

# Project Schedule

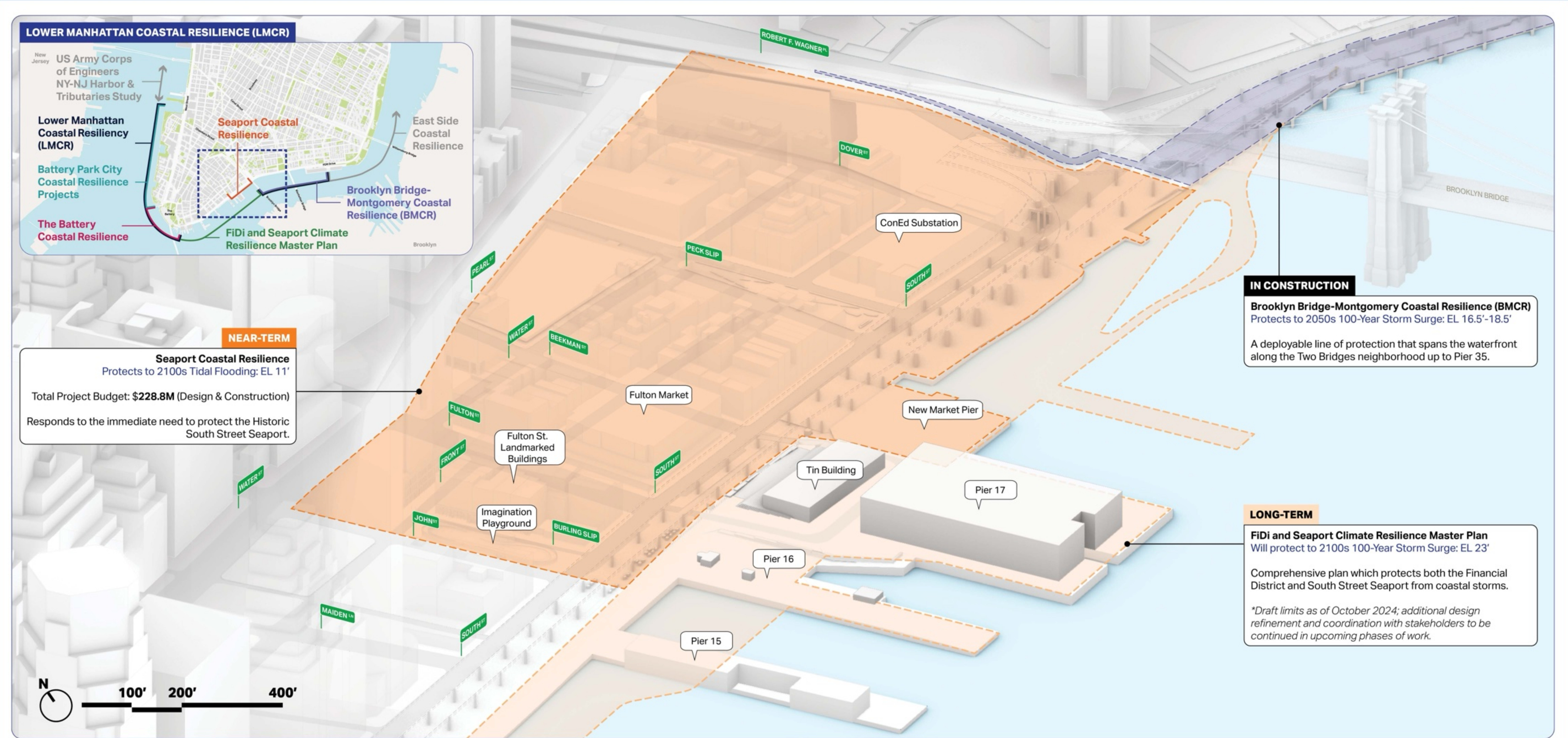


## Data Collection & Design (Winter)

- Existing Drawing Collection
- Surveys (Topographic, Geotechnical, Utility, Bathymetric, Hydraulic)
- Site Inventory and Analysis
- Preliminary Alignment Feasibility Studies
- Coordination with Agencies
- Begin Public Art Process
- Begin Schematic/Pre-conceptual Design



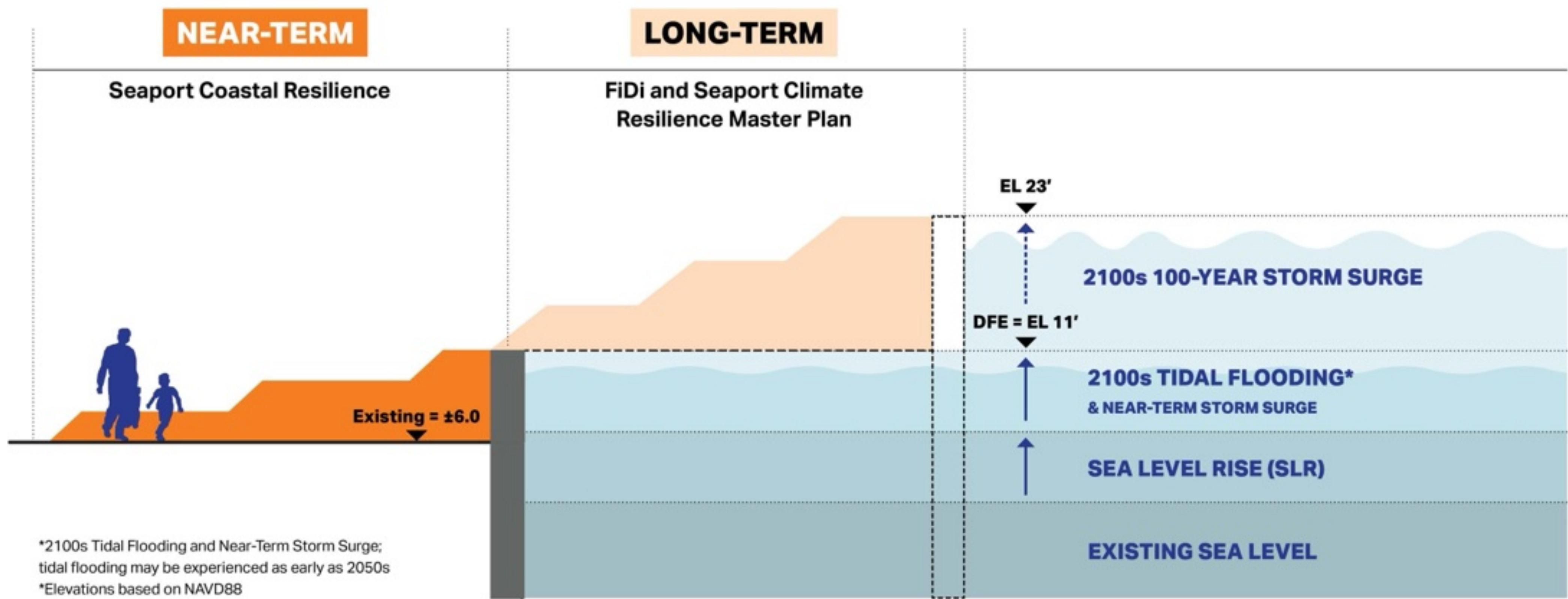
# What is Seaport Coastal Resilience?



Seaport Coastal Resilience (SPCR) is a near-term project aiming to protect the Historic South Street Seaport from future tidal inundation and current day coastal flooding.

Part of Lower Manhattan Coastal Resilience (LMCR), this project will connect with BMCR to the north and be followed by the FiDi-Seaport Climate Resilience Master Plan in the long-term.

## How does the Design Flood Elevation (DFE) compare between projects?



### NEAR-TERM

#### Seaport Coastal Resilience

- DFE of EL 11'
- Mitigation up to 2100s tidal flooding & near-term storm surge

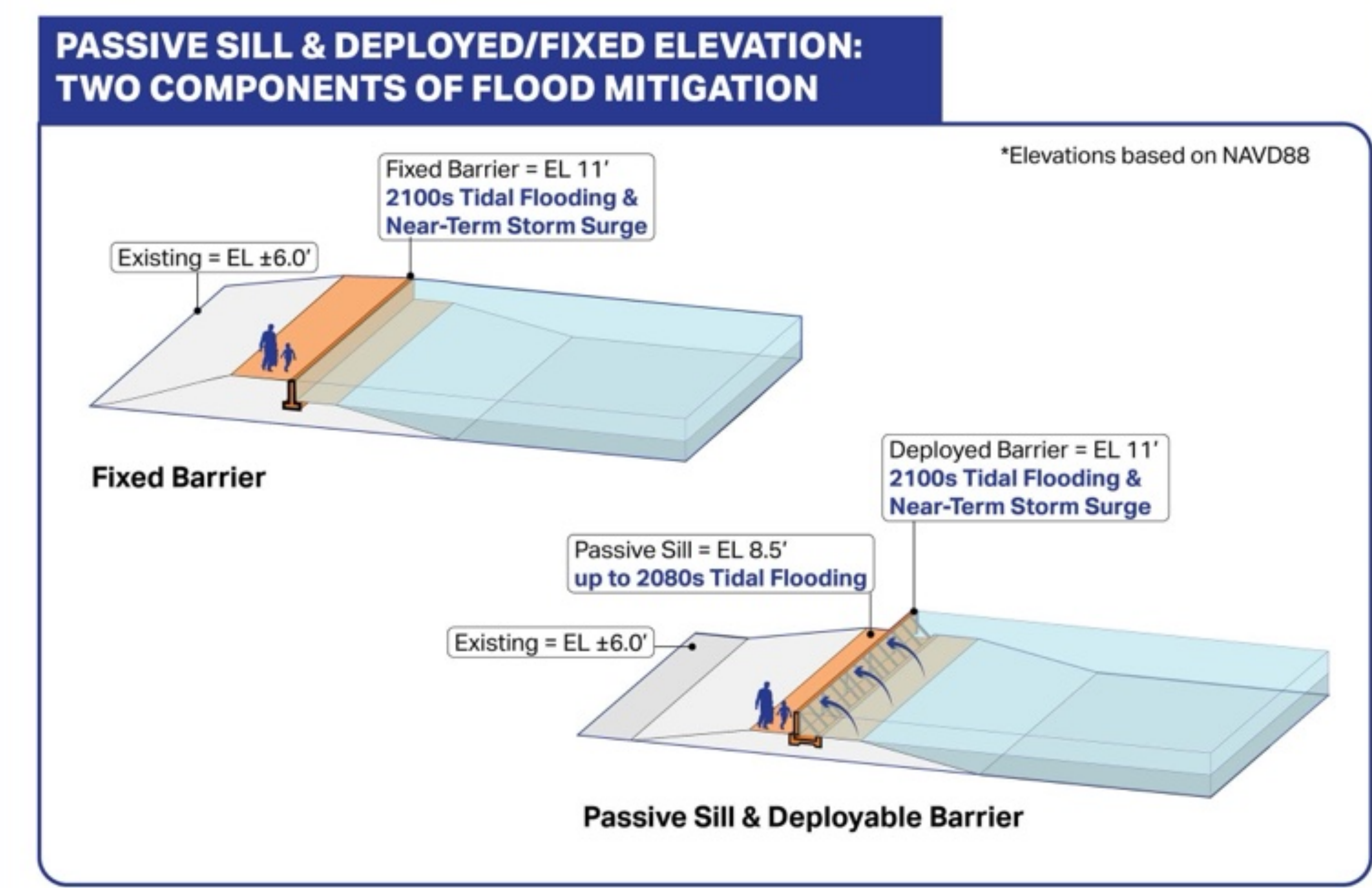
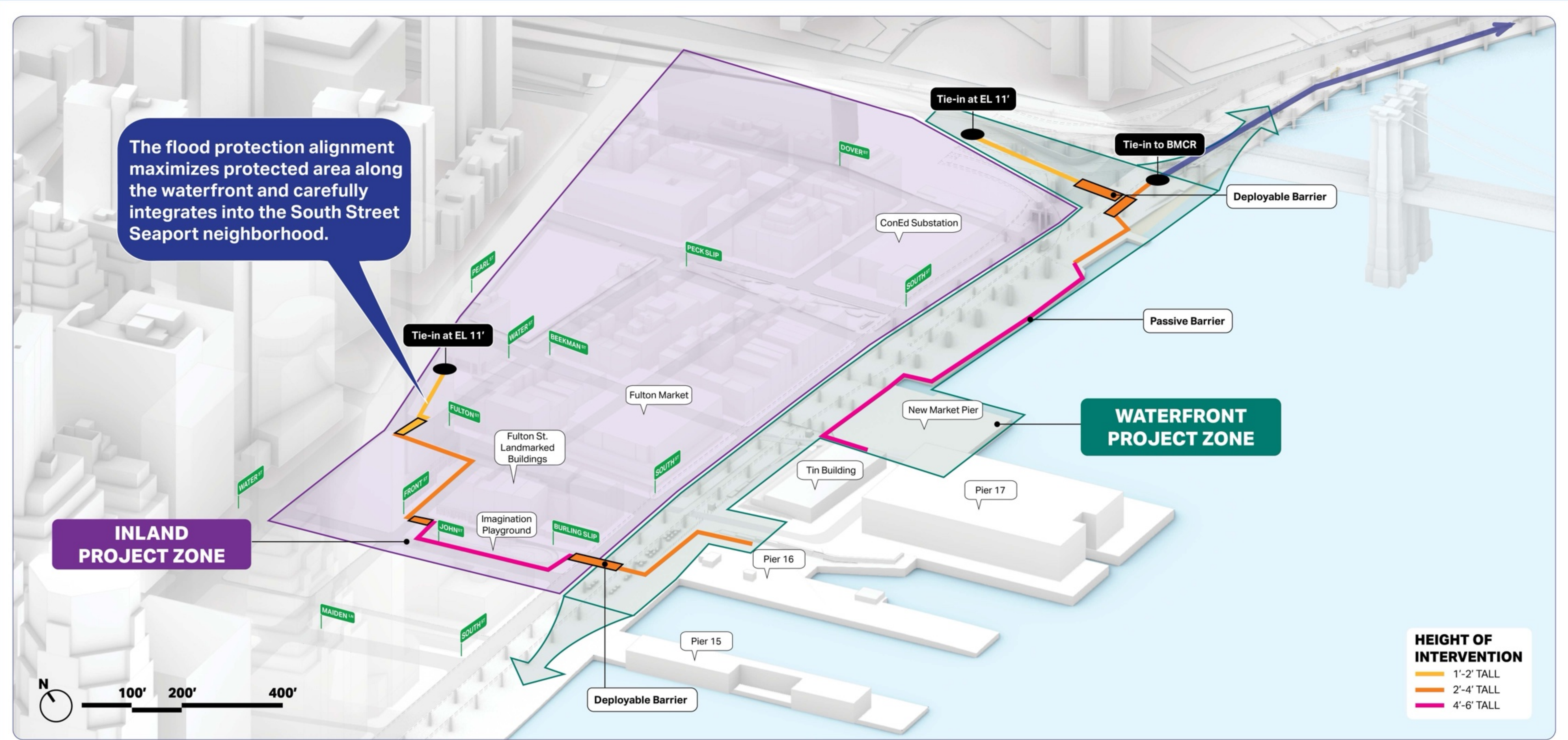
### LONG-TERM

