

**STANDARD LEASE APPLICATION: NON-DISCHARGE**

**1. APPLICANT CONTACT INFORMATION:**

Applicant	Keith Miller		
Contact Person	Keith Miller		
Address	11 Eagle Quarry Road		
City	Spruce Head		
State, Zip	Maine, 04859		
County	Knox		
Telephone	(207) 681-9308 (primary contact method)		
Email	n/a		
Type of Application	<input checked="" type="checkbox"/> Draft Application <input type="checkbox"/> Final Application [submitted before scoping session] [submitted after scoping session]		
Dates	Pre-Application Meeting: <i>May 2022</i>	Draft Application Submitted:	Scoping Session:
Payment Type	Draft Application: <input checked="" type="checkbox"/> Check (Included) <input type="checkbox"/> Credit Card Final Application: <input type="checkbox"/> Check (Included) <input type="checkbox"/> Credit Card		

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

**2. PROPOSED LEASE SITE INFORMATION**

Location of Proposed Lease Site	
Town	St. George
Waterbody	Penobscot Bay
General Description (e.g. south of B Island)	Southeast of Elwell island in Rackliff Bay
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	11 acres
Lease term requested (20-year maximum)	20 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)
Is any portion of the proposed lease site above mean low water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Note:** If you selected yes, you need to complete the steps outlined in the section titled: "19. Landowner/Municipal Permission Requirements".

### 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"):	WV
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.

<b>Name of species to be cultivated</b> <i>(include both common and scientific names):</i>	<b>Name and address of the source of seed stock or juveniles</b>	<b>Maximum number (or biomass) of organisms you anticipate on the site at any given time</b>
1. Sugar Kelp <i>(Saccharina latissima)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed Primary Species to be grown (combined)
2. Skinny Kelp <i>(Saccharina angustissima)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
3. Winged Kelp <i>(Alaria esculenta)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
4. Horsetail / Fingered Kelp <i>(Laminaria digitata)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
5. Shotgun Kelp <i>(Agarum cribosum)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
6. Dulse <i>(Palmaria palmata)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
7. Irish Moss <i>(Chondrus crispus)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)
8. Sea Lettuce <i>(Ulva lactuca)</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	14,000 ft seed (combined)

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:** Please label as: '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 scale bar
- The approximate lease boundaries

## 6. BOUNDARY DRAWING

**Note:** Please label as: '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 as accurately as possible (e.g., to the nearest second or fraction of a second). 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.

**7. SITE DEVELOPMENT**

**Directions:** 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 gear drawings and maximum structure schematics (information below). This section is intended to provide accurate plans depicting the physical structures to be placed in the proposed area. All dimensions need to be labeled with the appropriate units (i.e. 10ft, 10in). If you are proposing a bottom lease (no gear), please skip to question “F. Marking”.

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

**A. Gear Information**

**Directions:** Include a drawing of an individual piece of gear for each of the gear type(s) you plan to use. Include units referenced (i.e. 10in, 10ft, etc.).

1. Gear Drawing: Please include the following for each gear type that will hold organisms to be cultured (e.g. polar circles, marine algae longlines, oyster cages) and label as “Gear Drawing”. This view must show the following:
  - Length, width, and height of each gear type.
  
2. Gear Table: List and describe each individual gear type that you will use in the table below. (e.g. polar circles, marine algae longline, oyster cages, moorings, mooring lines, buoys, etc.).

<b>Specific Gear Type</b> <i>(e.g. soft mesh bag)</i>	<b>Dimensions</b> <i>(e.g. 16"x20"x2")</i>	<b>Time of year gear will be deployed</b> <i>(e.g. Spring, Winter, etc.)</i>	<b>Maximum amount of this gear type that will be deployed on the site</b> <i>(i.e. 200 cages, 100 lantern nets, etc.)</i>	<b>Species that will be grown using this gear type</b>
Marine Algae Culture lines	3/8" rope 1,000 ft long	October - June	14 culture lines	Marine Algae
Depth control buoys	Traditional lobster buoys	October - June	70 buoys	“
Mooring buoys	Poly balls or GoDeep Buoys	October - June	32 buoys	“

Mooring lines	3 strand nylon rope , 25ft	All year	32 lines	“
Mooring Chain	25ft long sections	All year	32 each	“
Lease corner markers	Low drag buoys	All year	4 buoys	“
Moorings- on each end of the culture lines	1,000 lbs concrete blocks	All year	32 each	“

**B. Maximum Structure and Mooring System Schematic**

*Directions:* Include drawings of your maximum gear layout. Include units referenced (i.e. 10in, 10ft, etc.).

1. Overhead View. Please include the following and label as “Overhead View”:
  - Maximum layout of gear, including moorings.
  - Length and width of project.
  - Approximate spacing between gear.
  - Lease boundaries and the location of proposed corner markers and any additional gear markers that would be present.

2. Cross-Section View. Please include the following and label as “Cross-Section View”:
  - 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.
  - Depth of gear in relation to the water’s surface at mean low water and mean high water (if applicable).

**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).

**C. On-Site Support Structures**

1. Describe structures such as barges, sheds, etc., to be located on-site. Provide a schematic and indicate the dimensions, including height above sea level, materials, etc.
N/A

2. Describe the storage and use of oil, gasoline, or other hazardous materials on site. If petroleum products are to be stored on site, provide a spill prevention plan.
N/A

**D. Gear Color**

Provide the color of the gear and structures proposed to be used at the lease site.

Orange Poly balls marking the four corners of the lease site and mixed style lobster buoys used as depth control buoys across the farm. *Required yellow marker bouys will also be present.*

**E. Equipment Layout**

Provide schematic or photographic renderings of the generalized layout of the equipment as depicted from two vantage points on the water. Provide the locations of the two vantage points.

**F. 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.

Yes  No

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

N/A

**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 ((617)-223-3293).



## 8. PRODUCTION ACTIVITIES

**Directions:** If you are cultivating more than one species, you will need to provide the following information for each species. Please attach additional pages if needed.

**A.** Please explain your proposed seeding activities. What months will seeding occur and how often will you be onsite to seed during this time.

Kelp seeding will take place between October 1st - December 31st (depending on seed availability) and will take roughly one week to complete.

In the future, red and green seaweed species would be deployed in late February, early March and could take 2-3 days to complete.

**B.** Please explain your proposed tending/maintenance activities.

Longlines will be monitored at a minimum of every two weeks and after any significant storm during the growing season. In the spring, (March & April) additional time at the site is needed to monitor for fouling and to add counterweights to the culture lines, as needed.

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

Longlines will be monitored at a minimum of every two weeks and after any significant storm during the growing season.

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

Harvesting will be done using my lobster boat. Longlines will be hauled using a winch mounted on deck and through a block hanging off a secured boom. Kelp will be cut by hand from the longline. Once the kelp is cut from the line it will be transferred by hand into harvest bags on the deck of the boat and then offloaded at the dock later that day.

