

Meeting Agenda

Introduction	NJDEP
Alternatives 1, 2, & 3	Dewberry
Urban Design · · · · · · · · · · · · · · · · · · ·	···· OMA
Breakout	·····AII
Summary	· · · · · · · · All



Alternatives

ALTERNATIVE 1

Resist alignment which provides highest level of storm surge risk reduction benefits with waterfront structures.

CHARACTERISTICS:

- Provides greatest level of coastal flood risk reduction benefits
- Potentially least amount of transportation network (roadway and parking) disruption
- Highest cost and complexity to construct compared to the other alternatives
- Most impact on existing waterfront views/access

Legend:

Resist

Gate - Sliding

Gate - Swinging

Deployable

Landscape

Berm

Raised Path

Flood Barrier

Elevated Walkway

Delay, Store, & Discharge

Stormwater Tank

Stormwater Tank Bump-out

Multipurpose Stormwater Facilities

A Pumps

····· Existing Structure

- Municipal Boundaries

--- Study Area

Preliminary FEMA 100 Year Flood Plain

* Approximate Structure Height to meet FEMA Certification and 2075







ALTERNATIVE 2

Resist alignment which provides storm surge risk reduction benefits using public right-of-way.

CHARACTERISTICS:

- Does not impact waterfront views or existing waterfront access
- Less costly to construct compared to Alternative 1
- May require reduction in space along Washington Street for structure footprint
- May have impact on roadway/ traffic flow on 15th Street

Legend:

Resist

Gate - Sliding

Gate - Swinging

Deployable

Landscape

Berm

Raised Path

Flood Barrier
Elevated Walkway

Delay, Store, & Discharge

- Stormwater Tank

Stormwater Tank Bump-out

Multipurpose Stormwater Facilities

A Pumps

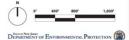
····· Existing Structure

- Municipal Boundaries

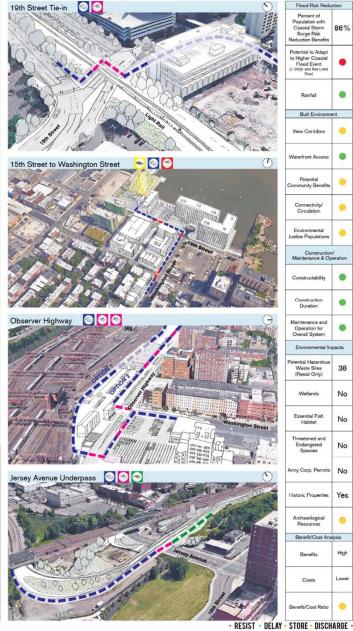
Study Area

Preliminary FEMA 100 Year Flood Plain

* Approximate Structure Height to meet FEMA Certification and 2075







ALTERNATIVE 3

Resist alignment which provides storm surge risk reduction benefits using alleyway easement.

CHARACTERISTICS:

- · Does not impact waterfront
- views or existing waterfront access · Less costly to construct and
- maintain compared to Alternative 1
- · Reduced traffic and circulation impacts compared to Alternative 2 by using alleyway for portion of alignment
- May enhance the urban design and existing use of public space within the alleyway
- May require reduction in space along Washington Street for structure footprint

Legend:

Resist

Gate - Sliding

Gate - Swinging

Deployable

Landscape

Berm

Raised Path

Flood Barrier

Elevated Walkway

Delay, Store, & Discharge

- Stormwater Tank

Stormwater Tank Bump-out

Multipurpose Stormwater Facilities

A Pumps

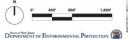
····· Existing Structure

- Municipal Boundaries

Study Area

Preliminary FEMA Preliminary PLIVID

* Approximate Structure Height to meet FEMA Certification and 2075







DELAY STORE DISCHARGE

OVERALL STRATEGY

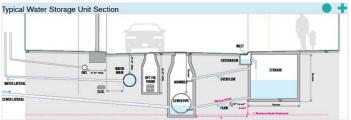
- Design proposal aims to maximize the potential to capture, store, infiltrate, evaporate, and release stormwater.
- · Goal is to achieve community co-benefits while improving management of stormwater that could reduce rainfall flooding.
- · Besides BASF site, all stormwater management strategies are entirely on publicly-owned land.
- · Proposal uses both "green" and "grey" stormwater management strategies.
- · The team considered physical, environmental and infrastructure constraints in locating and designing specific interventions.

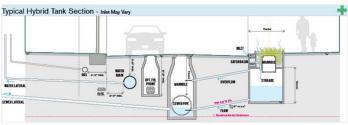
Legend:

- Delay + Store Parks
- Water Storage Sites
- Catchment Area
- New Outfall Pipe
- New Storm Sewer Pipe
- Hybrid Tank
- Tank
- Tank Bumpout
- Existing Flooding "Hotspot"
- Municipal Boundaries
- - Study Area
- --- Ferry Lines



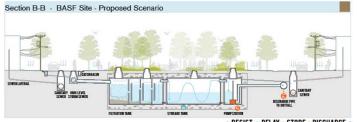












<u>Urban Design</u>

Study Area

3 Cities

-Approximately 62,500 Residents

-1,020 Acres

-Commuter Node Hoboken Terminal

-County Utilities

North Hudson Sewage Authority (NHSA)

Public Service Enterprise Group (PSEG)



City-wide Interventions

Resist

- Alternative 1
- Alternative 2
- Alternative 3

Delay, Store, Discharge

- Large Sites
- Public Right of Way Sites



Urban Identity

Signage

Bikeshare

Data Gathering

Hoboken Cove Boat House

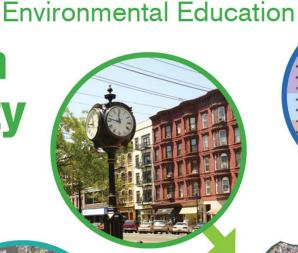
> Washington Street Redevelopment

Public Wifi

Existing

Initiatives

Maintenance

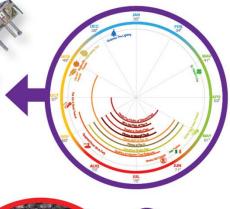




Height

Shade

Festivals and Events



All-Weather Use

Seasonality

Sustainability

Materiality

Adaptability

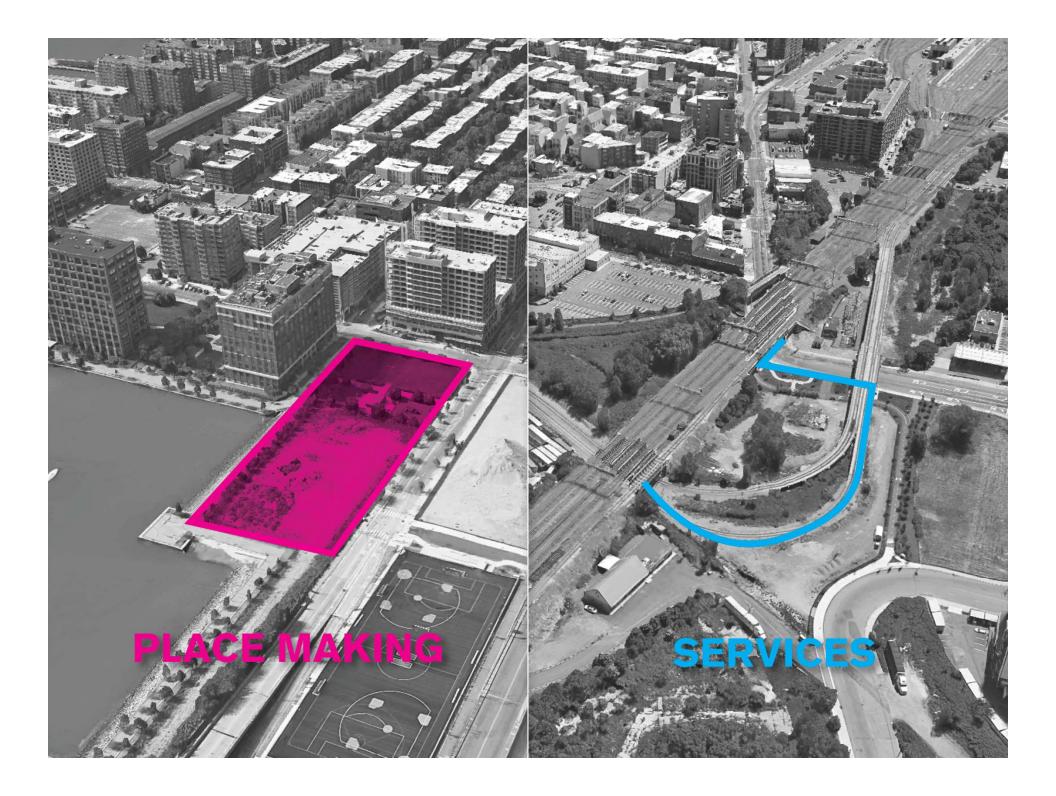
Weather Resistant

Dansage

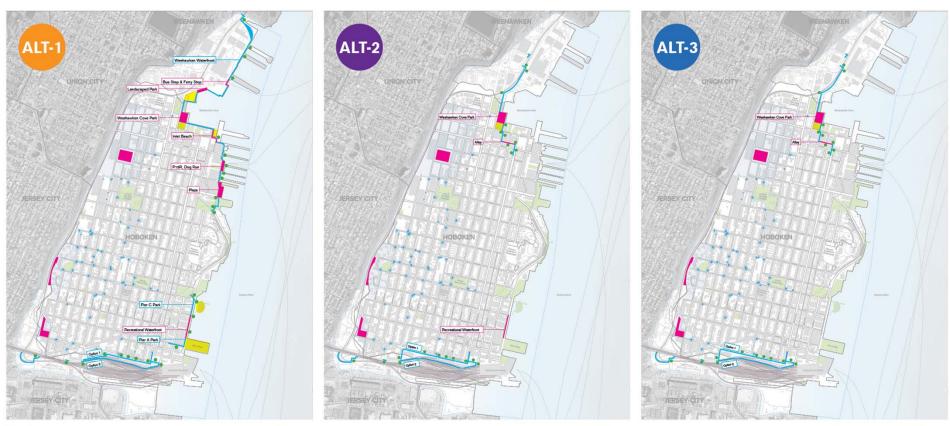


Dry vs. Wet





Alignment Activity

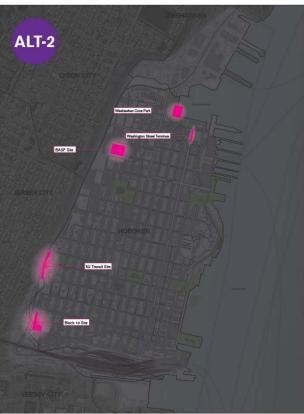


<u>Regions</u>

- Activation Design Public spaces, with greatest opportunity for designing community amenities, programming, and place making.
- Passive Design Publicly visible spaces, facade treatments and minimally designed structures to provide resist and communal services.
 - Programming Design Programming spaces to facilitate community amenities independent of structure.
- Gate Location along alignment
- Large Delay Store Discharge Sites

Places

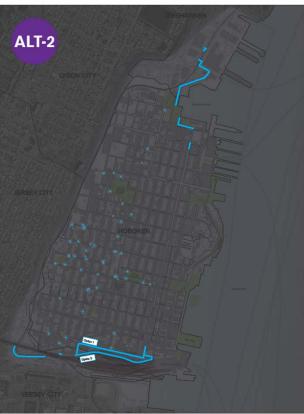


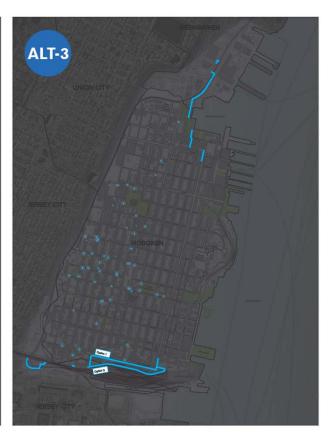




Services

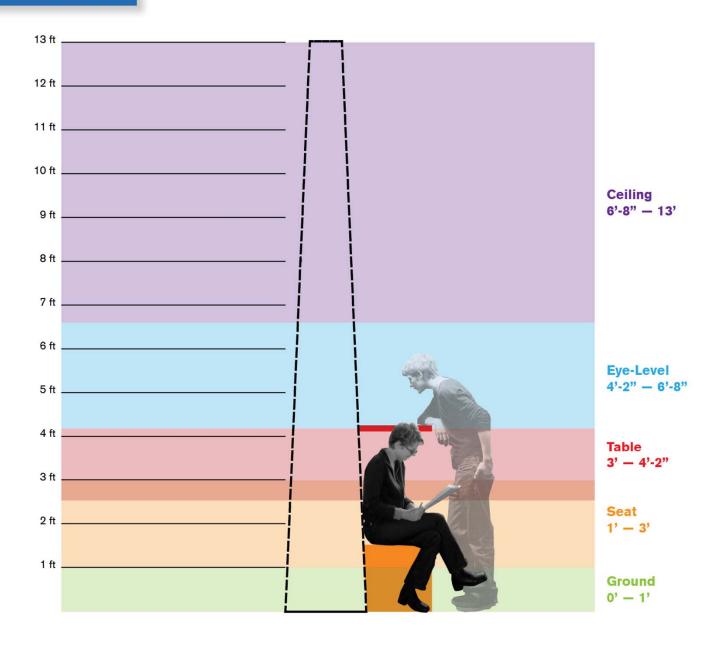






Design Guidelines

Design Heights



Design Heights



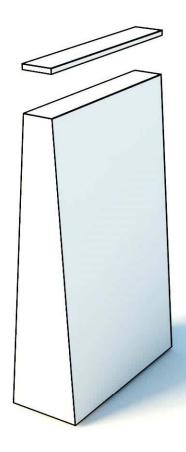


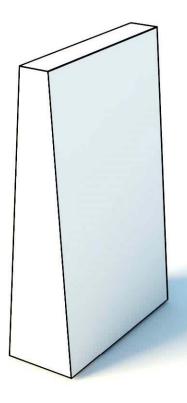


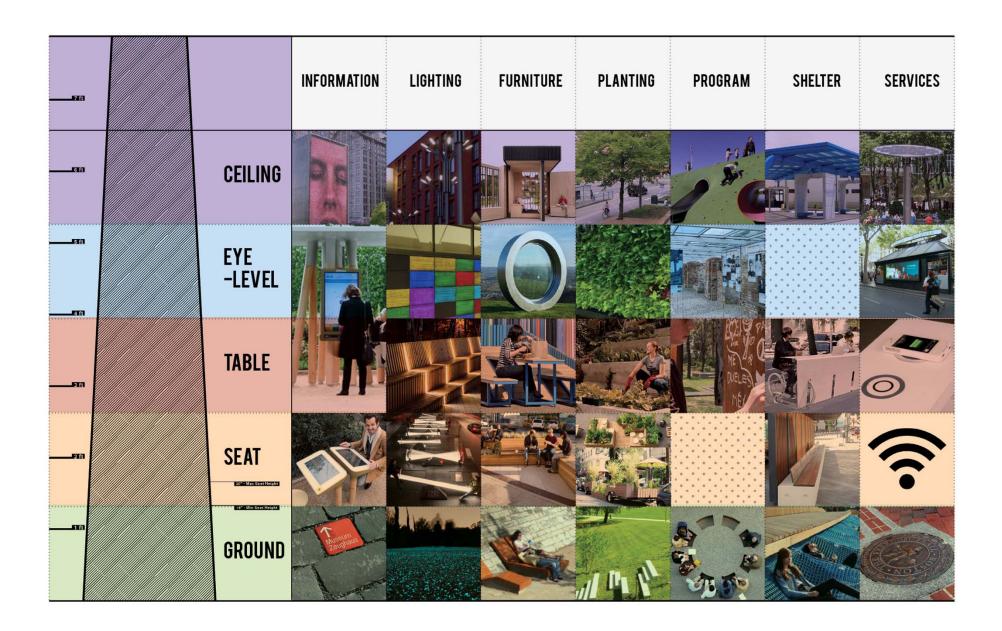
<u>Heights</u>

- Ceiling (6'-8" 13')
- Eye-Level (4'-2" —6'-8")
- Table (3' 4'-2")
- Seat (1' 3')
- Ground (0' 1')

Addition / Subtraction

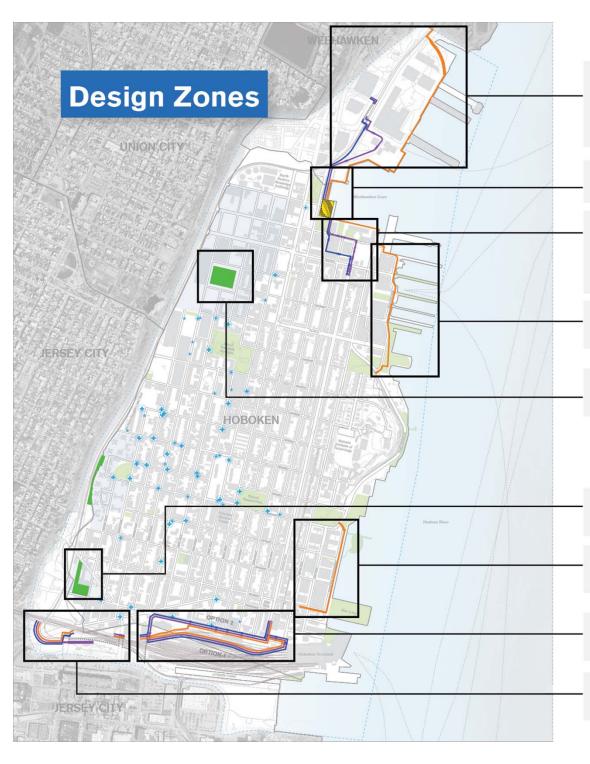








Design Zones



Zone 1 — Weehawken Tie In

Alternative 1 @ Waterfront to Lincoln Tunnel Alternative 2, 3 @ Inland to 19th Street

Zone 2 — Weehawken Cove

Alternative 1, 2, 3 @ Boathouse to Park Space

Zone 3 — Residential

Alternative 1 @ Waterfront along Tea Building Alternative 2 @ 15th St to Washington St. Alternative 3 @ Alleyway to Washington St.

