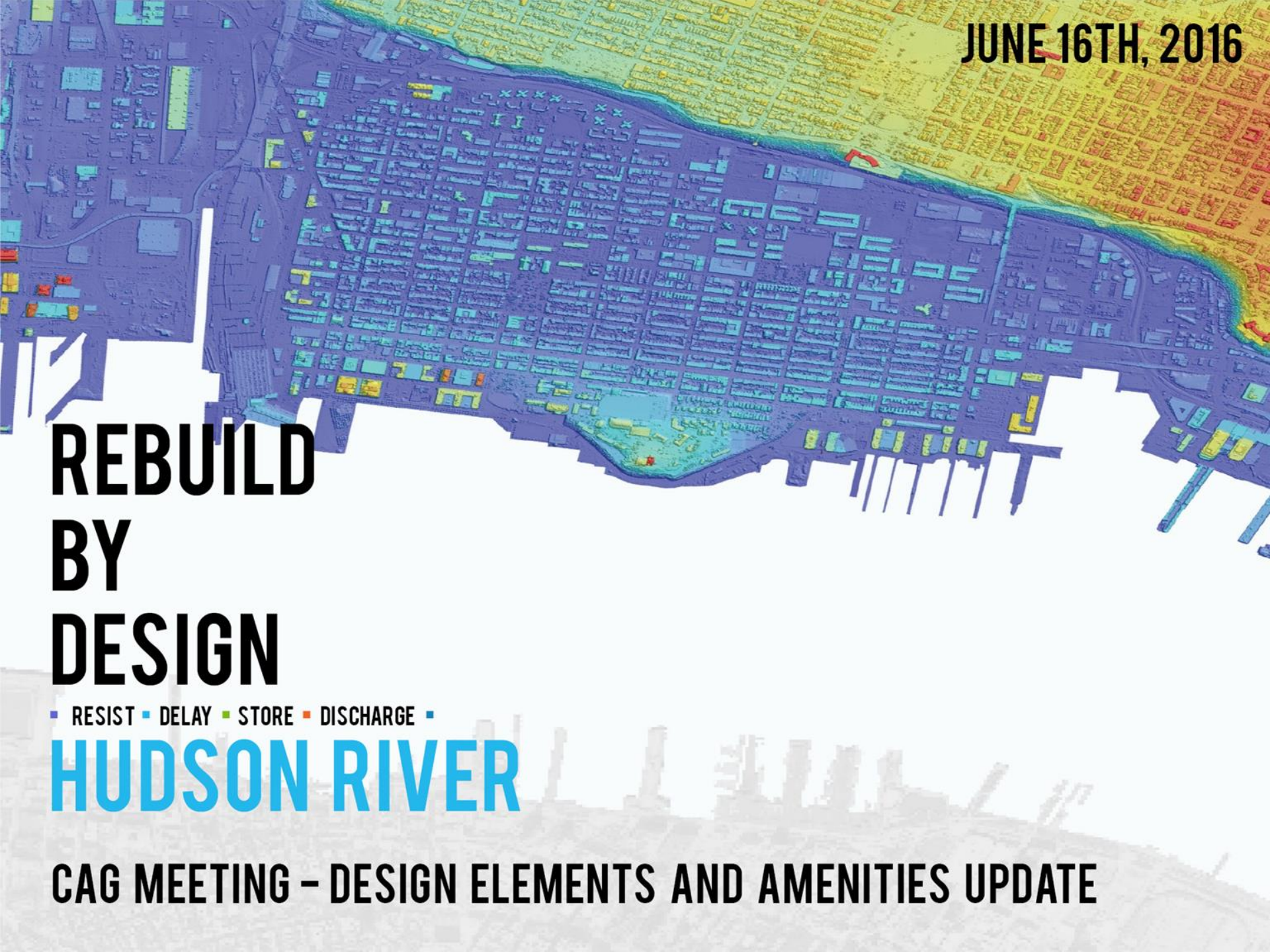




JUNE 16TH, 2016

REBUILD BY DESIGN

■ RESIST ■ DELAY ■ STORE ■ DISCHARGE ■

HUDSON RIVER

CAG MEETING – DESIGN ELEMENTS AND AMENITIES UPDATE

Meeting Agenda

Project Update **Dewberry**

Alternatives 1, 2, & 3 **Dewberry**

Resist **OMA**

Delay, Store, Discharge **SCAPE**

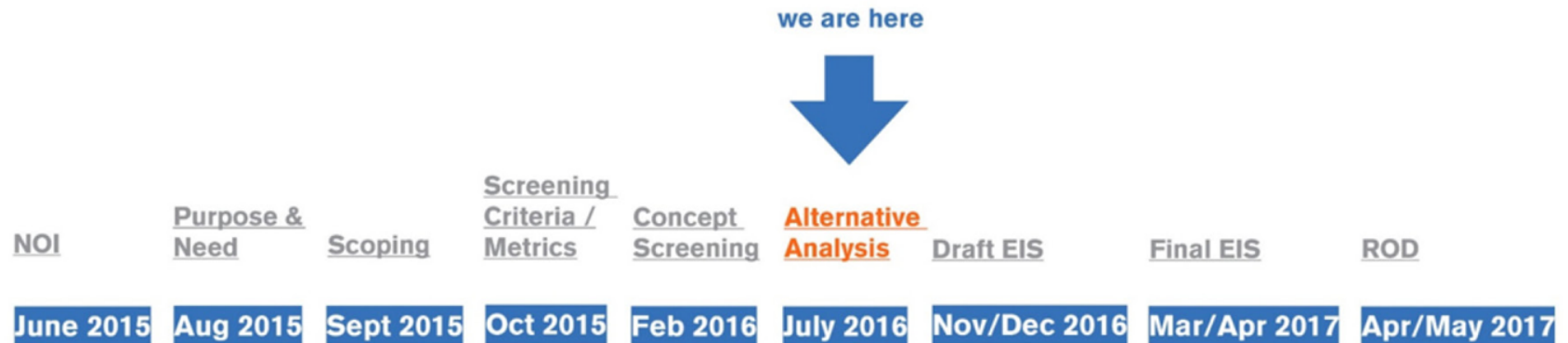
Breakout **All**

PROJECT STATUS

we are here



THE PROCESS



NEPA PROCESS

FEASIBILITY ASSESSMENT

PUBLIC INVOLVEMENT

Upcoming Meetings

Community Meeting (CAG)

Flood Modeling **July 12**

Community Meeting (CAG)

Alternatives Analysis **Week Of July 25th**

Public Meeting for

Preferred Alternative **Week Of August 15th**

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:

- Stormwater Tank
- Stormwater Tank Bump-out
- Multipurpose Stormwater Facilities
- Pumps
- Existing Structure
- Municipal Boundaries
- Study Area
- Preliminary FEMA 100 Year Flood Plain
- * Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.

Scale: 0' 400' 800' 1,600'

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Flood Risk Reduction	
Percent of Population with Coastal Storm Surge Risk Reduction Benefits	98%
Potential to Adapt to Higher Coastal Flood Event (2400' and Sea Level Rise)	●
Rainfall	●
Built Environment	
View Corridors	●
Waterfront Access	●
Potential Community Benefits	●
Connectivity/Circulation	●
Environmental Justice Populations	●
Construction/ Maintenance & Operation	
Constructability	●
Construction Duration	●
Maintenance and Operation for Overall System	●
Environmental Impacts	
Potential Hazardous Waste Sites (Resist Only)	34
Wetlands	Yes
Essential Fish Habitat	Yes
Threatened and Endangered Species	Yes
Army Corp. Permits	Yes
Historic Properties	Yes
Archaeological Resources	●
Benefit/Cost Analysis	
Benefits	Highest
Costs	High
Benefit/Cost Ratio	●

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:

- Stormwater Tank
- Stormwater Tank Bump-out
- Multipurpose Stormwater Facilities
- Pumps
- Existing Structure
- Municipal Boundaries
- Study Area
- Preliminary FEMA 100 Year Flood Plain
- * Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.

