



LETTER OF PERMISSION

NOTIFICATION

APPLICATION NO. LRC-2017-224

U.S. Army Corps of Engineers
Chicago District

Date: May 16, 2018

The Chicago District Regulatory Branch has received a request for authorization under Section 10 of the Rivers and Harbors Act of 1899 through a Letter of Permission (LOP), pursuant to Title 33 of the Code of Federal Regulations Part 325.2(e)(1), dated November 13, 1986. Requests for LOPs require coordination with other agencies and adjacent property owners. Project information is provided on the following page(s) for your review and comment.

Please provide your written comments to this office by email within twenty (20) days of the date of this notice. A lack of response will be interpreted as meaning that you have no objections to the project as described. Comment letters should include your name, address, phone number and email address.

If you have any questions, please contact Michael Murphy by telephone at (312) 846-5538 or email at Michael.J.Murphy@usace.army.mil.

FOR THE DISTRICT COMMANDER:

-Original Signed-

Kathleen G. Chernich
Chief, East Section
Regulatory Branch

PROJECT INFORMATION

Application: LRC-2017-224

Applicant: Chicago Park District

Location of work: Montrose Beach in Lake Michigan at Lawrence Avenue in the City of Chicago, Cook County, Illinois (NE Quarter of Sec. 16, Twp. 40N, Rng. 16E; 41.96794, -87.63973)

Description of Work: Installation of a seasonal inflatable water park at Montrose Beach. The applicant proposes to install structures in Lake Michigan immediately adjacent to Montrose Beach (see attached drawing) for use as an aquatic entertainment venue for commercial purposes. The proposed structure is a modular, inflatable water sports park that would be installed seasonally for the summer. The structure would be anchored in water a minimum of 5 feet deep, with some portions in depths over 10 feet as required for safe operations. Exact installation location will depend on water depth and site conditions, but the installation area would be inside the area described on the attached exhibit in purple, labeled as AquaXZone. Attached exhibit shows the installation area in relation to Montrose Beach.

The structure is composed of a variable number individual components (examples attached) configured as a group to create the entertainment venue (sample configuration attached). The sports park would be configured within the bounds shown in the AquaXZone of components similar to those shown in variable configurations. Water park components would be anchored as shown in the attached exhibits.

The authorization requested from the Chicago District is for the installation of the proposed structures in Lake Michigan, a navigable water of the United States, within the bounds described above and shown in the attached exhibits. The Chicago District is not reviewing or approving land use choices or commercial operations within Montrose Park as those decisions are outside the purview of the Rivers and Harbors Act of 1899 under which this project is being reviewed.

Please see the attachments for more information.

Montrose Beach Site Plan

Buoy line continues to enclose area.

Boat BUOYS (existing) – No boats allowed past buoys (by Chicago Park District)

Purple line represents outside limits of project area.

