



 NATIONAL AQUARIUM.

# WATERFRONT CAMPUS PLAN

AYERS  
SAINT  
GROSS

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# What is a model urban waterfront?

# A MODEL URBAN WATERFRONT SHOULD PROMOTE CONSERVATION

- Facilitate exploration of, and emotional connection to, natural habitats, wildlife and water
- Be a working ecosystem
- Be a living laboratory for learning about habitat restoration and ecological services



Tanner Springs Park, Portland, OR

# A MODEL URBAN WATERFRONT SHOULD BE CIVIC SOCIAL SPACE

- Be welcoming and engaging
- Be relevant to all audiences
- Facilitate social interaction



Roombeek the Brook, Enschede, The Netherlands

# A MODEL URBAN WATERFRONT SHOULD BE AN ANCHOR OF THE INNER HARBOR

- Nurture pride, civic ownership, community building and a sense of place
- Promote engagement with the National Aquarium



The National Aquarium's Waterfront Campus Plan reinforces key components of previous studies:

- *Connection:* provide better physical connections to the harbor
- *Promenade:* establish a consistent promenade access for Baltimoreans
- *Attractions:* enliven the harbor with new and exciting attractions
- *Green Infrastructure:* embrace technologies including reconstructed wetlands, stormwater plantings, increased dissolved oxygen, and floating wetlands



## BALTIMORE INNER HARBOR 2.0



## Waterfront Campus Plan Planning Context



# Waterfront Campus Plan **VISION**

By creating a thriving, green waterfront in the Inner Harbor and demonstrating positive ways we all can connect with people and nature in an urban setting, the National Aquarium is fostering hope for a healthier Chesapeake Bay and all watersheds.

# PROJECT GOALS

**Guest Experience Goal** - Be a welcoming and engaging public green space for people of all ages and learning styles that clearly communicates National Aquarium brand

**Conservation Action Goal** - Foster stewardship and a vision of a healthier, sustainable future by demonstrating how we all can work together to improve the wellbeing of the Inner Harbor, the Chesapeake Bay and all watersheds

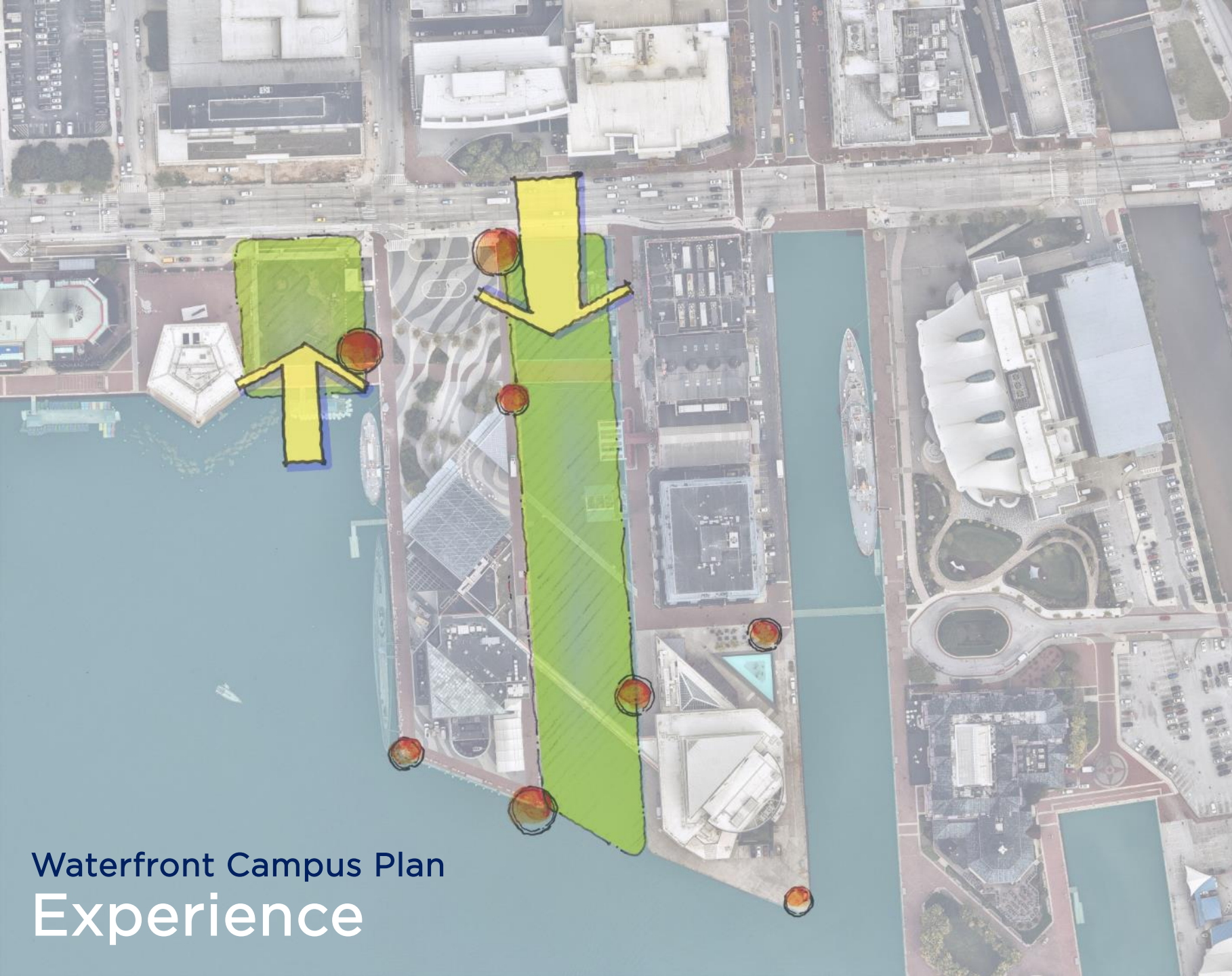
**Ecosystem Restoration and Research Goal** - Feature habitats within working ecosystems that serve as living laboratories for learning—and sharing what we learn—about restoring habitat, supporting native species and improving water quality in urban waters

**Community Engagement Goal** - Nurture a sense of pride and emotional connection to the Inner Harbor and National Aquarium by offering residents and visitors unique experiences that foster social interaction, exploration of nature along our waterfront and a desire to visit the Aquarium





