

**DEPARTMENT OF ENVIRONMENTAL PROTECTION
PERMIT BY RULE NOTIFICATION FORM**

(For use with DEP Regulation, Natural Resources Protection Act - Permit by Rule Standards, Chapter 305)

APPLICANT INFORMATION (Owner)				AGENT INFORMATION (If Applying on Behalf of Owner)			
Name:	Menatoma Asssociaton			Name:	Richarrd Tarbuck		
Mailing Address:	C/O Richard Tarbuck			Mailing Address:	119 North Rd,		
Mailing Address:	119 North Rd			Mailing Address:			
Town/State/Zip:	Readfield, ME 04355			Town/State/Zip:	Readfield, ME 04355		
Daytime Phone #:	(207) 685-4212	Ext:		Daytime Phone #:	(207) 685-4212	Ext:	
Email Address:	janandwoody@gmail.com			Email Address:	janandwoody@gmail.com		
PROJECT INFORMATION							
Part of a larger project? (check 1):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	After the Fact? (check 1):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Project involves work below mean low water? (check 1):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name of waterbody:	Jovejoy Pond Fayette/Readfield
Project Town:	Readfield		Town Email Address:	info@readfieldmaine.org		Map and Lot Number:	111-028-002
Brief Project Description:	Exhibit A-1 (Cover memo) with photos Exhibit A-2, A-3 Photos annotated on final page						
Project Location & Brief Directions to Site:	Exhibit B-1 (brief directions) B-2 survey map						

PERMIT BY RULE (PBR) SECTIONS (Check at least one): I am filing notice of my intent to carry out work that meets the requirements for Permit-by-Rule (PBR) under DEP Rules, [Chapter 305](#). I and my agent(s), if any, have read and will comply with all of the standards in the Sections checked below.

- | | | |
|--|--|---|
| <input type="checkbox"/> Sec. (2) Act. Adj. to Prot. Natural Res. | <input type="checkbox"/> Sec. (9) Utility Crossing | <input type="checkbox"/> Sec. (16) Coastal Sand Dune Projects |
| <input type="checkbox"/> Sec. (3) Intake Pipes | <input type="checkbox"/> Sec. (10) Stream Crossing | <input type="checkbox"/> Sec. (17) Transfer/Permit Extension |
| <input checked="" type="checkbox"/> Sec. (4) Replacement of Structures | <input type="checkbox"/> Sec. (11) State Transportation Facilities | <input type="checkbox"/> Sec. (18) Maintenance Dredging |
| <input type="checkbox"/> Sec. (6) Movement of Rocks or Veg. | <input type="checkbox"/> Sec. (12) Restoration of Natural Areas | <input type="checkbox"/> Sec. (19) Act. Near SVP Habitat |
| <input type="checkbox"/> Sec. (7) Outfall Pipes | <input type="checkbox"/> Sec. (13) F&W Creat./Water Qual. Improv. | <input type="checkbox"/> Sec. (20) Act. Near Waterfowl/Bird Habitat |
| <input checked="" type="checkbox"/> Sec. (8) Shoreline Stabilization | <input type="checkbox"/> Sec. (15) Public Boat Ramps | |

NOTE: Municipal permits also may be required. Contact your local code enforcement office for information. Federal permits may be required for stream crossings and for projects involving wetland fill. Contact the Army Corps of Engineers at the Maine Project Office for information.

NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS AND FEE

- Attach** all required submissions for the PBR Section(s) checked above. The required submissions for each PBR Section are outlined in Chapter 305 and may differ depending on the Section you are submitting under.
- Attach** a location map that clearly identifies the site (U.S.G.S. topo map, Maine Atlas & Gazetteer, or similar).
- Attach** Proof of Legal Name if applicant is a corporation, LLC, or other legal entity. Provide a copy of Secretary of State's registration information (available at <http://icrs.informe.org/nei-sos-icrs/ICRS?MainPage=x>). Individuals and municipalities are not required to provide any proof of identity.

FEE: Pay by credit card at the [Payment Portal](#). The Permit-by-Rule fee may be found here <https://www.maine.gov/dep/feeschedule.pdf> and is currently \$288.

- Attach** payment confirmation from the Payment Portal when filing this notification form.

Signature & Certification:

- I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules.
- I understand that this PBR becomes effective 14 calendar days after receipt by the Department of this completed form, the required submissions, and fee, *unless the Department approves or denies the PBR prior to that date.*

By signing this Notification Form, I represent that the project meets all applicability requirements and standards in Chapter 305 rule and that the applicant has sufficient title, right, or interest in the property where the activity takes place.

Signature of Agent or Applicant (may be typed):	Richard H. Tarbuck	Date:	11/29/2022
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Keep a copy as a record of permit. Email this completed form with attachments to DEP at: DEP.PBRNotification@maine.gov. DEP will send a copy to the Town Office as evidence of DEP's receipt of notification. No further authorization will be issued by DEP after receipt of notice. A PBR is valid for two years, except Section 4, "Replacement of Structures," are valid for three years. **Work carried out in violation of the Natural Resources Protection Act or any provision in Chapter 305 is subject to enforcement.**

Dept. of Environmental Protection Payment Portal

1 message

Maine Dept. of Environmental Protection <noreply@informe.org>

Tue, Nov 29, 2022 at 9:08 AM

To: DEP Payment Submitter <janandwoody@gmail.com>

Thank you for submitting this payment to the Dept. of Environmental Protection. Below is a copy of the information and payment the agency will receive.

- Applicant Name: **Menatoma Association**
- Activity Location: **Readfield, ME**
- First Name: **Richard**
- Last Name: **Tarbuck**
- Company Name: **Menatoma Association**
- Street Address: **119 North Rd.**
- Town/City: **Readfield**
- State or Province: **Maine**
- Country: **United States**
- Zip Code: **04355**
- Phone Number: **2076854212**
- Email Address: **janandwoody@gmail.com**
- Fee Type: **Natural Resources Protection Act (Permit-by-Rule)**
- Customer Number:
- Invoice Number: **2076854212**
- Spill Number:
- Payment Amount: **288.00**
- Additional Comments:

Your information will be reviewed and you may be contacted if more information is needed or if there are additional questions.

OVERVIEW

Attached is an application for the Permit By Rule (PBR) which is needed before the Menatoma Association of Readfield, Maine, can undertake the salvage of its "Craft Building". Perched on a small bluff on the shore of Lovejoy Pond, the building was constructed in the 1920's with no foundation in the fashion of a "daylight basement" with space for storage on the lower level and a room for activities on the second.

Over the course of nearly 100 years, the freeze/thaw effect has pushed the building toward the lake. Despite efforts undertaken to slow the process, the building's structural integrity has been weakened to the point where its occupancy is not safe and it has the potential to "launch" itself onto a dock and into the pond. Our application is the result of nearly 18 months of work to decide upon the best stabilization method, locate an authorized contractor, and secure funding.

Our salvage project has two components:

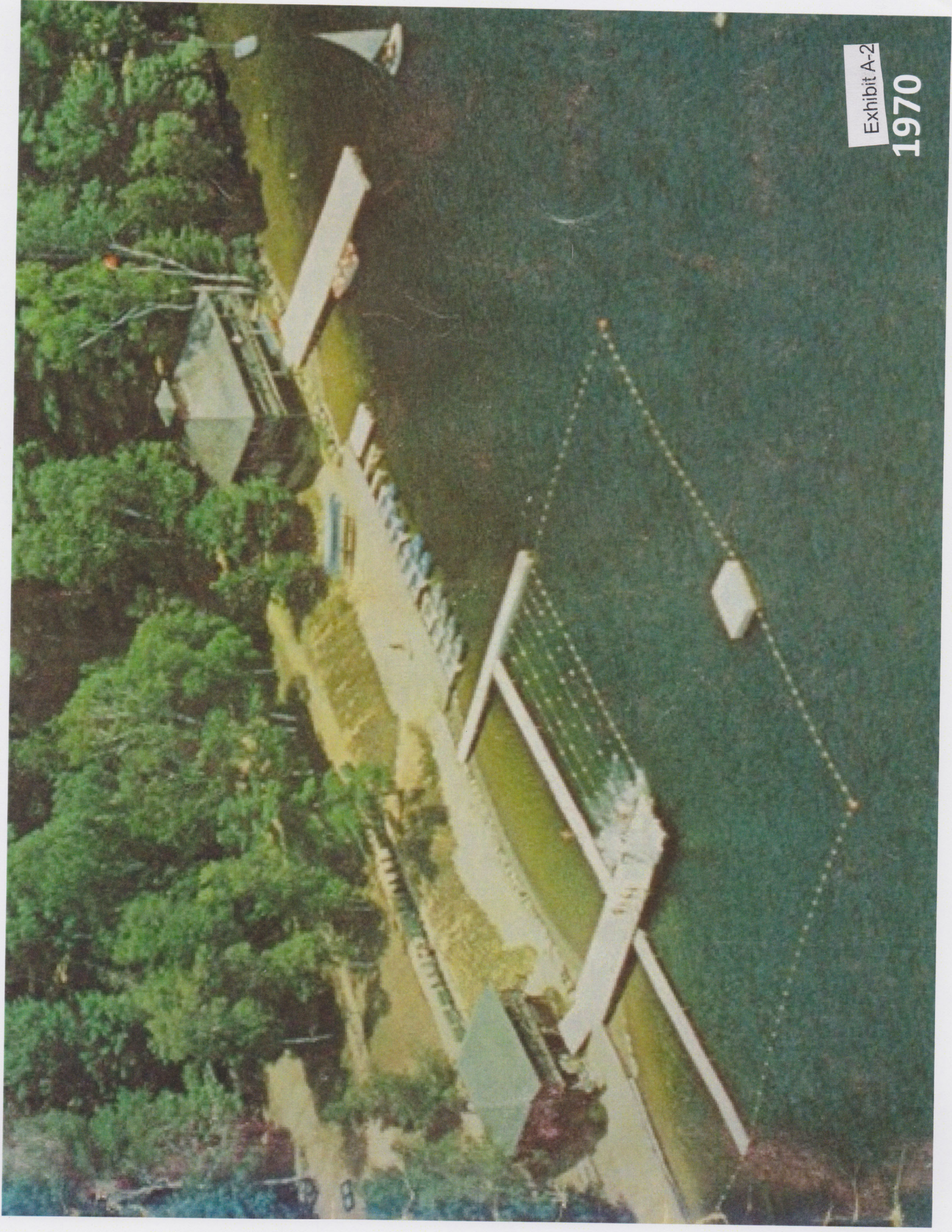
1. The structure needs a proper foundation which means that the building will need to be lifted while remnants of past stabilization efforts are removed and a proper concrete base is poured. There will be no concrete floor. The building will not be expanded and, after lifting, will be set down on its original footprint. There will be no change to the height of the building.
2. Approximately 300 sq ft (60' long X 5' wide) of eroded shoreline needs to be restored and protected by rip rap to ensure that the posts supporting the covered porch have a stable, dry base, eliminating the possibility that their failure will cause the entire building to fall into the pond.

We responded to the requirements of the PBR as follows: Annotations are on the last page of this transmission.

1. **"Brief Project description"** is this overview (Exhibit A-1), as well as historic and current photos: A-2, A-3
2. **"Project Location and Brief Directions to Site"** Exhibit B-1
3. **Location Map** Exhibits C-1, C-2
4. **Submission 096-305-4** Exhibit A-3 annotated
5. **Submission 096-305-8** Exhibits A-2, A-3, A-4, A-5, D-1, D-2, D-3 annotated