AquaXZone

Swim Zone – No swimmers allowed past lifeguard boat, except to go to AquaXZone

Dog Beach

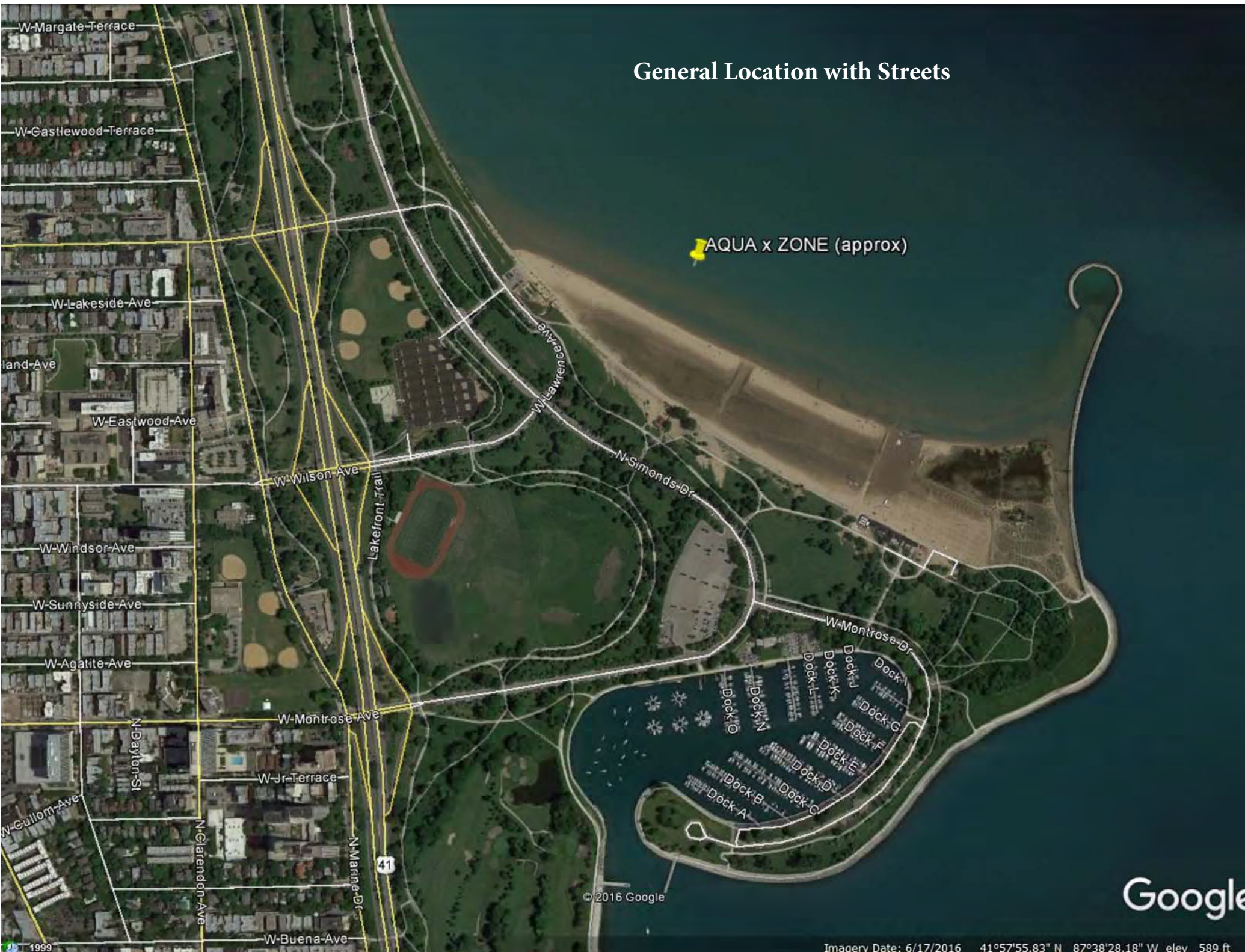
Watersports Launch Lane

(Area in yellow is not in project scope and is controlled by others.)



General Location with Streets

AQUA x ZONE (approx)



© 2016 Google

Google

Location of Perimeter Buoys



Note: The exact location of the sportspark will be based on actual water depths at the time of installation. The shallowest area needs to be approximately 5', while we will need nearly approximately 10' for the larger items. Since sands shift, the location may need to be adjusted slightly. However, the overall expanse of the site will not vary. A few additional anchors may need to be added to secure the setup in its location. However, we don't anticipate needing additional anchors.

We will keep the entire sportspark out of the dog beach area. This diagram likely shows the setup further north than the final location. However, the distances will not vary by more than a few feet based on water and lakebed conditions.

Examples of equipment that could be used in setup.
(We would require all patrons to wear life jackets at
all times.)



Examples of equipment that could be used in setup.



Examples of equipment that may be used.



Examples of equipment that may be used.



Sports Park L

Examples of a setup option.



This large combination has endless routes of fun with **all kinds of obstacles**. From flat to high, for beginners and experts - the aquatic playground has **a level for everyone**.