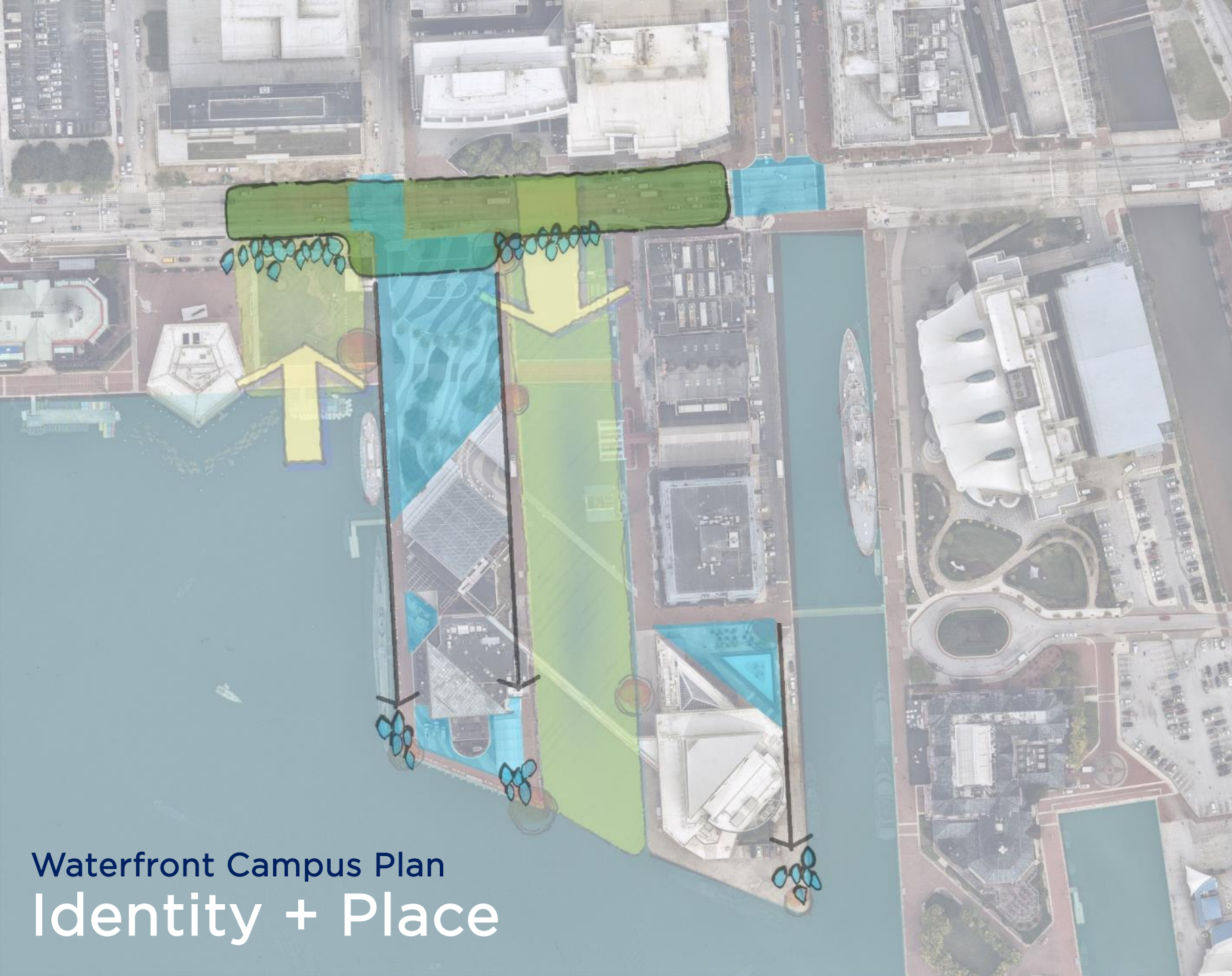




## Waterfront Campus Plan Experience

Campus wide opportunities to experience the waterfront:

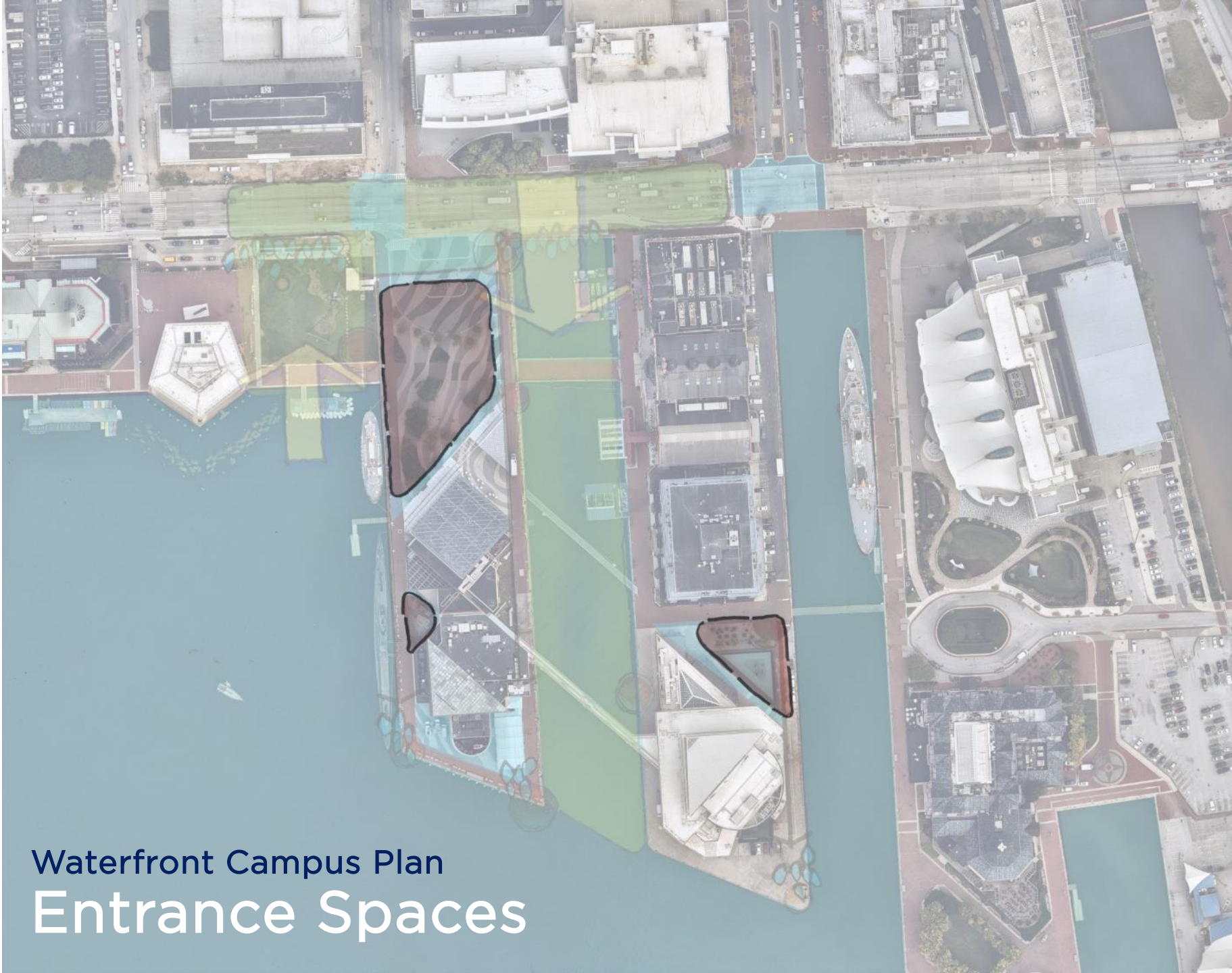
- Bring nature to people (Area 10)
- Connect people from the city out toward nature (Urban Wetland)
- Engage people with water (campus wide- interactives, kayaks, learning lab)



Identity addressed at the campus edges, gateways, and reinforced throughout the campus itself. Site details and materials help establish the National Aquarium brand:

- Pavers
- Treatment of crosswalks to help direct people across Pratt Street into campus.
- Sculptural elements as campus edge on Pratt and beacons to draw to the water's edge.

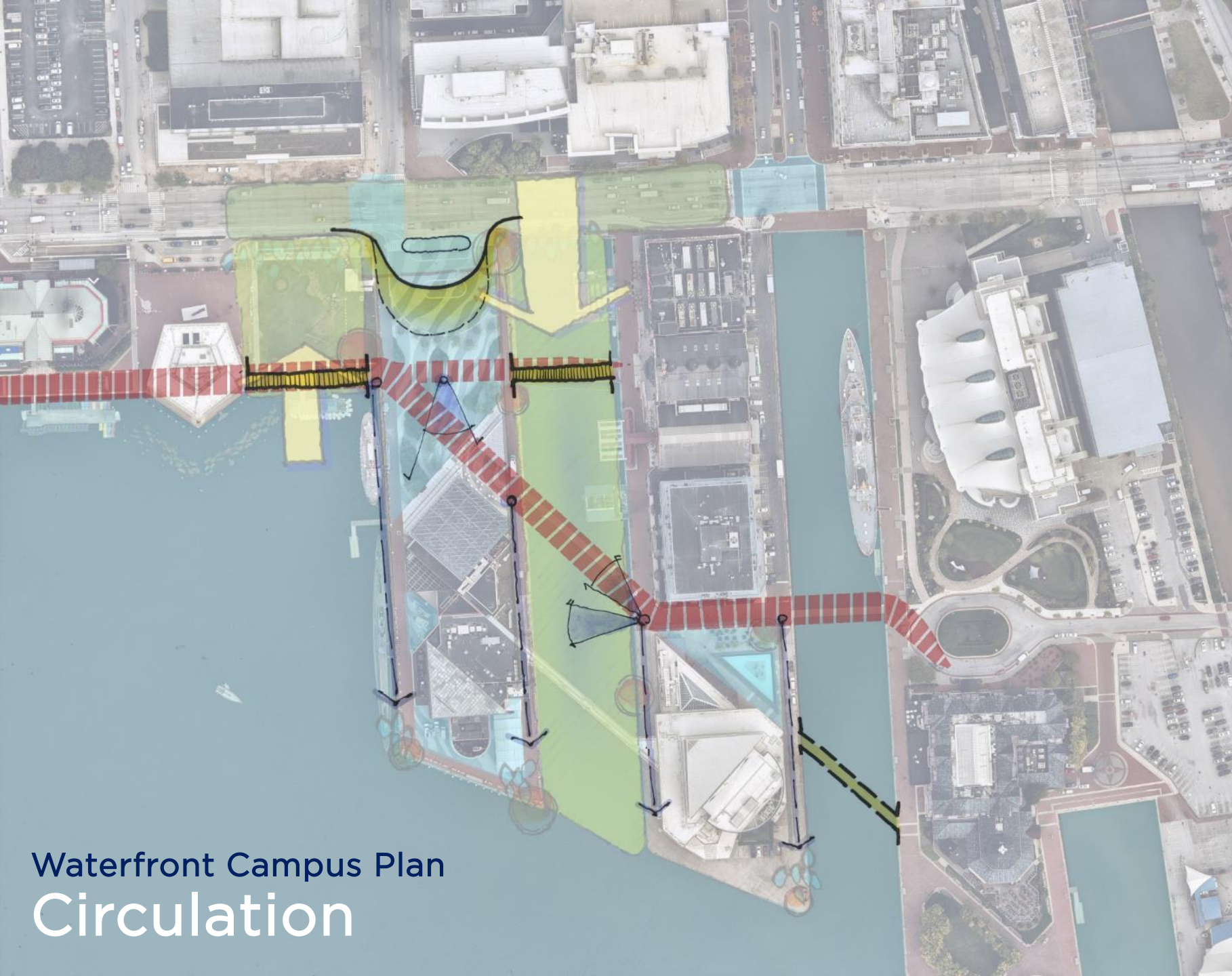
## Waterfront Campus Plan Identity + Place



