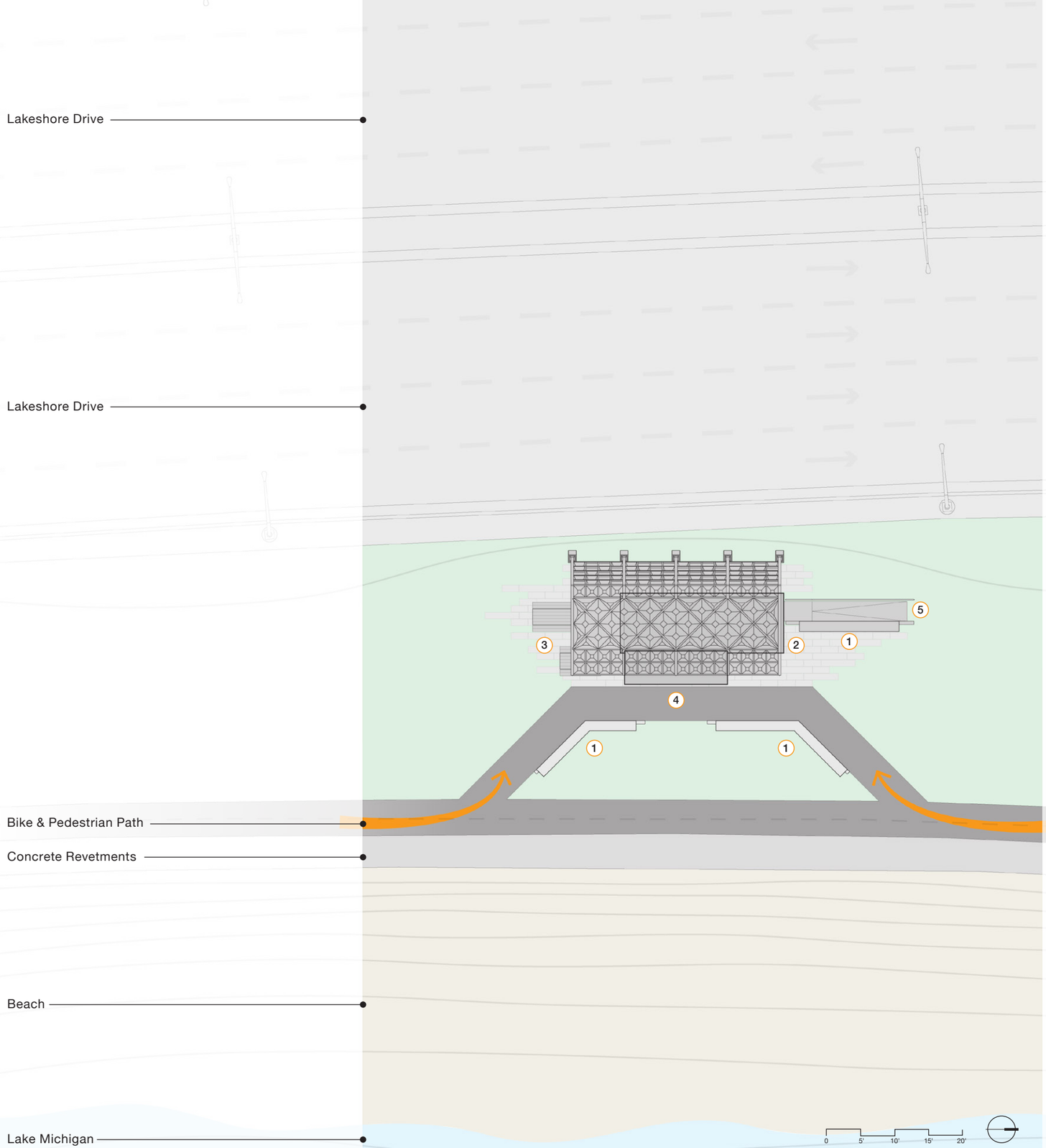
Lakefront Luminance

Fueling imagination and elevating everyday experiences
on the Chicago lakefront and beyond.