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

I will be at the kelp farm on favorable weather days during the harvest season depending on market demand. Harvesting typically occurs between April and June. I estimate it could take 7-10 working days to harvest, depending on weather and kelp biomass. All species, current kelp

and future reds and greens, will be harvested to completion between April and June.

F. Will gear be on the site year-round?  Yes  No

G. 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 removed from the site.

Only moorings and required lease markings will remain on the site year round.

All culture lines and depth control buoys will be removed from the farm site once the kelp is cut from the line at harvest. The culture lines and depth control buoys will be brought to shore and stored for next season on my property.

H. Please provide details on any predator control techniques you plan to employ, including the use of bird deterrents. Will you use commercially available or custom equipment? If commercially available equipment, please include the brand and model names. If custom equipment, please attach a detailed schematic that includes the dimensions, materials, and function of the equipment.

No predator control techniques will be used on the proposed lease site.

I. 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)

N/A

**9. NOISE AND LIGHT**

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

**A.** What type of boats will be used on the site? When and how often will these vessels be on the site?

A lobster boat will be used to set and retrieve gear (moorings & longlines) and also used for harvesting operations. Skiffs will be used to seed the long lines in the fall and assist in tending the gear for detail oriented tasks.

**B.** What type of powered equipment (e.g. generator, power washer, grading equipment, barges, etc.) will be used on the site? When and how often will the equipment be used?

N/A

**C.** Specify how you intend to reduce noise levels from the boats and other powered equipment.

All seeding, monitoring and harvesting operations are done by hand on the boats and require no powered equipment. There will be minimum engine noise that will not exceed what is typical for traditional lobster fishing operations in the area. All farm work occurs during the day so there will be no noise after dark.

**D.** Provide the number, type (whether fixtures are shielded), wattage and location of lights, other than those used for navigation or marking, that will be used at the proposed lease site.

N/A

**E.** Indicate under what circumstances you might work at your site beyond daylight hours.

N/A

**10. CURRENT OPERATIONS**

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

<b>A. Describe your existing aquaculture operations, including the acronyms of all active leases and/or licenses.</b>
I currently hold 3 experimental leases: Pen RBx , PEN EIx , PEN NIx

<b>B. What are your plans for any existing leases and/or Limited Purpose Aquaculture (LPA) licenses if the lease is granted? Will any existing leases and/or LPA licenses be relinquished if the lease is granted? If so, please indicate which ones.</b>
Experimental lease (PEN RBx) is set to expire on 5/31/2022 and would be replaced with this standard lease application. Experimental Leases: PEN EIx & PEN NIx do not expire until 2023 and will continue to be operational.

**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).

<b>A. What are the approximate depths at mean low water?</b>
17ft at the NW corner and 30ft at the SE corner

<b>B. What are the approximate depths at mean high water?</b>
25ft - 30 ft

<b>C. Provide the approximate current speed and direction during the ebb and flow.</b>
1 knot N to S

<p><b>D.</b> 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.</p>
<p><b>1.</b> What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?</p>
<p>Gravelly mud</p>
<p><b>2.</b> Describe the bottom topography (flat, steep rough, etc.).</p>
<p>Flat bottom</p>
<p><b>3.</b> 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?</p>
<p>Small American lobster &amp; crabs which are all common and typically seen in the summer months of July &amp; August. These sightings are based on my observations over my 40+ years of fishing in this area.</p>
<p><b>4.</b> Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.</p>
<p>No shellfish beds, no known fish migration routes.</p>
<p><b>5.</b> 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.</p>
<p>None known</p>
<p><b>6.</b> Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)</p>
<p>The uplands of Elwell island is evergreen forest with a rocky shoreline</p>

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.

**12. EXISTING USES**

<p>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.</p>
<p><b>1. Commercial Fishing</b></p>
<p>Very limited to almost no lobstering takes place in the proposed area during the summer months of July &amp; August.</p>
<p><b>2. Recreational Fishing</b></p>
<p>Very limited fishing occurs only in the summer months (July &amp; August) when the farm is inactive and all culture lines and depth control buoys are removed from the site.</p>
<p><b>3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water)</b></p>
<p>None known</p>
<p><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></p>
<p>None known</p>
<p><b>5. Other uses (kayaking, swimming, etc.)</b></p>
<p>None known</p>

**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 the proposed lease.

None in use

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

None

**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>

None

### 13. 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.

Exclusive use of the sight would be requested. All boats would be asked to transit around the lease area to maintain farm gear and safe navigation for all users.

**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>
  
3. If any portion of the site is intertidal, you need to complete the steps outlined in the section titled: “19. Landowner/Municipal Permission Requirements”.

<p><b>B.</b> Will your access to the lease area be across riparian land?</p> <p><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p>
--

**Note:** If you selected yes, you will need to complete the landowner permission requirements included in “19. Landowner/Municipal Permission Requirements” of this application.

<p><b>C.</b> How will you access the proposed site?</p>
<p>Access to the proposed lease site will be by boat, leaving from Wheeler’s Bay, Penobscot Bay.</p>

<p><b>D.</b> How will your proposed activities affect riparian ingress and egress?</p>
<p>There will be no direct affect on riparian ingress and egress. There will be navigable waterways around all sides of the proposed lease site.</p>



**RIPARIAN LANDOWNER LIST**

\*THIS LIST MUST BE  
**CERTIFIED**\*

On this list, please show the current landowners' names and mailing addresses as listed in the municipal tax records for all riparian shorefront parcels within 1,000 feet of the proposed lease site along with the map and lot number for each parcel. **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 the parcels are within more than one municipality, provide a separate, certified riparian list for each municipality.

**TOWN OF:**

MAP #	LOT #	Landowner name(s) and address(es)
226	2.477 AC 015-005	Baxter Smith (Summer Resident on Eagle Island) 10023 Old Furnace Rd. Seaford, DE 19973
226	11 AC 017-199	Fiona Mary Balgrie Hooper (Full Time Resident of Elwell Island) BOBox 209 490 Port Clyde Rd. Tenants Harbor, ME 04860
226	8.1 AC 017-200	Maine Coast Heritage Trust One Bowdoin Mill Island, Suite 201 Topsham, ME 04086
226	6.3 AC 017-201	Peter J. Kunz (Season Resident on Elwell Island) 290 Upper Cherrtown Rd. Kerhonkson NY 12446
226	0.66 AC 017-203	Fredrick J. Mazzoni 80 Michigan Ave. Tenants Harbor ME 04860
230	1.816 AC 017-097	Michael A. Panzara & Emanuela Gussoni 73 Bacon St. Winchester, MA 01890

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

**CERTIFICATION**

I, Richard Erb Town Clerk for the Town of St. George 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: 10/5/2022

**15. TECHNICAL CAPABILITY**

Provide information regarding professional expertise. Attaching resume or documentation of practical experience necessary to accomplish the proposed project would satisfy this requirement.