Entrance spaces orient and direct visitors to the National Aquarium. Visitor comfort aspects in these space include:

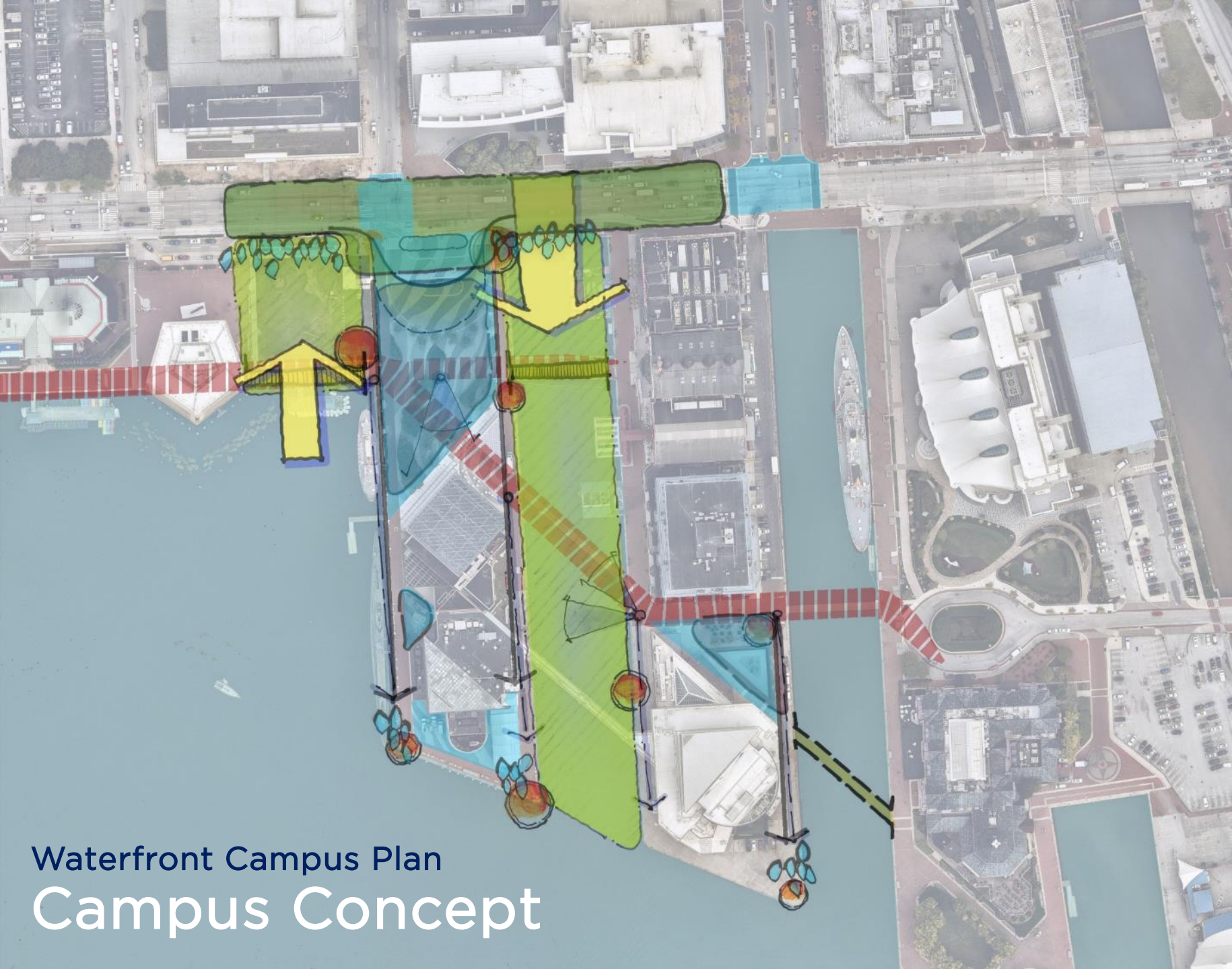
- Comfortable seating
- Shade from sun
- Cover from elements
- Soften with plant material
- Oriented signage

## Waterfront Campus Plan Entrance Spaces



- Minimize drop-off area
- Reinforce relationship with water with bridged crossings
- Clear sight lines across campus
- Accommodate promenade flow along key desire lines
- Accommodate Inner Harbor 2.0 bridge alignment