Proposal for the Chicago Architecture Biennial Lakefront Kiosk Competition

UNION FOUNDRY



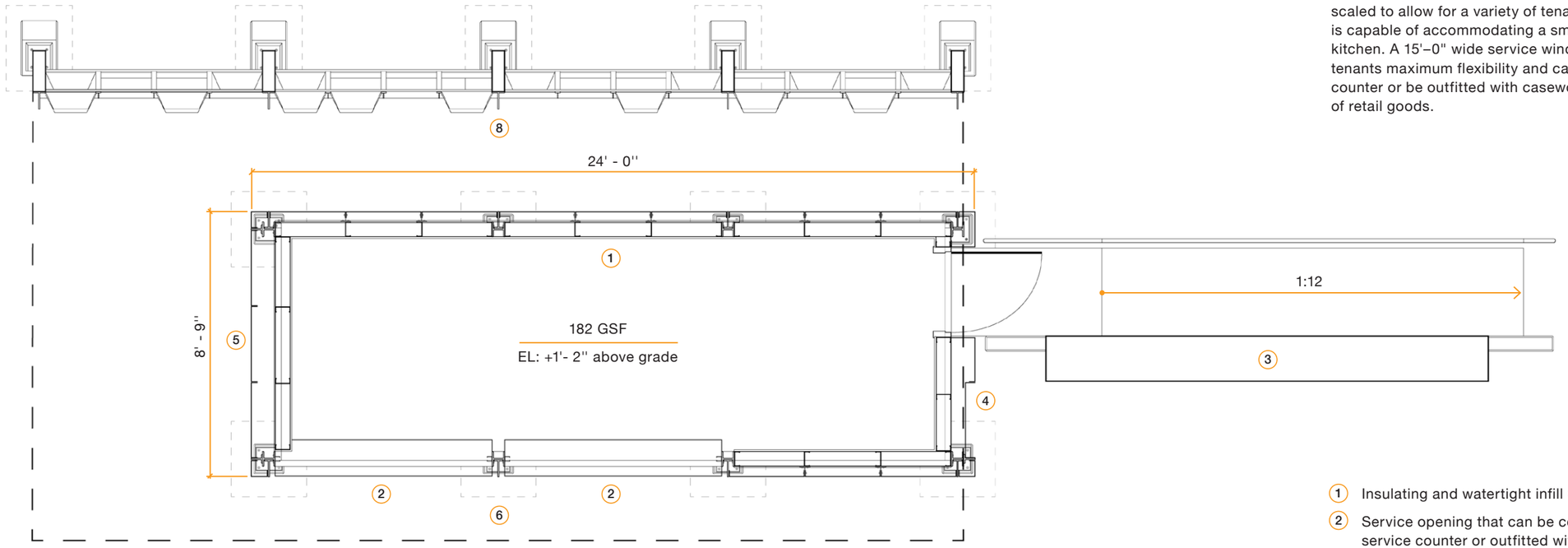
Site Plan

Located on the seam of the city and the lake, the kiosk aspires to serve as a beacon not only for trail users, but the city at large. Providing shelter and protection from the cacophony of Lake Shore Drive, the kiosk also beckons visitors to take a moment to enjoy the beauty that is the Chicago lakefront.

1. Wood and concrete seating inspired by the existing revetments found along the lakefront
2. Two-spigot water station that allows for both people and their canines to rehydrate
3. Seasonal seating for kiosk users
4. 15' wide service window provides a flexible point-of-service for future tenants
5. Accessible ramp

