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Robert R. Scott, Commissioner

October 5, 2020

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

REQUESTED ACTION

Approve David and Jennifer Dumouchel's request to perform the following work on Lake Winnepesaukee in Alton Bay. File # 2020-00987. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Impact 269 square feet of bank in order to install a 4 foot x 65 foot hill tram, remove an existing 3 foot x 28 foot pier, construct a 6 foot x 30 foot piling pier to be connected to an existing 4 foot x 46 foot cantilevered pier, by a 6 foot x 12 foot walkway, repair 55 linear feet of existing breakwater and 34 linear feet of existing retaining wall, and install a 4 foot x 6 foot platform on an average of 100 feet of frontage along the northwestern portion of Rattlesnake Island on Lake Winnepesaukee located in Alton.

The New Hampshire Department of Environmental Services (NHDES) imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised plans revision date July 31, 2020 by White Mountain Survey & Engineering, Inc. as received by the NH Department of Environmental Services (NHDES) on August 6, 2020.
2. This permit shall not be effective until it has been recorded in the Belknap County Registry of Deeds and a copy of the recorded permit has been provided to the NHDES as required pursuant to RSA 482-A:3, and Env-Wt 314.02.
3. The impacts, including the removal of vegetation, associated with the construction of the hill tram shall not exceed 4 feet in width as required to meet Env-Wt 311.05, (18) and RSA 483-B:9, V, (a).
4. Any subdivision of the property frontage will require removal of a sufficient portion of the docking structures to comply with the dock size and density requirements in effect at the time of the subdivision as required to maintain compliance with Env-Wt 314.02 and Env-Wt 513.12.
5. Only those structures shown on the approved plans shall be installed or constructed along this frontage as required per Env-Wt 513.22, (a).
6. All portions of the docking structures shall be located at least 20 feet from the abutting property lines and no watercraft shall be secured to the docking facility such that it crosses over the imaginary extension of the property lines over the surface water as required by RSA 482-A:3, XIII.
7. The use of the docking structures shall be limited to the docking and securing of watercraft as required to comply with Env-Wt 307.09.

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8. Owners of permanent docking structures which are not maintained so as to be structurally sound and usable for their intended purpose shall remove those docking structures in accordance with Env-Wt 513.22(c), to prevent hazards to public safety, navigation, and recreation.
9. Piling supporting the docking structures shall be spaced a minimum of 12 feet apart as measured piling center to piling center pursuant to Env-Wt 513.22(a).
10. No agitating or heating device shall be installed for the purpose of inhibiting the formation of ice in proximity to the approved structures unless it has been registered with the municipal clerk of the town in which such device shall be operated pursuant to RSA 270:34 Registration Required.
11. Pursuant to RSA 270:33, Heating, Agitating, or Other Devices in Public Waters; Safety Hazard, no agitating or heating device installed in accordance with RSA 270:34 shall inhibit or prevent the natural formation of ice in such a manner as to impede either the ingress or egress to or from the ice from any property other than that of the owner of the device.
12. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
13. Pursuant to RSA 483-B:9, V, (a)(2)(d)(v), this permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a)(2)(D)(iv).
14. Water quality control measures capable of minimizing erosion; collecting sediment and suspended and floating materials; and filtering fine sediment shall be selected and implemented as appropriate based on the size and nature of the project and the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to jurisdictional areas as required pursuant to Env-Wt 307.03(c).
15. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality, that no turbidity escapes the immediate dredge area, and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
16. All construction-related debris shall be placed outside of those areas subject to RSA 482-A or RSA-483-B unless a permit for the deposition of materials within those areas has been obtained as required per RSA 482-A:3 or RSA 483-B:5-b respectively.
17. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, the NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

EXPLANATION

The NHDES approved this project on September 04, 2020. The NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 513.24(c)(3), the proposed docking structures are proposed adjacent to and attached to a breakwater.
2. The applicant has an average of 100 feet of frontage along Lake Winnepesaukee.
3. A maximum of 2 slips may be permitted on this frontage per Rule Env-Wt 513.12, Frontage Requirements for Private and Non-commercial Docking Structures.

4. The proposed docking facility will provide 2 slips as defined per RSA 482-A:2, VIII, and therefore meets Rule Env-Wt 513.12.
5. The NHDES finds that because the project is not of significant public interest and will not significantly impair the resources of Lake Winnepesaukee a public hearing under RSA 482-A:8 is not required.
6. The applicant has provided the NHDES with evidence that the property has insufficient water depth as required by Env-Wt 513.08(b).
7. The NHDES has accepted the evidence of the physical hardship and approved the extension of a pier beyond that permissible under Env-Wt 513.11(a)(1)(b).
8. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900.