Exhibit A-2

1970



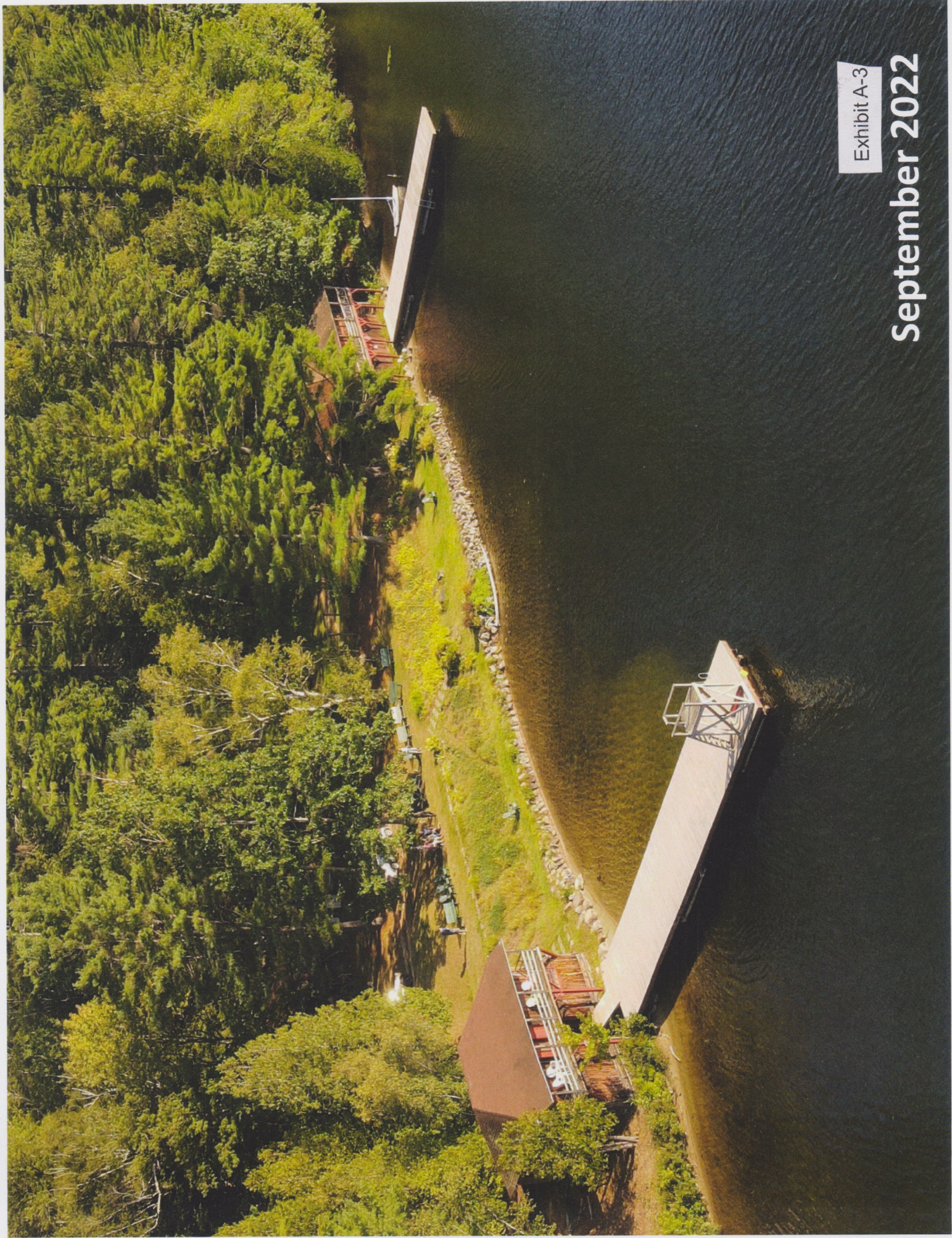


Exhibit A-3

September 2022



Exhibit A-4

September 2022



Exhibit A-5

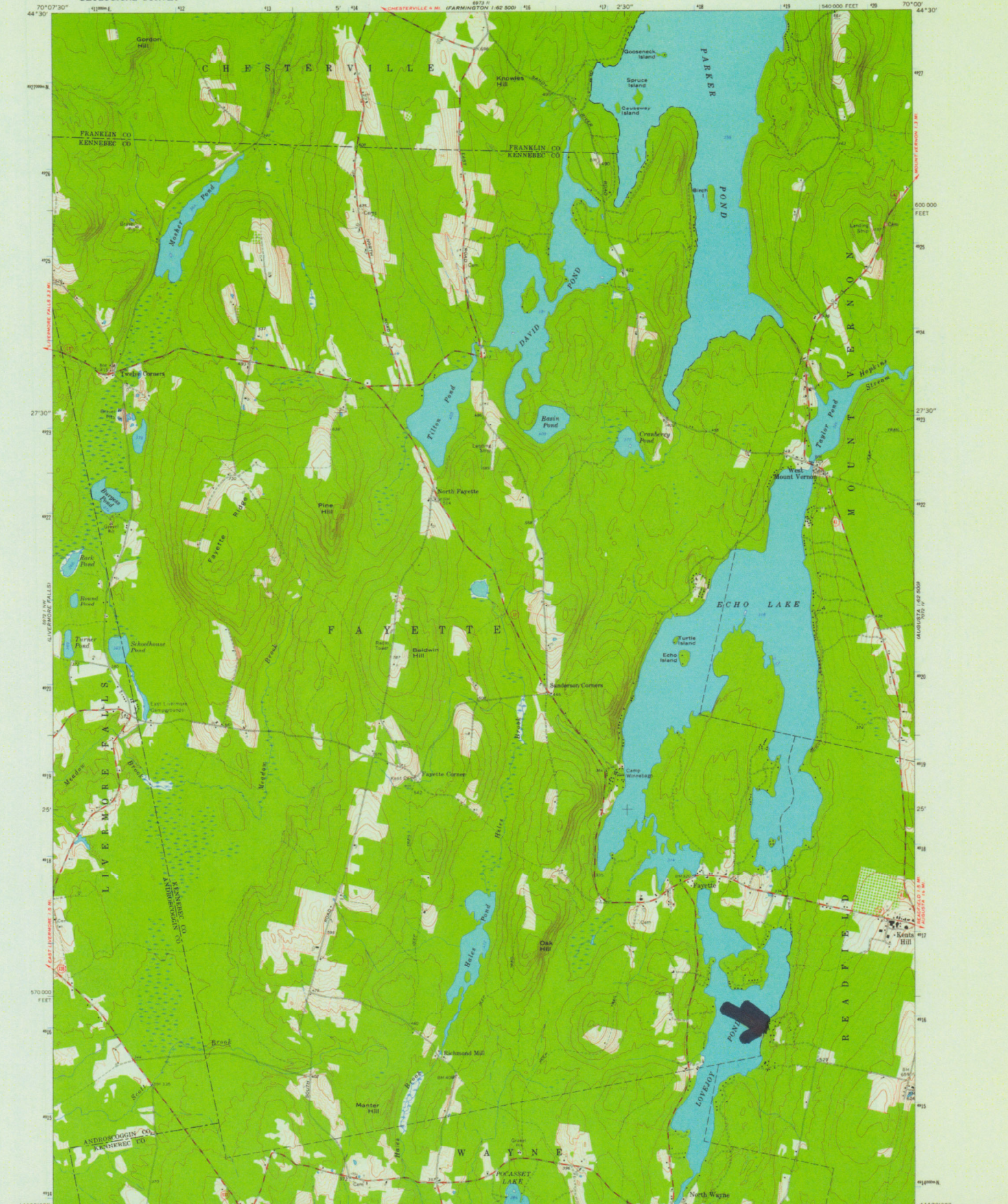
September 2022

EXHIBIT B – Project Location

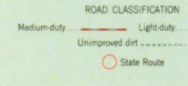
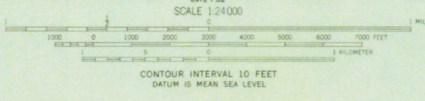
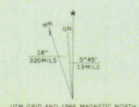
Directions to Menatoma Craft House
Menatoma Camp Road
Readfield, Maine 04355

From Readfield, ME, take Route #17 out of town towards Kents Hill, turn left onto Nickerson Hill Rd, turning right onto P Ridge Road (following the paved road), then immediately turn left onto Lane Road. Continue west on Lane Road turning right onto Menatoma Camp Road (not paved) at bottom of the hill. Continue on Menatoma Camp Road to fork and take right fork (north) down to lake. Continue along lake front to second dock (South Dock). Building to be renovated is the last structure on the waterfront and is in front of the South Dock.

The GPS coordinates are: 44°23'35.50"N, 70°01'16'62"W or 44.39314°N 70.02128°W



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs
taken 1964. Field checked 1966
Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1,000-meter Universal Transverse Mercator grid ticks, zone 19,
shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

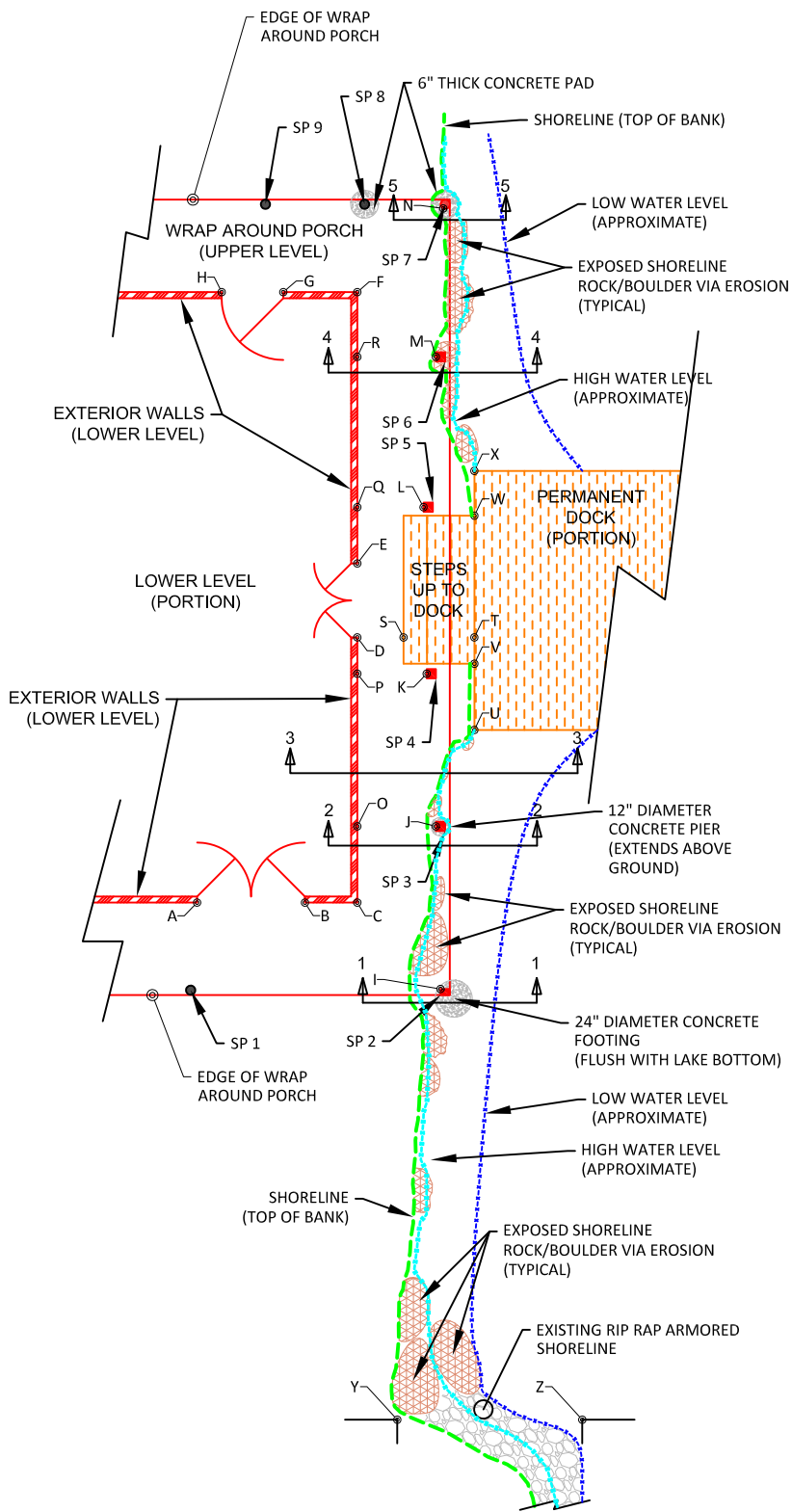
U.S.G.S.
TOPOGRAPHIC DIVISION

FAYETTE, MAINE
NE 1/4 LIVERMORE 19 QUADRANGLE
14422.5-
ANS 892 I N

Exhibit C-1



Project Site



DISTANCE MEASUREMENTS

- A-B = 5' 10"
- B-C = 2' 10"
- C-D = 14' 4"
- D-E = 4'
- E-F = 14' 8"
- F-G = 4'
- G-H = 3' 4"
- I-J = 8' 8"
- J-K = 8'
- K-L = 8" 3"
- L-M = 8' 6"
- M-N = 8'
- B-I = 6' 6"
- O-J = 4' 9"
- P-K = 4' 4"
- D-S = 2' 6"
- D-T = 6' 4"
- S-T = 3' 10"
- Q-L = 4' 1"
- R-M = 4' 9"
- F-N = 6' 7"
- V-W = 8'
- U-X = 14'
- I-Y = 28'
- Y-Z = 10'

SUPPORT POSTS

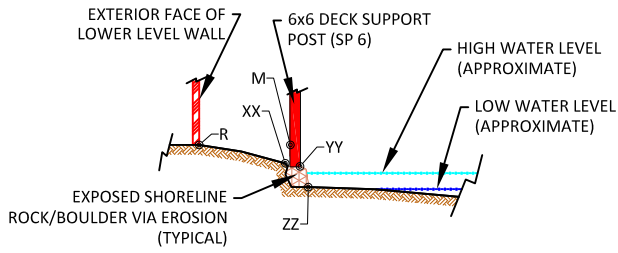
- SP 1 = CEDAR TREE TRUNK
- SP 2 = 4X6 PRESSURE TREATED POST
- SP 3 = 6X6 PRESSURE TREATED POST
- SP 4 = 6X6 PRESSURE TREATED POST
- SP 5 = 6X6 PRESSURE TREATED POST
- SP 6 = 6X6 PRESSURE TREATED POST
- SP 7 = CEDAR TREE TRUNK
- SP 8 = CEDAR TREE TRUNK
- SP 9 = CEDAR TREE TRUNK

GRAPHIC SCALE

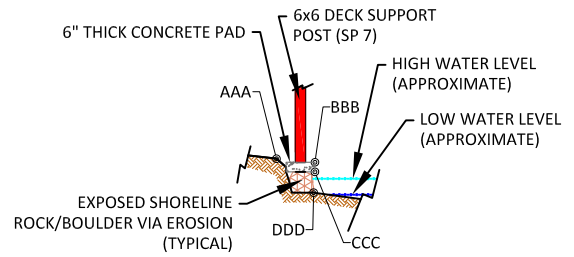
1 INCH = 10 FEET



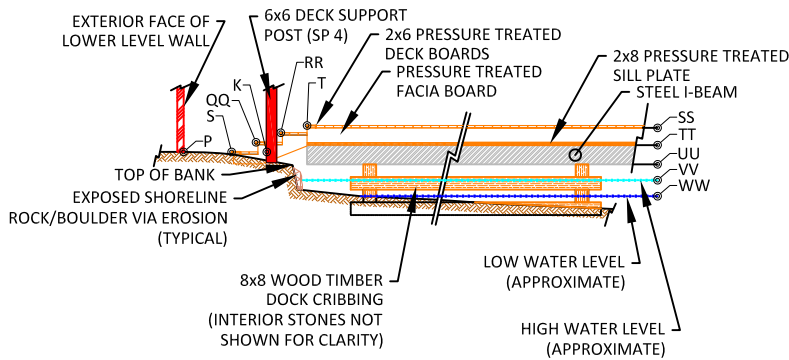
**EXISTING CONDITIONS
PLAN VIEW**



SECTION 4-4



SECTION 5-5



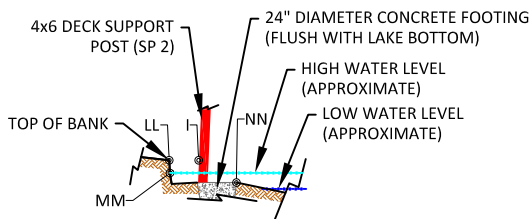
SECTION 3-3

VERTICAL DISTANCE MEASUREMENTS

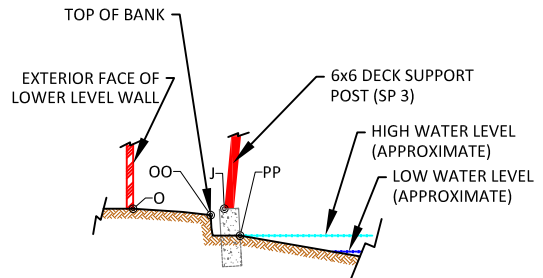
- LL-MM = 8"
- MM-NN = 5"
- J-OO = 4"
- J-PP = 1' 5"
- OO-PP = 1' 1"
- S-QQ = 6"
- QQ-RR = 6"
- RR-T = 6"
- SS-TT = 11"
- TT-UU = 1"
- UU-VV = 1' 1"
- VV-WW = 10"
- XX-YY = 2"
- YY-ZZ = 1' 1"
- AAA-BBB = 2"
- BBB-CCC = 6"
- CCC-DDD = 1' 5"

HORIZONTAL DISTANCE MEASUREMENTS

- LL-I = 1' 6"
- O-J = 4' 9"
- P-S = 2' 6"
- P-K = 4' 4"
- P-T = 6' 4"
- R-M = 4' 9"