#### FiDi-Seaport Master Plan

- Includes FiDi, Seaport, and connects to the Battery
- DFE of EL 23'
- Mitigation up to 2100s storm surge



# The Flood Alignment & Project Zones



## Highlighting the distinct characteristics of South Street Seaport





# Project Zone Key Considerations

The design of the Seaport Coastal Resilience project takes into account the many constraints present in both the **inland** and **waterfront** project zones.

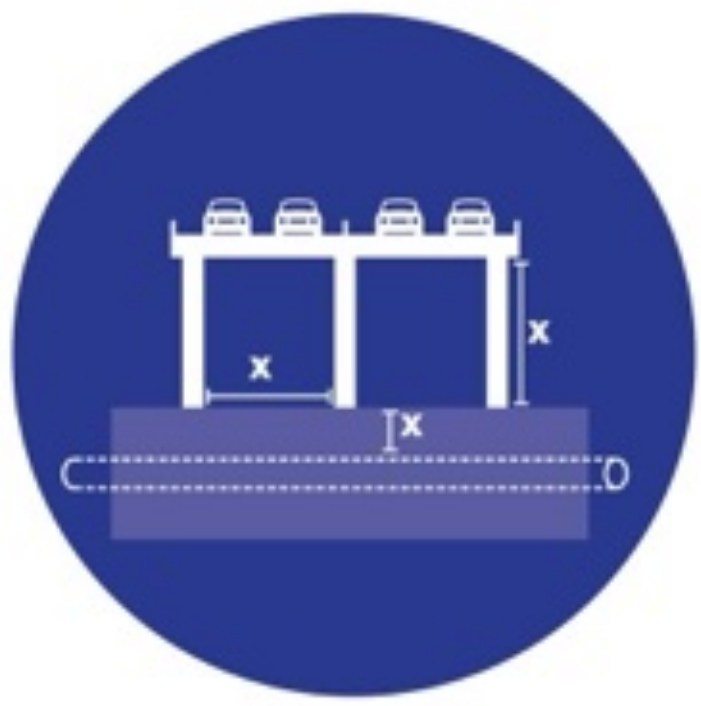
Key Considerations for the project:



