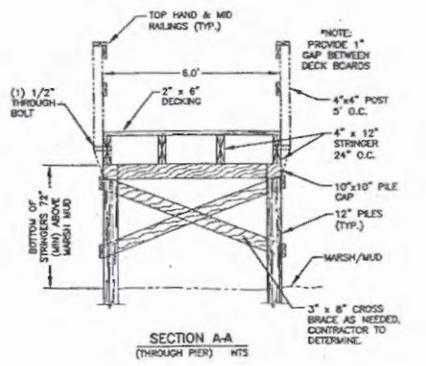
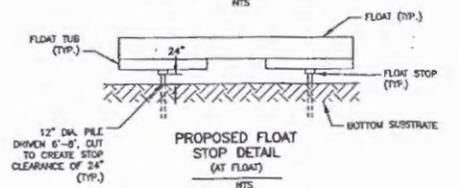
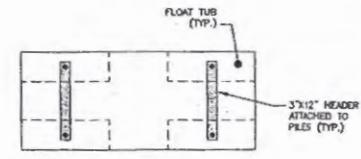
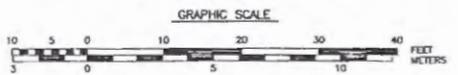
SEASONAL OR RECREATIONAL STRUCTURES SUCH AS PIER SECTIONS, FLOATS, AQUACULTURE STRUCTURES, ETC. THAT ARE REMOVED FROM THE WATERWAY FOR A PORTION OF THE YEAR (OFTEN REFERRED TO AS SEASONAL STRUCTURES) SHALL BE STORED IN AN UPLAND LOCATION LANDWARD OF HIGHEST ANNUAL TIDE (H.A.T.) OR ORDINARY HIGH WATER (OHW) AND NOT IN WETLANDS, TIDAL WETLANDS, THEIR SUBSTRATE OR ON MUDFLATS. THESE SEASONAL STRUCTURES MAY BE STORED ON THE FIXED, PILE-SUPPORTED PORTION OF THE STRUCTURE THAT IS WATERWARD OF H.A.T. OR OHW. SEASONAL STORAGE OF STRUCTURES IN NAVIGABLE WATERS, E.G., IN A PROTECTED COVE ON A MOORING, REQUIRES CORPS APPROVAL AND LOCAL HARBORMASTER APPROVAL.

SPAWNING, BREEDING, AND MIGRATORY AREAS.

- A. JURISDICTIONAL ACTIVITIES AND IMPACTS SUCH AS EXCAVATIONS, DISCHARGES OF DREDGED OR FILL MATERIAL, AND/OR SUSPENDED SEDIMENT PRODUCING ACTIVITIES IN JURISDICTIONAL WATERS THAT PROVIDE VALUE AS FISH MIGRATORY AREAS, FISH AND SHELLFISH SPAWNING OR NURSERY AREAS, OR AMPHIBIAN AND MIGRATORY BIRD BREEDING AREAS, DURING SPAWNING OR BREEDING SEASONS SHALL BE AVOIDED AND MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE.
- B. JURISDICTIONAL ACTIVITIES IN WATERS OF THE UNITED STATES THAT PROVIDE VALUE AS BREEDING AREAS FOR MIGRATORY BIRDS MUST BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE. THE PERMITTEE IS RESPONSIBLE FOR OBTAINING ANY "TAKE" PERMITS REQUIRED UNDER THE USFWS'S REGULATIONS GOVERNING COMPLIANCE WITH THE MIGRATORY BIRD TREATY ACT OR THE BALD AND GOLDEN EAGLE PROTECTION ACT. THE PERMITTEE SHOULD CONTACT THE APPROPRIATE LOCAL OFFICE OF THE USFWS TO DETERMINE IF SUCH "TAKE" PERMITS ARE REQUIRED FOR A PARTICULAR ACTIVITY.



PROPOSED DOCK ELEVATION
PROPOSED PIER, GANGWAY & FLOAT



PROPOSED PIER DETAIL

AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors
200 Griffin Road - Unit 3
Portsmouth, N.H. 03801-7114
Tel (603) 438-1082
Fax (603) 438-3315

- 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 10 AS DEPICTED ON PROPOSED DOCK ELEVATION. ALSO NOTE TIME OF YEAR AND NOISE RESTRICTIONS FOR DRIVING OF PILES.

STRACHAN RESIDENCE
125 SPUR ROAD
DOVER, N.H.

| NO. | DESCRIPTION | DATE |
|-----|-------------------------------------|---------|
| 3 | REVISE PIER DETAIL - HEIGHT OF PIER | 9/30/21 |
| 2 | ADD SEA LEVEL RISE YEAR 2100 | 8/17/21 |
| 1 | ISSUED FOR APPROVAL | 7/9/21 |
| 0 | ISSUED FOR COMMENT | 5/19/21 |

SCALE: 1" = 10' MAY 2021

DOCK DETAILS **D1**