SECTION 1-1



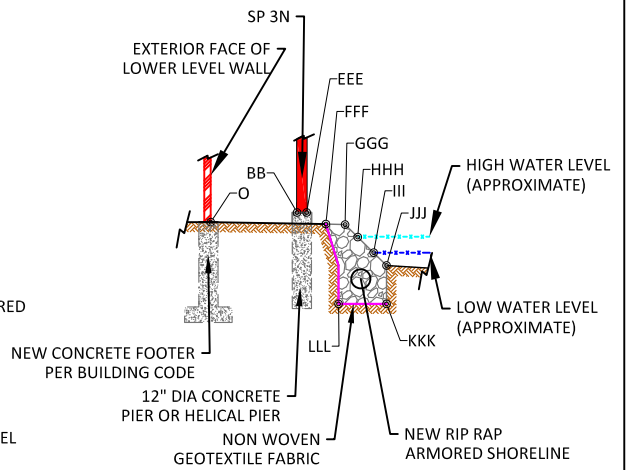
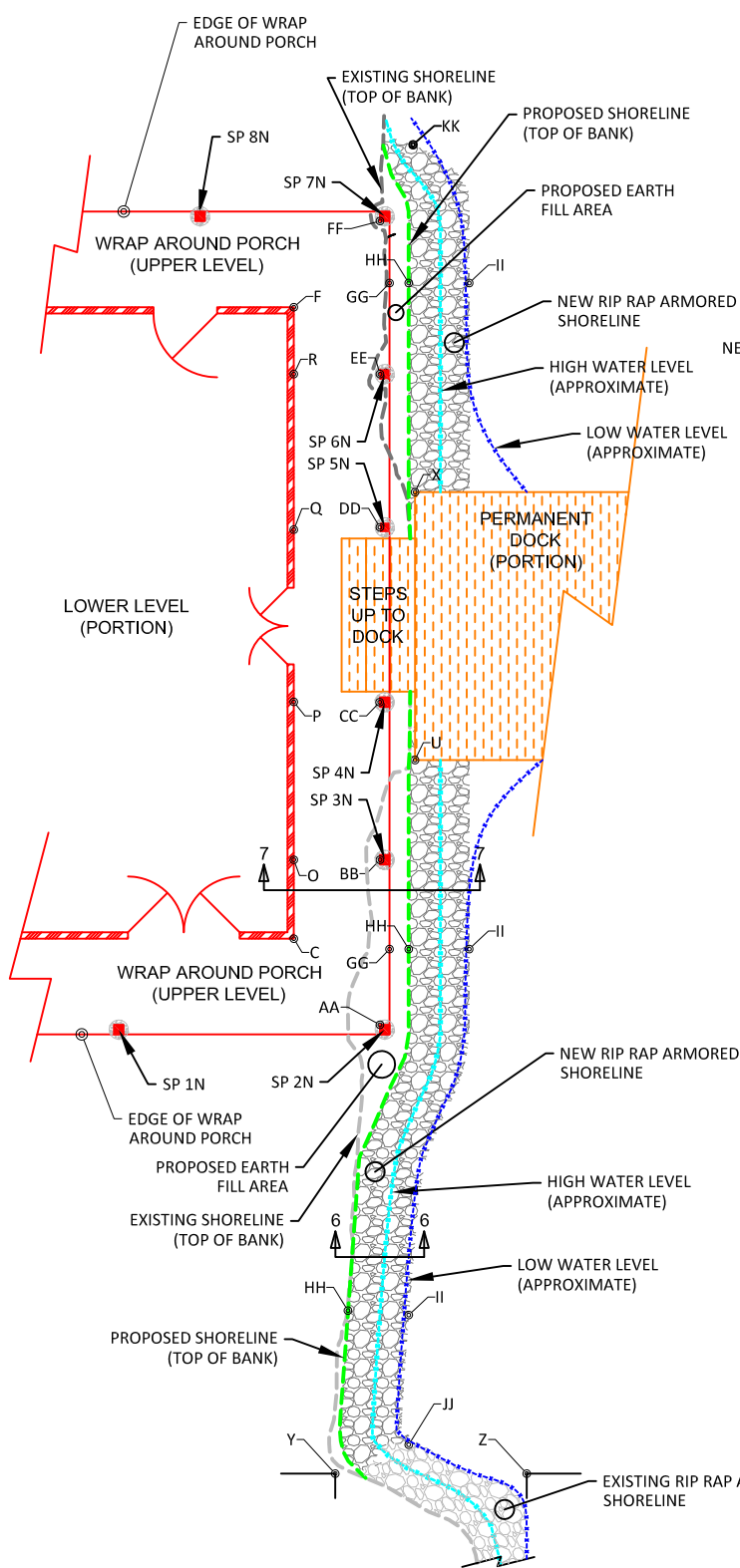
SECTION 2-2

GRAPHIC SCALE

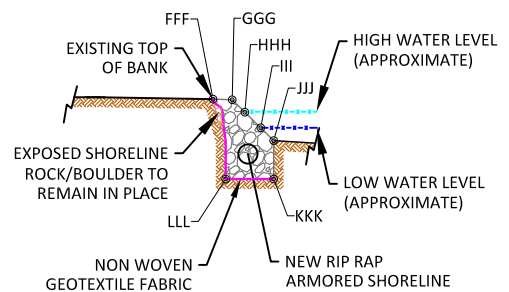
1 INCH = 10 FEET



**EXISTING CONDITIONS
SECTION VIEWS**



SECTION 7-7



SECTION 6-6

VERTICAL DISTANCE MEASUREMENTS

- EEE-FFF = 1'
- GGG-HHH = 8" (APPROX)
- HHH-III = 10" (APPROX)
- III-JJJ = 8" (APPROX)
- JJJ-KKK = 2'

HORIZONTAL DISTANCE MEASUREMENTS

- C-AA = 6' 4"
- AA-BB = 8'
- BB-CC = 8'
- O-BB = 4' 6"
- P-CC = 4' 6"
- Q-DD = 4' 6"
- R-EE = 4' 6"
- F-FF = 6' 4"
- FF-EE = 8'
- EE-DD = 8'
- GG-HH = 1'
- HH-II = 3' 2"
- GG-II = 4' 2"
- U-JJ = 35' 9"
- Y-JJ = 4' 2"
- X-KK = 18' 2"
- O-FFF = 6'
- EEE-FFF = 1'
- FFF-GGG = 1'
- LLL-KKK = 2' 6" (MIN)
- FFF-JJJ = 3' 2"

SUPPORT POSTS
 ALL NEW SUPPORT POSTS (SP #N) ARE TO BE 6"x6" PRESSURE TREATED AND PLACED ON EITHER A 12" DIAMETER CONCRETE PIER OR A HELICAL PIER

GRAPHIC SCALE

1 INCH = 10 FEET



**PROPOSED CONDITIONS
 PLAN & SECTION VIEWS**

State of Maine



Department of the Secretary of State

I, the Secretary of State of Maine, certify that according to the provisions of the Constitution and Laws of the State of Maine, the Department of the Secretary of State is the legal custodian of the Great Seal of the State of Maine which is hereunto affixed and that the paper to which this is attached is a true copy from the records of this Department.

In testimony whereof, I have caused the Great Seal of the State of Maine to be hereunto affixed. Given under my hand at Augusta, Maine, this seventh day of October 2022.



Shenna Bellows

Shenna Bellows
Secretary of State

Additional Addresses

Legal Name	Title	Name	Charter #	Status
MENATOMA ASSOCIATION	Registered Agent	MARY A. DENISON	19810060ND	GOOD STANDING
Home Office Address (of foreign entity)	Other Mailing Address	Address in Maine		
	258 MAIN STREET WINTHROP, ME 04364			

ANNOTATIONS

Exhibit A-2

This reprint of an aerial photo taken from the 1970 yearbook cover of the former Menatoma Boys Camp shows a sandy beach and a shoreline restraint made of creosote timbers and riprap. For this project, note that the posts supporting the porch of the right hand building (our Craft building) rest on dry land, several feet from the waters' edge.

Exhibit A-3

A drone photo taken in September, 2022 shows the shoreline as it exists today. Note the anti-erosion plantings and riprap. Also note the extend of the encroachment of water upon the Craft House due to ineffective riprap and consequent erosion.

Exhibit A-4

The pond level was low because this year's drought and it is obvious that the porch supports are jury-rigged, unstable, and are subject to damage from ice at normal high water levels. Note that the post on the far left has been pushed off center of the pad by the action of ice.

Exhibit A-5

The pond is at full level after heavy rains two weeks later. The post cited above is now submerged and subject to pressure from lake ice. Note the disarray of the other posts and the bracing needed to forestall movement during the winter. The photo also shows the effect of uphill pressure upon the door on the left.

**TOWN OF READFIELD
PLANNING BOARD
LAND USE PERMIT APPLICATION
(Site Review)**

General Instructions:

This form assists applicants to gain permits for land use in Readfield and its completion is required for the Planning Board to review your proposed development project as required by the Readfield Land Use Ordinance. However, any applicant proposing a project requiring Planning Board Site Review should be familiar with Article 6 of the Land Use Ordinance which sets forth submission requirements and the procedure and review criteria that will be followed to the extent applicable. The last page of this application lists the submittals that should be included with this application (as per Article 6, Section 3.I.2., of the Land Use Ordinance):

. This application attempts to help you provide information that will demonstrate that your proposed use meets these criteria. The Planning Board may require additional studies or a consultant to be hired to perform additional review of all or any portion of your project. If so required, you will be required to pay those costs.

It is important that your application and site plan be complete. The completeness of the application will be determined at the first Board meeting. If the application is found to be incomplete, it will likely be “tabled” until it is complete-thus delaying your project. If you have questions or require assistance, you may contact the Code Enforcement Officer. Although most applicants prepare their own application, you may also have someone else prepare and present your application for you as your “agent” provided the Board receives a letter of authorization from you and the agent signs the application.

The Planning Board usually meets on the 2nd and 4th Wednesday evenings of each month at 6:30. Your completed application, including all submittals, must be filed with the Town Code Office at least 10 days prior to a scheduled meeting date. Then the Board will review your application and vote on its completeness, if complete the Board will schedule a public hearing and notices will be mailed to abutters. This will provide the Board members with the opportunity to receive and preview your application beforehand-thus saving you as much time as possible during the meeting and review process. You may bring documentation to the meeting, but do not expect immediate approval based upon any applications, submittals, or revisions brought to the meeting. Similarly, requesting approval conditioned upon future submittals is not acceptable.

Almost all applications require more than one meeting, with a possible scheduled site visit conducted by the Board members between the 1st and 2nd meetings. Frequently more than two meetings are required, so please allow yourself adequate time to obtain your Planning Board Land Use Permit prior to beginning your project.

You will be notified by the Planning Board Secretary in advance of the meeting as to the time you or your agent are scheduled to appear. At the first meeting you will be asked to describe your project to the Board after which time the members may have additional questions for you. Your Land Use Permit does not include a building, plumbing, or any other permit that may be required locally or by the State.

Instructions for Completing the Review Criteria Questionnaire

A review by the Readfield Planning Board will be restricted to the criteria set forth in Article 6, Section 3.C, below. Following this Article is a questionnaire intended to help you provide information to demonstrate that your proposed use meets these criteria. Please respond to these questions as completely as possible as they relate to your proposed project. Any questions that you believe are not applicable, please state your reason. This will help provide the Board with the information necessary to conduct a fair and timely review.

Article 6, Section 3.C Review Criteria

The applicant shall demonstrate that the proposed use to the maximum extent possible meets the review criteria listed below. The Planning Board shall approve the application unless it makes written findings that one or more of these criteria have not been met.

1. **Aesthetic, Cultural and Natural Values.** The proposed activity shall not have an undue adverse affect on the scenic or natural beauty of the area, aesthetics, historic sites, archeological sites or significant wildlife habitat identified by the Department of Inland Fisheries and Wildlife or the Town of Readfield, or rare and irreplaceable natural areas or any public rights for physical or visual access to the shoreline.
2. **Conformity with Local Ordinances and Plans.** The proposed activity shall conform with all applicable Ordinances and the Comprehensive Plan.
3. **Erosion.** The proposed activity shall not cause soil erosion or a reduction in the land's capacity to hold water so that a dangerous or unhealthy condition results. The best management practices set forth in the "Maine Erosion and Sediment Control Handbook for Construction Practices" (Cumberland County Soil and Water Conservation District, Department of Environmental Protection, March 1991 or as revised), or the most applicable best management practices as referred to in Article 8 Section 11, shall further mandate compliance with this requirement.
4. **Financial Burden on Town.** The proposed activity shall not cause an unreasonable financial burden on the Town for provisions of public services and facilities.
5. **Financial and Technical Capacity.** The applicant shall have adequate financial resources and technical capacity to construct and maintain the proposed improvements and meet the criteria of all applicable Ordinances. In making the above determinations, the Planning Board shall consider the proposed time frame for construction, the effects of inflation, the applicant's previous experience, the experience and training of the applicant's consultants and contractors, and the existence of any violations of previous approvals granted to the applicant under the provisions of this Ordinance.

6. **Flood Areas.** The proposed activity shall not adversely affect flood plain areas as depicted on the Federal Emergency Management Agency's Flood Insurance Rate Maps, and the proposal shall conform with all applicable requirements of the Town of Readfield Floodplain Management Ordinance.
7. **Wetlands.** The proposed activity shall not have an adverse impact on freshwater wetlands.
8. **Groundwater.** The proposed activity shall not, alone or in conjunction with existing activities, adversely affect the quality or quantity of groundwater.
9. **Municipal Solid Waste Disposal.** The proposed activity shall not cause a burden on the Town's ability to dispose of solid waste, if municipal services are to be utilized.
10. **Water Supply.** The proposed activity shall not cause a burden on an existing public water supply, if one is to be used.
11. **Adjacent Land Uses.** The proposed activity shall not have a detrimental effect on adjacent land uses or other properties, that might be affected by waste, noise, glare fumes, smoke, dust, odors or other effects.
12. **Pollution.** The proposed activity shall not result in water or air pollution. In making this determination, the Planning Board shall at a minimum consider:
 - a. The elevation of the land above sea level and its relation to the flood plains;
 - b. The nature of soils and subsoils and their ability to adequately support waste disposal;
 - c. The slope of the land and its effect on effluents, including phosphorous transport; and
 - d. The applicable State and Town health, air and water resource and sludge rules and regulations.
13. **Waterbodies.** The proposed activity shall not have an undue impact on any waterbody such as a lake, pond, or stream.
14. **Wastewater Disposal.** The proposed activity shall provide for adequate wastewater disposal meeting all applicable requirements and shall not cause a burden on public services if they are utilized. Form HHE 200, or its equivalent, shall be required for a primary site.
15. **Stormwater.** The proposed activity shall: a) provide for stormwater management, and b) comply with the best management practices set forth in the Stormwater Management for Maine, Best Management Practices (Department of Environmental Protection, State of Maine, November 1995 or as revised).
16. **Sufficient Water.** The proposed activity shall have sufficient water available for the reasonably foreseeable need of the proposed development.

17. **Traffic.** The proposed activity shall not cause highway or public road congestion or unsafe conditions with respect to the use of the highways or public roads, existing or proposed.
18. **Legal Access.** The site shall have legal and reasonable means of access sufficient to meet all proposed uses.
19. **Impact on Adjoining Municipality.** When a proposed development subject to site review crosses the Town's boundaries, the proposed development shall not cause unreasonable traffic congestion or unsafe conditions with respect to the use of existing public ways in an adjoining municipality in which part of the development is located.
20. **Spaghetti Lots Prohibited.** Any lots in a proposed development shall not have a lot depth to frontage ratio greater than 5 to 1. When a proposed development borders both a water body and a road, the lot depth to frontage ratio shall be based on the frontage on the water body.
21. **Life and Fire Safety.** The Planning Board may require a review of any development subject to site review by the Readfield Fire Department for life and fire safety recommendations and may require incorporation of the life and fire safety recommendations in the application or as a condition of approval of the application.
22. **Violations.** The proposed activity or development is not on property currently in violation of any requirements of this Ordinance. If the Code Enforcement Officer determines that an enforceable violation exists, the Code Enforcement Officer shall issue a written Notice of Violation to the applicant within the review period of time provided for and the application, if otherwise approved, shall be conditioned upon the resolution of the violation prior to the use of occupancy of the permitted activity applied for. This provision shall not prevent, restrict or otherwise preclude the applicant from appealing to the Board of Appeals under Article 2 of this Ordinance any determination by the Code Enforcement Officer of an alleged violation.