STANDARD COMBINATIONS | 12

1 Level Beginners welcome! Level 1 has small obstacles that are easy to cross.

2 Level Level 2 is perfect for advanced Wibit users. Run, jump and slide on the included obstacles!

3 Level Looking for thrill? Level 3 is suitable for Wibit experts that love an athletic challenge!

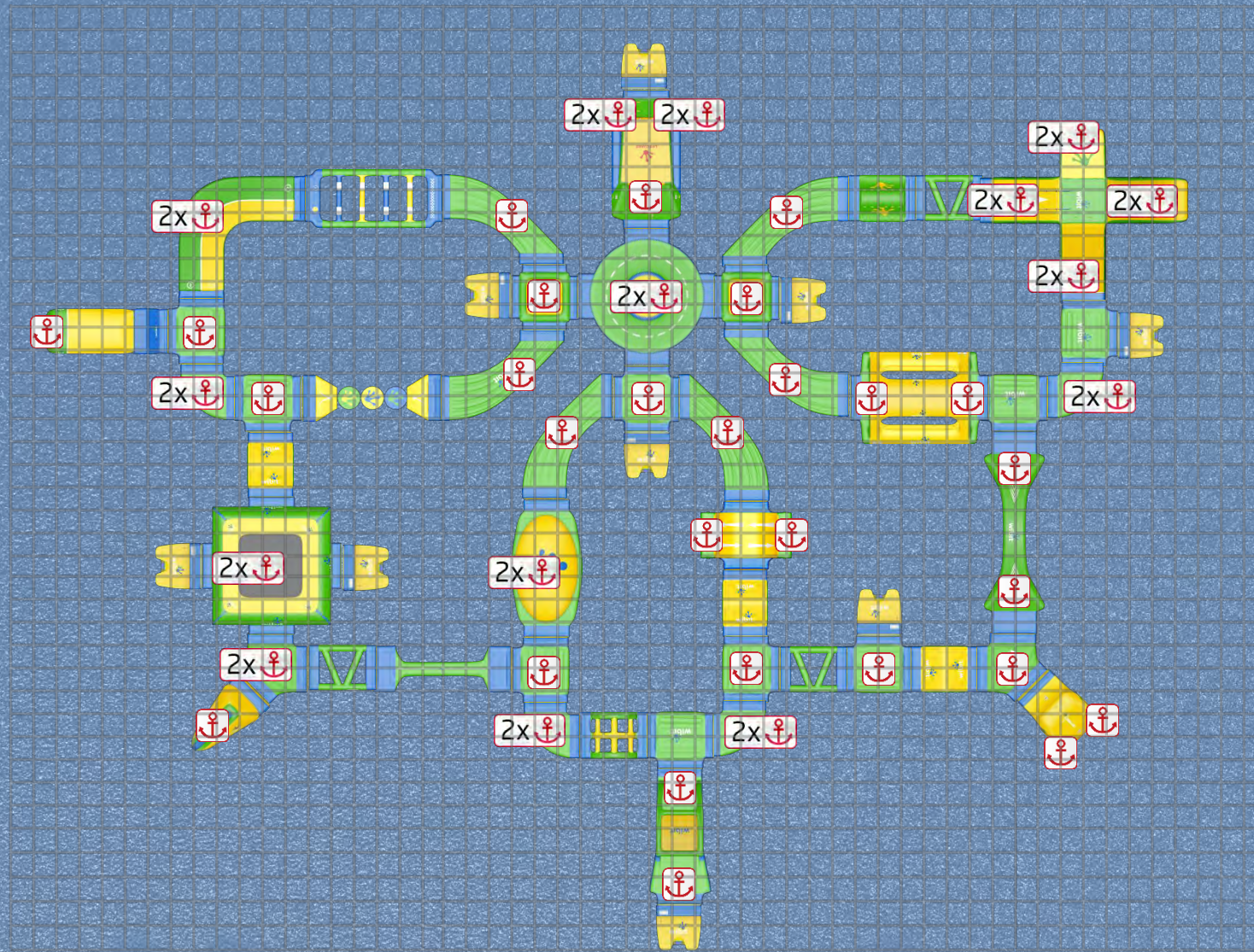
THE CENTER OF ATTRACTION



The plan is to install a large system for the first season. The system will closely match the layout below. The only variations would occur based on available equipment and water depth issues.