## Waterfront Campus Plan Circulation



Experience

Identity + Place

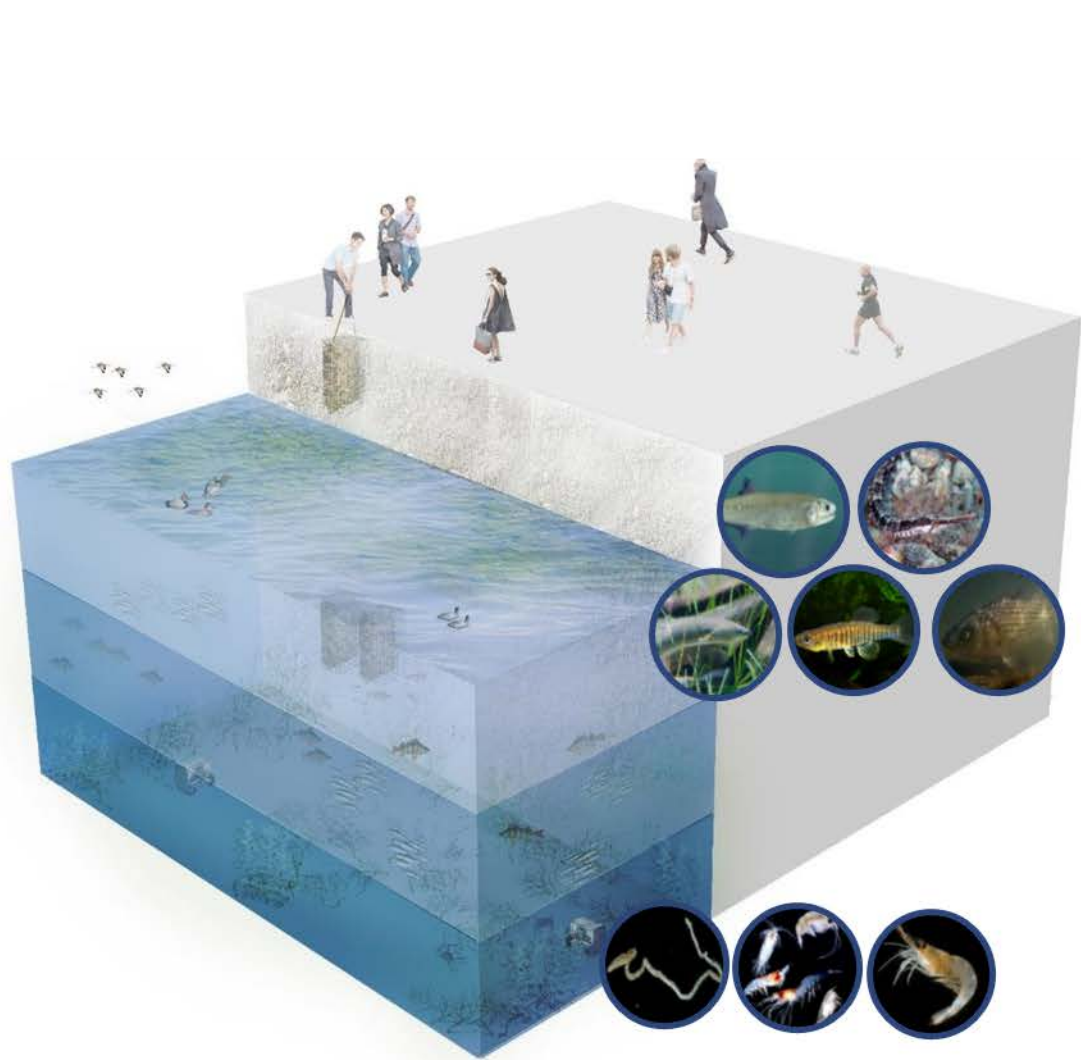
Entrance Spaces

Circulation

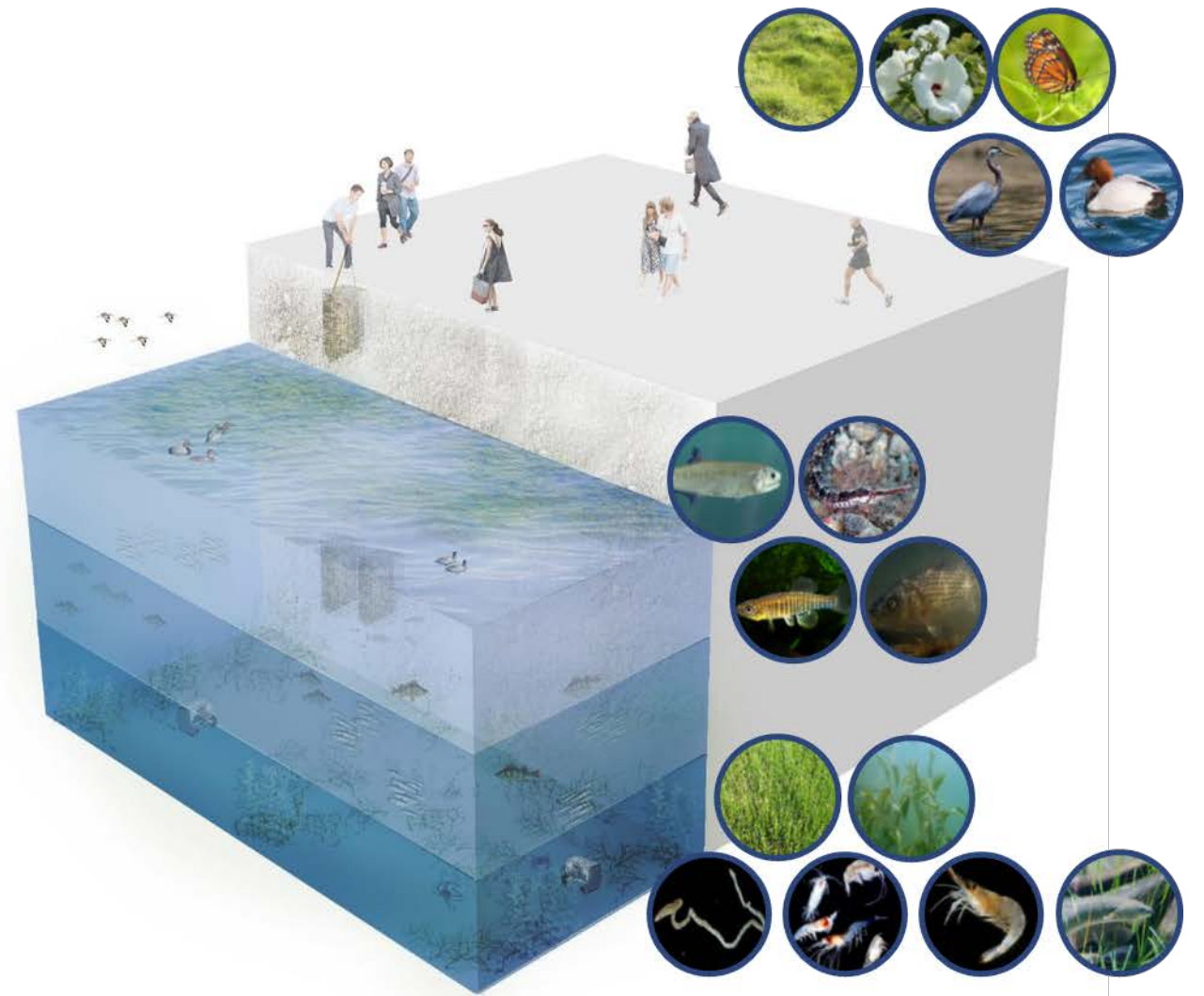
Waterfront Campus Plan  
Campus Concept



# Waterfront Campus Plan



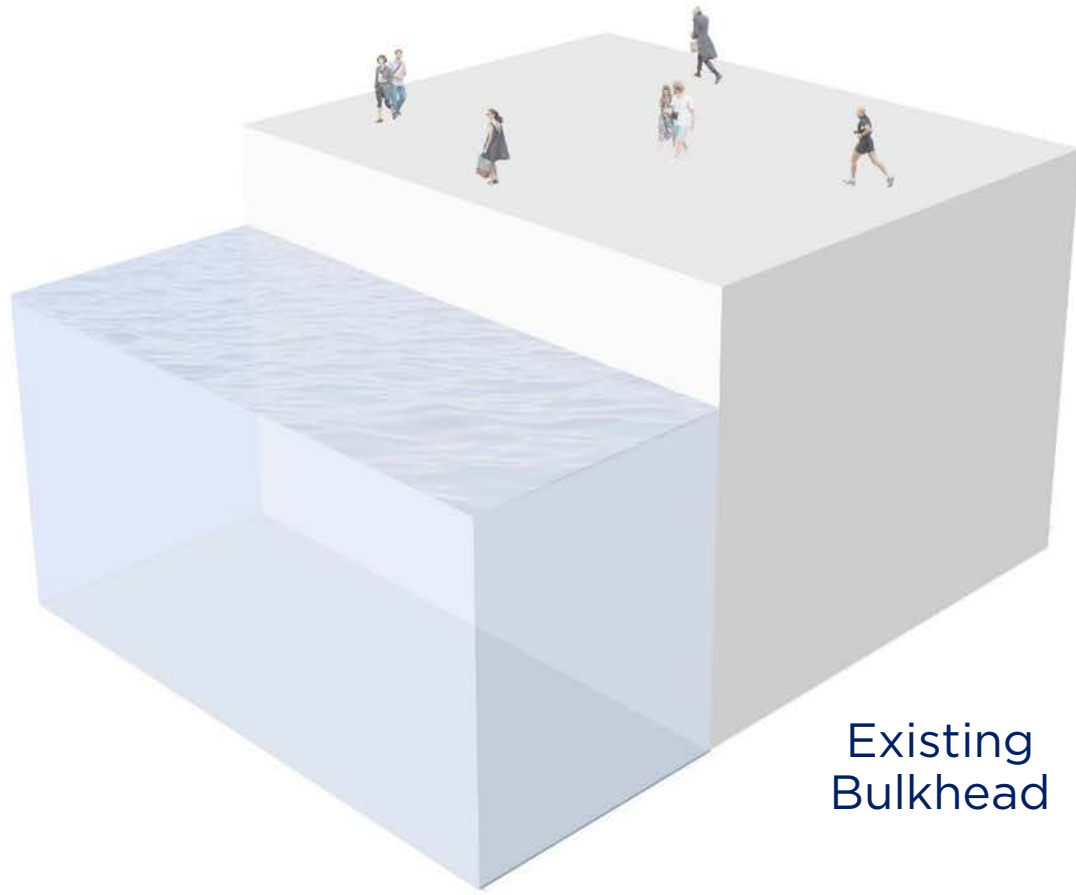
Existing Community



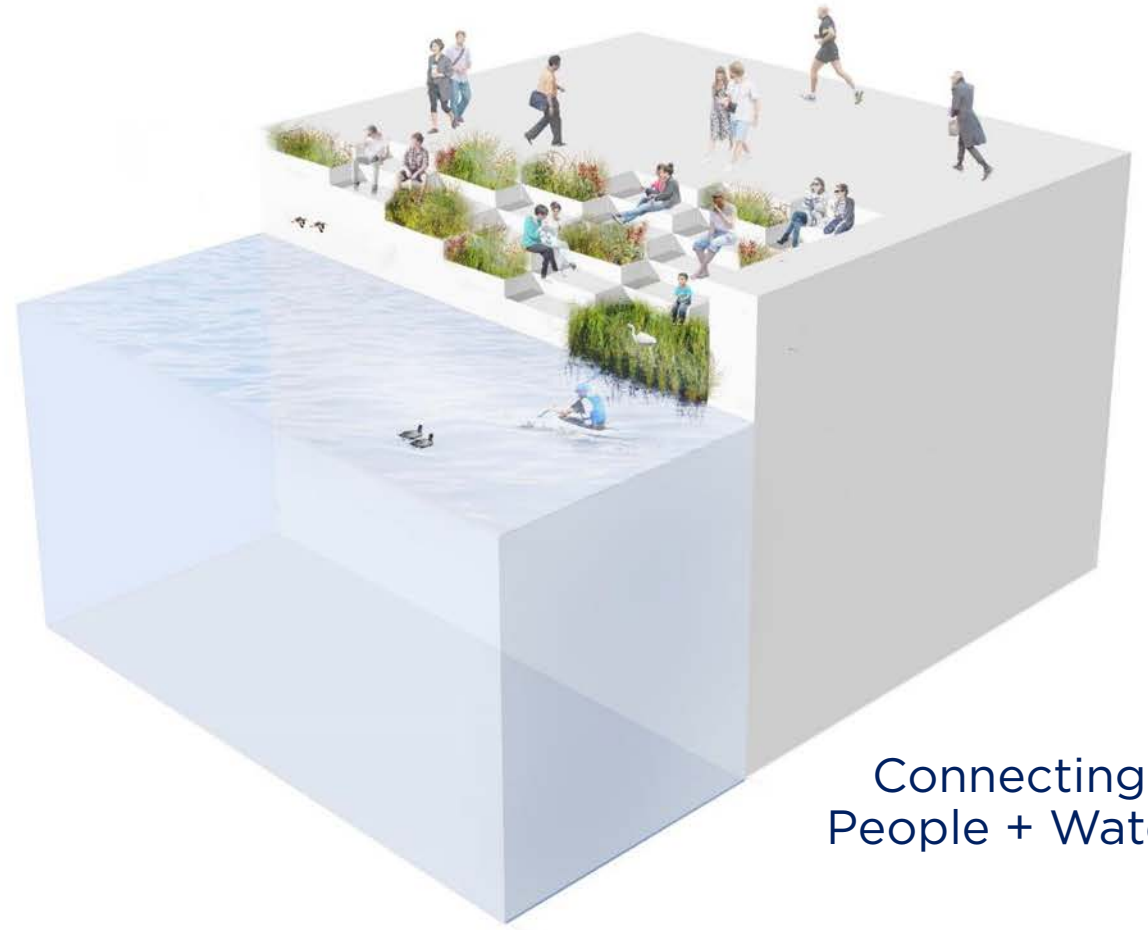
Expanded Community