Scale: 0' 400' 800' 1,600'

Source: New Jersey DEPARTMENT OF ENVIRONMENTAL PROTECTION



19th Street Tie-in

Flood Risk Reduction	
Percent of Population with Coastal Storm Surge Risk Reduction Benefits	86%
Potential to Adapt to Higher Coastal Flood Event (2-knot and Sea Level Rise)	Red
Rainfall	Green

15th Street to Washington Street

Built Environment	
View Corridors	Yellow
Waterfront Access	Green
Potential Community Benefits	Yellow
Connectivity/Circulation	Yellow
Environmental Justice Populations	Yellow

Observer Highway

Construction/Maintenance & Operation	
Constructability	Green
Construction Duration	Green
Maintenance and Operation for Overall System	Green

Jersey Avenue Underpass

Environmental Impacts	
Potential Hazardous Waste Sites (Resist Only)	38
Wetlands	No
Essential Fish Habitat	No
Threatened and Endangered Species	No
Army Corp. Permits	No
Historic Properties	Yes
Archaeological Resources	Yellow

Benefit/Cost Analysis	
Benefits	High
Costs	Lower
Benefit/Cost Ratio	Yellow

• RESIST • DELAY • STORE • DISCHARGE •

ALTERNATIVE 3

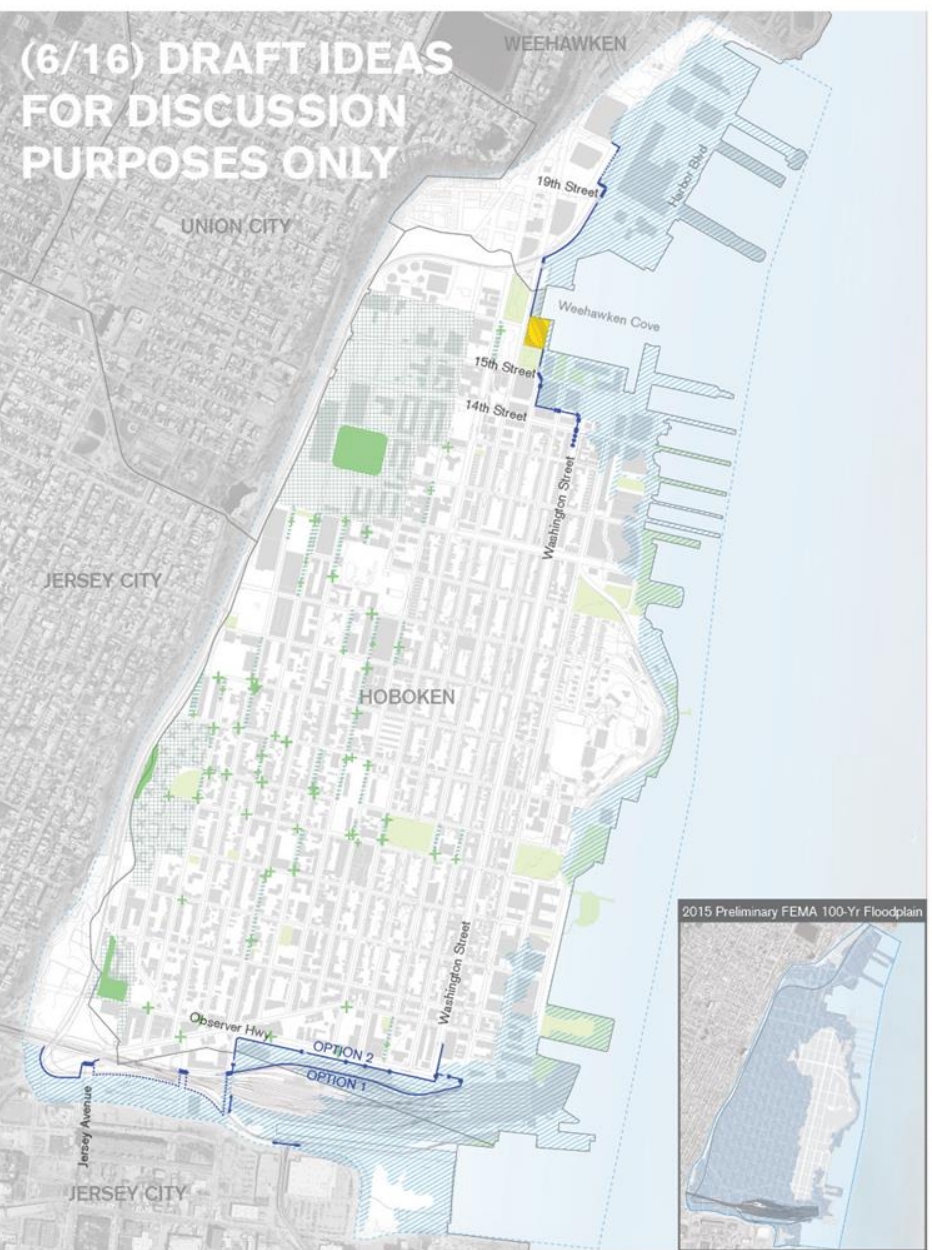
Resist alignment which provides storm surge risk reduction benefits using alleyway easement.

