

## EXPERIMENTAL LEASE APPLICATION

### 1. APPLICANT CONTACT INFORMATION

App 2

Applicant	Gordon Robinson	
Contact Person	Gordon Robinson	
Address	109 Roy Hill Road	
City	Chebeague Island	
State, Zip	04107	
County	Cumberland	
Telephone	(207) 210-1540	
Email	gordonrobinson2016@gmail.com	
Payment Type	<input checked="" type="checkbox"/> Check (included) <span style="margin-left: 100px;"><input type="checkbox"/> Credit Card</span>	

*Note: The email address you list here will be the primary means by which we will contact you. Please provide an email address checked regularly. If you do not use email, please leave this blank.*

### 2. PROPOSED LEASE SITE INFORMATION

Location of Proposed Lease Site	
Town	Chebeague Island
Waterbody	Casco Bay
General Description (e.g. south of B Island)	East of Great Chebeague Island
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	4 acres, 3 years
Type of culture (check all that apply)	<input type="checkbox"/> Bottom (no gear) <input checked="" type="checkbox"/> Suspended (gear in the water and/or on the bottom) <input type="checkbox"/> Net Pen (finfish)
How many pending experimental lease applications (including this one) do you have pending?	<input type="checkbox"/> One (1) <input checked="" type="checkbox"/> Two (2) <i>Note: An applicant may have no more than two pending experimental leases at any time.</i>
Do you have a legal interest in any entity that has a pending experimental application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" provide the name of the applicant(s): _____

Is any portion of the proposed lease site above mean low water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <i>Note: If you selected "Yes", you need to complete the steps outlined in the section titled: "17. Landowner/Municipal Permission Requirements".</i>
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### 3. GROWING AREA DESIGNATION

**Directions:** Information for growing area designations can be found here:

<https://www.maine.gov/dmr/shellfish-sanitation-management/closures/index.html>

Growing Area Designation (e.g. "WL"):	WI
Growing Area Section (e.g. "A1"):	A

**Note:** If you are proposing to grow molluscan shellfish in waters classified as anything other than open/approved, you will need to contact the Bureau of Public Health to discuss you plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

### 4. GENERAL LEASE INFORMATION

A. Please complete the table below and add additional rows as needed.

Name of species to be cultivated (include both common and scientific names):	Name and address of the source of seed stock or juveniles	Maximum number (or biomass) of organisms you anticipate on the site at any given time
1. Sugar Kelp ( <i>Saccharina latissima</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	75,000 lbs
2. Skinny Kelp ( <i>Saccharina angustissima</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	75,000 lbs
3. Winged Kelp ( <i>Alaria esculenta</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
4. Horsetail Kelp ( <i>Laminaria digitata</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
5. Shotgun Kelp ( <i>Agarum clathratum</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
6. Dulse ( <i>Palmaria palmata</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	5,000 lbs
7. Sea Lettuce ( <i>Ulva lactuca</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	5,000 lbs
8. Irish Moss ( <i>Chondrus crispus</i> )	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	5,000 lbs

B. Do you intend to possess, transport, or sell whole or roe-on scallops?  Yes  No

If you answered “Yes” please contact the Bureau of Public Health to discuss your plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

*Note:* If you are proposing to grow molluscan shellfish, this application also serves as your written operational plan as required in the National Shellfish Sanitation Program (NSSP) Model Ordinance Chapter 2, and must be maintained in your files. If you wish to submit an operational plan separate from this application, please contact: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

## 5. VICINITY MAP

*Note:* You may embed the maps within the document, or attach the maps to the end of your application. If you attach the maps, please label them according to the instructions provided below. If you attach the map, please label it: ‘Vicinity Map’.

*Directions:* Using a NOAA Chart or USGS topographic map, show the area within a minimum of one-half mile of the proposed lease site.

The map needs to display the following:

- The waters, shore lands, and lines of mean high and mean low water within the general area of the lease
- An arrow indicating true north
- A scalebar
- The approximate lease boundaries

See *Figure 1* on page 25.

## 6. BOUNDARY DRAWING

*Note:* If you attach a drawing, please label it ‘Boundary Drawing’.

*Directions:* Depict the boundaries of the proposed lease site. Provide a drawing with all corners, directions, and distances labeled. Provide coordinates for each corner as follows:

- Coordinate Description  
Provide geographic coordinates for each corner of the lease site in latitude and longitude in decimal degrees (e.g., 43.123456 N, -69.123456 W). Identify the datum from the map, chart, or GPS unit used to develop these coordinates. The datum will be shown on the map or chart you are using. The Coordinate Description may be provided separately from the Boundary Drawing.

See *Figure 2* on page 26.

## 7. RESEARCH PROGRAM AND OPERATIONS

**Directions:** If you are cultivating more than one species, you will need to provide the below information for each species. Please attach a separate page if needed.

A. Type of study (**check one**):  Scientific Research  Commercial Research

**Please note:**

a) *Product grown on experimental leases for scientific research cannot be sold. Results of scientific research are not kept confidential.*

b) *Experimental leases for commercial research are not renewable. Results of commercial research are kept confidential.*

**B.** What is the purpose of the study? If scientific, please include a detailed study design.

The purpose of this study is to test the viability of a commercial seaweed farm off the eastern shore of Great Chebeague Island.

**C.** Describe the general culture process for each species proposed.

I am proposing to culture seaweed on the lease site described in this application from October 15 to May 31. Kelp will be seeded on up to fifteen 1,000' culture lines between October 15 and the end of December. Red and green seaweeds will be seeded between January and March. Species and the amount of linear footage dedicated to each species will vary from season to season based on availability and demand. Longlines will be spaced 10' apart and suspended 7' below the surface using depth control devices composed of a float, PVC for structure, and a counterweight. Seaweed will be monitored for growth and fouling at least twice a month and after any major storm. Harvesting will begin in April and will be completed no later than May 31st. After harvesting, all gear except for moorings (mooring lines and chains will be connected together and sunk) and state-required lease markers will be removed from the site and stored on my personal private property from June 1 to October 14.

**D.** What months will the proposed activities (i.e. seeding, tending, and harvesting) occur?

I intend to culture seaweed on the proposed lease site from October 15 to May 31. The timeline for proposed activities are outlined below:

- Seeding: October 15 - end of December for kelp species, January-March for red and green seaweeds
- Tending/Monitoring: end of seeding to harvest; approx. end of December - end of March
- Harvesting: April - May 31

E. How often will you be at the site during seeding and harvesting periods?

I intend to be at the site between 3-5 days for seeding and 5-10 days for harvesting. The exact number of days will be determined by weather and yield.