**MAXIMIZING**  
protected area

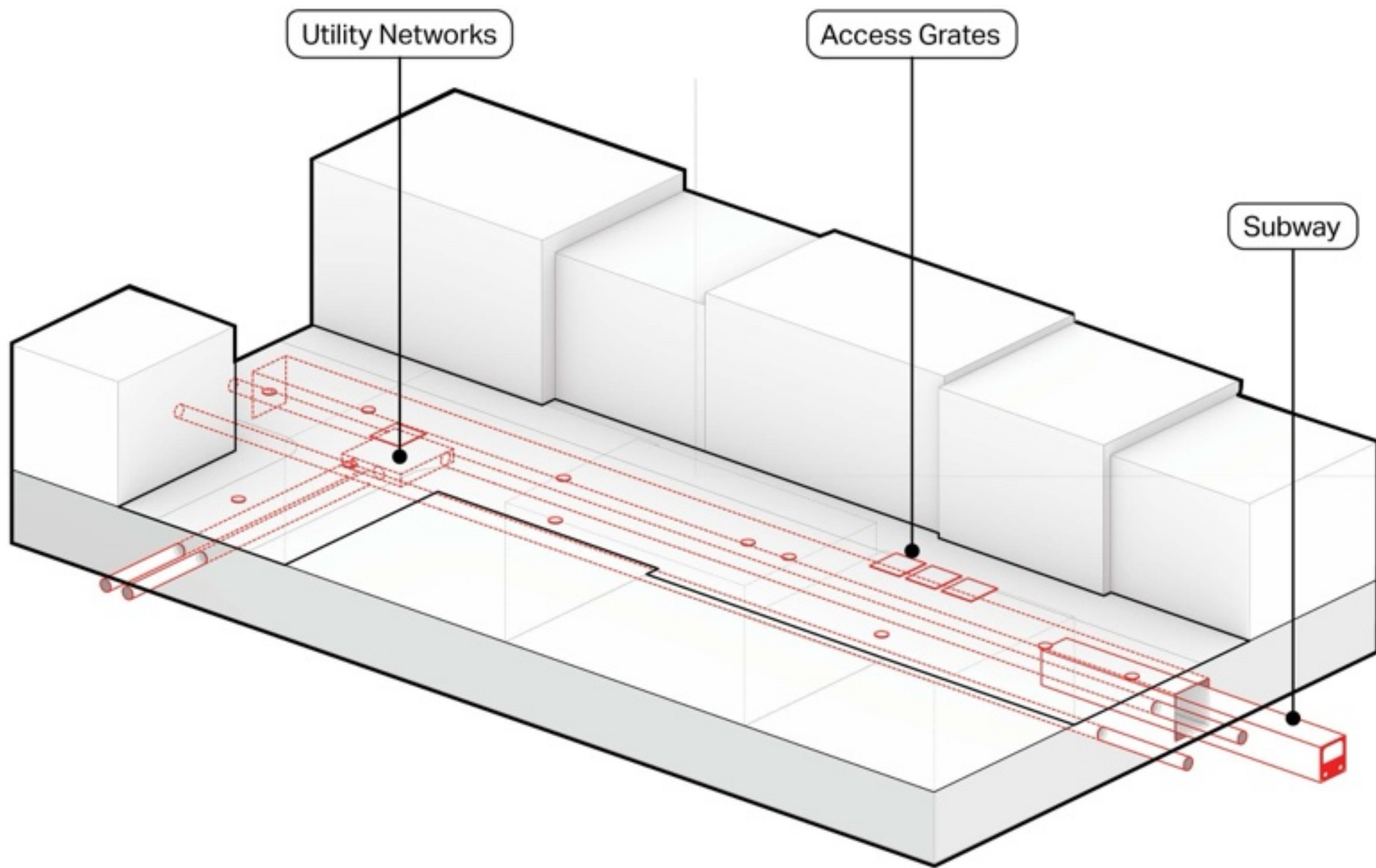


**ENHANCING**  
universal access

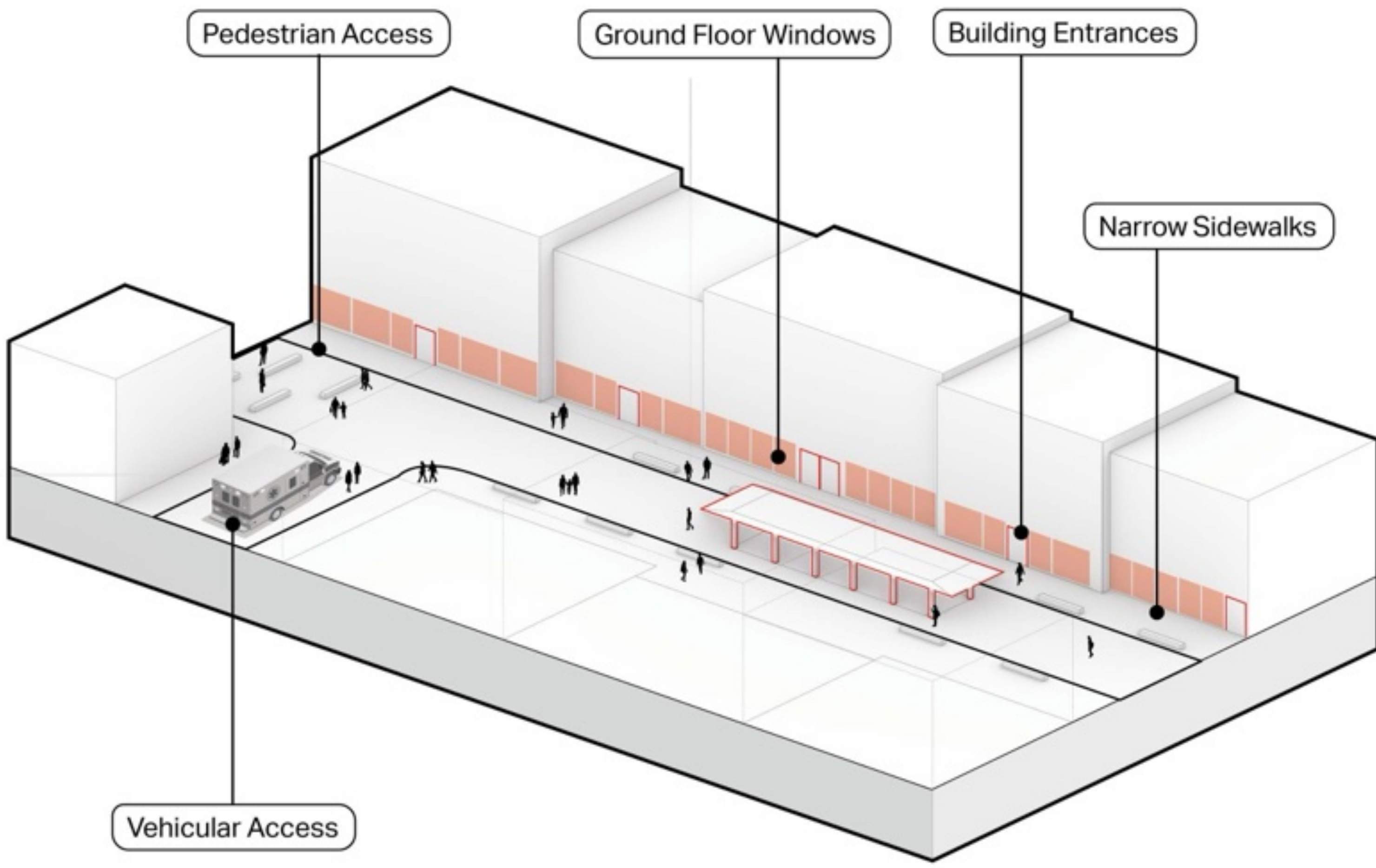


**NAVIGATING**  
existing utility and  
corridor constraints

## INLAND ZONE

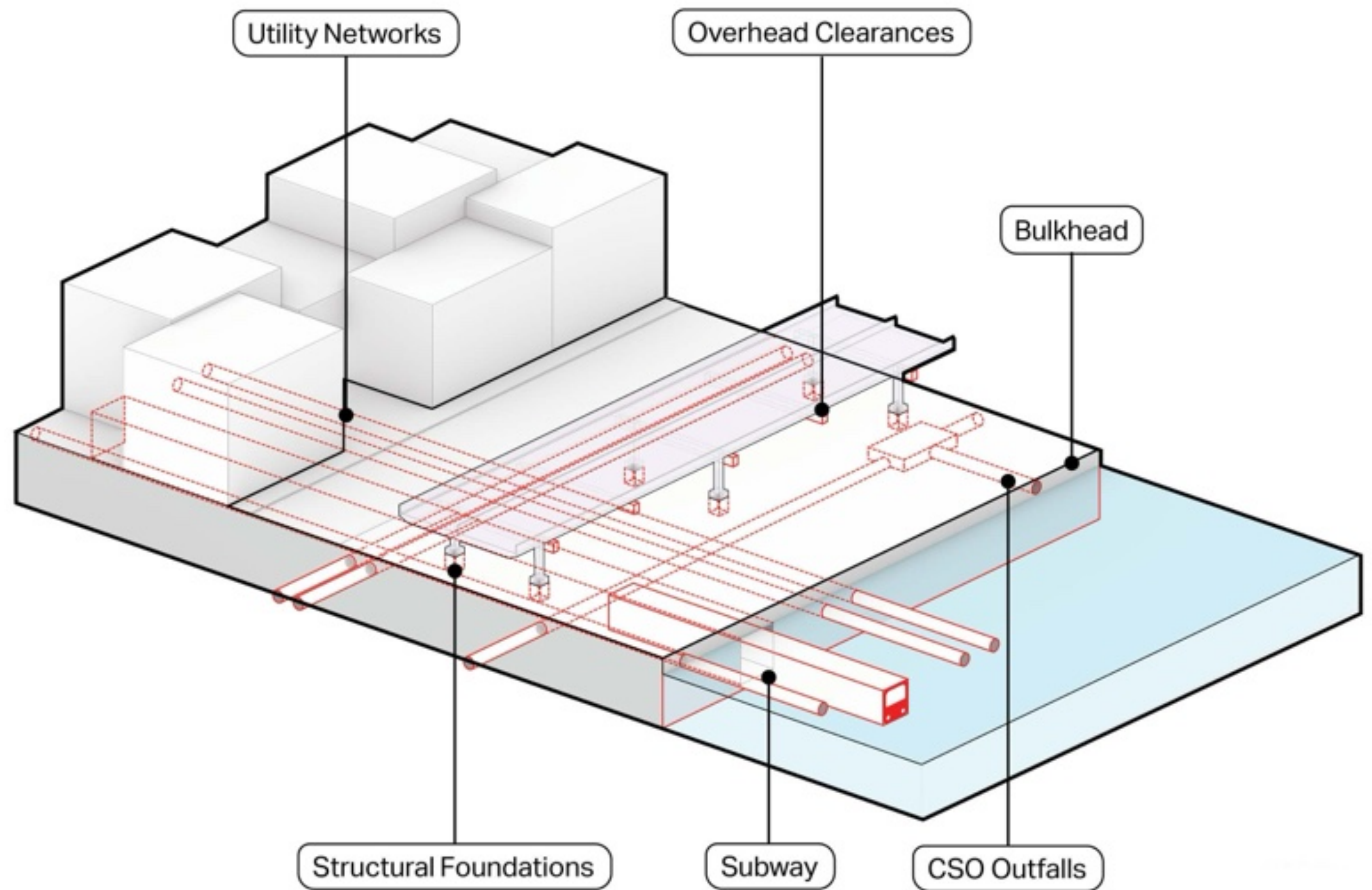


Utility Networks

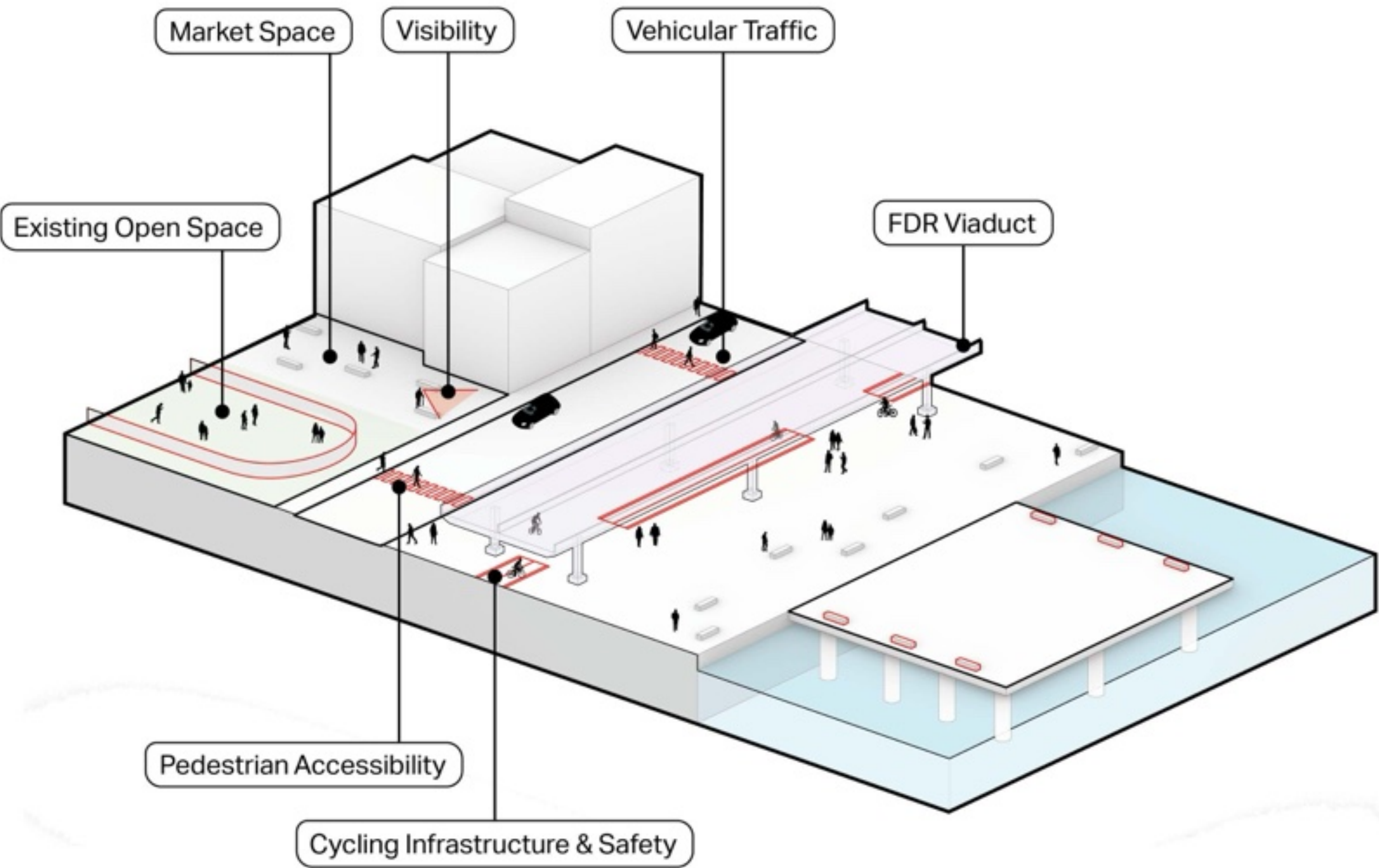


Circulation & Adjacent Uses

## WATERFRONT ZONE



Subsurface Infrastructure



Adjacent Planned Projects



# Our Design Approach

## Design Objectives for SPCR



**CONNECT**  
neighborhood & waterfront



**PROTECT**  
maximum land area



**INTEGRATE**  
infrastructure with placemaking

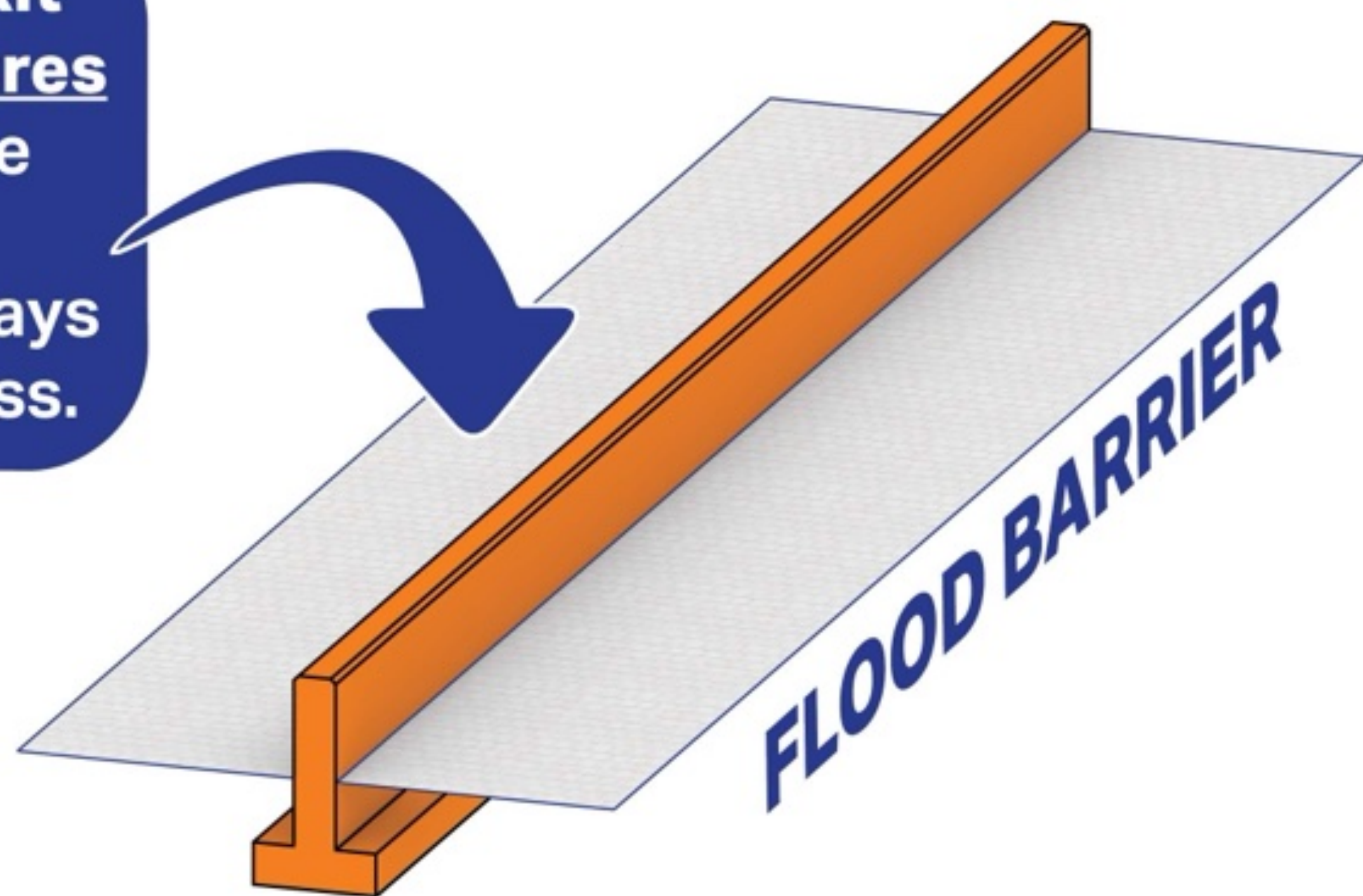


**ENHANCE**  
public realm experience



**CELEBRATE**  
the historic character

The flood alignment toolkit outlines the passive measures used in the majority of the project and deployable measures used over roadways to facilitate vehicular access.



