

Department of Environmental Protection
 Bureau of Land & Water Quality
 17 State House Station
 Augusta, Maine 04333
 Telephone: 207-287-7688

FOR DEP USE
 ATS # 84971
 L- 28397-4E-A-M
 Total Fees: 9315.00 CK# 3087
 Date: Received 8/23/19

APPLICATION FOR A NATURAL RESOURCES PROTECTION ACT PERMIT

→ PLEASE TYPE OR PRINT IN BLACK INK ONLY

1. Name of Applicant: <u>Jeff Spinney</u>		5. Name of Agent:	
2. Applicant's Mailing Address: <u>126 Golden Ridge Rd. Ana, ME 04535</u>		6. Agent's Mailing Address:	
3. Applicant's Daytime Phone #: <u>(207) 227-9017</u>		7. Agent's Daytime Phone #:	
4. Applicant's Email Address (Required from either applicant or agent): <u>jeff.spinney@gmail.com</u>		8. Agent's Email Address:	
9. Location of Activity: (Nearest Road, Street, Rt.#) <u>126 Golden Ridge Rd</u>		10. Town: <u>Ana</u>	11. County: <u>Lincoln</u>
12. Type of Resource: (Check all that apply) <input checked="" type="checkbox"/> River, stream or brook <input type="checkbox"/> Great Pond <input type="checkbox"/> Coastal Wetland <input type="checkbox"/> Freshwater Wetland <input type="checkbox"/> Wetland Special Significance <input type="checkbox"/> Significant Wildlife Habitat <input type="checkbox"/> Fragile Mountain	13. Name of Resource: <u>Sheepscot River</u>		
	14. Amount of Impact: (Sq.Ft.) Fill: Dredging/Veg Removal/Other:		
15. Type of Wetland: (Check all that apply) <input type="checkbox"/> Forested <input type="checkbox"/> Scrub Shrub <input type="checkbox"/> Emergent <input type="checkbox"/> Wet Meadow <input type="checkbox"/> Peatland <input checked="" type="checkbox"/> Open Water <input type="checkbox"/> Other _____	FOR FRESHWATER WETLANDS		
	Tier 1 <input type="checkbox"/> 0 - 4,999 sq ft. <input type="checkbox"/> 5,000-9,999 sq ft <input type="checkbox"/> 10,000-14,999 sq ft	Tier 2 <input type="checkbox"/> 15,000 - 43,560 sq. ft.	Tier 3 <input checked="" type="checkbox"/> > 43,560 sq. ft. or smaller than 43,560 sq. ft., not eligible for Tier 1
16. Brief Activity Description: <u>Boat ramp planking / Pier/Ramp alteration</u>			
17. Size of Lot or Parcel & UTM Locations: <input type="checkbox"/> square feet, or <input checked="" type="checkbox"/> <u>120</u> acres		UTM Northing: _____ UTM Easting: _____	
18. Title, Right or Interest: <input checked="" type="checkbox"/> own <input type="checkbox"/> lease <input type="checkbox"/> purchase option <input type="checkbox"/> written agreement			
19. Deed Reference Numbers: Book#: <u>3715</u> Page: <u>99</u>		20. Map and Lot Numbers: Map #: <u>R4</u> Lot #: <u>214</u>	
21. DEP Staff Previously Contacted: <u>Jami McNeil</u>		22. Part of a larger project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
23. Resubmission of Application?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, previous application # _____	
24. Written Notice of Violation?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, name of DEP enforcement staff involved: _____	
26. Detailed Directions to the Project Site: <u>Rt 218N to Ana, East on Cross Rd, North on Golden Ridge Rd</u>		25. Previous Wetland Alteration: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
27. TIER 1 <input type="checkbox"/> Title, right or interest documentation <input type="checkbox"/> Topographic Map <input type="checkbox"/> Narrative Project Description <input type="checkbox"/> Plan or Drawing (8 1/2" x 11") <input type="checkbox"/> Photos of Area <input type="checkbox"/> Statement of Avoidance & Minimization <input type="checkbox"/> Statement/Copy of cover letter to MHPC		TIER 2/3 AND INDIVIDUAL PERMITS <input checked="" type="checkbox"/> Title, right or interest documentation <input checked="" type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Copy of Public Notice/Public Information Meeting Documentation <input type="checkbox"/> Wetlands Delineation Report (Attachment 1) that contains the Information listed under Site Conditions <input checked="" type="checkbox"/> Alternatives Analysis (Attachment 2) including description of how wetland impacts were Avoided/Minimized <input type="checkbox"/> Erosion Control/Construction Plan <input type="checkbox"/> Functional Assessment (Attachment 3), if required <input type="checkbox"/> Compensation Plan (Attachment 4), if required <input type="checkbox"/> Appendix A and others, if required <input type="checkbox"/> Statement/Copy of cover letter to MHPC <input type="checkbox"/> Description of Previously Mined Peatland, if required	
28. FEES Amount Enclosed: <u>\$515.-</u>			

CERTIFICATIONS AND SIGNATURES LOCATED ON PAGE 2

IMPORTANT: IF THE SIGNATURE BELOW IS NOT THE APPLICANT'S SIGNATURE, ATTACH LETTER OF AGENT AUTHORIZATION SIGNED BY THE APPLICANT.

By signing below the applicant (or authorized agent), certifies that he or she has read and understood the following :

DEP SIGNATORY REQUIREMENT

PRIVACY ACT STATEMENT

Authority: 33 USC 401, Section 10; 1413, Section 404. Principal Purpose: These laws require permits authorizing activities in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Disclosure: Disclosure of requested information is voluntary. If information is not provided, however, the permit application cannot be processed nor a permit be issued.

CORPS SIGNATORY REQUIREMENT

USC Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry shall be fined not more than \$10,000 or imprisoned not more than five years or both. I authorize the Corps to enter the property that is subject to this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein.

DEP SIGNATORY REQUIREMENT

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Further, I hereby authorize the DEP to send me an electronically signed decision on the license I am applying for with this application by emailing the decision to the address located on the front page of this application (see #4 for the applicant and #8 for the agent)."


SIGNATURE OF AGENT/APPLICANT

8/22/19

Date: 8/22/19

NOTE: Any changes in activity plans must be submitted to the DEP and the Corps in writing and must be approved by both agencies prior to implementation. Failure to do so may result in enforcement action and/or the removal of the unapproved changes to the activity.

(pink)

2019 AUG 23 PM 1:35

Divorce Deed

QUITCLAIM DEED

NOW ALL MEN BY THESE PRESENTS, THAT Jeffrey Spinney and Emma Spinney per Divorce Judgement (Docket No. WIS-FM-05180 State of Maine, Lincoln, SS.) does hereby remise, release, bargain, sell and convey and forever quitclaim unto the said Jeffrey Spinney, his heirs and assigns forever, all its right, title and interest in an to the following described real estate:

Those certain premises described on the Tax Maps for the Town of Alna as Map R-4, Lot 21-A & 22 and in certain liens recorded respectively in Book 2902, Page 199 in the Lincoln County Registry of Deeds.

TO HAVE AND TO HOLD the same, together with all the privileges and appurtenances thereunto belonging, to the said Jeffrey Spinney his heirs and assigns forever.

IN WITNESS WHEREOF, the said Jeffrey & Emma Spinney have caused this instrument to be sealed with its signature, this 19 of July, 2006.

SIGNED, SEALED and DELIVERED

X *[Signature]*
X Emma M. Page Spinney

STATE OF MAINE, Lincoln, ss. July 19, 2006

Personally appeared the above named Jeffrey Spinney acknowledged the foregoing instrument to be his/her free act and deed.

Before me, *[Signature]*

Notary Public/Attorney at Law

DONNA J. WALLACE
Notary Public, Maine

Print Name: _____
My Commission Expires February 18, 2007

STATE OF Texas, Denton, ss. July 28, 2006

08/08

**PUBLIC NOTICE:
NOTICE OF INTENT TO FILE**

Please take notice that

Jeff Spinney 126 Golden Ridge Rd
Ana, Me 04535 (207) 227-9017
(Name, Address and Phone # of Applicant)

is intending to file a Natural Resources Protection Act permit application with the Maine Department of Environmental Protection pursuant to the provisions of 38 M.R.S.A. §§ 480-A thru 480-BB on or about

8/30/19

(anticipated filing date)

The application is for

Dock and boat ramp repair work in
shoreland zone (description of the project)

at the following location:

126 Golden Ridge Rd
(project location)

A request for a public hearing or a request that the Board of Environmental Protection assume jurisdiction over this application must be received by the Department in writing, no later than 20 days after the application is found by the Department to be complete and is accepted for processing. A public hearing may or may not be held at the discretion of the Commissioner or Board of Environmental Protection. Public comment on the application will be accepted throughout the processing of the application.

For Federally licensed, permitted, or funded activities in the Coastal Zone, review of this application shall also constitute the State's consistency review in accordance with the Maine Coastal Program pursuant to Section 307 of the federal Coastal Zone Management Act, 16 U.S.C. § 1456. (Delete if not applicable.)

The application will be filed for public inspection at the Department of Environmental Protection's office in (Portland, Augusta or Bangor) (circle one) during normal working hours. A copy of the application may also be seen at the municipal offices in Ana (town), Maine.

Written public comments may be sent to the regional office in Portland, Augusta, or Bangor where the application is filed for public inspection:

MDEP, Central Maine Regional Office, 17 State House Station, Augusta, Maine 04333
MDEP, Southern Maine Regional Office, 312 Canco Road, Portland, Maine 04103
MDEP, Eastern Maine Regional Office, 106 Hogan Road, Bangor, Maine 04401

(pink)

PUBLIC NOTICE FILING AND CERTIFICATION

Department Rules, Chapter 2, require an applicant to provide public notice for all Tier 2, Tier 3 and individual Natural Resources Protect Act projects. In the notice, the applicant must describe the proposed activity and where it is located. "Abutter" for the purposes of the notice provision means any person who owns property that is BOTH (1) adjoining and (2) within one mile of the delineated project boundary, including owners of property directly across a public or private right of way.