I have been kelp farming for 5 years. Documentation of success is available using DMR's Landings program. I have participated in farmer training from both the Island Institute and Atlantic Sea Farms through their partner farmer program. I currently hold 3 experimental leases to farm kelp currently.

**16. FINANCIAL CAPABILITY**

A. Financial Capability

Please provide documentation to show you have the financial resources to implement the proposal. For example, you may submit a letter from a financial institution or funding agency indicating that you have an account in good standing, or their willingness to commit funds.

**Note:** Any financial information you submit with your application is part of the public record. Please exercise discretion when submitting financial information.

I currently own all gear necessary for implementation of the proposed lease.

B. Cost Estimates

Please provide cost estimates of the proposed aquaculture activities.

Roughly \$4,000.00 to maintain the cost of the ropes, buoys, and tending moorings per season. Vessels require an additional \$1,000.00 per season for maintenance and upkeep.

**18. 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 standard lease process.

Printed name: Keith R. Miller

Title (if corporate applicant): Owner

Signature: Keith R. Miller Date: 10/15/22

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(s) (i.e. President, Treasurer, etc.) of the individual(s) signing on the company's behalf.

**Additional Applicant:**

Printed name: \_\_\_\_\_

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**19. LANDOWNER/MUNICIPAL PERMISSION REQUIREMENTS (if applicable)**

**Directions:** If any portion of the site is intertidal, you need to complete the steps outlined below.

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

Pursuant to DMR Regulations Chapter 2.10(3)(G) the Department requires *written permission of every owner of intertidal land in, on, or over which the 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.