What are the methods for going up and over the flood barrier?

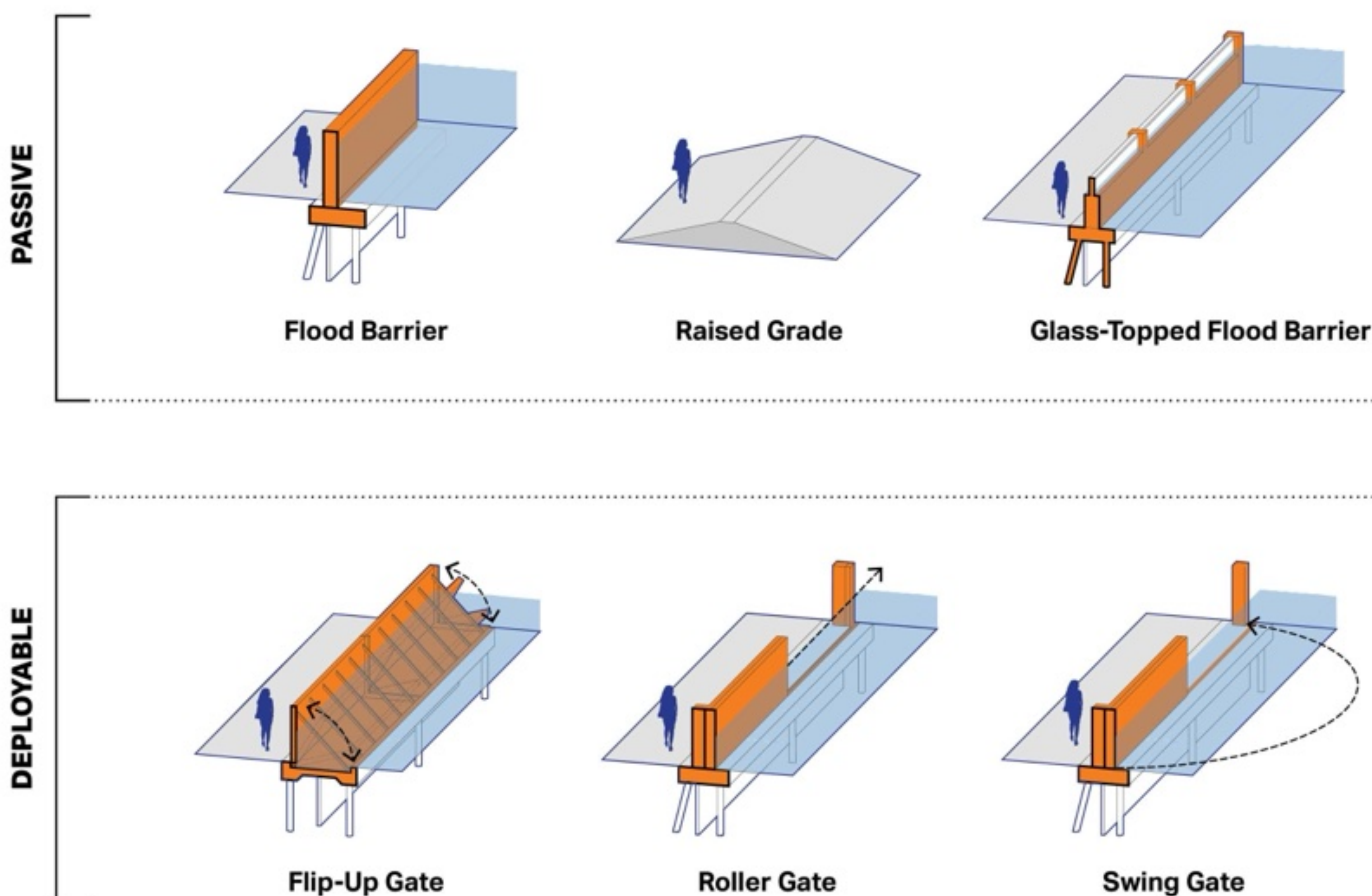


Are there opportunities for something play-oriented?

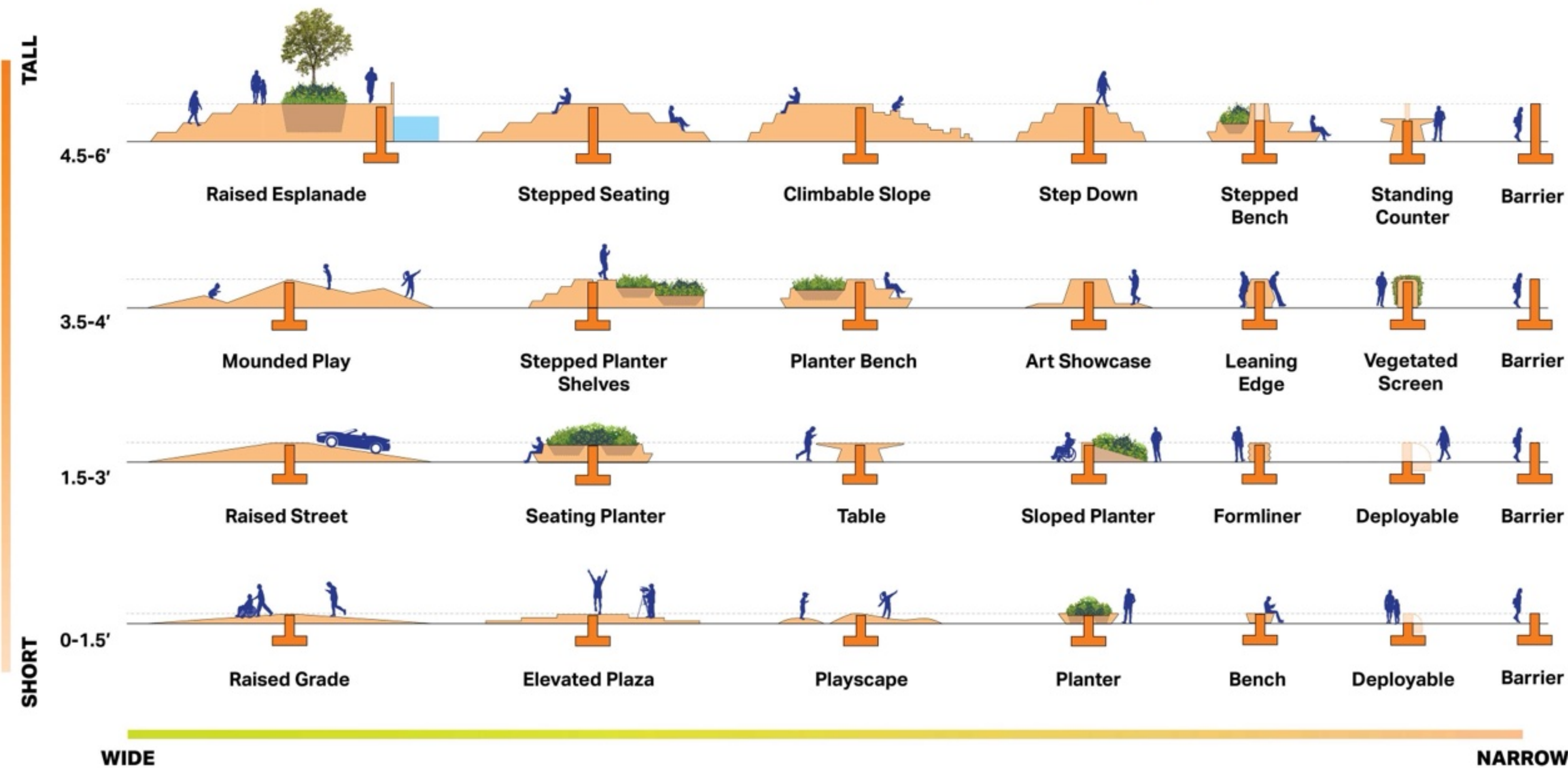
What are the different ways that planting can be introduced?

The placemaking design toolkit illustrates many ways that the flood barrier can be cladded and transformed into flexible forms of open space.