LEN
8/20 ✓

1. **Newspaper:** You must publish the Notice of Intent to File in a newspaper circulated in the area where the activity is located. The notice must appear in the newspaper within 30 days prior to the filing of the application with the Department. You may use the attached Notice of Intent to File form, or one containing identical information, for newspaper publication and certified mailing.

8/20 ✓

2. **Abutting Property Owners:** You must send a copy of the Notice of Intent to File by certified mail to the owners of the property abutting the activity. Their names and addresses can be obtained from the town tax maps or local officials. They must receive notice within 30 days prior to the filing of the application with the Department.

8/22 ✓

3. **Municipal Office:** You must send a copy of the Notice of Intent to File and a **duplicate of the entire application** to the Municipal Office.

ATTACH a list of the names and addresses of the owners of abutting property.

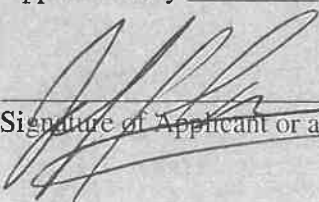
CERTIFICATION

By signing below, the applicant or authorized agent certifies that:

- 5. A Notice of Intent to File was published in a newspaper circulated in the area where the project site is located within 30 days prior to filing the application;
- 6. A certified mailing of the Notice of Intent to File was sent to all abutters within 30 days of the filing of the application;
- 7. A certified mailing of the Notice of Intent to File, and a duplicate copy of the application was sent to the town office of the municipality in which the project is located; and
- 8. Provided notice of and held a public informational meeting, if required, in accordance with Chapter 2, Rules Concerning the Processing of Applications, Section 13, prior to filing the application. Notice of the meeting was sent by certified mail to abutters and to the town office of the municipality in which the project is located at least ten days prior to the meeting. Notice of the meeting was also published once in a newspaper circulated in the area where the project site is located at least seven days prior to the meeting.

The Public Informational Meeting was held on _____ Date

Approximately _____ members of the public attended the Public Informational Meeting.



Signature of Applicant or authorized agent

8/22/19

Date

Abutters list

- 1.) Bolen, William Bailey Ervin, Carol B. PO BOX 12850 Charleston, SC 29422 (to north)
- 2.) previously: Philbrick, Elaine B. 316 Ramsay Rd London, Ontario Canada N6G1N8 (now: Philbrick Trustee, Allen J James E Philbrick Tree Farm 2226 Melrose Ann Arbor, MI 48104 – same as abutter 3 – property abutting to west))
- 3.) Philbrick Trustee, Allen J James E Philbrick Tree Farm 2226 Melrose Ann Arbor, MI 48104 - same as abutter 3 – property abutting to west)
- 4.) WEARY, WILLIAM 293 NORTH DYER NECK ROAD 04553 (across river/public way from site)
- 5.) Jeff Spinney – abutter to South

NEWCASTLE RIVER

SHEEPSOOT

Site
Near
Spinney
Hendrick
sols

Kea Pond
Spinney
Phil Bird
Trest

Golden
Ridge

LINE
TRANSMISSION
ROUTE
STATION

HOUSE
JAMES WAY
BROOK

51A
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53
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55B
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R-3

R-1

R-3

R-1

R-2

PROPERTY MAP
ALNA
MAINE

LEGEND
ADJACENT SHEET NO. 12
COMMON OWNERSHIP DEVELOPMENT LOT NO. 1
SCALED DIMENSION 1/4"

PREPARED BY PHOTOGRAMMETRIC METHODS BY
JOHN E. O'DONNELL & ASSOCIATES
AUBURN, MAINE
1975

SCALE IN FEET
0 500 1000

R-4

NRPA Application – boat ramp/dock repair project

Attachment 1: Activity Description

The proposed activity in this application is to modify an existing boat launch area on the Sheepscot river to include pre-cast concrete ramp planks & appropriate supporting stone bedding with fabric and surrounded by appropriately sized rip-rap to prevent further erosion through continued use.

This improvement to the ramp from its current mixed mud/gravel will make both safer and easier the repeated launching & removal of boats & floats as well as to stabilize the embankment around the pier/launch ramp area used by a recreational club for day use. This club is a group of approximately 25 local area folks who use the river for a variety of activities in the spring/summer/fall. Swimming, boating, duck hunting, fishing are the most common things that our members do in this section of river Sheepscot and its tributary the Dyer river. This location provides for access in a unique area where it would otherwise not be possible due to the old mill dam falls in Sheepscot village.

The existing pier, ramp, and float (located approx 10' South of the existing ramp) has been at this location for approximately 20 years and used seasonally. The current pier/ramp/float design extends from shore and places the float just below the low tide line so that there is always water (3-4') at low tide. Recently, ice has damaged the existing pier which has been removed and is seeking to be replaced by a freespan aluminum ramp anchored to the shoreline to maintain same float relative placement beside the boat ramp at low water.

The location of this project is in the town of Alna on the particular ~6.5 mile tidal segment of the Sheepscot river between the reversing falls in Sheepscot village and the Head Tide dam. The specific location is approximately 2.5 miles north from the falls in Sheepscot village.

Access to the site is gained via an existing private road from the Golden Ridge Road and it is located on a 120 acre, parcel, tax map R-4, 21.

This property along with several others is used by a recreational club for swimming, fishing, hunting and members pool their resources through annual club membership dues to maintain the common infrastructure such as the gun range located upland on the property, the camping area, the dock and the boat ramp.

The proposed precast reinforced planks proposed, available locally here in Maine, are the smaller size of the two available commercially and should accommodate the size range of vessels being used in this area on an in & out basis. Each plank is 10' long by approximately 1.5' wide, by 6" thick and weighs approx 945lbs. This size is necessary to safely accommodate both the trailered watercraft launched at this site as well as annual removal of docks for winter storage and fits within the existing launch space so as to minimize any additional disturbance. Once bolted together in a string approx 40' in length (below HAT) total and when installed flush to the surface of the shoreline with stone rip rap (1' surrounding the sides and bottom), are expected to be impervious to damage from ice flow conditions in winter and spring flood debris such as trees/branches.

The manufacturer recommended base of crushed stone (the minimum volume would be used to do the job properly) would be put in place in/around/between planks to assist in holding planks/preventing erosion and ensuring bank stability. As well, per a joint discussion with Army Corps and DEP recently, a fabric material was suggested to help stabilize the stone & plank material from sinking and needing to be repaired. Any excess material or material that may need to be removed from the site, would be loaded into a dump trailer or small truck and hauled to an upland disposal area in one of the fields on the property at least 1000' feet upland from the river to prevent any erosion or other damage.

In support of the pier replacement with an aluminum free span ramp (3'x40' approx.) from shore to float, two large wooden piles (approx. 12-16") would be set, cross braced together in

NRPA Application – boat ramp/dock repair project

standard fashion and then braced back onto other two piles located further inland (effectively creating a ‘pier’ on shore safe from ice), this will provide a stable anchor point for the aluminum ramp and keep the float/ramp from pulling the piles out into river and from pushing them into the shore as the tide ebbs & flows. The 2 water side piles would rise approx. 8-9’ and form a gantry style lift using a pulley as is typically used on piers to lift ramps up in winter time.

The float would then be disconnected and hauled up onto the boat ramp above tideline for winter storage. The two water side piles at the HAT line would be surrounded by larger rip rap to provide ice protection in winter and increase stability of overall design.

It is expected that this redesign of the pier/ramp/float system will lessen the footprint and therefore impact of pier on the environment since it would be a freespan ramp from shore to float.

NOTE: The exact square footage represented (~475 square feet below HAT) is a conservative approximate value due to the fact that the nearest Maine DEP HAT levels for 2018 reporting station is at the village of Sheepscot (below the rapids), several miles downriver. The **OBSERVED** HAT line at the base of the embankment to the forest floor has been used as it is clearly delineating based upon the fact that there are (large 12-24”) trees, bushes, and non-submergent grasses growing at this level that would otherwise perish in the brackish water.

At the recommendation of the DEP on call person, a calculation line just above the observed HAT line is being used to be conservative in ensuring the calculation is sufficient.

Furthermore, square footage also includes an observed negative tide per DEP guidance in NRPA guidelines (-0.46 at 7:46am on Tuesday May 7, 2019) observation-based finding of the low tide line.

NRPA Application – boat ramp/dock repair project

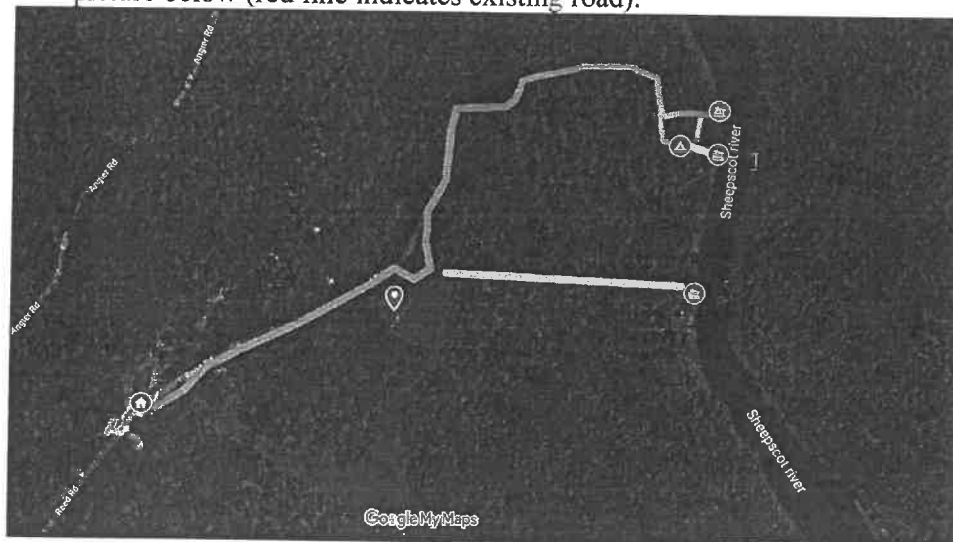
Attachment 2: Alternative Analysis

The intent of the precast planking & rip-rap surrounding it is to enhance the existing access and prevent continued erosion in the launch area through in & out use by club members. **There are no reasonable or alternatives to this access on this particular river segment as it is bounded to the South by the reversing falls at the old mill dam site and no Northern launch facility exists or is planned effectively making a captive segment of the river inaccessible without the continued use of this launch point.**

The size and scope of this project is the minimum size necessary, and is intended to only disturb the minimum square footage of approx <475 square feet total below HAT line.