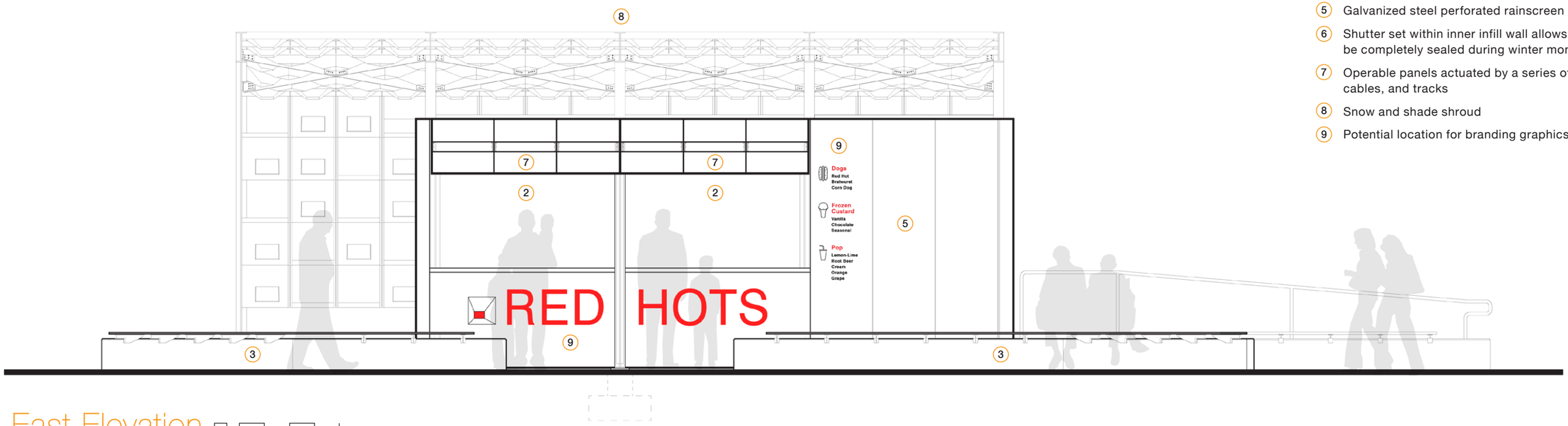
The Floor Plan

The kiosk plan is initially left unobstructed and scaled to allow for a variety of tenants. The interior is capable of accommodating a small food service kitchen. A 15'–0" wide service windows offers future tenants maximum flexibility and can act as a service counter or be outfitted with casework for the display of retail goods.



Plan (Lakefront Installation)

0 6" 1' 2' 3' 4' 5'

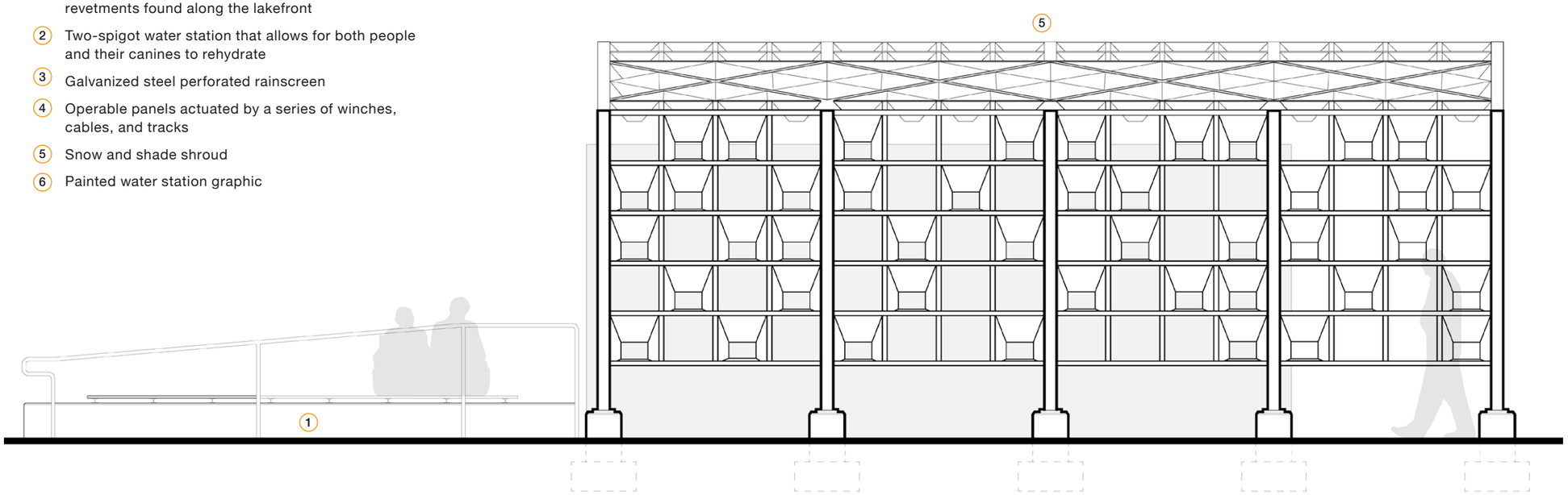


East Elevation

0 6" 1' 2' 3' 4' 5'