Zone 4 — North Waterfront

Alternative 1 Only

BASF Site

DSD - Alternative 1, 2, 3

Block 10 Site

DSD - Alternative 1, 2, 3

Zone 5 — South Waterfront

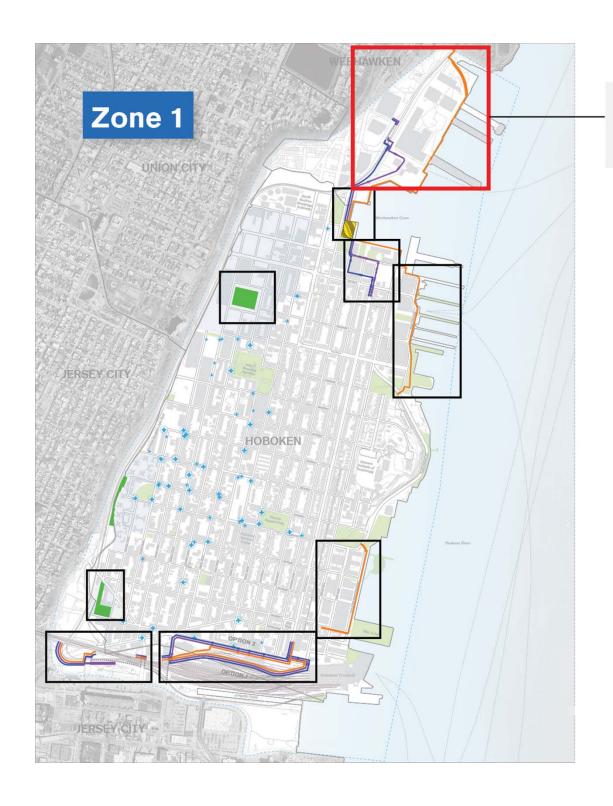
Alternative 1 Only

Zone 6 — Observer Highway

Alternative 1, 2, 3 @ Street or along rails

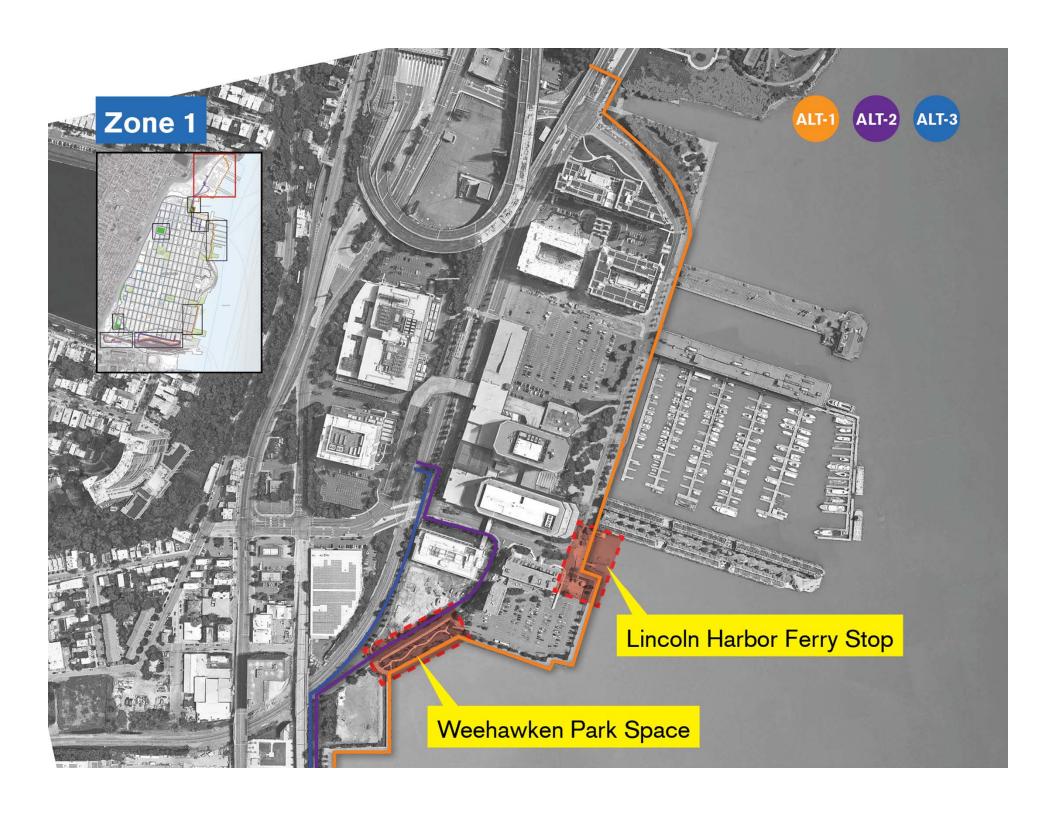
Zone 7 — Jersey Avenue Underpass

Alternative 1, 2, 3 @ Underpass



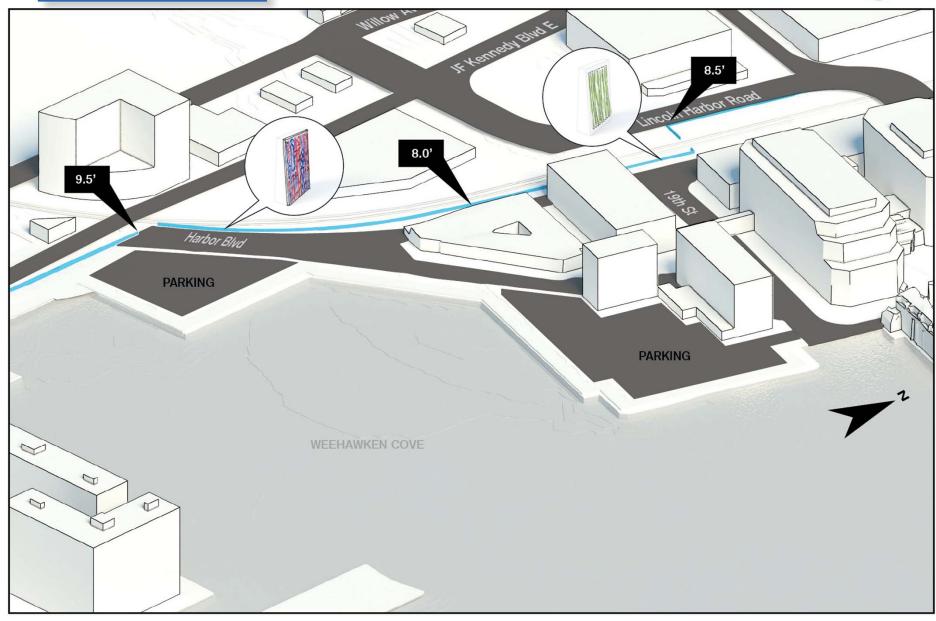
Zone 1 - Weehawken Tie In

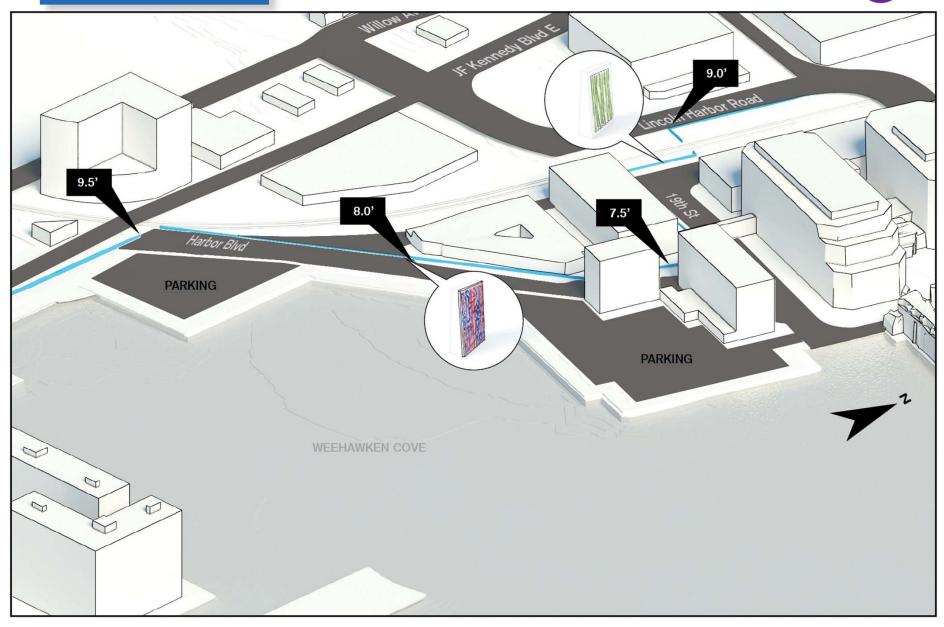
Alternative 1 @ Waterfront to Lincoln Tunnel Alternative 2, 3 @ Inland to 19th Street