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: (Section 5) Vicinity Map

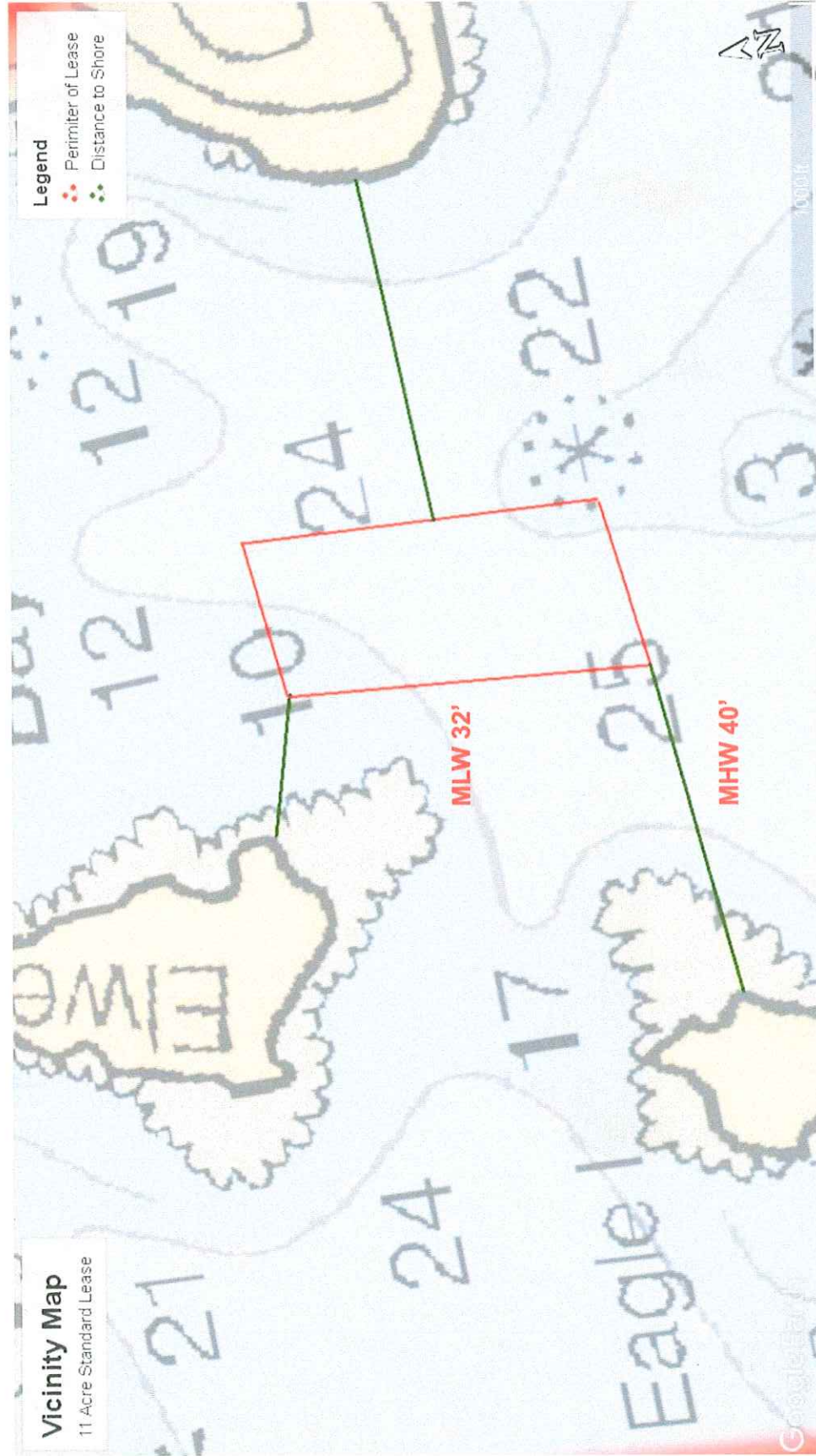


Figure 2: (Section 6) Boundary Drawing

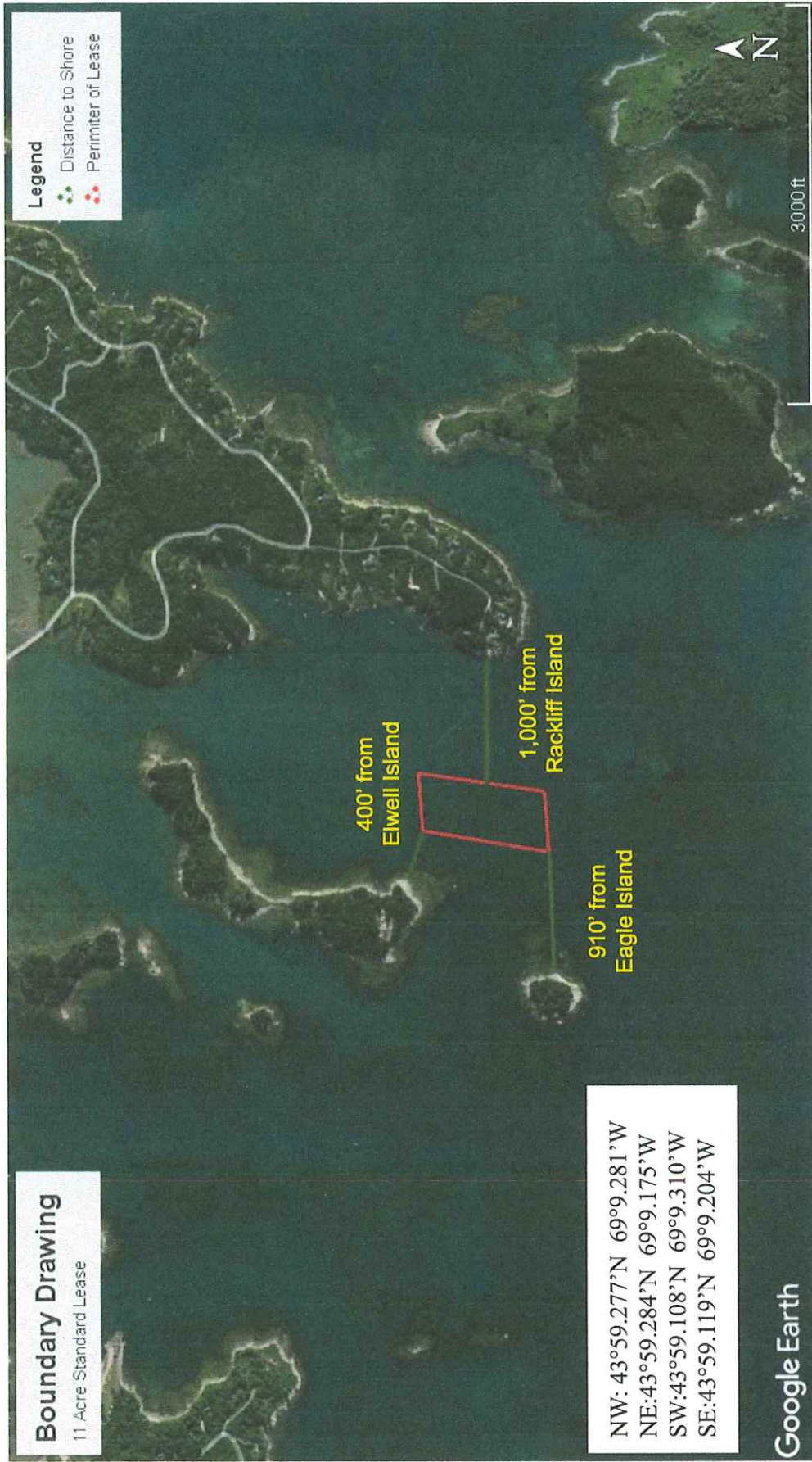
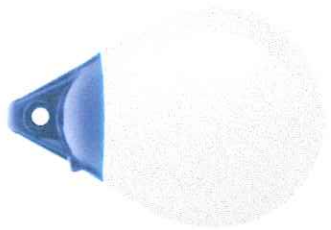


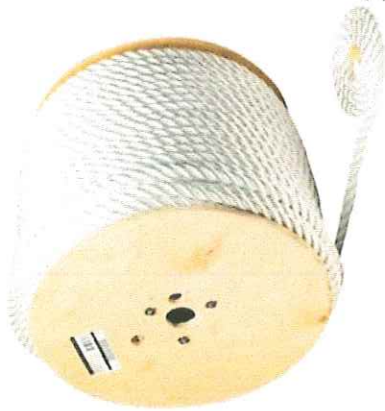
Figure 3: (Section 7.A.1.) Gear Drawing



3/8" rope for culture lines



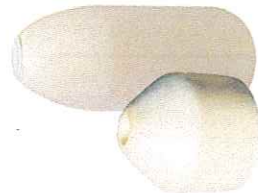
Polyball to mark moorings



3 strand Nylon mooring line



7ft of PVC schedule 40 for depth control lines.

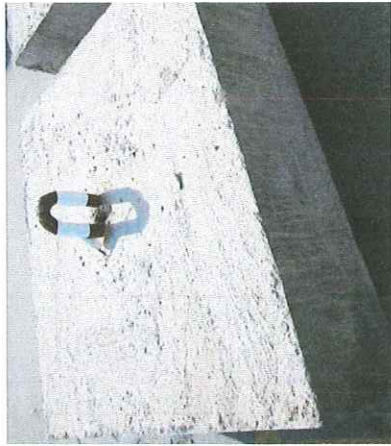


Lobster buoys used for depth control lines.

