



## APPLICATION FOR CHANGE IN AUTHORIZATION FOR SPECIES and/or GEAR



Lease Acronym	MAQ MP
Leaseholder	Mere Point Oyster Co.
Contact Person	Daniel Devereaux or Doug Niven
Address	1087 Mere Point Road
City	Brunswick
State, Zip	Maine, 04011
Telephone	207-729-3651
Email	dougniven@merepointoyster.com

What type of amendment are you requesting (check one)?

Gear amendment only

**Instructions:** Review and complete sections 1, 3, 4, and 5 of this application

Species amendment only

**Instructions:** Review and complete sections 1, 2, 4, and 5 of the application

Gear and species amendment

**Instructions:** Review and complete each section of the application

## 1. Bird Deterrents

**BIRD DETERRENTS:** Suspended culture gear can attract birds that roost on the gear and defecate, potentially creating a pollution source impacting shellfish held within the gear. If you are applying to add shellfish species and/or suspended gear to your site, please include a description of mitigation or deterrent measures to minimize the potential pollution impacts of birds. If appropriate, include sketches or photos that clearly depict those measures put into practice.

Examples may include:

- Suspended gear and associated product would be submerged at a depth sufficient to deter roosting for at least two weeks before harvest
- Attaching physical deterrents (i.e. zip ties) to gear
- Only shellfish seed would be cultured
- Only adductor-only scallops would be cultured

N/A

## 2. SPECIES CHANGES

**SPECIES INFORMATION:** Indicate the species you wish to add or remove from your lease and list the source of stock for each species you wish to add.

Indicate "Add" or "Remove" from Lease	Species (common and Latin name)	Source of Stock (Name, address, & phone number)
N/A		

**CULTURE PLAN:** Please describe how you intend to cultivate each of the species you proposed to add to the lease using the table below. Please attach a separate table for each species you propose.

Information Requested	Proposed Species:
Seed Size	N/A
Number of Organisms to be Cultured	N/A
Stocking Density	N/A
Method of Culture and Dates (ex: April-Dec)	N/A
Method of Harvest and Timing (ex: Fall)	N/A
Predator Control Methods	N/A
Overwintering Plans/Dates (ex. Nov – Mar)	N/A

### 3. GEAR CHANGES

**GEAR INFORMATION:** Describe each gear type you wish to add to or remove from your current gear plan.

Specific Gear Type (e.g. soft mesh bag)	Add or Remove	Dimensions of Gear Added or Removed (e.g. 16"x20"x2")	Dates That Gear Will Be in The Water (Added gear only)
Expansion of our work float	Add	Work float expansion is 20' X 30'	This will be on our lease from May through mid December
seed shaker	Add	seed shaker is 4'W X 8'L X 5'H	This will be on our lease from May through mid December
Solar powered tumbler	Add	tumbler is 4'W X 13'L X 8'H	This will be on our lease from May through mid December
dip tank	Add	dip tank is 4'W X 4'L X 6'H	This will be on our lease from May through mid December
Canvas Sun Shade	Add	Shade is 16' X 20'	This will be on our lease from May through mid December

\*\*\* Attach the following drawings showing the proposed new gear. Use the plans in your Army Corps permit and/or DMR lease application as a starting point. Be sure to include:

- **Layout plan** showing:
  - placement of existing and new gear on lease site
  - north arrow
  - lease corners labeled
  
- **Cross-section view** showing:
  - mooring gear and
  - other gear
  - depths at MLW and MHW
  
- **Drawing of an individual piece of each new gear**, including:
  - dimensions and
  - materials and
  - numbers of each type of gear to be added

**Complete responses to the following questions (attach a separate sheet if needed):**

1. How does adding this gear change your existing operations?

Pease see the next page for this answer

2. Describe any changes in the number of trips to the lease site per day. If none, please write "none."

None, it actually will reduce the trips to the lease site as more work float space will enable us to have more oyster 'grow out' bags on the float at the start of the day. This will reduce the amount of required trips to shore for replacement bags.

3. Describe any changes in noise and level of on-site activity. If there are no changes, please write "none."

As described in number 1 above, on occasion, when staff is available, we may have both tumbler/sorters operating at the same time. However, these tumbler/sorters are constructed with plastic tubes (not aluminum, which is louder, like most farms use), solar/battery powered, producing low noise. The added noise (if any) would be negligible. The shaker runs on 110V AC. We will run this off our generator, which is already permitted on the lease. We will run the generator inside a small sound reducing 'doghouse' to limit/eliminate the noise. This shaker is common in the industry, which many oyster farms are using on their work floats and is common in the industry. The dip tank is commonly used by lobstermen and other oyster farmers. The noise produced by the dip tank is exactly the same as an oil furnace in a house. It is negligible noise at best. The shade and work float addition will provide no new noise.

## 1. How does adding this gear change your existing operations?

The addition of this equipment will be adding “tools” to our tool box.

**Tumbler/sorter:** The additional tumbler/sorter is exactly like the one we currently have permitted for our Lease (MAQ-MP). This added Tumbler/sorter will enable us to have redundancy in the case that one breaks down or the batteries run low (the tumbler/sorters are Solar powered with batteries). In addition, this second tumbler/sorter will allow us to have one set up as a “seed tube” with small holes and the other one set up as a “market tube” with larger holes. On occasion, when staff is available, we may have both tumbler/sorters operating at the same time. However, these tumbler/sorters are solar/battery powered, with a plastic tube (instead of the common metal tube) producing low noise. The added noise (if any) would be negligible.