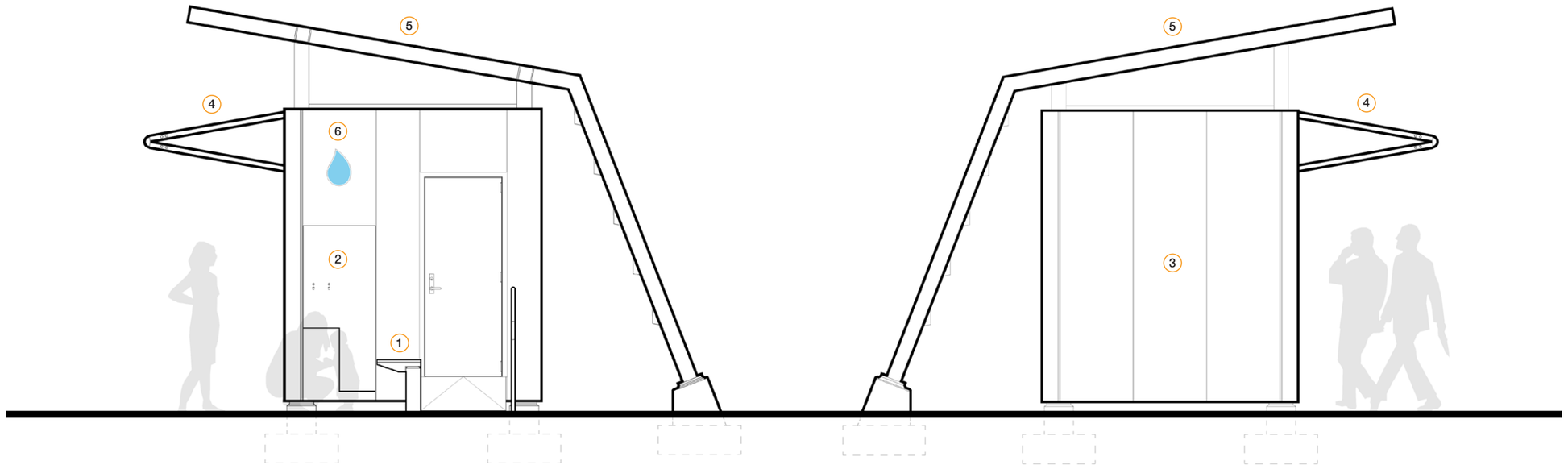
1. Insulating and watertight infill walls
2. Service opening that can be configured as a food service counter or outfitted with casework for the display of retail goods
3. Wood and concrete seating inspired by the existing revetments found along the lakefront
4. Two-spigot water station that allows for both people and their canines to rehydrate
5. Galvanized steel perforated rainscreen
6. Shutter set within inner infill wall allows the kiosk to be completely sealed during winter months
7. Operable panels actuated by a series of winches, cables, and tracks
8. Snow and shade shroud
9. Potential location for branding graphics

1. Wood and concrete seating inspired by the existing revetments found along the lakefront
2. Two-spigot water station that allows for both people and their canines to rehydrate
3. Galvanized steel perforated rainscreen
4. Operable panels actuated by a series of winches, cables, and tracks
5. Snow and shade shroud
6. Painted water station graphic



West Elevation

0 6" 1' 2' 3' 4' 5'



North Elevation

0 6" 1' 2' 3' 4' 5'