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: Dumouche

TOWN NAME: Alton

			File # <u>2020-00987</u>
			Check No: <u>1564</u>
			Amount: <u>\$2,300.00</u>
			Initials: <u>DB</u>

A person may request a waiver to requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interests of the public or the environment. A person may also request a waiver of standard for existing dwellings over water pursuant to RSA 482-A:26, III (b). For more information, please consult the 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 (WPPIT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Resource 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? Yes No. If yes, provide the following information:

- Does the project qualify for an Impact Classification Adjustment or a Project-Type Exception (See Env-Wt 407.02 and Env-Wt 407.04)? Yes No
- Protected species or habitat? Yes No. If yes, species or habitat name(s):
- NHB Project ID #: NHB20:0525
- 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? Yes No. If yes, provide the following information:

- Name of Local River Management Advisory Committee (LAC): N/A
- A copy of the application was sent to the LAC on Month: N/A Day: N/A Year: N/A

For stream crossing projects, provide watershed size: N/A

For dredging projects, is the subject property contaminated? Yes No
If yes, list contaminant: N/A

Is there potential to impact impaired waters, class A waters, or outstanding resource waters? Yes No

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

SECTION 2 - PROJECT DESCRIPTION (Env. Wt. 311:04(j))
 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" in the space provided below.

Extension of an existing landing and construction of a hill tram (funicular) to facilitate moving supplies over the extremely steep banking; repair of an existing retaining wall along a perched beach; removal of an existing slender finger dock and replacing with a properly sized one; dredging of the boat slip area to maintain access to the site during periods of lake drawdown; returning or replacing fallen stones from an existing breakwater; installation of seasonal steps for water access.

SECTION 3 - PROJECT LOCATION
 Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS: 1000 Rattlesnake Island TOWN/CITY: Alton Bay

TAX MAP/BLOCK/LOT/UNIT: Map 75, Lot 64

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Lake Winnepesaukee
 N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):
43.57341° North
71.30273° 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: Dumouchel, David P. & Jennifer P.

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.: Alton, David R.

COMPANY NAME: White Mountain Survey & Engineering, Inc. MAILING ADDRESS: PO Box 440

TOWN/CITY: Ossipee STATE: NH ZIP CODE: 03864

EMAIL ADDRESS: dalton@whitemountainsurvey.com FAX: 603-539-7912 PHONE: 603-539-4118 X305

ELECTRONIC COMMUNICATION: By initialing here: 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: [REDACTED]
 MAILING ADDRESS: [REDACTED]
 TOWN/CITY: [REDACTED] STATE: [REDACTED] ZIP CODE: [REDACTED]
 EMAIL ADDRESS: [REDACTED] FAX: [REDACTED] PHONE: [REDACTED]

ELECTRONIC COMMUNICATION: By initialing here [REDACTED], 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).

Env-Wt 400 (Wetlands and PRAs): Not Applicable

Env-Wt 500 (Project Specific Requirements):
Env-Wt 511 (retaining wall repair, seasonal steps for water access); Env-Wt 512/07 (breakwater repair); Env-Wt 513.11 (replacement of finger dock); Env-Wt 518 (hill tram, boat slip, dredge for non-seasonal access)

Env-Wt 600 (Coastal lands and tidal waters/wetlands): Not Applicable

Env-Wt 700 (Prime Wetlands): Not Applicable

Env-Wt 900 (Stream Crossings): Not Applicable

SECTION 8: AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)). If all impacts cannot be avoided, a functional assessment is required for minor and major projects (Env-Wt 311.03(b)(10)). 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.

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

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)

Have you submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent impacts that will remain after avoidance and minimization demonstration? Yes No
 N/A - 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 required permitting).
 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	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Scrub-shrub Wetland	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Emergent Wetland	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Wet Meadow	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Vernal Pool	N/A	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Designated Prime Wetland	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
Surface Water	Intermittent / Ephemeral* Stream	N/A	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Perennial Stream or River	N/A	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Lake / Pond	1,610	34	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Docking - Lake / Pond	262	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Docking - River	N/A	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
Banks	Bank - Intermittent Stream	N/A	N/A	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>
	Bank - Perennial Stream / River	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Bank/shoreline - Lake / Pond	346		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
Tidal	Tidal Waters	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Tidal Marsh	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Sand Dune	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Previously-developed TBZ	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
	Docking - Tidal Water	N/A		<input checked="" type="checkbox"/>	N/A		<input checked="" type="checkbox"/>
TOTAL		2,218	34		N/A	N/A	

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

<input checked="" type="checkbox"/> MINIMUM IMPACT FEE: Flat fee of \$400
<input type="checkbox"/> 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)
<input checked="" type="checkbox"/> MINOR OR MAJOR IMPACT FEE: Calculate using the table below:
Permanent and temporary (non-docking): 17956 SF × \$0.40 = \$ 7822.40
Seasonal docking structure: 0 SF × \$2.00 = \$ 0.00
Permanent docking structure: 262 SF × \$4.00 = \$ 1048.00
Projects proposing shoreline structures (including docks) add \$400 = \$ 400.00
Total = \$ 2230.00
The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 2230.00

SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)
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: DD	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials: DD	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: DD	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"> Deny the application. Revoke any approval that is granted based on the information. And 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 trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.
Initials: DD	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 SIGNATURE (Env-Wt 311.04(d), Env-Wt 311:11)

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: David Dumouchel	DATE: 10/27/2020
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: 	DATE:
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: 	DATE:

May 15 2020

NHDES-W-06-012

SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)		
<input type="checkbox"/> MINIMUM IMPACT FEE: Flat fee of \$400		
<input type="checkbox"/> 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)		
<input checked="" type="checkbox"/> MINOR OR MAJOR IMPACT FEE: Calculate using the table below:		
Permanent and temporary (non-docking):	1,956 SF	x \$0.40 = \$ 782.40
Seasonal docking structure:	0 SF	x \$2.00 = \$ 0.00
Permanent docking structure:	262 SF	x \$4.00 = \$ 1,048.00
Projects proposing shoreline structures (including docks) add \$400 =		\$ 400.00
Total =		\$ 2,230.00
The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 2,230.00		
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: 	<p>The signer understands that:</p> <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"> Deny the application. Revoke any approval that is granted based on the information. And 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 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 SIGNATURE (Env-Wt 311.04(d); Env-Wt 311.11)		
SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: David Dumouche	DATE: 04/27/2020
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: DAVID R. ATTON	DATE: 5/15/2020

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: <u>Lisa Noyes</u>
TOWN/CITY: <u>Alton</u>	DATE: <u>5/1/2020</u>

DIRECTIONS FOR TOWN/CITY CLERK:

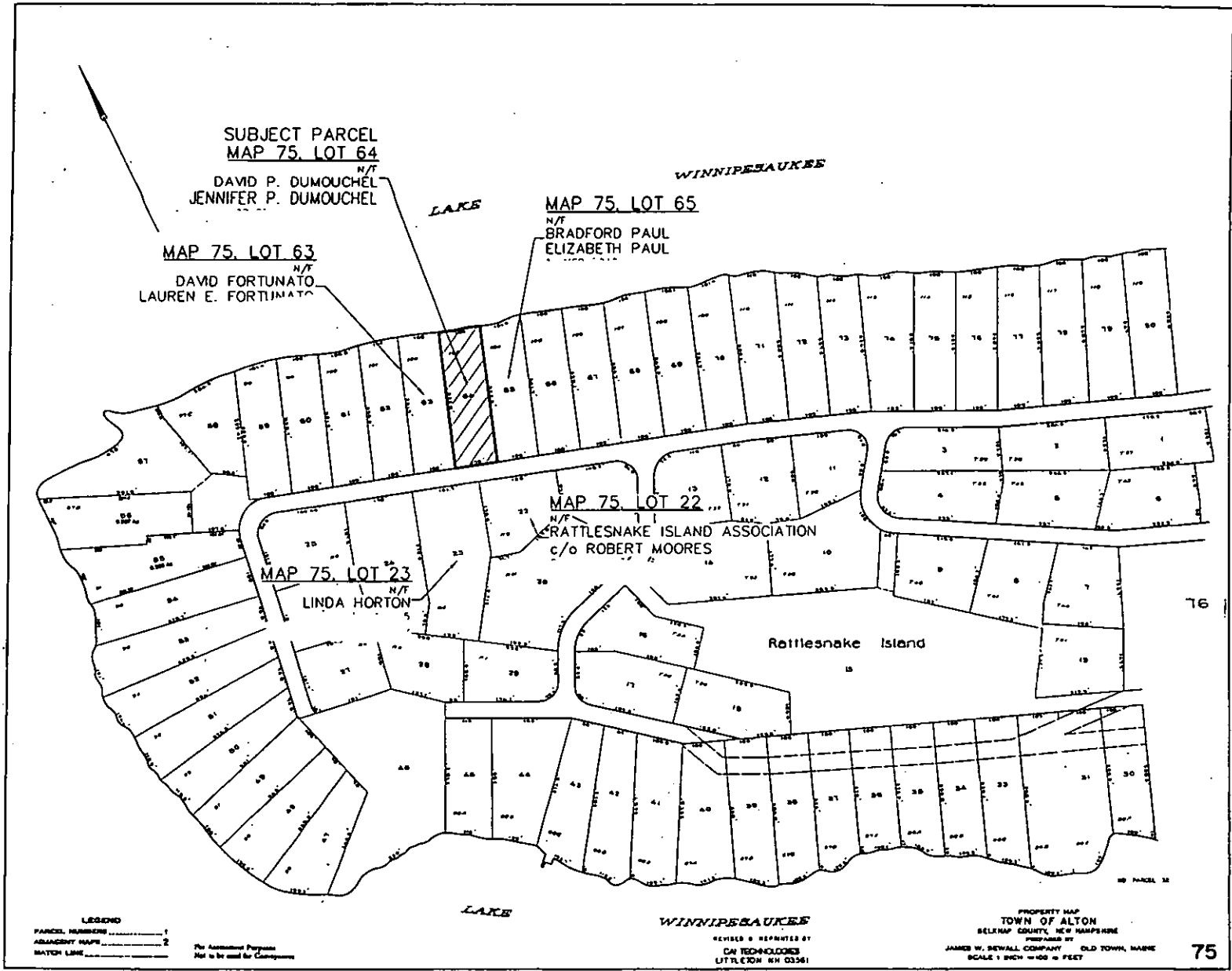
Per RSA 482-A:3, I(a)(1)

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. And
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 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 at the address at the bottom of this page.