Permit Fee _____
 Date Paid _____
 Receipt # _____

Town of Readfield
 Readfield, Maine 04355
 (207) 685-4939

Map 111 Lot 028-0027

Planning Board
Land Use Permit Application

The undersigned applies for approval of the Readfield Planning Board as follows:

1. Applicant / Owner: Menatoma Association
% Richard DeMarco
7 Parker Circle
Salem, NH 03079-1247
Phone# (H) 603-770-1688

Agent Richard Tarbuck
119 North Rd
Readfield, ME 04355
Phone# 685-4212

Note: Property owner must provide written authorization if he/she wishes to be represented by an agent. Such authorization may be provided either by signing this application, or by providing authorization by means of a separately signed statement included with the application.

2. Please describe what you are proposing to do:

The Menatoma Association makes this application to salvage a building constructed approximately 100 years ago which housed craft activities for the boys' camp operating at that time. The structure is located on a shorefront bank and currently has no foundation-a construction defect which has resulted in it to be pushed very gradually by the freeze/thaw cycle toward Lovejoy Pond. The problem has been exacerbated over time by the erosion caused by watercraft wakes which have undermined the bank supporting load bearing posts. Consequently the condition of the structure has changed from "unfortunate" to "dangerous" in the last two years. The building will be jacked where it sits while a concrete foundation is poured underneath. Rip rap will be installed to retain the fill needed to restore the shoreland needed to provide a stable base for the lakeside supporting posts.

3. What land use district, e.g. rural residential, is the property located (as defined in Article 7 of the Land Use Ordinance (LUO) and depicted on the Land Use Map)?

Shoreland Private Community

4. What is the existing use of the property (see Table 1/Table of Uses, Article 7, of the LUO)?
Private community activities (arts and crafts activities), seasonal equipment storage underneath (beach chairs and water toys).

5. What is the proposed use of the property as best described from Table 1/Table of Uses in Article 7?

No change to existing use

5. Lot Width _____ Lot Depth _____ Lot Area in Acres (1 acre = 43,560 sq. ft.)
Building footprint only (33'W, 22'6")

6. If a structure is proposed to be built, or expanded, list the following:

Questionnaire

1. State how the proposed activity will not have an undue adverse affect on:
 - a) the scenic or natural beauty of the area, **The project is located among legacy pines whose roots will be impacted by the excavation of the foundation. We have consulted with an arborist who has cabled one tree and, upon his recommendation, we have altered the excavation plan to preserve the trees as best as possible.**
 - b) any historical sites that may be located on the property, **NA**
 - c) any significant wildlife habitat, **NA**
 - d) any public rights for physical or visual access to any shoreline, **NA**
 - e) any rare and irreplaceable natural areas, **NA**
2.
 - a) What other Town, State or Federal permits will be required for this project? **We have filed for and have received permit approval from Maine DEP (PBR 376173) as well as from the Army Corps of Engineers (NAE-2022-02882). The floodplain application is in process and will be completed when the surveyor has completed his work.**
 - b) Do you intend to apply for these permits? **completed, see above**
 - c) Are you committed to conducting this activity and subsequent use of the property in conformance with all applicable Town, State and Federal laws, rules, regulations and ordinances? **Yes**
3. State how the proposed activity will:
 - a) prevent stormwater from giving rise to soil erosion both during and after the Development, **Our contractor (Scott Horne) is certified to follow best practices for this type of project**

(In this regard you may reference the appropriate erosion control or stormwater management books available at the Town Office)
 - b) reasonably conserve the land's capacity to hold water, **Yes**
4. State what impact the proposed activity will have upon the Town's public services and facilities. This may include, but not be limited to the amount and type of anticipated traffic, requirements for emergency services, effects relating to public education, etc. **None**
5.
 - a) What financial resources (including mortgage commitments) do you have to assure the completion and implementation of this project in compliance with the Land Use Ordinance? **The Association's membership authorized funding for this project in March, 2022.**

- b) What technical support will be used in connection with any design, development or use of the project? **An owner, who is a registered Professional Civil Engineering in Virginia, has and will continue to assist with technical support. Our contractor, Scott Horne, will also be relied upon based upon his experience and past performance.**
6. Is any portion of the subject property located within, or affected by any flood areas as depicted on the Federal Emergency Management Agency Flood Insurance Rate Map? (These Flood Maps are available for your reference at the Town Office).
- i) If the answer to question (a) is yes, do you intend to include any portion of your development within the boundaries of the floodplain, including any structures or buildings, wells, wastewater disposal systems, or any storage or placement of property stockpiling of materials? **Yes**
- ii) If the answer to question (i) is yes, how do you intend to develop this project (including its subsequent use) to comply with the Floodplain Ordinance of the Town of Readfield? **LoveJoy Pond falls under Zone AE in the Flood Zone Map, meaning it has a determined flood elevation, which is 304. The Flood Zone Map also depicts a boundary for the flood zone which encroaches on the shoreline. However, because a known flood elevation is given, that elevation will supersede any drawn boundary. We believe our flat shore area outside of the building footprint, along with the finished floor elevation of the current building, is above this flood elevation as we have never been flooded, even at the highest pond elevation witnessed during the Association's existence (40+ years). However, we won't know for certain until we can get a surveyor to confirm. Once the surveyor confirms, we will know for certain and will ensure that when we put the building on the new foundation, the finished floor elevation will be at least 1 foot above the flood elevation of 304 to comply with ordinances and insurance requirements.**
7. a) Does your proposed development or use include any alteration of or impact to any wetland? **No** If the answer to this question is yes, describe how you intend to minimize this impact?
- b) Are you aware that any wetland alteration requires additional permitting on the State or Federal level and will you be applying for those? **Yes**
8. What part of your development or use will rely on or could impact groundwater? **None**
9. a) State the nature of solid waste your proposal will generate both during development and the subsequent use of the property. **Some excavation debris (old concrete), earthen material removed as necessary to the installation of the foundation, none of which is hazardous.**
- b) Will this solid waste be taken to the Town Recycling Station? **No** If so, how will the Town be compensated for handling such waste? **NA**
- If the solid waste is not to be taken to the Town Recycling Station, how do you plan to dispose of it? **Contractor stockpile**
10. Do you intend to connect to any public water supply? **No**
11. a) What impact, if any, could the proposed activity have on adjacent properties and their uses. State whether any noise, glare, fumes smoke, dust, odors, or other affects will be generated. **None**

- b) Describe the anticipated extent of these impacts and how you intend to buffer or reduce them to a level acceptable to adjacent properties. **NA**
12. a) What is the approximate percentage of slope of the land? **30% slope behind the building, water level in the restoration area.**
b) What are the nature of the soils? **Glacial till-sand, clay, gravel**
c) What is the nature and extent of the existing vegetation on the site of development or use? **Legacy trees and underbrush, anti-erosion plantings.**
13. a) What is the nearest waterbody (lake, pond, stream, or brook)? **Lovejoy Pond (Fayette)**
b) What is the least distance between the waterbody and the project site? **Some supporting posts are in the water at high water mark.**
c) What part of your project could impact one of these waterbodies? **See above**
d) How do you intend to minimize this impact? **Restore the historic shoreline and install anti-erosion rip-rap to preserve the repair.**
14. How do you intend to provide for the adequate disposal of sewage and wastewater in order to comply with the requirements of the State Plumbing Code? **NA**
15. Describe or illustrate on a separate paper how you intend to control and manage any additional stormwater resulting from this project or use. You may reference the publication, "Stormwater Management for Maine, Best Management Practices" published by the Department of Environmental Protection (1995) and which is available for reference at the Town Office. **NA**

NOTE: If the project results in 20,000 sq. ft. or more of impervious area in the Maranacook Lake watershed or more than one (1) acre in the other lake watersheds, or more than five (5) acres of disturbed area in either watershed, a Stormwater Management permit from the Department of Environmental Protection will be required.

16. What will your water requirements be for this use and what will be your water source? **NA**
17. What types and amount of additional traffic do you expect as a result of this use? **NA**
18. What are your plans for permanent access to the site of the proposed use? **No change**
19. Does your proposed development or use cross the Readfield town line?
If so, into which town? **NA**
How will you avoid causing unreasonable traffic congestion or unsafe conditions as related to the use of that town's public ways? **NA**
20. What is the estimated depth-to-frontage ratio of the lots you propose to create or develop?
NA
21. Has a representative of the Readfield Fire Department reviewed your proposal? **NA**
22. Are there currently any enforceable land use violations associated with this property? **No**

23. If your project involves the construction of a road has the road design been approved by the Road Committee? **NA**

Required Submittals

(Per Article 6, Section 3.I.2)

- Done 1.** Copy of the portion of applicable tax map showing subject property, abutting properties and boundaries of all contiguous property under the control of the owner or applicant, regardless of whether all or part is being developed at this time. See **“RPBArs1” attached**
- Done 2.** Names and mailing addresses of all property owners abutting the proposed development. (Abutters are the owners of any parcels with one or more common boundaries or points, as well as property owners of any parcel located directly across any road, railroad or stream along the road, railroad or stream from the parcel involved in the application. Also included is any Qualified Conservation Holder of an easement in any of these parcels). See **“abutters” attached**
- Done 3.** Exact direction to the property from the Town Office, using a map if necessary. See **“directions” attached.**
- Done 4.** The Assessor’s tax map and lot numbers of the parcels See **“Menatoma tax map” attached.**
- Done 5.** A copy of the deed to the property or other documentation to demonstrate right, title or interest in the property on the part of the applicant. See **“Camp Menatoma 1980” attached**
- Done 6.** The name, registration number and seal of the land surveyor, architect, engineer and/or similar professional who prepared any plan. See **number 5.**
- Done 7.** Map showing the north bearing and lot dimensions of all property lines of the property to be developed and the source of this information. See **number 5.**
- Done 8.** Site plan(s) illustrating the following: (Note: If the site plan is not drawn to scale, then specific distances identifying the relative locations of the following features must be shown on the plan)-culverts and drains that will serve the development whether on or off the property along with the direction of existing and proposed surface water drainage across the site. **None**
- b) The location, names, and present and proposed widths of existing and proposed roads, driveways, streets, parking and loading areas, walkways and rights-of-way within or adjacent to the proposed development. **Menatoma Camp Road-restricted unimproved track passes 39 feet in front of structure. See attachment “RPBAsketchrs8 “for more details.**
 - c) The location and dimensions of all existing and proposed buildings and structures on the site, including underground storage tanks. **see (b) above**
 - d) The location of intersecting roads or driveways within 200 hundred feet of the site. **None**
 - e) The location of existing and proposed open drainage courses, wetlands, water bodies, floodplains, stands of trees, and other important natural features, with a description of such features to be retained. **On map**
 - f) The location and dimensions of any existing and proposed easements. **None**
 - g) The location and dimensions of all existing and proposed provisions for water supply and wastewater disposal systems, including a design copy or letter of soils suitability for any proposed new or replacement wastewater disposal systems. **None**
 - h) The location and dimensions of all existing and proposed signs. **None**
 - i) For any project which shall result in a change to exterior lighting, the location,

height, and type of existing and proposed exterior lighting and, for commercial, industrial and institutional projects, the foot-candle intensities of proposed lighting projecting on abutting properties. **None**

j) The proposed landscaping and buffering. **Restored as current, please note photos**

k) The location and amount of any earth-moving. **None on site**

l) A copy of all existing or proposed covenants or deed restrictions associated with the subject property.

Done 9. A copy of any applicable Federal, State or Town applications or permits which have been issued.

 ? 10. A narrative describing how the proposal meets all of the Planning Board's Review Criteria.

Done 11. Evidence of receipt of application fee paid to the Town of Readfield.

Done 12. A schedule of construction, including anticipated beginning and completion dates. **Work is scheduled to begin after Labor Day, 2023 to be completed approximately 1 month thereafter.**

Done 13. A stormwater drainage and erosion and control plan in compliance with Article 8, Sections 10 and 11. **Our contractor is shoreland certified and uses a fabric retainer and erosion control mulch mix according to best practices**

Done 14. A description of the traffic movement to be generated by the development including types, peak hour and average daily vehicle trips, travel routes, and duration of traffic movement both during and following construction. A full traffic impact study shall be required under the conditions set forth in Article 8, Section 18.H, and shall include the components described therein. **Truck traffic will be minimal since the tree roots demand as little excavation as possible and the concrete volume will not be significant.. Travel will be on the private camp road, the Lane Road, and P Ridge Rd. to State route 17.**

Done 15. An assessment of the solid or hazardous wastes to be generated by the proposed activity and a plan for its handling and disposal, along with evidence of disposal arrangements. **No hazardous waste will be generated by this project. Soil and a demolished concrete slab will be disposed of at the contractor's stockpile.**

 16. A copy of any required dimensional calculations applicable to the standards being reviewed, for example, square footage of structures, percent of lot coverage, etc. **Building size is 33'WX22'6" Lot size ???**

Done 17. Elevation drawings for new commercial, industrial, and institutional buildings.

NA

Done 18. Any additional information relevant to the project, for example, photographs, Cobbossee Watershed District recommendations, etc. **Photos are part of the PBR application attached.**

-----(end of application)-----

Planning Board Fees

<u>Value of Project</u>	<u>Fee</u>
Up to \$100,000	\$100
\$100,001 to \$500,000	\$150
\$500,001 to \$1,000,000	\$250
\$1,000,001 and over	\$500

“Value of Project” is considered the fair market value of all labor and materials associated with the project requiring site review. The above fee schedule does not include other fees that may be required as part of this project, for example, building and plumbing permit fees.

