

To: Town of Rowley (Conservation Commission)
From: Daniel A. Terry
Address: 13 Jellison Street, Rowley, MA 01969
Subject: Aquaculture Farm
Date: 12/23/2023

Aquaculture Plan

I am seeking a 2 acre lease in Mud Creek river bounded by the following Global Positioning System (GPS) coordinates as follows:

Latitude	Longitude
42.75156°N	- 70.83726°W
42.75151°N	- 70.83704°W
42.75127°N	- 70.83781°W
42.75110°N	- 70.83768°W
42.75125°N	- 70.83838°W
42.75106°N	- 70.83850°W
42.75217°N	- 70.83945°W
42.75204°N	- 70.83968°W
42.75235°N	- 70.83996°W
42.75214°N	- 70.84001°W

The lease of this area will follow the existing “Town of Rowley Shellfish Leasing Rules and Regulations” and be bound by the terms and conditions therein, including payment of required annual fees for exclusive use. The lease’s initial term is for three (3) years, with an option to renew for subsequent five (5) year terms.

All aquaculture grow out gear will be permitted in accordance with in G.L. c. 91, § 10A, with the Rowley Harbormaster at the standard rate, currently \$5 per foot.

The proposed license is subject to all pertinent sections of G.L. c. 130, § 59, as all fees, rules and regulations, terms and covenants adopted by the Rowley Board of Selectmen.

This plan is a proposal for an Aquaculture Farm located in Mud Creek contained within the GPS coordinates as previously described. The property is located within Rowley's conditionally approved shellfish and aquaculture zone. Also, Rowley is a Right to Farm community and the waterway is in an area designated by the Commonwealth of Massachusetts, Department of Natural Resources (BK 5690, PG 371; as an area permitted for the "cultivation and harvesting of shellfish", this is a request to farm using Mud Creek waterway.

Activities will include planting, transplanting, growing, and shellfish including but not limited to, oysters, scallops, mussels, quahog with the primary focus on oysters and scallops. Other activities will include using the aqua farm as an educational tool to help the general population understand and appreciate the importance of these mollusks and their impact on local estuaries.

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Figure 1: Aerial layout of lease area with GPS coordinates