South Elevation

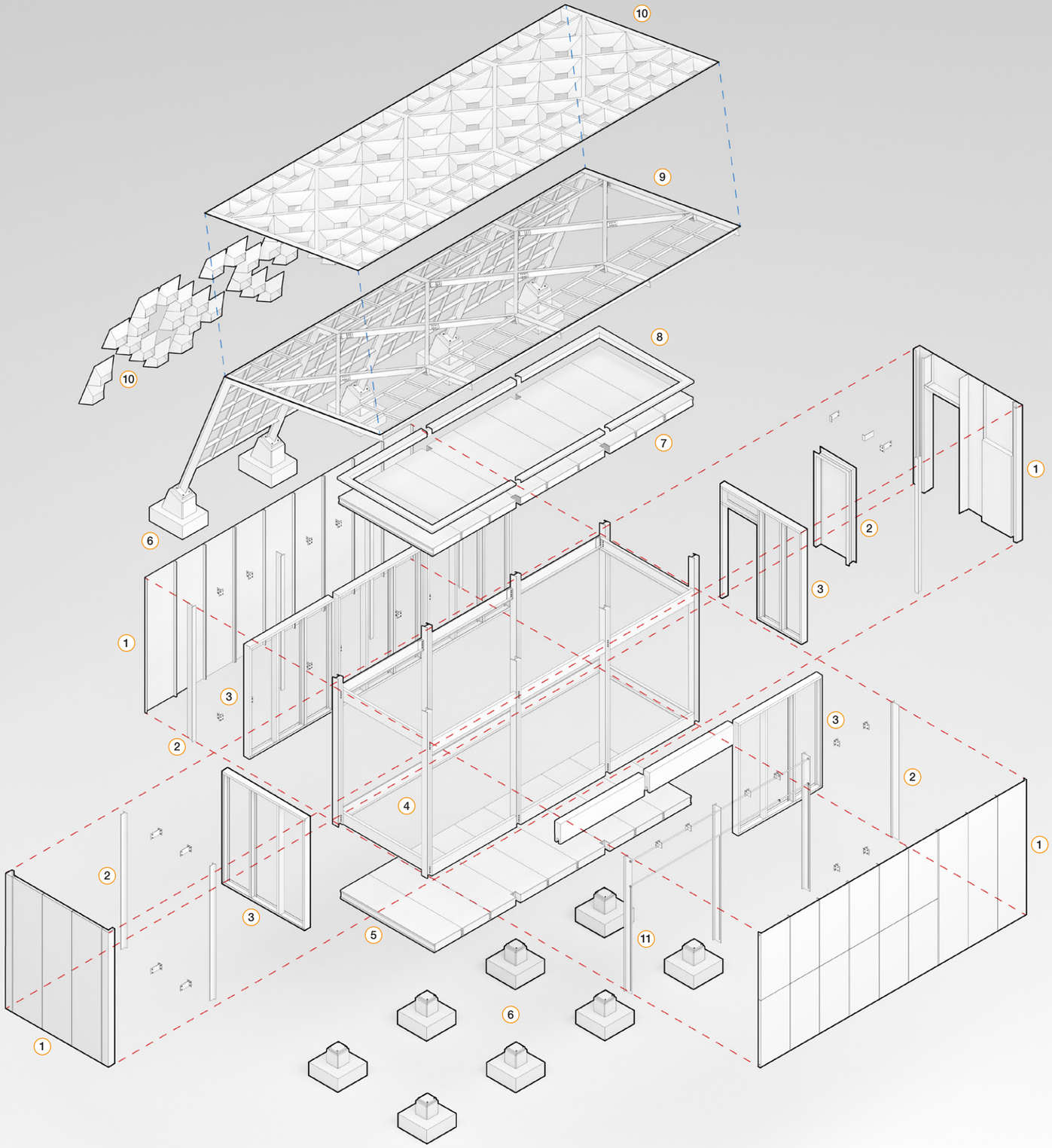
0 6" 1' 2' 3' 4' 5'