F. How frequently will you visit/tend the site for routine maintenance (i.e. flipping cages, etc.)?

At a minimum, the site will be visited for tending and monitoring twice a month and after any major storm event. Additional time may be needed at the site, in March and April to add counterweights to depth control devices and monitor for fouling.

G. Describe the harvesting techniques you will use. If you plan on using a drag, please provide the dimensions.

Culture lines will be hauled using a hydraulic pot hauler mounted on my lobster boat. Seaweed will be cut by hand from the culture line and placed in bags or crates on the deck.

H. Describe any overwintering or "off season" plans for the site. For example, will you remove gear from the site and/or deploy gear in different areas within the proposed site? Please include where gear or product will be located if moved from the site.

The off-season for the proposed site will run from June 1 to October 14. During this time all gear except for moorings, mooring lines and chains, and state-required lease markers will be removed from the site and stored on my private property. Mooring lines and chains not attached to state-required lease markers will be connected together and sunk to the seafloor during this time period.

I. What type of machinery (e.g. generator, drag, grading equipment, etc.) will you be using on the site? When and how often will the machinery be used?

I will utilize a hydraulic pot hauler mounted on my lobster boat during seeding (3-5 days) and harvesting (5-10 days). Machinery, other than my boats, will not be used on the site for the remainder of the year.

J. Please provide details on any predator control techniques you plan to employ.

No predator control techniques will be employed on the site.

K. Suspended culture gear can attract birds that roost on the gear and defecate, potentially creating a pollution source impacting shellfish held within the gear. In order to comply with the National Shellfish Sanitation Program (NSSP) Model Ordinance (MO), DMR is requiring that applications for the suspended culture of shellfish include a description of mitigation or deterrent measures to minimize the potential pollution impacts of birds at the proposed site. If appropriate, include sketches or photos that clearly depict those measures put into practice.

Examples may include:

- Submerging suspended gear and associated product at a depth sufficient to deter roosting for two weeks before harvest
- Attaching physical deterrents (i.e. zip ties) to gear
- The site is proposed for the culture of seed only
- The site is proposed for the culture of adductor-only scallops (i.e. no other shellfish species would be grown on the site)
- Proposed gear would always be suspended below the surface of the water at a depth sufficient to deter roosting (i.e. as is common for scallop lantern nets)

Not applicable.

## 8. EXISTING USES

**Directions:** Describe the existing uses of the proposed area. Please include the amount of activity, the time of year the activity occurs, frequency, and proximity to the lease site.

A. Describe the existing uses of the proposed area in questions A.1 through A.5 below. Please include the a) type b) time of year c) frequency, and d) proximity to the lease site for each existing use.
<b>1. Commercial Fishing</b>
No commercial fishing has been observed within the boundaries of the lease. Within 1,000' minimal lobstering (5-10 traps) occurs in the summer. No commercial fishing occurs in the vicinity during the winter.
<b>2. Recreational Fishing</b>
Minimal to moderate recreational fishing has been observed within 1,000' of the proposed site during the months of July and August. Recreational fishing is rare to nonexistent during other months of the year.
<b>3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water)</b>
Boating activity on and near the site is heavy in summer (July-September). There is a boatyard approximately 0.6 miles southwest of the site and a mooring field (associated with the boatyard) approximately 0.3 miles southwest of the site. Additionally, the proposed site is located on the edge of a channel used by boats transiting the area. The proposed lease has been sited to allow ample room for navigation on all sides and most gear will be removed from the site June 1 - October 14 to allow for navigation through the site.
After mid-october the boat yard and mooring field are almost completely empty and unused. It would be rare to see more than a boat or two transit by the site during the winter.
<b>4. Ingress and egress (i.e. coming and going) of shorefront property owners within 1,000 feet of the proposal (e.g. docks, moorings, landing boats on shore, etc.)</b>
There are no docks within 1,000 ft of the site. There are approximately a dozen seasonal moorings located 0.3 miles to the west of the proposed lease. The proposed lease will not hinder shorefront property owners ingress or egress at any time of the year and when these seasonal moorings are in use the farm will not be in operation.
<b>5. Other uses (kayaking, swimming, etc.)</b>
During July and August kayaks transit through the area and tend to hug the shoreline of Great Chebeague Island. No kayaking or swimming has been observed within the boundaries of the proposed site.

B. Are there private docks, moorings, or other access points within 1,000 feet of the proposed lease? If yes, please include approximate distance from proposed lease.
There are approximately a dozen seasonal moorings located 0.3 miles to the west of the proposed lease, but none within 1,000' of the boundary lines. There are no docks or other access points within 1,000 ft of the site.

C. Are there public beaches, parks, or docking facilities within 1,000 feet of the proposed lease site. If yes, please describe and include approximate distances from proposed lease.

No.

D. Are there any Limited Purpose Aquaculture (LPA) licenses or aquaculture leases within 1,000 feet of your proposed lease site? If yes, please list their acronyms below.

Current and pending aquaculture leases and active LPA licenses may be found here:  
<https://www.maine.gov/dmr/aquaculture/leases/index.html>

No, but I am submitting a concurrent experimental lease that will lie 95' north of the proposed lease at the NE corner and 60' north at the NW corner.

## 9. CURRENT OPERATIONS

**Directions:** If a question does not pertain to your proposed operations, please write “not applicable” or “N/A.”

A. Describe your existing aquaculture operations, including the acronyms of all active leases and/or licenses.

Not applicable.

B. What are your plans for any existing leases and/or Limited Purposed Aquaculture (LPA) licenses if the lease is granted? Will any existing leases and/or Limited Purpose Aquaculture (LPA) licenses be relinquished if the lease is granted? If so, please indicate which ones.

Not applicable.



## 10. EXCLUSIVE USE

If your lease is granted, what activities would you request be excluded from occurring within the boundaries of the lease site? In your answer please address applicable commercial and recreational fishing, boating activities, and other activities you listed in the 'Existing Uses' section of this application.

To prevent a potential navigational or safety hazard I'm asking for exclusive use of the proposed site when culture lines are present on the site, Oct. 15 - May 31. For the remainder of the year I would welcome fishing, boating, and other activities on the site.

## 11. ENVIRONMENTAL CHARACTERIZATION

**Directions:** Using your knowledge of the area, describe the environment of the proposed lease site. Be sure to include units of measurement in your answers (i.e. feet, cm/s).

A. What are the approximate depths at mean low water?

The mean low water depth is 35-42' from the west boundary to the east boundary.

B. What are the approximate depths at mean high water?

The mean high water depth is 45-52' from the west boundary to the east boundary.

C. Provide the approximate current speed and direction during the ebb and flow.

The average current speed on the proposed site is 2-3 knots. The tide runs mostly north to south.