- 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:

- Stormwater Tank
- Stormwater Tank Bump-out
- Multipurpose Stormwater Facilities
- Pumps
- Existing Structure
- Municipal Boundaries
- Study Area
- Preliminary FEMA 100 Year Flood Plain

* Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.



19th Street Tie-in

Alley to Washington Street

Observer Highway

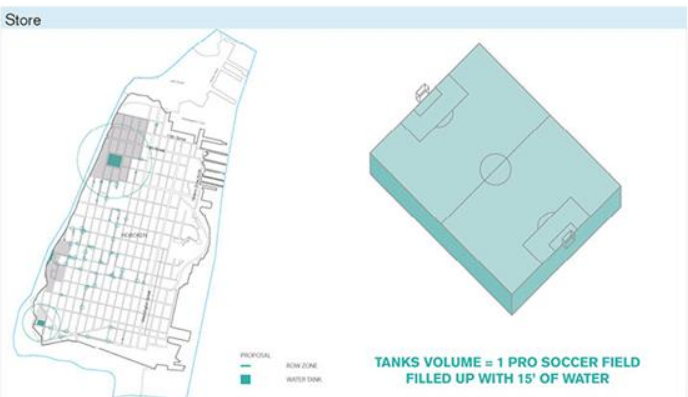
Jersey Avenue Underpass

Flood Risk Reduction	
Percent of Population with Coastal Storm Surge Risk Reduction Benefits	85%
Potential to Adapt to Higher Coastal Flood Event (2,400' and Sea Level Rise)	Red
Rainfall	Green
Built Environment	
View Corridors	Yellow
Waterfront Access	Green
Potential Community Benefits	Red
Connectivity/Circulation	Yellow
Environmental Justice Populations	Yellow
Construction/ Maintenance & Operation	
Constructability	Green
Construction Duration	Green
Maintenance and Operation for Overall System	Green
Environmental Impacts	
Potential Hazardous Waste Sites (Resist Only)	32
Wetlands	Yes
Essential Fish Habitat	No
Threatened and Endangered Species	No
Army Corp. Permits	No
Historic Properties	Yes
Archaeological Resources	Yellow
Benefit/Cost Analysis	
Benefits	High
Costs	Lowest
Benefit/Cost Ratio	Green

• RESIST • DELAY • STORE • DISCHARGE •

DELAY
STORE
DISCHARGE

OVERALL STRATEGY



Urban Design



Study Area

3 Cities

- Approximately 62,500 Residents
- 1,020 Acres

- Commuter Node
Hoboken Terminal

-Utilities

North Hudson Sewage Authority (NHSA)
Public Service Enterprise Group (PSEG)
United Water
Verizon
Cablevision