Formal Study

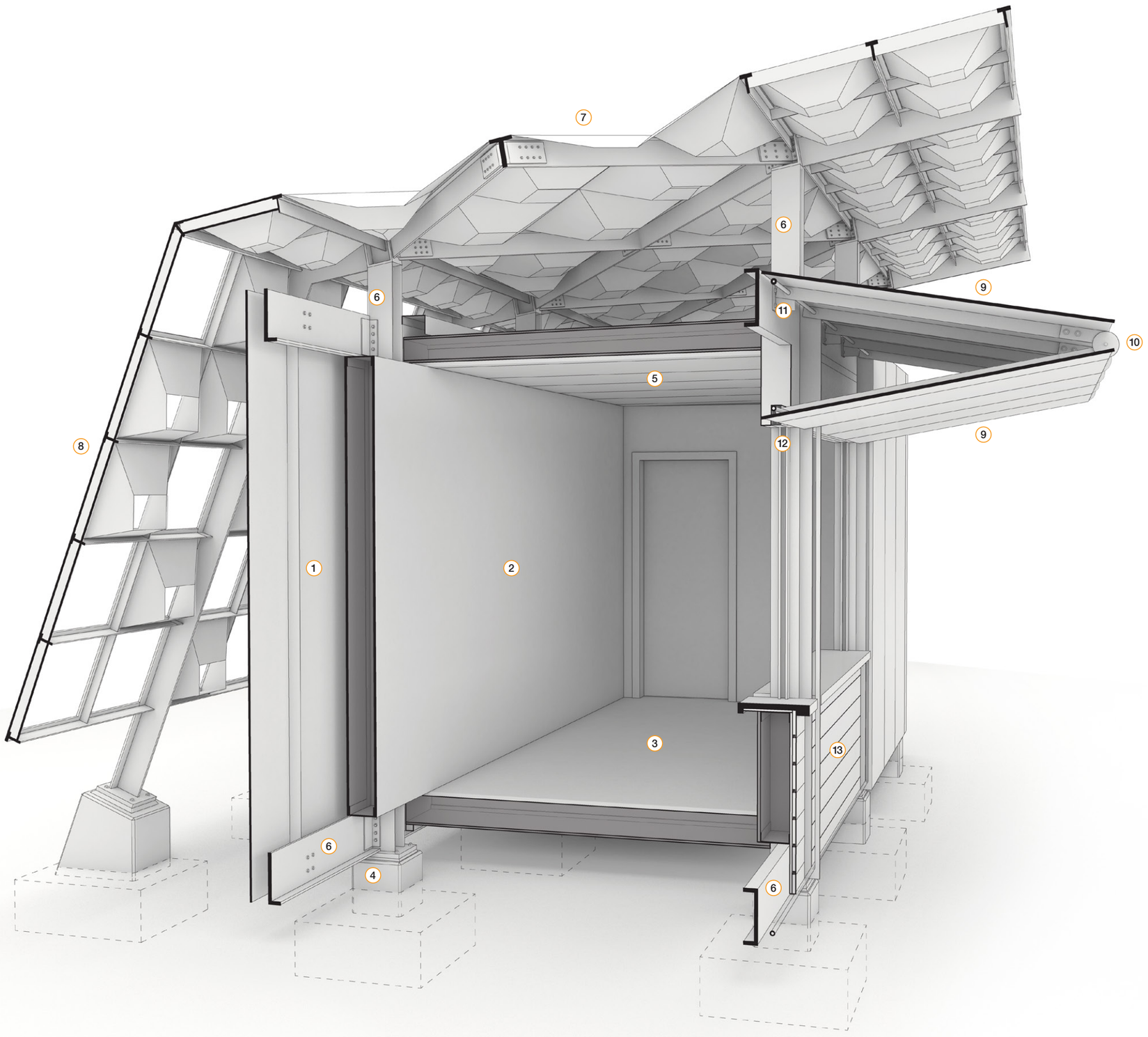
Kiosk Assembly

A simple kit of parts—designed for factory prefabrication and expedited on-site installation. With the exception of the concrete pier footings, the entire kiosk is easily disassembled, moved, and reconstructed.

1. Perforated galvanized steel rainscreen
2. Rainscreen mounting hardware
3. Insulating and watertight infill wall
4. Structural steel frame
5. Insulated structural floor panels
6. Concrete isolated spread footing
7. Insulated structural roof panels
8. Parapet and waterproof roof assembly—pitched to integral roof drains
9. Structural steel framed shroud
10. Fiber-reinforced polymer snow catchment system set into structural steel frame
11. Pin-and-track system for operable panels—geared to an electrical winch and cable system



Section Cut



1. Perforated galvanized steel rainscreen
2. Insulating and watertight infill wall
3. Insulated structural floor panels
4. Concrete isolated spread footing
5. Insulated structural roof panels
6. Structural steel frame
7. Fiber-reinforced polymer snow catchment system set into structural steel frame. Snow catchers are trapezoidal by design in order to collect falling snow while allowing light to shine through.
8. The geometry of the rear snow catchers is designed in tandem with the wall slope to provide maximum exposure and catchment of falling snow.
9. Operable panels actuated by a series of winches, cables, and tracks
10. Hinge
11. The top of the operable panels are connected with a horizontal pin threaded through a series of structural brackets connected to the kiosk's primary steel frame. The connection fixes the panel's top edge vertically, but allows for rotation as the bottom edge of the panels are lifted.
12. The bottom of the operable panels are connected with a horizontal pin threaded through a slotted steel structural tee connected to the kiosk's primary steel frame. The bottom pin is lifted vertically via mechanical winches and a series of cables, providing an operable opening.
13. Depending on future tenant requirements, the infill wall at the service opening can be configured as a service counter or as casework for the display of retail goods.