Subdivision Review

Minor subdivisions	\$175
Major subdivisions	\$175 plus \$50 per lot

Legitimate non-profit organizations will be assessed one-half of the regular fees

Questionnaire

1. State how the proposed activity will not have an undue adverse affect on:
 - a) the scenic or natural beauty of the area, **The project is located among legacy pines whose roots will be impacted by the excavation of the foundation. We have consulted with an arborist who has cabled one tree and, upon his recommendation, we have altered the excavation plan to preserve the trees as best as possible.**
 - b) any historical sites that may be located on the property, **NA**
 - c) any significant wildlife habitat, **NA**
 - d) any public rights for physical or visual access to any shoreline, **NA**
 - e) any rare and irreplaceable natural areas, **NA**
2.
 - a) What other Town, State or Federal permits will be required for this project? **We have filed for and have received permit approval from Maine DEP (PBR 376173) as well as from the Army Corps of Engineers (NAE-2022-02882). The floodplain application is in process and will be completed when the surveyor has completed his work.**
 - b) Do you intend to apply for these permits? **See above**
 - c) Are you committed to conducting this activity and subsequent use of the property in conformance with all applicable Town, State and Federal laws, rules, regulations and ordinances? **Yes**
3. State how the proposed activity will:
 - a) prevent stormwater from giving rise to soil erosion both during and after the Development, **Our contractor (Scott Horne) is certified to follow best practices for this type of project**

(In this regard you may reference the appropriate erosion control or stormwater management books available at the Town Office)
 - b) reasonably conserve the land's capacity to hold water, **Yes**
4. State what impact the proposed activity will have upon the Town's public services and facilities. This may include, but not be limited to the amount and type of anticipated traffic, requirements for emergency services, effects relating to public education, etc. **None**
5. a) What financial resources (including mortgage commitments) do you have to assure the completion and implementation of this project in compliance with the Land Use Ordinance? **The Association's membership authorized funding for this project in March, 2022.**

b) What technical support will be used in connection with any design, development or use of the project? **An owner, who is a registered Professional Civil Engineer in Virginia, has and will continue to assist with technical support. Our contractor, Scott Horne, has the experience and documented past performance to assure that the project will be professionally executed .**

6. Is any portion of the subject property located within, or affected by any flood areas as depicted on the Federal Emergency Management Agency Flood Insurance Rate Map? (These Flood Maps are available for your reference at the Town Office).
- i) If the answer to question (a) is yes, do you intend to include any portion of your development within the boundaries of the floodplain, including any structures or buildings, wells, wastewater disposal systems, or any storage or placement of property stockpiling of materials? **Yes**
- ii) If the answer to question (i) is yes, how do you intend to develop this project (including its subsequent use) to comply with the Floodplain Ordinance of the Town of Readfield? **Application is pending, please see above.**
7. a) Does your proposed development or use include any alteration of or impact to any wetland? **No** If the answer to this question is yes, describe how you intend to minimize this impact?
- b) Are you aware that any wetland alteration requires additional permitting on the State or Federal level and will you be applying for those? **NA**
8. What part of your development or use will rely on or could impact groundwater? **None**
9. a) State the nature of solid waste your proposal will generate both during development and the subsequent use of the property. **Some excavation debris (old concrete), earthen material removed as necessary to the installation of the foundation, none of which is hazardous.**
- b) Will this solid waste be taken to the Town Recycling Station? **No** If so, how will the Town be compensated for handling such waste? **NA**
If the solid waste is not to be taken to the Town Recycling Station, how do you plan to dispose of it? **Contractor stockpile**
10. Do you intend to connect to any public water supply? **No**
11. a) What impact, if any, could the proposed activity have on adjacent properties and their uses. State whether any noise, glare, fumes smoke, dust, odors, or other affects will be generated. **None**
- b) Describe the anticipated extent of these impacts and how you intend to buffer or reduce them to a level acceptable to adjacent properties. **NA**
12. a) What is the approximate percentage of slope of the land? **30% slope behind the building, water level in the restoration area.**

- b) What are the nature of the soils? **Glacial till-sand, clay, gravel**
- c) What is the nature and extent of the existing vegetation on the site of development or use? **Legacy trees and underbrush**

- 13. a) What is the nearest waterbody (lake, pond, stream, or brook)? **Lovejoy Pond (Fayette)**
 - b) What is the least distance between the waterbody and the project site? **Some supporting posts are in the water at high water mark.**
 - c) What part of your project could impact one of these waterbodies? **See above**
 - d) How do you intend to minimize this impact? **Restore the historic shoreline and install anti-erosion rip-rap to preserve the repair.**
14. How do you intend to provide for the adequate disposal of sewage and wastewater in order to comply with the requirements of the State Plumbing Code? **NA**
15. Describe or illustrate on a separate paper how you intend to control and manage any additional stormwater resulting from this project or use. You may reference the publication, "Stormwater Management for Maine, Best Management Practices" published by the Department of Environmental Protection (1995) and which is available for reference at the Town Office. **NA**

NOTE: If the project results in 20,000 sq. ft. or more of impervious area in the Maranacook Lake watershed or more than one (1) acre in the other lake watersheds, or more than five (5) acres of disturbed area in either watershed, a Stormwater Management permit from the Department of Environmental Protection will be required.

16. What will your water requirements be for this use and what will be your water source? **NA**
17. What types and amount of additional traffic do you expect as a result of this use? **NA**
18. What are your plans for permanent access to the site of the proposed use? **No change**
19. Does your proposed development or use cross the Readfield town line?
If so, into which town? **NA**
How will you avoid causing unreasonable traffic congestion or unsafe conditions as related to the use of that town's public ways? **NA**
20. What is the estimated depth-to-frontage ratio of the lots you propose to create or develop?
NA
21. Has a representative of the Readfield Fire Department reviewed your proposal? **NA**
22. Are there currently any enforceable land use violations associated with this property? **No**
23. If your project involves the construction of a road has the road design been approved by the Road Committee? **NA**

Required Submittals

(Per Article 6, Section 3.I.2)

Done 1. Copy of the portion of applicable tax map showing subject property, abutting properties and boundaries of all contiguous property under the control of the owner or applicant, regardless of whether all or part is being developed at this time.

Done 2. Names and mailing addresses of all property owners abutting the proposed development. (Abutters are the owners of any parcels with one or more common boundaries or points, as well as property owners of any parcel located directly across any road, railroad or stream along the road, railroad or stream from the parcel involved in the application. Also included is any Qualified Conservation Holder of an easement in any of these parcels).

Done 3. Exact direction to the property from the Town Office, using a map if necessary.

Done 4. The Assessor's tax map and lot numbers of the parcels.

___ 5. A copy of the deed to the property or other documentation to demonstrate right, title or interest in the property on the part of the applicant.

___ 6. The name, registration number and seal of the land surveyor, architect, engineer and/or similar professional who prepared any plan.

___ 7. Map showing the north bearing and lot dimensions of all property lines of the property to be developed and the source of this information.

___ 8. Site plan(s) illustrating the following: (Note: If the site plan is not drawn to scale, then specific distances identifying the relative locations of the following features must be shown on the plan).

culverts and drains that will serve the development whether on or off the property along with the direction of existing and proposed surface water drainage across the site. **None**

b) The location, names, and present and proposed widths of existing and proposed roads, driveways, streets, parking and loading areas, walkways and rights-of-way within or adjacent to the proposed development. **Menatoma Camp Road-restricted unimproved track passes 12 feet in front of structure**

c) The location and dimensions of all existing and proposed buildings and structures on the site, including underground storage tanks.

d) The location of intersecting roads or driveways within 200 hundred feet of the site. **None**

e) The location of existing and proposed open drainage courses, wetlands, water bodies, floodplains, stands of trees, and other important natural features, with a description of such features to be retained. **On map**

f) The location and dimensions of any existing and proposed easements. **None**

g) The location and dimensions of all existing and proposed provisions for water supply and wastewater disposal systems, including a design copy or letter of soils suitability for any proposed new or replacement wastewater disposal systems. **None**

h) The location and dimensions of all existing and proposed signs. **None**

i) For any project which shall result in a change to exterior lighting, the location, height, and type of existing and proposed exterior lighting and, for commercial, industrial and institutional projects, the foot-candle intensities of proposed

- lighting projecting on abutting properties. **None**
- j) The proposed landscaping and buffering. **Restored as current, please note photos**
- k) The location and amount of any earth-moving. **None**
- l) A copy of all existing or proposed covenants or deed restrictions associated with the subject property.
- Done** 9. A copy of any applicable Federal, State or Town applications or permits which have been issued.
- __ ?** 10. A narrative describing how the proposal meets all of the Planning Board's Review Criteria.
- Done** 11. Evidence of receipt of application fee paid to the Town of Readfield.
- Done** 12. A schedule of construction, including anticipated beginning and completion dates. **Work is scheduled to begin after Labor Day, 2023 to be completed within 1 month thereafter.**
- Done** 13. A stormwater drainage and erosion and control plan in compliance with Article 8, Sections 10 and 11. **Our contractor is shoreland certified and uses a fabric retainer and erosion control mulch mix according to best practices**
- Done** 14. A description of the traffic movement to be generated by the development including types, peak hour and average daily vehicle trips, travel routes, and duration of traffic movement both during and following construction. A full traffic impact study shall be required under the conditions set forth in Article 8, Section 18.H, and shall include the components described therein. **Truck traffic will be minimal since the tree roots demand as little excavation as possible and the concrete volume will not be significant.. Travel will be on the private camp road, the Lane Road, and P Ridge Rd. to State route 17.**
- Done** 15. An assessment of the solid or hazardous wastes to be generated by the proposed activity and a plan for its handling and disposal, along with evidence of disposal arrangements. **No hazardous waste will be generated by this project. Soil and a demolished concrete slab will be disposed of at the contractor's stockpile.**
- __** 16. A copy of any required dimensional calculations applicable to the standards being reviewed, for example, square footage of structures, percent of lot coverage, etc. **Building size is 33'WX22'6" Lot size ???**
- Done** 17. Elevation drawings for new commercial, industrial, and institutional buildings. **NA**
- Done** 18. Any additional information relevant to the project, for example, photographs, Cobbossee Watershed District recommendations, etc. **Photos are part of the PBR application attached.**



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

MAINE GENERAL PERMITS (GPs)
AUTHORIZATION LETTER AND SCREENING SUMMARY

Richard Tarbuck
Menatoma Association
119 North Rd
Readfield, ME 04355

CORPS PERMIT # NAE-2022-02882
CORPS GP(s) # 7
STATE ID# _____

DESCRIPTION OF WORK:

To place approximately 300 s.f. of permanent fill below the ordinary high-water mark of Lovejoy Pond in conjunction with a 60 linear foot bank stabilization project off Menatoma Camp Road in Readfield, Maine. This work is described on the attached plans entitled "Menatoma Association Shoreline Stabilization Project NAE-2022-02882" shown on four (4) sheets undated. See Conditions

LAT/LONG COORDINATES: 44.393140° N -70.021280° W USGS QUAD: FAYETTE, MAINE

I. CORPS DETERMINATION:

Based on our review of the information you provided, we have determined that your project will have only minimal individual and cumulative impacts on waters and wetlands of the United States. Your work is therefore authorized by the U.S. Army Corps of Engineers under the Federal Permit, the Maine General Permit which can be found at: <https://www.nae.usace.army.mil/Missions/Regulatory/State-General-Permits/>. Accordingly, we do not plan to take any further action on this project.

You must perform the activity authorized herein in compliance with all the terms and conditions of the GP(s) [including any attached Additional Conditions and any conditions placed on the State 401 Water Quality Certification including any required mitigation]. Please review the GP(s) carefully, including the GP(s) conditions beginning on page 5, to familiarize yourself with its contents. You are responsible for complying with all of the GP(s) requirements; therefore you should be certain that whoever does the work fully understands all of the conditions. You may wish to discuss the conditions of this authorization with your contractor to ensure the contractor can accomplish the work in a manner that conforms to all requirements.

If you change the plans or construction methods for work within our jurisdiction, please contact us immediately to discuss modification of this authorization. This office must approve any changes before you undertake them.

Condition 45 of the GP(s) (page 19) provides one year for completion of work that has commenced or is under contract to commence prior to the expiration of the GP(s) on October 14, 2025. You will need to apply for reauthorization for any work within Corps jurisdiction that is not completed by October 14, 2026.

This authorization presumes the work shown on your plans noted above is in waters of the U.S. Should you desire to appeal our jurisdiction, please submit a request for an approved jurisdictional determination in writing to the undersigned.

No work may be started unless and until all other required local, State and Federal licenses and permits have been obtained. **This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.**

II. STATE ACTIONS: PENDING [], ISSUED [], DENIED [] DATE _____

APPLICATION TYPE: PBR: _____ TIER 1: _____, TIER 2: _____, TIER 3: _____; INDIV _____ LURC: _____ DMR LEASE: _____ NA: _____

III. FEDERAL ACTIONS:

JOINT PROCESSING MEETING: N/A LEVEL OF REVIEW: Self-Verification: _____ Pre-Construction Notification: X

AUTHORITY (Based on a review of plans and/or State/Federal applications): SEC 10 _____, 404 X 10/404 _____, 103 _____

EXCLUSIONS: The exclusionary criteria identified in the general permit do not apply to this project.

FEDERAL RESOURCE AGENCY OBJECTIONS: EPA NO, USF&WS NO, NMFS NO

If you have any questions on this matter, please contact my staff at 207-623-8367 at our Augusta, Maine Project Office. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>

Digitally signed by Heather S. Stukas
Date: 2023.02.03 11:12:49 -05'00'

HEATHER S. STUKAS
PROJECT MANAGER
MAINE PROJECT OFFICE

Digitally signed by SHAWN B. MAHANEY
Date: 2023.02.03 11:21:32 -05'00'

For: FRANK J. DEL GIUDICE
CHIEF, PERMITS & ENFORCEMENT BRANCH
REGULATORY DIVISION



**US Army Corps
of Engineers**[®]
New England District

**PLEASE NOTE THE FOLLOWING
GENERAL & SPECIAL CONDITIONS FOR
DEPARTMENT OF THE ARMY
GENERAL PERMIT 7
NO. NAE-2022-02882**

15. Historic Properties.

15(e). If the permittee discovers any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by these permits, the permittee shall immediately notify the district engineer of what was found, and avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

18. Aquatic Life Movements and Management of Water Flows.

18(a). No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. Unless otherwise stated, activities permanently impounding water in a stream require a PCN to ensure impacts to aquatic life species are avoided and minimized. All permanent and temporary crossings of waterbodies and wetlands shall be: (i) Suitably spanned, bridged, culverted, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species; and (ii) Properly aligned and constructed to prevent bank erosion or streambed scour both adjacent to and inside the crossing.

18(d). To the maximum extent practicable, the preconstruction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows. The activity shall not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g. stream restoration or relocation activities).

22. Invasive and Other Unacceptable Species.

22(a). The introduction or spread of invasive or other unacceptable plant or animal species on the project site or areas adjacent to the project site caused by the site work shall be avoided to the maximum extent practicable. For example, construction mats and equipment shall be thoroughly cleaned and free of vegetation and soil before and after use. The introduction or spread of invasive plant or animal species on the project site caused by the site work shall be controlled.

22(b). No cultivars, invasive or other unacceptable plant species may be used for any mitigation, bioengineering, vegetative bank stabilization or any other work authorized by these GPs. However, non-native species and cultivars may be used when it is appropriate and specified in a written verification, such as using *Secale cereale* (Annual Rye) to quickly stabilize a site. All PCNs shall justify the use of non-native species or cultivars.

22(c). For the purposes of these GPs, plant species that are considered invasive and unacceptable are provided in Appendix K "Invasive and Other Unacceptable Plant Species" of the most recent "New England District Compensatory Mitigation Guidance" and is found at: www.nae.usace.army.mil/Missions/Regulatory/Mitigation The June 2009 "U.S. Army Corps of Engineers Invasive Species Policy" provides policy, goals and objectives and is located at www.nae.usace.army.mil/Missions/Regulatory/Invasive-Species If an Invasive Species Control/Management Plan has been prepared it should be included with any SV or PCN.

23. Soil Erosion, Sediment, and Turbidity Controls.

23(a). Adequate sedimentation and erosion control management measures, practices and devices, such as phased construction, installation of sediment control barriers (i.e. silt fence, vegetated filter strips, geotextile silt fences, erosion control mixes, hay bales or other devices) downhill of all exposed areas, retention of existing vegetated buffers, application of temporary mulching during construction, and permanent seeding and stabilization shall be installed and properly maintained to reduce erosion and retain sediment on-site during and after construction. They shall be capable of preventing erosion; of collecting sediment, suspended and floating materials; and of filtering fine sediment.