As required, we have reviewed any potential alternatives to the proposed activity.

See picture below (red line indicates existing road).



Alternate site locations: The far Southern portion of property (just off photo bottom) is salt marsh and unsuitable for use. The area from bottom of photo to just south of option 2 is steep/rocky incline and therefore unsuitable for use without significant alteration.

Option 2 would require the construction of a new road from the small field or the camping area approximately 800-1000' long for access (large yellow line), as well as an new embankment cut. The shoreline is also steeper at this location as it was used to load brick barges in past and has a sharp drop off.

Option 1 would require a small (100-150' road from camping area – small yellow line) and could pose a reasonable alternative location, although it would require removal of several trees and a new embankment cut in rivers shoreline.

It would seem that the relative tradeoff of impacts would indicate that the least impactful site solution is the proposed (and already in use) one (the top, red marker on above map) as 1.) the established road system already exists and would not need to be created either in terms of cost to the club or in terms of environmental impact, 2.) the river embankment already has an established cut as it is currently an in use ramp and 3.) minimal if any additional tree removal would be necessary to support construction.

NRPA Application – boat ramp/dock repair project

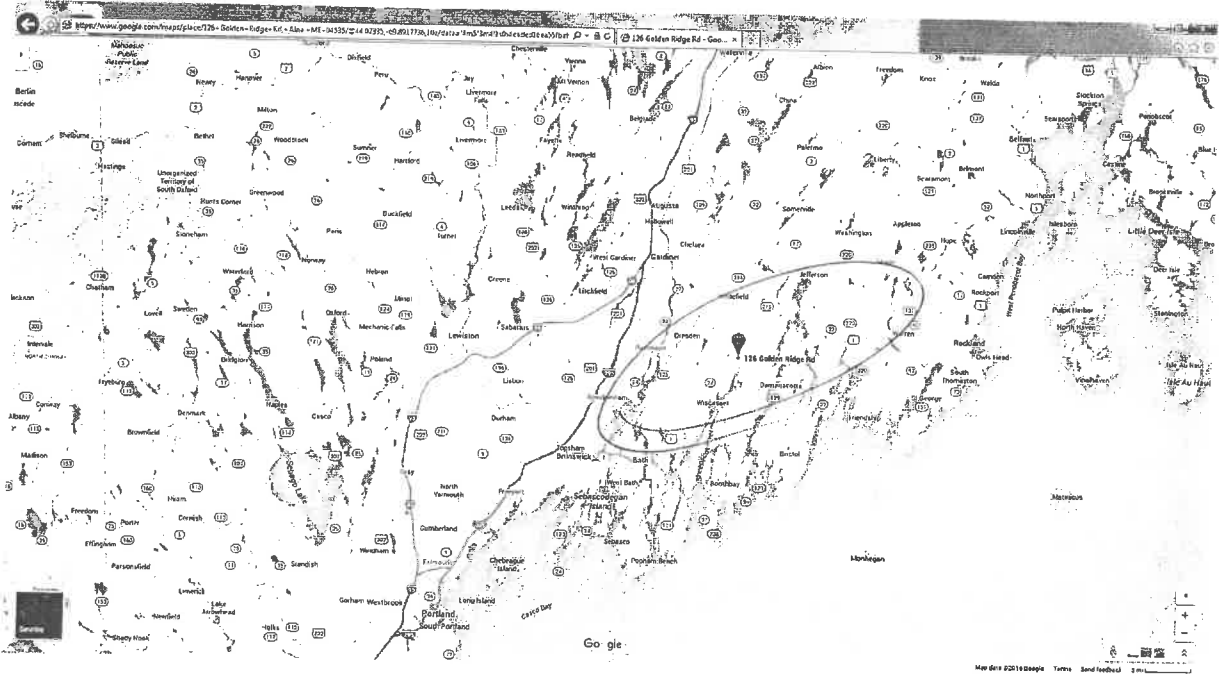
Alternate materials considered for use at the existing launch ramp site: In addition to alternate launch sites, we reviewed and discussed with Army Corps and DEP a couple of alternate material options including wood swamp mats such as used for logging and construction which posed a significant flotation & anchoring challenge and were effectively ruled out, removable concrete without sub base preparation which while it removed the flotation concerns of the wood option still had safety concerns due to slippage of vehicles as well as silting concerns from repeated installation/removal. Finally there was a rollout (removable) aluminum option which was only available in a much larger than needed footprint and was significant in terms of cost. As well, the aluminum option needed subbase preparation too.

All of the temporary solutions had a common concern by IF&W of silting from annual installation/removal when being reviewed with Army Corp so in turn the suggestion was made to return to the permanent solution as having the least long term impact. The permanent concrete plank solution with proper subbase preparation and site prep to ensure minimal impact seems to be the most acceptable solution and is therefore being proposed.

Alternative to aluminum free span ramp with 2 piles versus existing pier & ramp: Finally, the ‘alternative’ to the alteration of existing pier/ramp/float, by embedding the piling support structure in the rip-rap at the HAT line and using a longer free span aluminum ramp, is simply to continue to repair the pier and re-drive piles into the shoreline as needed. The proposed activity (reducing the impact and footprint of pier piles and maintenance of such) seems to be a better approach with less impact on the environment and less likelihood of ice damage in off season as it is removed nearly completely from the ice zone.

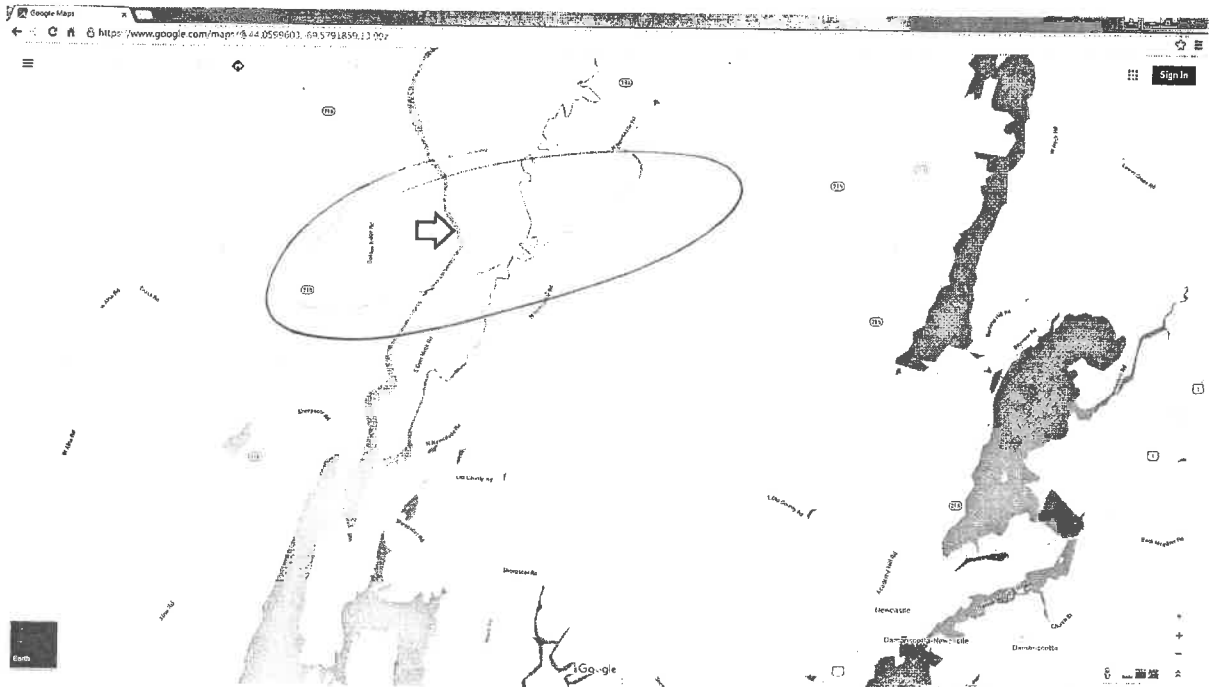
NRPA Application – boat ramp/dock repair project

Attachment 3: MAPS



Overview map showing the general location of property in midcoast region of Maine.