D. The following questions (D.1 through D.6) may be answered in writing or by submitting a video. If you plan to submit a video, please contact the Department prior to video collection.	
1.	What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?
The bottom is mainly composed of mud.	
2.	Describe the bottom topography (flat, steep rough, etc.).
The site gradually slants upwards from west to east.	
3.	Describe marine organisms by species or common names. Based on your personal observations or other sources of information, are these species abundant, common, or rare?
I have observed some crabs and lobsters passing through the area.	
4.	Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.
None known.	
5.	Describe the presence and extent of submerged aquatic vegetation, i.e. eelgrass, within the proposed lease area. Please include the date of this observation along with the method of observation. If submerged aquatic vegetation is observed, please also describe the abundance below and sketch the limits of the beds in the vicinity map.
Based on a Casco Bay-wide aerial eelgrass surveys completed by the Department of Environmental Protection in 2022, there are no eelgrass beds within the proposed lease area. The nearest eelgrass bed observed during the survey was over 1,000' to the west of the proposed lease. Additionally, eelgrass beds are generally observed in shallow waters which allow for adequate light penetration to support photosynthesis. The proposed site is in a water depth between 35-42' ft (MLW) and 45-52' ft (MHW) which is not ideal habitat for eelgrass.	
6.	Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)
The shoreline of Great Chebeague Island is characterized by ledge and rocky shoreline. Upland from the shoreline Great Chebeague Island is residential and forested.	

E. Is your proposed lease located within a Maine Department of Inland Fisheries and Wildlife designated Essential Habitat?

Yes  No

**Note:** The location of Essential Habitats in the State of Maine, along with information on how projects within these areas are reviewed, can be found here:

<https://www.maine.gov/ifw/fish-wildlife/wildlife/endangered-threatened-species/essential-wildlife-habitat/index.html>

**If a project is located within an Essential Habitat**, applicants are strongly encouraged to contact the MDIFW Environmental Review Coordinator ([John.Perry@maine.gov](mailto:John.Perry@maine.gov), phone: 207-287-5254) prior to application submission.

F. Will your operations discharge anything into the water such as feed (pellets, kelp, etc.) or chemical additives (therapeutants, chemical treatments, etc.)?

Yes  No

**Note:** If you answered yes, you must submit a video of the bottom using a method prescribed by the Department. **The video must be filmed between April 1 and November 15.** If a discharge is proposed you will also need to obtain a Maine Department of Environmental Protection (DEP) discharge permit. For information on this permit please contact DEP's Wastewater Licensing Program ([Gregg.wood@maine.gov](mailto:Gregg.wood@maine.gov), 207-287-7693). Further sampling may be required by DMR, or DEP, depending on the characteristics of the site or the proposed activities.

## 12. STRUCTURES (if applicable)

If your operations require the use of cages, nets, ropes, trays, or any object (structure) other than the organism to be grown directly on the bottom or buoys to mark the corners of the lease site, you must submit an **Overhead View** and **Cross-Section View** of your gear plans. It is important to note that, unlike Limited Purpose Aquaculture (LPA) Licenses, experimental and standard leases require that all gear, including moorings, must be located within the proposed lease boundaries.

**Note:** You may embed the gear plans, or attach them to the end of your application. If you attach the plans, please label them according to the instructions provided below.

A) **Overhead View** (please label this "Overhead View"):

**Directions:** All dimensions need to be labeled with the appropriate units (i.e. 10ft, 10in)

- Show maximum layout of gear including moorings.
- Show dimensions of entire gear layout
- Show approximate spacing between gear.
- Show lease boundaries and the location of proposed markers on all drawings.

See *Figure 3a* and *Figure 3b* on pages 27 and 28, respectively.

**B) Cross-Section View** (please label this “Cross Section View”):

**Directions:** The cross-section view must show the following:

- The sea bottom
- Profile of gear in cross-section as it will be deployed
- Label gear with dimensions and materials
- Show mooring gear with mooring type, scope, hardware, and line type and size
- Water depth at mean high and mean low water

**Note:** Please include an additional Cross Section View, depicting the elements listed above, if there will be seasonal changes to gear layout (i.e. over wintering).

See *Figure 4a* and *Figure 4b* on pages 29 and 30, respectively.

**C) Gear Description**

**Directions:** List and describe each individual gear type that you will use in the table below.

<b>Specific Gear Type</b> (e.g. soft mesh bag)	<b>Dimensions</b> (e.g. 16"x20"x2")	<b>Time of year gear will be deployed</b> (e.g. Spring, Winter, etc.)	<b>Maximum amount of this gear type that will be deployed on the site</b> (i.e. 200 cages, 100 lantern nets, etc.)	<b>Species that will be grown using this gear type</b>
<b>A3 or A4 Polyballs for Mooring Buoys/State-required Lease Markers</b>	A3 Polyball: 23" x 17" or; A4 Polyball: 27" x 20.5"	Fall-Spring: Oct. 15 - May 31	Mooring buoys: 30 State-required lease markers: 6	Marine Algae
<b>Depth Control Device</b>	Foam buoy (7"x14") attached to 7' of 11/32-3/8" line (encased by 1/2" PVC) and 8-10 lb counterweight	Fall-Spring: Oct. 15 - May 31	159	Marine Algae
<b>Poly Line for Culture Lines &amp; Crosslines</b>	Culture Lines: 1000' of 11/32-3/8" rope and; Crosslines: 140' of 11/32-3/8" rope	Fall-Spring: Oct. 15 - May 31	Culture Lines: 15 Crosslines: 3	Marine Algae
<b>Nylon Mooring Rope</b>	45-52' of 3/4-1"	Year-round. All but 6 mooring	36	Marine Algae

	(dependent on MHW at location of mooring)	ropes associated with state-required lease markers will be tied together and sunk to the seafloor from June 1-Oct. 14.		
<b>Galvanized Mooring Chain</b>	5' of 2" chain	Year-round. All but 6 mooring chains associated with state-required lease markers will be tied together and sunk to the seafloor from June 1-Oct. 14.	36	Marine Algae
<b>Concrete or Granite Block for Moorings</b>	3'x3'x1' 1,000-1,200 lbs	Year-round.	36	Marine Algae

**D) Gear Drawing** (please label this “Gear Drawing”).

**Directions:** Include a drawing of an individual piece of gear for each of the gear type(s) you plan to use. The drawing(s) needs to depict the length, width, and height of each gear type with appropriate units referenced (i.e., 10in, 10ft, etc.).

See *Figure 5* on page 31.

**13. MARKING**

Will you be able to mark your site in accordance with DMR regulations, Chapter 2.80? In part, this requires marker buoys which clearly display the lease ID and the words SEA FARM to be located at each corner of the lease. Effective January 1, 2023, marker buoys must be yellow and host reflective material.