**Shaker:** The shaker is commonly used within the industry for shaking, counting and sorting the seed oysters that are about one to two months old. This shaker runs on 110V AC. We will run this off our generator, which is already permitted on the lease. We will run the generator inside a small sound reducing ‘doghouse’ to limit/eliminate the noise. When the shaker is in operation, seed will gradually travel down the screen mesh and sort the seed by size. This is another tool that many oyster farms are using on their work floats and is common in the industry. This shaker may not be on the work float all the time.

**Dip Tank:** The dip tank is most commonly used by lobstermen on Lobster boats to dip lobster traps to help kill/control biofouling. The tank is filled with salt water and is heated to about 145 degrees. We will take fouled oyster bags that may have wild mussels attached to them and dip them in the tank to help us control the fouling and mussels. These tanks are being used by other farmers with some success. The water in the tank water is heated by a conventional oil furnace burner. The noise produced by this is exactly the same as an oil furnace in a house. It is negligible noise at best. This dip tank may not be on the work float all the time. It will be a tool that we want to use from time to time to help control sever mussel sets. This is part of the ‘try new things’ and ‘ingenuity’ that is critical as the industry and techniques change.

**Shade:** We are requesting to install a sun shade canvas over our work area to help with vibrio control and provide shade for our crewmembers. The sun can be very exhausting in this demanding work environment.

**Expanded work float:** Currently we are permitted for a 20’ X 30’ work float (which is three 10’X20’ rafts, married together). We are requesting to expand this by adding another 20’ X 30’ (which would be another three 10’X20’ rafts). All rafts would be married together to result in a 20’X60’ work float. The location of the work float on the lease would not change. The footprint of the work float would remain inside of our lease perimeter. This added space will allow the addition of the equipment above. In addition, as we are processing more oysters, we are simply in need of more space than the existing work float provides, resulting in a very cramped work environment creating a safety hazard for the crew.

4. Will gear remain on site during the winter?  Yes  No

If you selected "yes" use the space below to describe your overwintering plans. Please include the dates for overwintering.



## 4. Tax Maps and Riparian List

Is your existing lease within 1,000ft of shorefront land (which extends to mean low water or 1,650 ft. from shore, whichever is less)?

Yes       No

If yes, the following supporting documents are required:

### A. Tax Map

A labeled copy of the appropriate tax map(s) depicting the location of the lease site. If you are amending a multi-tract site, please include a tax map(s) for all tracts.

The map(s) needs to include the following elements:

- Label the map “Tax Map: Town of (name of town).”
- Legible scale
- Tax lot numbers clearly displayed
- The boundaries of the existing lease

### B. Riparian List

Please use the Riparian Landowner List (included on the next page) to list the name and address of every shorefront landowner within 1,000 feet of your existing lease. Have the tax collector or clerk of the municipality certify the riparian list.

**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 existing 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)

**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:** \_\_\_\_\_

## 5. Applicant Signature

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 lease amendment process.