NRPA Application – boat ramp/dock repair project

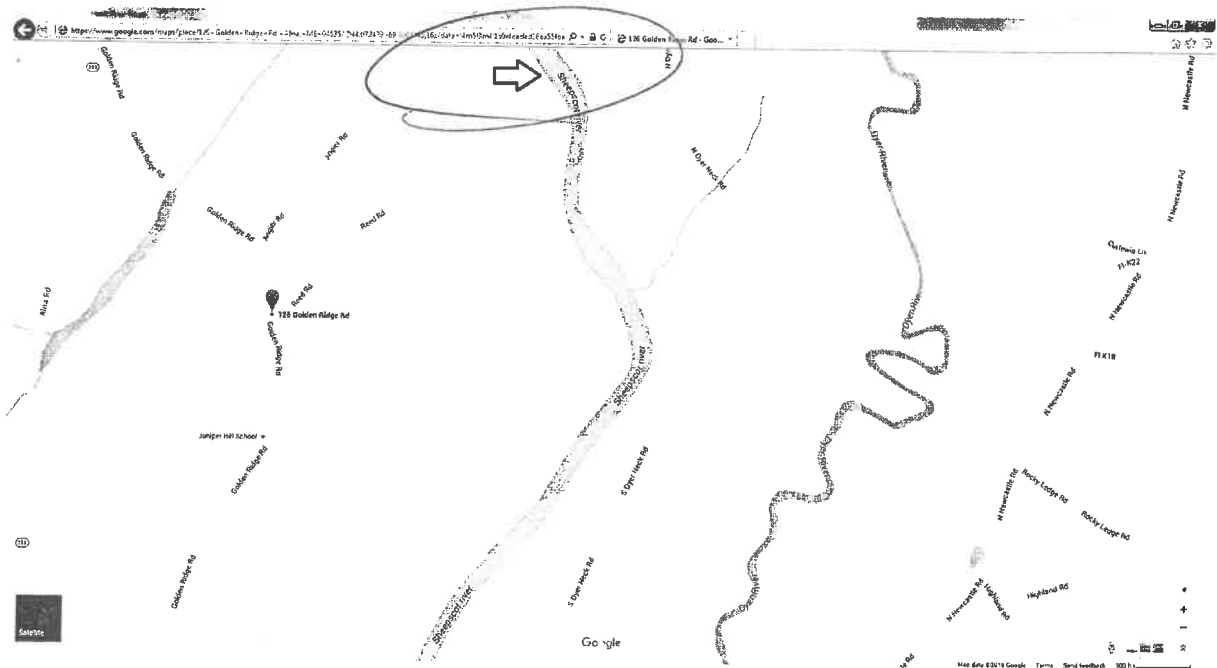
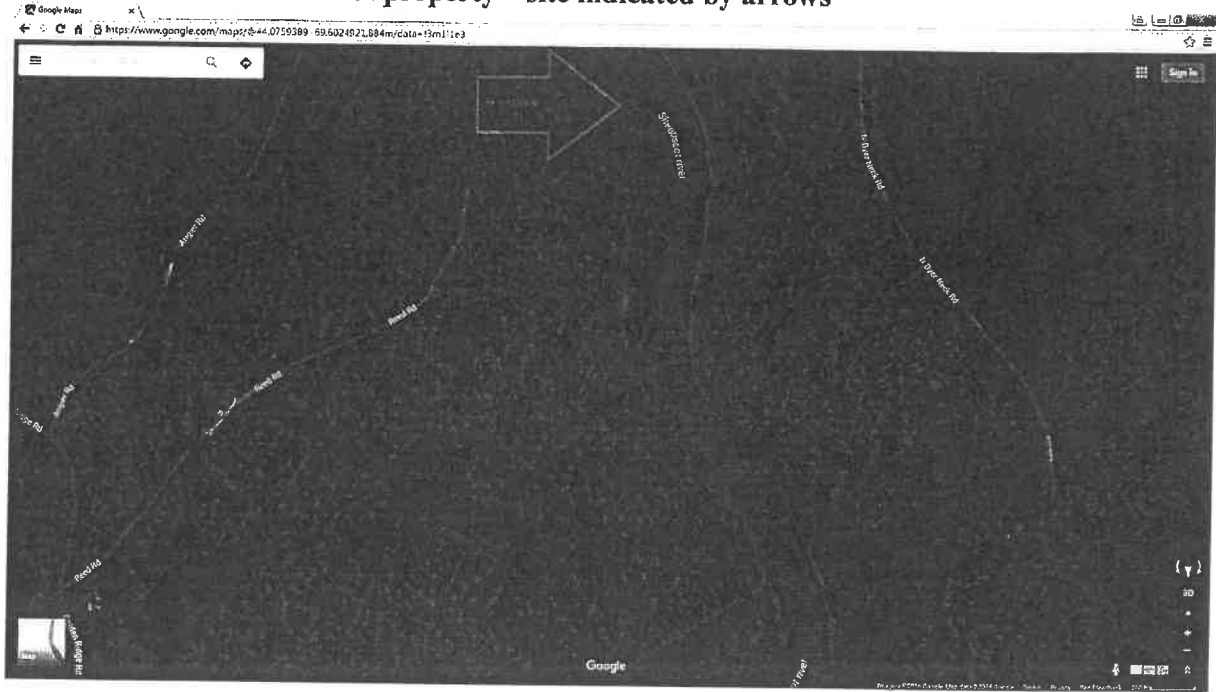


Map showing close up (approximate scale at the town level) site location of work site indicated by arrow.

NRPA Application – boat ramp/dock repair project

Attachment 4: Color photos

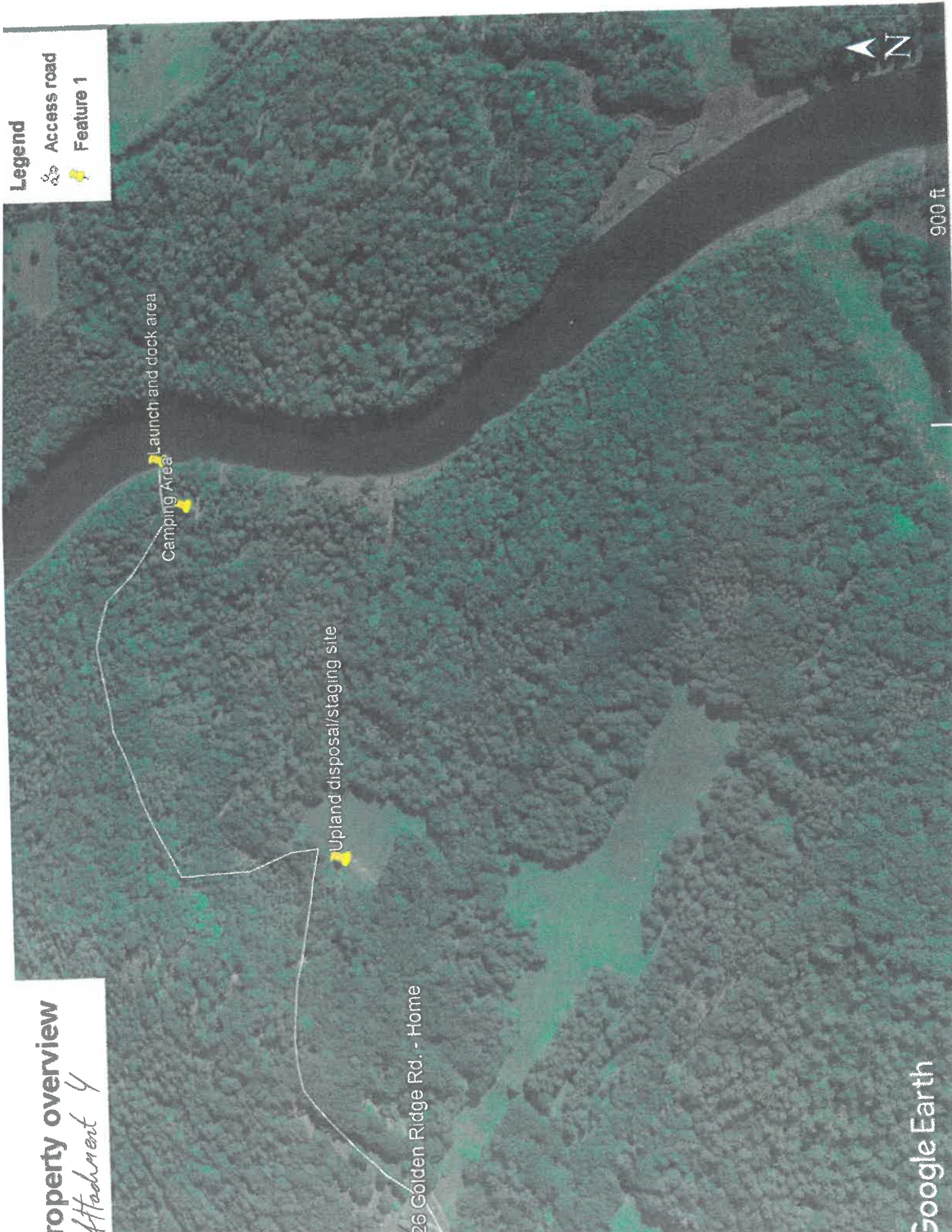
Satellite & standard views of property – site indicated by arrows