RECEIVED
MAY 11 2020
NHDES
LAND RESOURCES ADMINISTRATION



SUBJECT PARCEL
MAP 75, LOT 64

DAVID P. DUMOUCHEL
JENNIFER P. DUMOUCHEL

MAP 75, LOT 63

DAVID FORTUNATO
LAUREN E. FORTUNATO

MAP 75, LOT 65

BRADFORD PAUL
ELIZABETH PAUL

MAP 75, LOT 22

RATTLESNAKE ISLAND ASSOCIATION
c/o ROBERT MOORES

MAP 75, LOT 23

LINDA HORTON

Rattlesnake Island

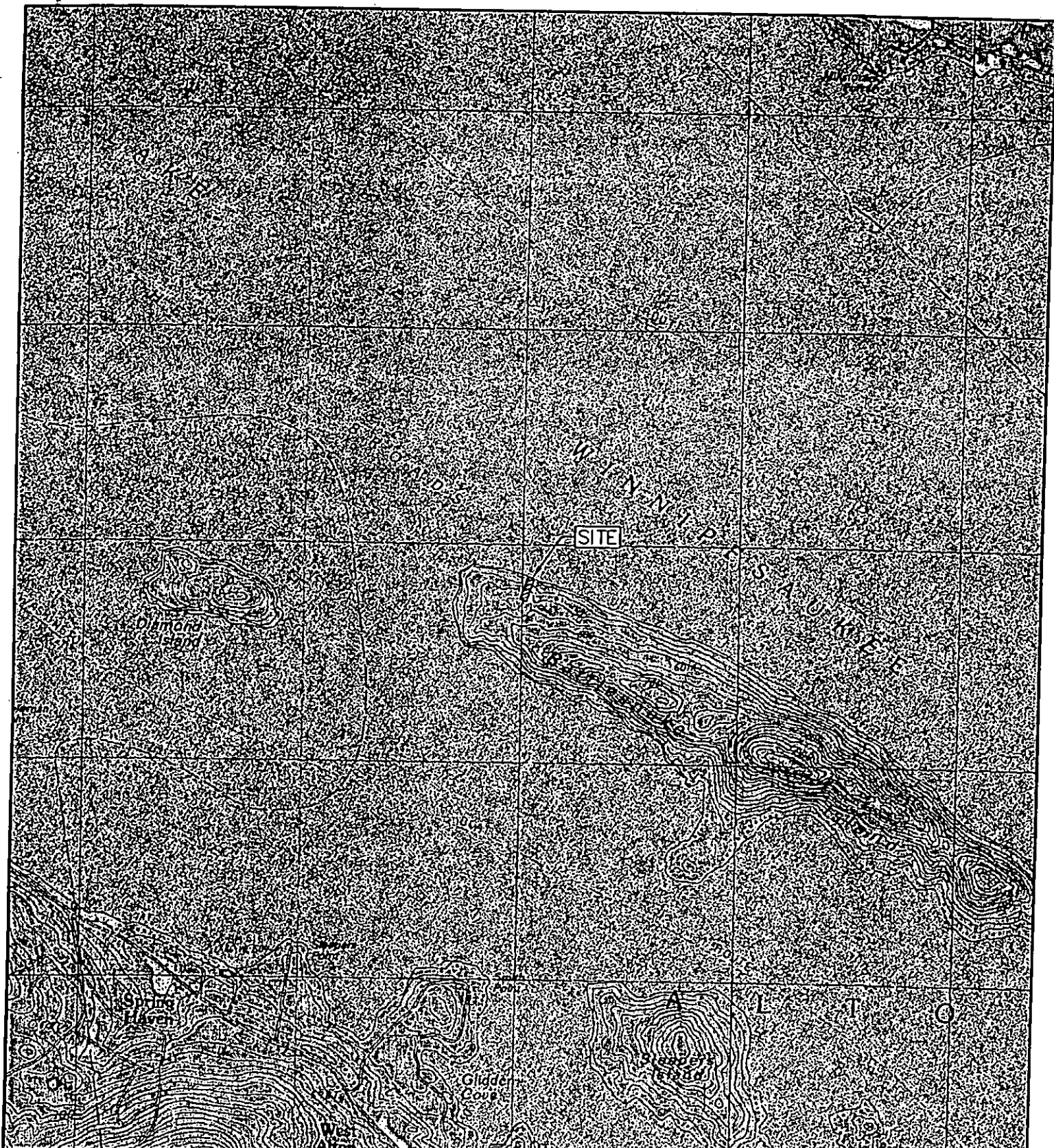
LEGEND
PARCEL NUMBER 1
ADJACENT MAPS 2
MATCH LINE

No Assessor Purpose
Not to be used for Contingency

WINNIPESAUKEE
REVISED & REPRINTED BY
CA TECHNOLOGIES
LITTLETON NH 03361

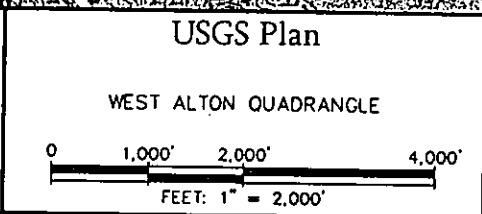
PROPERTY MAP
TOWN OF ALTON
BELKNAP COUNTY, NEW HAMPSHIRE
PREPARED BY
JAMES W. SEWALL COMPANY OLD TOWN, MAINE
SCALE 1 INCH = 100 FEET