Printed name: Douglas Niven

Title (if corporate applicant): Owner

Signature:  Date: 7-15-24

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: Daniel Devereaux

Title (if corporate applicant): Owner

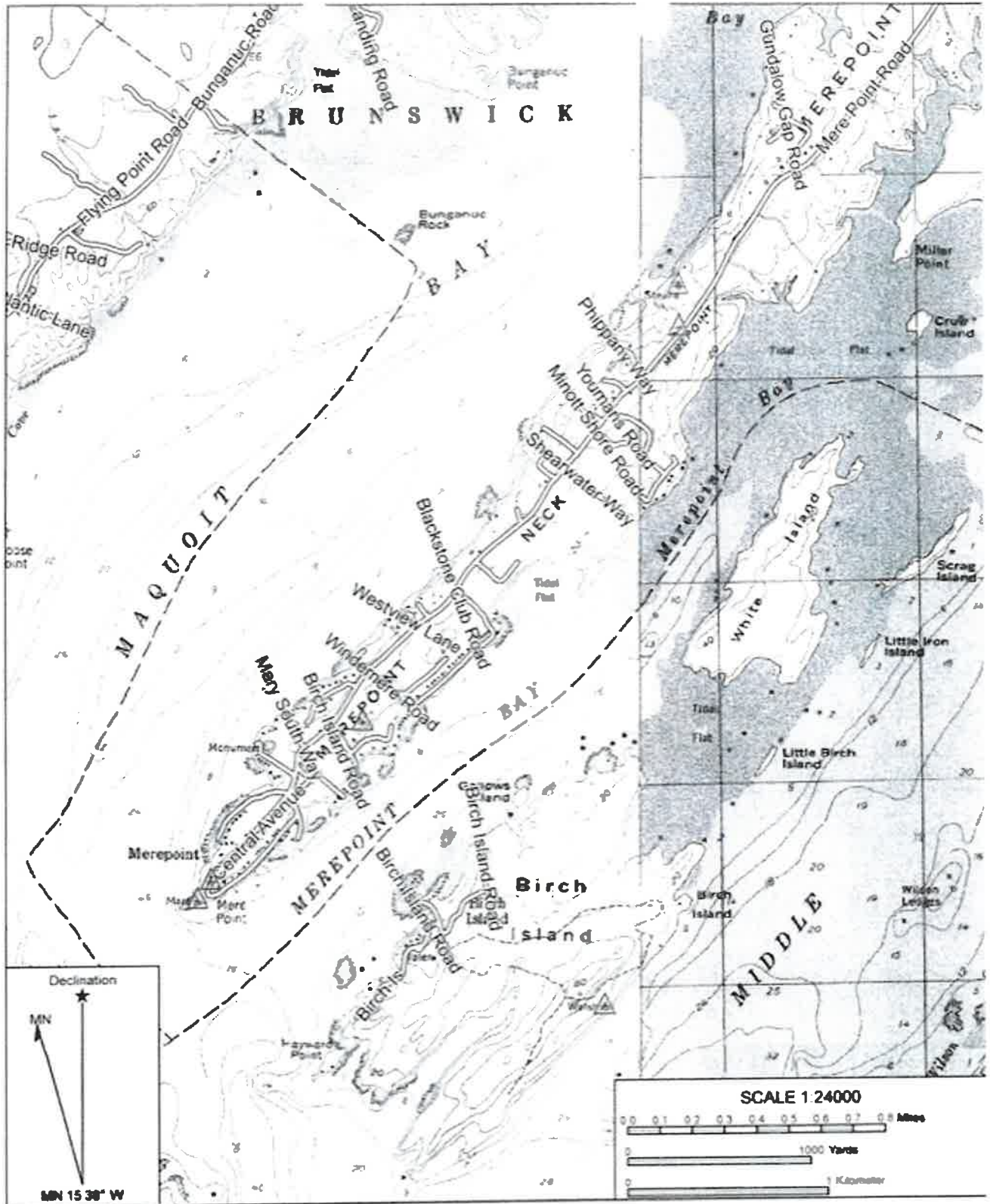
Signature:  Date: 7-15-24

## 6. Application Submission

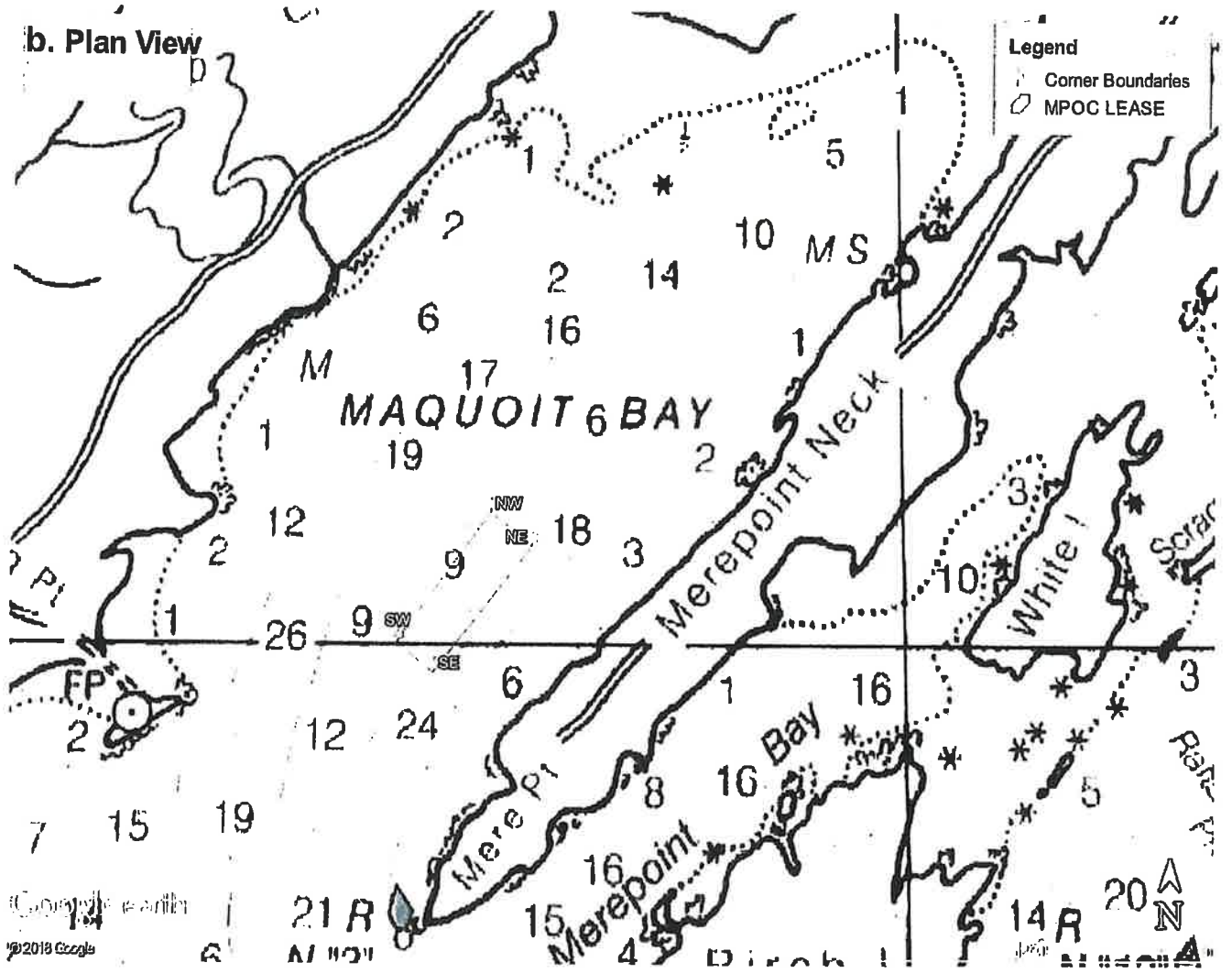
1. Please review your application for completeness and ensure all supporting documents are attached. You may submit your application to DMR via email or mail to the addresses provided at the beginning of the application.
  
2. After you submit your application, DMR will review the proposed changes and contact you if additional information or action is required.
  
3. DMR will notify you when the application has been deemed complete.
  
4. After the application is deemed complete, DMR will establish a 14-day comment period. Personal notice of the proposed amendment(s) are provided to any riparian landowners within 1,000 feet of the existing lease and the municipality where the lease is located. Notice of the request will also be published on DMR's website. After the close of the comment period, DMR will render a final decision on the requested amendment(s).