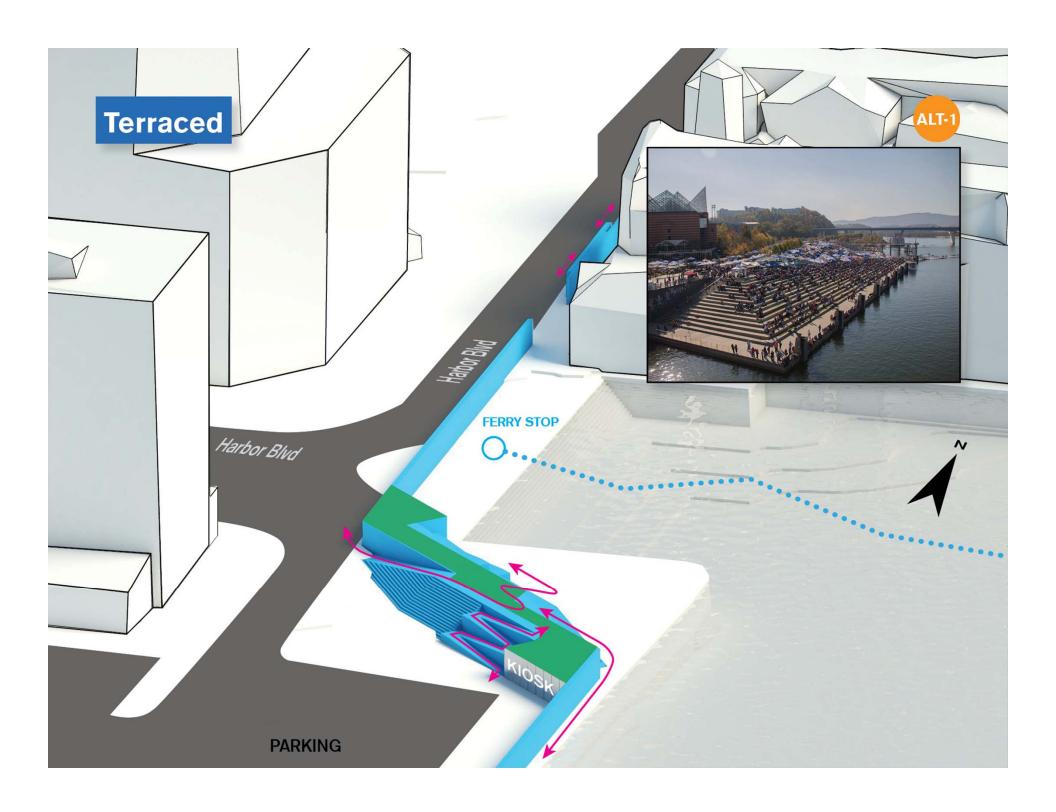
Alt. 3 Overview

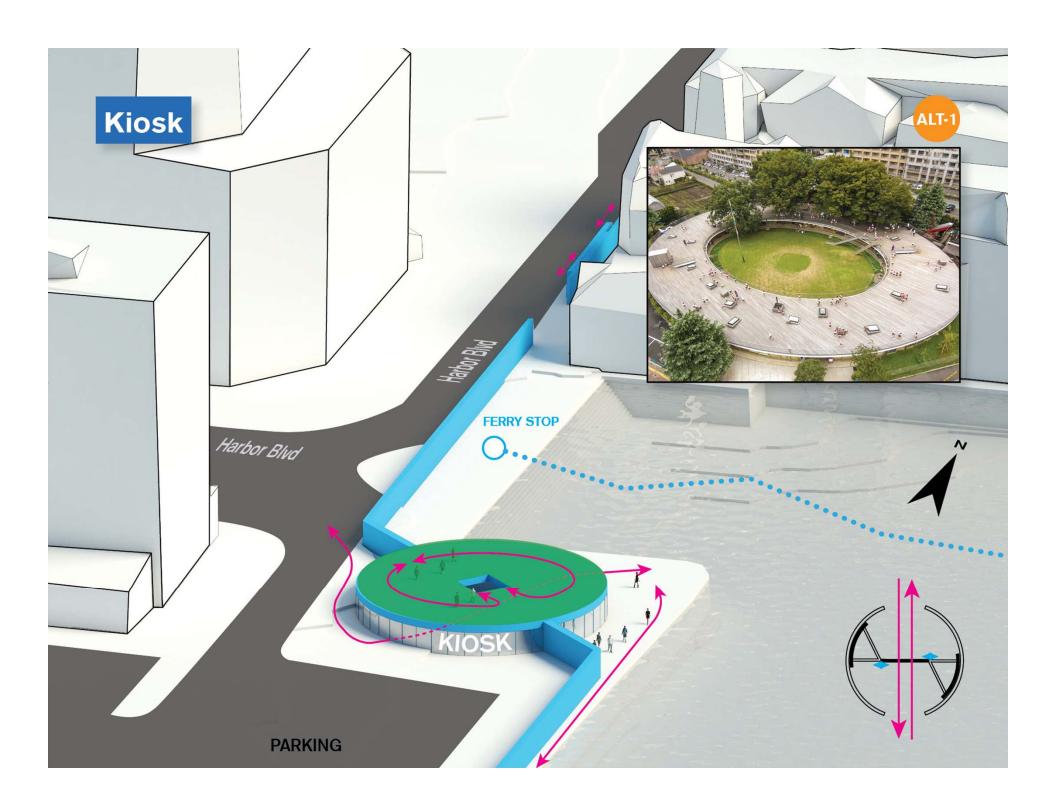






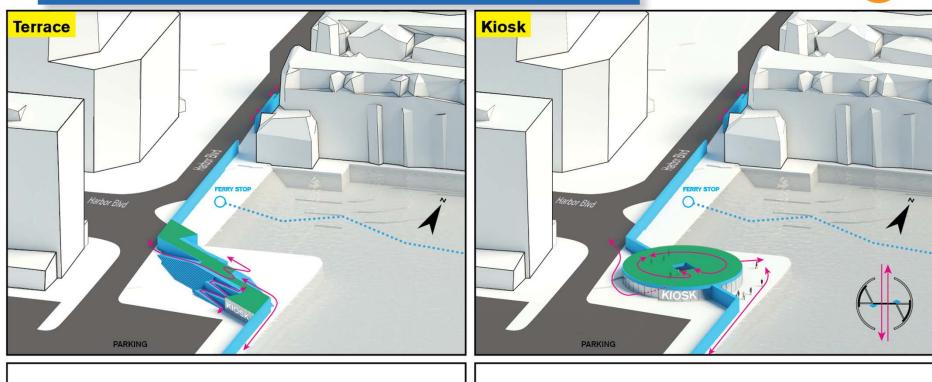


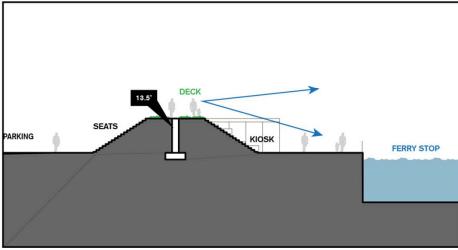


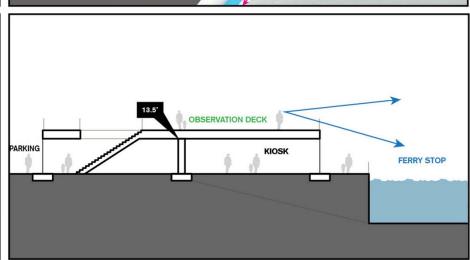


Alt. 1 - Lincoln Harbor Ferry Stop Overview



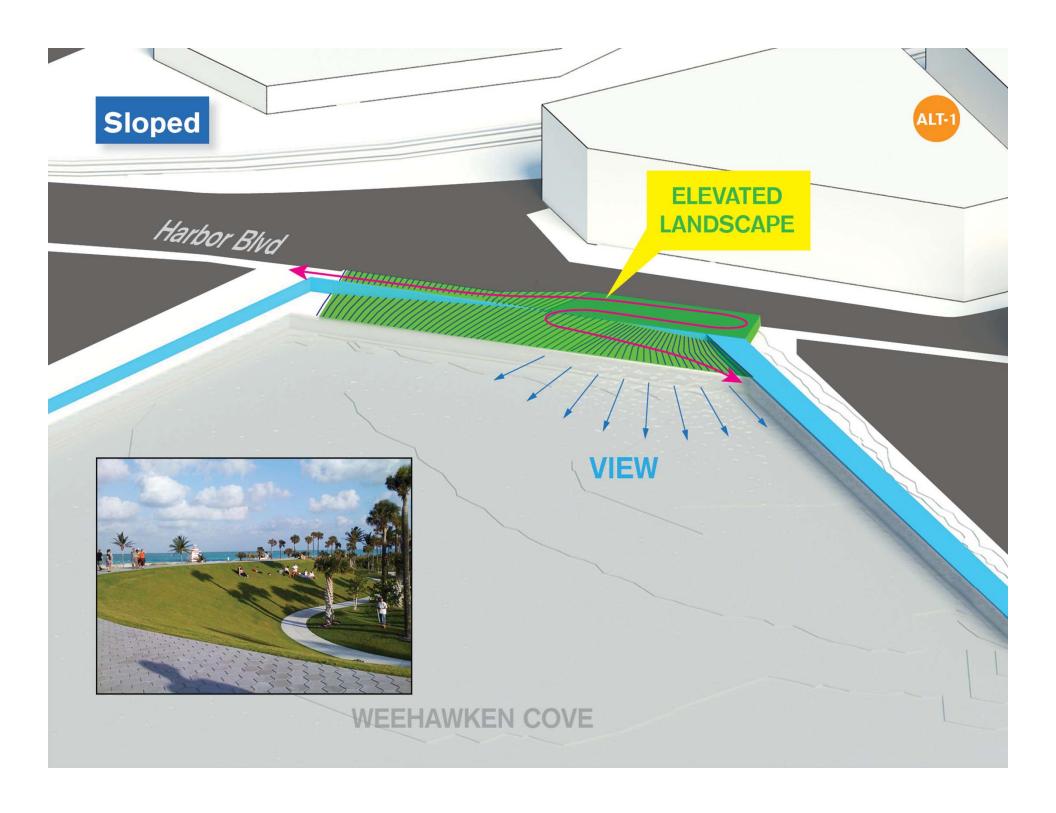










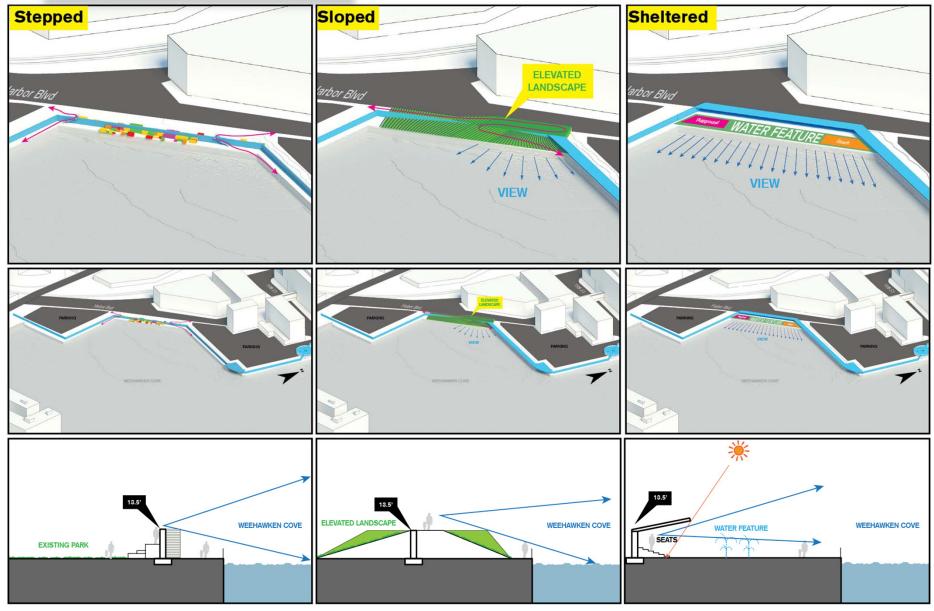


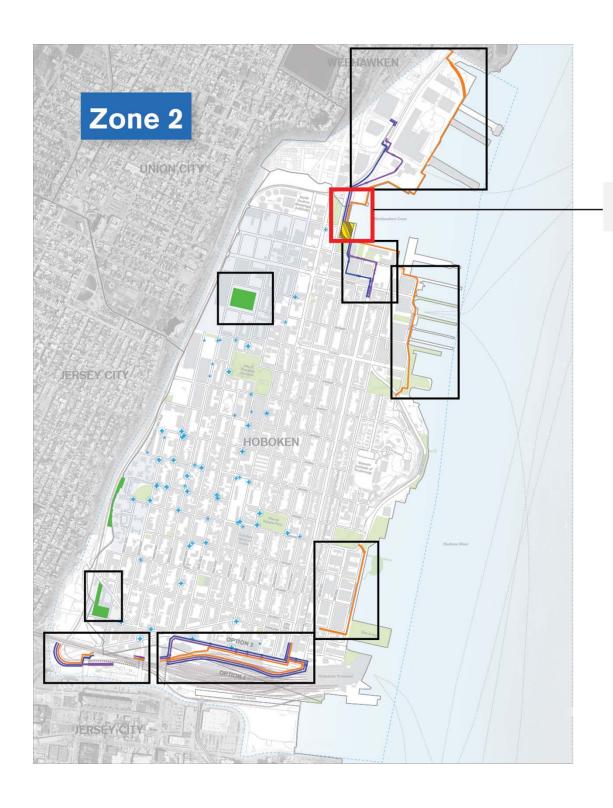




Alt. 1 - Park Overview





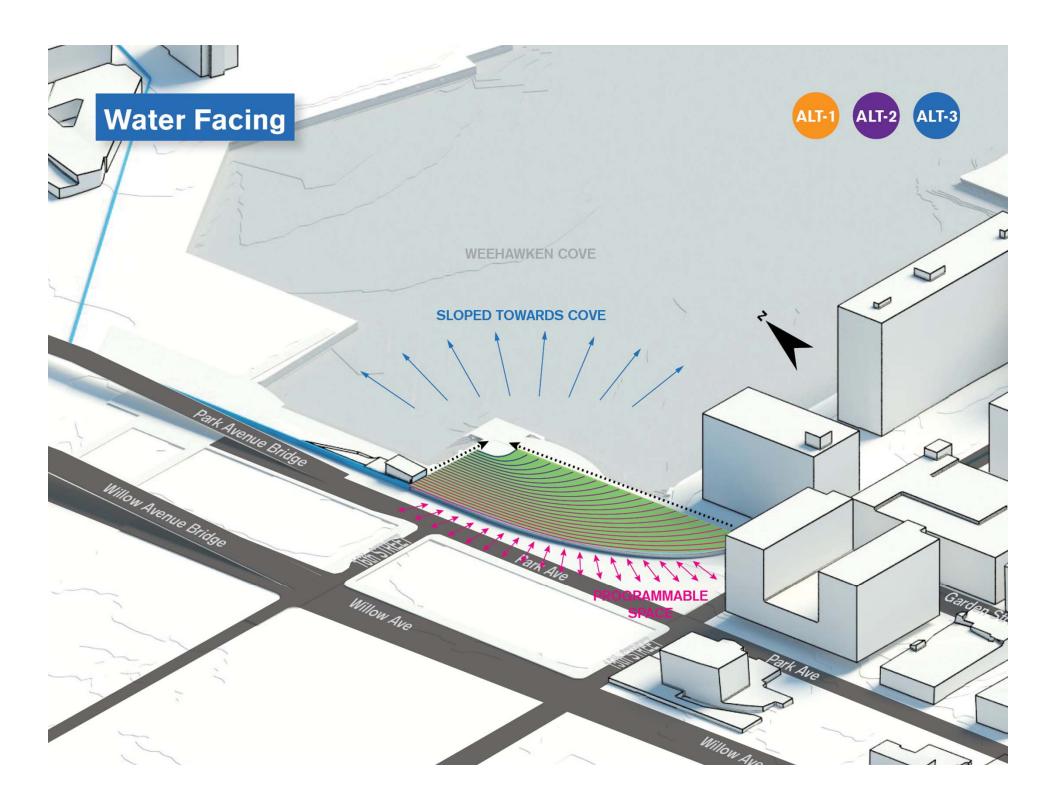


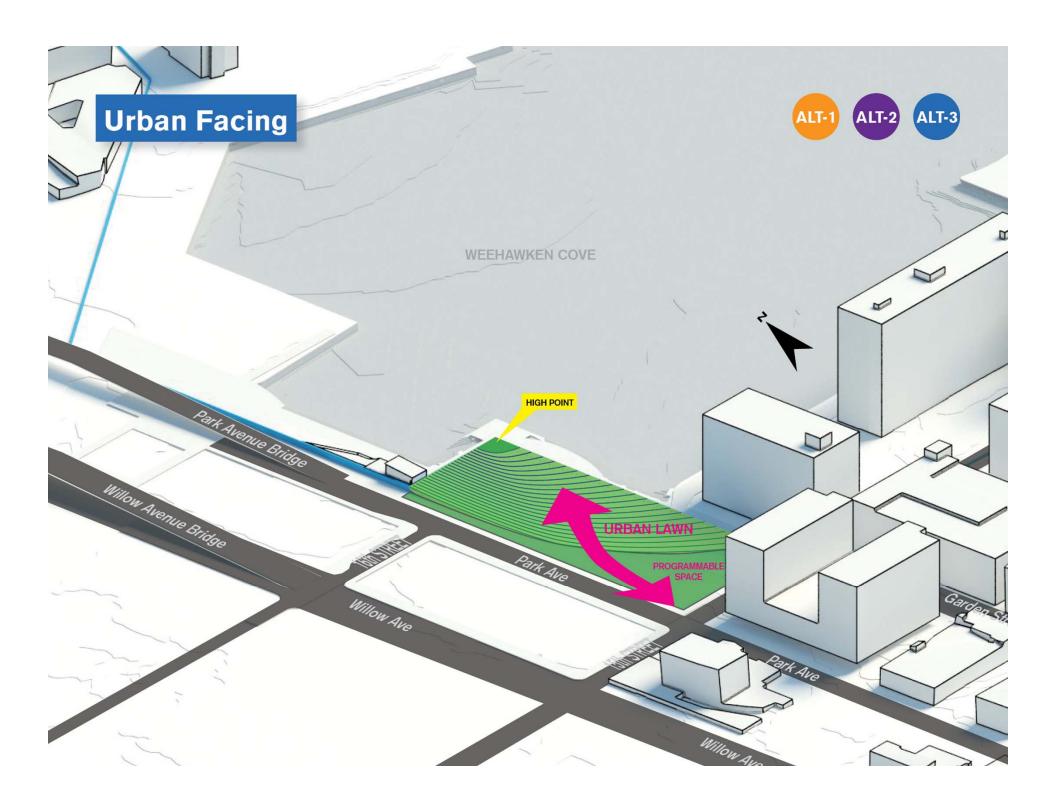
Zone 2 — Weehawken Cove

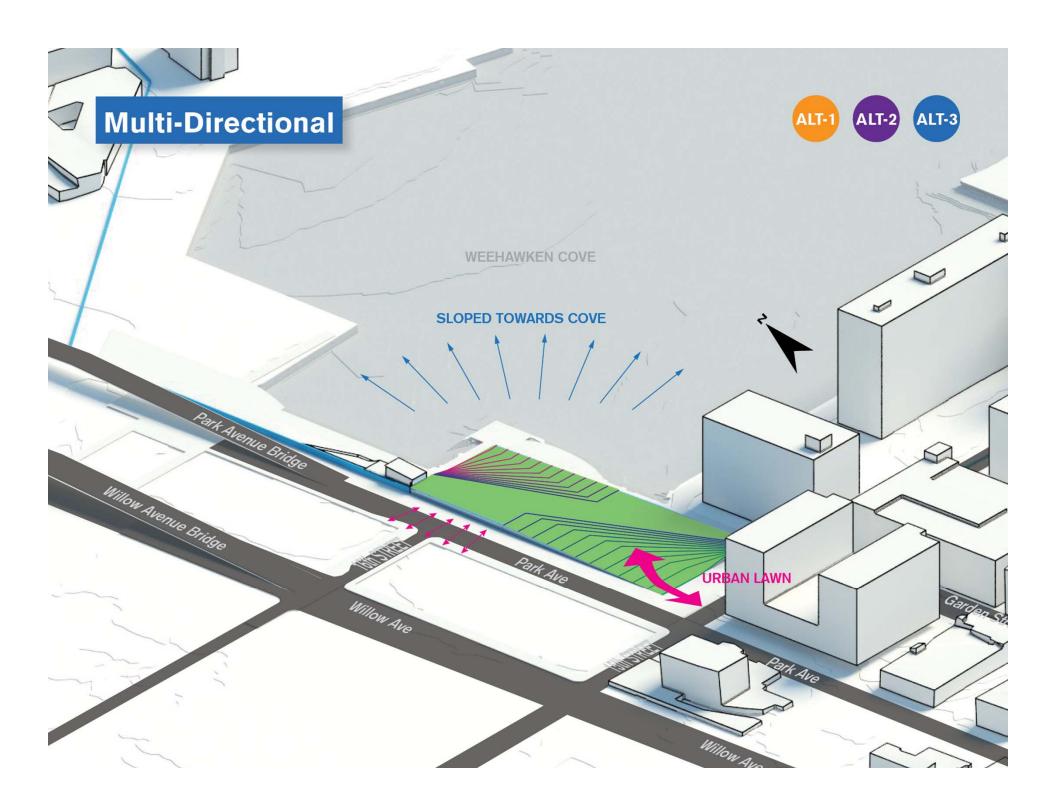
Alternative 1, 2, 3 @ Boathouse to Park Space