Anchor plan - Sports Park L

Dimensions: 51 x 40 m / 167' x 131'



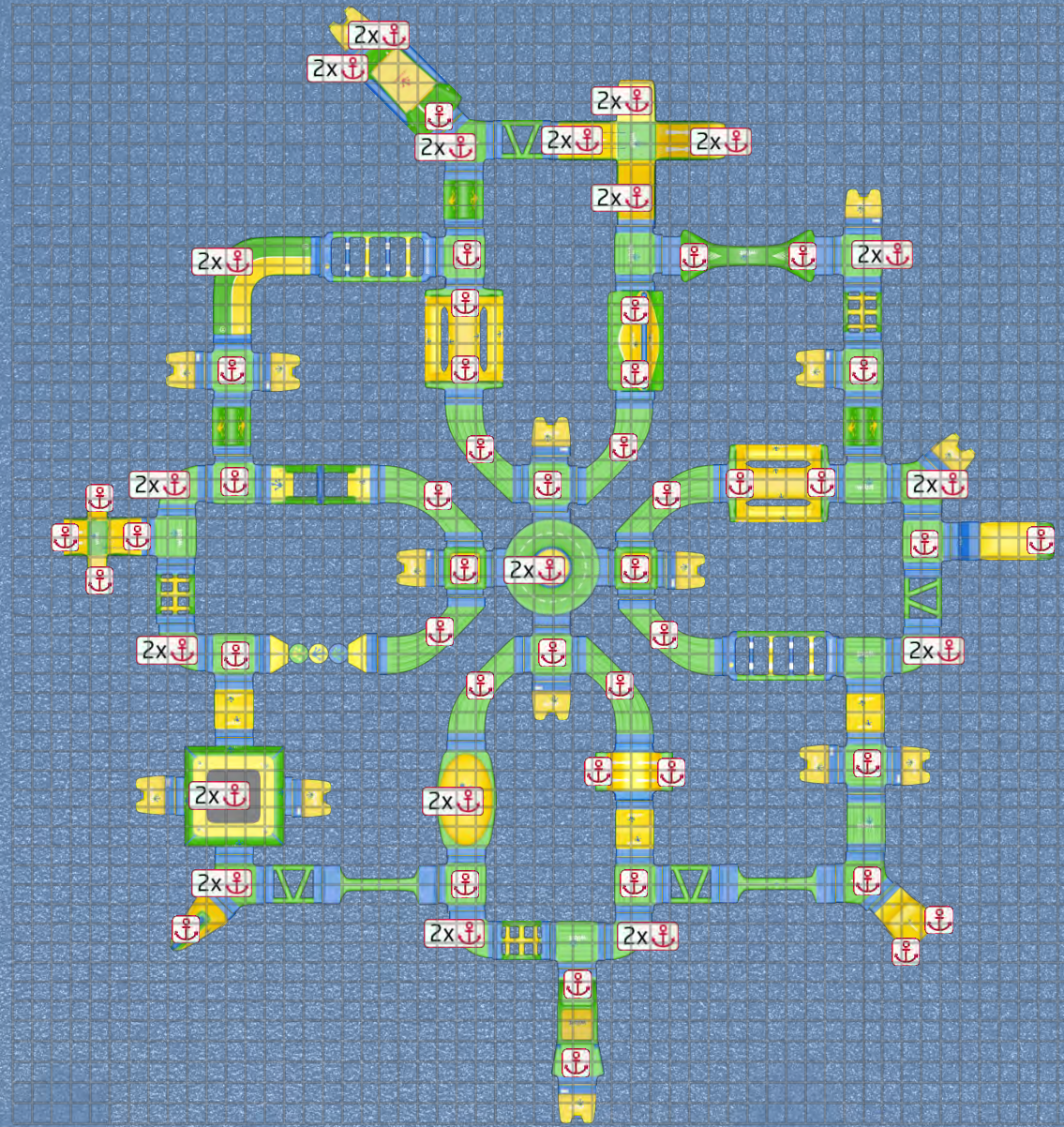
The distance from shore is not accurate. The shore is simply used to show orientation of the system.

Typical Layout - Final layout may vary

As the demand grows, the goal is to expand the Sports Park L to a Sports Park XL, shown on this page. The perimeter buoys which are approximately 210' apart will not need to be moved. Both the Large and the Extra Large systems will fit within the designated area. Approximately 24 additional anchors would be required.