Lakefront Installation

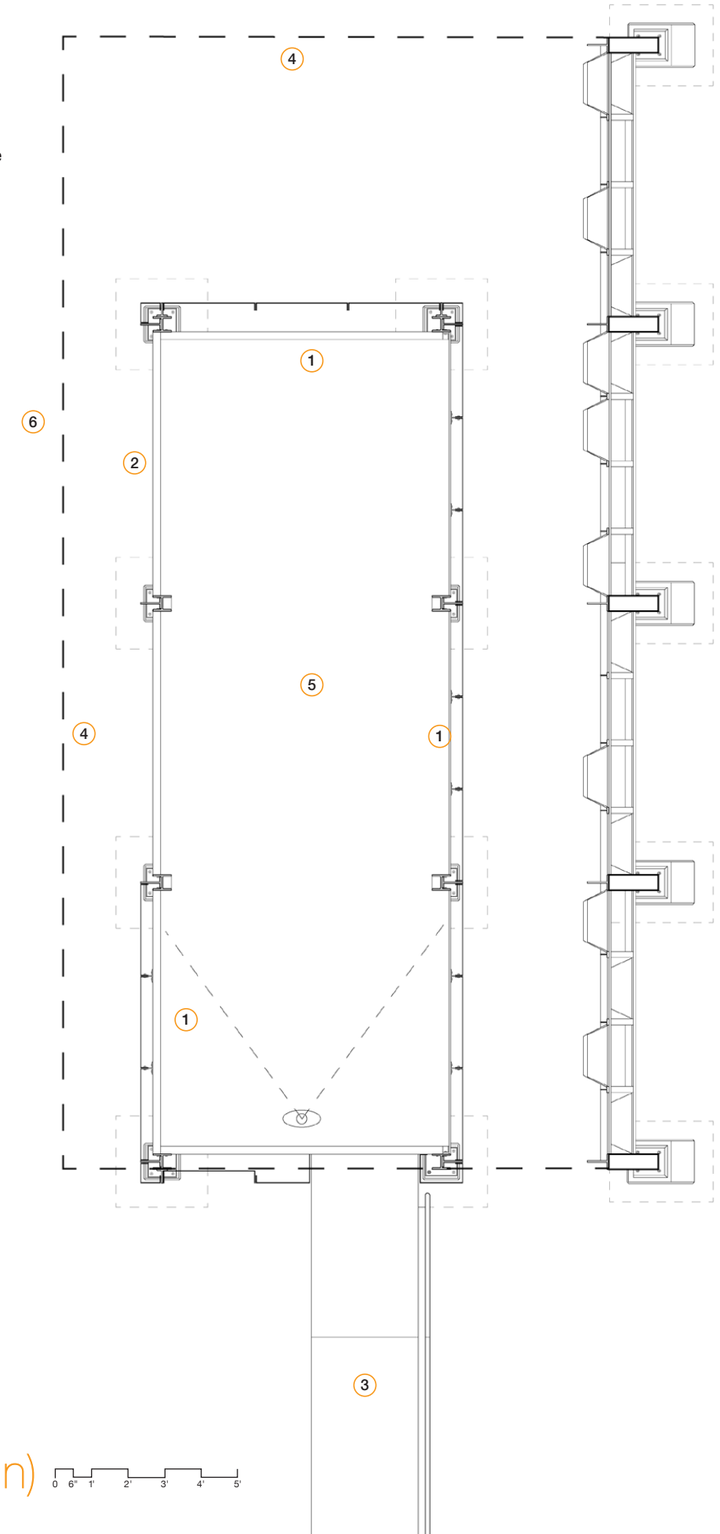
Welcoming destination during the day...glowing beacon by night.

UNION FOUNDRY

Biennial Installation

Paralleling the mission of the Chicago Biennial, this iteration of the kiosk will allow visitors to share their opinions on the current state of the architectural profession. With simple prompts like “What is your favorite building or place?” or “What would you design if you were an architect?”, participants are able to share their thoughts and ideas with others. Recalling pin-ups in architectural studios, visitor responses are displayed on the interior walls of the kiosk.

1. Display wall for artwork generated by visitors
2. Stair access
3. Accessible ramp
4. Outline of snow and shade shroud above
5. Steel framed kiosk open to shroud above
6. Area set aside for easels and art supplies for visitors to use when responding to prompts



Plan (Biennial Installation)

0 6" 1' 2' 3' 4' 5'

Interior View of Kiosk Installation at Millennium Park

Biennial Installation at Millennium Park