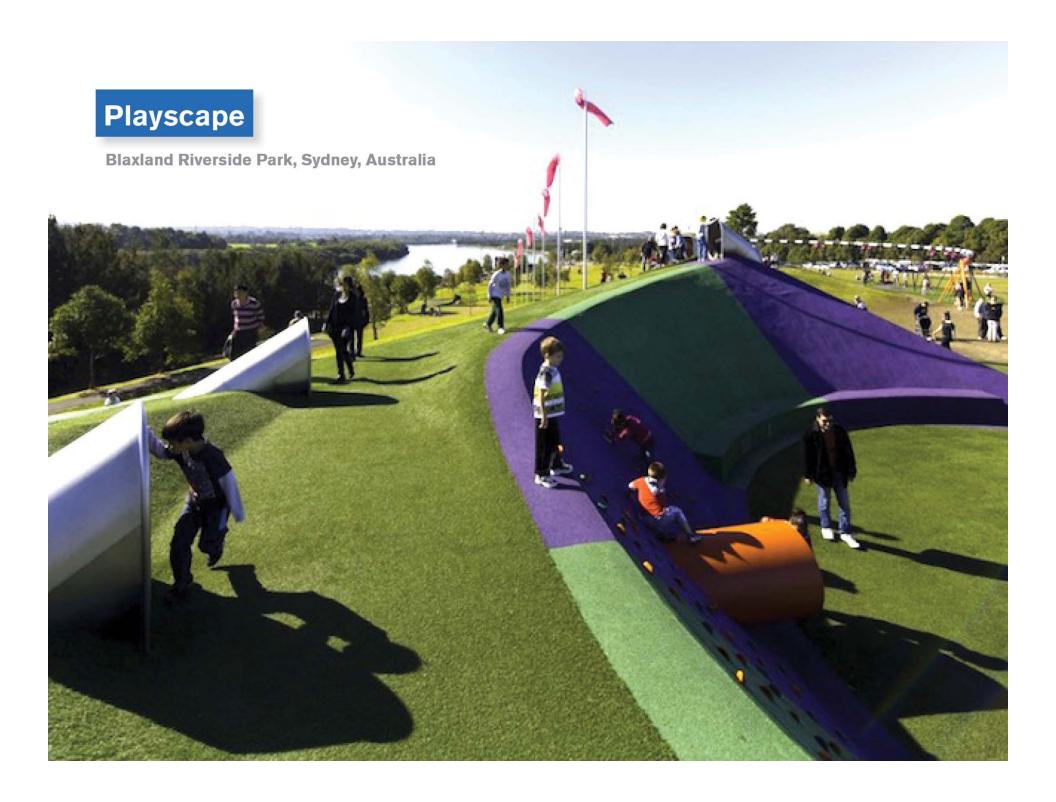










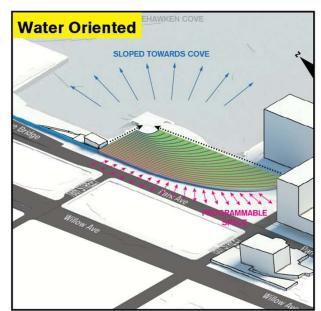


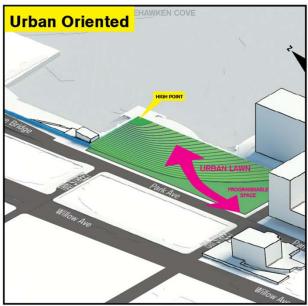
Harborside Park Overview

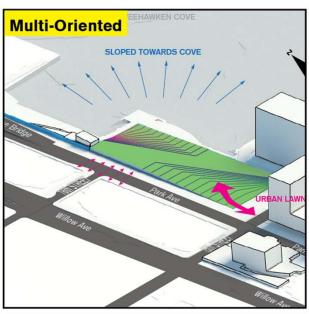


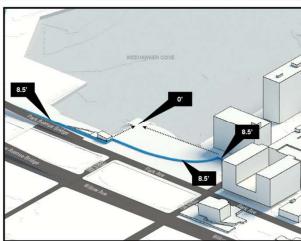


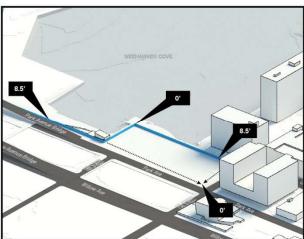


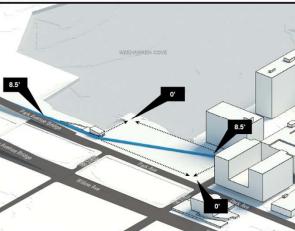


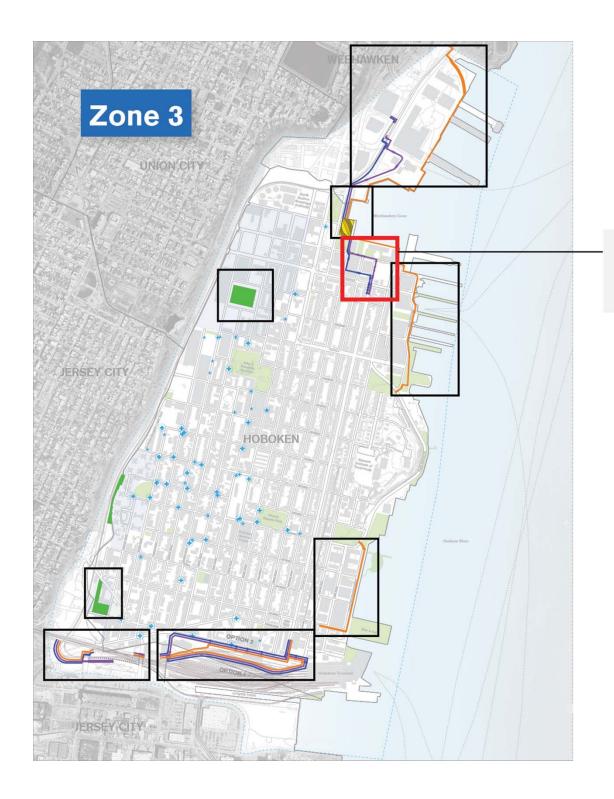






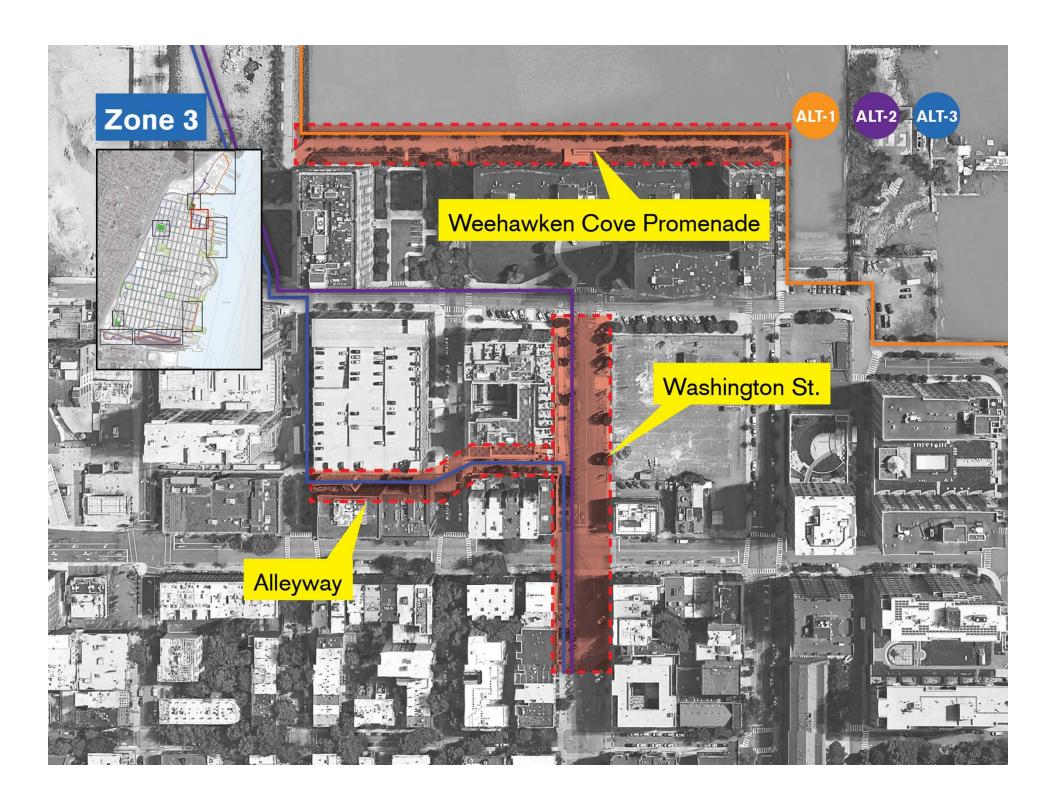


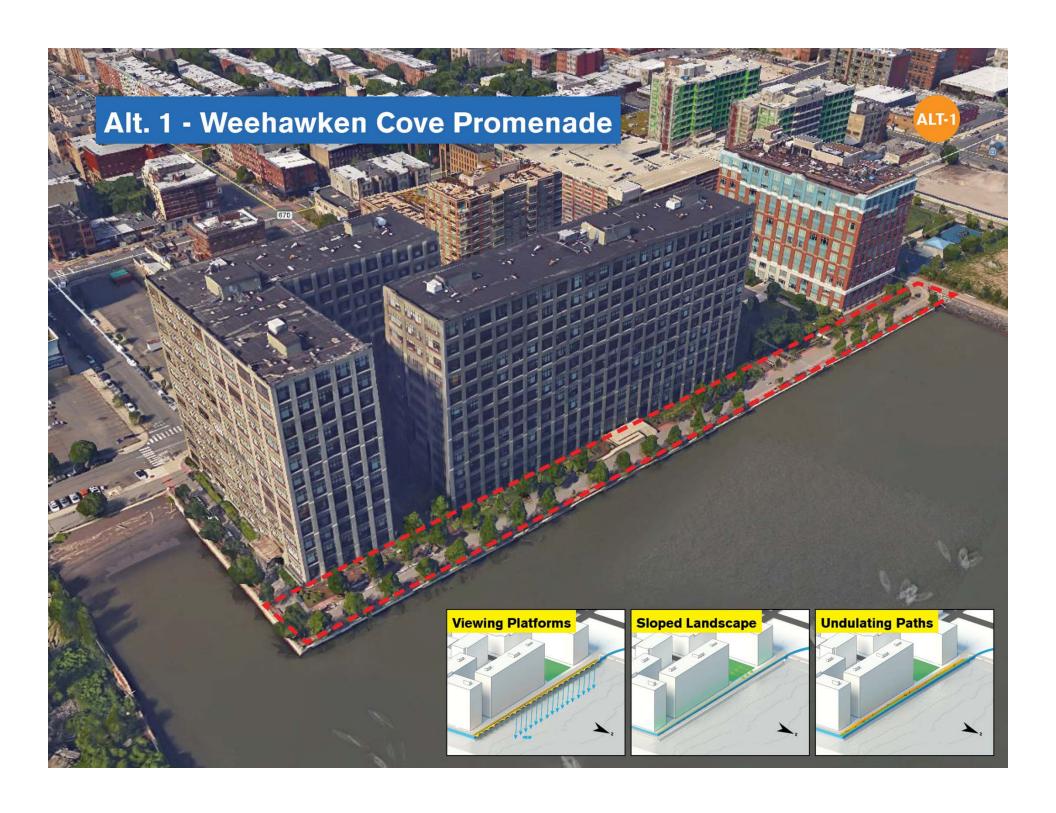


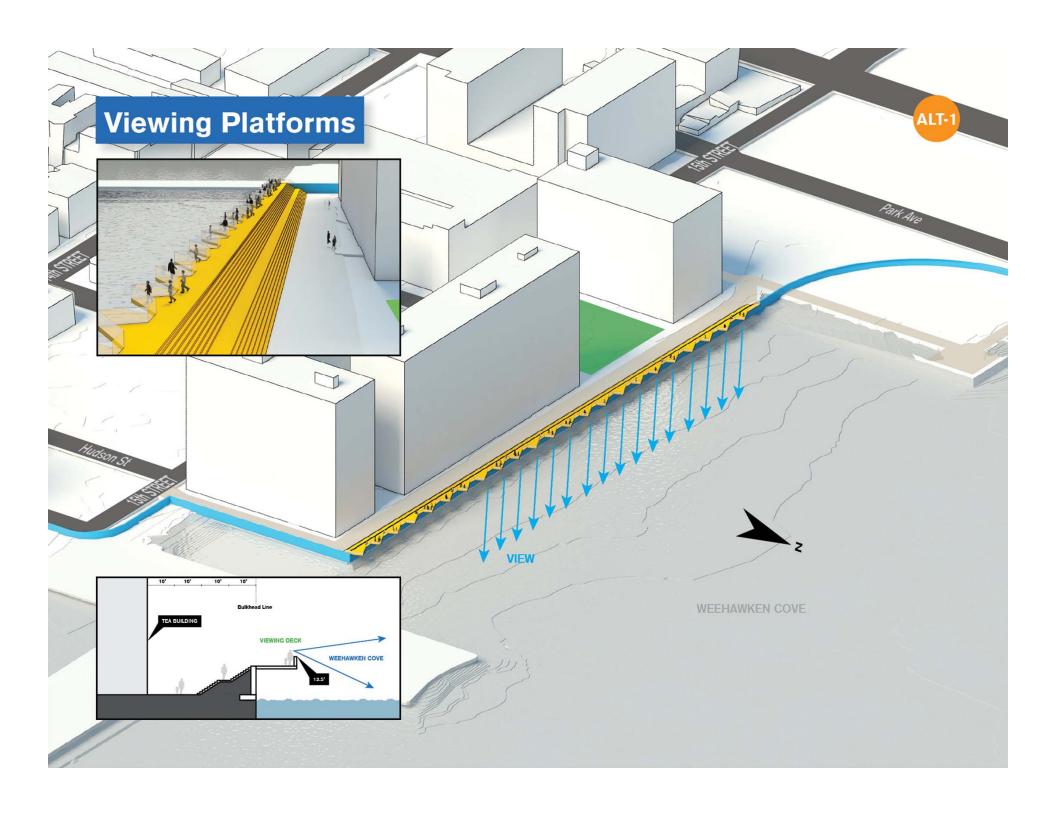


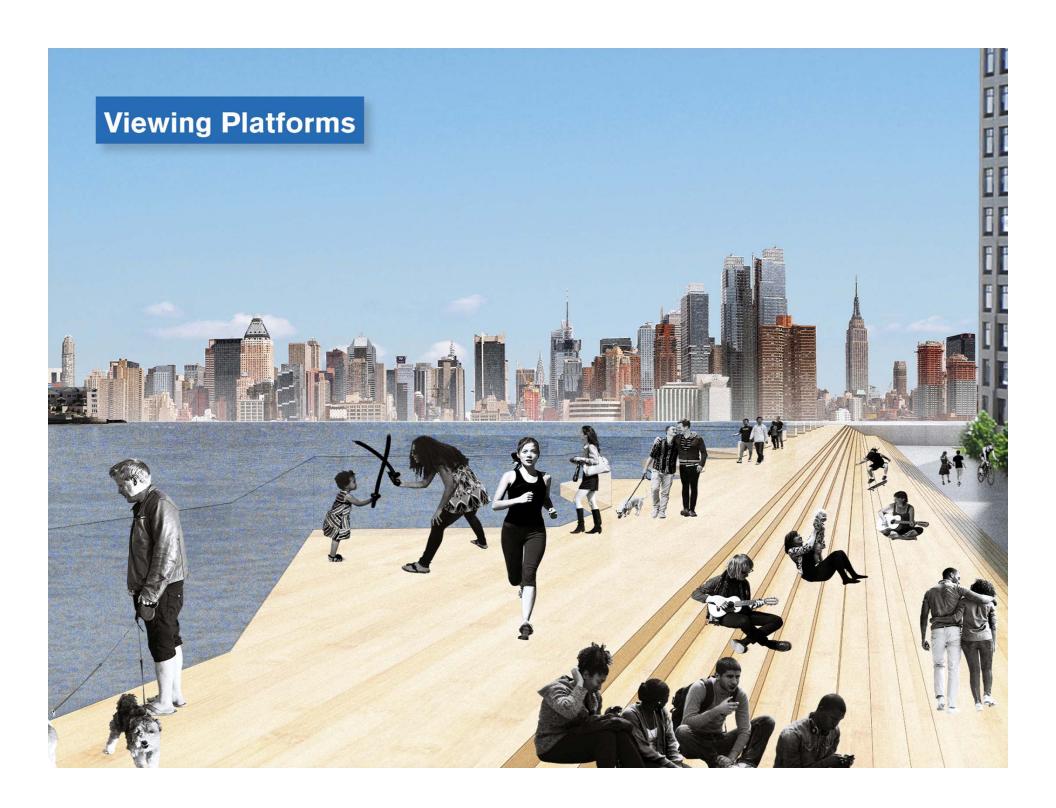
Zone 3 — Residential

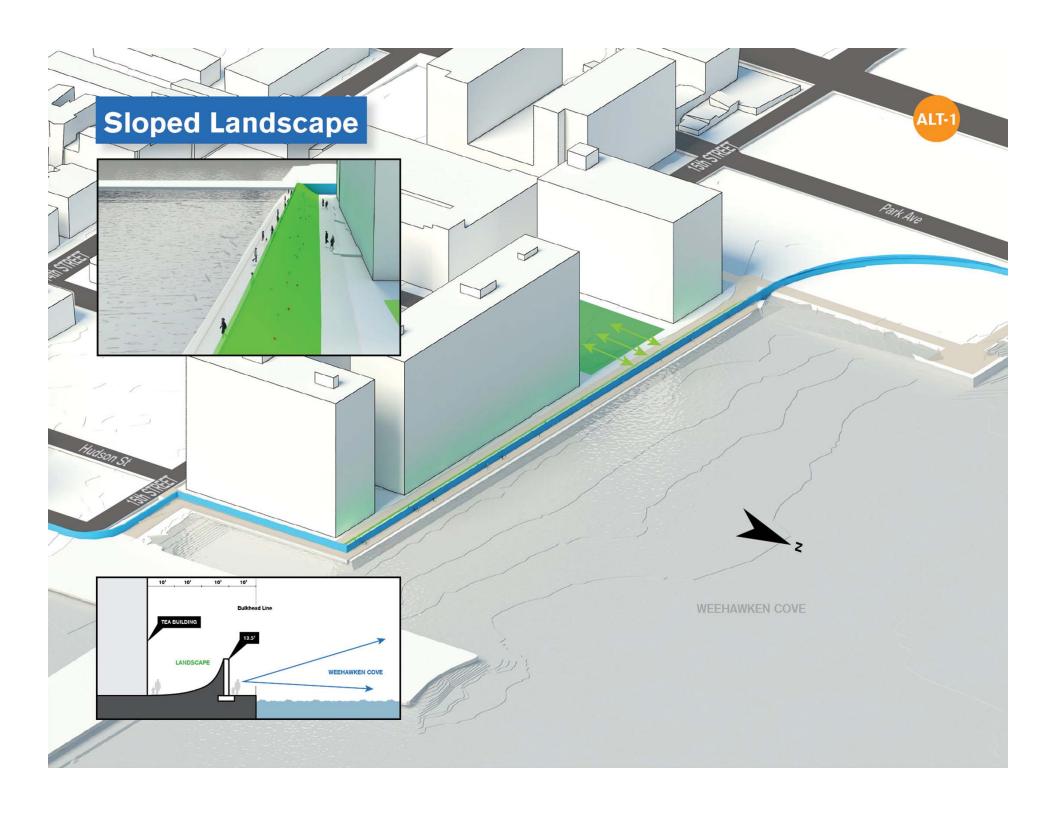
Alternative 1 @ Waterfront along Tea Building Alternative 2 @ 15th St to Washington St. Alternative 3 @ Alleyway to Washington St.