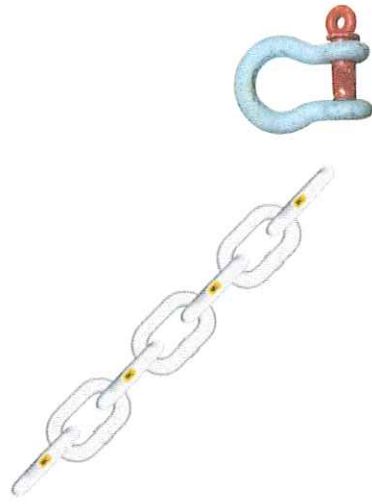


Low drag buoys for lease Corner Markers- Yellow

Figure 3: (Section 7.A.1.) Gear Drawing



1,000 lbs Mooring blocks with staple



Mooring Chain & Shackle



Figure 4: (Section 7.B.1.) Overhead View

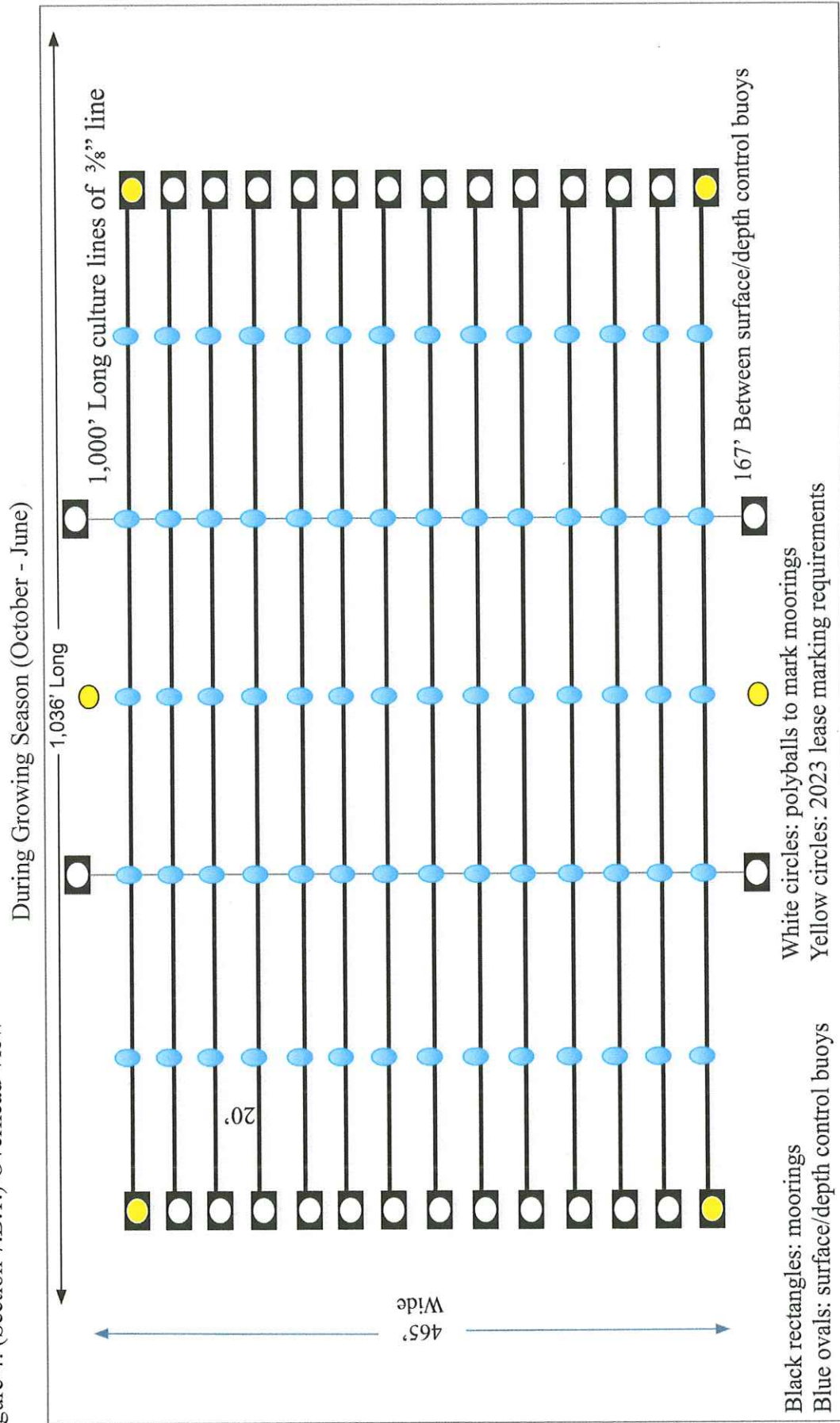


Figure 5: (Section 7.B.1.) Overhead View

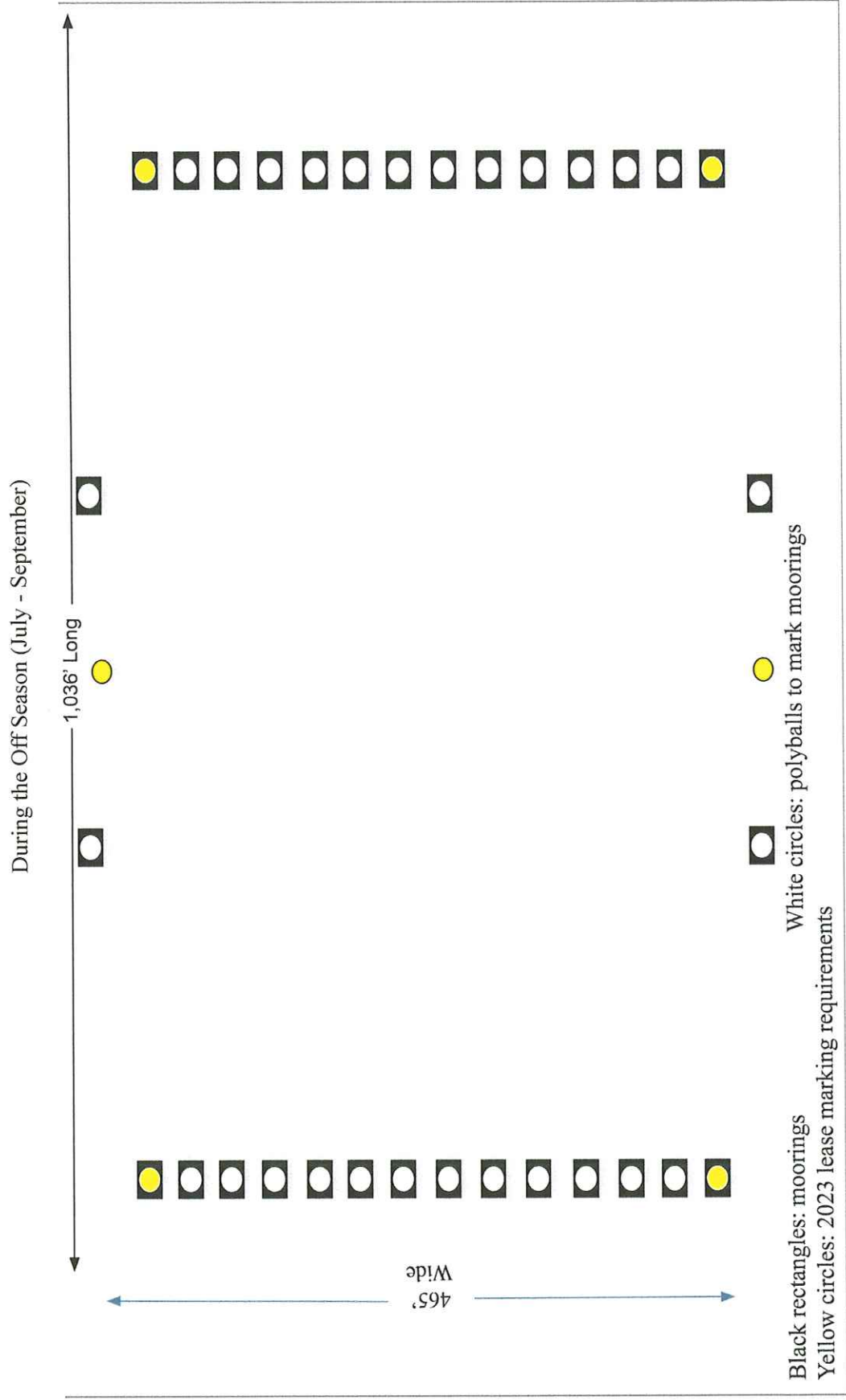


Figure 6: (Section 7.B.2.) Cross Section View  
 During Growing Season (October - June)