# Waterfront Campus Plan



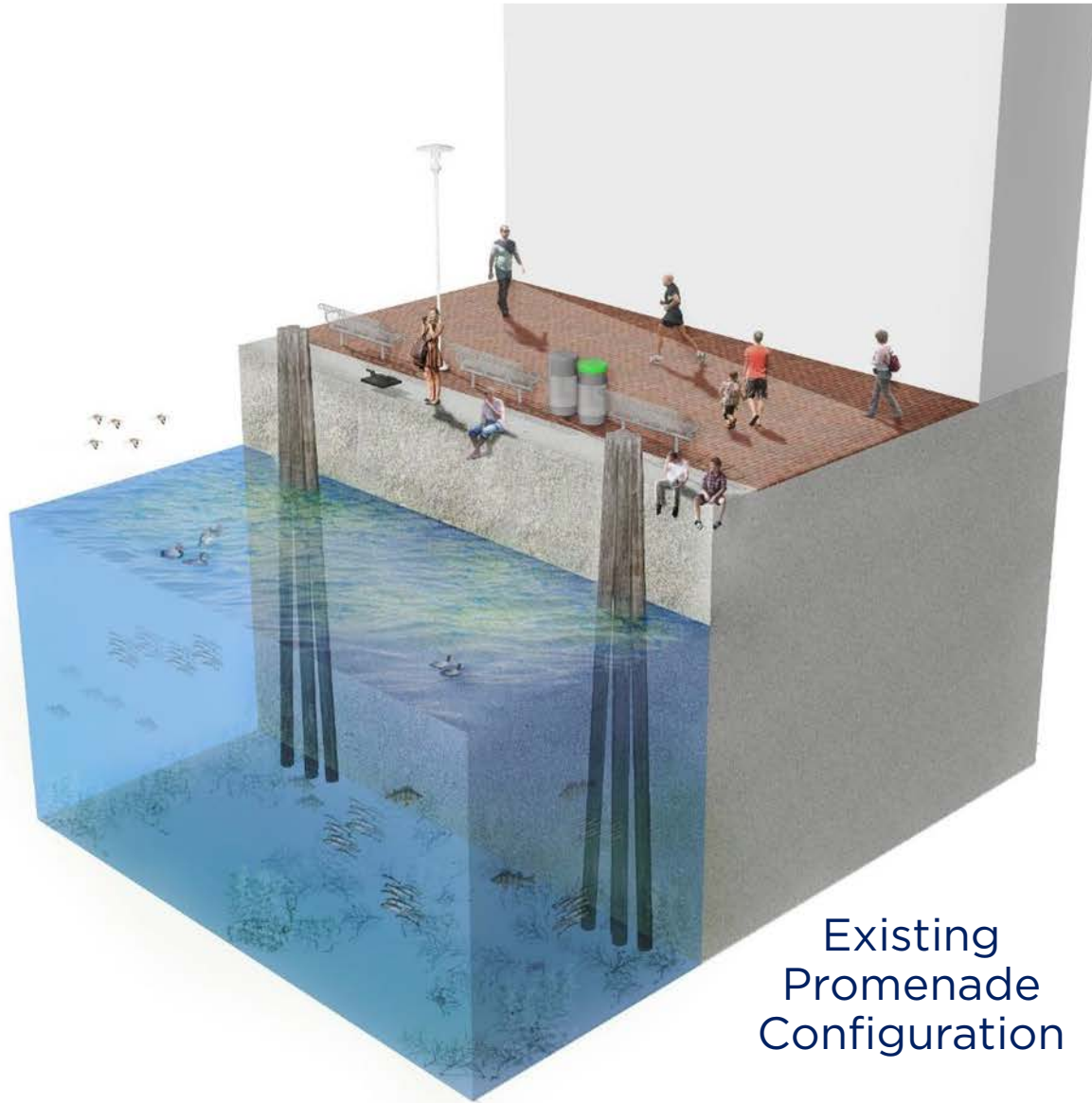


Existing Bulkhead

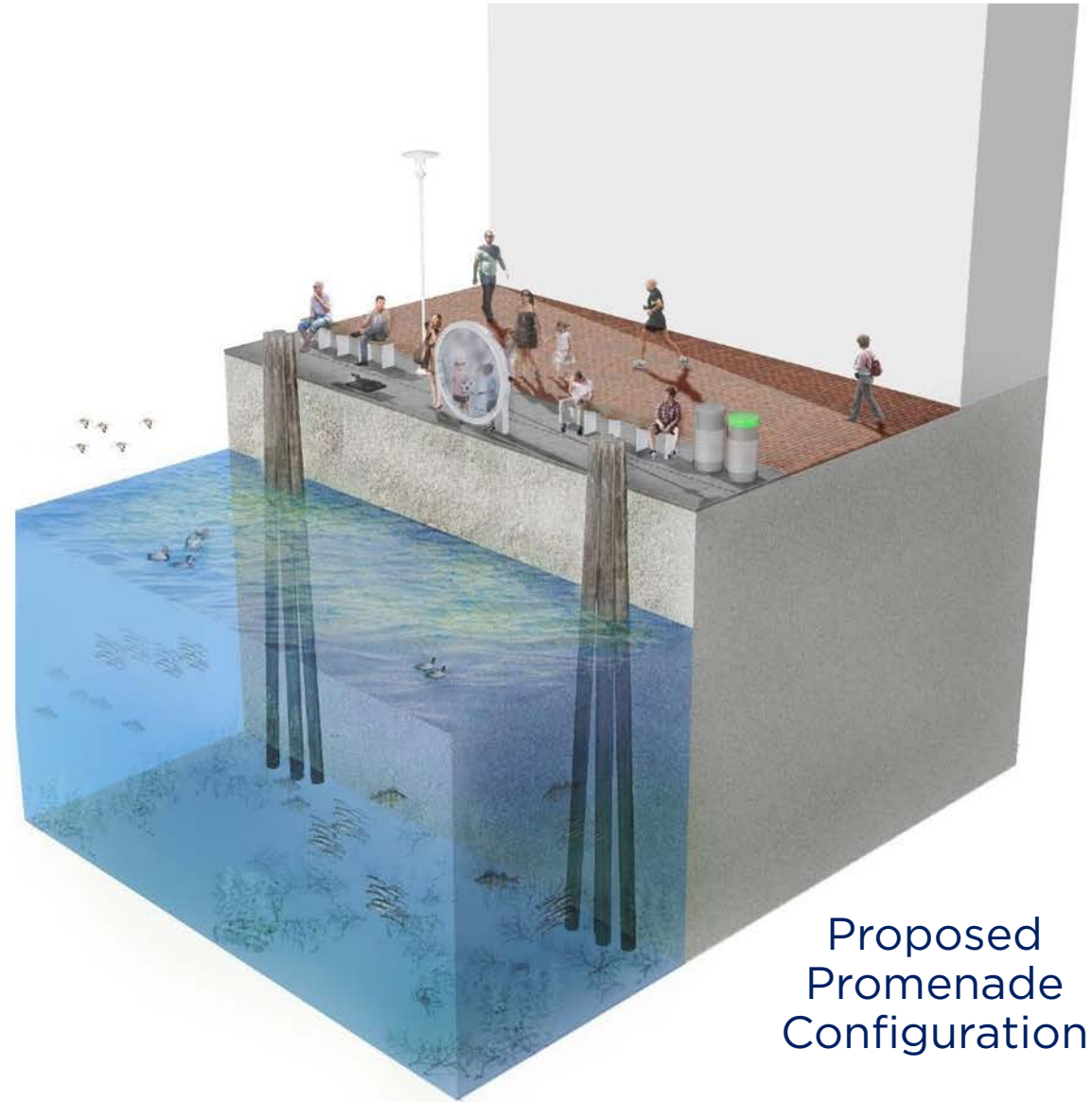


Connecting People + Water

# Water's Edge

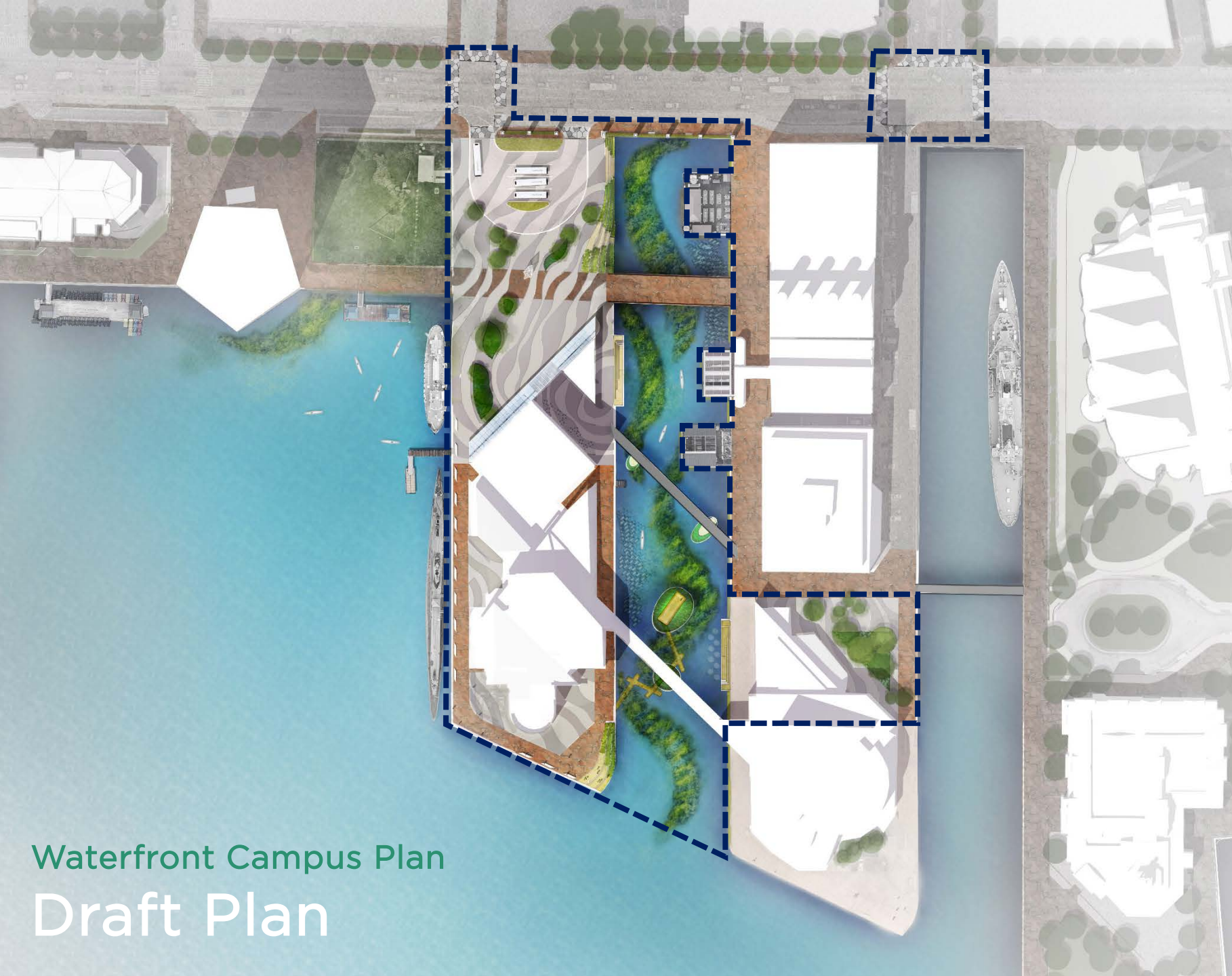


Existing  
Promenade  
Configuration



Proposed  
Promenade  
Configuration

# Promenade



# Waterfront Campus Plan Draft Plan

URBAN WETLAND  
Floating Wetlands  
Aquatic Habitat Shelves  
Wetland Barge  
Cantilevered Amphitheater  
Terraced Edge

BRANDING + WAYFINDING  
Signage + Wayfinding  
Pratt Street Crosswalks  
Trickle Towers  
Drop-off Modifications  
Loading Dock Modifications

WATERFRONT PARK  
IMPROVEMENTS  
Drop-off Modifications  
Waterfront Park Modifications  
Extended Canopy Covering  
Living Wall