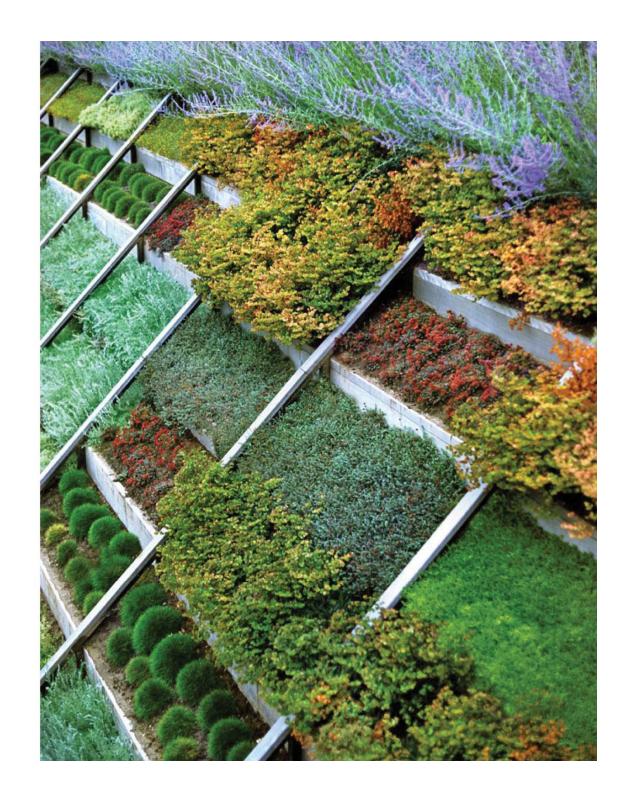


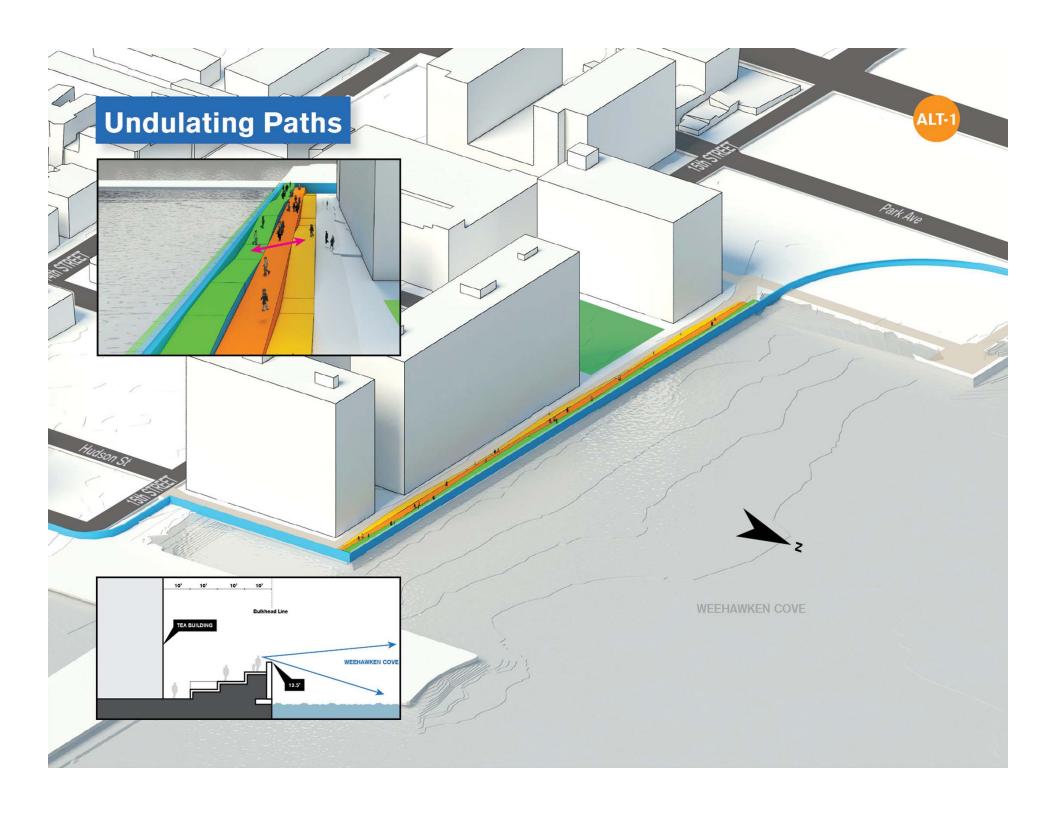


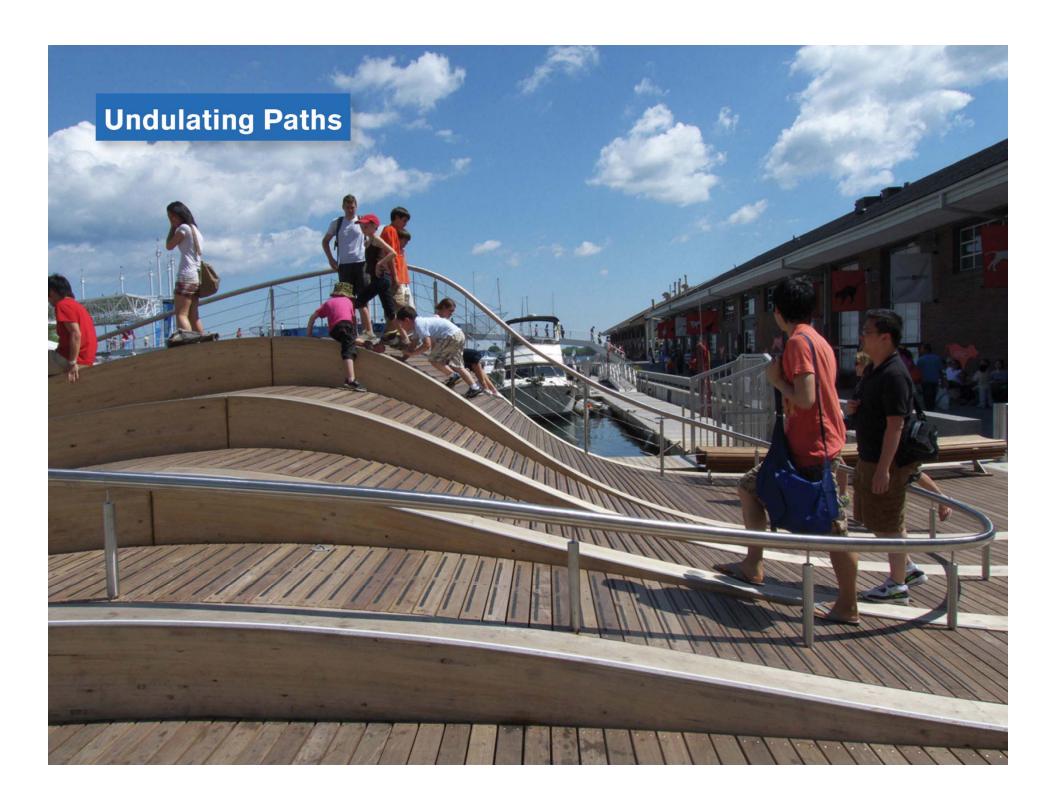




Sloped Landscape

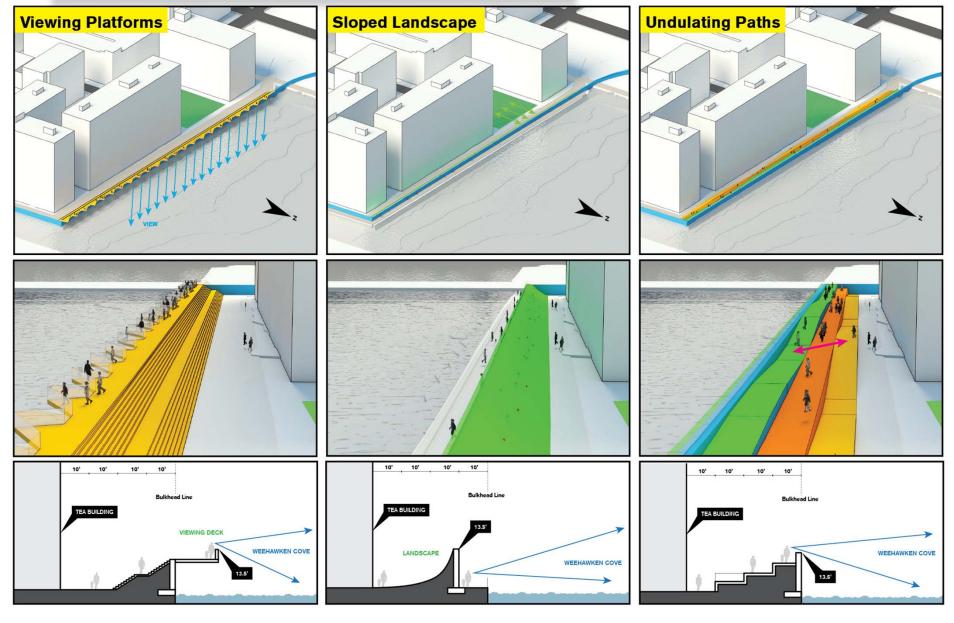






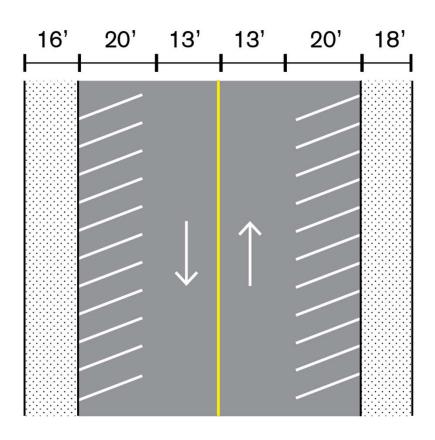
Alt. 1 - Weehawken Cove Promenade



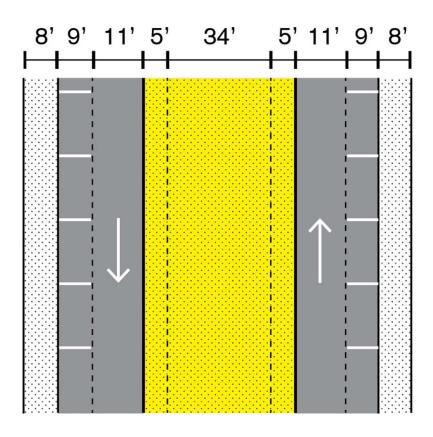


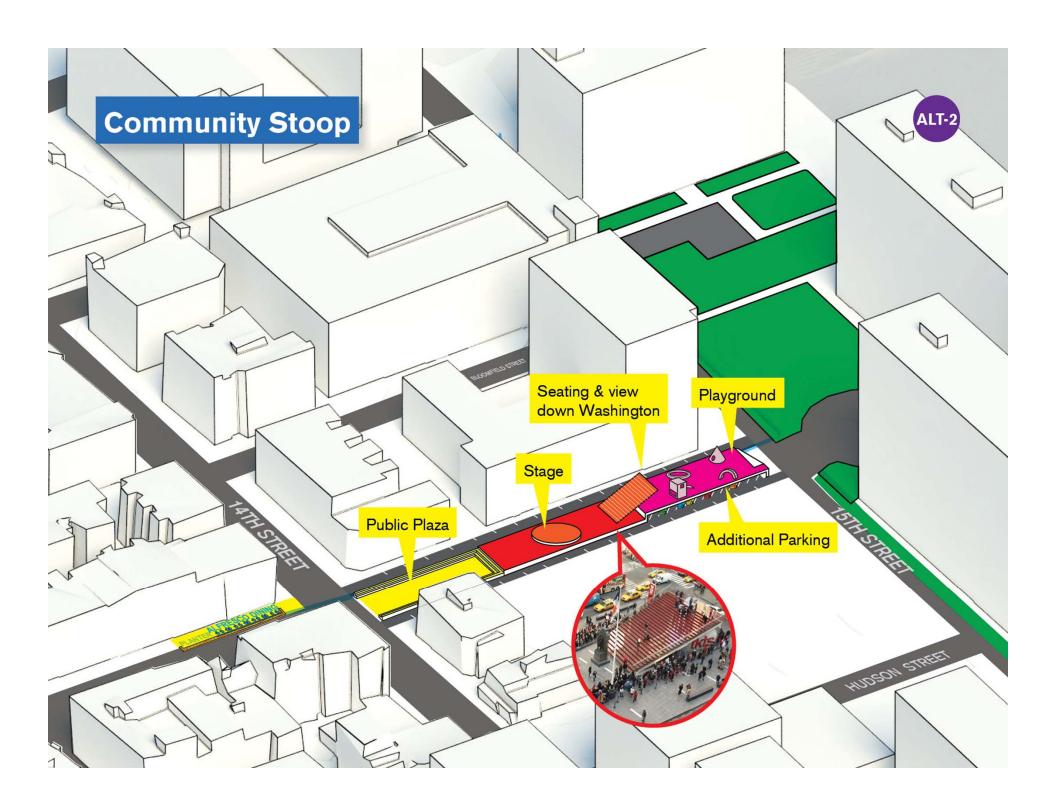


Existing



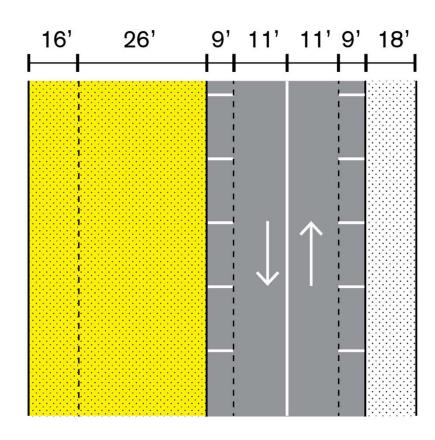
Pedestrian Island

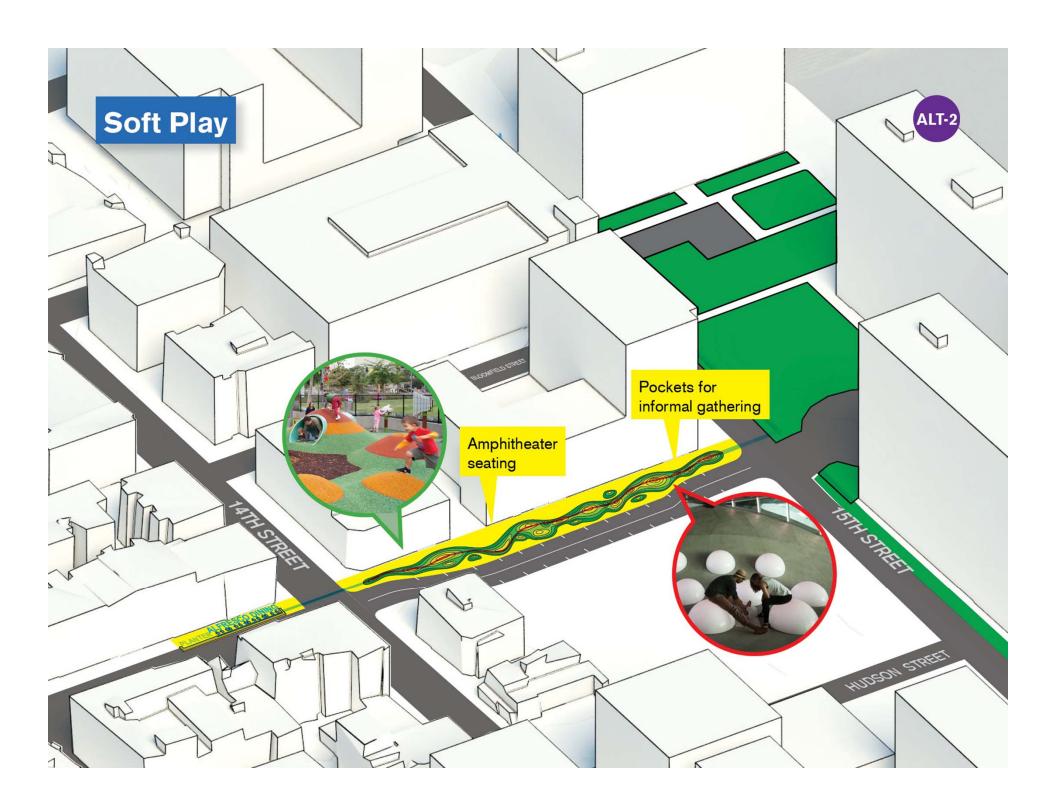






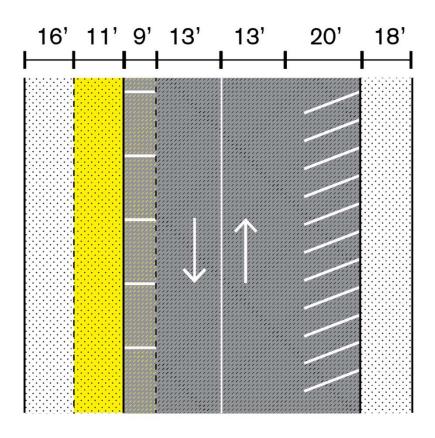
Widened Sidewalk

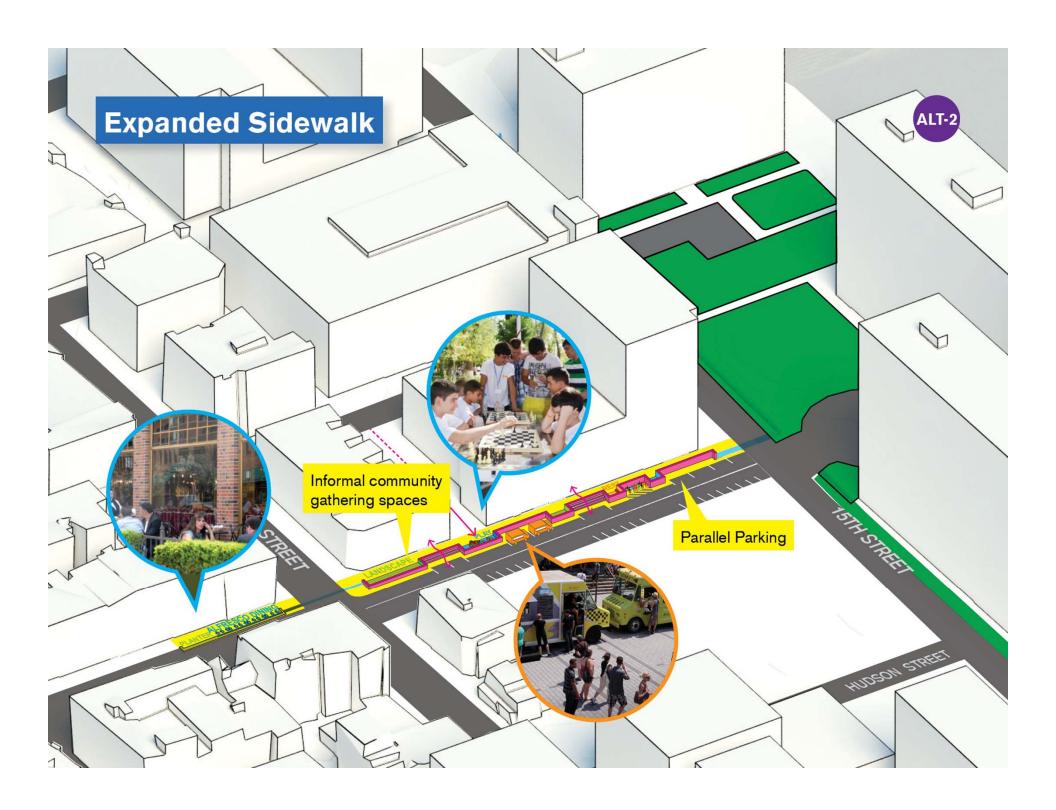


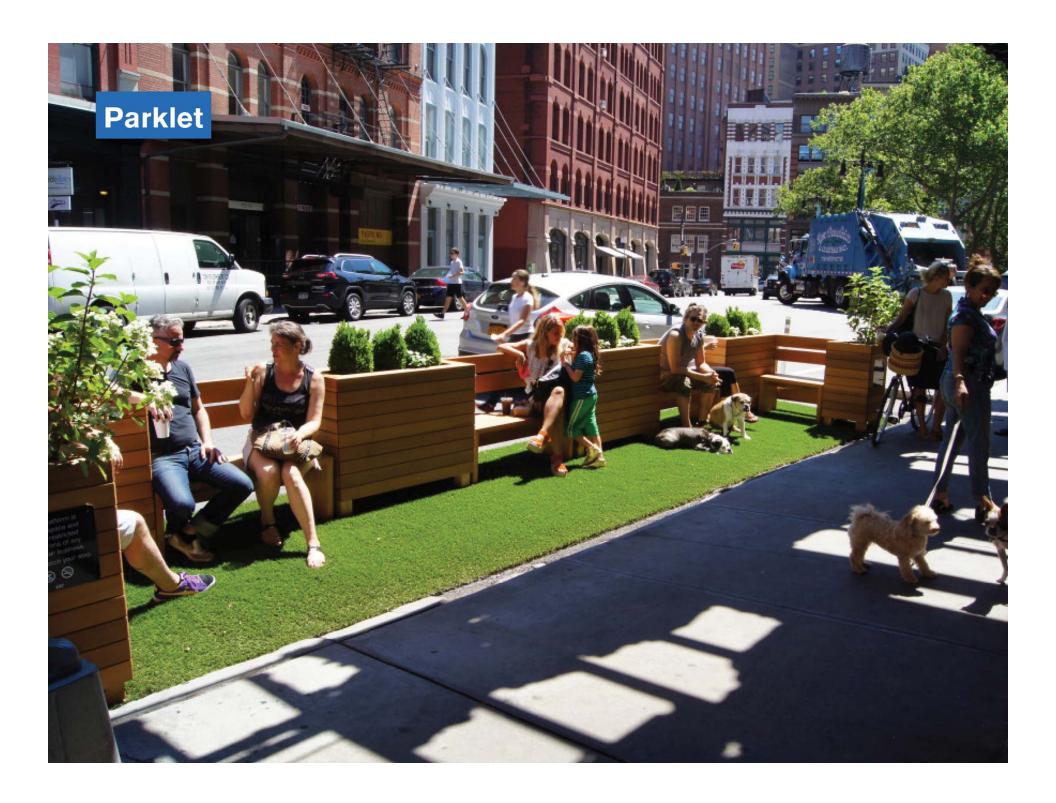




Expanded Sidewalk

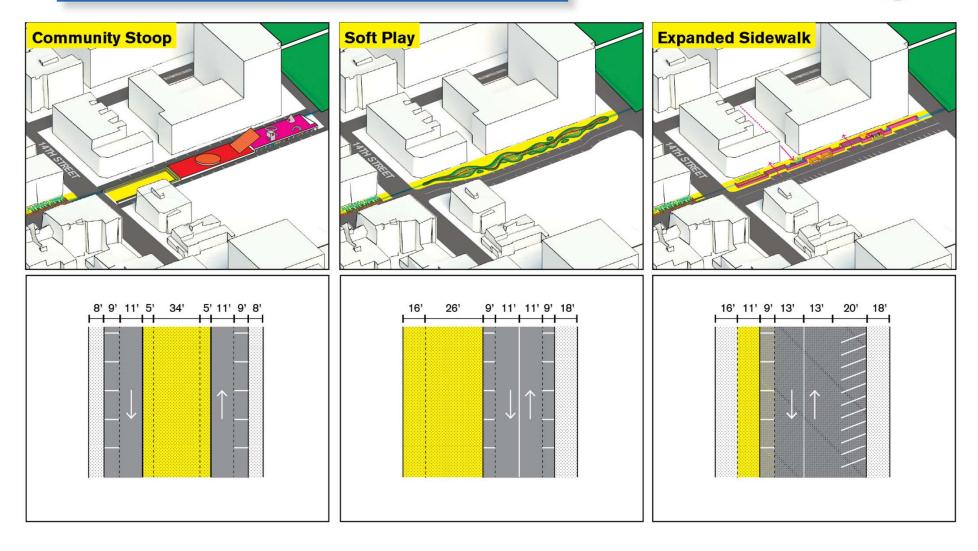


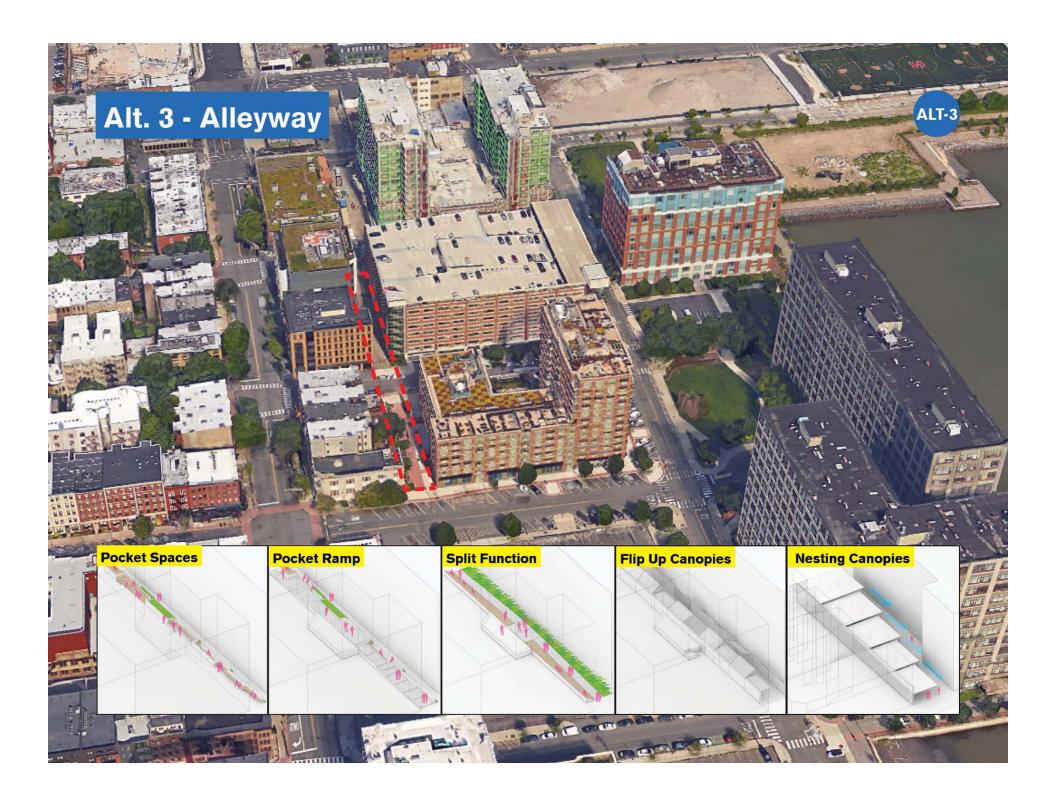




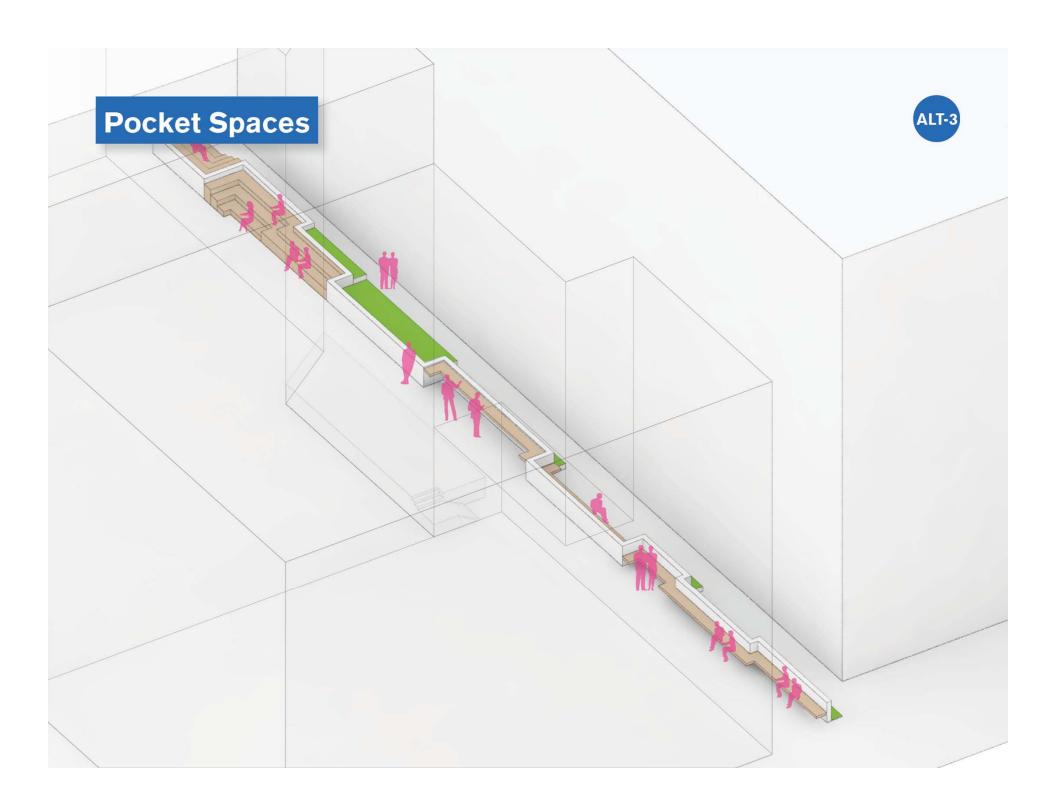
Alt. 2 - Washington Street Overview

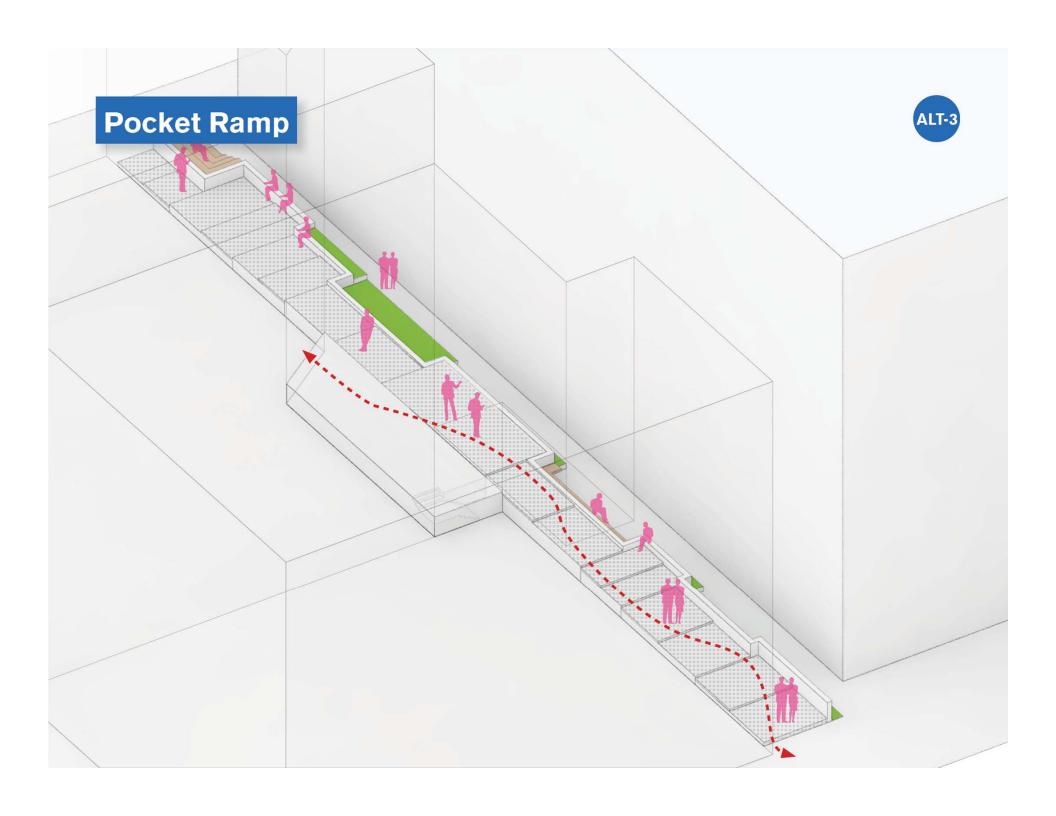


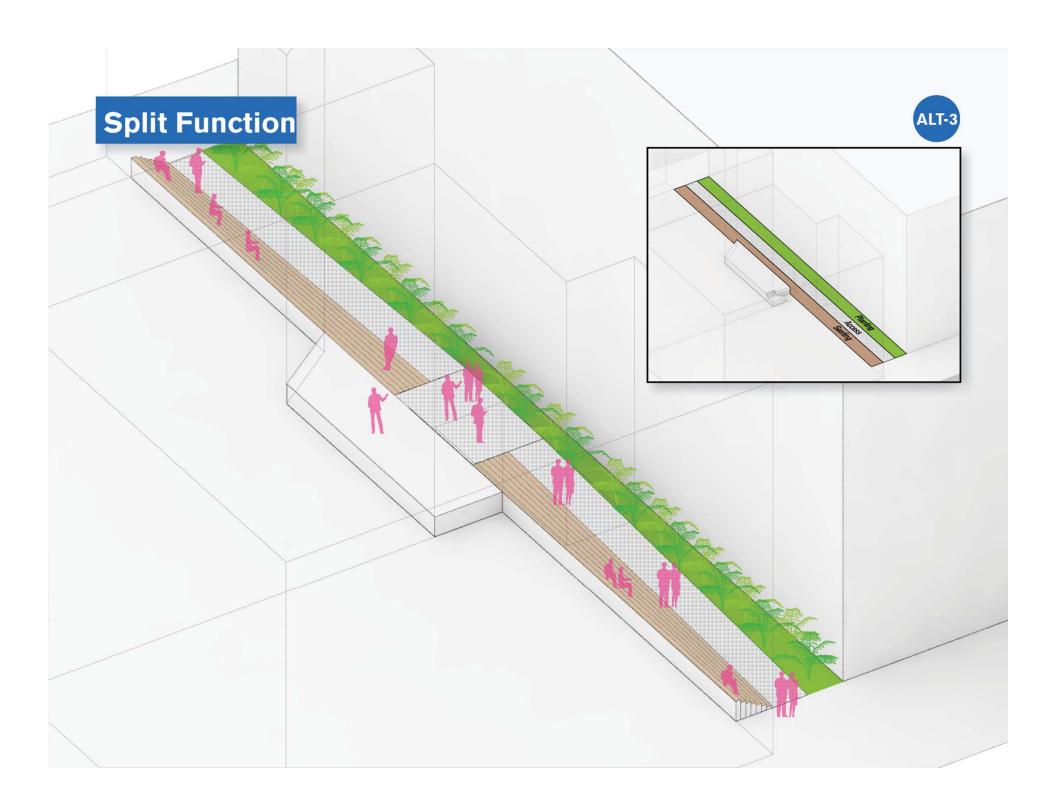


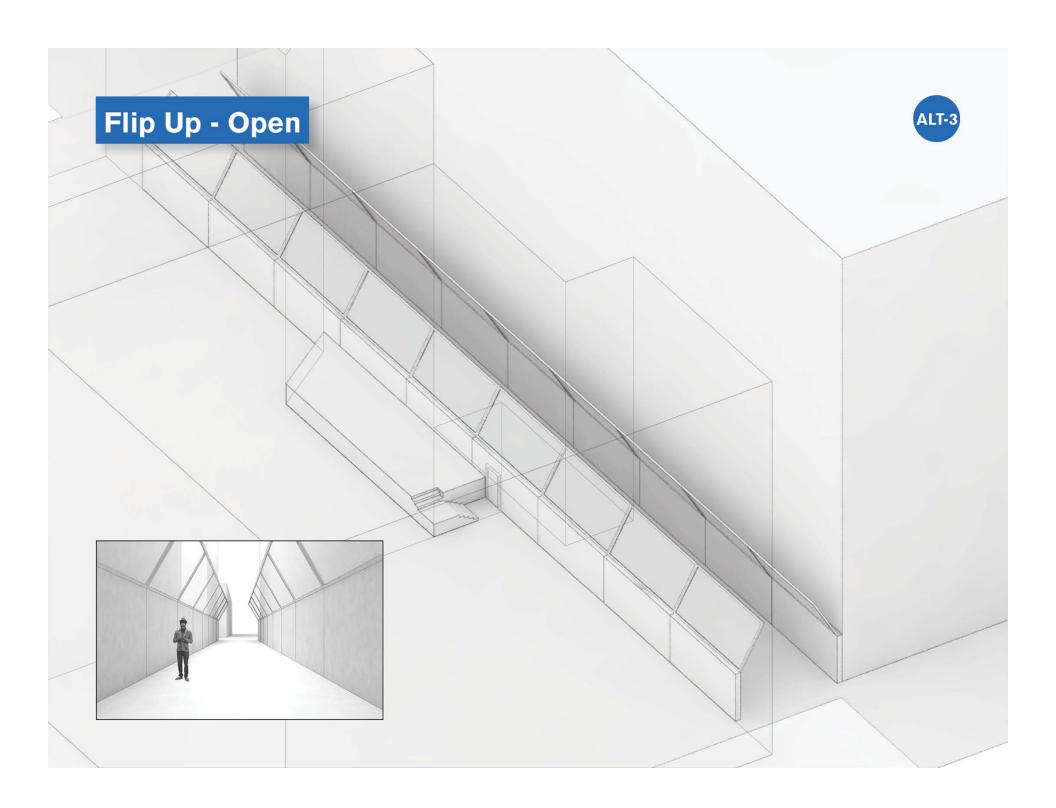


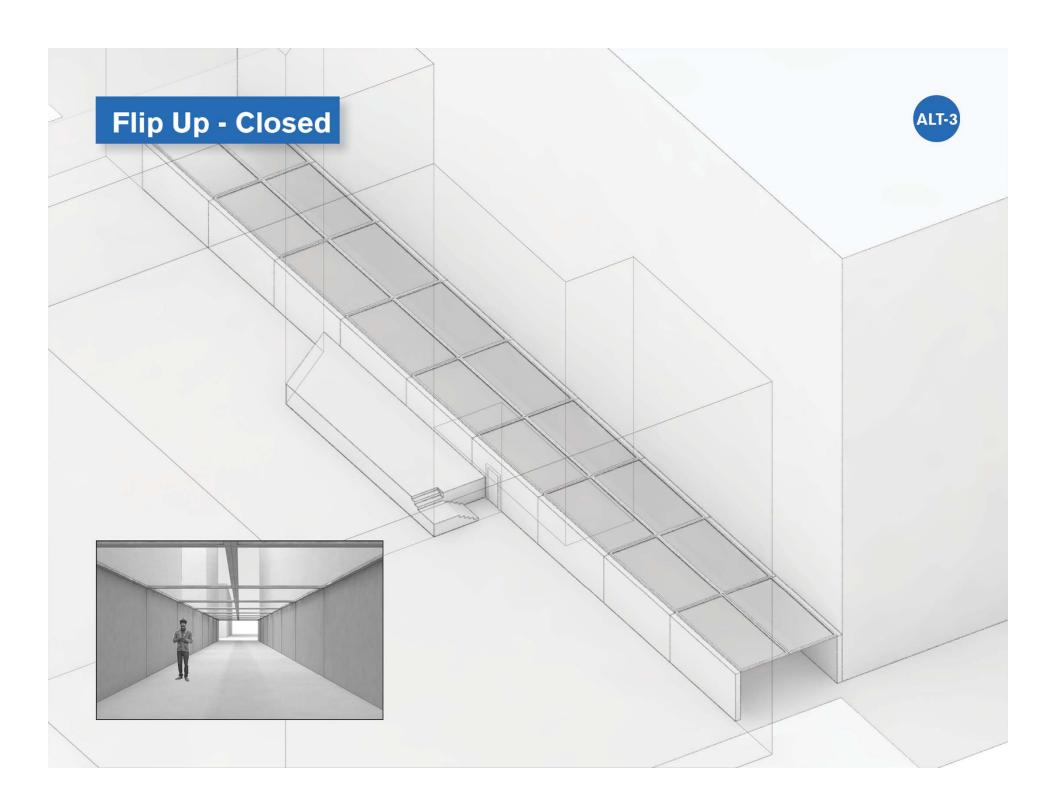


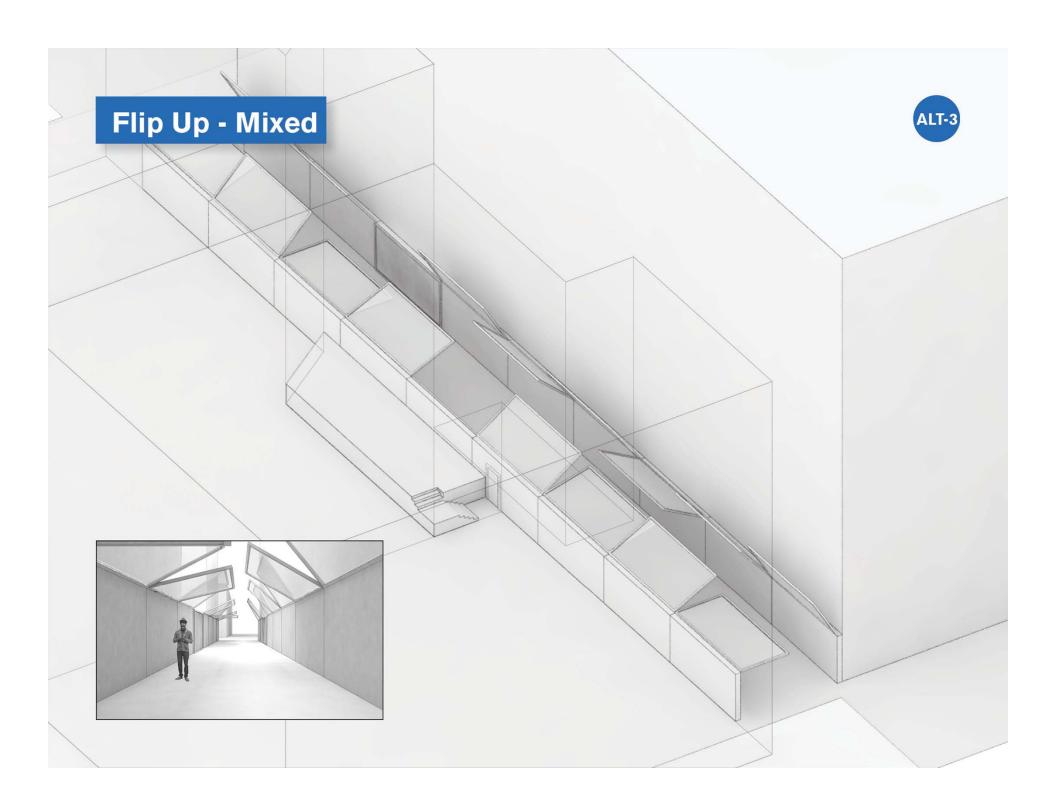