75



ADDRESS:
 1000 RATTLESNAKE ISLAND
 ALTON BAY, NEW HAMPSHIRE

OWNER:
 DAVID P. DUMOUCHEL
 JENNIFER P. DUMOUCHEL

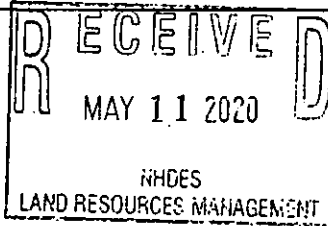


AGENT: **WHITE MOUNTAIN SURVEY & ENGINEERING, INC.**
 PO BOX 440, OSSISPEE, NH 03864 (603) 539-4118, whitemountainsurvey.com

SHEET
 1 OF 1



New Hampshire Natural Heritage Bureau



Date: 2/20/2020

To: David Aiton
P.O. Box 440
Ossipee, NH 03864

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 2/20/2020
NHB File ID: NHB20-0525

Applicant: David Aiton

Location: Tax Map(s)/Lot(s): Tax Map 75, Lot 64
Alton

Project Description: Extension of an existing landing and construction of a hill tram (funicular) to facilitate moving supplies over the extremely steep banking; repair of an existing retaining wall along a perched beach; removal of an existing slender finger dock and replacing with a properly sized one; dredging of the boat slip area to maintain access to the site during periods of lake drawdown; returning or replacing fallen stones from an existing breakwater; installation of seasonal steps for water access; addition to an existing deck.

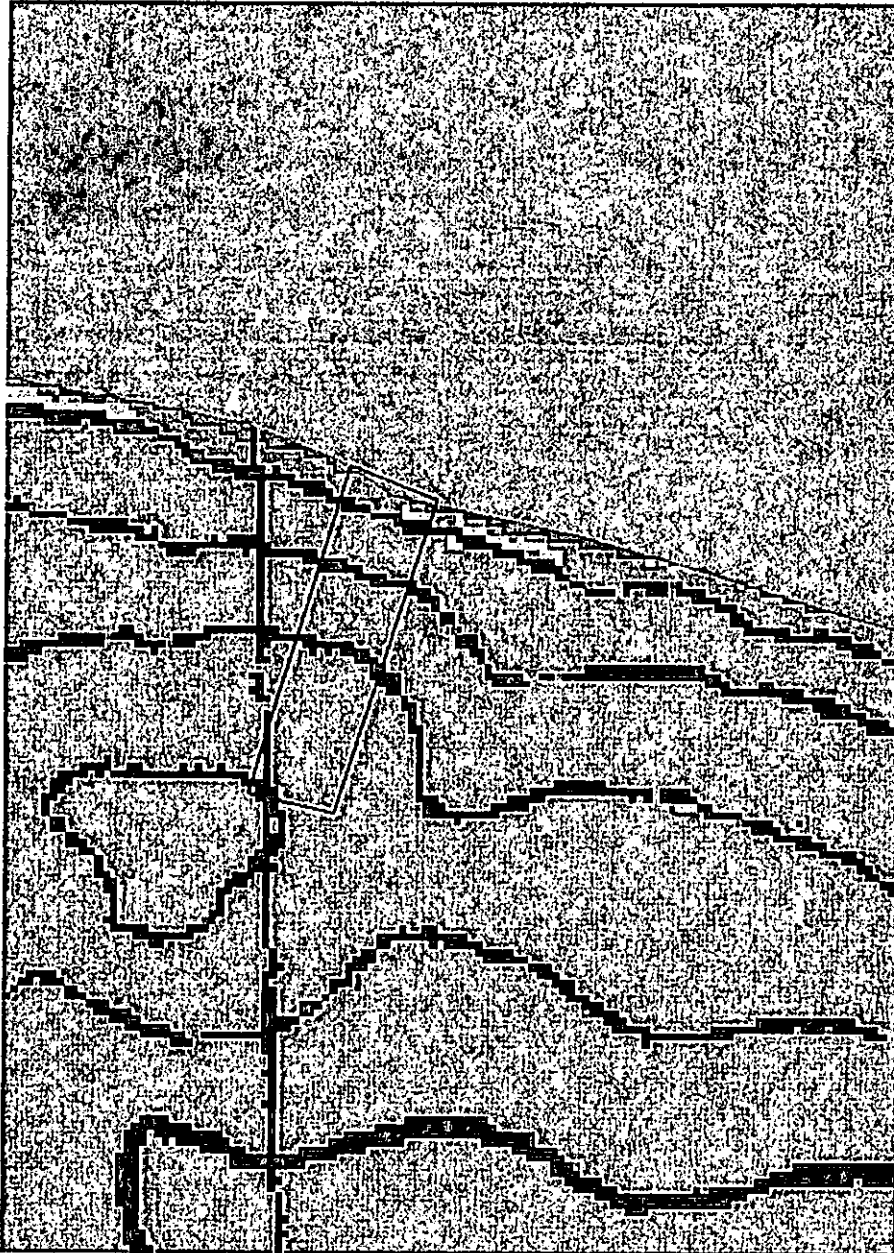
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

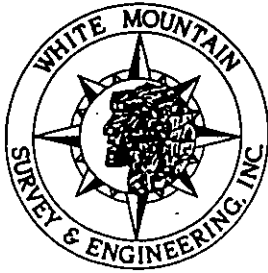
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 2/19/2021.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB20-0525





WHITE MOUNTAIN SURVEY & ENGINEERING, INC.