### FLOOD ALIGNMENT TOOLKIT

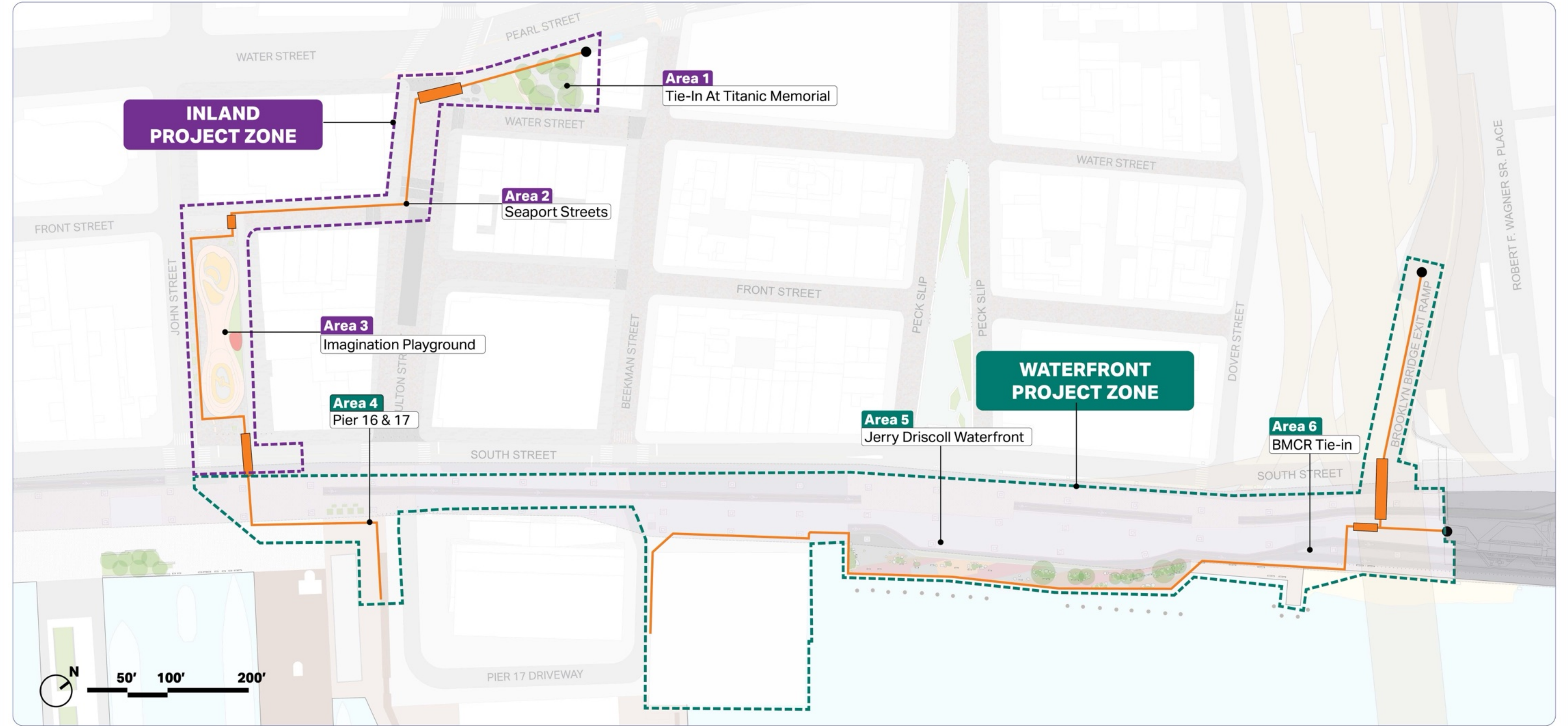


### PLACEMAKING DESIGN TOOLKIT





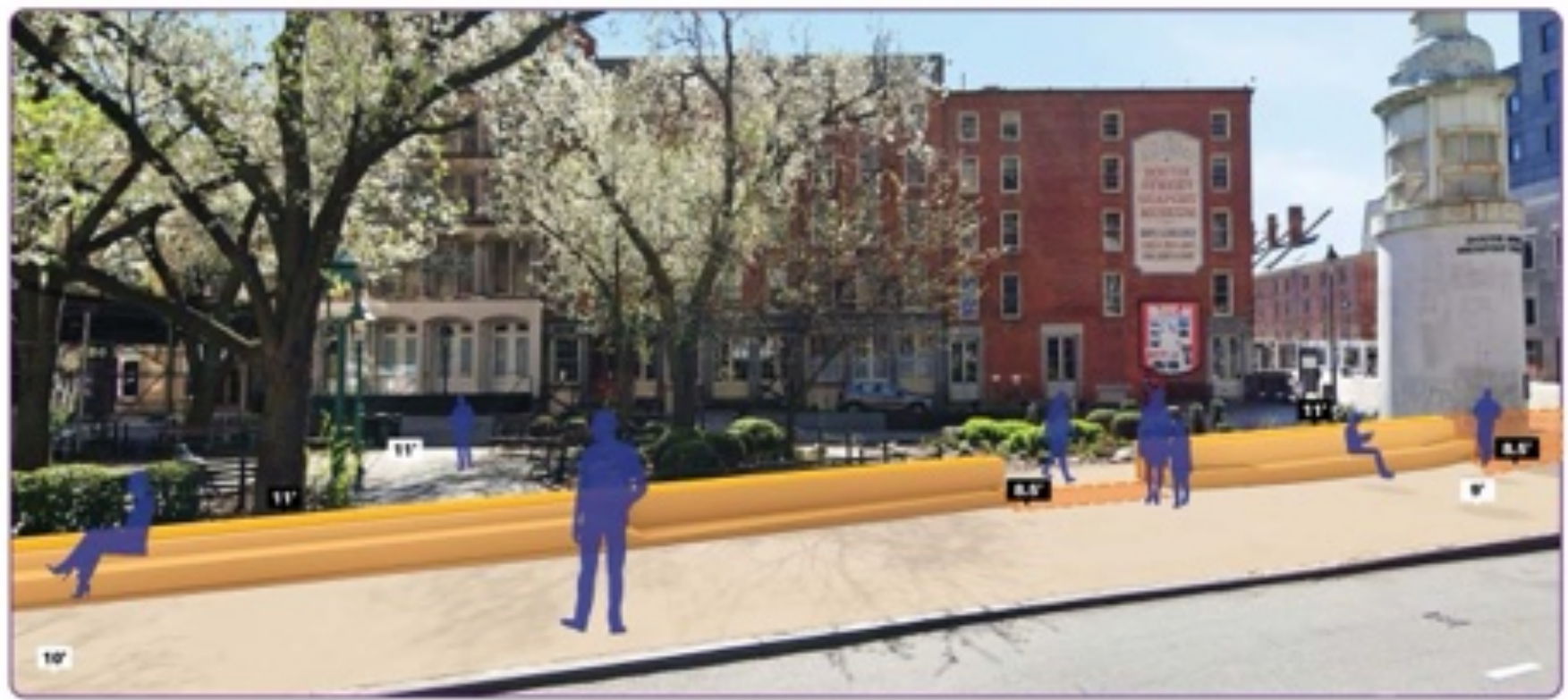
# Pre-Design Framework



The project area has been split into two distinct zones that can inform the placemaking opportunities along the flood alignment.

INLAND ZONE

Area 1: Titanic Memorial



Area 2: Seaport Streets



Area 3: Imagination Playground



WATERFRONT ZONE

Area 4: Pier 16 & 17



Area 5: Jerry Driscoll Waterfront

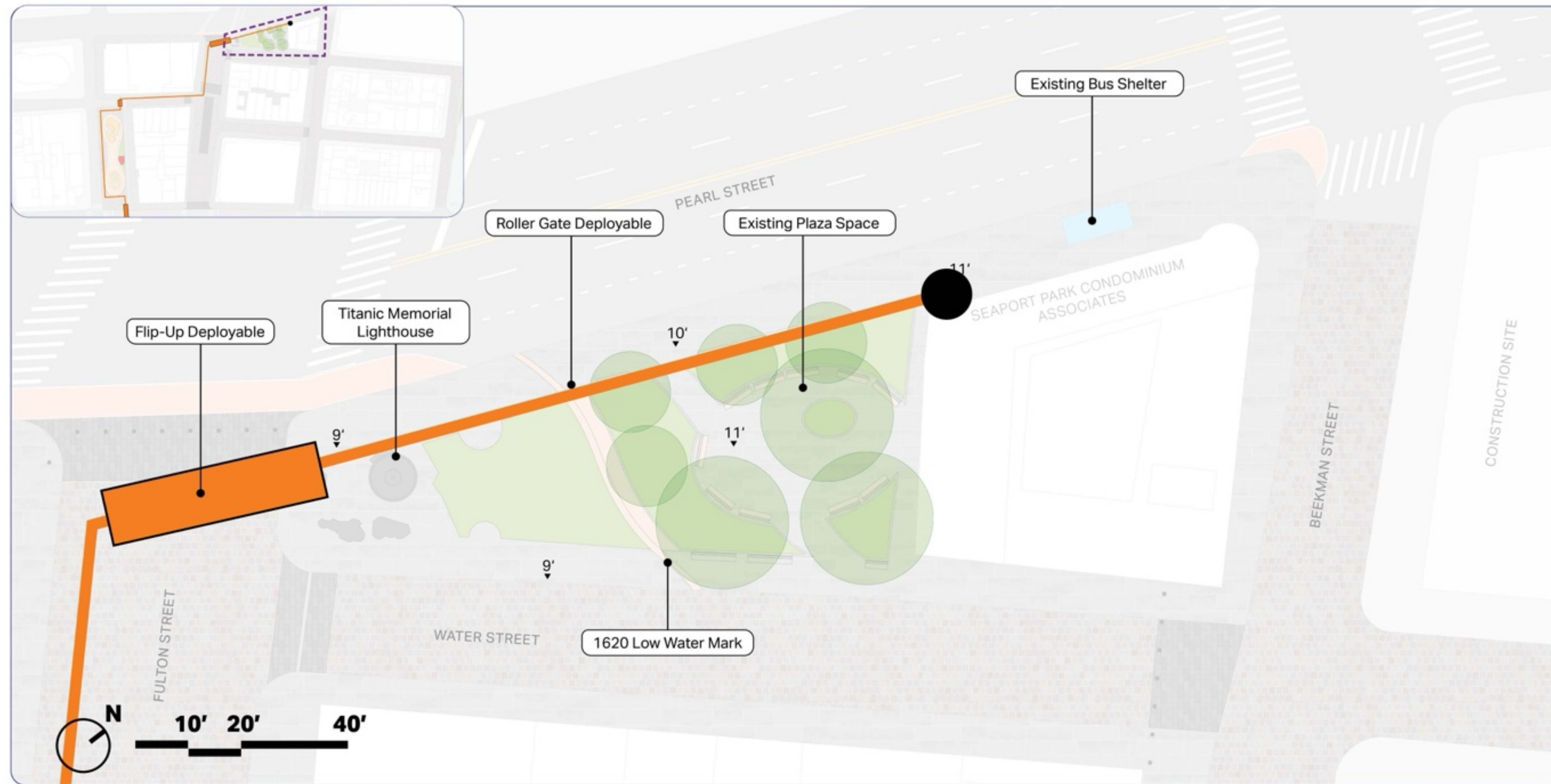


Area 6: BMCR Tie-in





## Inland Project Zone | Area 1: Titanic Memorial



**Titanic Memorial is the location of the inland zone tie-in. The flood alignment runs along the site in the form of cladded walls, sloped planters and seating edges. This aims to preserve existing key circulation and streetscape features (i.e. bus shelters and seating areas).**





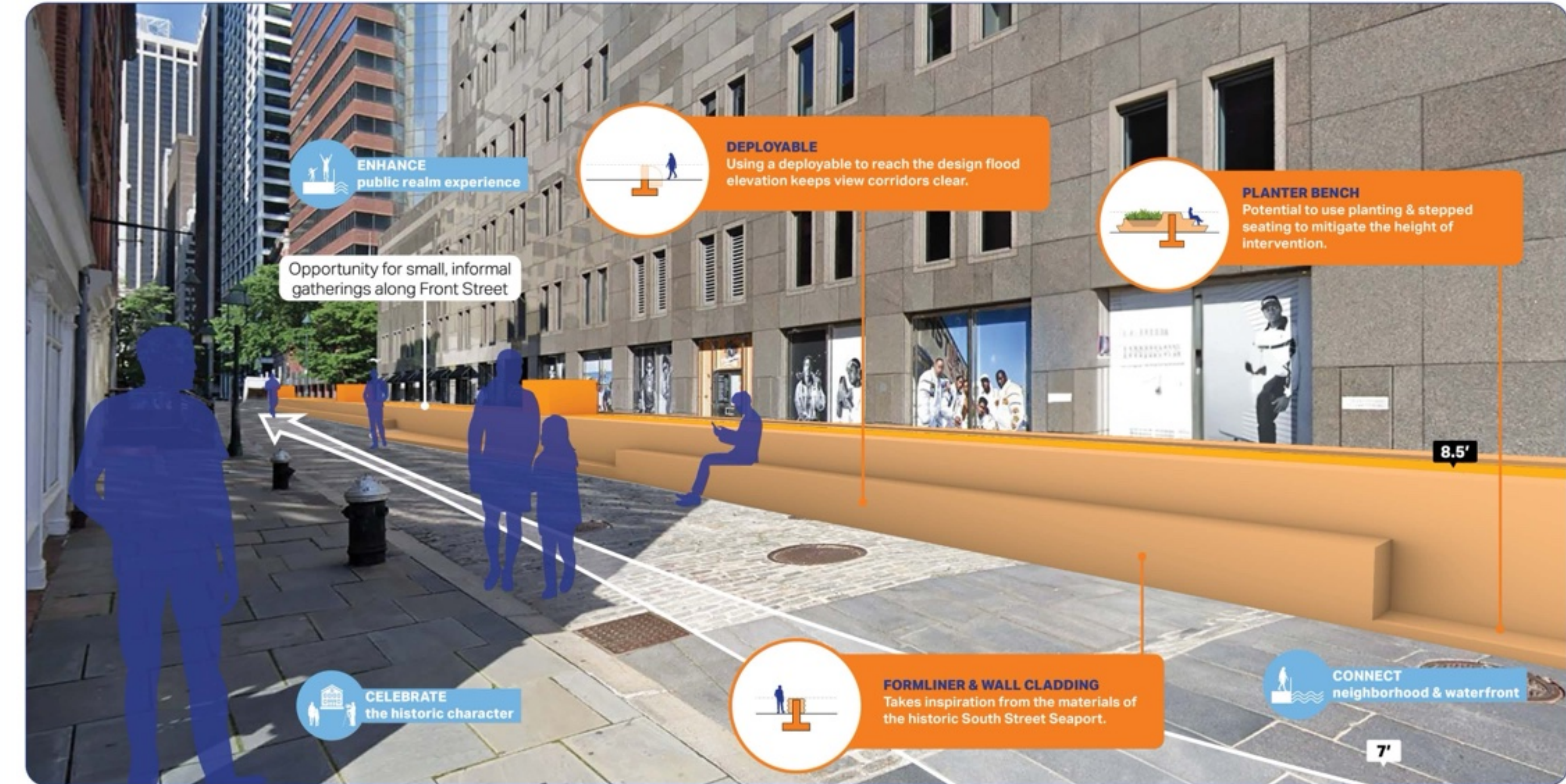
# Inland Project Zone | Area 2: Seaport Streets



The flood alignment along Seaport’s historic streets aims to minimize the scale of the intervention and facilitate existing uses. Two concepts are studied to provide options for deployable or permanent flood wall barriers.