City-wide Interventions

Resist

- Alternative 1
- Alternative 2
- Alternative 3

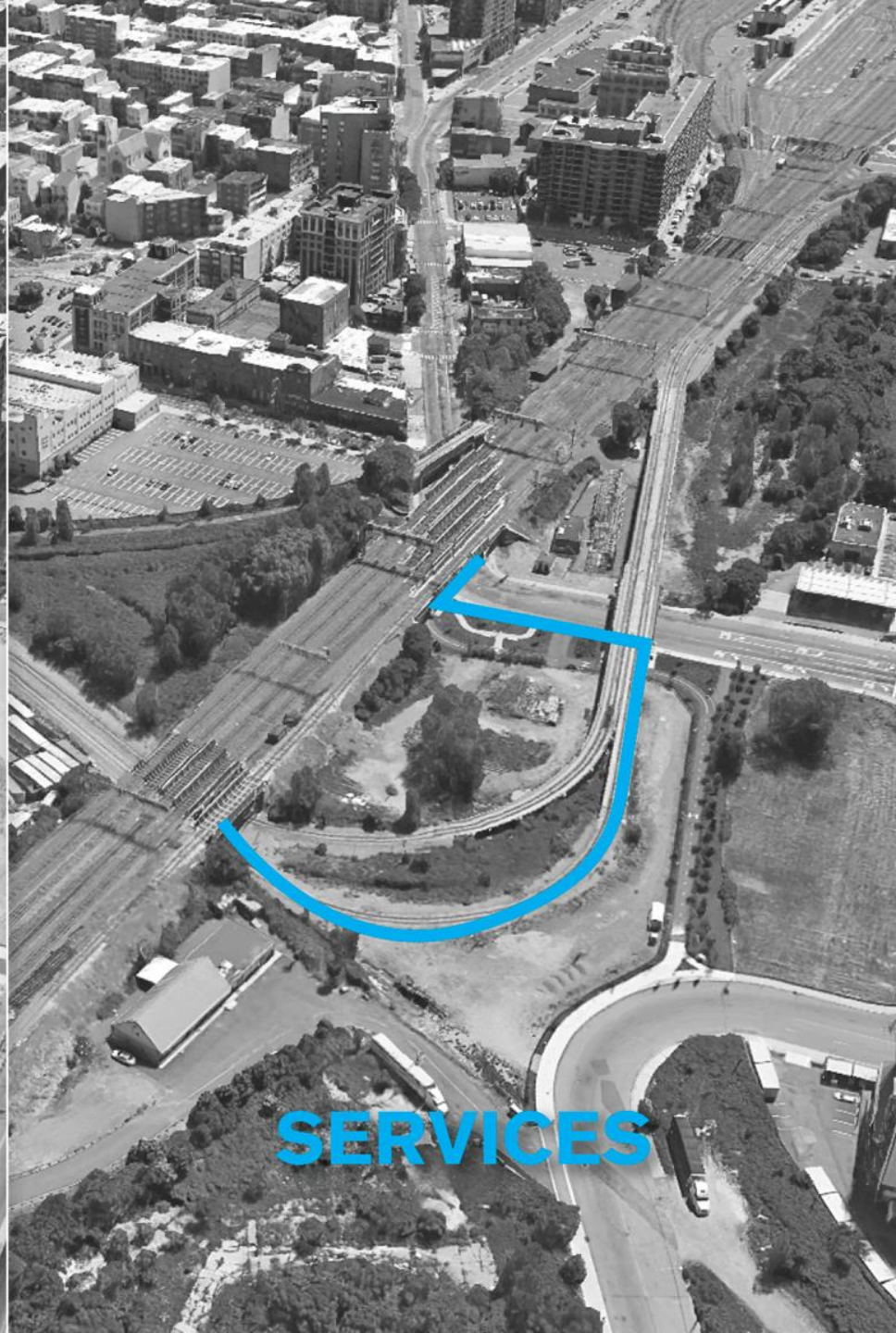
Delay, Store, Discharge

- Large Sites
- Public Right of Way Sites



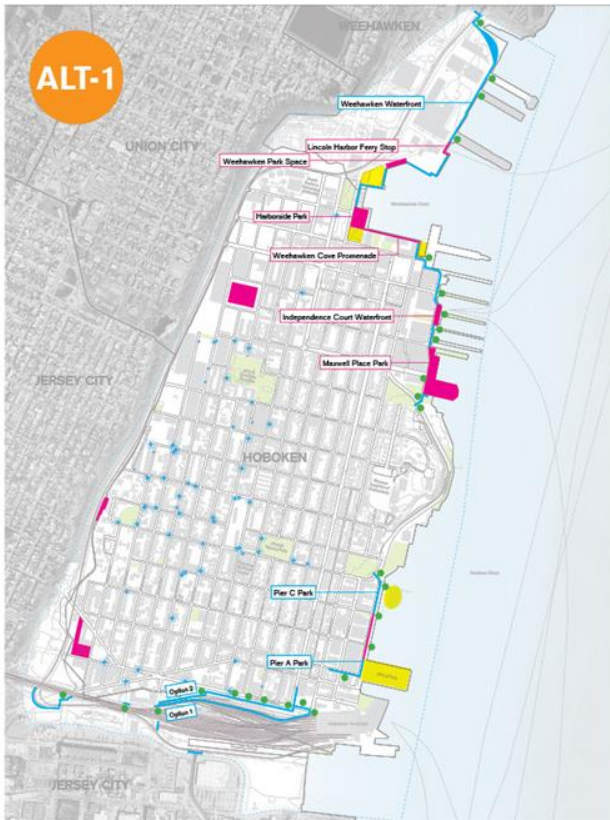


PLACE MAKING



SERVICES

Alignment Activity

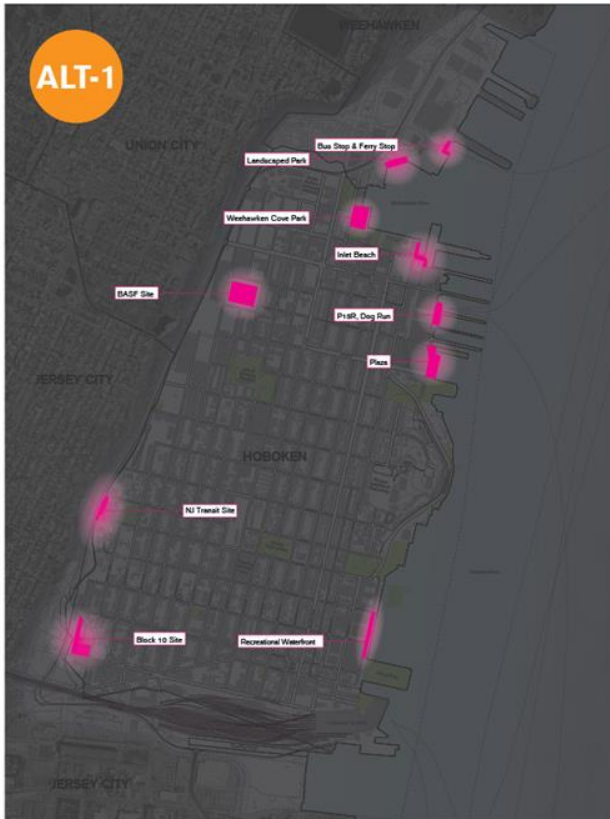


Regions

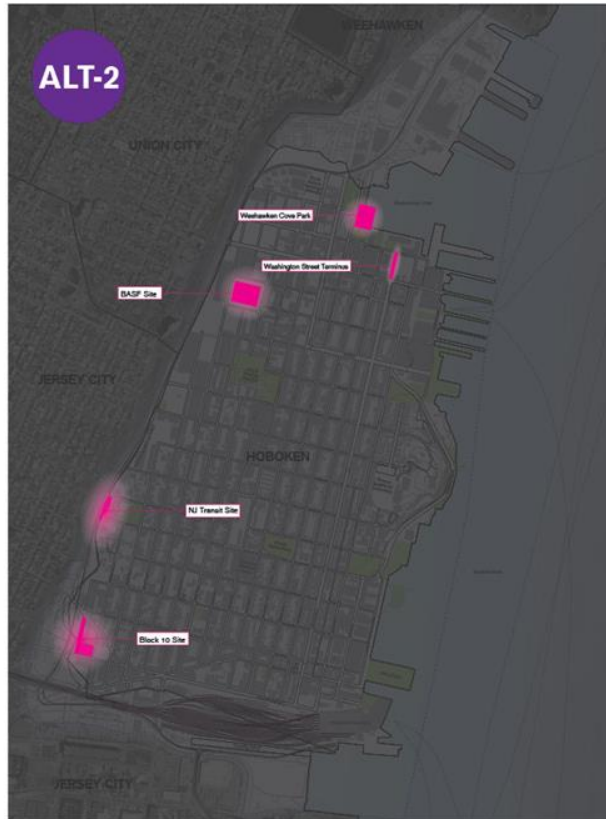
- Activation Design - Public spaces, with greatest opportunity for designing community amenities, programming, and place making.
- Passive Design - Publicly visible spaces, facade treatments and minimally designed structures to provide resist and communal services.
- Programming Design - Programming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