1270 ROUTE 16, POST OFFICE BOX 440

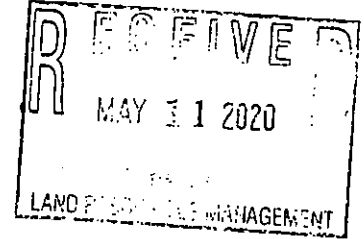
OSSIPEE, NH 03864-0440

TELEPHONE (603) 539-4118 FACSIMILE (603) 539-7912

WEB ADDRESS: www.whitemountainsurvey.com

**1000 Rattlesnake Island
Alton Bay, New Hampshire**

Abutter List



Tax Map/Lot Number

Owner

75/64 (Subject Parcel)

David P. Dumouchel
Jennifer P. Dumouchel

75/22

Rattlesnake Island Association
c/o Robert Moores

75/23

Linda Horton

75/63

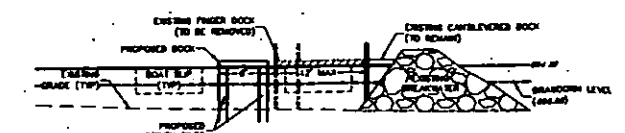
David Fortunato
Lauren E. Fortunato

75/65

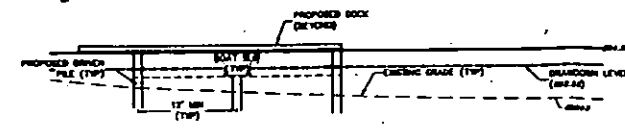
Bradford Paul
Elizabeth Paul

Agent

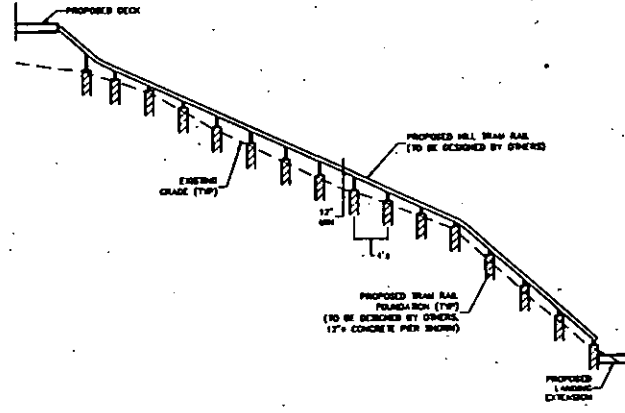
*White Mountain Survey & Engineering, Inc.
PO Box 440
Ossipee, NH 03864*



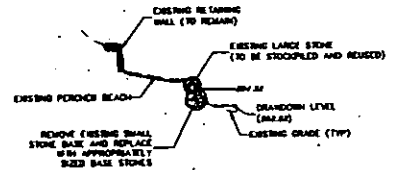
SECTION A-A
1" = 10'



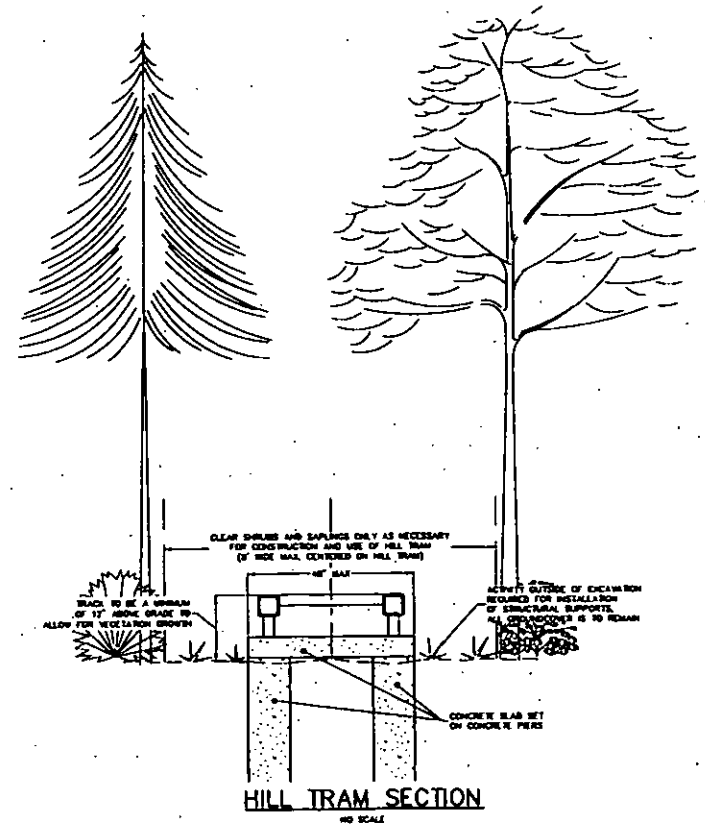
SECTION B-B
1" = 10'



SECTION C-C
1" = 10'