Please be sure you have included the following (if applicable):

Species Amendment	Gear Amendment
<input type="checkbox"/> Tax map  <input type="checkbox"/> Certified riparian landowner list	<input type="checkbox"/> Copy of existing Army Corps Permit  <input type="checkbox"/> Layout plan  <input type="checkbox"/> Cross section view  <input type="checkbox"/> Drawing of new gear type  <input type="checkbox"/> Tax map  <input type="checkbox"/> Certified riparian landowner list



b. Plan View





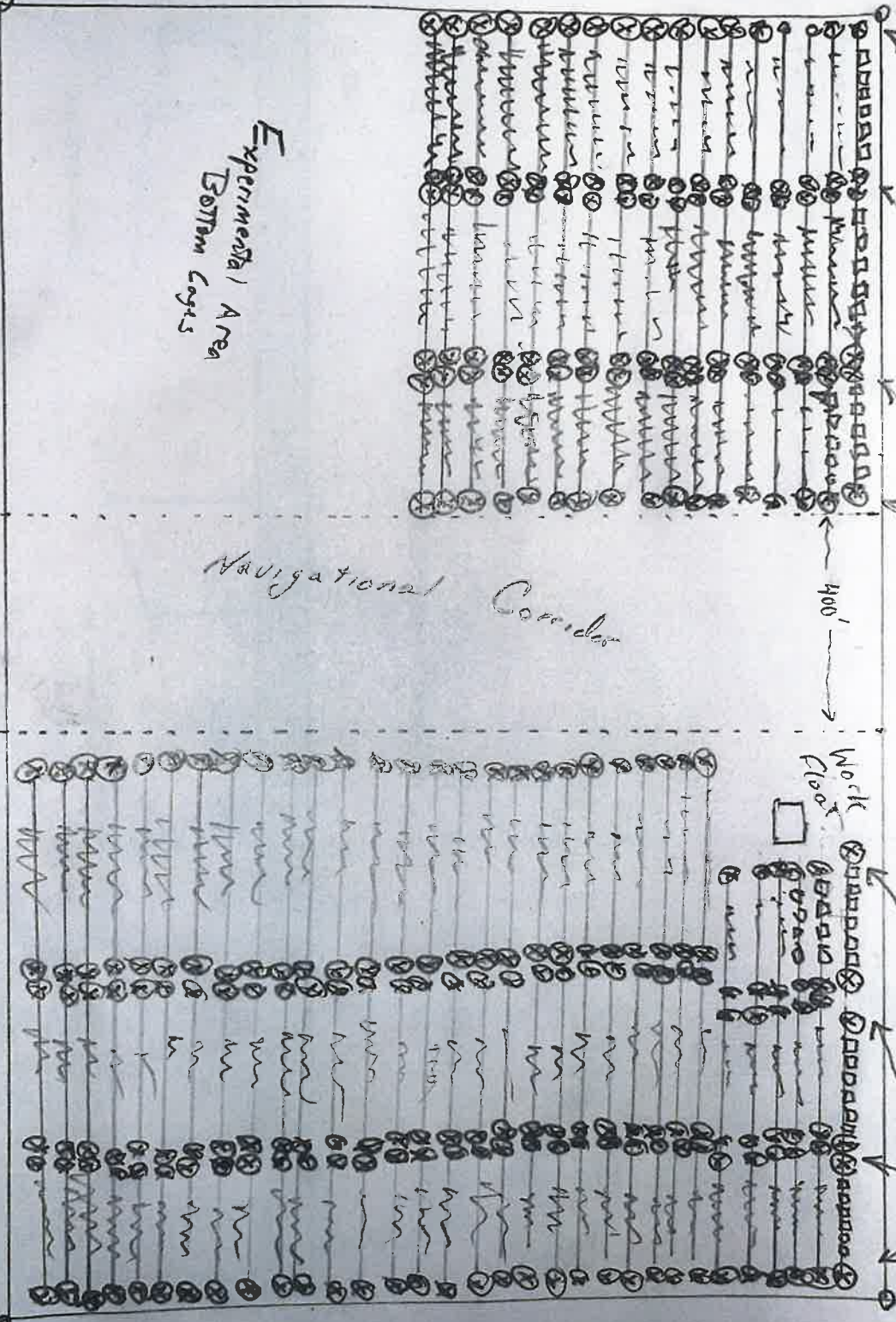
SE

SW

NST to Scale

Experimental Area  
Bottom Cores

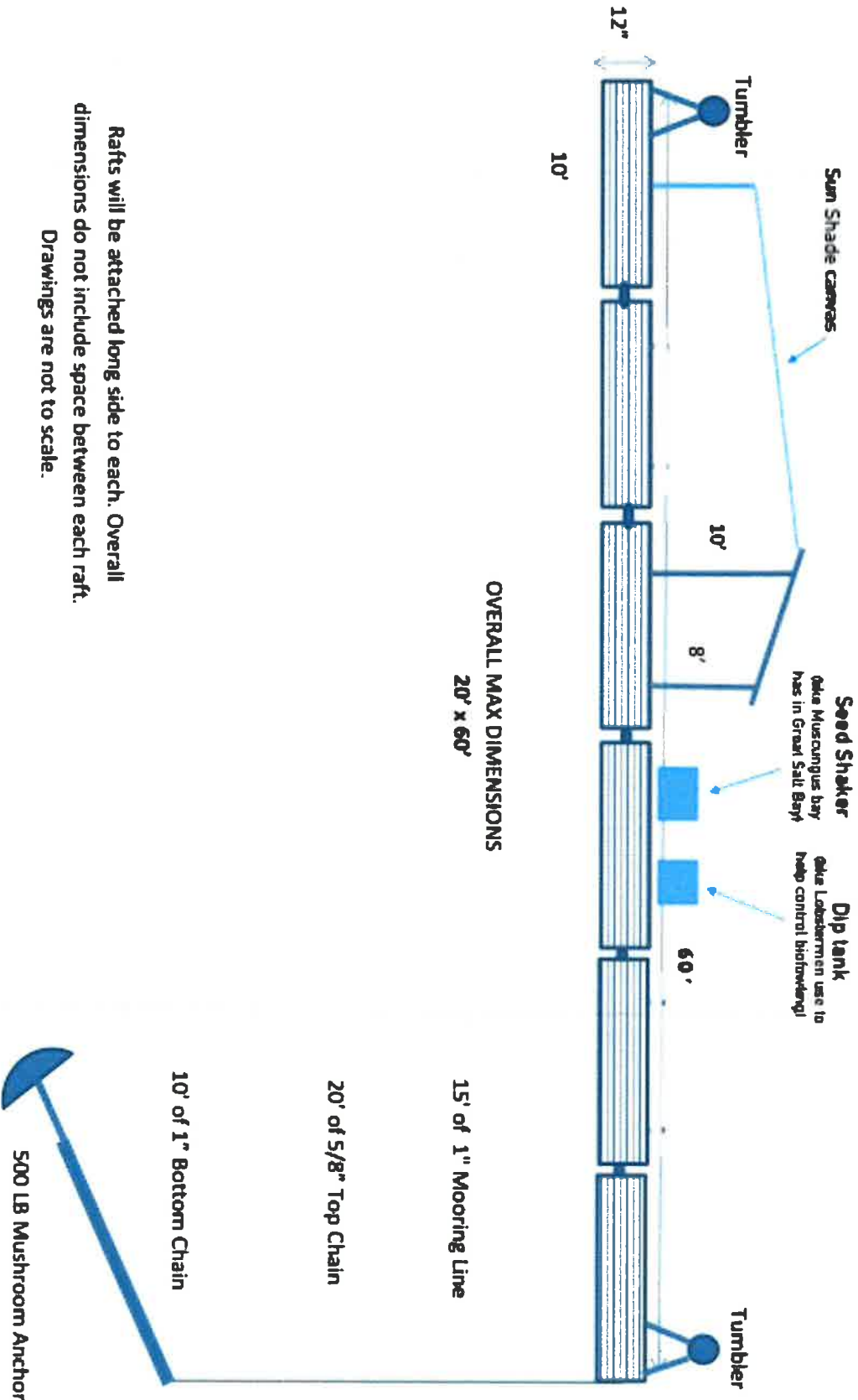
Navigational Corridor



to be replaced with Helical anchors

## FLOAT DIMENSIONS – Side View

(Maximum of (6) Minimum of (3) 10' x 20' rafts ~ 500LB Mooring)



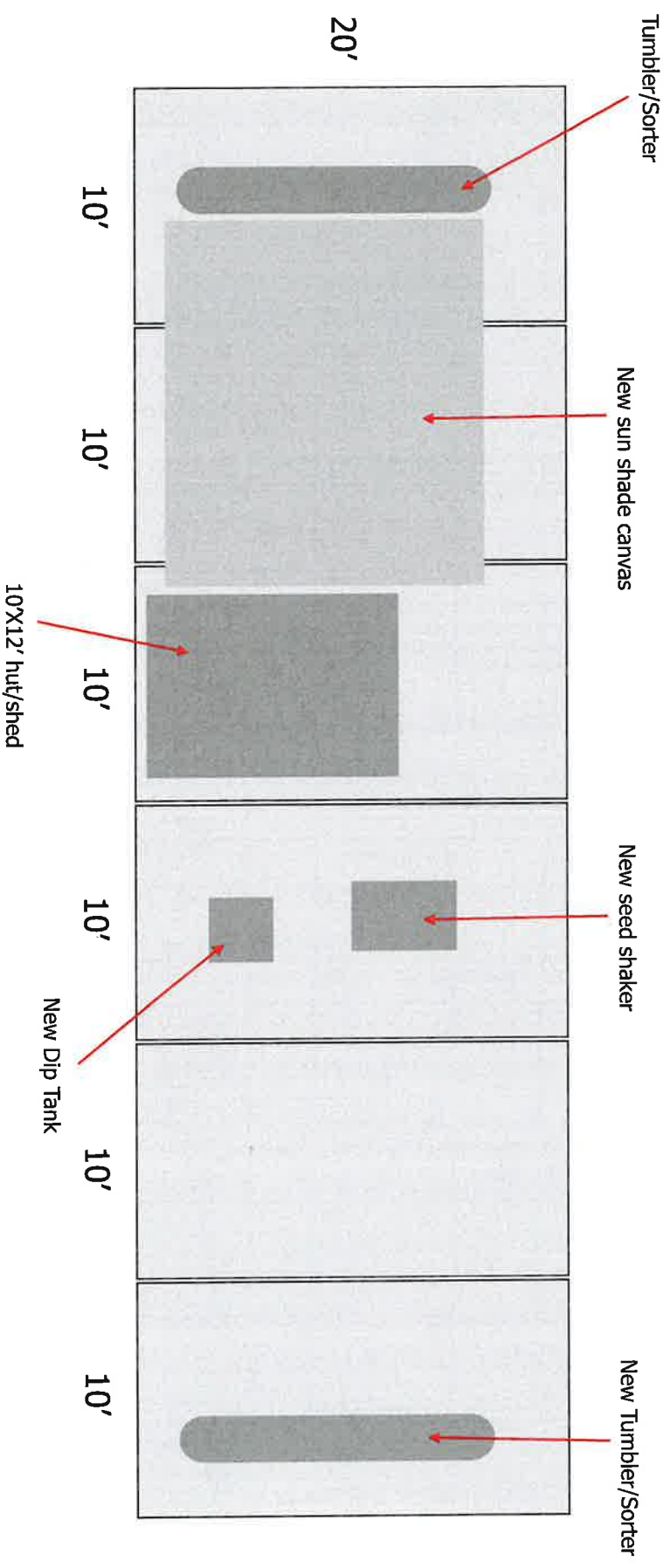
Rafts will be attached long side to each. Overall dimensions do not include space between each raft. Drawings are not to scale.