23(b). Temporary sediment control barriers shall be removed upon completion of work, but not until all disturbed areas are permanently stabilized. The sediment collected by these sediment barriers shall be removed and placed at an upland location and stabilized to prevent its later erosion into a waterway or wetland.

23(c). All exposed soil and other fills shall be permanently stabilized at the earliest practicable date.

33. Permit(s)/Authorization Letter On-Site. The permittee shall ensure that a copy of the terms and conditions of these GPs and any accompanying authorization letter with attached plans are at the site of the work authorized by these GPs whenever work is being performed and that all construction personnel performing work which may affect waters of the U.S. are fully aware of the accompanying terms and conditions. The entire permit authorization shall be made a part of any and all contracts and subcontracts for work that affects areas of Corps jurisdiction at the site of the work authorized by these GPs. This shall be achieved by including the entire permit authorization in the specifications for work. The term “entire permit authorization” means all terms and conditions of the GPs, the GPs, and the authorization letter (including its drawings, plans, appendices and other attachments) and subsequent permit modifications as applicable. If the authorization letter is issued after the construction specifications, but before receipt of bids or quotes, the entire permit authorization shall be included as an addendum to the specifications. If the authorization letter is issued after receipt of bids or quotes, the entire permit authorization shall be included in the contract or subcontract. Although the permittee may assign various aspects of the work to different contractors or subcontractors, all contractors and subcontractors shall be obligated by contract to comply with all environmental protection provisions contained within the entire GP authorization, and no contract or subcontract shall require or allow unauthorized work in areas of Corps jurisdiction.

34. Inspections. The permittee shall allow the Corps to make periodic inspections at any time deemed necessary in order to ensure that the work is eligible for authorization under these GPs, is being, or has been performed in accordance with the terms and conditions of these GPs. To facilitate these inspections, the permittee shall complete and return to the Corps the Work-Start Notification Form and the Compliance Certification Form when either is provided with an authorization letter. The Corps may also require post-construction engineering drawings and/or photographs for completed work or post-dredging survey drawings for any dredging work to verify compliance.

Special Conditions

1. In-water construction work shall be conducted “in-the-dry” under no-‘flow’ conditions or by using cofferdams, temporary flume pipes, culverts, etc. In event of a precipitation, all work shall cease until the site is stable and the potential for erosion is diminishable.



**US Army Corps
of Engineers**®
New England District

WORK-START NOTIFICATION FORM
(Minimum Notice: Two weeks before work begins)

EMAIL TO: heather.s.stukas@usace.army.mil or cenae-r@usace.army.mil; or

MAIL TO: Heather Stukas
Regulatory Division
U.S. Army Corps of Engineers, New England District
696 Virginia Road
Concord, Massachusetts 01742-2751

Corps of Engineers Permit No. NAE-2022-02882 was issued to Menatoma Association c/o Richard Tarbuck. This work authorized the placement of approximately 300 s.f. of permanent fill below the ordinary high-water mark of Lovejoy Pond in conjunction with a 60 linear foot bank stabilization project off Menatoma Camp Road in Readfield, Maine.

The people (e.g., contractor) listed below will do the work, and they understand the permit's conditions and limitations.

PLEASE PRINT OR TYPE

Name of Person/Firm: _____

Business Address: _____

Phone & email: () _____ () _____

Proposed Work Dates: **Start:** _____ **Finish:** _____

Permittee/Agent Signature: _____ **Date:** _____

Printed Name: _____ **Title:** _____

Date Permit Issued: _____ **Date Permit Expires:** _____

FOR USE BY THE CORPS OF ENGINEERS

PM: _____ **Stukas** **Submittals Required:** _____

Inspection Recommendation: _____ random compliance inspections



**US Army Corps
of Engineers**®
New England District

(Minimum Notice: Permittee must sign and return notification
within one month of the completion of work.)

COMPLIANCE CERTIFICATION FORM

Permit Number: NAE-2022-02882

Name of Permittee: Menatoma Association c/o Richard Tarbuck

Permit Issuance Date: _____

Please sign this certification and return it to the following address upon completion of the activity and any mitigation required by the permit. You must submit this after the mitigation is complete, but not the mitigation monitoring, which requires separate submittals.

```

*****
* MAIL TO: U.S. Army Corps of Engineers, New England District      *
*           Permits and Enforcement Branch C                       *
*           Regulatory Division                                     *
*           696 Virginia Road                                       *
*           Concord, Massachusetts 01742-2751                     *
*****

```

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit was completed in accordance with the terms and conditions of the above referenced permit, and any required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

Printed Name

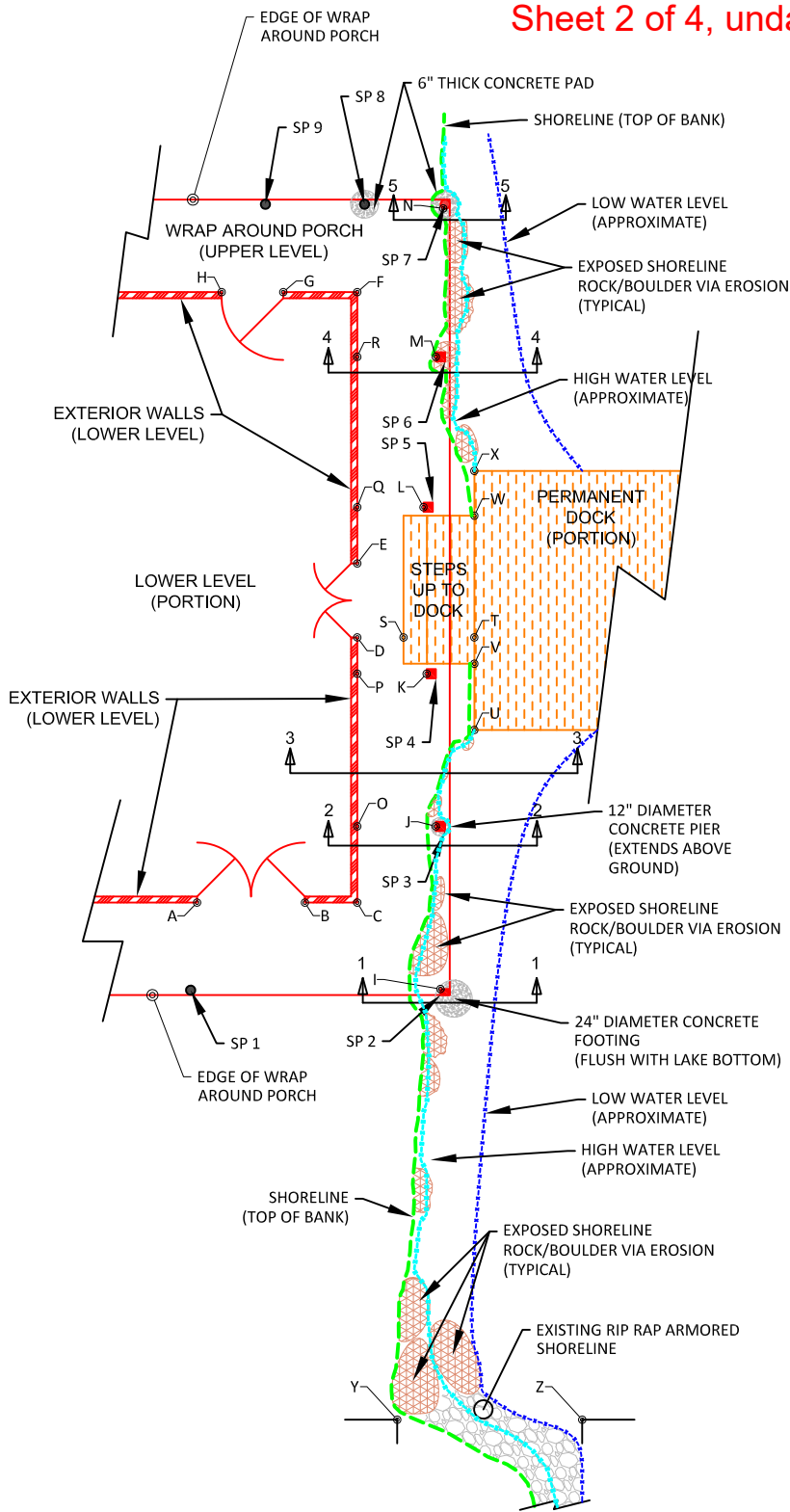
Date of Work Completion

() _____
Telephone Number

() _____
Telephone Number

Menatoma Association Shoreline Stabilization Project
NAE-2022-02882
Sheet 1 of 4, undated





DISTANCE MEASUREMENTS

- A-B = 5' 10"
- B-C = 2' 10"
- C-D = 14' 4"
- D-E = 4'
- E-F = 14' 8"
- F-G = 4'
- G-H = 3' 4"
- I-J = 8' 8"
- J-K = 8'
- K-L = 8" 3"
- L-M = 8' 6"
- M-N = 8'
- B-I = 6' 6"
- O-J = 4' 9"
- P-K = 4' 4"
- D-S = 2' 6"
- D-T = 6' 4"
- S-T = 3' 10"
- Q-L = 4' 1"
- R-M = 4' 9"
- F-N = 6' 7"
- V-W = 8'
- U-X = 14'
- I-Y = 28'
- Y-Z = 10'

SUPPORT POSTS

- SP 1 = CEDAR TREE TRUNK
- SP 2 = 4X6 PRESSURE TREATED POST
- SP 3 = 6X6 PRESSURE TREATED POST
- SP 4 = 6X6 PRESSURE TREATED POST
- SP 5 = 6X6 PRESSURE TREATED POST
- SP 6 = 6X6 PRESSURE TREATED POST
- SP 7 = CEDAR TREE TRUNK
- SP 8 = CEDAR TREE TRUNK
- SP 9 = CEDAR TREE TRUNK

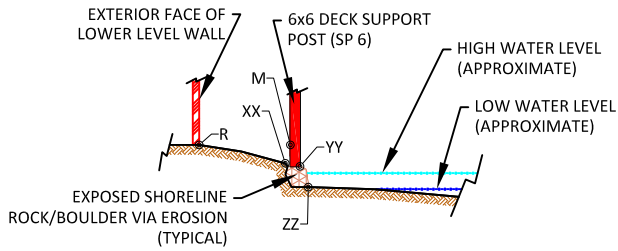
GRAPHIC SCALE

1 INCH = 10 FEET

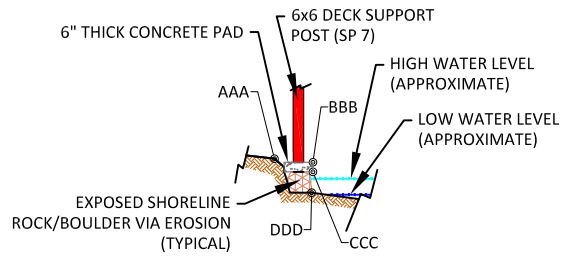


**EXISTING CONDITIONS
PLAN VIEW**

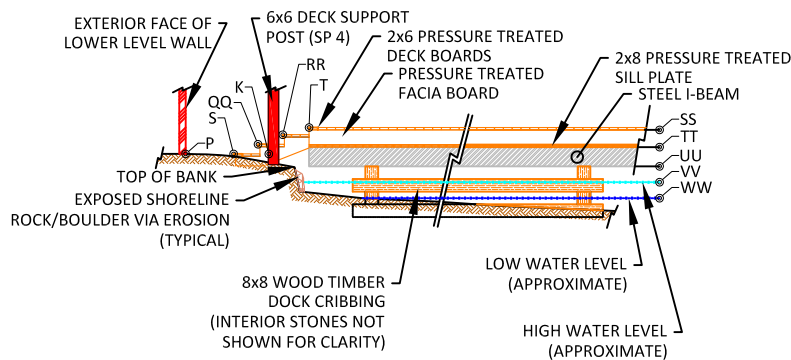
Menatoma Association Shoreline Stabilization Project
 NAE-2022-02882
 Sheet 3 of 4, undated



SECTION 4-4



SECTION 5-5



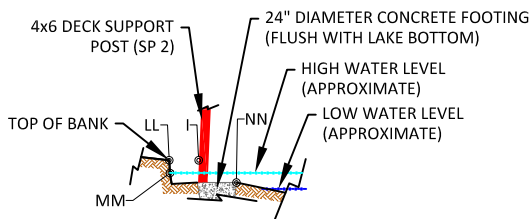
SECTION 3-3

VERTICAL DISTANCE MEASUREMENTS

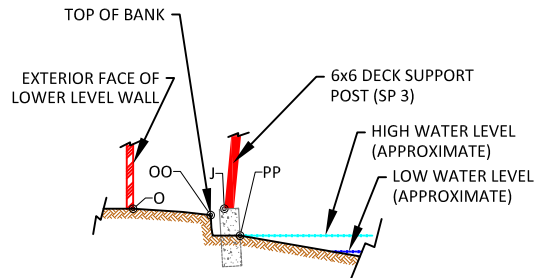
- LL-MM = 8"
- MM-NN = 5"
- J-OO = 4"
- J-PP = 1' 5"
- OO-PP = 1' 1"
- S-QQ = 6"
- QQ-RR = 6"
- RR-T = 6"
- SS-TT = 11"
- TT-UU = 1"
- UU-VV = 1' 1"
- VV-WW = 10"
- XX-YY = 2"
- YY-ZZ = 1' 1"
- AAA-BBB = 2"
- BBB-CCC = 6"
- CCC-DDD = 1' 5"

HORIZONTAL DISTANCE MEASUREMENTS

- LL-I = 1' 6"
- O-J = 4' 9"
- P-S = 2' 6"
- P-K = 4' 4"
- P-T = 6' 4"
- R-M = 4' 9"