property overview
Attachment 4

Legend

- Access road
- Feature 1



26 Golden Ridge Rd. - Home

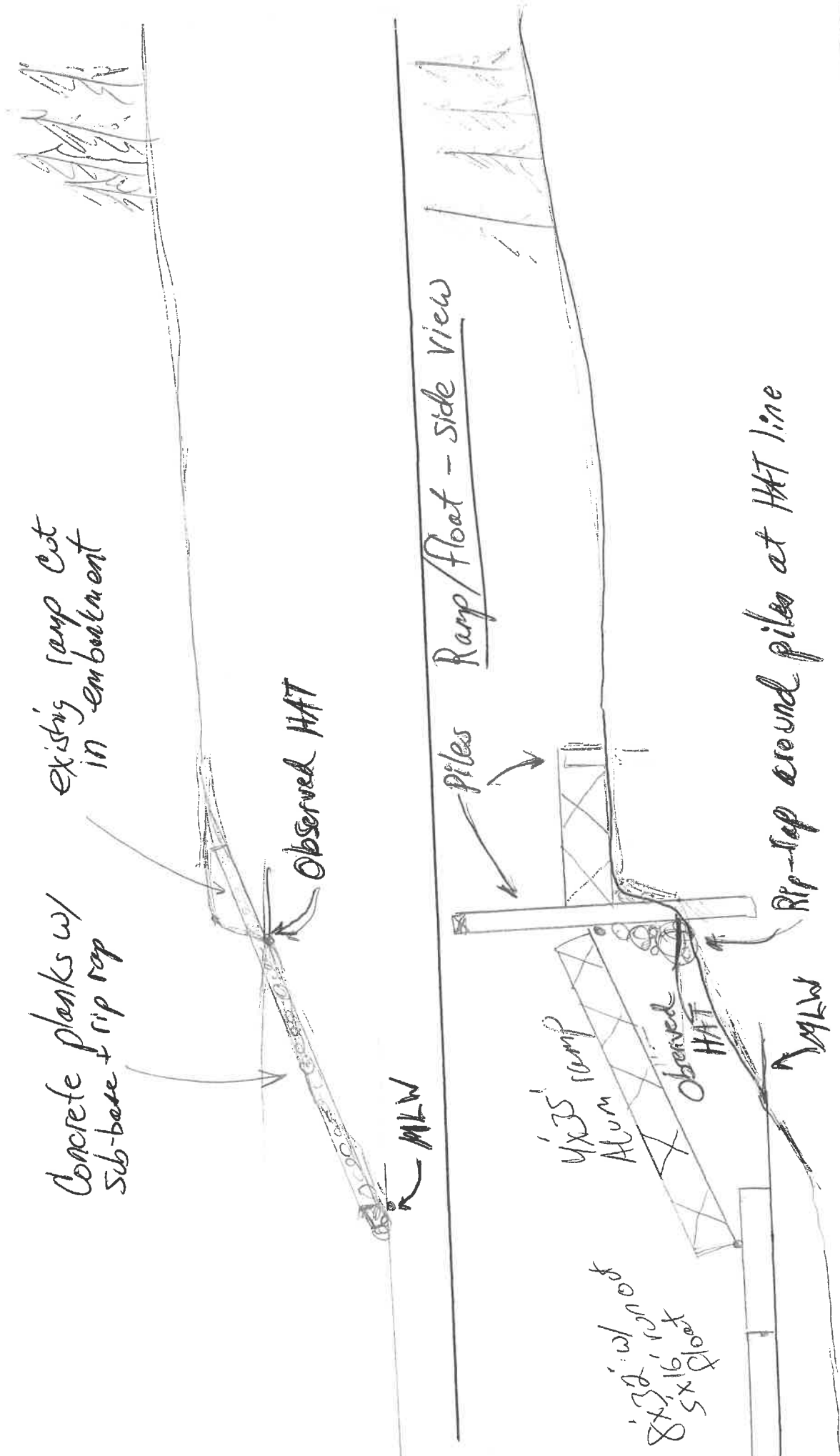
View from Low tide / water



View from land



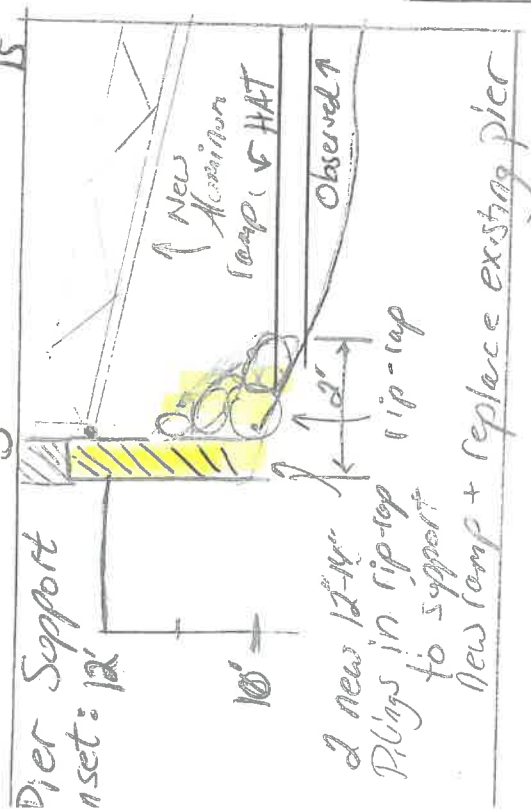
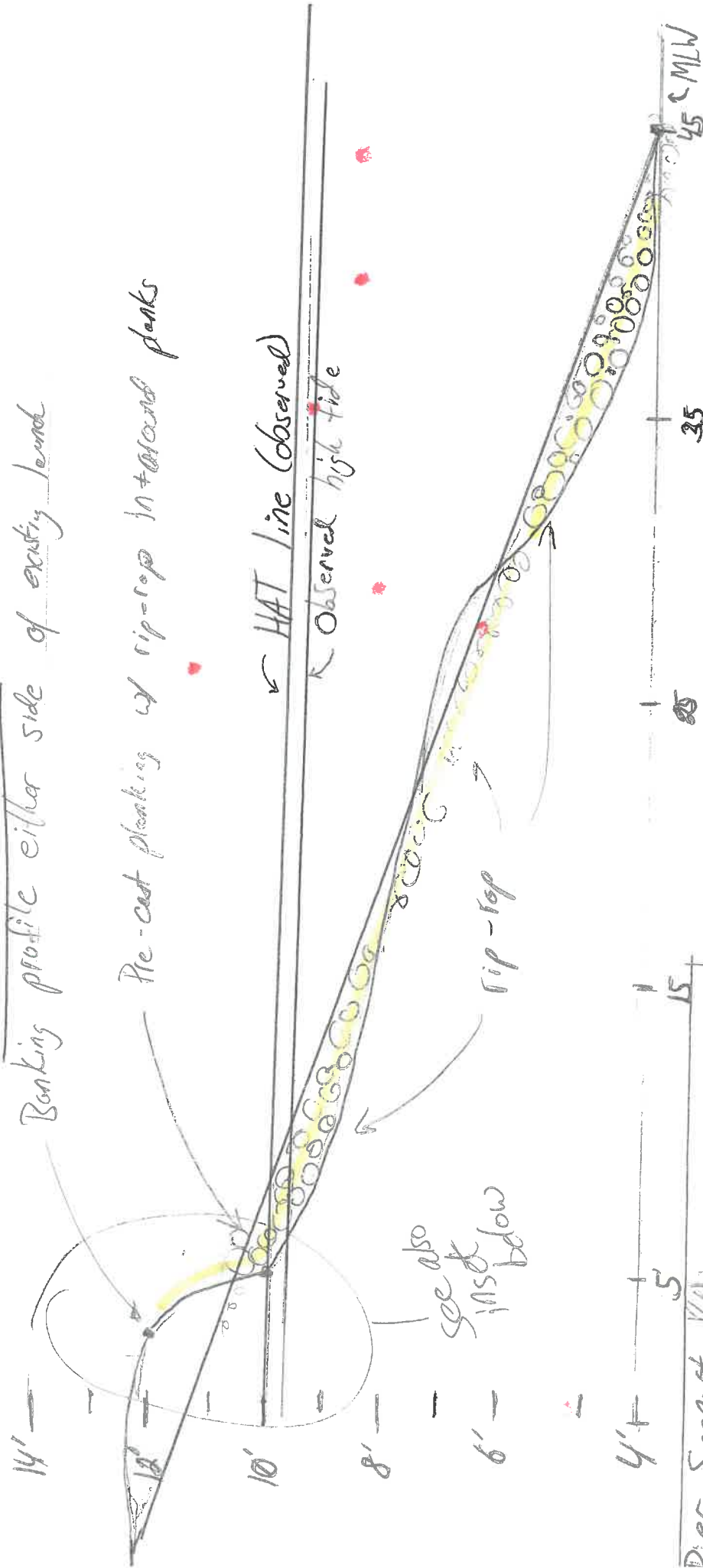
Launch ramp planing - side view



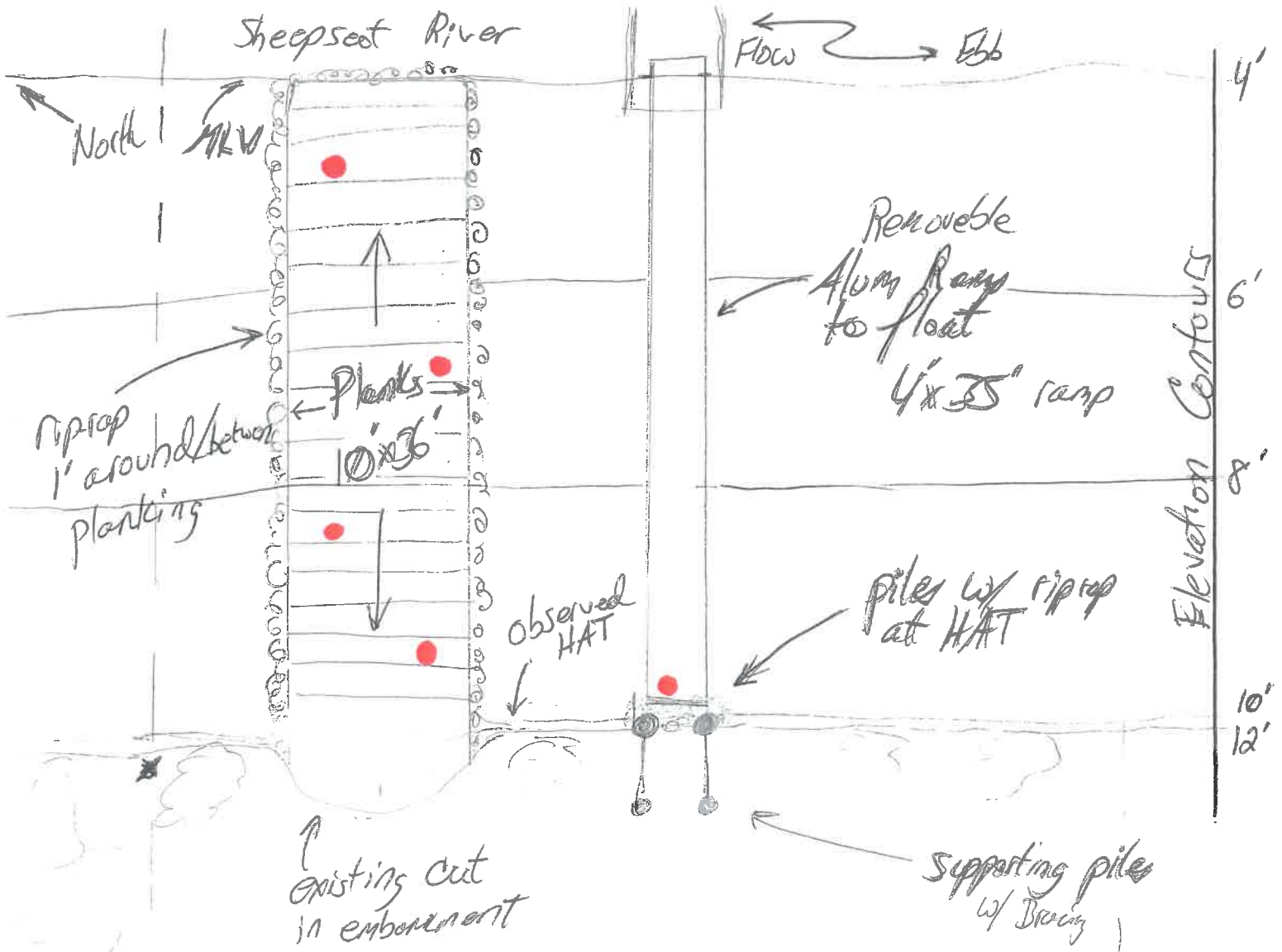
8/20/19

Jeff Spinnery Ridge Rd
126 Golden Ridge
Ana, Me 04535

Elevation view



Jeff Spinner
 106 Golden Ridge Rd
 Anna, Me 04005
 5/7/19 - Side View



[R-421] [Bolen]
 [R-421A] [Spinney]