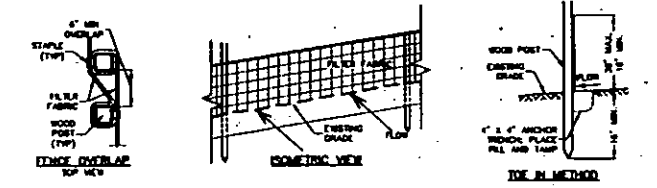


SECTION D-D
1" = 10'

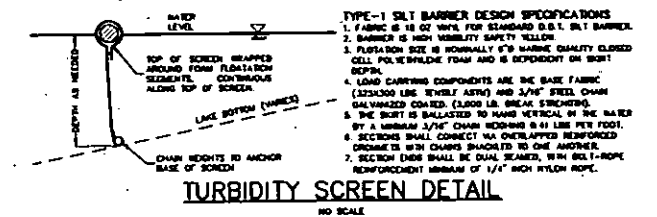


HILL TRAM SECTION
NO SCALE

IF CONDITIONS PERMIT, CONTRACTOR SHALL USE ALTERNATE, LESS IMPACTING, CONSTRUCTION METHODS



- SILT FENCE DETAIL**
NO SCALE
- INSTALL AROUND STUMPED MATERIALS AND THROUGHOUT THE SITE USING BEST MANAGEMENT PRACTICES
- SPECIFICATIONS**
- A. FILTER FABRIC AND POSTS**
1. FILTER FABRIC SHALL BE A POLYPROPYLENE, NYLON, POLYESTER OR ENVIRONMENTALYAM CERTIFIED BY THE MANUFACTURER OR SUPPLIER.
 2. FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY ABSORBERS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 TO 120 DEGREES FAHRENHEIT.
 3. FILTER FABRIC SHALL BE PURCHASED IN A CONTRACTOR SHALL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. IF JOINTS ARE NECESSARY, FILTER FABRIC SHALL BE SPICED TOGETHER WITH A MINIMUM 6 INCH OVERLAP, BOLDED AND SECURED AT A SUPPORT POST.
 4. POSTS FOR SILT FENCES SHALL BE 1-2 INCH X 1-2 INCH HARDWOOD STAKES OR 1.5 INCH DIA LINEAR POST STEEL WITH A MINIMUM LENGTH OF 3 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
 5. A MANUFACTURED SILT FENCE SYSTEM WITH INTEGRAL POSTS SPACED AT 6 FEET MAXIMUM MAY BE USED. SUPPORT POSTS SHALL BE SIZED AND ANCHORED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- B. INSTALLATION**
1. FENCES SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE. THE EDGE OF THE FENCE SHALL BE PLACED UPHILL WITH "BUBBLES" OR "J-HOOKS" TO REDUCE THE DRAINAGE AREA THAT ANY SEGMENT WILL IMPOUND.
 2. SILT FENCES PLACED AT THE TOE OF A SLOPE SHALL BE SET AT LEAST 6 FEET FROM THE TOE TO ALLOW FOR PONDING AND MAINTENANCE ACCESS WITHOUT DESTROYING THE SLOPE.
 3. A TRENCH SHALL BE EXCAVATED A MINIMUM OF 4 INCHES WIDE AND 4 INCHES DEEP UPWARD OF POSTS AND BARRIERS. A MINIMUM OF 8 INCHES OF FILTER FABRIC SHALL BE EXPOSED IN TRENCH WITH BACKFILL COMPACTED OVER THE FILTER FABRIC. ALTERNATIVELY, SILT FENCE MAY BE INSTALLED BY "TRENCH" USING MECHANICAL EQUIPMENT SPECIFICALLY DESIGNED FOR THIS PROCEDURE.
 4. IF SITE CONDITIONS PRECLUDE EXCAVATION OF TRENCH, THE BASE OF THE FABRIC SHALL BE ANCHORED WITH A MINIMUM THICKNESS OF 8 INCHES OF 1/2-INCH STEEL. FILTER FABRIC SHALL NOT EXTEND MORE THAN 30 INCHES ABOVE EXISTING GRADE.
 5. POSTS SHALL BE PLACED ON THE DOWN-SLOPE SIDE OF THE FABRIC WITH SPACING NOT TO EXCEED 6 FEET. SILT FENCES SHALL NOT BE STAPLED OR NAILED TO TREES.
 6. ADJACENT SECTIONS OF SILT FENCE SHALL BE OVERLAPPED BY A MINIMUM OF 6 INCHES (24 INCHES PREFERRED), FENCED AND STAPLED TO A SUPPORT POST. IF METAL POSTS ARE USED, FABRIC SHALL BE NAIL-RED DIRECTLY TO THE POSTS WITH THREE DIAGONAL NAILS.
- C. MAINTENANCE**
1. THE MEDIA LIFE OF SILT FENCE IS ONE SEASON. SILT FENCE SHALL BE REPLACED PERIODICALLY AS REQUIRED TO MAINTAIN EFFECTIVENESS ON PRODUCTS EXCEEDING ONE SEASON.
 2. FENCES SHALL BE INSPECTED AND MAINTAINED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 3. SEDIMENT DEPOSITION SHALL BE REMOVED AT A MINIMUM WHEN DEPOSITION ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FENCE, AND REMOVED TO A LOCATION NOT UP-SLOPE OF SILT FENCE.
 4. SILT FENCES SHALL BE REPAIRED IMMEDIATELY IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION DOWN-SLOPE. SILT FENCE SHALL BE REPLACED WITH A TEMPORARY CHECK DAM IF SIGNS OF UNDERCUTTING OR SPREADING OF LARGE VOLUMES OF SAND OCCURS.
 5. EXISTING SILT FENCE UPHILL OR REPLACE WITH TEMPORARY DIMENSIONS OR SEDIMENT TRAPS IF THERE IS EVIDENCE OF DIRT FLOW.
 6. FILTER FABRIC SHALL BE REPLACED IMMEDIATELY IF DECOMPOSITION OR NOTICABLE WEAR OCCURS PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND IS STILL REQUIRED.
 7. SEDIMENT DEPOSITS REMAINING IN PLACE AFTER REMOVAL OF SILT FENCE SHALL BE CROSSLAND TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDING.
 8. ONCE UP-SLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED SILT FENCES SHALL BE REMOVED.