## Scenario 1: Deployable System



## Scenario 2: Permanent Glass Flood Barrier





# Inland Project Zone | Area 3: Imagination Playground



What do you like about the current Imagination Playground?

Would you want a larger variety of play and safety features?

Are there any problems or issues with the present-day Playground?



The flood alignment wraps around the perimeter of Imagination Playground, protecting open space valued by the Seaport community. Planted spaces and flexible seating opportunities align along the playground's edge while an accessible ramp connects the existing sidewalk grade to the inside of the playground. The curb along John Street is bumped out to provide comfortable walking space.

**MOUNDED PLAY**  
Creating a raised walkway along the playground's perimeter can provide new play opportunities.

**CELEBRATE**  
the historic character

**RAISED STREET & DEPLOYABLE**  
Raising the street level and establishing a deployable across South Street allows for free circulation.

**SLOPED PLANTER BENCH & RAISED ENTRANCE**  
Sloped planters and stepped seating are a few ways to mitigate the height of intervention.

**ENHANCE**  
public realm experience

Universal access will allow for parents and children to navigate between the streetscape and playground interior.

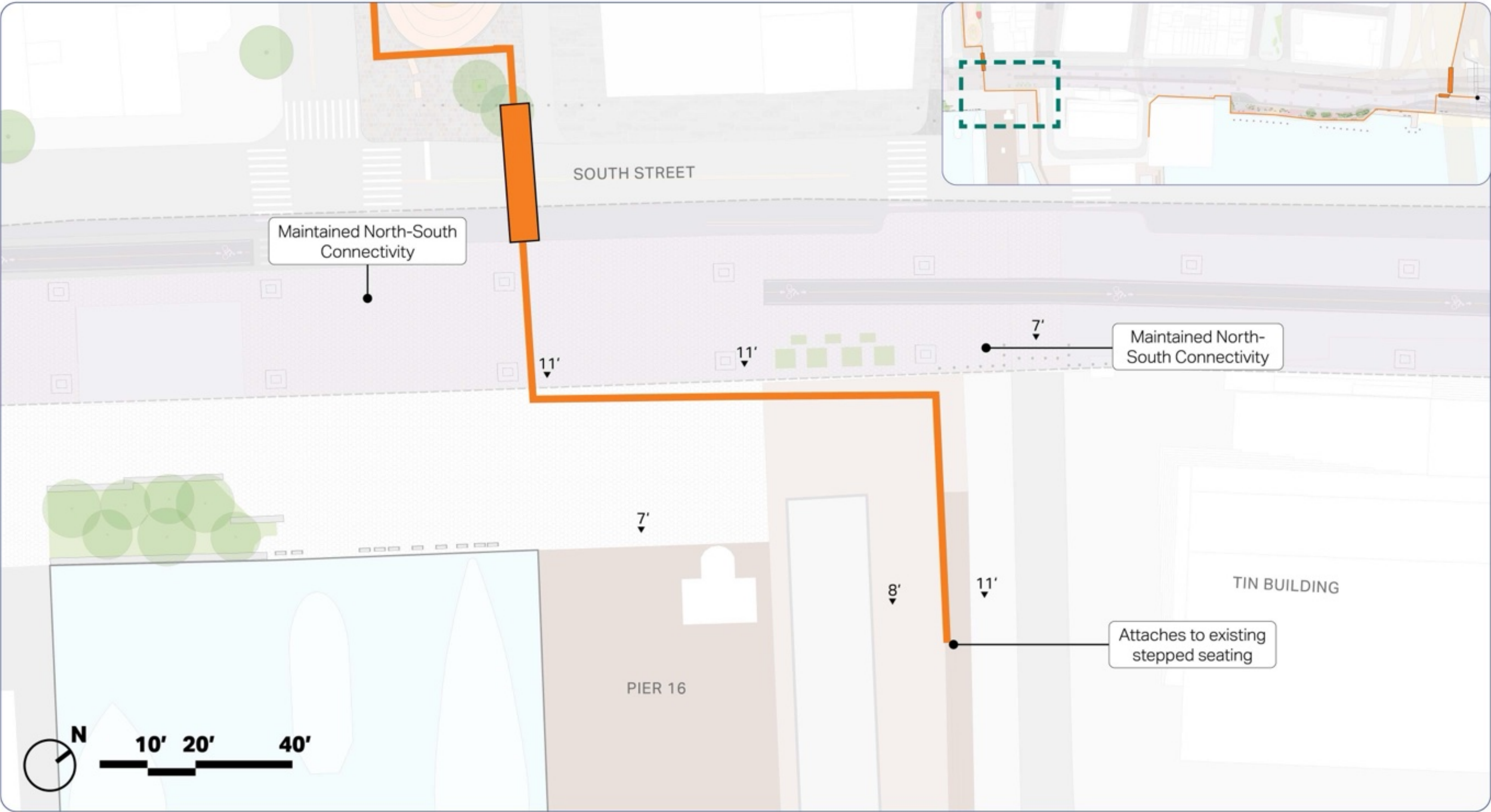
Potential space for planting & shade

Opportunity to create a playground edge that activates the corner of John Street & South Street

**CONNECT**  
neighborhood & waterfront



# Waterfront Project Zone | Area 4: Pier 16 & 17

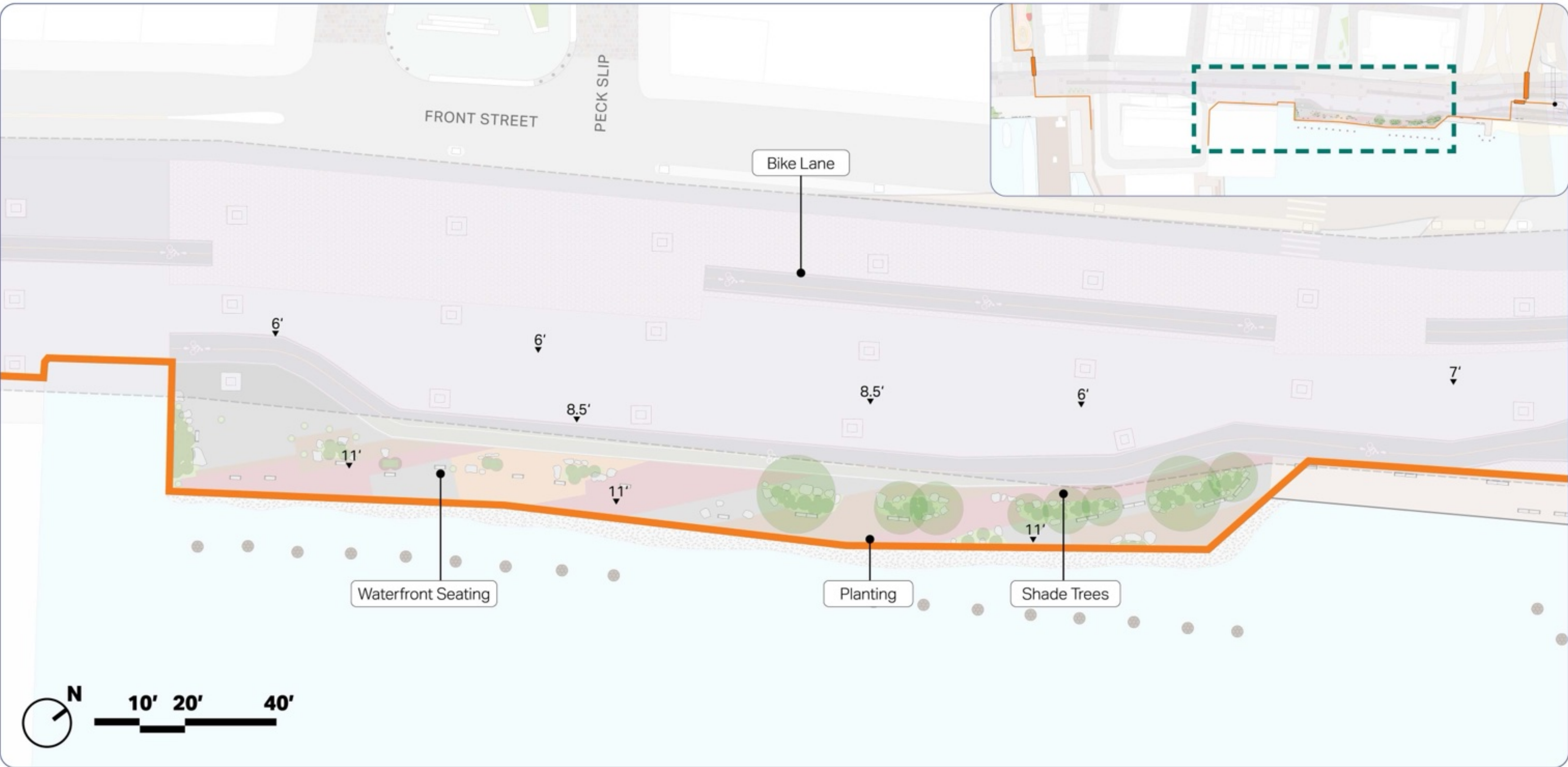


Across South Street, the flood alignment moves along Pier 16 to connect to Pier 17's existing stepped seating features. With north-south connectivity maintained, this area can feature stepped seating that faces the docked Ambrose, highlighting South Street Seaport's maritime history.