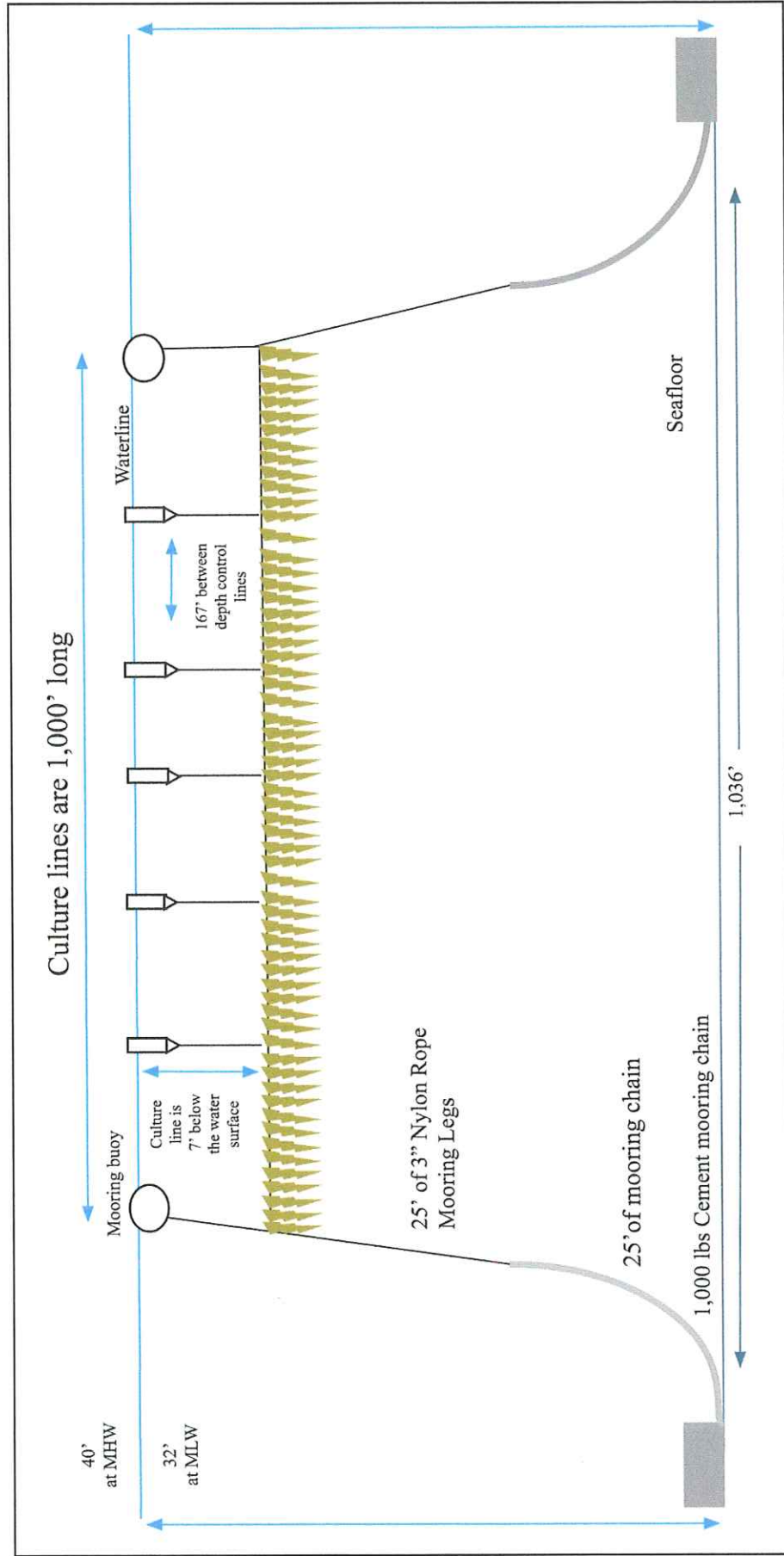


Figure 7: (Section 7.B.2.) Cross Section View

During the Off Season (July - September)

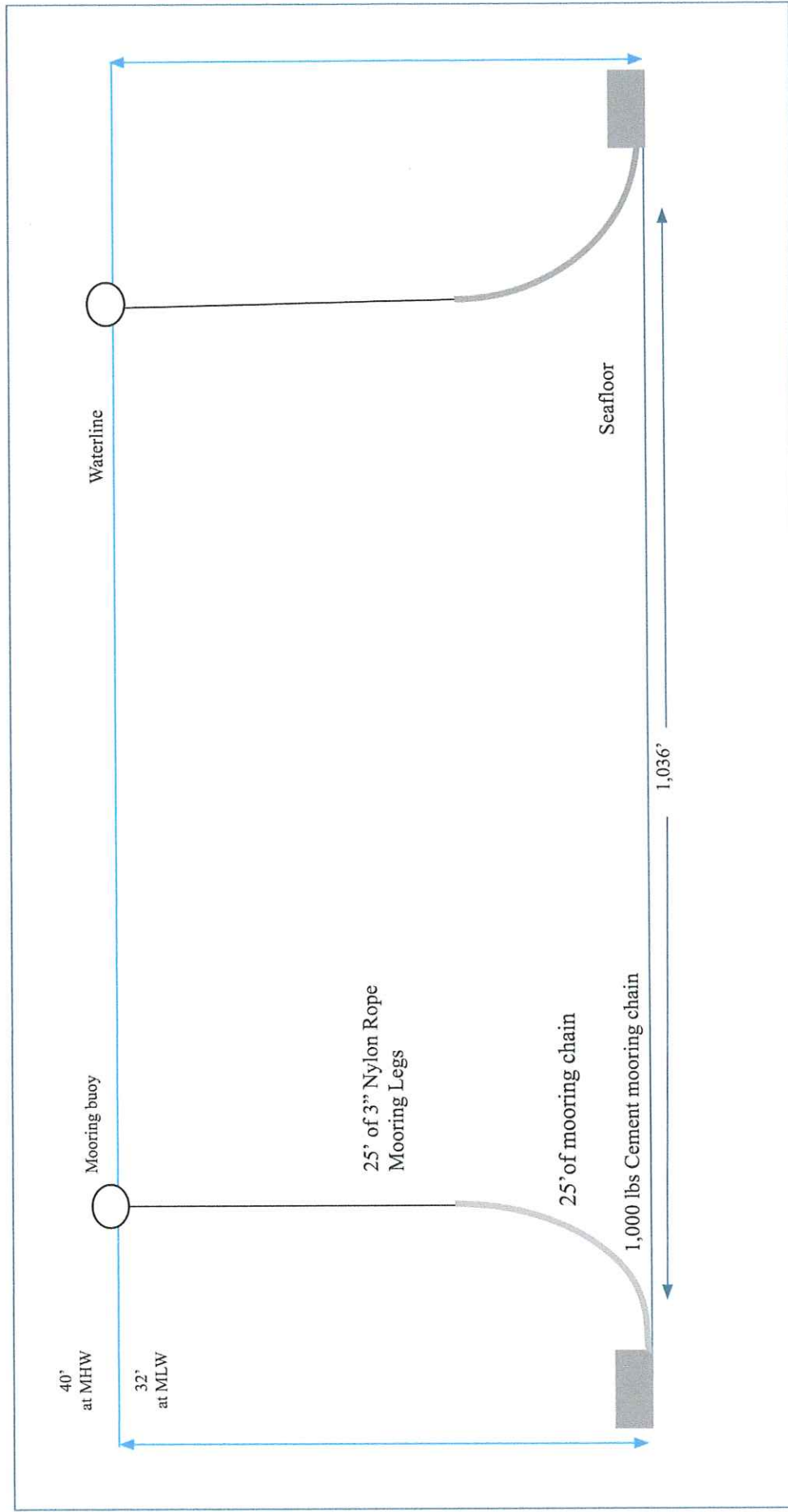


Figure 8: (Section 7.E.) Equipment Layout.