TURBIDITY SCREEN DETAIL
NO SCALE

- TYPE-1 SILT BARRIER DESIGN SPECIFICATIONS**
1. FABRIC IS 18" OF WYLE FOR STANDARD D.S.T. SILT BARRIER.
 2. BARRIER IS HIGH VISIBILITY SAFETY YELLOW.
 3. FLUTATION SIZE IS NORMALLY 1/2" BARSING QUALITY CLOSED CELL POLYETHYLENE FOAM AND IS SECURED ON BOTH SIDES.
 4. LEAD CARRYING COMPONENTS ARE THE BASE FABRIC (2252300 LBS TENSILE STRENGTH) AND 3/4" STEEL CHAIN GALVANIZED COATED (1300 LB. BREAK STRENGTH).
 5. THE SHIRT IS BALLASTED TO HARD VERTICAL IN THE BARRIER BY A MINIMUM 1/4" CHAIN HITCHING 9-41 LBS PER FOOT.
 6. SECTIONS SHALL CONNECT VIA OVERLAPPED REINFORCED CORDAGE IS WITH CHAINS SHROTTED TO ONE ANOTHER.
 7. SECTION ENDS SHALL BE DUAL BEAMED, WITH SILT-ROPE REINFORCEMENT MINIMUM OF 1/4" HIGH NYLON ROPE.

<p>LEGEND</p> <p>PROPERTY BOUNDARY ---</p> <p>EXISTING GRADE ---</p> <p>PROPOSED GRADE ---</p> <p>EXISTING SPOT GRADE ---</p> <p>PROPOSED SPOT GRADE ---</p> <p>EXISTING FENCE ---</p> <p>PROPOSED FENCE ---</p> <p>EXISTING ROAD ---</p> <p>PROPOSED ROAD ---</p> <p>EXISTING STRUCTURE ---</p> <p>PROPOSED STRUCTURE ---</p> <p>EXISTING VEGETATION ---</p> <p>PROPOSED VEGETATION ---</p> <p>EXISTING UTILITY ---</p> <p>PROPOSED UTILITY ---</p> <p>EXISTING EROSION ---</p> <p>PROPOSED EROSION ---</p> <p>EXISTING SILT FENCE ---</p> <p>PROPOSED SILT FENCE ---</p> <p>EXISTING SAND ---</p> <p>PROPOSED SAND ---</p>		<p>REFERENCES</p> <p>1. Carroll County Registry of Deeds (CCRD book/prop)</p> <p>2. Title of Land Proposed for Deeds P. & Jennifer P. Dumouchel, 1000 Rattlesnake Island, Alton, New Hampshire by State Mountain Survey & Engineering, Inc. dated May 10/21/2019</p>	<p>CERTIFICATION</p> <p>THIS PLAN REPRESENTS THE DESIGN, SPECIFICATIONS AND OTHER INFORMATION OF THE ENGINEERING WORK OF THE FIRM AND HAS BEEN PREPARED BY ME AND BY OTHERS UNDER MY DIRECT SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW HAMPSHIRE. I AM NOT PROVIDING ANY GUARANTEE, WARRANTY OR ASSURANCE OF ANY KIND, AND I AM NOT PROVIDING ANY GUARANTEE OF ANY KIND, AND I AM NOT PROVIDING ANY GUARANTEE OF ANY KIND.</p> <p>DATE: 10/21/2019</p> <p>BY: [Signature]</p> <p>FOR: [Signature]</p>	<p>LOCATION PLAN</p> <p>1000 RATTLESNAKE ISLAND</p> <p>ALTON BAY, NEW HAMPSHIRE</p>	<p>SHEET</p> <p>2 of 1</p> <p>REVISION: [Table]</p> <p>DATE: 10/21/2019</p> <p>BY: [Signature]</p>	<p>WHITE MOUNTAIN SURVEY & ENGINEERING, INC.</p> <p>1000 RATTLESNAKE ISLAND</p> <p>ALTON BAY, NEW HAMPSHIRE</p> <p>WWW.WHITEMOUNTAINSURVEY.COM</p>
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