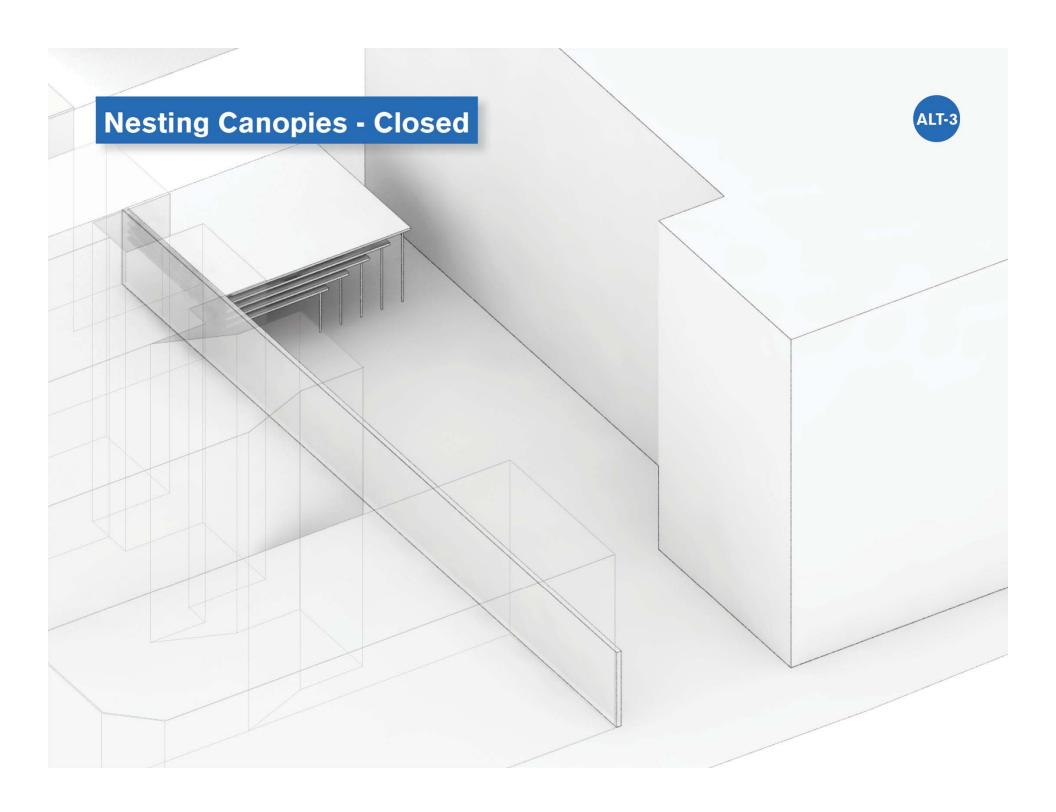


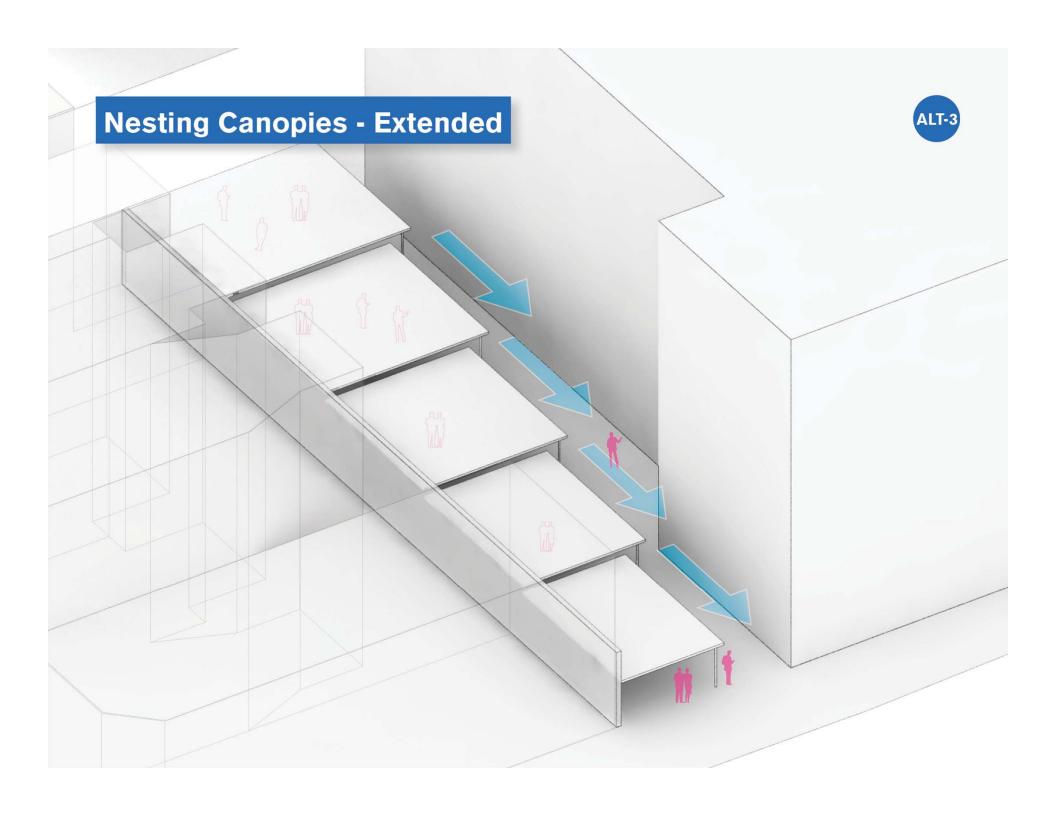






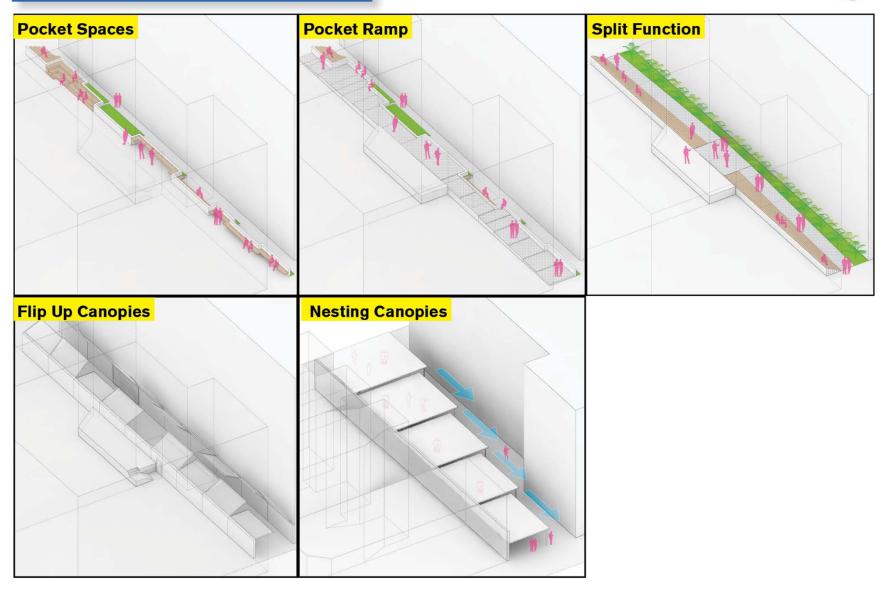


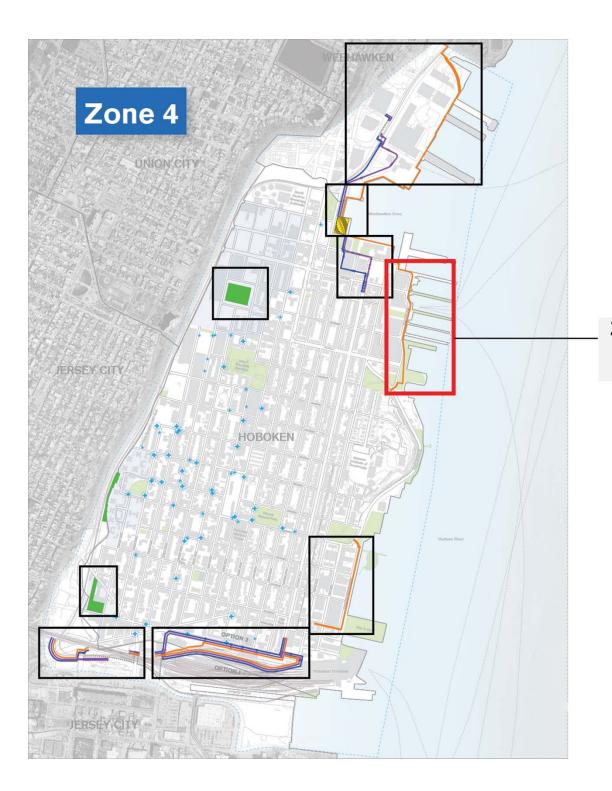




Alt 3. - Alleyway Overview



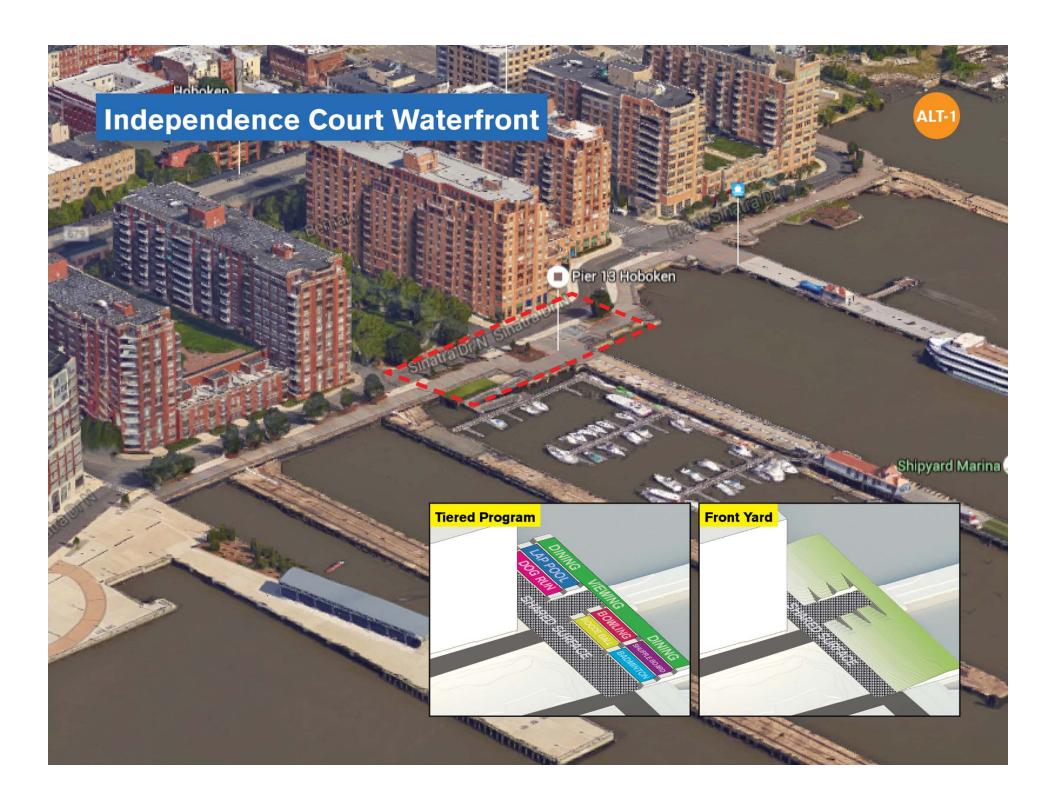




Zone 4 — North Waterfront

Alternative 1 Only









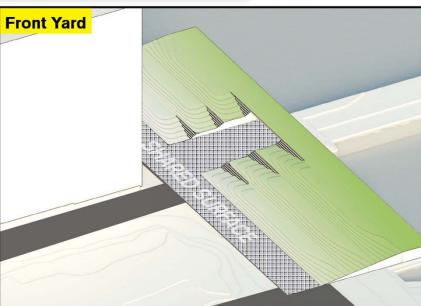




Alt 1. - Independence Court Waterfront Overview



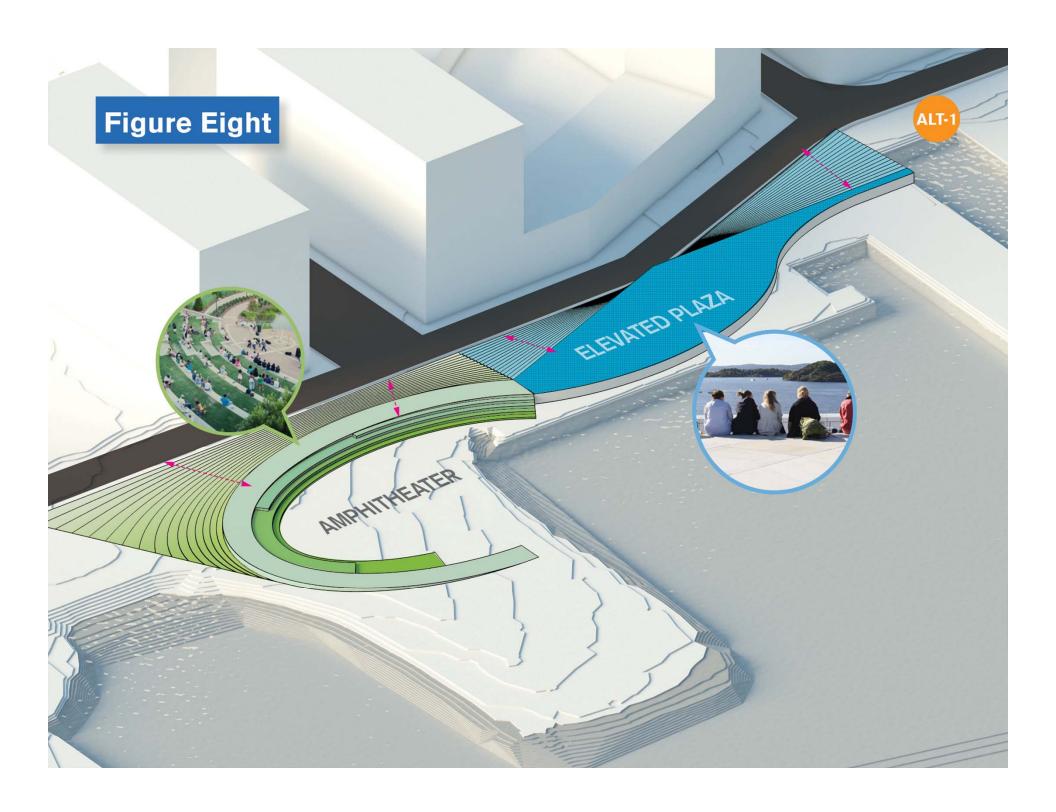










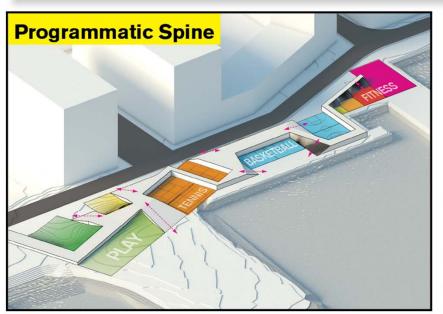


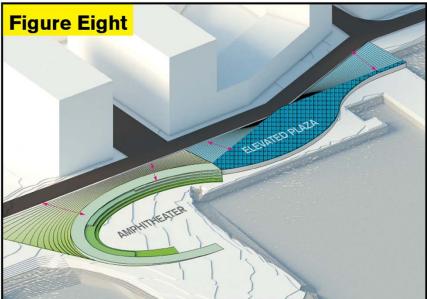


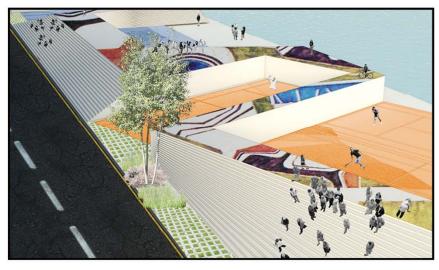


Alt. 1 - Maxwell Place Park Overview

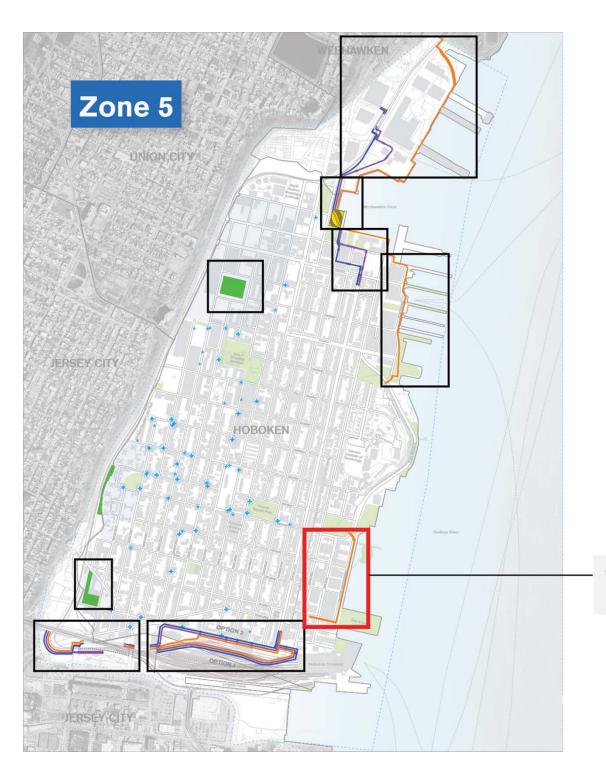








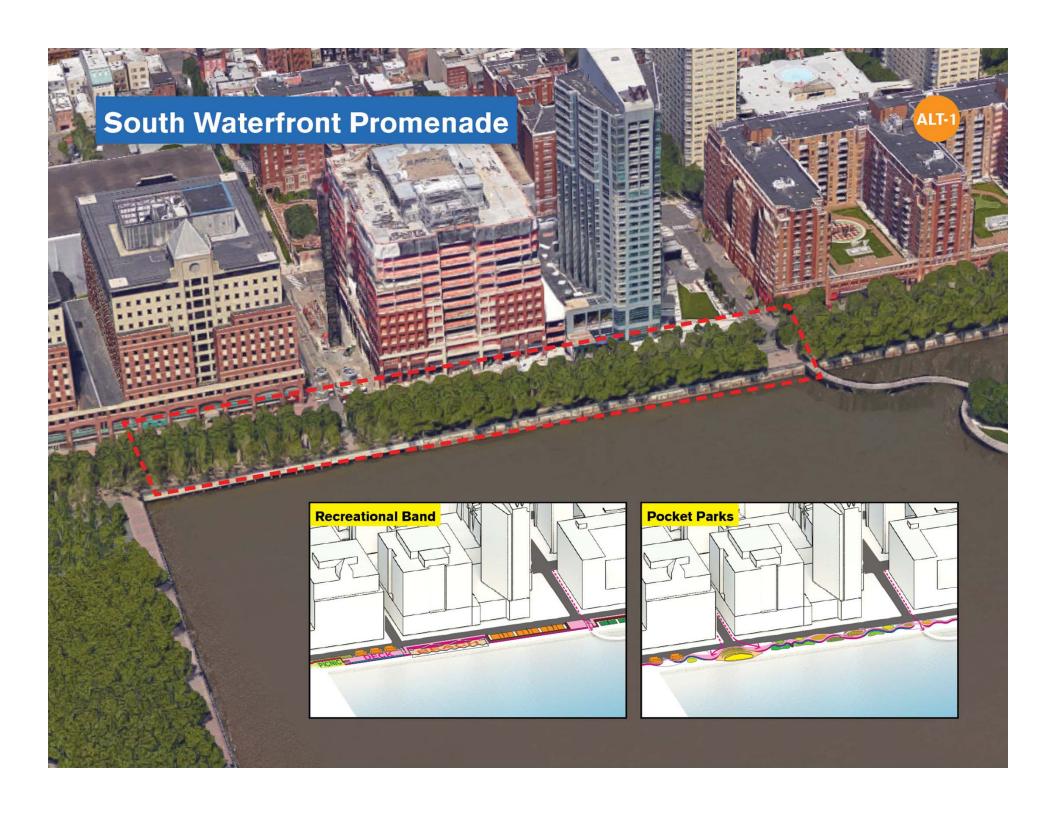


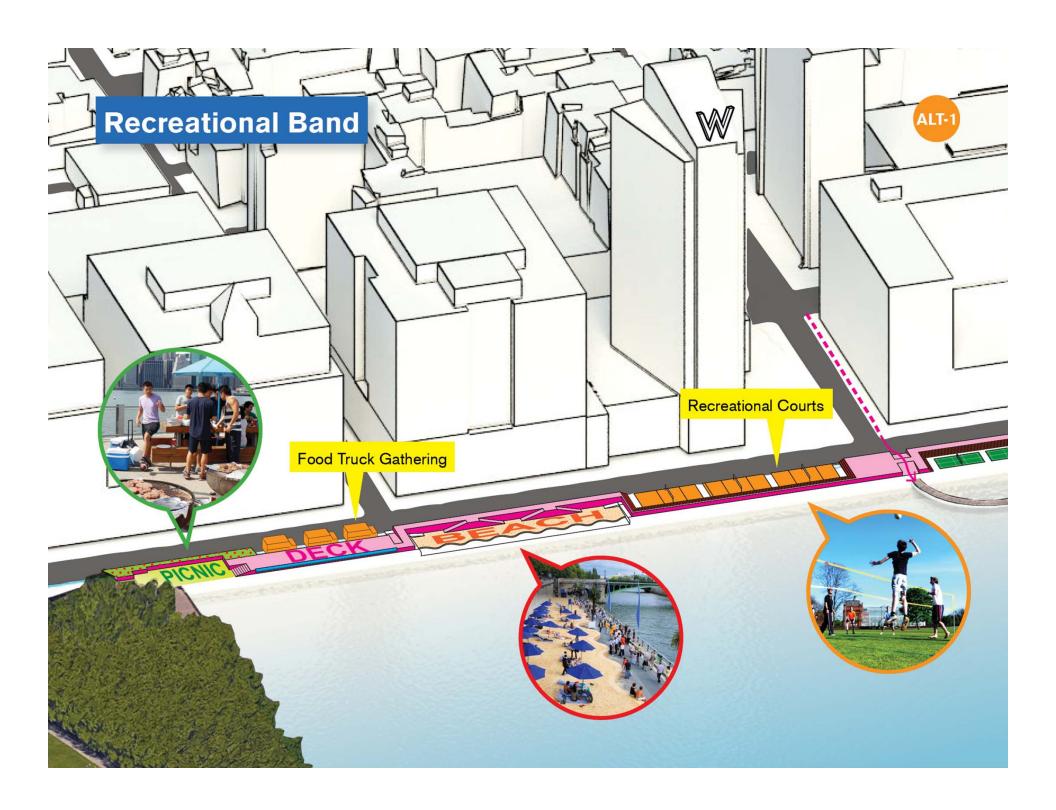


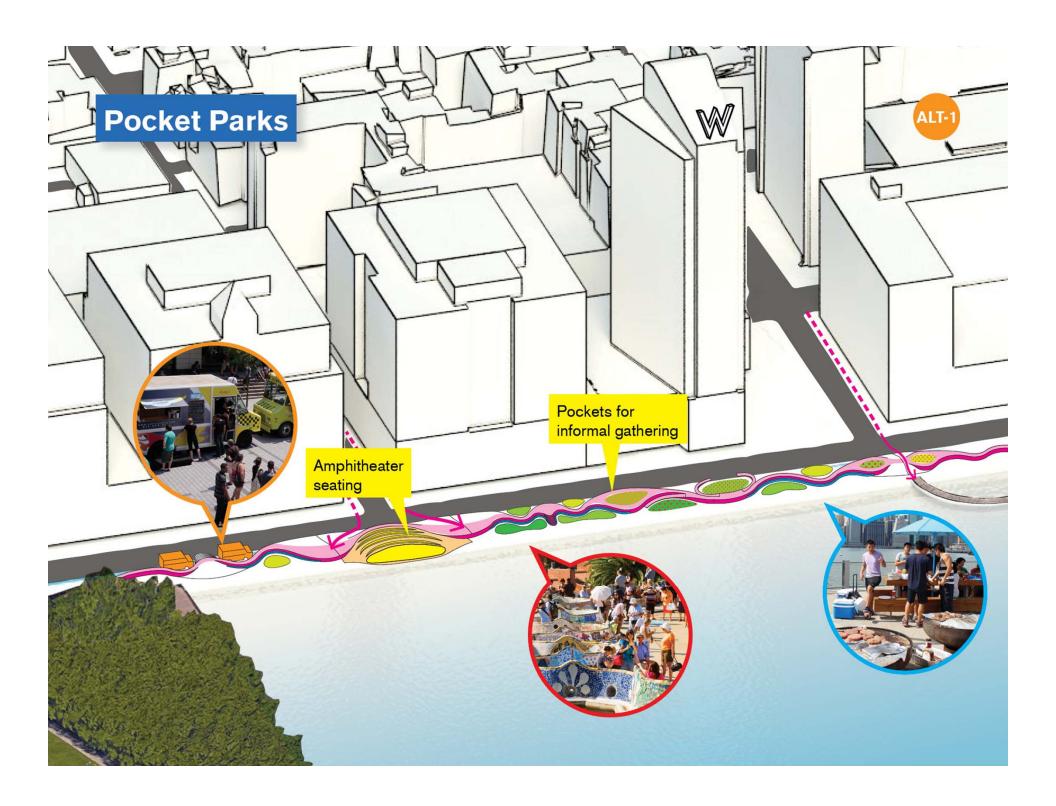
Zone 5 — South Waterfront

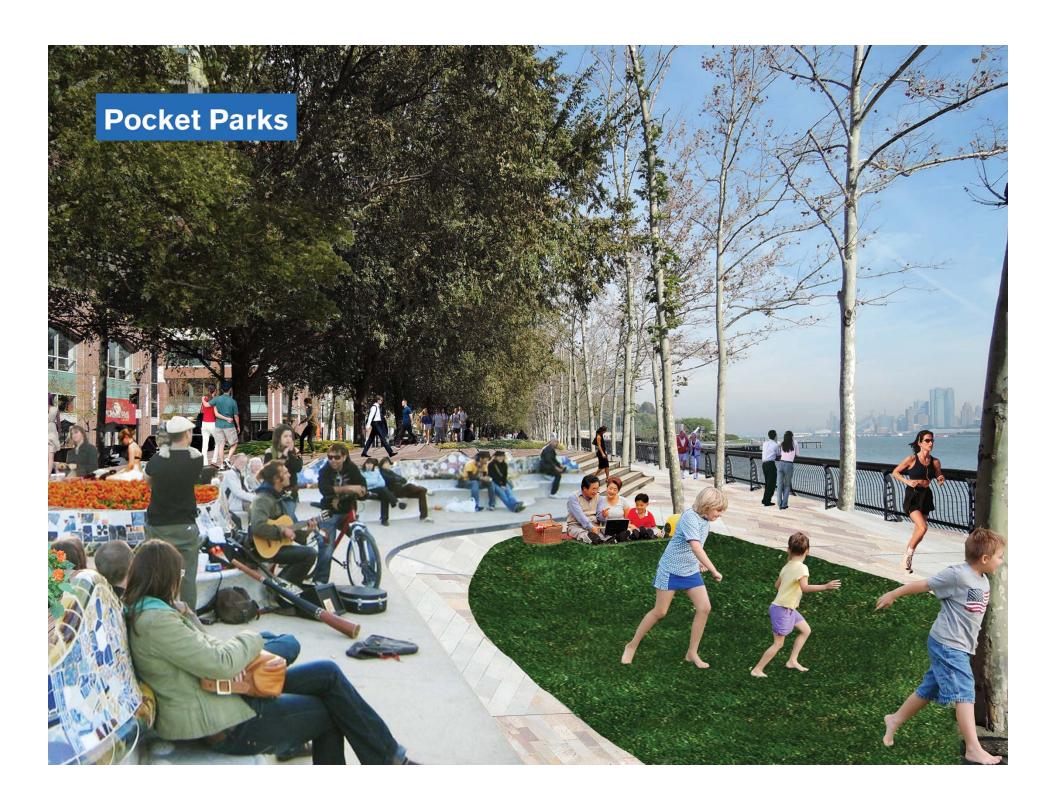
Alternative 1 Only





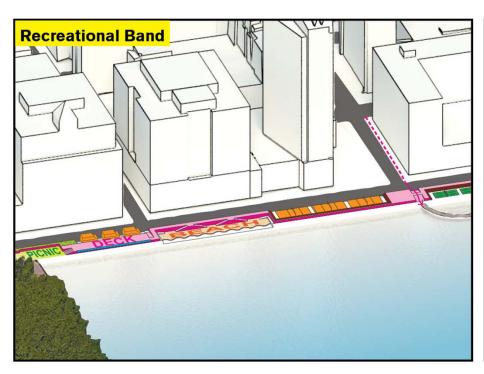


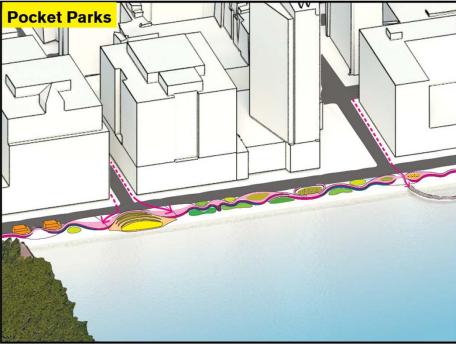


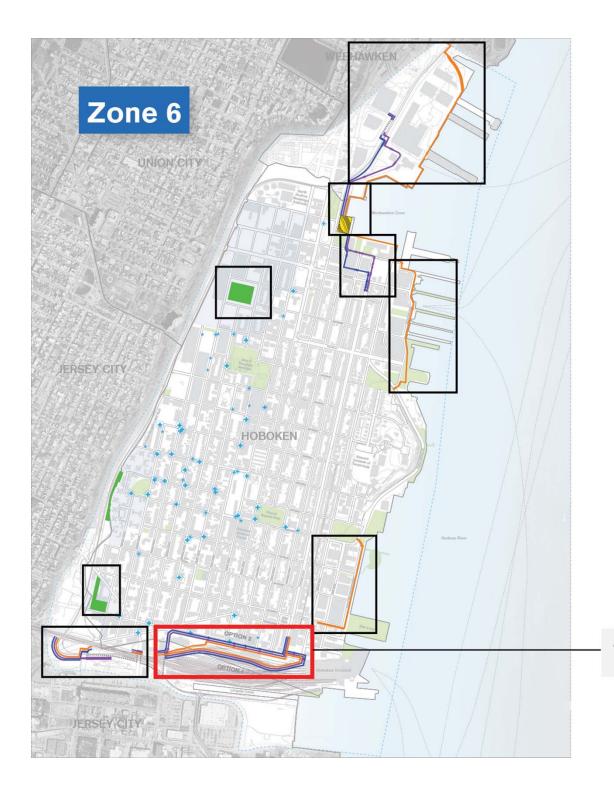


Alt. 1 - South Waterfront Overview