Vantage Point One: Looking SW towards Eagle Island, some white polyball mooring markers can be seen at the surface. An orange polyball also marks the lease boundary at the surface.

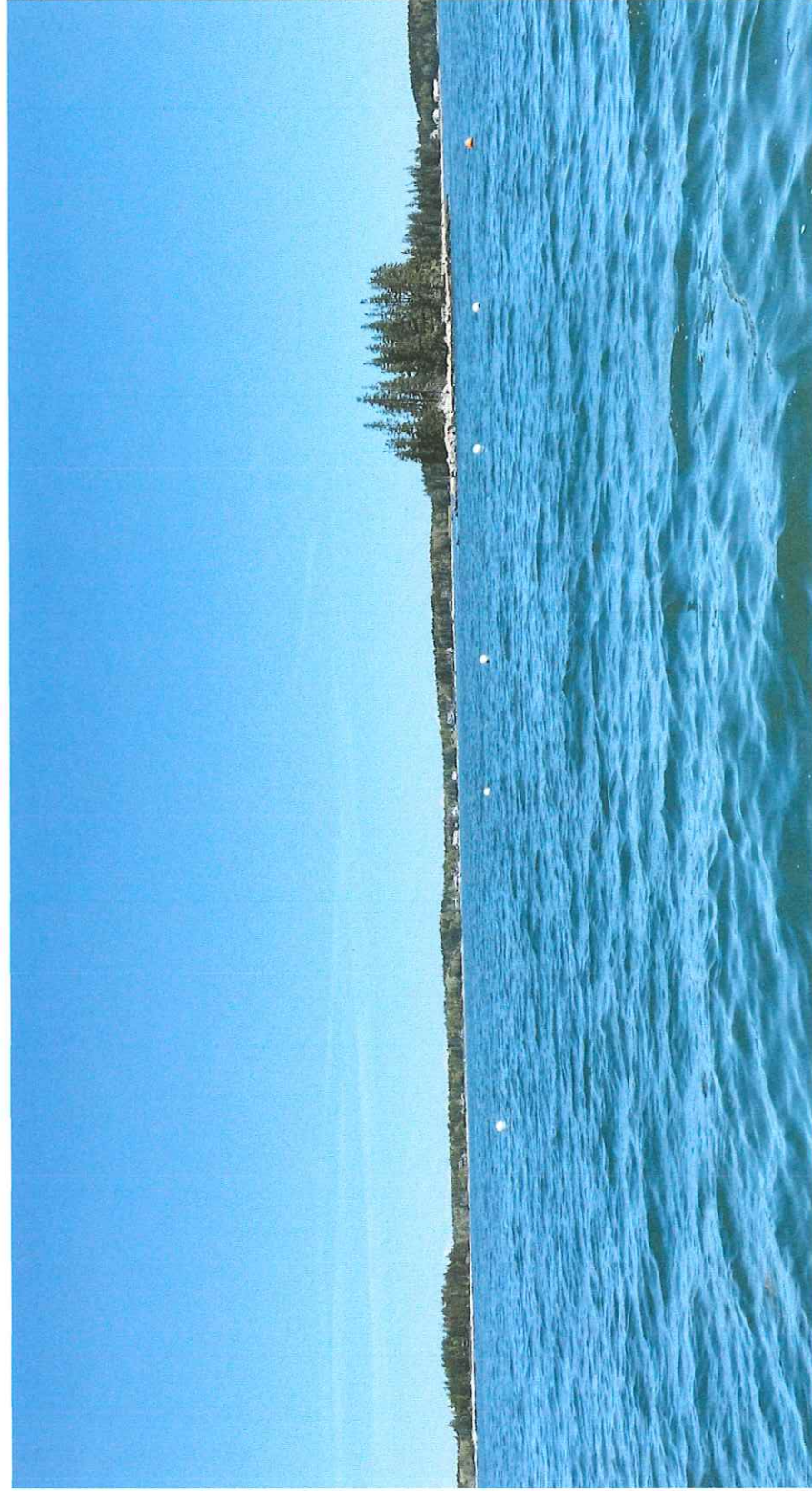


Figure 8: (Section 7.E.) Equipment Layout.  
Vantage Point Two: Looking NW towards Elwell Island, some white and red polyballs can be seen marking moorings at the surface.





Experienced people. Exceptional service.

August 5, 2022

Department of Aquaculture,

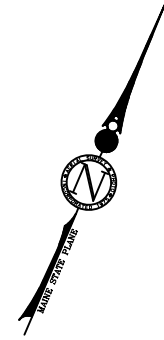
This letter is to certify that Keith Miller is in good financial standing with Machias Savings Bank.

A handwritten signature in cursive script that reads "Lisa Gundel".

Lisa Gundel

AVP/Branch Manager

PREPARED BY:  
 AERIAL SURVEY AND PHOTO, INC.  
 546 AIRPORT ROAD PO BOX 659  
 NORRIDGEWOCK, MAINE 04957  
 TEL: 207 634-2006 FAX 207 634-2008



M229  
 RAM ISLAND

M229  
 CALF ISLAND

1  
 0.661 AC  
 017-203  
 REC  
 HEN ISLAND

4  
 8.1 AC  
 017-200  
 REC  
 ELWELL ISLAND

5  
 6.3 AC  
 017-201  
 REC

3  
 11 AC  
 017-199  
 REC

2  
 2.477 AC  
 015-005  
 REC  
 EAGLE ISLAND

RACKLIFF ISLAND

M230

RACKLIFF ISLAND

M230

**NOTES:**

- 1) THIS MAP IS FOR ASSESSMENT PURPOSES ONLY AND IS NOT INTENDED FOR PROPERTY CONVEYANCE OR LEGAL DESCRIPTION.
- 2) REC = PARCEL ACREAGE FROM RECORDED PLAN OR DEED  
 DIG = PARCEL ACREAGE CALCULATED DIGITALLY



TOWN OF SAINT GEORGE  
 3 SCHOOL ST., PO BOX 131  
 TENANTS HARBOR, ME 04860

PARCEL NUMBER .....	23
PARCEL DIMENSION .....	161.21'
PARCEL AREA .....	2.456 AC
MATCH LABEL .....	P/O MAP 136 LOT 23
BUILDING FOOTPRINT .....	
RECORDED PLAN LOT NUMBER .....	14
OLD MAP-LOT NUMBER .....	013-007-00C
TIE LINE DIMENSION .....	147

**MAP LEGEND**

PARCEL BOUNDARY .....	
WATER LINE .....	
ROAD RIGHT OF WAY .....	
PAPER STREET .....	
EASEMENT LINE .....	
PRIVATE RIGHT OF WAY .....	
WETLAND EDGE .....	
TIE LINE .....	

APRIL 1, 2022

SCALE 1 INCH = 200 FEET

200 100 0 200 400 600 FEET

MAINE STATE PLANE COORDINATE GRID: EAST ZONE; NAD 1983; US FEET  
 PHOTOGRAPHY DATE: APRIL 20, 2004  
 PHOTOGAMMETRIC COMPILATION BY AERIAL SURVEY AND PHOTO, INC.  
 PARCEL MAP COMPILATION BY AERIAL SURVEY AND PHOTO, INC.