Anchor plan - Sports Park XL

Dimensions: 52 x 58 m / 170' x 190'



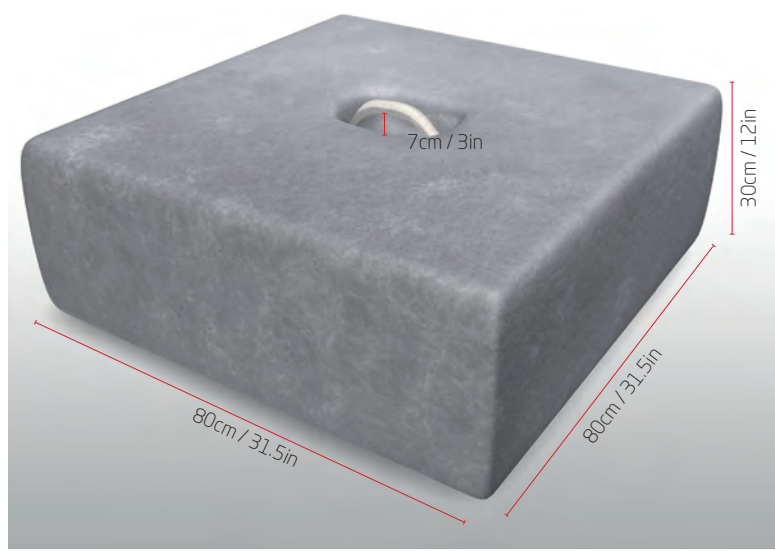
The distance from shore is not accurate. The shore is simply used to show orientation of the system.

Typical layout. Final layout may vary.

1 1,0m / 3'-3"

The anchors can be purchased locally or built.

These anchors will be placed on top of the lake bed.



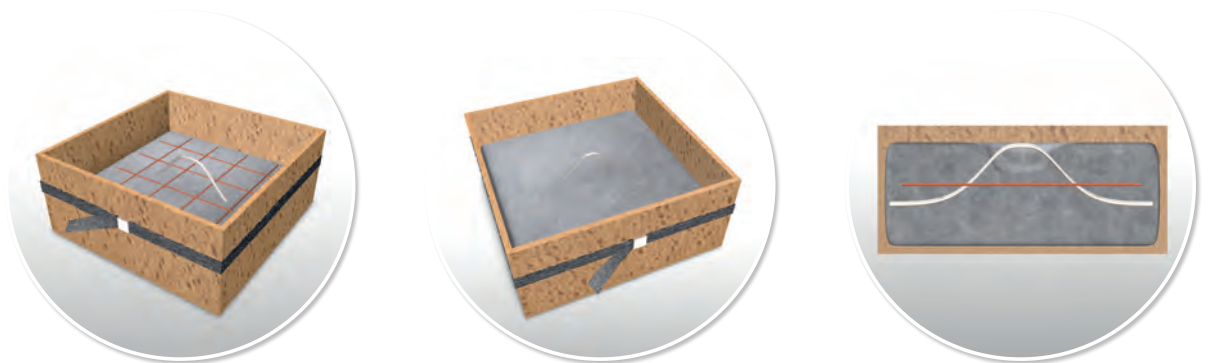
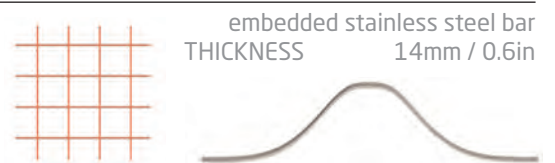
Anchor Block