SECTION 1-1



SECTION 2-2

GRAPHIC SCALE

1 INCH = 10 FEET

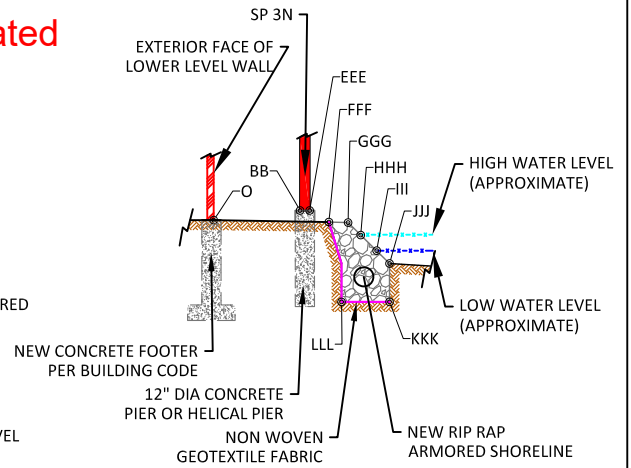
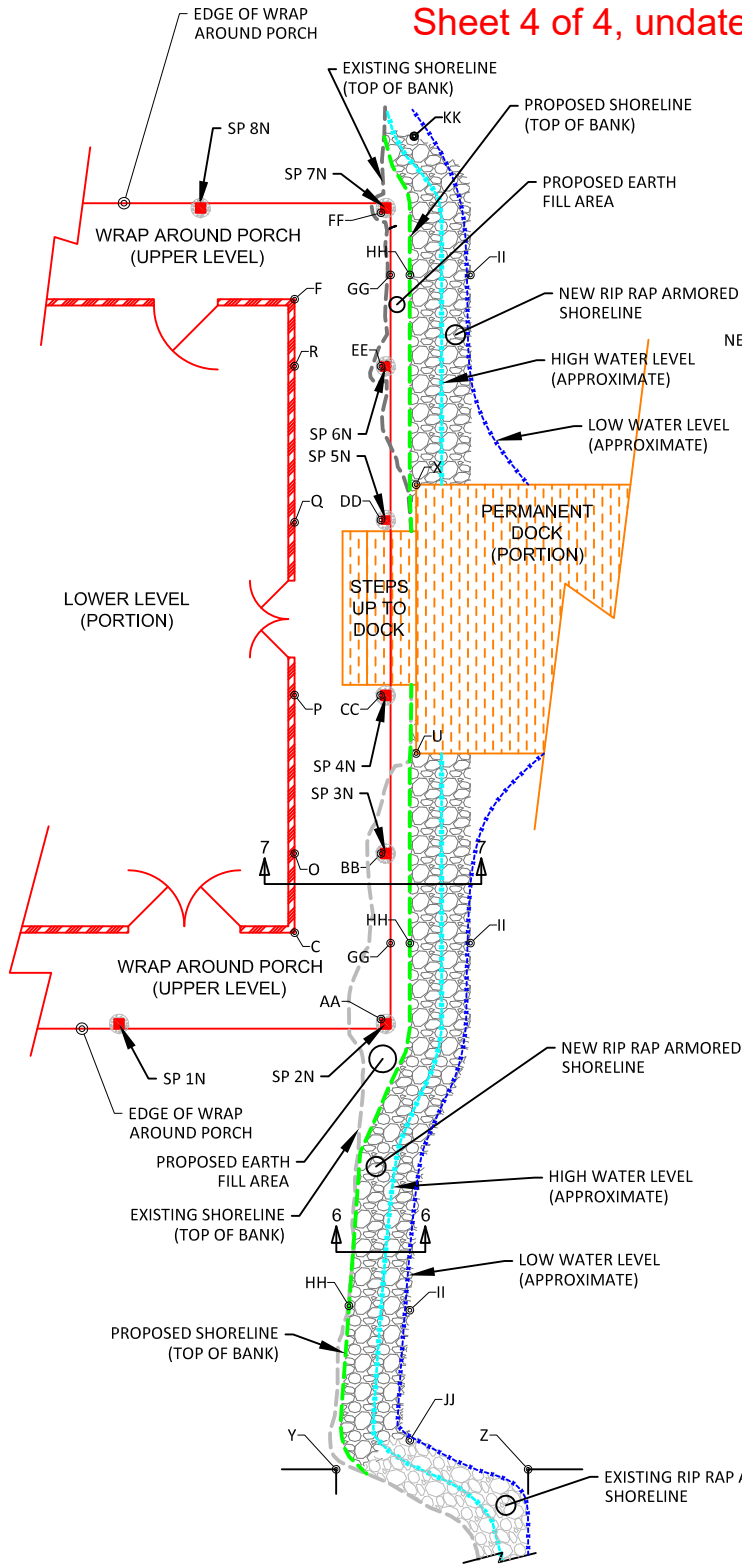


**EXISTING CONDITIONS
SECTION VIEWS**

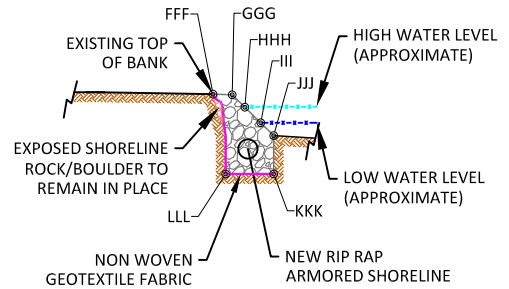
Menatoma Association Shoreline Stabilization Project

NAE-2022-02882

Sheet 4 of 4, undated



SECTION 7-7



SECTION 6-6

VERTICAL DISTANCE MEASUREMENTS

- EEE-FFF = 1'
- GGG-HHH = 8" (APPROX)
- HHH-III = 10" (APPROX)
- III-JJJ = 8" (APPROX)
- JJJ-KKK = 2'

HORIZONTAL DISTANCE MEASUREMENTS

- C-AA = 6' 4"
- AA-BB = 8'
- BB-CC = 8'
- O-BB = 4' 6"
- P-CC = 4' 6"
- Q-DD = 4' 6"
- R-EE = 4' 6"
- F-FF = 6' 4"
- FF-EE = 8'
- EE-DD = 8'
- GG-HH = 1'
- HH-II = 3' 2"
- GG-II = 4' 2"
- U-JJ = 35' 9"
- Y-JJ = 4' 2"
- X-KK = 18' 2"
- O-FFF = 6'
- EEE-FFF = 1'
- FFF-GGG = 1'
- LLL-KKK = 2' 6" (MIN)
- FFF-JJJ = 3' 2"

SUPPORT POSTS
 ALL NEW SUPPORT POSTS (SP #N) ARE TO BE 6"x6" PRESSURE TREATED AND PLACED ON EITHER A 12" DIAMETER CONCRETE PIER OR A HELICAL PIER

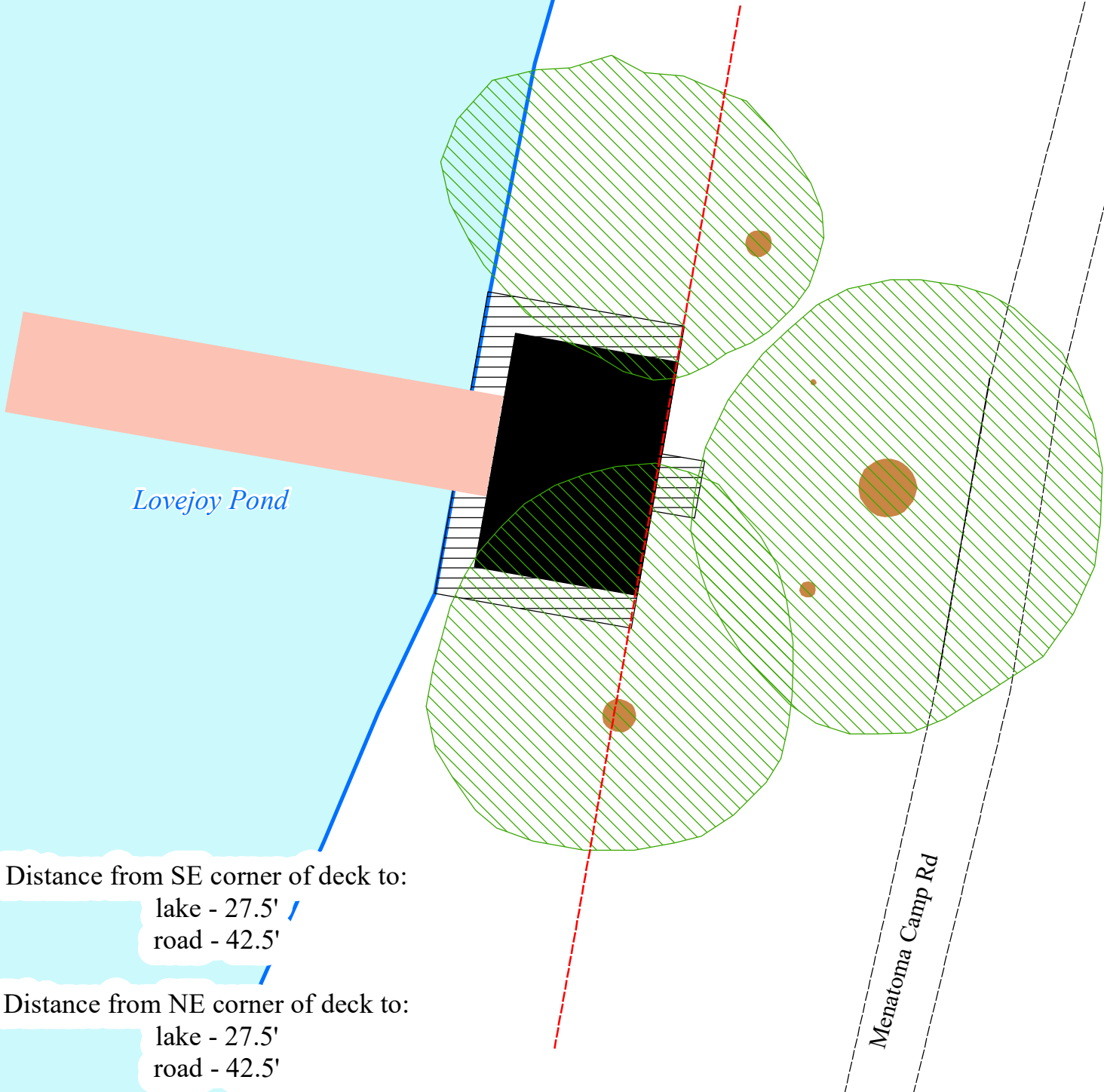
GRAPHIC SCALE

1 INCH = 10 FEET



PROPOSED CONDITIONS PLAN & SECTION VIEWS






MENATOMA CRAFT BUILDING

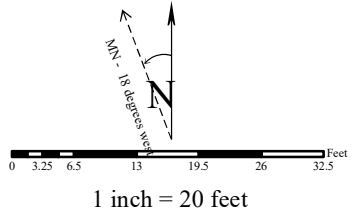


Distance from SE corner of deck to:
 lake - 27.5' /
 road - 42.5'

Distance from NE corner of deck to:
 lake - 27.5'
 road - 42.5'

Legend

-  dock - 14' X 66'
-  craft building - 22.5' X 32.5'
-  covered decks - 27.5' X 42.5'
-  tree trunk at ground level
-  tree canopy; likely root extent



 **Two Trees Forestry**
 Consulting Foresters
 Winthrop, Maine
 HK Burnett, LF 993 - May 2023

PANEL
23001C0075E
eff. 7/8/2013

PANEL
23011C0294D
eff. 6/16/2011

National Flood Hazard Layer FIRMette

70°13'5"W / 44°23'48"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN *Zone X*
- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRS
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



70°0'58"W 44°23'22"N



Basemap: USGS National Map. Orthoimagery: Data refreshed October 2020

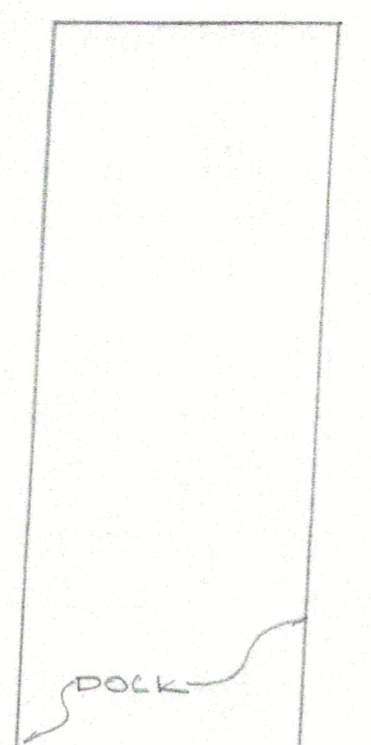
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/28/2023 at 2:06 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

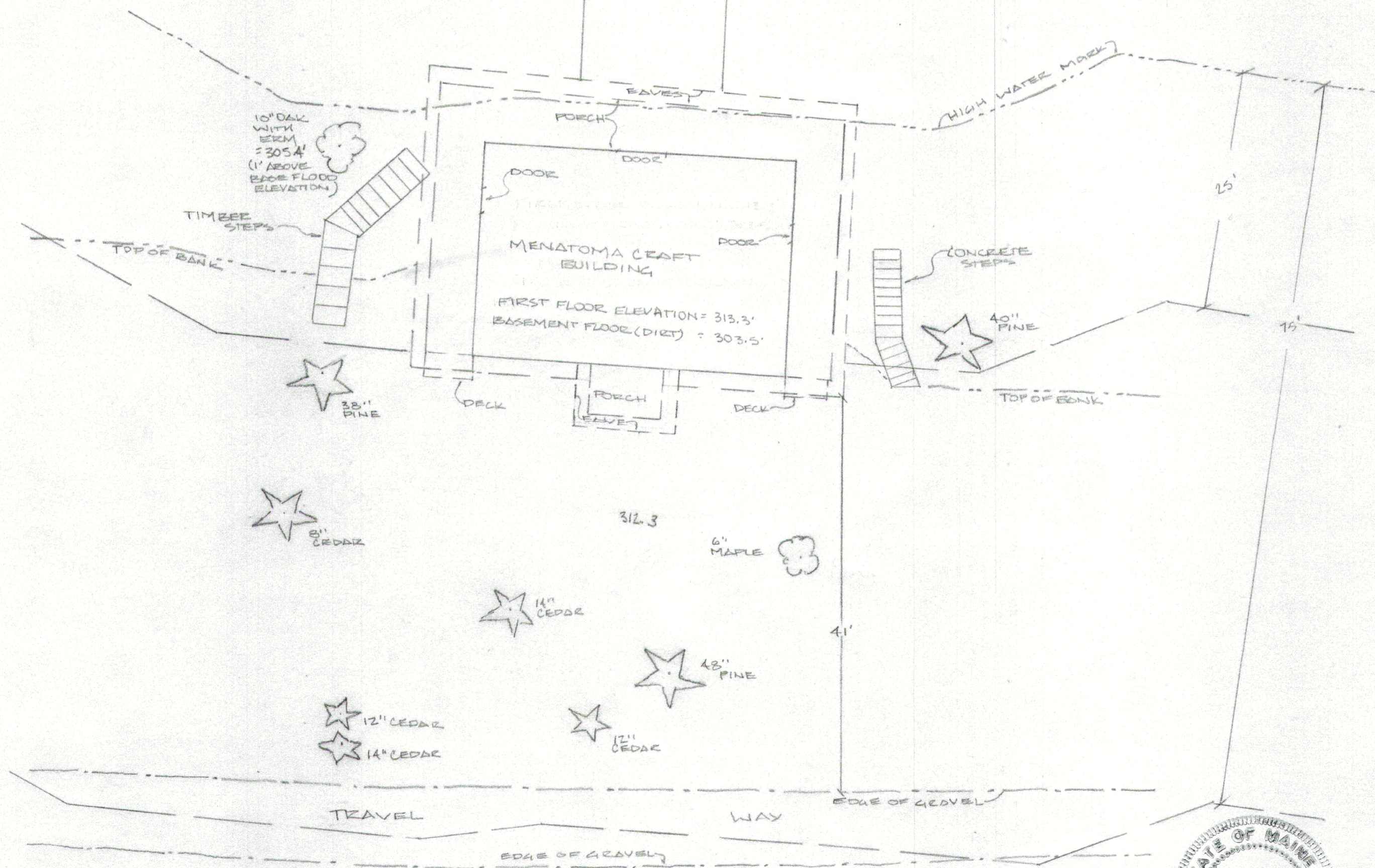
MAGNETIC 2023

LOVEJOY



POND

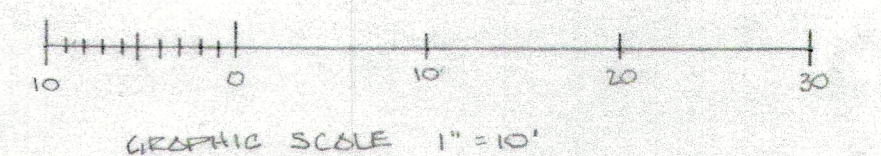
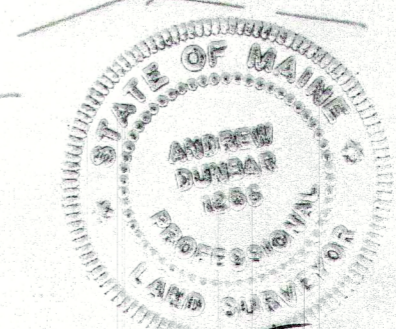
WATER ELEVATION 5-27-2023 = 301.7' NAVD 88
 BASE FLOOD ELEVATION = 304.4 NAVD 88



IMPERVIOUS AREA
 STRUCTURE FOOTPRINT: 1407 SQ. FT.
 STEPS: 113 SQ. FT.
 TOTAL: 1520 SQ. FT.