MERE POINT OYSTER CO. C/O DOUGLAS NIVEN  
BRUNSWICK MAINE - MAQUOIT BAY



# Float Dimensions - Top View

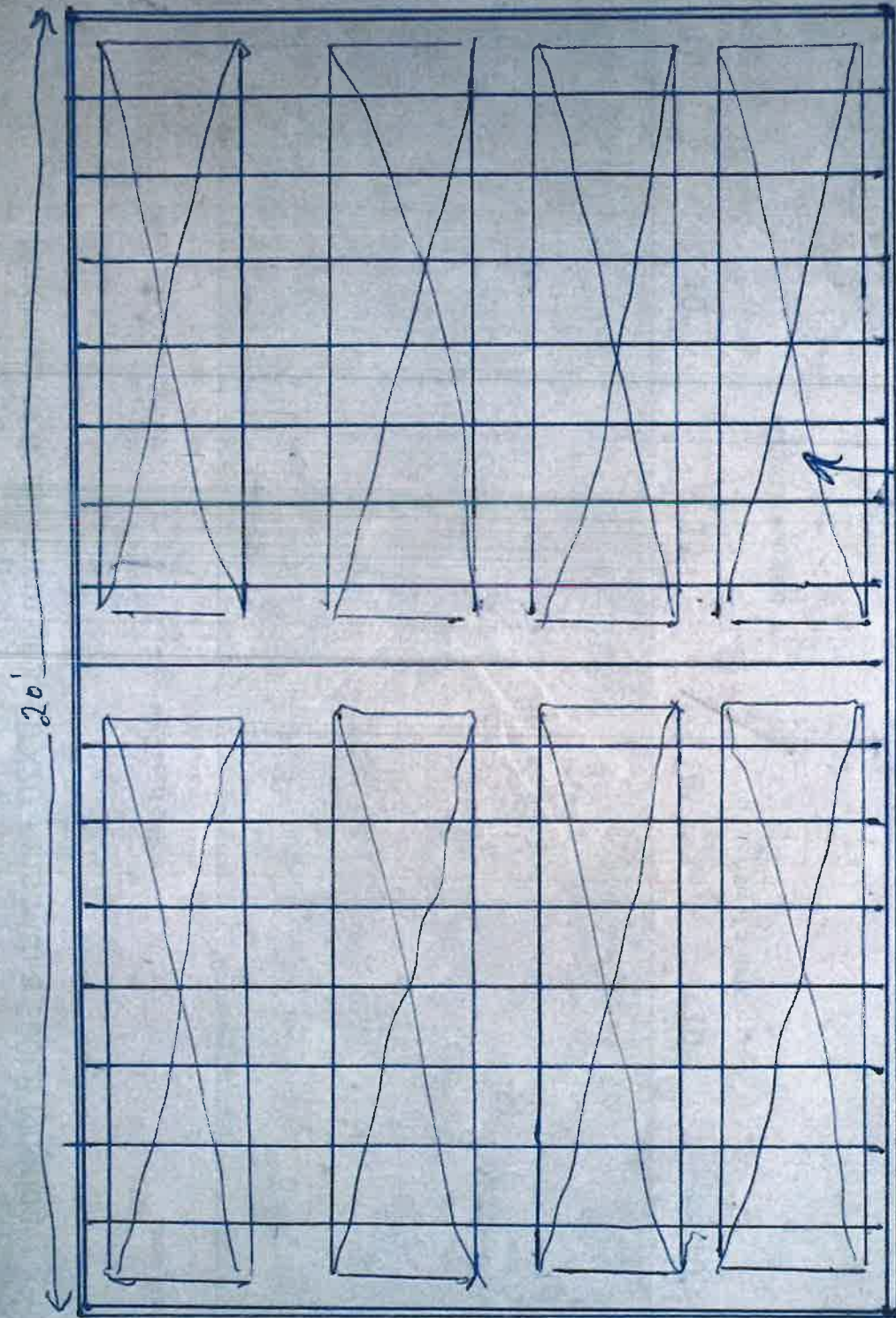
Maximum of 6, minimum of 3, 10'X20' rafts with a 500LB Mooring