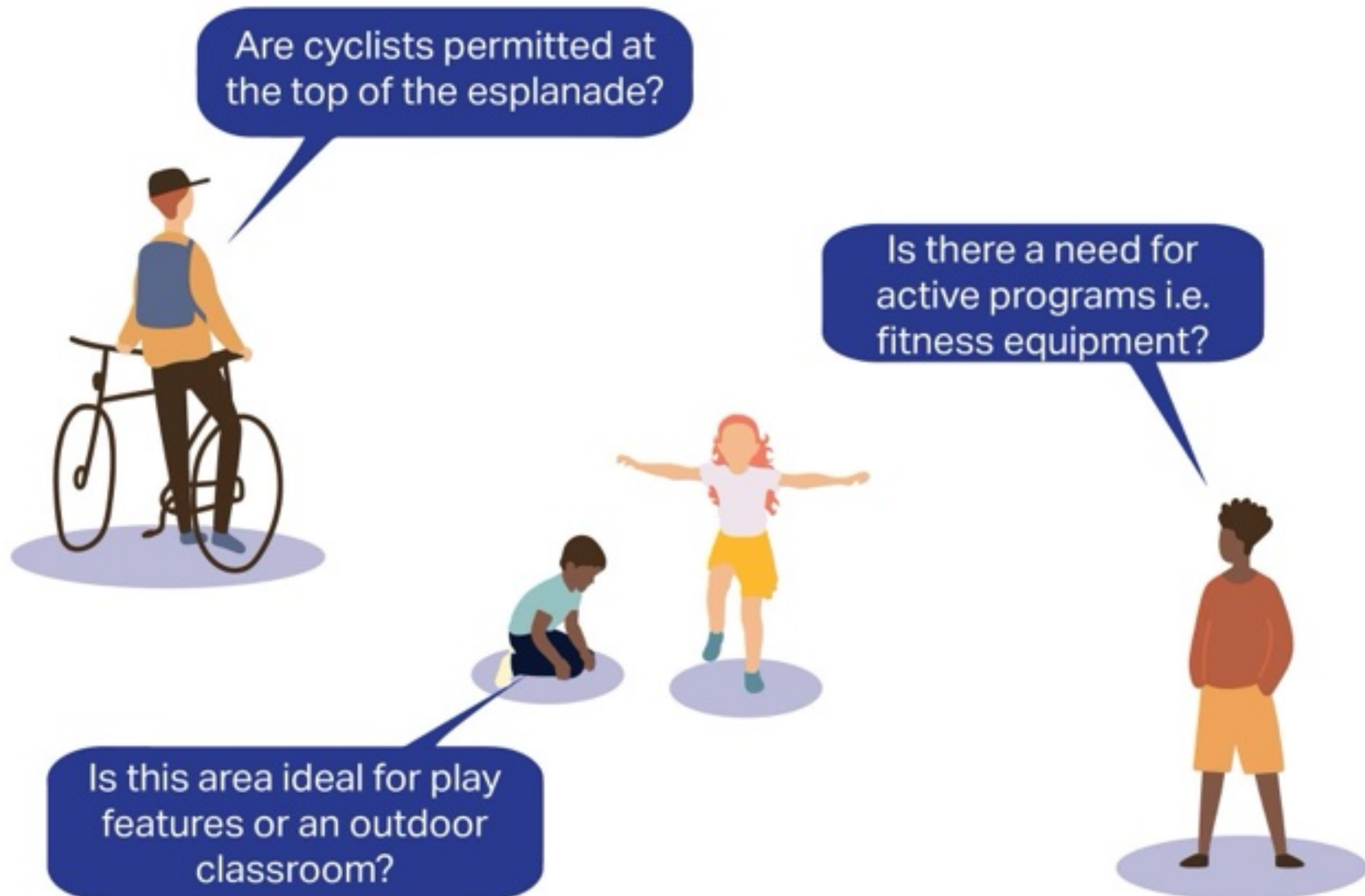




# Waterfront Project Zone | Area 5: Jerry Driscoll Waterfront



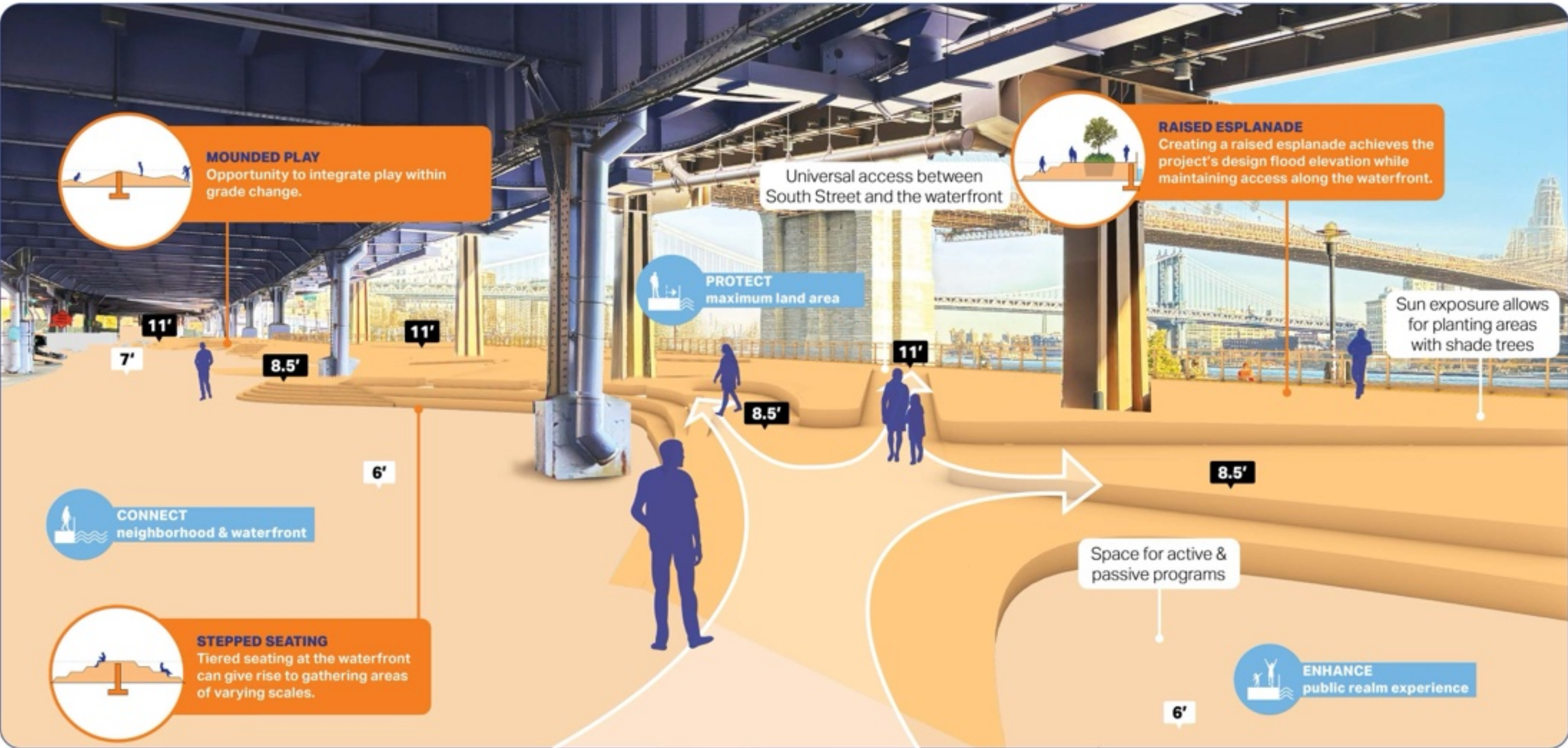
At Jerry Driscoll Waterfront, locating the flood alignment along the existing platform edge maximizes the amount of protected waterfront space. This creates the opportunity for a wide variety of programmatic features such as spaces for play, gathering, seating, plantings and more.