INTERACTIVES + SCULPTURE  
Signature Sculpture  
Interactives

PIER 4 ENTRY  
Chesapeake Bay Habitat



Floating Wetlands



Pylon Reef



Tidal Barge



Terraced Edge

Waterfront Campus Plan  
Urban Wetland



Waterfront Campus Plan  
Urban Wetland



Green Wall



Kayak Launch



Living Seawall



Bivalve Reef



Teaching Amphitheater

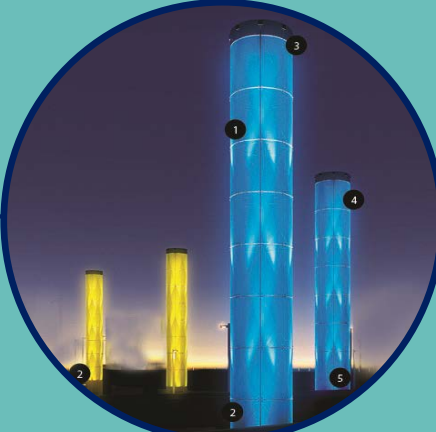


Outdoor Lab

Waterfront Campus Plan  
Urban Wetland



Crosswalks



Trickle Towers



Sculpture



Interactives

Waterfront Campus Plan  
**Sculptures and Interactives**



Waterfront Campus Plan

# Waterfront Park



Signature Sculpture



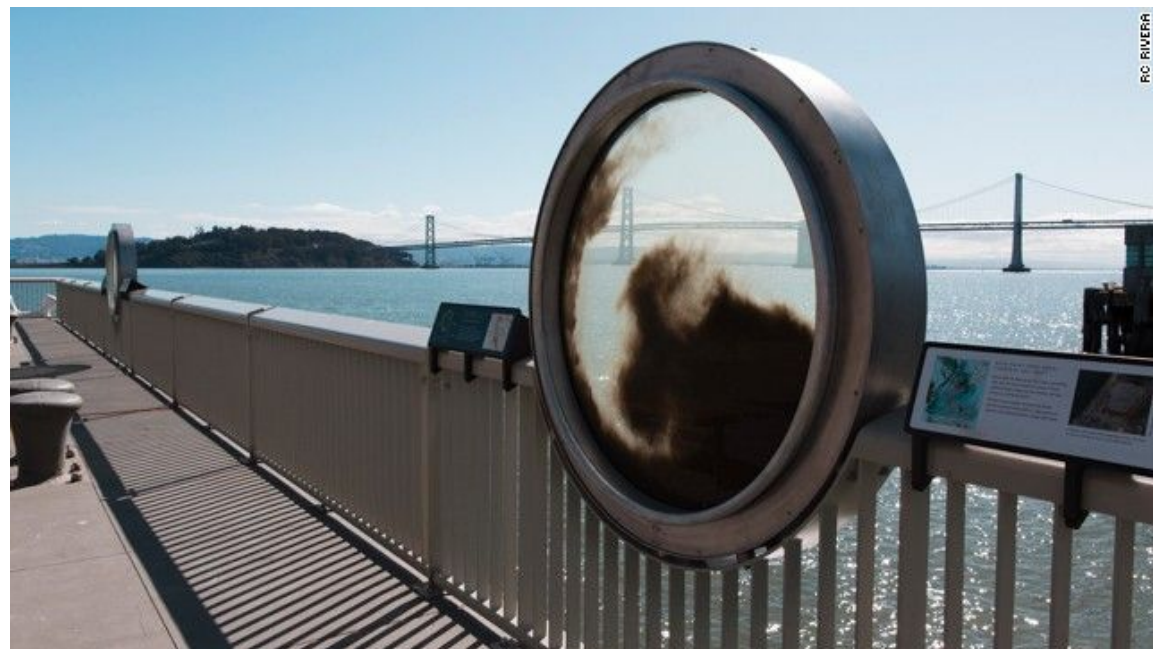
Habitat Exhibit