Yes     No

If you answered no, explain why and suggest alternate markings.

**Note:** If a lease is granted, you will also be required to mark the site in accordance with appropriate US Coast Guard Regulations. If you have questions about US Coast Guard regulations contact: 1<sup>st</sup> Coast Guard District, Aids to Navigation Office.

#### 14. RIPARIAN LANDOWNERS AND SITE ACCESS

A. If your lease is within 1,000ft of shorefront land (**which extends to mean low water or 1,650 ft. from shore, whichever is less, according to NOAA charts**), the following supporting documents are required:

1. A labeled copy of a tax map(s) depicting the location of the proposed lease site and including the following elements:
  - Label the map “Tax Map: Town of (name of town).”
  - Legible scale
  - Tax lot numbers clearly displayed
  - The boundaries of the proposed lease
2. Please use the Riparian Landowner List (included on the next page) to list the name and address of every shorefront landowner within 1,000ft of the proposed lease site. Have the tax collector or clerk of the municipality certify the list. Refer to the riparian determination guidance document to ensure all riparian landowners are included:  
<https://www.maine.gov/dmr/aquaculture/forms/documents/RiparianDetermination.pdf>

*Note:* When the application and riparian list are both ready to be submitted, you may choose to email a copy of the riparian list and proposed lease coordinates to [DMRAquaculture@maine.gov](mailto:DMRAquaculture@maine.gov) for staff to verify that all required parcels are included on the list *before* having it certified by the municipality. DMR will not verify a riparian list multiple times, so please ensure there will be no additional changes to the application before emailing the riparian list for verification.

3.If any portion of the site is intertidal you need to complete the steps outlined in “17. Landowner/Municipal Permission Requirements”.

B. Will your access to the lease area be across riparian land?

Yes     No

**Note:** If you selected “Yes”, you will need to complete the landowner permission requirements included in “17. Landowner/Municipal Permission Requirements” of this application.

C. How will you access the proposed site?

The site will be accessed using my lobster boat and/or skiff moored at Central Landing located off of Chebeague Island.

## RIPARIAN LANDOWNER LIST

*THIS LIST MUST BE **CERTIFIED** BY THE TOWN CLERK*

On this list, please include the map number, lot number, and the current owners' names and mailing addresses for all shorefront parcels within 1,000 feet of the lease site. It is the applicant's responsibility to assemble the information for the Town Clerk to certify. The Town Clerk only certifies that the information is correct according to the Town's records. Once you have completed the form, ask the Town Clerk to complete the certification section below. If riparian parcels are located within more than one municipality, provide a separate, tax map and certified riparian list for each municipality.

**TOWN OF:** \_\_\_\_\_

MAP #	LOT #	Landowner name(s) and address(es)

**Please use additional sheets if necessary and attach hereto.**

### **CERTIFICATION**

I, \_\_\_\_\_, Town Clerk for the Town of \_\_\_\_\_ certify that the names and addresses of the property owners listed above, as well as the map and lot numbers, are those listed in the records of this municipality and are current as of this date.

**SIGNED:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**15. ESCROW ACCOUNT OR PERFORMANCE BOND**

Check the category that describes your operation:

Check Here	Lease Category	Amount of Required Escrow or Performance Bond
<input type="checkbox"/>	No gear/structure, no discharge	None
<input type="checkbox"/>	No gear/structure, discharge	\$500.00
<input type="checkbox"/>	≤ 400 square feet of gear/structure, no discharge	\$1,500.00
<input checked="" type="checkbox"/>	>400 square feet of gear/structure, no discharge	\$5,000.00*
<input type="checkbox"/>	Gear/Structure, discharge	\$25,000.00

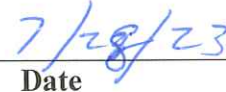
\*DMR may increase the bond/escrow requirements for leases with more than 2,000 feet of structure.

I, (*printed name of applicant*) \_\_\_\_\_ have read DMR Aquaculture Regulations 2.64(12)(B)) and if this proposed lease is granted by DMR I will either open an escrow account or obtain a performance bond, depending on the category of lease.



**Applicant Signature**

*Note: Add title if signing on behalf of a corporate applicant.*



**Date**

**ADDITIONAL APPLICANTS:** Each applicant must sign this section indicating that they will open an escrow account or obtain a performance bond. Use the space below for additional persons listed on the application. You may attach additional pages, if necessary.

I, (*printed name of applicant*) \_\_\_\_\_ have read DMR Aquaculture Regulations 2.64(10)(D) and if this proposed lease is granted by DMR I will either open an escrow account or obtain a performance bond, depending on the category of lease.

\_\_\_\_\_  
**Applicant Signature**

*Note: Add title if signing on behalf of a corporate applicant.*

\_\_\_\_\_  
**Date**



## 16. APPLICANT SIGNATURE PAGE

I hereby state that the information included in this application is true and correct. I have also read and understand the requirements of the Department's rules governing aquaculture and the application instructions pertaining to the experimental lease process.

Printed name: Borden B Robinson

Title (if corporate applicant): \_\_\_\_\_

Signature: [Handwritten Signature] Date: 7/28/23

18 U.S.C. 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.

**Note:**

- All applicants must sign and date this page. Please use the space below, if additional signatures are required.
- Corporate applicants, please be sure to include the title (i.e. President, Treasurer, etc.) of the individual(s) signing on the company's behalf.

## 17. LANDOWNER/MUNICIPAL PERMISSION REQUIREMENTS *(if applicable)*

### **PART I: The use of private property to access your site.**

Pursuant to 2.64(C)(6) if you are using private property to access the proposed lease site, you need to submit written permission from the property owner with your application. It is your responsibility to obtain written permission. Please note that the Department does not provide forms for landowner or municipal permission. **If any portion of your site is also intertidal you will need to complete the steps outlined in Part II, below.**

### **PART II: If any portion of the site is intertidal you need to complete the following steps:**

#### **Step I: Obtain written permission from all intertidal landowners.**

Pursuant to 2.64(C)(6) the Department requires *written permission of every owner of intertidal land in, on, or over which the experimental activity will occur*. It is your responsibility to obtain written permission and include it with your application materials. Please note that the Department does not provide forms for landowner permission.

#### **Step II: Determine if the municipality where your site is located has a shellfish conservation program.**

Pursuant to 12 MRSA §6072(3) *In any municipality with a shellfish conservation program under section 6671, the Commissioner may not lease areas in the intertidal zone within the municipality without the consent of the municipal officers.*

If the municipality where the proposed lease site is located has a shellfish conservation program, it is your responsibility to obtain consent for the proposed lease site from the municipal officers (i.e., the selectmen or councilors of the town, or the mayor and aldermen or councilors of a city.) Consent means a majority vote of the municipal officers as recorded in a public meeting.