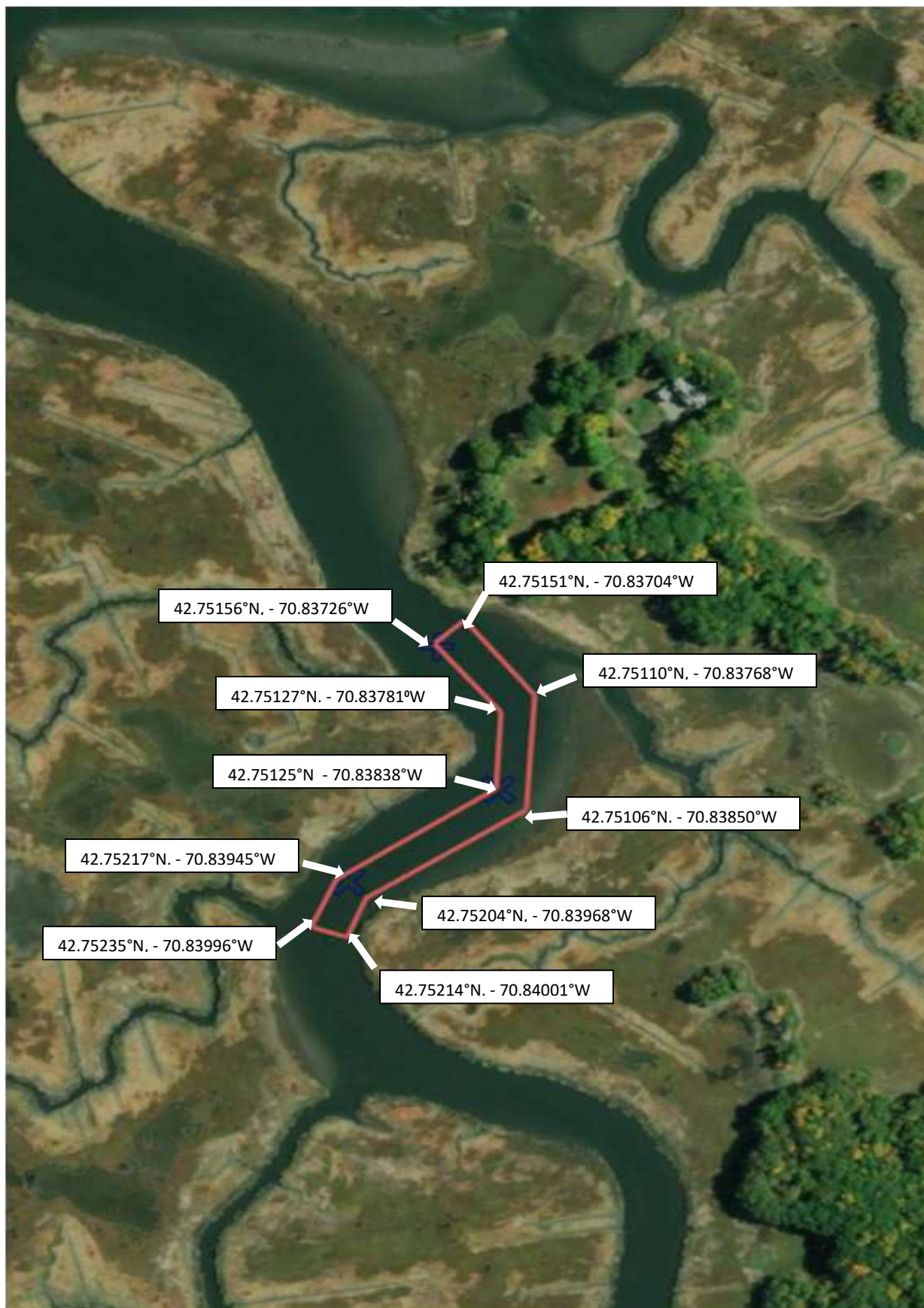


Figure 2: Aerial layout of lease area with boundaries

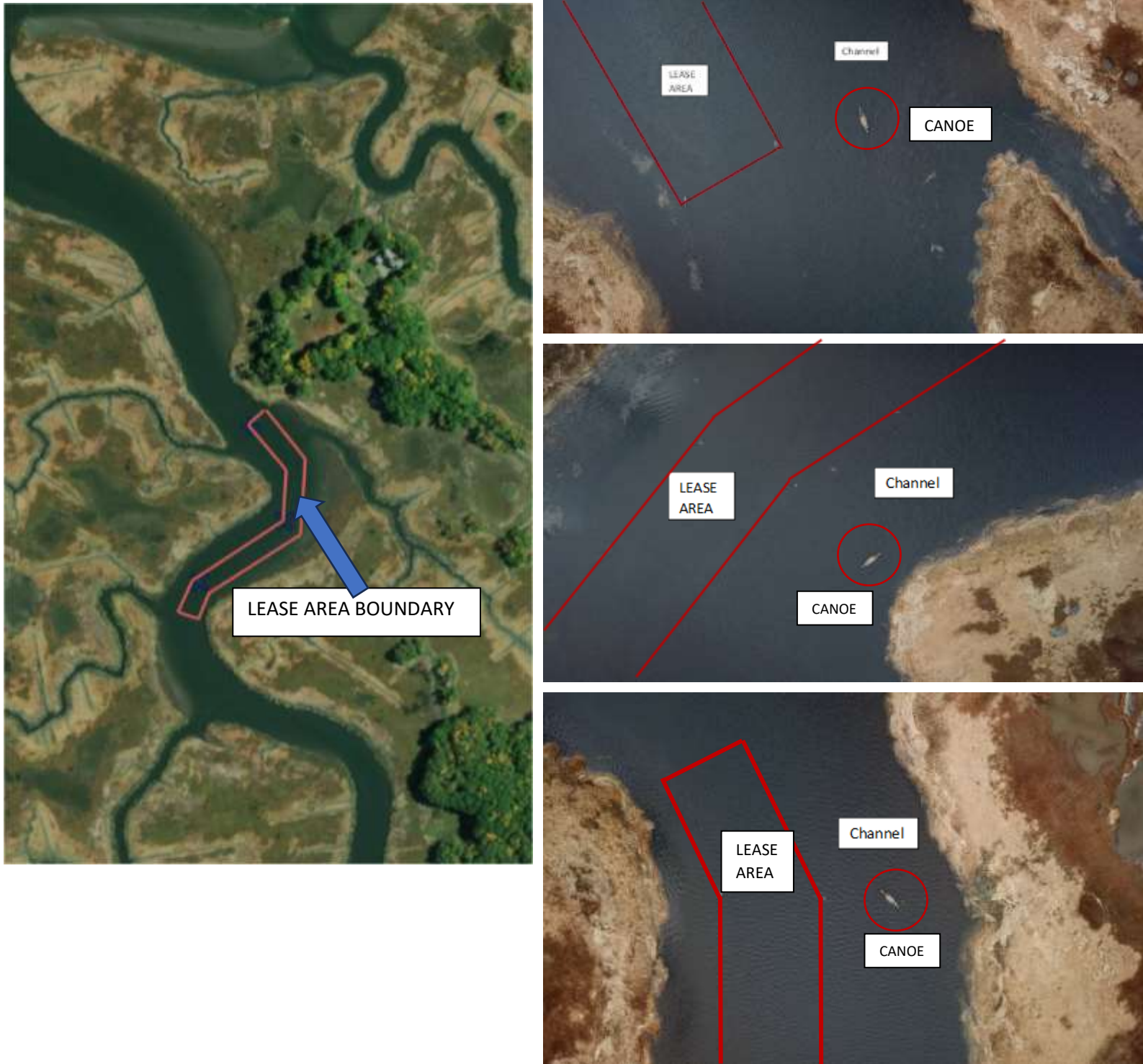


Figure 3: Topographic map of the area and adjacent marsh property



Owner: TRS ESCO CHANDLER FAMILY TRUST
 Owner Address:
 195 PATMOS RD
 ROWLEY, MA 01969

Building Value: \$0
Land Value: \$3,200
Other Value: \$0
Total Value: \$3,200

Assessment data from FY 2023

Lot Size: 4.00 Acres
 Last Sale Price: \$1
 Last Sale Date: 20220623
 Use Code: 2020
 Year Built:
 Residential Area: 0 Sq. Ft.
 Building Style: Vacant Land
 Number of Units: 0
 Number of Rooms:

Book, Page: 30443, 0406
 Property ID: 35-4
 Location ID: M_254225_944557

**190 PATMOS RD
 ROWLEY 01951**

Owner: ESSEX COUNTY GREENBELT ASSOC INC
 Owner Address:
 82 EASTERN AVE
 ESSEX, MA 01929

Building Value: \$0
Land Value: \$6,800
Other Value: \$0
Total Value: \$6,800

Assessment data from FY 2023

Lot Size: 8.07 Acres
 Last Sale Price: \$0
 Last Sale Date: 19911213
 Use Code: 9500
 Year Built:
 Residential Area: 0 Sq. Ft.
 Building Style: Vacant Land
 Number of Units: 0
 Number of Rooms:

Book, Page: 11054, 0378

**STACKYARD RD
 ROWLEY 01951**

Owner: U S FISH & WILDLIFE SERVICE
 Owner Address:
 300 WESTGATE CENTER DR
 HADLEY, MA 01035

Building Value: \$0
Land Value: \$743,900
Other Value: \$0
Total Value: \$743,900

Assessment data from FY 2023

Lot Size: 800.00 Acres
 Last Sale Price: \$0
 Last Sale Date: 19450123
 Use Code: 9000
 Year Built:
 Residential Area: 0 Sq. Ft.
 Building Style: Vacant Land
 Number of Units: 0
 Number of Rooms:

Book, Page: 3408, 0278

Figure 4: Topographic map quadrangle

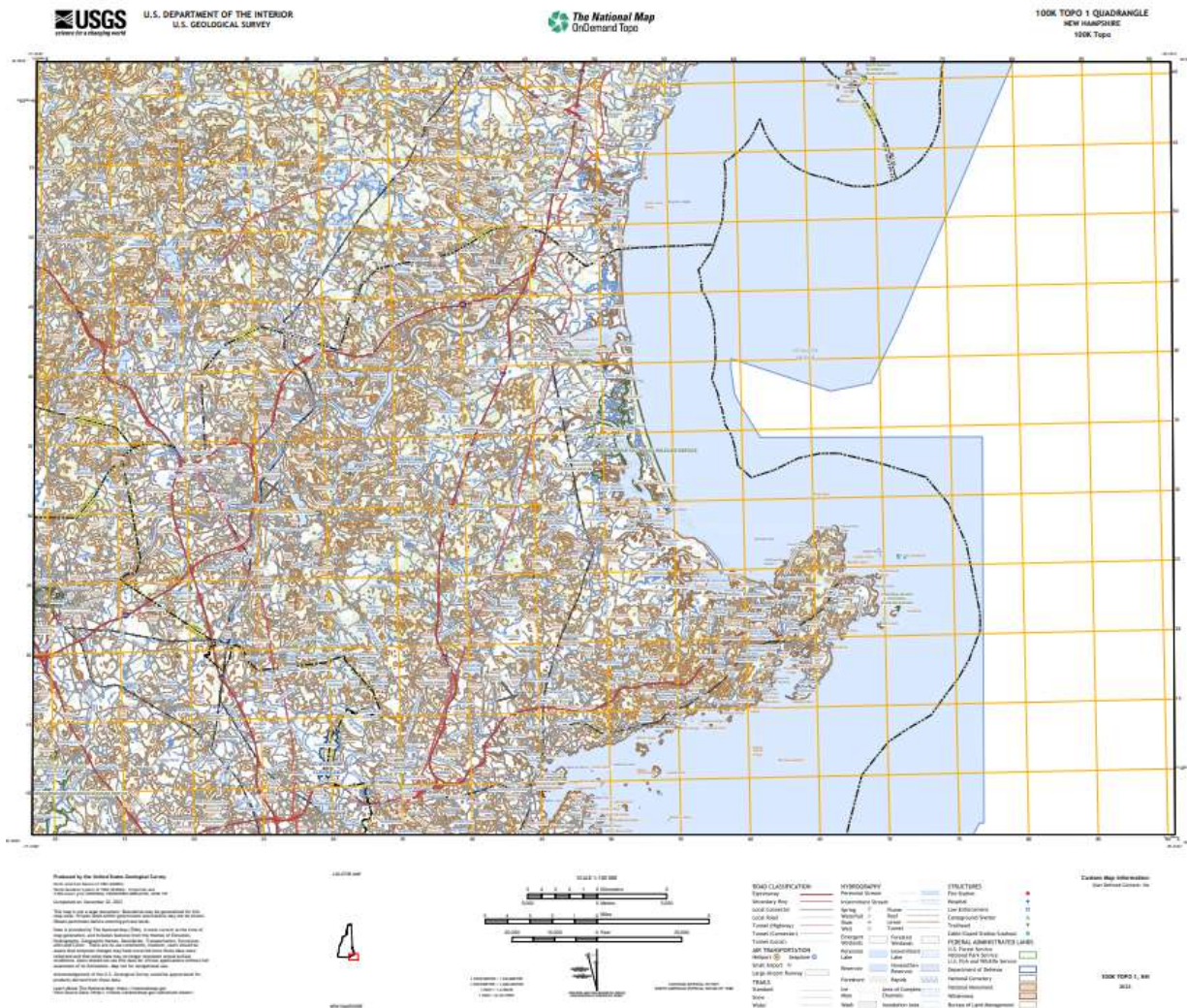
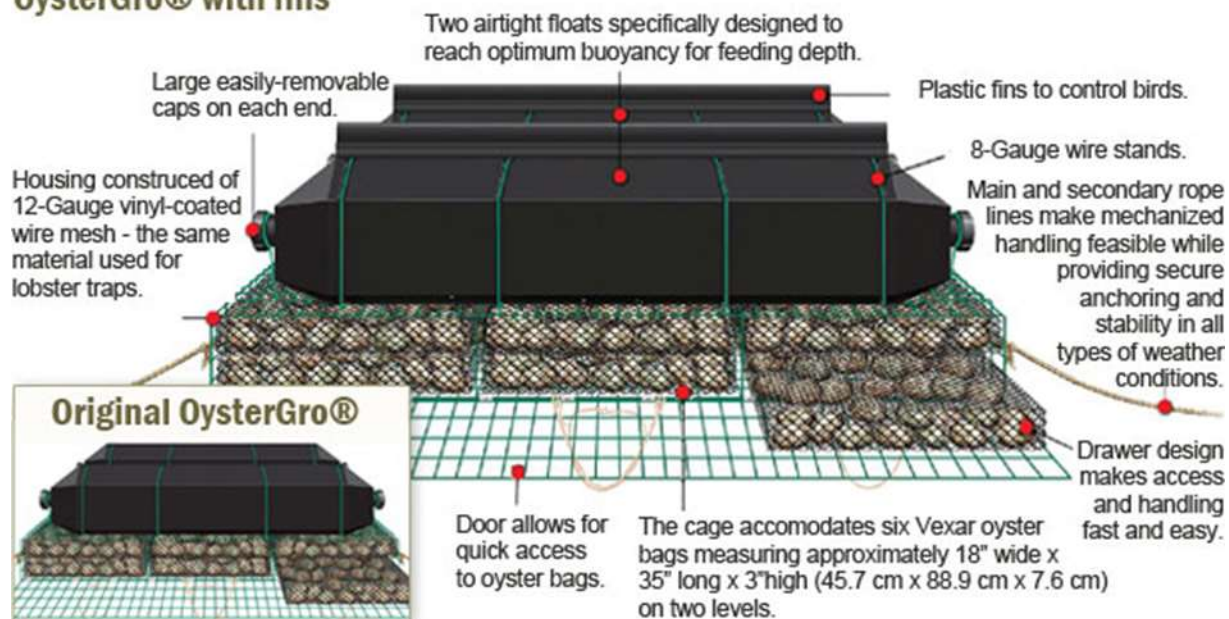