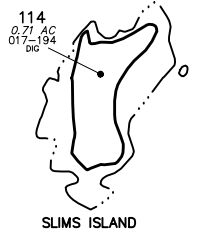
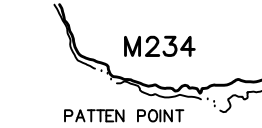
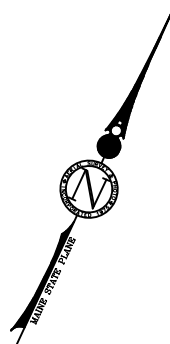
**INDEX DIAGRAM**

106	229	234
223	226	230

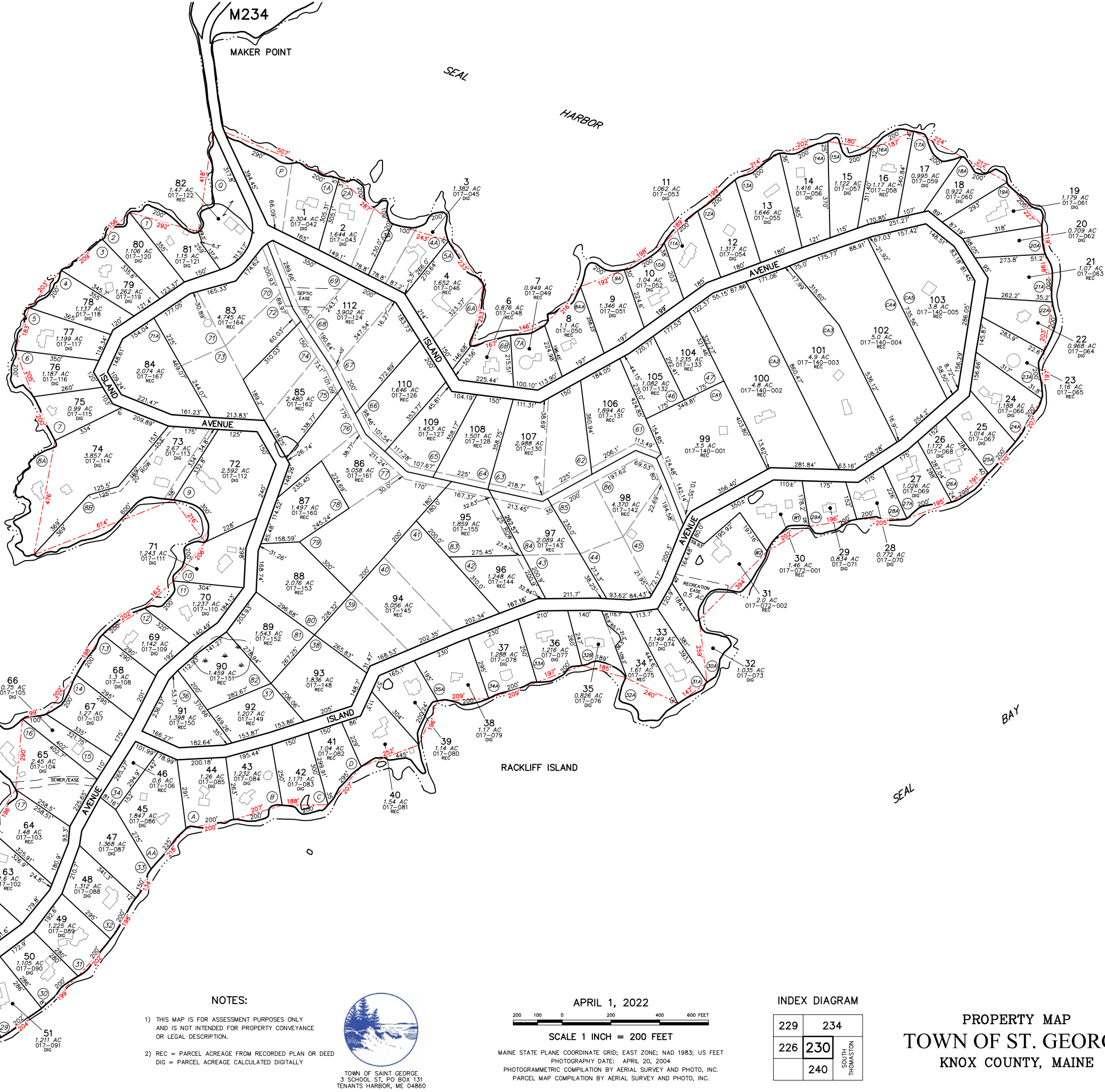
PROPERTY MAP  
 TOWN OF SAINT GEORGE  
 KNOX COUNTY, MAINE

226





PREPARED BY:  
 AERIAL SURVEY AND PHOTO, INC.  
 546 AIRPORT ROAD PO BOX 659  
 NORRIDGEWOCK, MAINE 04957  
 TEL: 207 634-2006 FAX 207 634-2008



**MAP LEGEND**

PARCEL NUMBER .....	23
PARCEL DIMENSION .....	161.21'
PARCEL AREA .....	2.456 AC
MATCH LABEL .....	P/O MAP 136 LOT 23
BUILDING FOOTPRINT .....	
RECORDED PLAN LOT NUMBER .....	14
OLD MAP-LOT NUMBER .....	013-007-00C
TIE LINE DIMENSION .....	147'
PARCEL BOUNDARY .....	
WATER LINE .....	
ROAD RIGHT OF WAY .....	
PAPER STREET .....	
EASEMENT LINE .....	
PRIVATE RIGHT OF WAY .....	
WETLAND EDGE .....	
TIE LINE .....	

**NOTES:**

- 1) THIS MAP IS FOR ASSESSMENT PURPOSES ONLY AND IS NOT INTENDED FOR PROPERTY CONVEYANCE OR LEGAL DESCRIPTION.
- 2) REC = PARCEL ACREAGE FROM RECORDED PLAN OR DEED  
 DIG = PARCEL ACREAGE CALCULATED DIGITALLY



TOWN OF SAINT GEORGE  
 3 SCHOOL ST., PO BOX 131  
 TENANTS HARBOR, ME 04860

APRIL 1, 2022

SCALE 1 INCH = 200 FEET

MAINE STATE PLANE COORDINATE GRID; EAST ZONE; NAD 1983; US FEET  
 PHOTOGRAPHY DATE: APRIL 20, 2004  
 PHOTOGRAMMETRIC COMPILATION BY AERIAL SURVEY AND PHOTO, INC.  
 PARCEL MAP COMPILATION BY AERIAL SURVEY AND PHOTO, INC.

**INDEX DIAGRAM**

229	234
226	230
	240

PROPERTY MAP  
 TOWN OF ST. GEORGE  
 KNOX COUNTY, MAINE

230