It is your responsibility to contact the municipality and determine if they have a shellfish conservation program. Best practices would include discussing your plans with shellfish committee members, but only the consent of municipal officers is required.

1. Does the municipality, where the proposed site is located, have a shellfish conservation program?  Yes  No

**If you answered yes**, please attach documentation from a public meeting demonstrating that a majority of municipal officers have consented to your proposal.

Figure 1. Vicinity Map

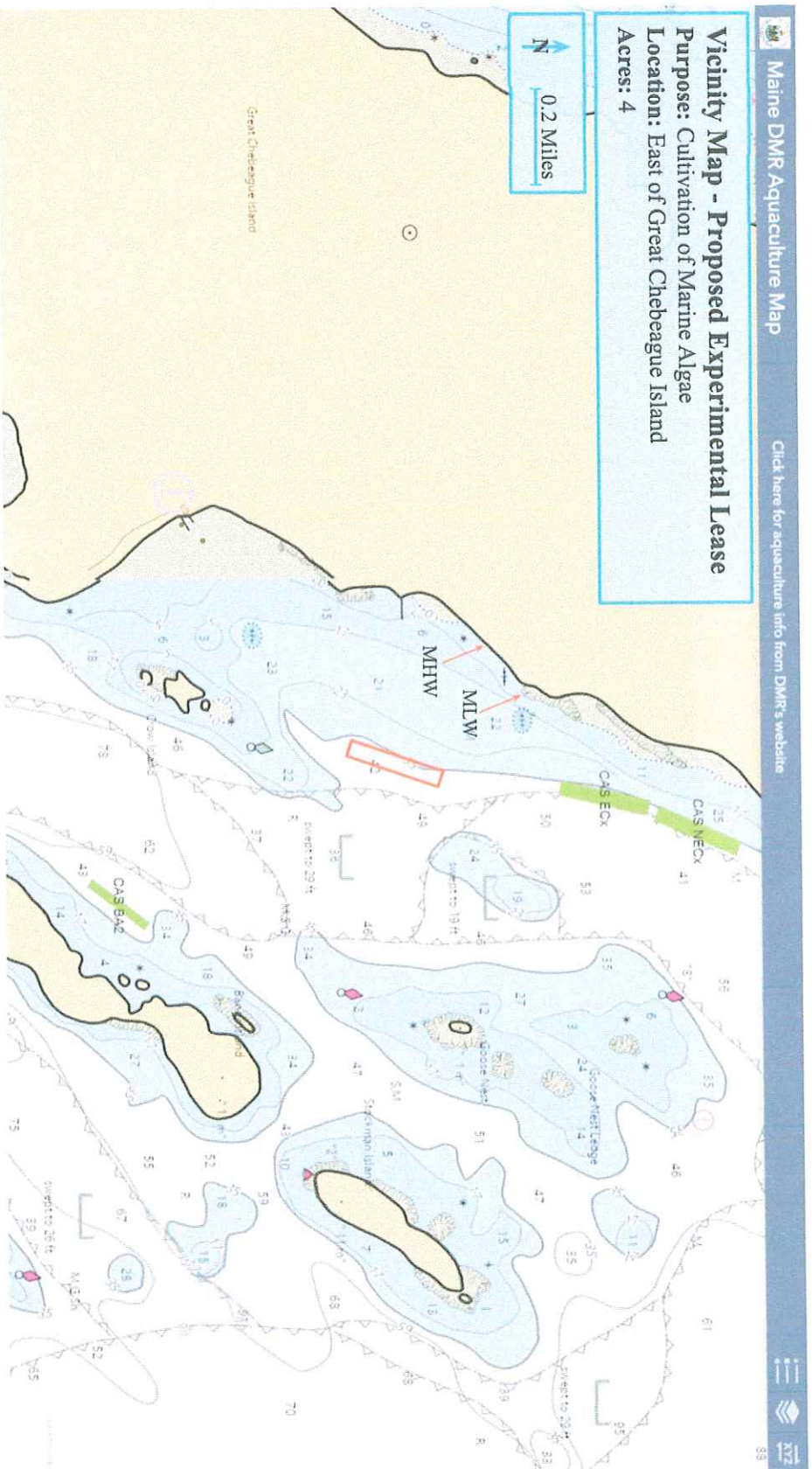


Figure 2. Boundary Drawing

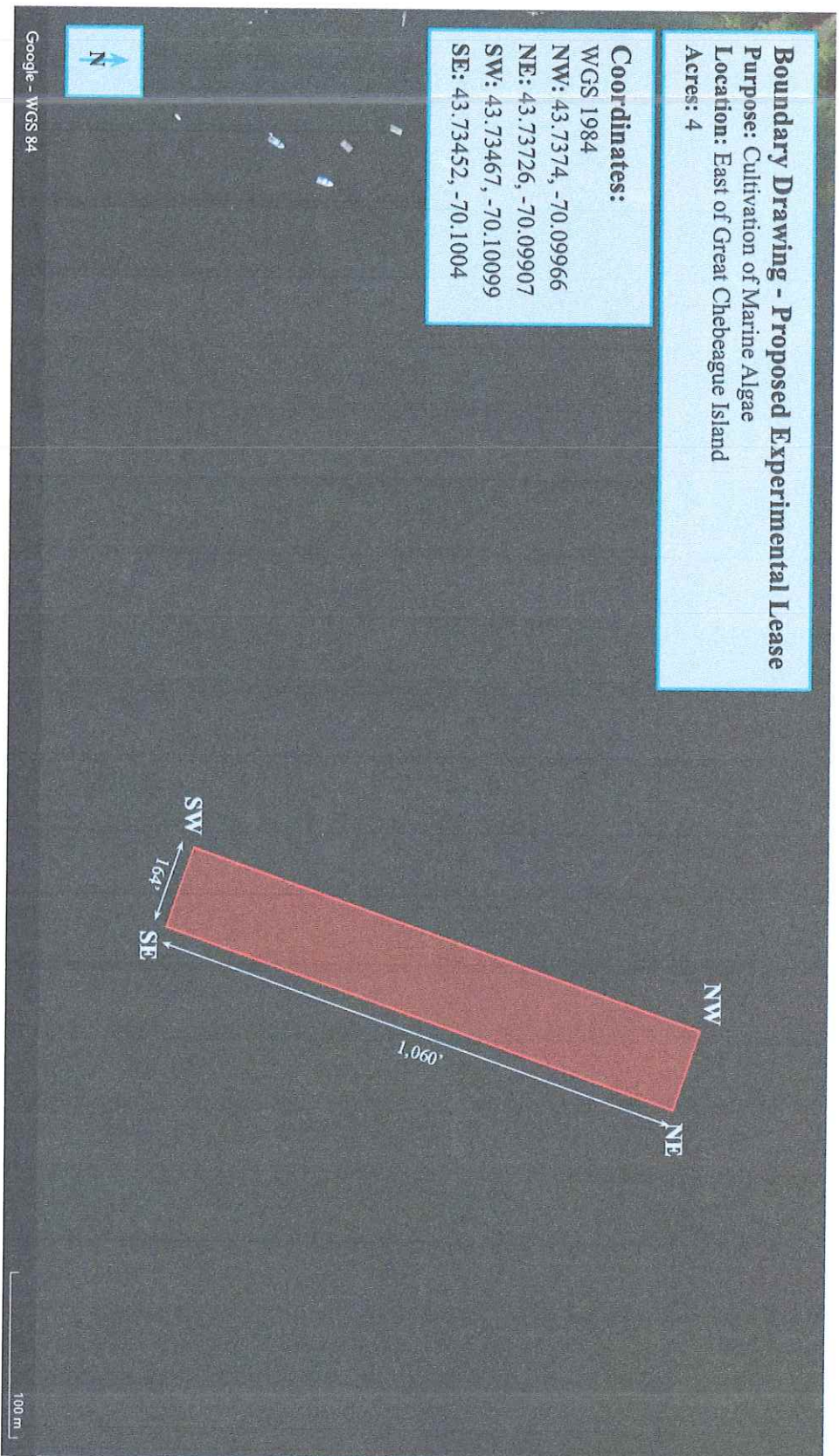


Figure 3a. Overhead View - October 15 - May 31

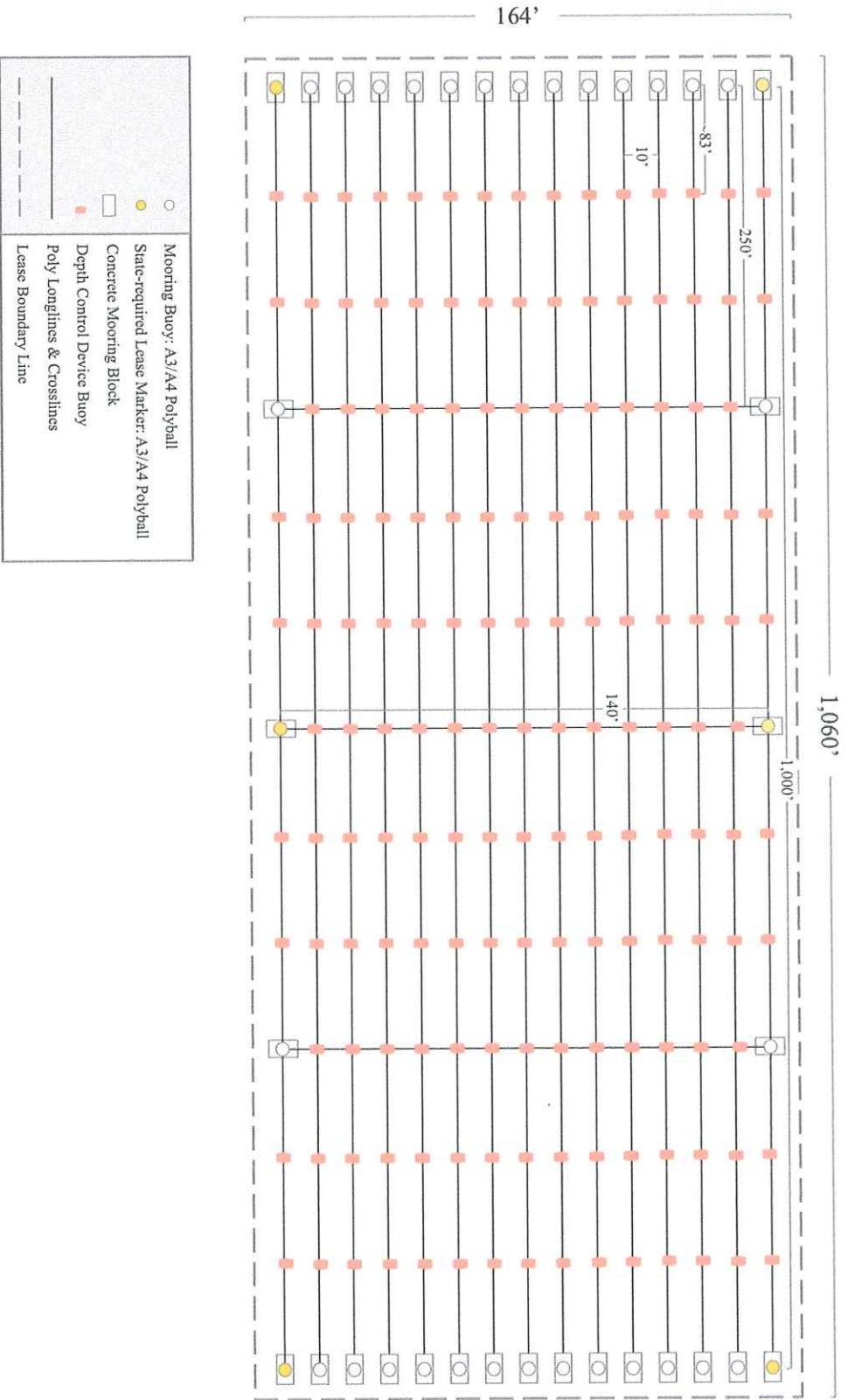


Figure 3b. Overhead View - Off Season June 1 - October 14

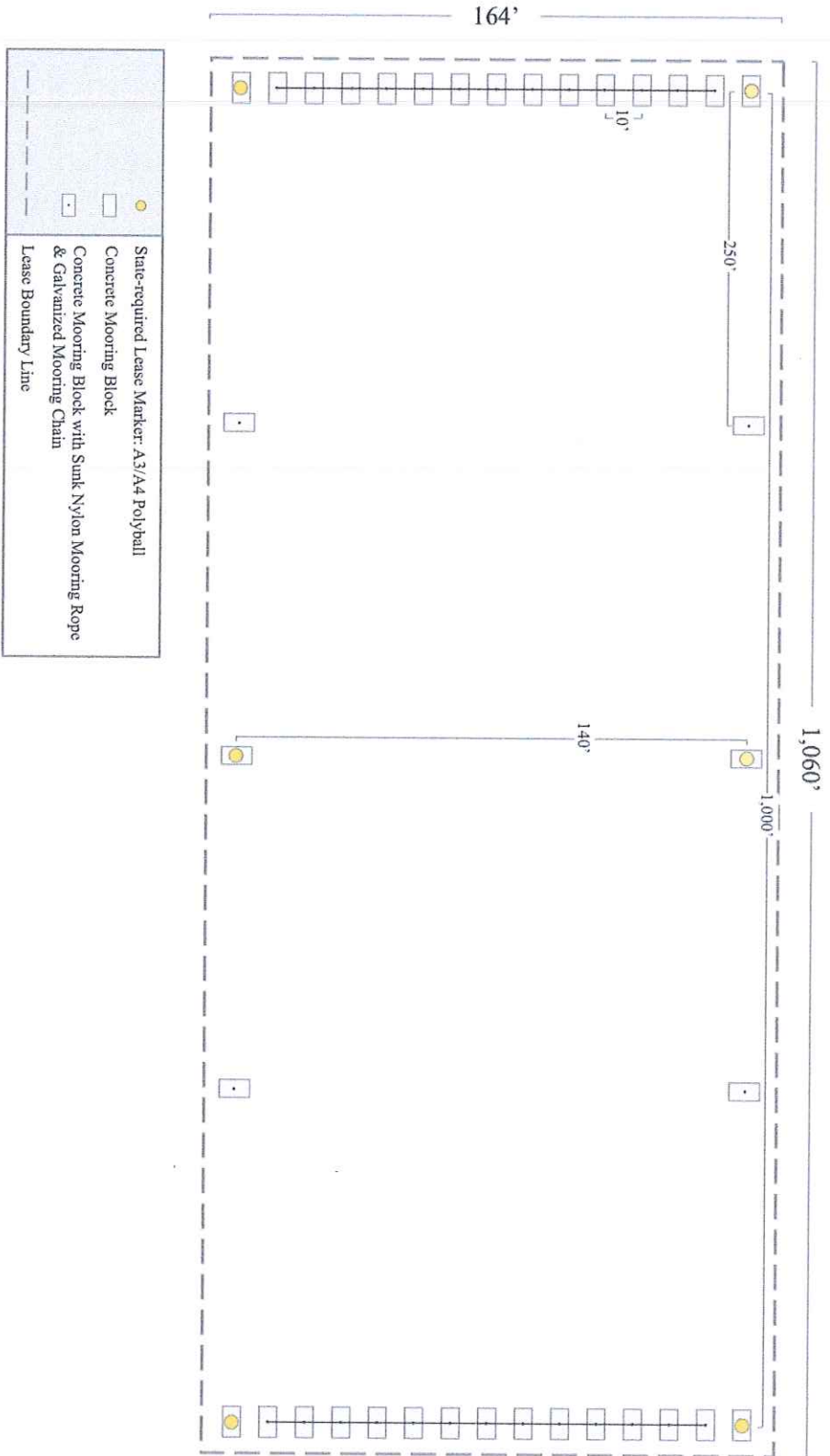


Figure 4a. Cross-Section View - October 15 - May 31