ELEVATION REFERENCE MARK (ERM):
 MAG. NAIL IN BASE 10" OAK (SET
 1' ABOVE BASE FLOOD ELEVATION) =
 305.4' NAVD 88

SITE SKETCH
 CAMP MENATOMAS CRAFT BUILDING
 LOVEJOY POND
 READFIELD, KENNEBEC COUNTY, MAINE
 22 MAY 2023 1" = 10'
 BY THAYER ENGINEERING COMPANY, INC
 PROJECT NO. 0302A1



Andrew Sumner June 9, 2023

**LOCAL APPLICATION FOR A PERMIT
TO DEVELOP IN A FLOOD HAZARD AREA**

The undersigned hereby makes application for a permit to develop in a designated flood hazard area. The work to be performed is described below and in attachments hereto. The undersigned agrees that all such work shall be done in accordance with the requirements of the Floodplain Management Ordinance of the Town of Readfield and with all other applicable local, state, and federal regulations.

Owner's Name Menotomy Association
Richard Tarbuck Builder's Name Scott Horne
Herne Construction (DEP # 2543)
Address 119 North Road, Readfield Address 43 Seavoy Corner Rd., Mt Vernon, ME 04352
Telephone 207-685-4212 Telephone 207-242-6111
Email janandwoody@gmail.com Email horneconst@hotmail.com

A. Description of Work (check appropriate boxes). Note: All references to elevations in mean sea level.

1. Proposed Development Description:

- New Construction
- Alteration or Repair
- Filling
- Grading
- Dredging
- Manufactured Home
- Historic Home

2. Size and location of proposed development: Stabilize circa 1920s "Craft Building" with rear concrete wall and replace posts.

3. Is the proposed development in an identified floodway? Yes No

4. If yes, has a No-Rise Certification been obtained? Please attach. Yes No

5. What is the zone and panel number in the area of the proposed development (as identified on the FIRM, FHBM)? Zone AE Panel # 23011C0294D

6. Type of Construction:

- New Construction
- Addition
- Accessory Structure
- New Non-Residential
- Improvement to Existing Structure
- Temporary Structure

7. Base Flood Elevation (BFE) of site? 304.4' feet MSL. NAVD 88

8. Required lowest floor elevation (including basement)? 313.3' feet MSL. NAVD 88 First Floor
303.5' " " Partial Dirt Floor Basement

9. Elevation to which all attendant utilities, including all heating and electrical equipments will be installed or floodproofed at 313.3 feet MSL. *NAVD 88*
10. Will the proposed development require the alteration of any water courses?
Yes No

B. Alterations, additions, or improvements to an existing structure:

1. What is the estimated market value of the existing structure? \$ 200,000. +
2. What is the cost of the proposed construction? \$ 80,000.
3. If the cost of the proposed construction equals or exceeds 50% of the market value of the structure, then the substantial improvement requirements apply.

NA C. Non-Residential Construction:

1. Type of flood protection method? Elevation Floodproofing
2. If the structure is floodproofed, the required floodproofing elevation is _____ feet MSL.

NA D. Subdivisions:

1. Does this subdivision or other development contain 50 lots or 5 acres (whichever is less)?
Yes No
2. If yes, flood elevation data is needed by the developer. Yes No

ADMINISTRATIVE

1. Proposed Development:

- a. Must comply with all applicable flood damage prevention standards.
- b. Is exempt from flood damage prevention standards. Attach explanation.
2. Filing Fee \$ 25 Date Paid 6/21/23
3. Permit issue date 6/21/23
4. Work Inspected by _____ Date _____
5. Certificate of Compliance for as-built construction issued on _____
6. Permit denied on _____, Reasons: _____
-

7. As-Built elevation of lowest floor? _____ feet MSL. Attach elevation certificate.
8. As-Built floodproofing elevation? _____ feet MSL. Attach floodproofing certificate.

9. Appeals:

- a. Appealed to the _____, Date of appeal _____
- b. Appeal heard on _____
- c. Appeal decision of the Board _____
-

Applicant's Signature *Andrew Dunbar* Date June 20, 2023

Local Administrator Signature *Andrew Dunbar PLS (Agent)* Date 6/21/23

EROSION & SEDIMENTATION CONTROL PLAN

Menatoma Association Craft Building, Readfield, Maine

Thayer Engineering Co., Inc.
June 22, 2023

CONSTRUCTION EROSION CONTROL MEASURES

PROPOSED SCHEDULE FOR IMPLEMENTATION OF EROSION & SEDIMENTATION CONTROL MEASURES

- (1) Prior to any earth-moving, grubbing demolition or construction activities, erosion control mix filter barriers shall be installed;
- (2) The erosion control mix filter barriers shall be inspected and repaired, as needed, throughout the entire construction period.
- (3) The topsoil shall be removed or stockpiled on-site. Erosion control mix filter barriers shall be installed around the stockpiles;
- (4) The site shall be rough-graded and stabilized against erosion as called for in this plan;
- (5) Immediately following final grading, all graded or disturbed areas not to be graveled are to be spread with a minimum compacted depth of 4 inches of bark mulch to provide a permanent cover. On areas of steep slopes (2:1 and steeper), mulch matting shall be installed.
- (6) The erosion control mix filter barriers shall remain in place until all areas have been permanently stabilized. It will be the responsibility of the applicant to properly remove the filter barriers and to remove and properly dispose of the collected sediment once the site has been permanently stabilized.

MAINTENANCE OF EROSION & SEDIMENTATION CONTROL MEASURES

- (1) Erosion control mix filter barriers shall be inspected weekly and/or after any sustained rainstorm for undercutting, overtopping, gaps, or sediment buildup. Should the barriers not be functioning properly they shall immediately be repaired or replaced and sediment removed as necessary. Any sediment removed shall be spread and stabilized in areas on the site not subject to erosion. If additional barriers are found to be necessary, they shall be installed immediately;

During active construction, "SiltSoxx"-type barriers shall be employed immediately downslope of each area being actively worked until that particular area has been stabilized.

- (2) Mulched areas shall be inspected weekly and prior to any storm event for insufficient coverage (less than 90% coverage) and, if necessary, immediately be brought into conformance with the specifications of this Plan.

DESCRIPTIONS OF EROSION CONTROL MEASURES

Erosion Control Mix Filter Barriers

Description

Erosion control mix filter barriers shall be used as a sediment barrier to intercept and retain small amounts of sediment from disturbed or unprotected areas of limited extent. The erosion control mix filter barriers shall conform to the materials and installation specifications as set forth in the “Maine Erosion and Sediment Control Handbook for Construction: Best Management Practices” published by the Maine DEP (BMPs).

Maintenance

The erosion control mix filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

The erosion control mix filter barrier shall be replaced promptly when it decomposes or becomes ineffective before the barrier is no longer necessary.

A second line of erosion control mix filter barrier shall be installed if the sediment level reaches one-half the height of the first barrier.

The erosion control mix filter barriers shall be removed or spread on the grounds when no longer needed, and the sediment collected shall be properly disposed of in a manner that will not damage adjacent properties or water bodies.

Mulch

Description

Hay mulch shall be used to temporarily stabilize exposed soil.

Bark mulch shall be used on all areas of bare soil not brought to final grade within one week.

The installation of temporary hay mulching (application rates, depths and timing, quality standards and maintenance) shall conform to the specifications as set forth in the BMPs.

The installation of final bark mulching (application rates, depths and timing, quality standards and maintenance) shall conform to the specifications as set forth in the BMPs.

Erosion Control Mix and Bark Mulch Composition

Bark mulch and erosion control mix shall contain a well-graded mixture of particle sizes and may contain rocks less than 2" in diameter. Erosion control mix must be free of refuse, physical contaminants, and material toxic to plant growth. The mix composition shall meet the following standards:

The organic matter content shall be between 80% and 100%, dry weight basis;

Particle size by weight shall be 100% passing a 6" screen and a minimum of 70%, maximum of 85%, passing a 0.75" screen;

The organic portion needs to be fibrous and elongated;

Large portions of silts, clays or fine sands are not acceptable in the mix;

Soluble salts content shall be < 4.0 mmhos/cm.; and

The ph should fall between 5.0 and 8.0.

Mulch Matting

Description

Mulch matting shall consist of straw, coconut or excelsior sandwiched between photodegradable netting. Matting shall be used as follows:

- (1) in the base of swales with greater than 5% pitch;
- (2) on steep slopes where rilling may occur;
- (3) in any sensitive areas subject to erosion or as indicated on plans;
- (4) on any disturbed or newly graded slopes 2:1 and steeper; and
- (5) where straw mulch has been determined to be ineffective based on observations made in

the field, or as directed by the Readfield Code Enforcement Officer.

Mulch matting shall be installed in accordance with the BMPs.

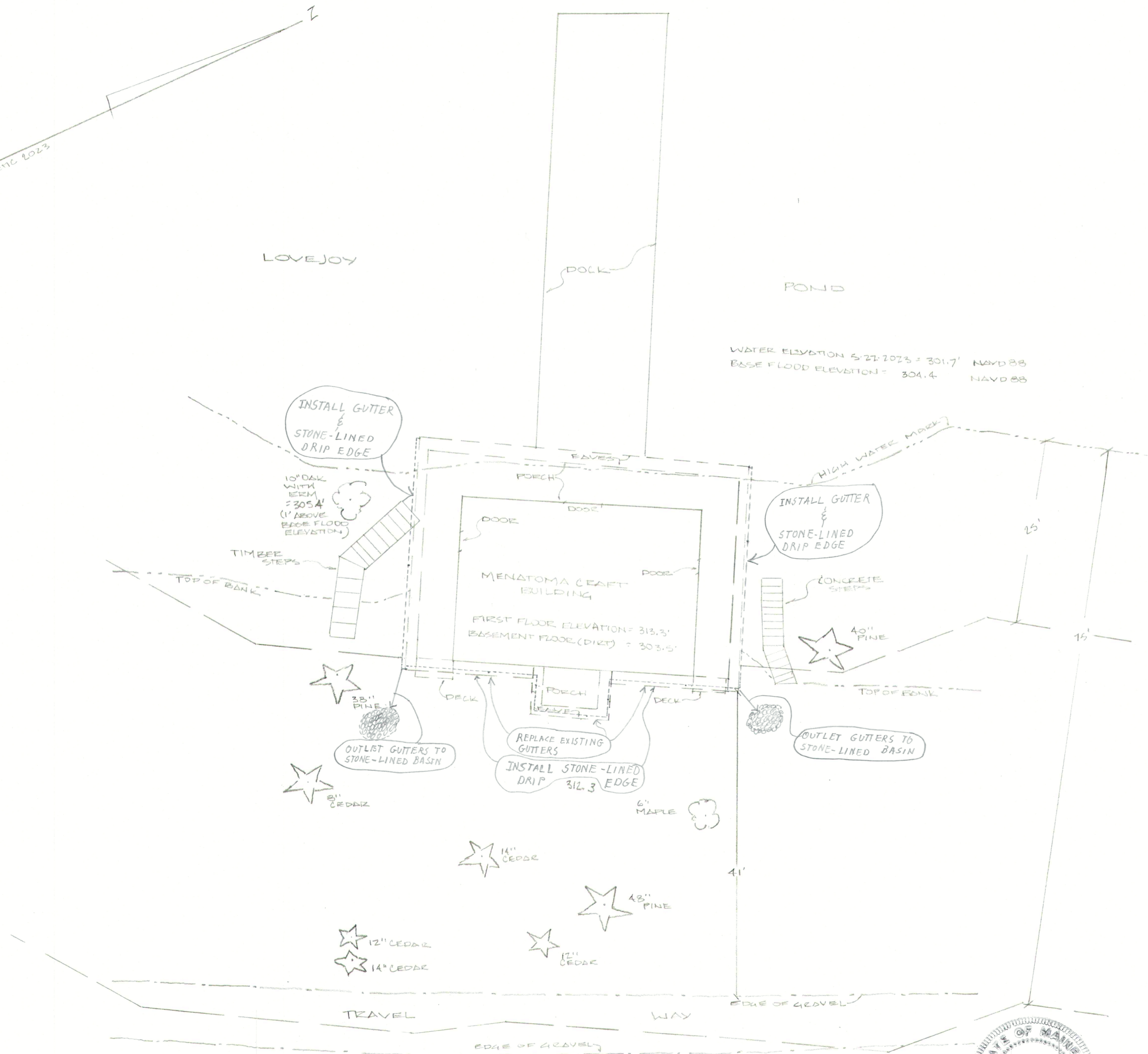
MAYHEW 2023

LOVEJOY

DOCK

POND

WATER ELEVATION 5-27-2023 = 301.7' NAVD88
BASE FLOOD ELEVATION = 304.4' NAVD88



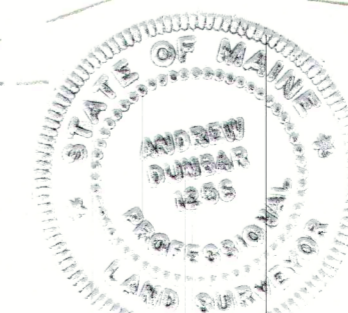
IMPERVIOUS AREA:
 STRUCTURE FOOTPRINT: 1407 SQ. FT.
 STEPS: 113 SQ. FT.
 TOTAL: 1520 SQ. FT.

ELEVATION REFERENCE MARK (ERM):
 MAG NAIL IN BASE 10' OAK (SET
 1' ABOVE BASE FLOOD ELEVATION) =
 305.4' NAVD88

- REVISED JUNE 22, 2023, STORM WATER
 CONSIDERATIONS:
- ① REPLACE & INSTALL GUTTERS
 - ② ADD STONE-LINED DRIP EDGES BELOW EAVES
 - ③ OUTLET GUTTERS TO STONE-LINED BASINS

SITE SKETCH
 CAMP MENATOMA CRAFT BUILDING
 LOVEJOY POND
 READFIELD, KENNEBEC COUNTY, MAINE
 22 MAY 2023 1" = 10'

BY THAYER ENGINEERING COMPANY, INC
 PROJECT NO. 0302A1



GRAPHIC SCALE 1" = 10'

Andrew Dunton June 22, 2023