Not to scale

Overview of a single raft

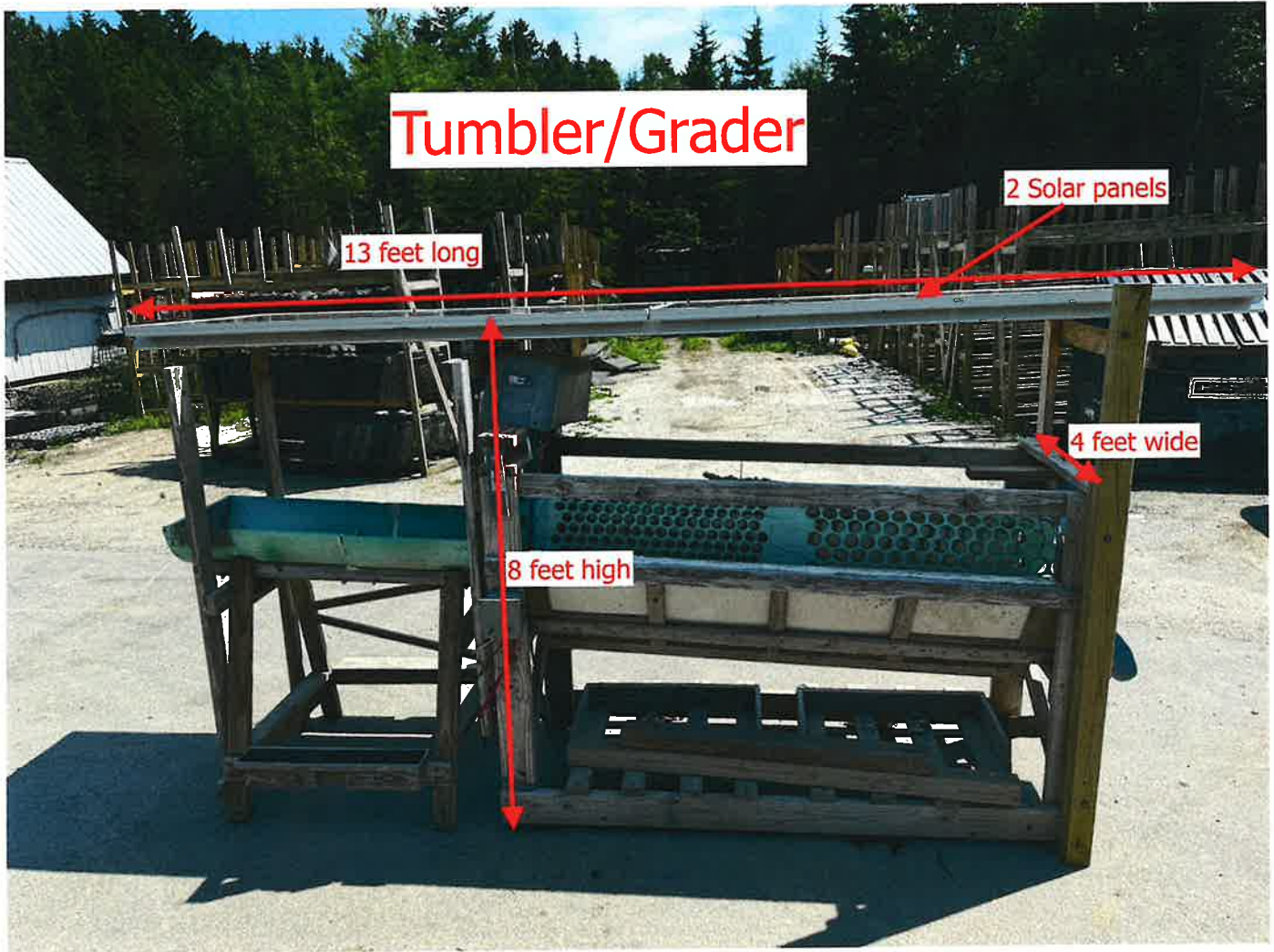
10' x 20' Work Flat/raft

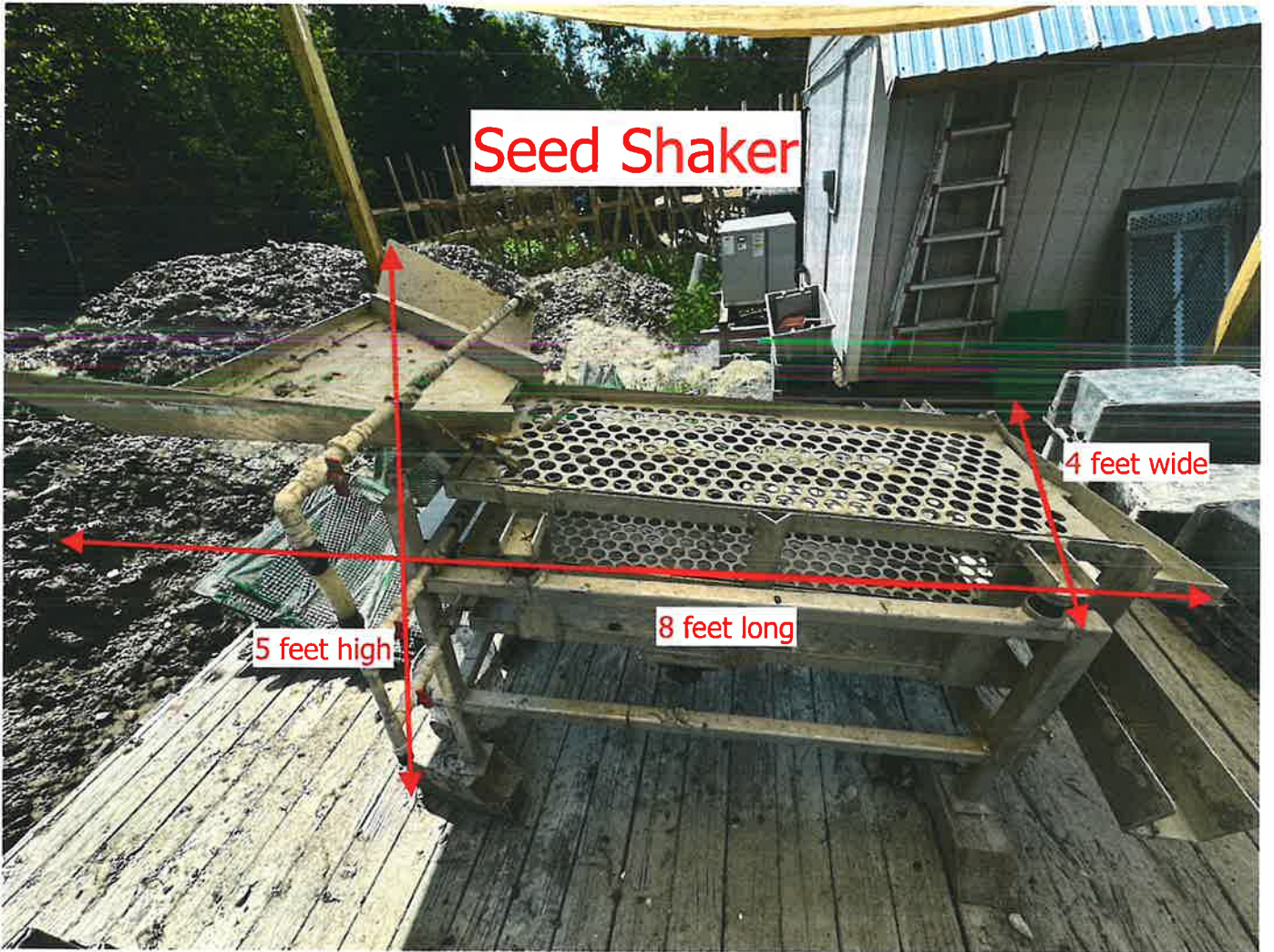


Styrofoam buoyancy billets  
10" x 20" x 96" (8 total)

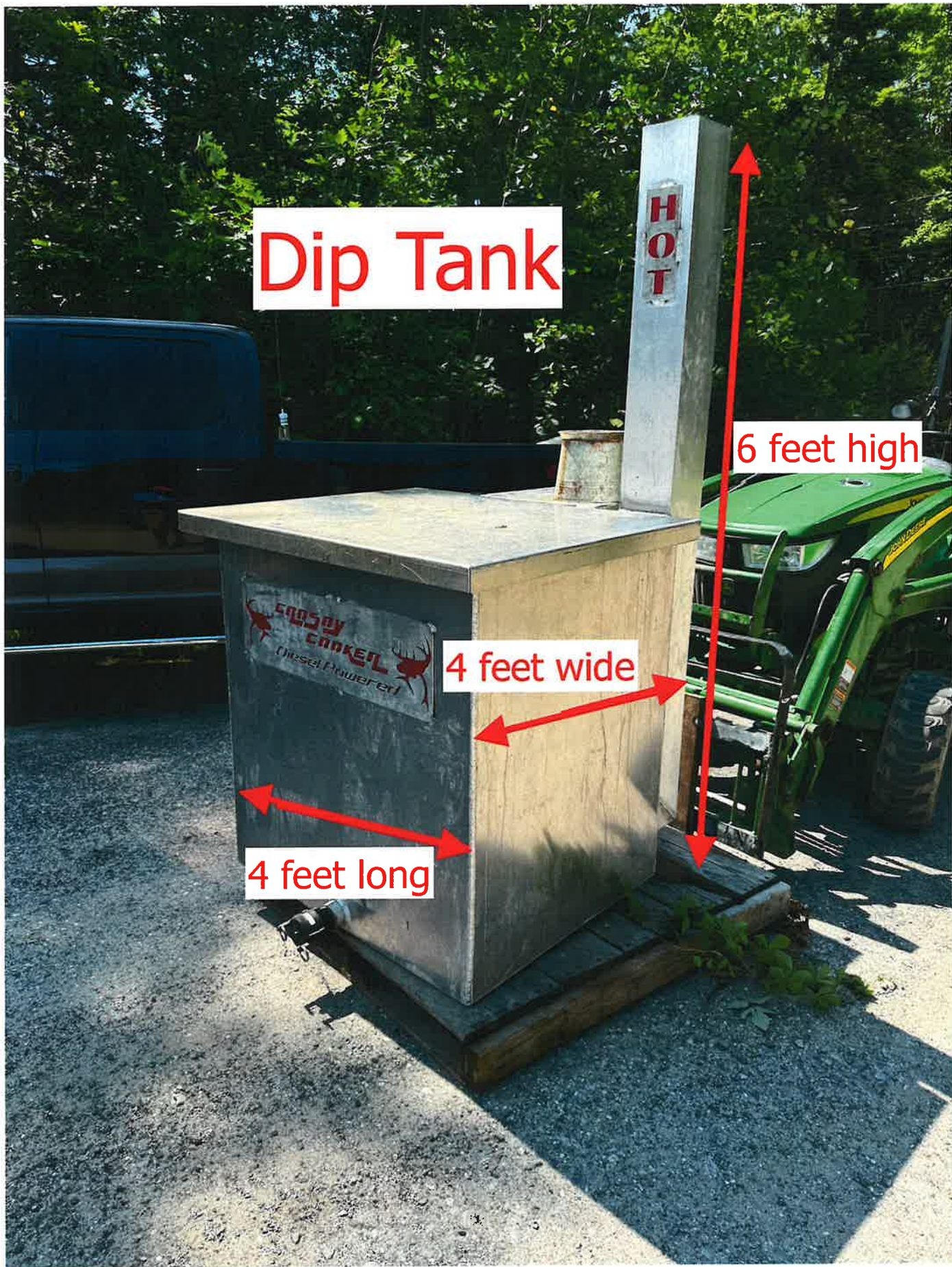
2" x 10" Stringers (Pine)  
2" x 6" decking (Pine)











Dip Tank

6 feet high

4 feet wide

4 feet long



Ruler

Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length: 1,307.22 Feet

Ground Length: 1,307.22

Heading: 132.16 degrees

Mouse Navigation Save Clear



# Brunswick, ME

Contact

MAP MQ



GIS





- Legend**
- Other Road
  - Hydrography Line
  - ROW Property Access
  - Town Boundary
  - Other Lot Boundary
  - Parcels Lines
  - Public Road
  - Private Road
  - Water

This information is presented as a service to the public and is not guaranteed and is not to be used for any purpose other than the Town of Brunswick, and the user shall be responsible for the accuracy of the information.



1 inch = 100 feet

Revised to: April 1, 2016  
Maps Prepared by:  
Town of Brunswick

# MAP MP2



This is the lot that is  
1300 feet from the lease

**MP2**

115  
Classification 1990