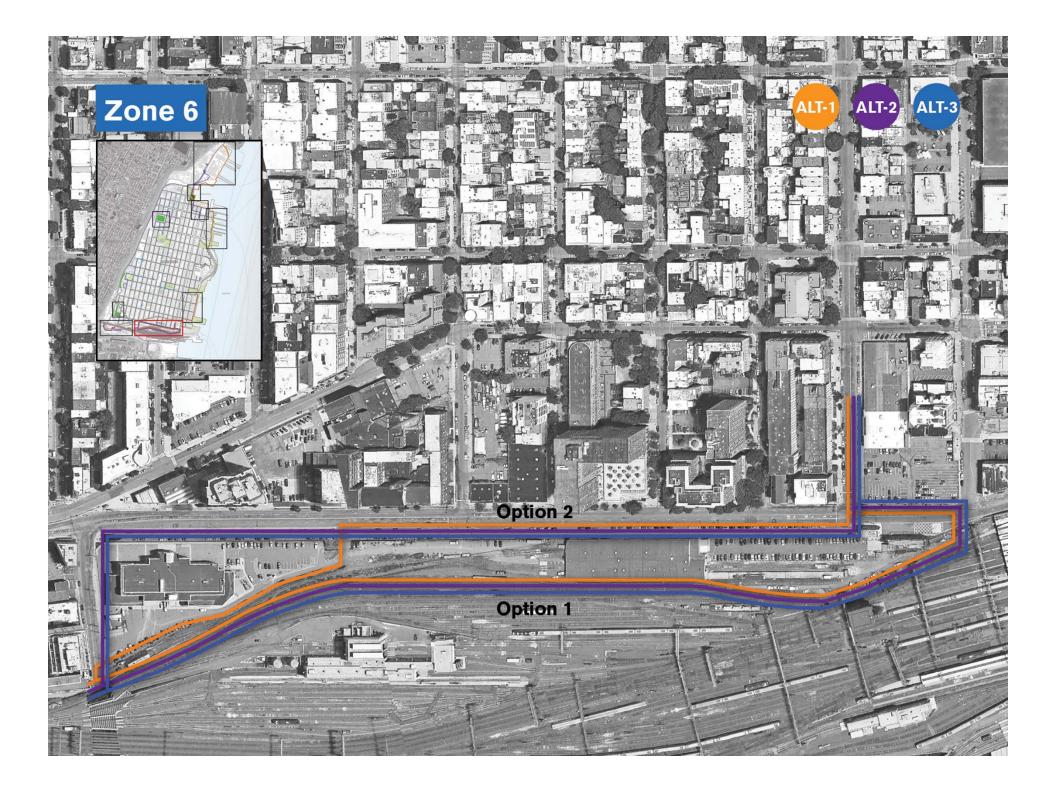






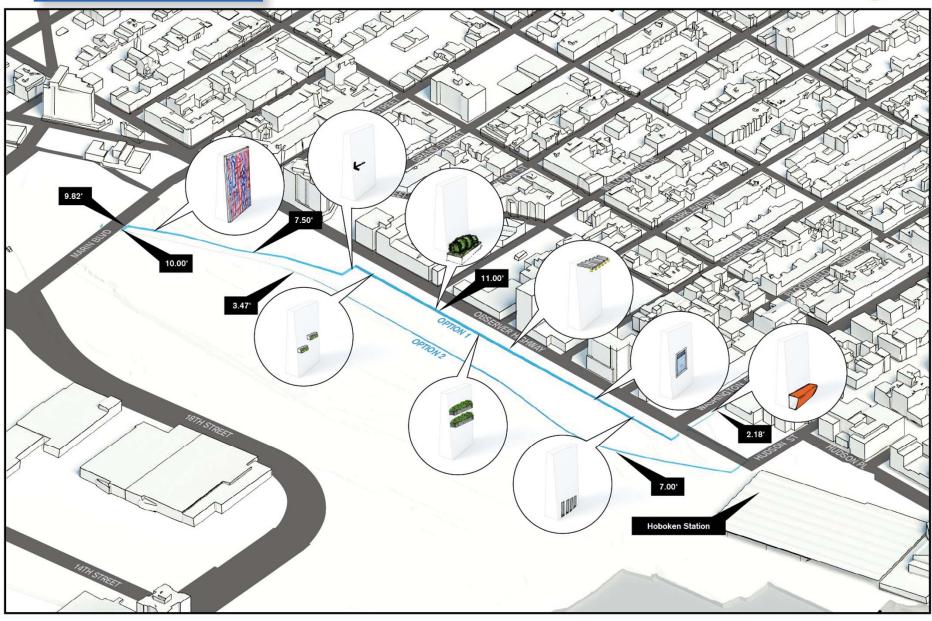
Zone 6 — Observer Highway

Alternative 1, 2, 3 @ Street or along rails



Alt. 1 Overview

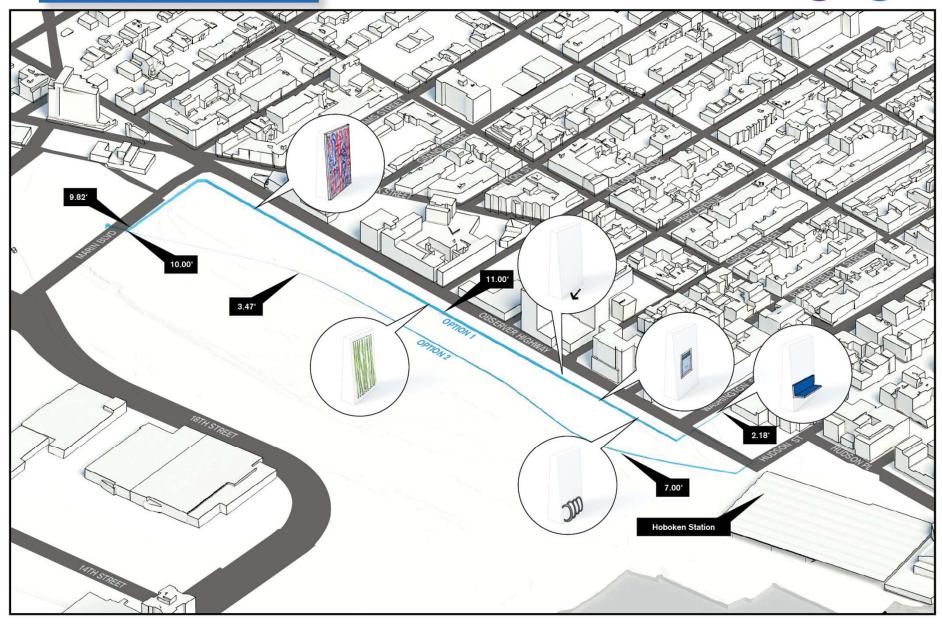




Alt. 2 & 3 Overview



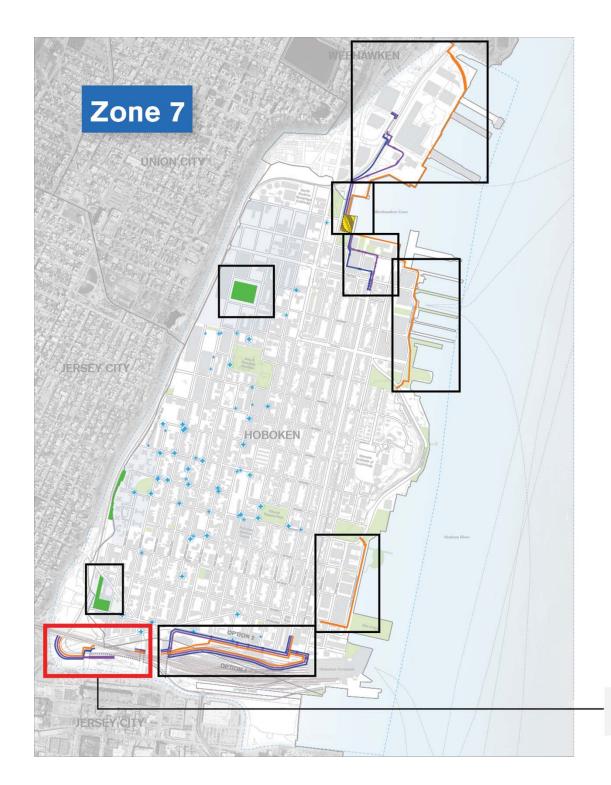






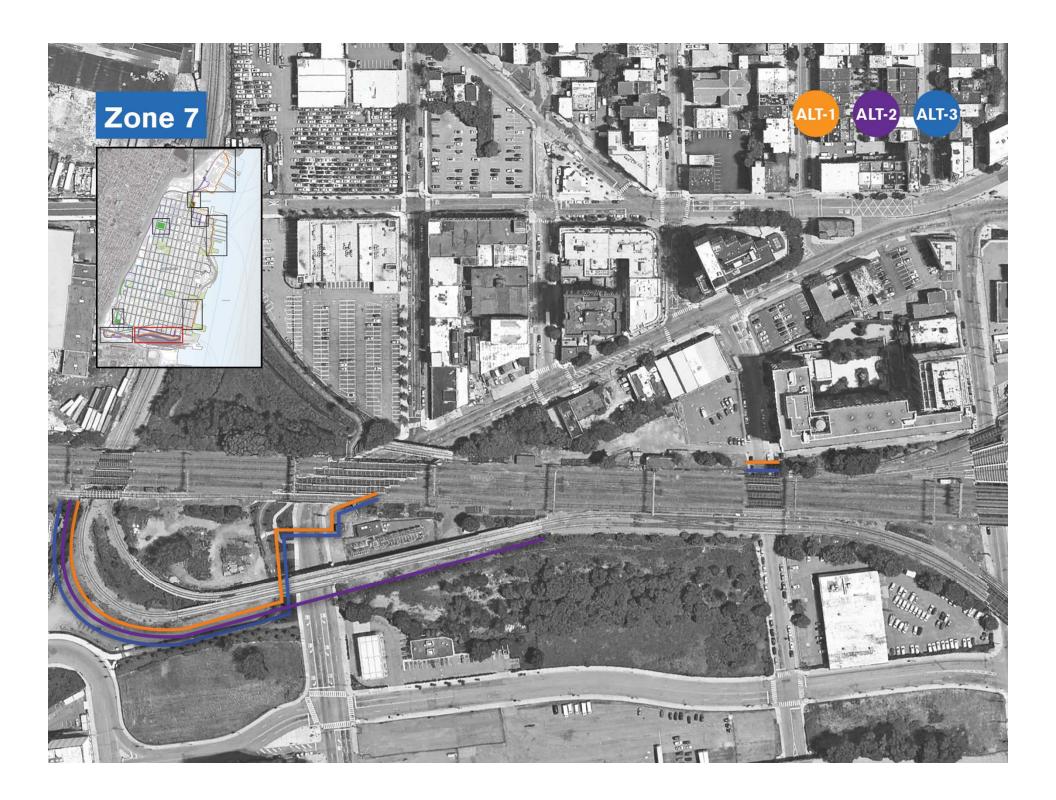






Zone 7 — Jersey Avenue Underpass

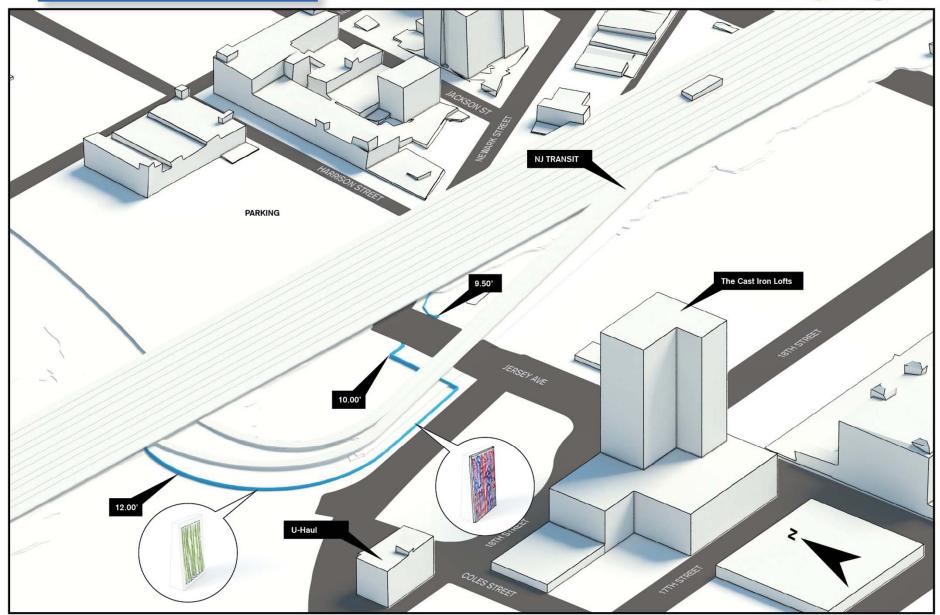
Alternative 1, 2, 3 @ Underpass



Alt. 1 & 3 Overview

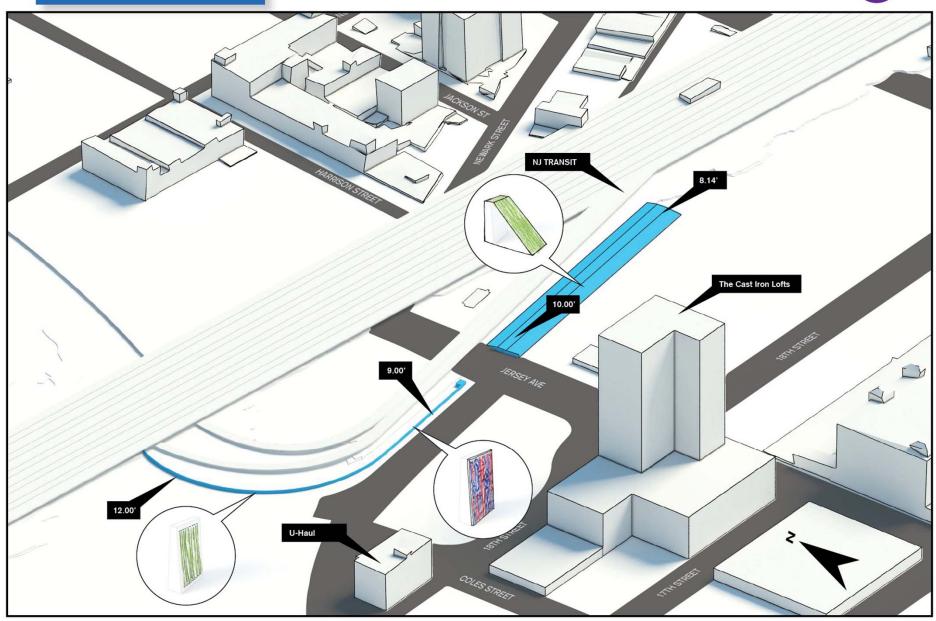




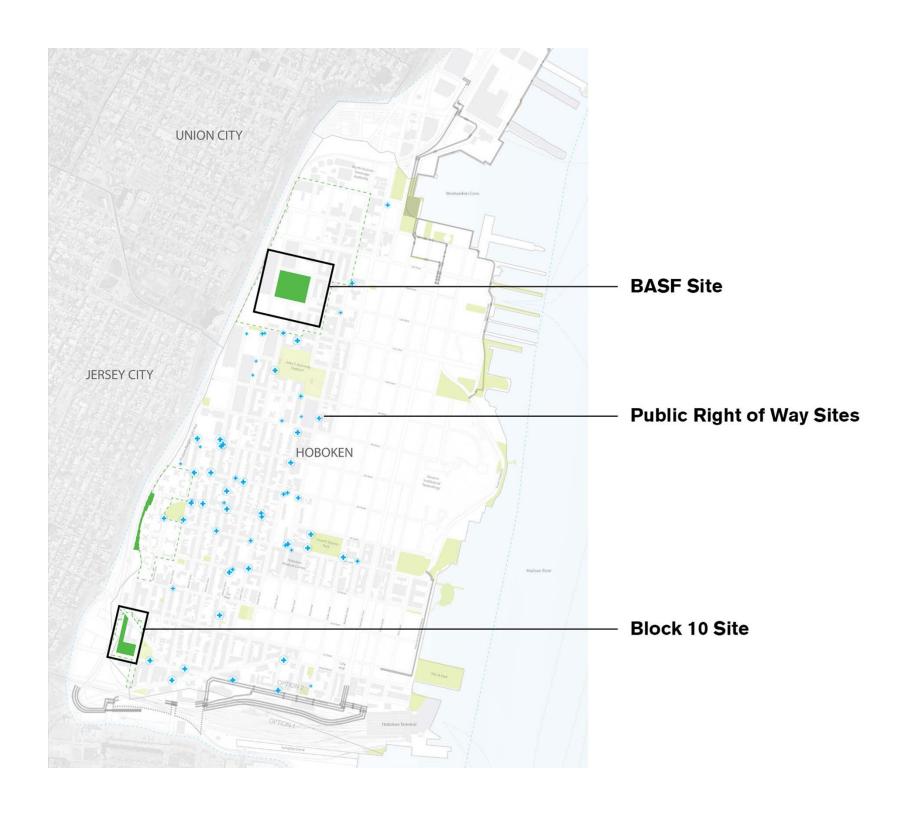


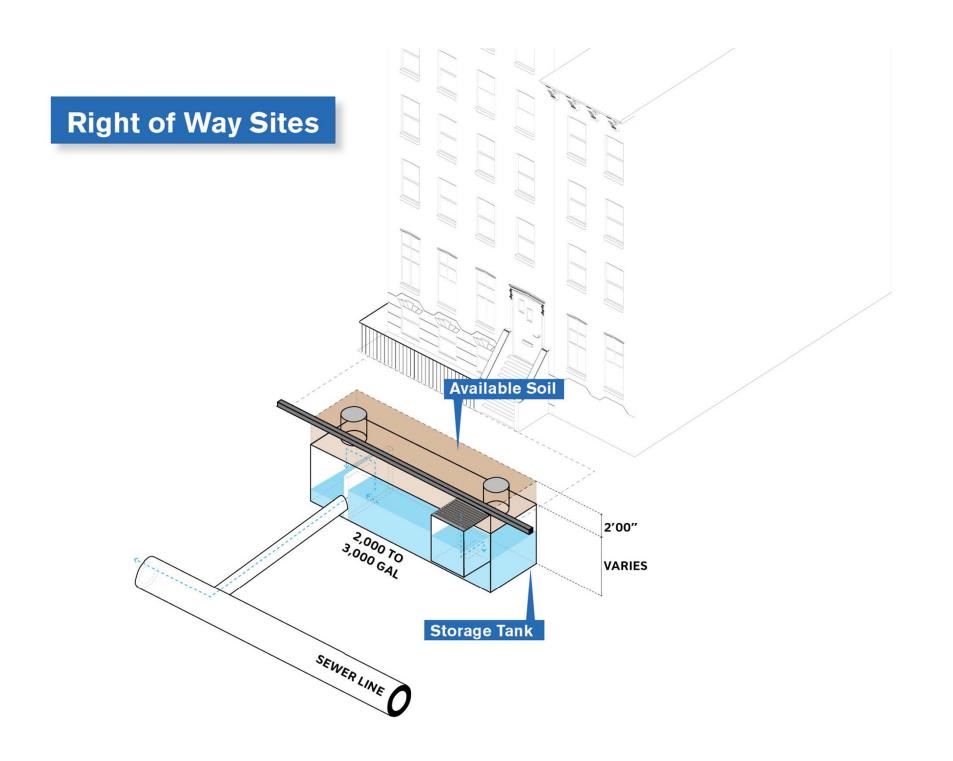
Alt. 2 Overview



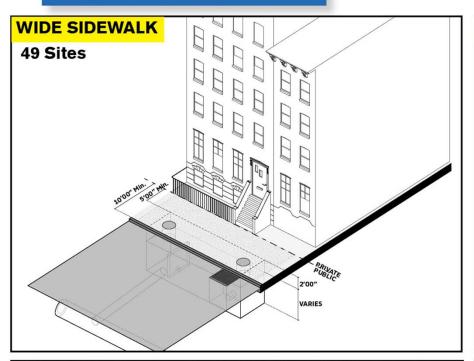


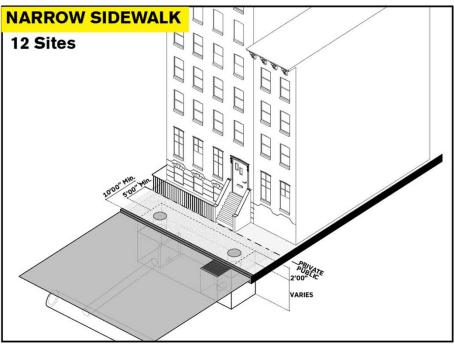
DSD STRATEGY





Right of Way Sites

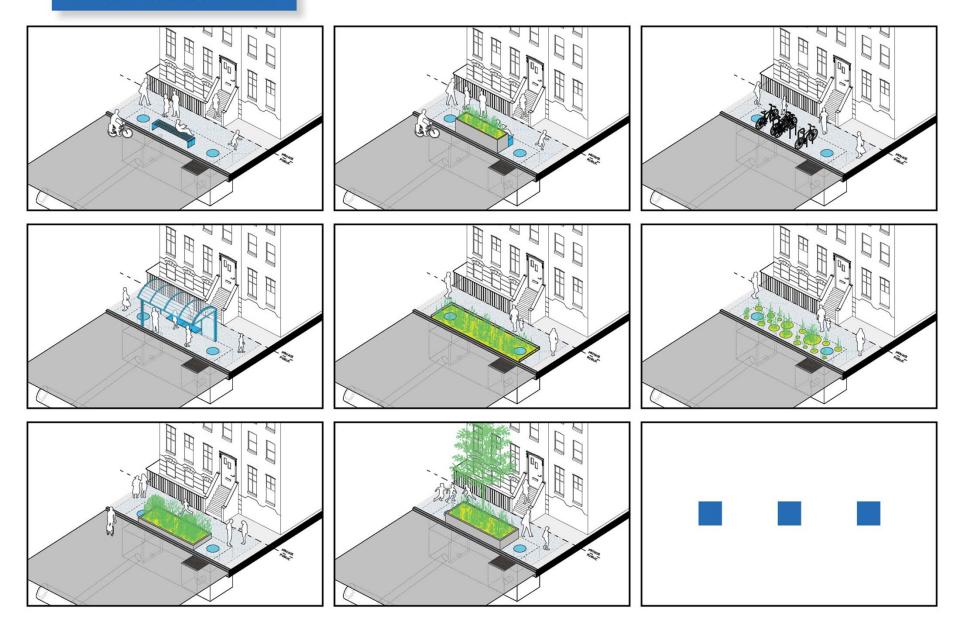




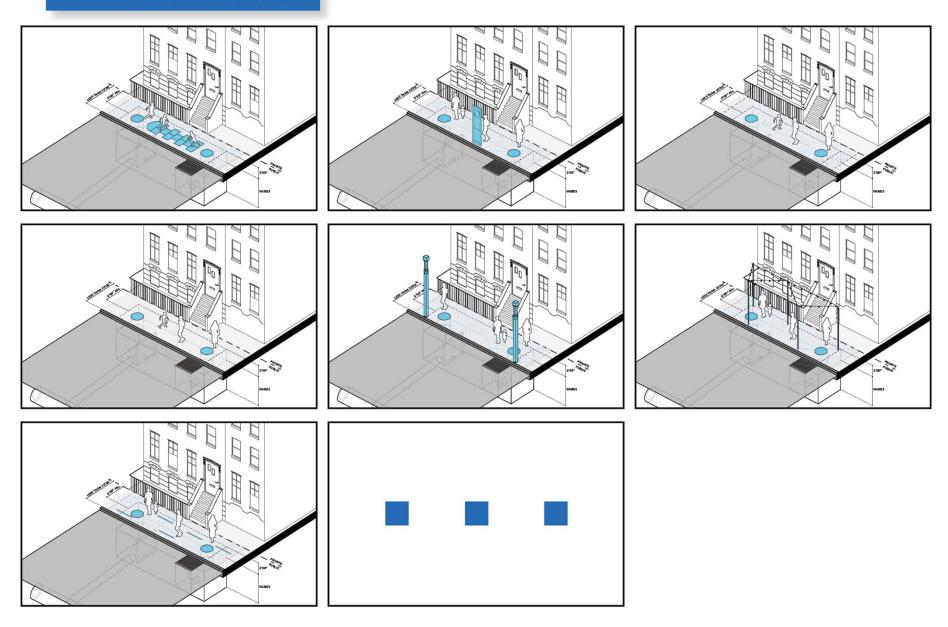




Wide Sidewalk



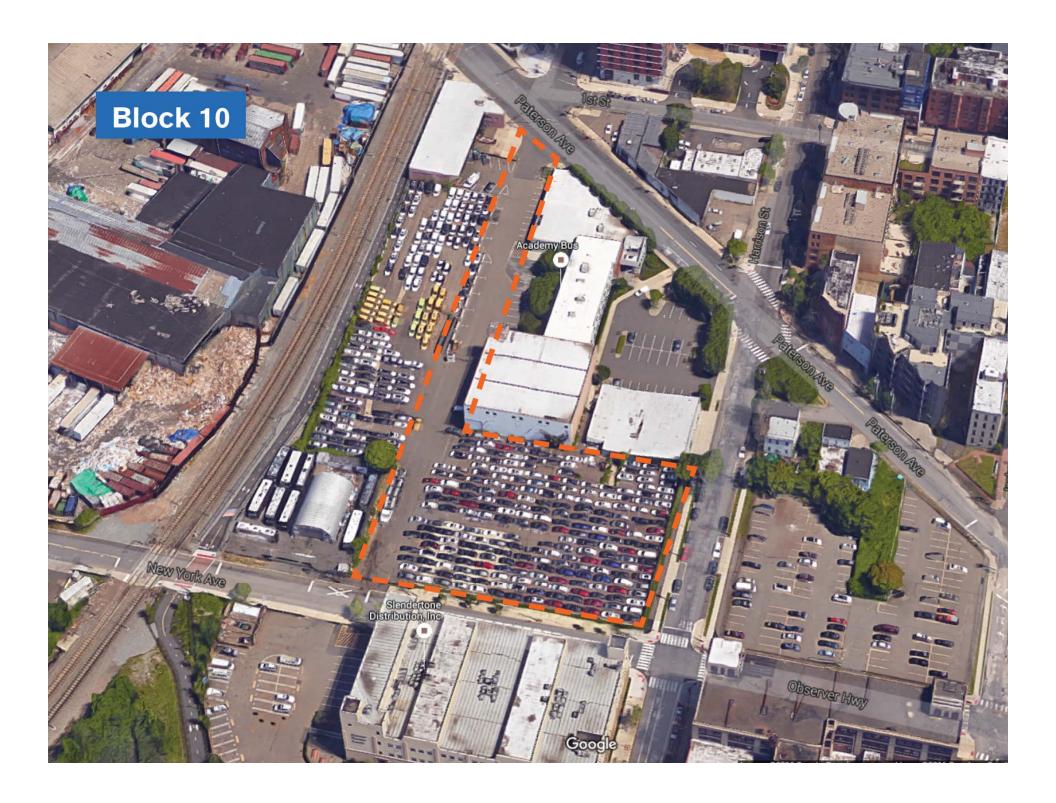
Narrow Sidewalk



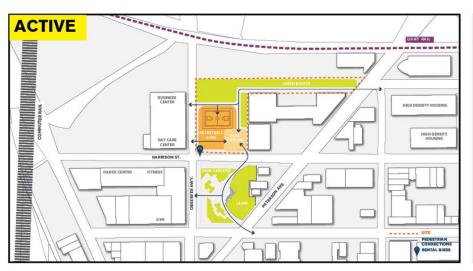


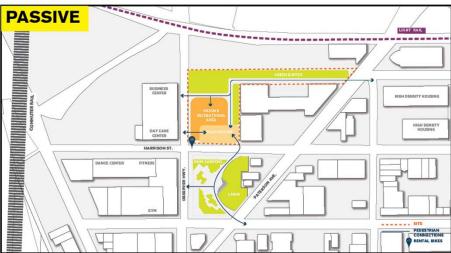
BASF SITE





Block 10











Breakout

- a. What features/characteristics are important in this zone?
- b. What features do you like about the design concept for this zone?
- c. Do you have any concerns with the proposed design ideas?
- d. What area within the zone is important to you?
- e. What elements are missing from the design concept for this zone?

Breakout

Zones 1-3 (Weehawken, North Hoboken)

Zones 4-5 (North and South Waterfront)

Zones 6-7 (South Hoboken)

Delay, Store, Discharge

Next Steps

4/12/16 Urban Design Workshop
Adams Gardens (HHA Senior Housing)
220 Adams Street, Hoboken
6:30 PM

4/14/16 Urban Design Workshop
Elks Lodge
1005 Washington Street, Hoboken
6:30 PM

4/28/16 Urban Design Workshop
St. Lawrence Church Community Room
22 Hackensack Avenue, Weehawken
6:30 PM



Planned Short Term Schedule

April Focus on Urban Amenities

May CAG (Community) continued Urban

Amenities/review of computer modeling

June Public Meeting review of Alternatives

Analysis

June/July Community Meeting to unveil the

Preferred Alternative

END