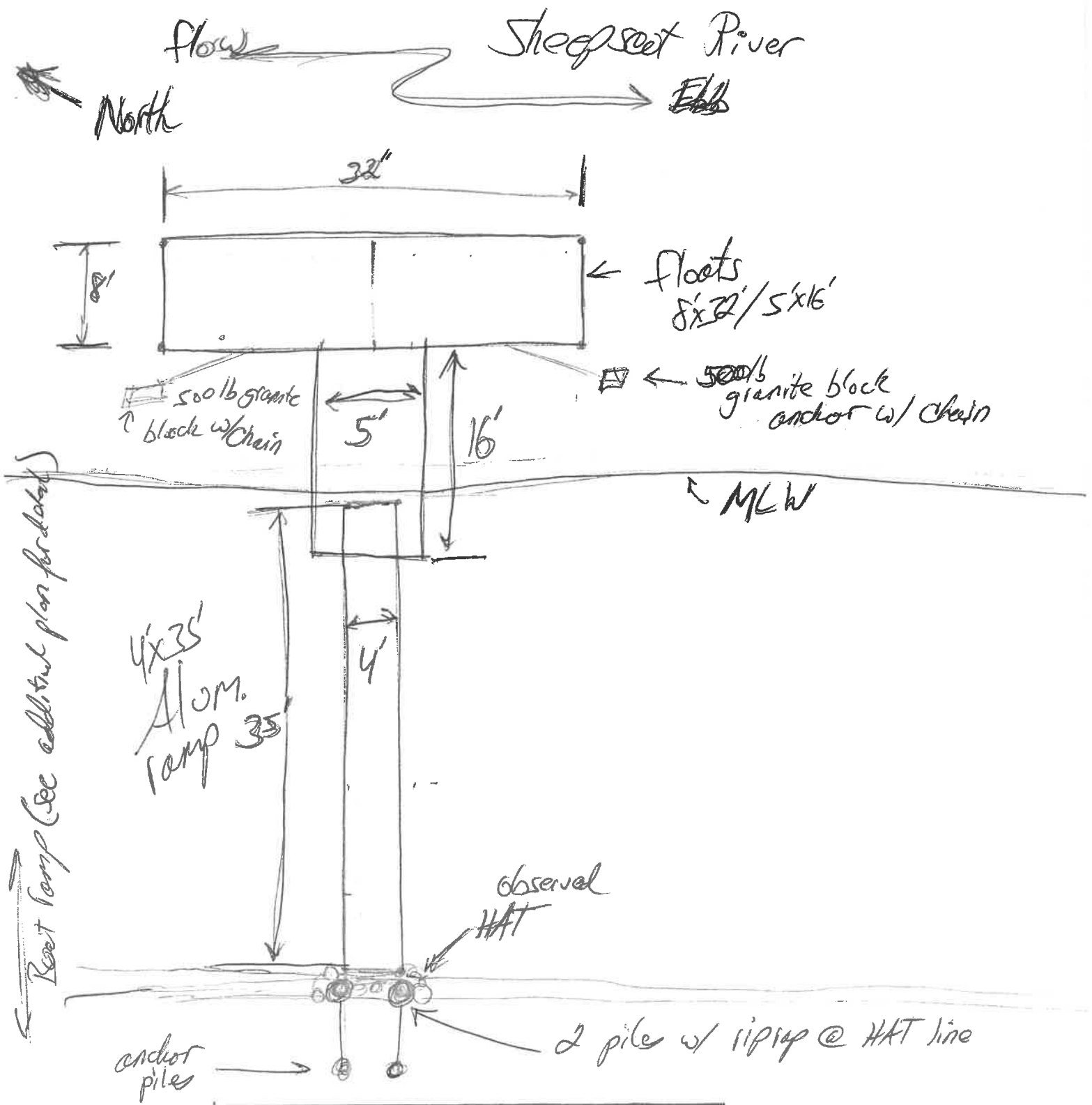
Existing
 Parking/Dock/boat
 storage area

Jeff Spinney 8/20/19
 126 Golden Ridge Rd
 Ana, Me 04525 Appendix B
 Scale: 1 square = 2' Wetland survey = ●

Top View

Access
 Road

Road to
 Camping
 area



Ramp/Float Detail
 8/20/19
 Jeff Spinner
 126 Golden Ridge Rd
 Arna, Me 04535

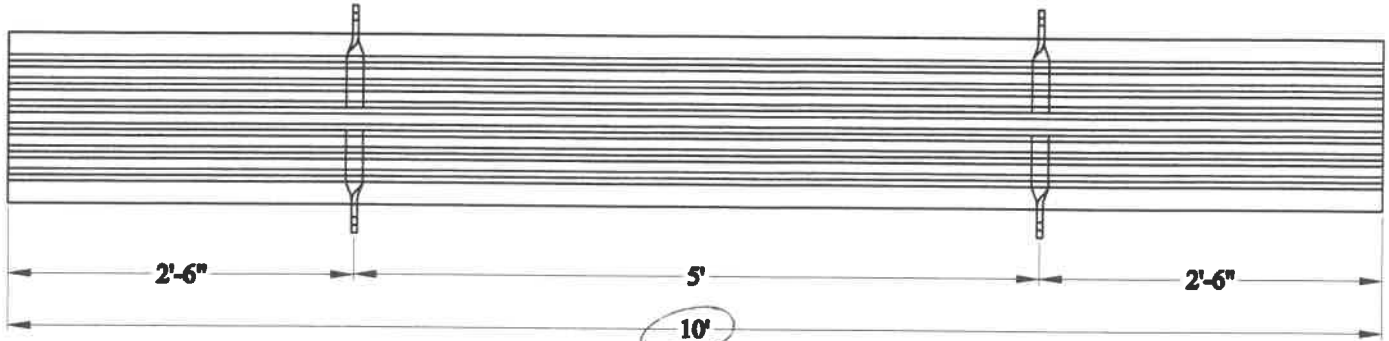


American Concrete Industries

10' Boat Ramp

Catalog Section:

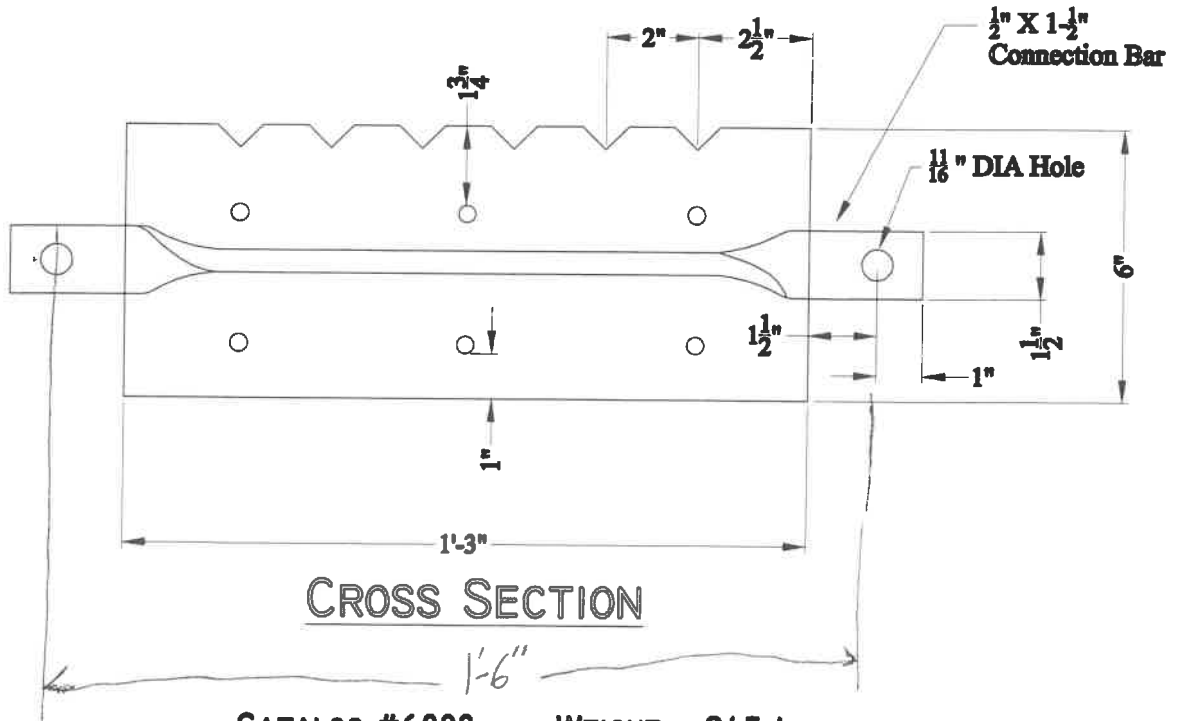
Layout Name:



PLAN VIEW



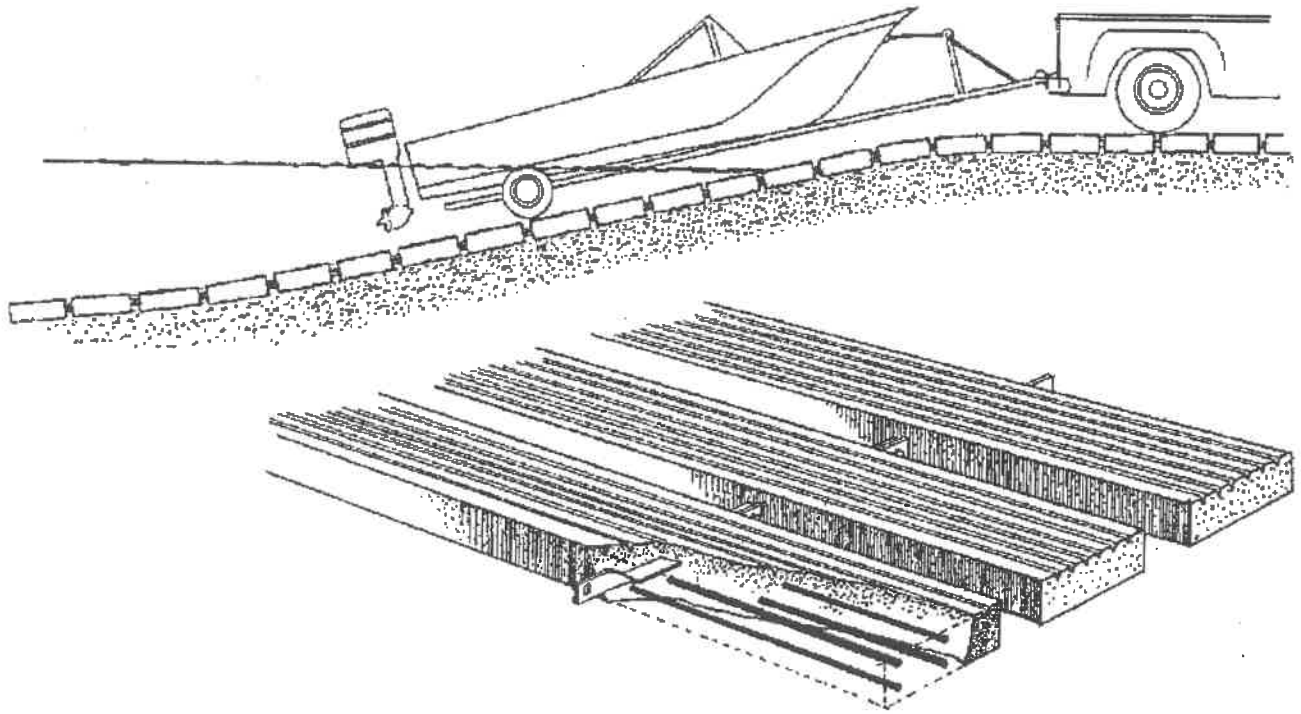
SIDE ELEVATION



CROSS SECTION

CATALOG #6888

WEIGHT = 945 LBS.



Highest Annual Tide Line 2015

To view the data, zoom in on the map to your area of interest. The data will activate automatically while zooming in.

To determine the estimated HAT elevation (in feet, NAVD88) and the tidal station used, simply click on a section of coastline of interest.

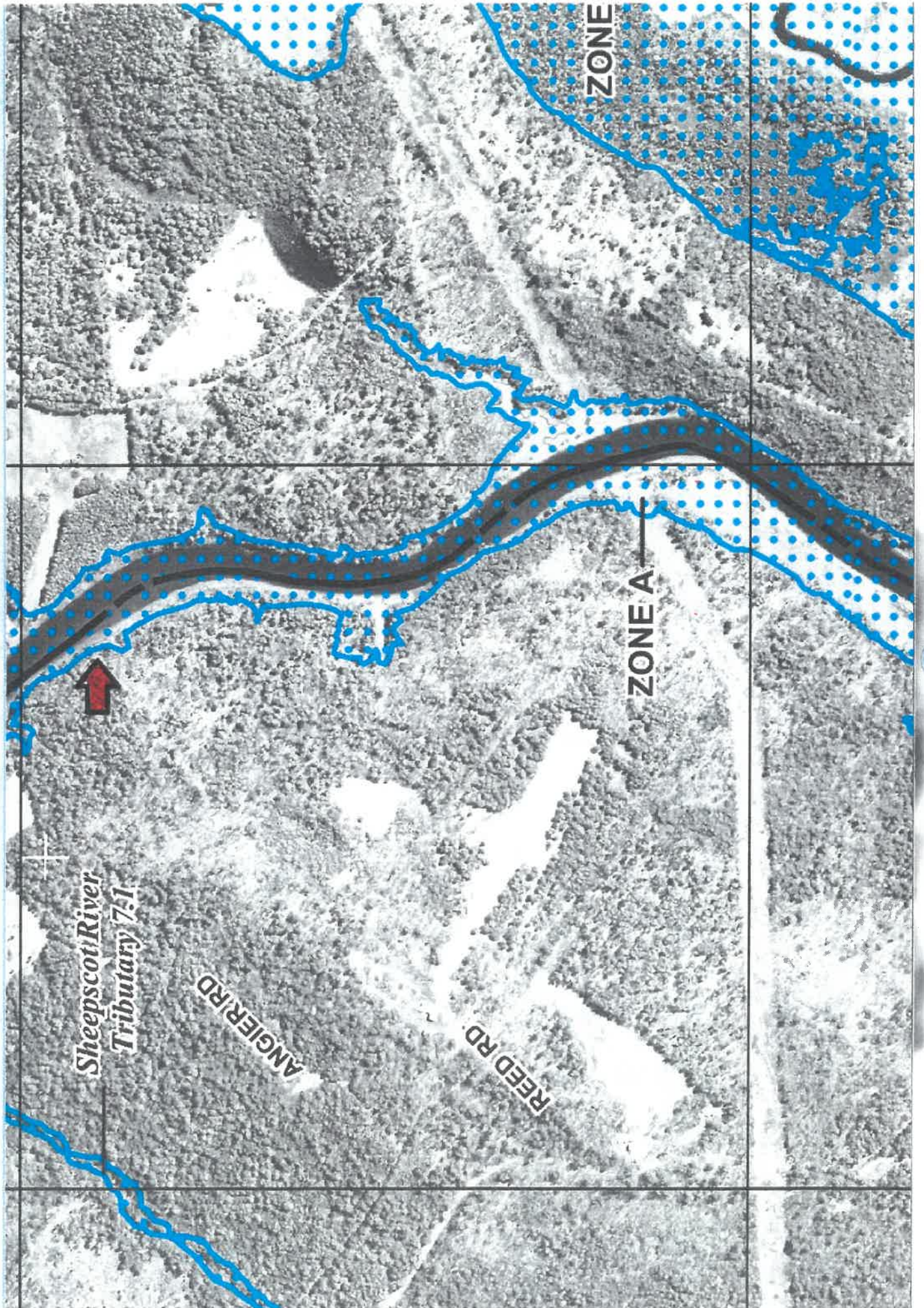


Maine DEP
Highest Annual Tide (HAT) Levels for Year 2018
Maine Coast from Eastport to Kittery



Location	HAT (MLLW) (Tide Table- feet)	HAT (NAVD88) (elev. feet)
Otis Cove	11.8	6.7
Thomaston	11.8	7.3
New Harbor, Muscongus Bay	11.4	6.0
Muscongus Harbor, Muscongus Sound	11.7	6.3
Friendship Harbor	11.7	6.3
Pemaquid Harbor, Johns Bay	11.4	5.9
Jones Neck	11.8	6.3
Waldoboro	12.3	6.8
East Boothbay	11.6	6.1
Walpole	12.0	6.2
Newcastle	12.0	6.1
Damariscove Harbor, Damariscove Island	11.4	6.1
Boothbay Harbor	11.4	6.1
Southport, Townsend Gut	11.6	6.4
Isle of Springs	11.6	6.4
Cross River entrance	11.8	6.6
Wiscasset	12.2	6.7
Sheepscot (below rapids)	<u>12.4</u>	<u>6.9</u>
Back River	11.8	6.3
Robinhood, Sasanoa River	11.4	6.2
Mill Point, Sasanoa River	11.4	6.2
Hunniwell Point	11.3	6.5
Phippsburg	10.4	5.8
Bath	9.2	4.8
Sturgeon Island, Merrymeeting Bay	6.8	2.4
Androscoggin River entrance	6.1	1.4
Brunswick, Androscoggin River	5.0	0.3
Bowdoinham, Cathance River	7.4	2.9
Cundy Harbor, New Meadows River	11.6	6.5
Howard Point, New Meadows River	11.7	6.5
South Harpswell, Potts Harbor	11.6	6.5
Wilson Cove, Middle Bay	11.8	6.5
South Freeport	11.7	6.5
Prince Point	11.8	6.7
Doyle Point	11.8	6.7
Falmouth Foreside	11.8	6.7
Great Chebeague Island	11.8	6.7
Cliff Island, Luckse Sound	11.8	6.7
Vaill Island	11.6	6.6
Long Island	11.8	6.7
Cow Island	11.8	6.7
Presumpscot River Bridge	11.9	6.7
Back Cove	11.4	6.2
Great Diamond Island	11.8	6.7
Peak Island	11.7	6.6
Cushing Island	11.7	6.6
PORTLAND	11.8	6.5
Fore River	11.8	6.5
Portland Head Light	11.4	6.4

Closest location. 2.5 miles Down river below falls



Sheepscot River
Tributary 7.1

ANGLER RD

REED RD

ZONE

ZONE A



NRPA Application – boat ramp/dock repair project

Attachment 7: Construction details

The work site will be accessed via the existing gravel access road from the home located at 126 Golden Ridge Rd. in Alna. The timing of work is somewhat flexible, we are seeking to minimize impacts and avoid wet season and would need to be timed to coincide with low tide due to the nature of the work to be done below the high tideline.