Places

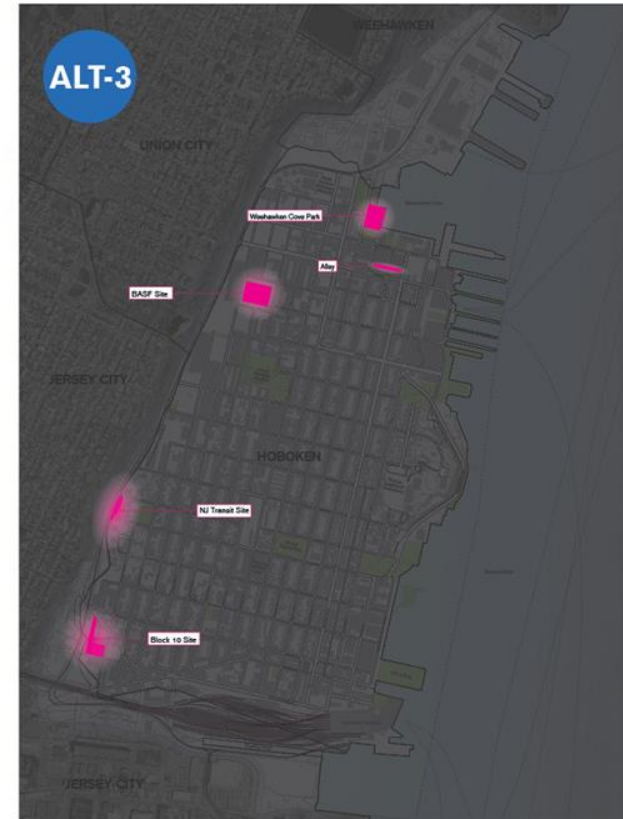
ALT-1



ALT-2

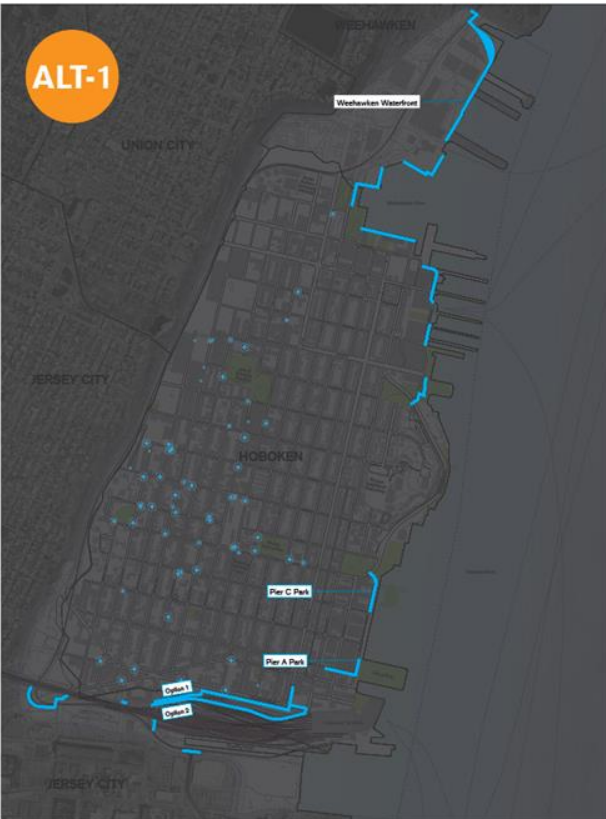


ALT-3

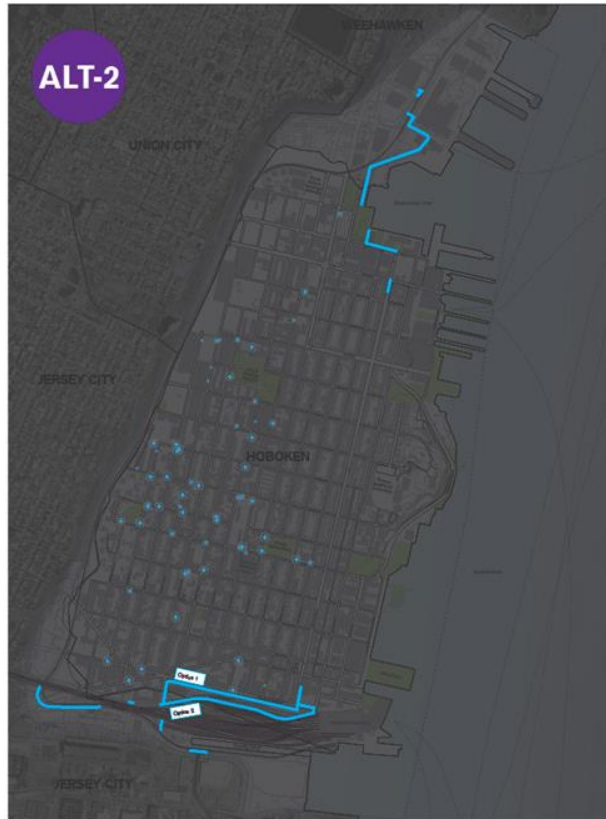


Services

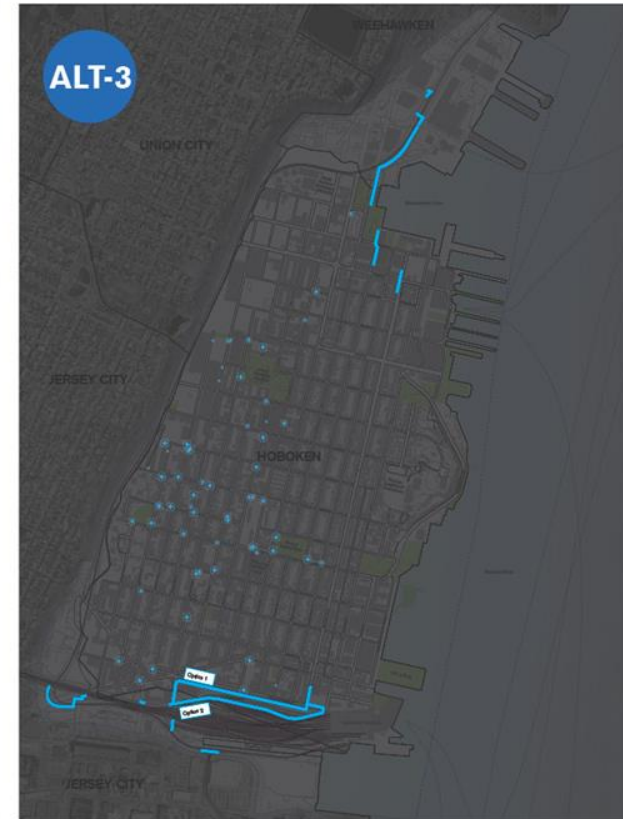
ALT-1



ALT-2



ALT-3



(6/16/16) DRAFT FOR DISCUSSION PURPOSES ONLY

Resist Toolkit

Toolkit - Performative Barrier

Technical Performance + Urban Performance

How does it perform as **flood protection**?

Height Performance

Construction Method

Scouring Performance