WEIGHT	440kg / 970lbs
DIMENSIONS	80 x 80 x 30cm / 31.5 x 31.5 x 12in

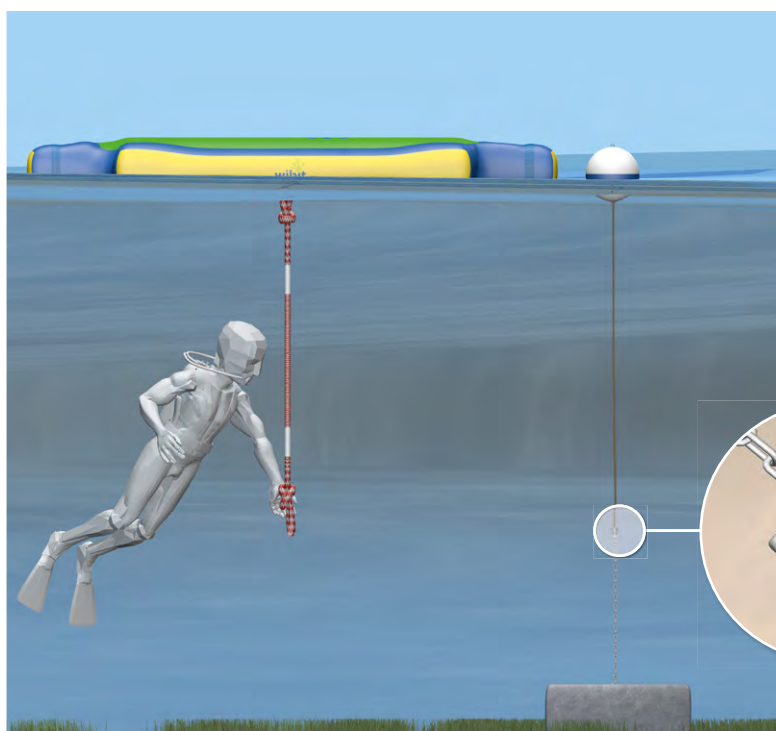
Sports Park L

58 x 

Steel rebar and bar



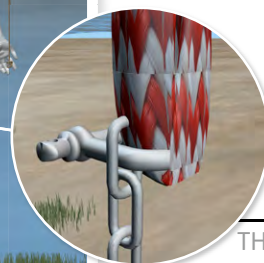
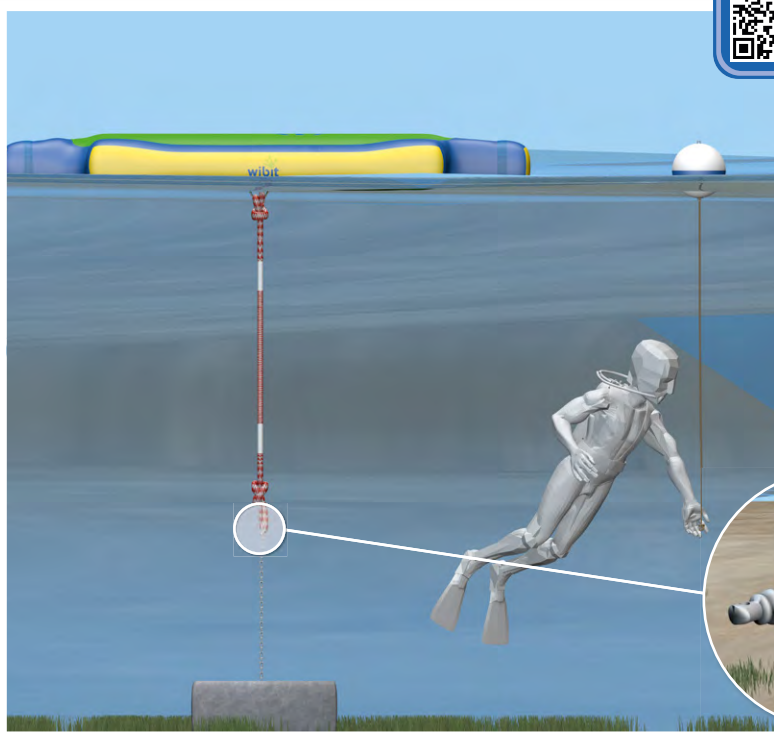
- Remove the styrofoam buoy and rope marking the positioning anchors and replace them with the bungee of the specific product.



Shackle
THICKNESS 10mm / 0.4in



• **Video:**
Anchoring open water



Shackle
THICKNESS 10mm / 0.4in

If the Bungee is not pre-attached you can connect the bungee to the anchor plate underneath the product.

Note: some products have **emergency anchor plates** installed for the unlikely case of the anchor plate coming off during a storm. These can be used to anchor the park temporarily until the anchor plates are repaired.



Emergency anchor plate