Turbidity curtain would be extended into the water to encapsulate the work area completely and minimize silting/turbidity issues in river and a local state/DEP licensed contractor trained in erosion control has agreed to perform all work.

Larger (10" – 2') natural boulder/stone material to be used for piling rip-rap as noted in diagrams.

Once complete, if applicable, any extra material would be returned to the upland area and used for other unrelated projects as needed.

Pre-cast boat launch concrete planks would be brought in on a trailer, lifted off and into place by tractor/excavator and bolted together in place per manufacturers recommended approach. Sub Base material (crushed stone) would be brought in in small truck/trailer and be put into place by excavator under planks and by hand between planks, no extra material would be left on site. It is not expected that there would be any additional removal of trees as there is an existing launch ramp of same size in use now and work area should be sufficiently clear. Any disturbed material above the HAT would be regraded/replanted as necessary at completion, any silt/mud/stone removed to make way for subbase would be removed from shoreland zone to upland location.

All machinery and material not in use or placed would not remain in tidal zone, work would be coordinated to occur at low tide.

NRPA Application – boat ramp/dock repair project

Attachment 8: Erosion control plan

- silt screen may be used around upland site area or around stock materials as necessary during work as temporary control (short term) note: no silt screen would be dug into intertidal zone as it causes further silting.
- turbidity curtain around site area (sub-tidal zone) during work as temporary control of silting (short term)
- timing of work to coincide with low tide to prevent unnecessary silting of river as planks and subbase are placed. All equipment removed from zone when not in use.
- regrading/replanting of any damage to trees/vegetation in the event any should occur (short term)
- smaller stone in around launch ramp planks help to control erosion (long term)
- stones/boulders to be placed around piles as rip-rap to stabilize/protect as shown in plan (long term)
- hay/seeding/erosion control of any disturbed ground in upland areas used for access during and after construction as needed

NRPA Application – boat ramp/dock repair project

Attachment 9: Site condition report

consists of:

-scale plan 1"-10' showing 2' contour levels, existing resource boundaries, activity location, dimensions, wetland/waterbody classification

-description of waterbody: water depth, vegetation and fauna – The Sheepscot river, approx 2 miles North of the Sheepscot bridge. Approx water depth at low tide is 3-4' and at high tide is approximately 10-12'. The river width is approx 225' at this location. Shoreline is well established forest on both sides of river, forest floor at the location is flat and dry.

The river bottom is exposed heavy gravel & sand scoured due to the natural current flow, the intertidal portion is a mixture of silted/mud/rocks leading up to the gravel embankment that sharply rises approx 3' from the muddy area to the forest floor where the parking/storage area is.

The river shoreline is experiencing natural erosion due to trees naturally toppling and winter ice flows.

**APPENDIX A: MDEP VISUAL EVALUATION
FIELD SURVEY CHECKLIST**

(Natural Resources Protection Act, 38 M.R.S.A. §§ 480 A - Z)

Name of applicant: Jeff Spinney Phone: (207) 227-9017

Application Type: Individual NPRA-Boat Ramp

Activity Type: (brief activity description) Boat Ramp planting + pier alteration

Activity Location: Town: Alna County: Lincoln

GIS Coordinates, if known: _____

Date of Survey: 5/7/19 Observer: Jeff Spinney Phone: (207) 227-9017

**Distance Between the Proposed Visibility
Activity and Resource (in Miles)**

- | | 0-¼ | ¼-1 | 1+ |
|--|-------------------------------------|---|--|
| 1. Would the activity be visible from: | | | |
| A. A National Natural Landmark or other outstanding natural feature? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| B. A State or National Wildlife Refuge, Sanctuary, or Preserve or a State Game Refuge? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. A state or federal trail? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| D. A public site or structure listed on the National Register of Historic Places? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| E. A National or State Park? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. 1) A municipal park or public open space? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2) A publicly owned land visited, in part, for the use, observation, enjoyment and appreciation of natural or man-made visual qualities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3) A public resource, such as the Atlantic Ocean, a great pond or a navigable river? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. What is the closest estimated distance to a similar activity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. What is the closest distance to a public facility intended for a similar use? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the visibility of the activity seasonal?
(i.e., screened by summer foliage, but visible during other seasons) | | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5. Are any of the resources checked in question 1 used by the public during the time of year during which the activity will be visible? | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

A listing of National Natural Landmarks and other outstanding natural features in the State of Maine can be found at: www.nature.nps.gov/nnl/Registry/USA_map/states/Maine/maine.htm. In addition, unique natural areas are listed in the Maine Atlas and Gazetteer published by DeLorme.

(pink)

**APPENDIX B: MDEP COASTAL WETLAND CHARACTERIZATION:
INTERTIDAL & SHALLOW SUBTIDAL FIELD SURVEY CHECKLIST**

NAME OF APPLICANT: Jeff Spinney PHONE: (207) 227-9017
 APPLICATION TYPE: Individual NRPA - Boat Ramp
 ACTIVITY LOCATION: TOWN: Alna COUNTY: Lincoln

ACTIVITY DESCRIPTION: fill pier lobster pound shoreline stabilization
 dredge other: Boat Ramp planing / pier ramp alteration

DATE OF SURVEY: 5/7/19 OBSERVER: Jeff Spinney
 TIME OF SURVEY: 7:45 AM TIDE AT SURVEY: low (-0.46)

SIZE OF DIRECT IMPACT OR FOOTPRINT (square feet):
 Intertidal area: 475 ft² Subtidal area: _____

SIZE OF INDIRECT IMPACT, if known (square feet): _____
 Intertidal area: _____ Subtidal area: _____

HABITAT TYPES PRESENT (check all that apply):
 sand beach boulder/cobble beach sand flat mixed coarse & fines salt marsh
 ledge rocky shore mudflat (sediment depth, if known: _____)

ENERGY: protected semi-protected partially exposed exposed

DRAINAGE: drains completely standing water pools stream or channel

SLOPE: >20% 10-20% 5-10% 0-5% variable

SHORELINE CHARACTER:
 bluff/bank (height from spring high tide: 33') beach rocky vegetated

FRESHWATER SOURCES: stream river wetland stormwater

MARINE ORGANISMS PRESENT:

	absent	occasional	common	abundant
mussels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
clams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
marine worms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
rockweed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
eelgrass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lobsters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SIGNS OF SHORELINE OR INTERTIDAL EROSION? yes no *— natural erosion of river bank*

PREVIOUS ALTERATIONS? yes no *— boat ramp + Dock*

CURRENT USE OF SITE AND ADJACENT UPLAND:
 undeveloped residential commercial degraded recreational

PLEASE SUBMIT THE FOLLOWING:
 Photographs Overhead drawing (pink)

*See Attachment 5 for
Sampling sites*

Natural Resource Protection Act Application
APPENDIX D: Project Description Worksheet for a Dock, Pier or Wharf Application.

Help us process your application more efficiently by completing this worksheet, which is supplemental to a NRPA application for a dock, pier or wharf. A completed Appendix D may be substituted for Block 14 of the application page.

THIS IS AN APPLICATION FOR A.....

- Commercial wharf
If yes, indicate type of commercial activity: _____
License number: _____
Number of fishermen using this wharf: _____

- Public pier, dock or wharf
- Common or shared recreational pier, dock or wharf
- Private recreational pier, dock or wharf

- Expansion or modification of an existing structure
- Other, please indicate: boat ramp planking + pier alteration

TELL US ABOUT YOUR BOAT....

My boat(s) requires a draft of 2-3' feet.
My boat(s) is 17' feet long.

> my personal boat, typical for group, open fishing boat.

TELL US ABOUT YOUR PROJECT SITE.... For coastal piers and wharves, please complete Appendix B of the NRPA application. For freshwater docks, please describe the substrate and any vegetation: _____

SCENIC CONSIDERATIONS...Please complete Appendix A of the NRPA application.

WHAT FACILITIES ARE NEARBY?

The nearest public boat launch is located in Wiscasset approximately 7 miles from the project location.
(town) (distance)

The nearest public, commercial, or private marina is located in Westport approximately 8-10 miles from the project location.
(town) (distance)

- I have inquired about slip or mooring availability at the nearest marina or public facility.
- Yes, a slip or mooring is available. No, a slip or mooring is not available.

N/A

Approximate expected time on waiting list: _____

see Activity Description for detail, area inavailable most time

I have contacted the local Harbor Master. Name: _____

Phone: _____

N/A

I currently use the following for my boat: Mooring Marina

trailer 10/00t use



TELL US ABOUT YOUR PROPOSED PIER, DOCK OR WHARF...

MATERIALS:

The structure will be supported by pilings.

2 pilings of 12-16 inches in diameter

@ HAT Line

The structure will be supported by stacked, flow-through granite cribs.

_____ blocks, measuring _____ feet by _____ feet

See Dbrington for detail

The structure will be supported by solid fill.

_____ square feet of solid fill

Other: _____

DIMENSIONS:

Length of fixed section: _____

Width of fixed section: _____

Length of ramp: _____

Dimensions of float: _____

Distance the structure will extend below mean low water (MLW): _____

Depth of water at the fixed end of the structure: _____

Depth of water at the float at low tide: _____

Depth of water at the float at high tide: _____

Dimensions of any proposed buildings (e.g. bait shed): _____

_____ feet high by _____ feet wide by _____ feet long

N/A feet
N/A feet
35 feet
8 feet wide by 32 feet long
= 15 feet
0 feet
2-3 feet
10-12 feet
Pier to be replaced by ramp
ramp to shore

ACCESS:

During construction, my project site will be accessed via:

Land

Beach/intertidal area

Water/barge