## Lower Level

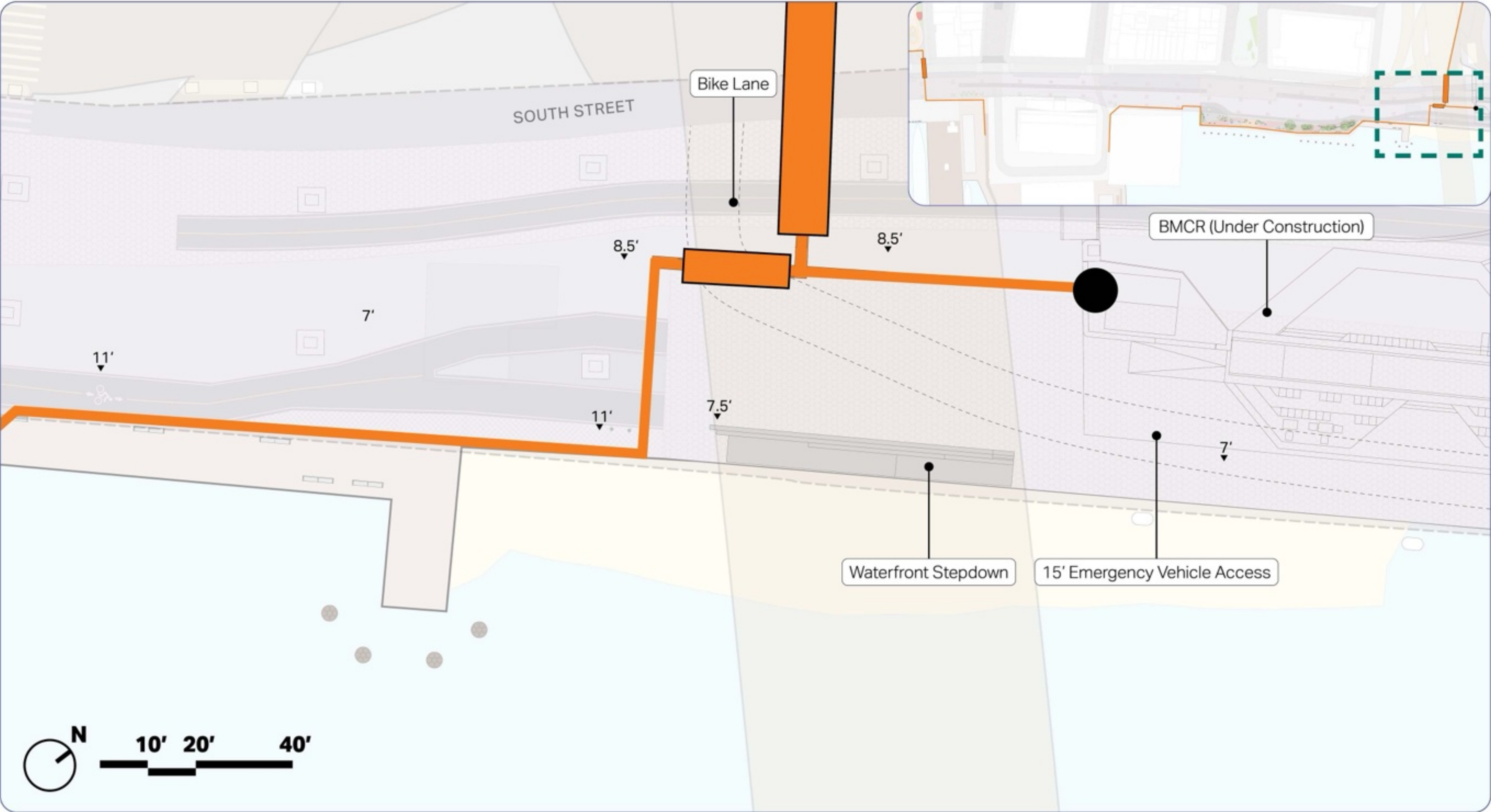


## Upper Level

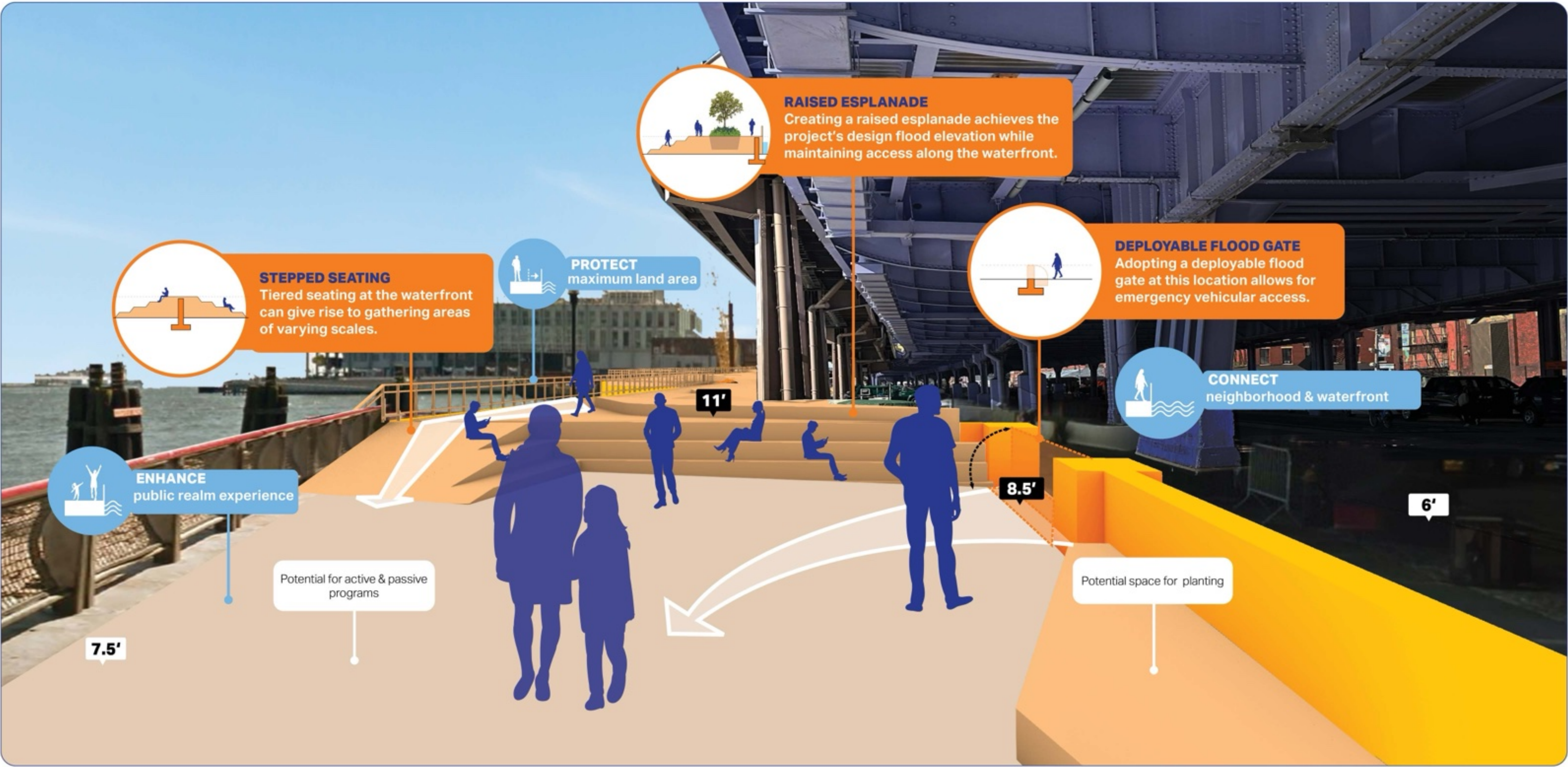




# Waterfront Project Zone | Area 6: BMCR Tie-in

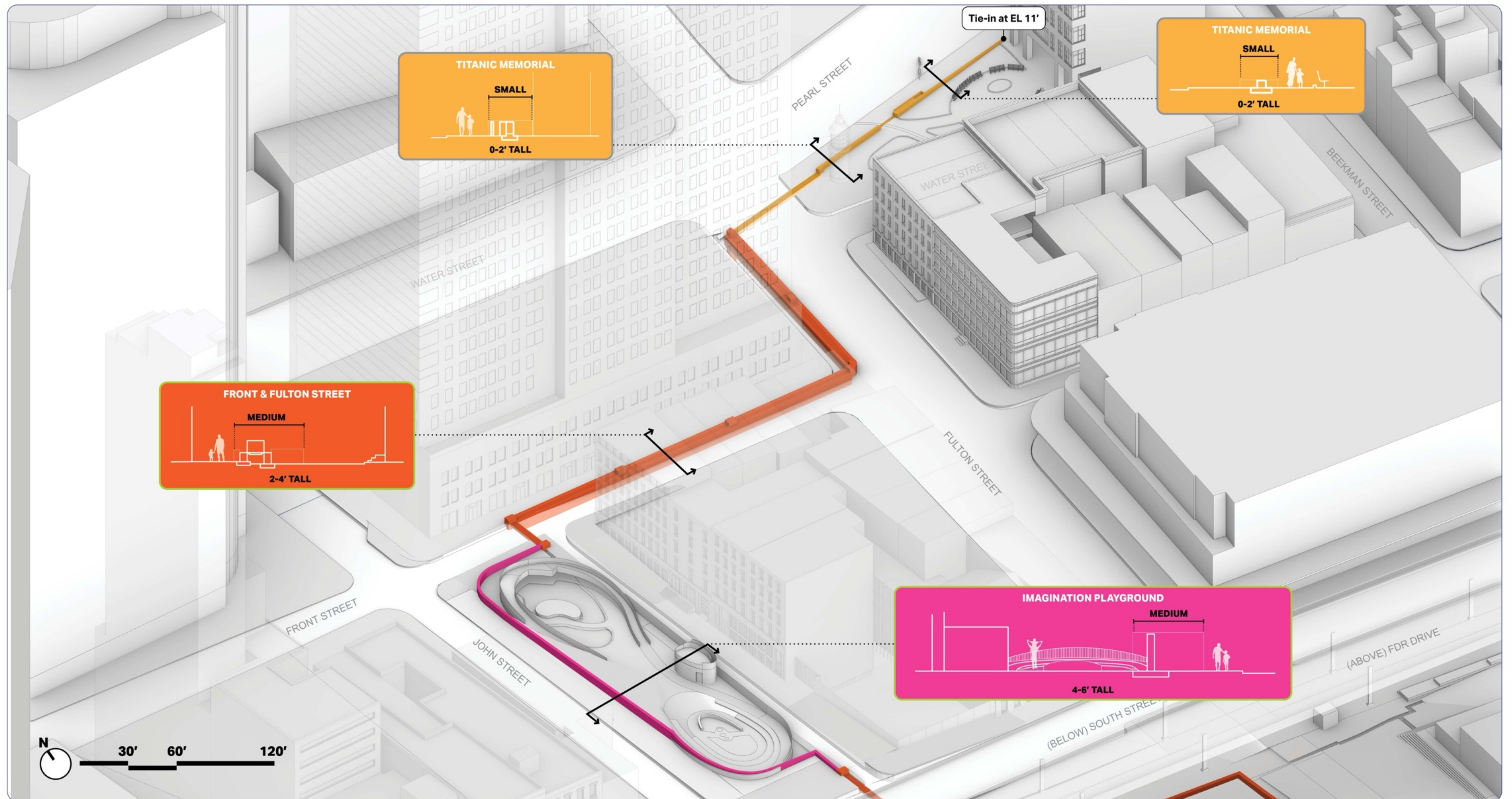


The flood alignment proceeds along the waterfront, connecting to Brooklyn Bridge-Montgomery Coastal Resilience (BMCR) as one of the two waterfront zone tie-ins. This area includes the existing waterfront get-down and can provide additional stepped seating with shade plantings to create moments for gathering and waterfront outlooks.





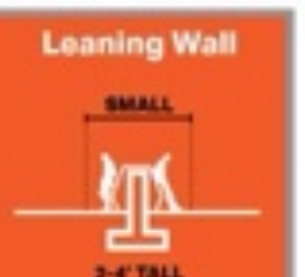
# What would you like to see along the Inland Zone?



The existing conditions of each area of the Inland Zone is shown as a section. To play:

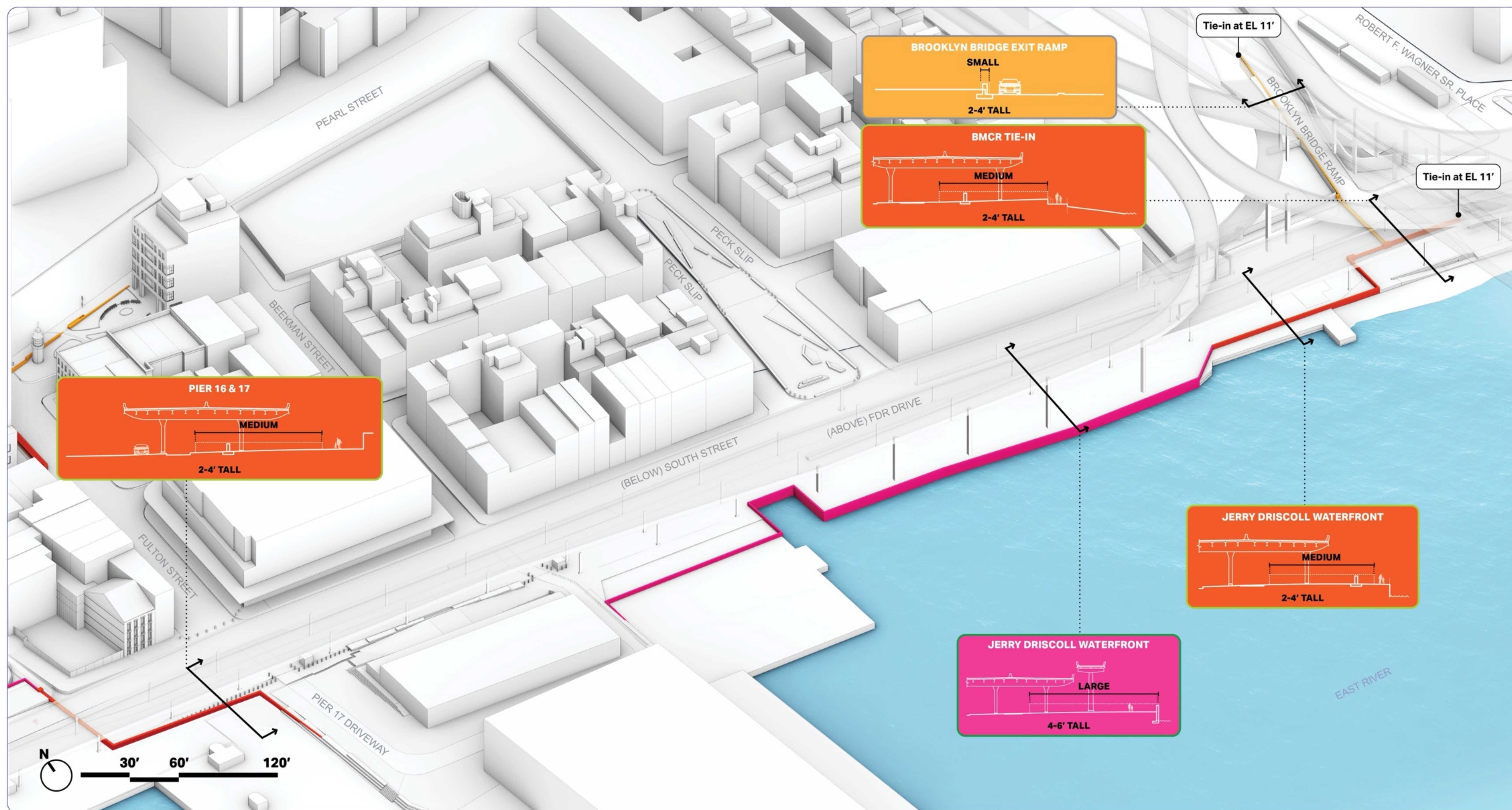
1. Choose any card that matches that area's height of intervention
2. Make sure that your card matches that area's width constraints
3. Attach the card along the flood alignment above to inform the placemaking of that area
4. If you have any other ideas, use a blank card to draw it in

## Placemaking Design Toolkit Key

HEIGHT OF INTERVENTION	MAXIMUM WIDTH												Write-In Response
	Small				Medium				Large				
	0-2'				2-4'				4-6'				
	SMALL				MEDIUM				LARGE				
4-6'													
2-4'													
0-2'													



# What would you like to see along the Waterfront Zone?



The existing conditions of each area of the Waterfront Zone is shown as a section. To play:

1. Choose any card that matches that area's height of intervention
2. Make sure that your card matches that area's width constraints
3. Attach the card along the flood alignment above to inform the placemaking of that area
4. If you have any other ideas, use a blank card to draw it in

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# How to Comment



## Comment Form

Fill out a comment form at tonight's meeting and leave it in the comment box



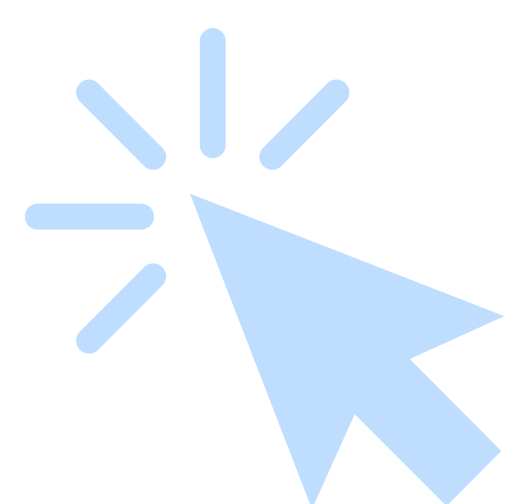
## Web Contact Form

[bit.ly/ContactSPCR](https://bit.ly/ContactSPCR)



## Email

[SPCR@fhstudio.com](mailto:SPCR@fhstudio.com)



## Visit the Project Website

[www.nyc.gov/site/lmcr/progress/seaport-coastal-resilience-project.page](https://www.nyc.gov/site/lmcr/progress/seaport-coastal-resilience-project.page)

*or scan QR code*



**Please provide comments by Friday, January 3, 2025.**