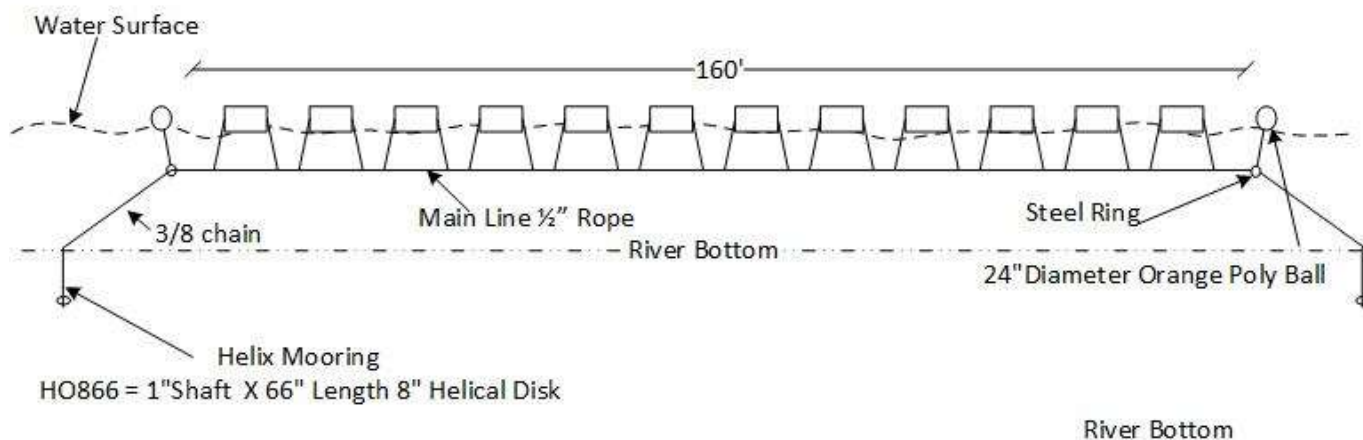
Figure 4: Example of Floating Cages



OysterGro® with fins



Cage String Details



This diagram describes an individual cage string.
Each string will have 12, 60" by 36" floating oyster cages.
Each String is approximately 160' long

String Configuration