Chesapeake Bay  
Habitat

Waterfront Campus Plan  
Pier 4 Entry



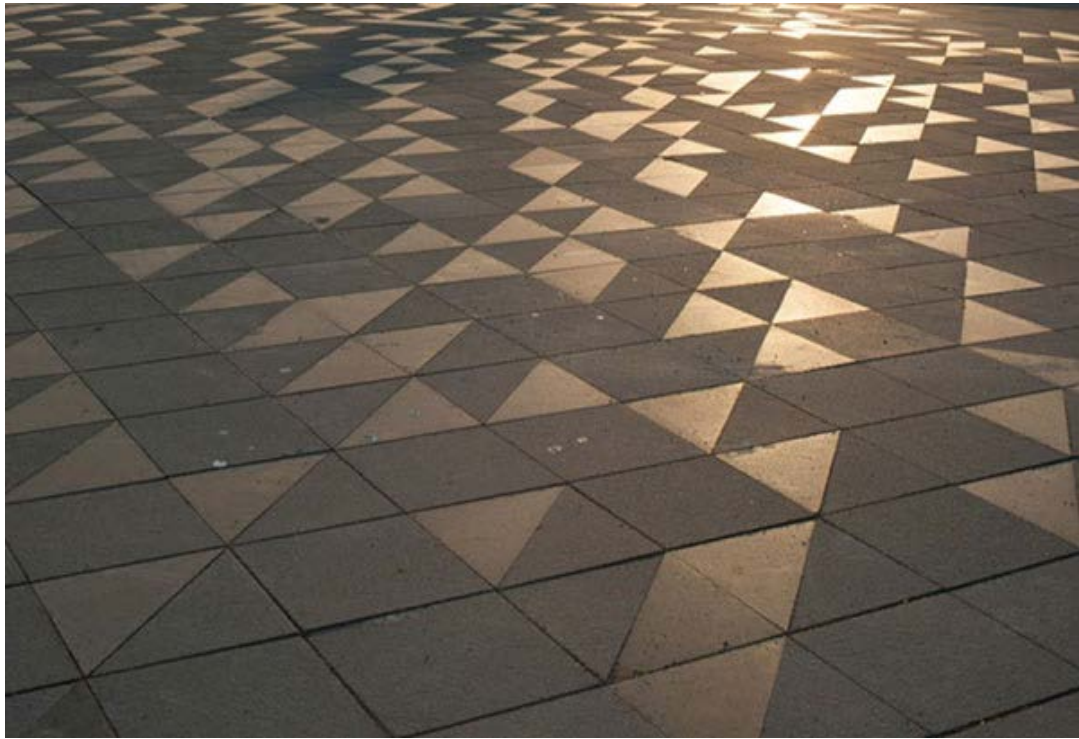
Activators  
**Interactives**



Activators  
**Public Art**



Activators  
**Light Installations**



Site Palette

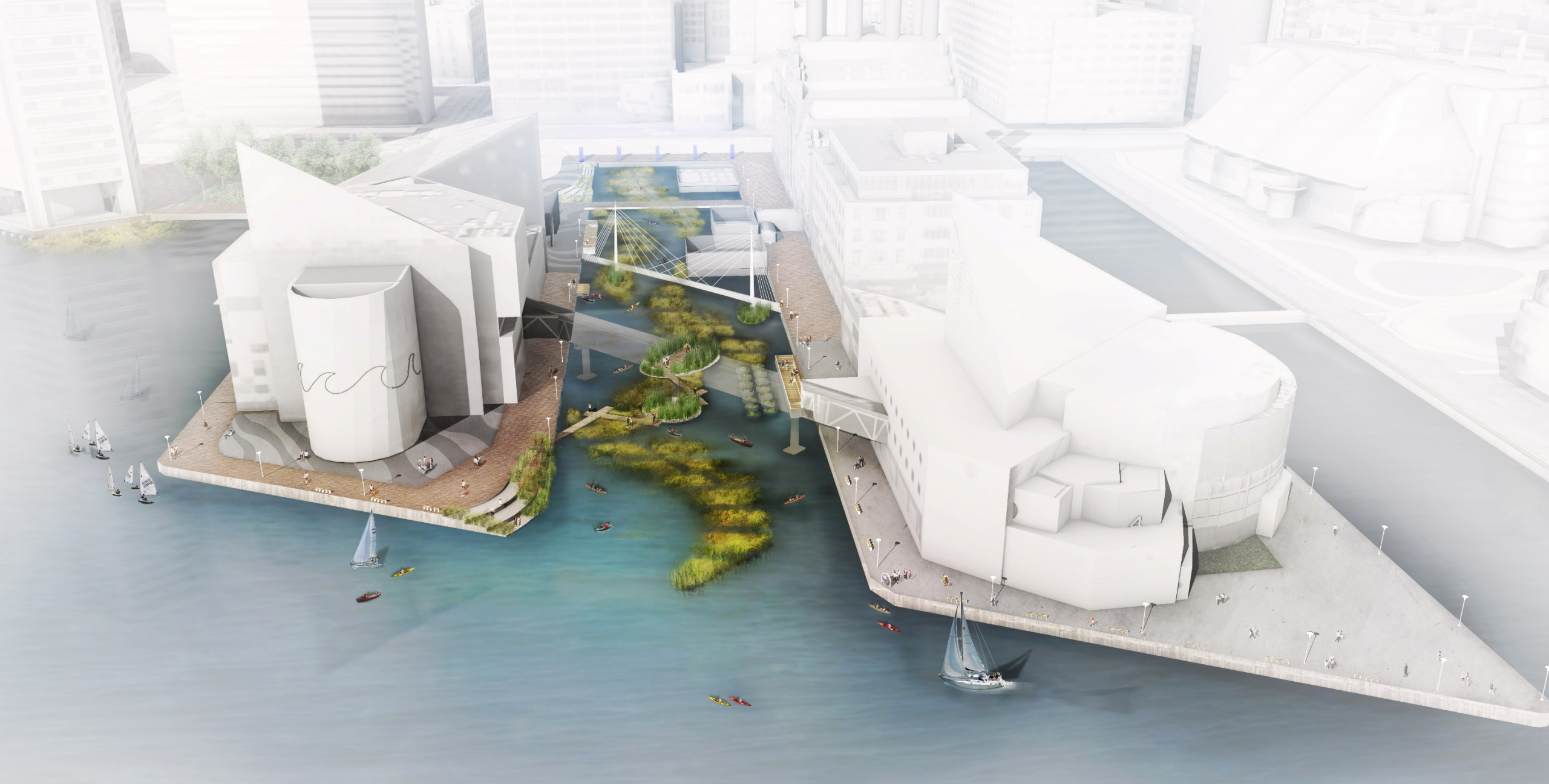
# Pavement Pattern



Site Palette  
**Seating**

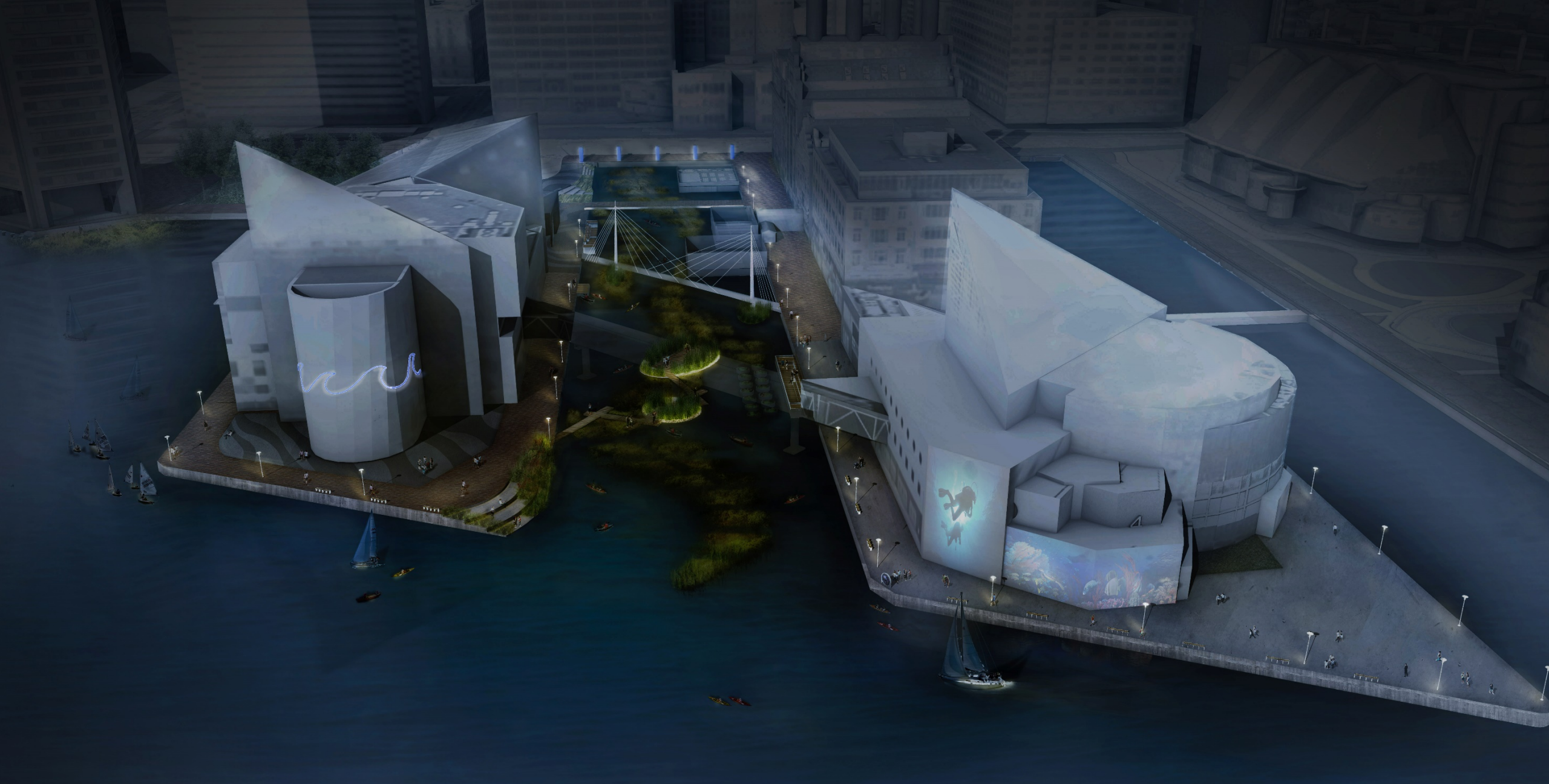


Green Infrastructure  
**Immersive Experiences**



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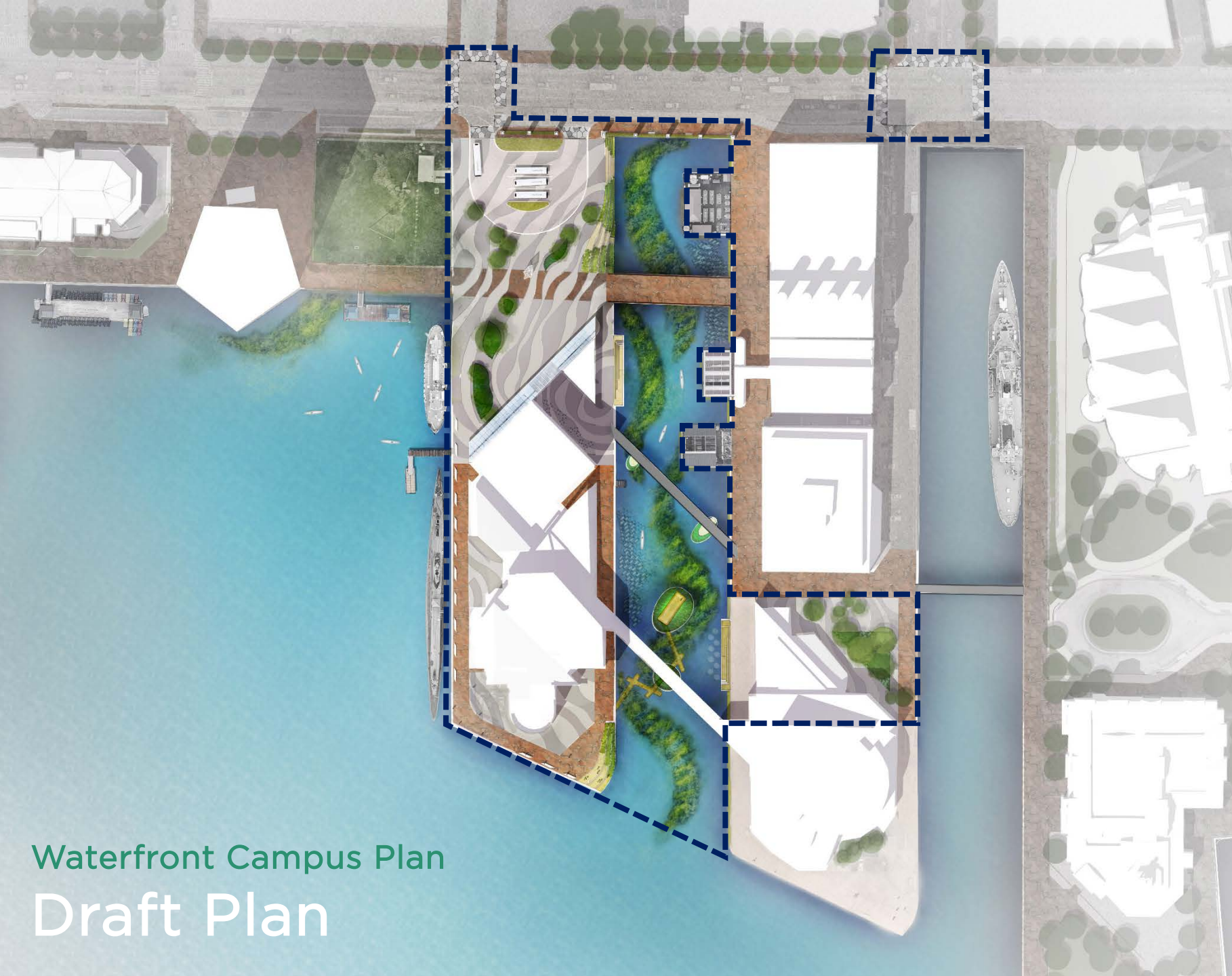




# Waterfront Campus Plan



# Waterfront Campus Plan



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HARRY & JEANETTE  
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