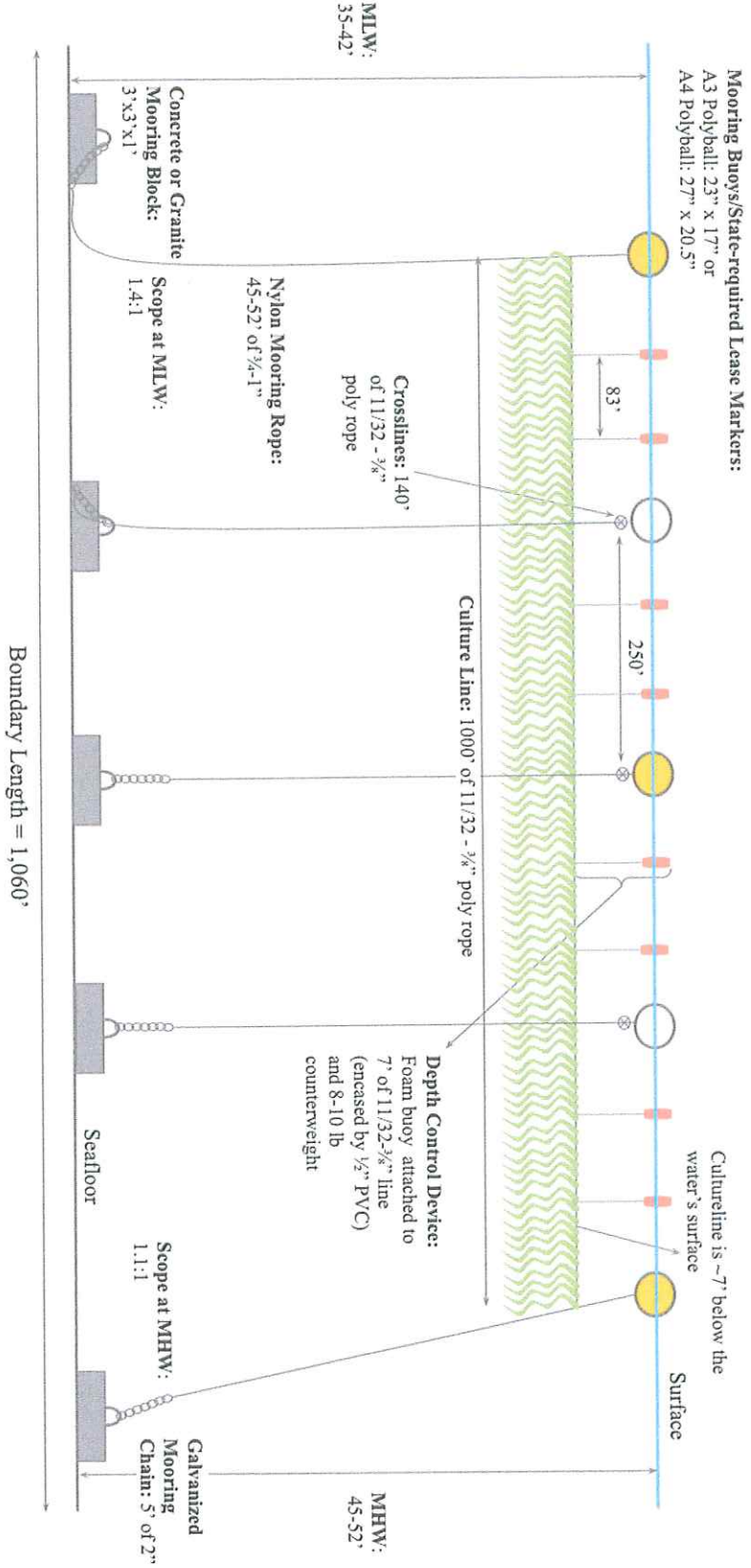
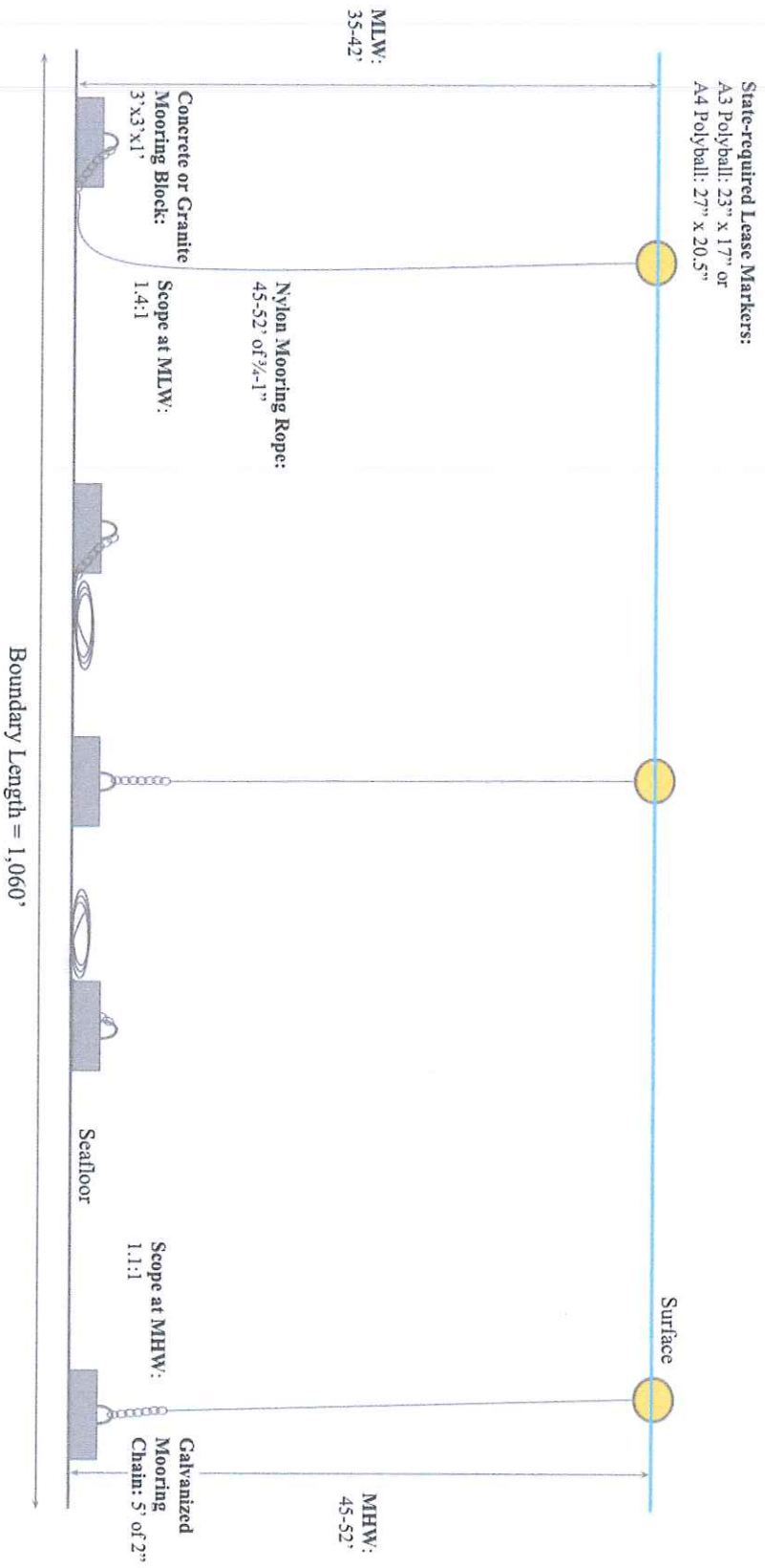


Figure 4b. Cross-Section View - Off Season June 1 - October 14





**Figure 5. Gear Drawing**

<p><b>A3 or A4 Polyballs for Mooring Buoys/ State-required Lease Markers:</b>          A3 Polyball: 23" x 17" or          A4 Polyball: 27" x 20.5"</p> 	<p><b>Nylon Mooring Rope:</b> 45-52' of 3/4-1"</p> 	<p><b>Poly Line for Culture Lines &amp; Crosslines:</b>          Crosslines: 1000' of 11/32 - 3/8" rope          Culture Lines: 140' of 11/32 - 3/8" rope</p> 	<p><b>Depth Control Device</b>  <b>Foam Buoy:</b>          Length: 14"          Width: 7"</p> 
<p><b>Concrete or Granite Mooring Block for Moorings:</b>          3'x3'x1'          1,000-1,200 lbs</p> 	<p><b>Galvanized Mooring Chain:</b>          5' of 2"</p> 	<p><b>PVC Pipe:</b>          Length: 7'          Diameter: 1/2"</p> 	<p><b>Counterweight:</b>          Approx. weight:          8-10 lbs</p>



July 17, 2023

Department of Marine Resources  
Attn: Aquaculture Division  
21 State House Station  
Augusta, Maine 04333-0021

Dear Aquaculture Division of the Department of Marine Resources,

I am writing in support of Gordon Robinson's experimental lease applications located in Casco Bay in the waters of Great Chebeague Island.

Our mission at Atlantic Sea Farms (ASF) is focused on providing diversified income opportunities for Maine fishermen through seaweed farming. We currently work with 30 partner farmers throughout the coast of Maine – most of whom are commercial fishermen or professional aquaculturists. As a result of these partnerships the US' sustainable kelp aquaculture sector has been led by Maine's hard working fishermen, coastal communities have benefited from economic development, and seaweed cultivation has aided in removing carbon and nitrogen and in mitigating ocean acidification in our local coastal waters.

We believe that Mr. Robinson will be a responsible farmer and that their work will have a positive economic impact on their community. We have worked with Mr. Robinson to find a site that does not negatively impact commercial or recreational fishing, recreational activities, landowner access, or other aquaculture operations. As part of Mr. Robinson's partnership with ASF, in addition to lease application support, we will provide technical assistance, supply native kelp seeds from our state of the art cultivation center for permitted species free of charge, and guarantee purchase of 100% of seaweed grown.

I thank you for your time. Please feel free to contact me if you have any questions.

Sincerely,

Liz MacDonald  
Seaweed Supply Director  
[lmacdonald@atlanticseafarms.com](mailto:lmacdonald@atlanticseafarms.com)

Atlantic Sea Farms  
20 Pomerleau St.  
Biddeford, ME 04005