What **urban amenities** does it need to provide?

Context Integration

Functionality

Look & Feel



Toolkit - Morph with Context

The height of the barrier and its ability to expand or contract is determined based on its location in the study area.

CEILING

6'-8" – 13'

EYE-LEVEL

4'-2" – 6'-8"

TABLE

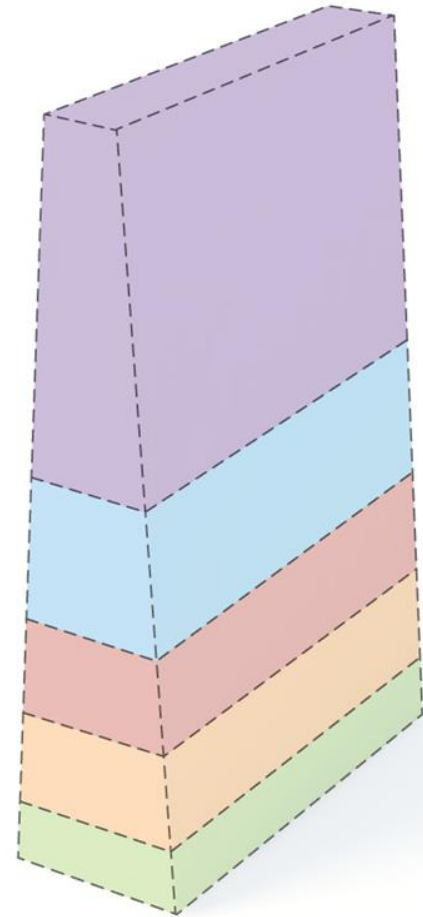
3' – 4'-2"

CHAIR

1' – 3'

GROUND

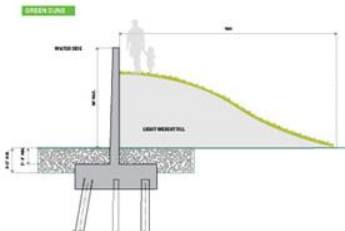
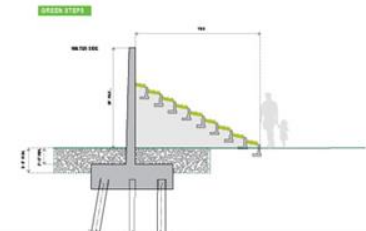
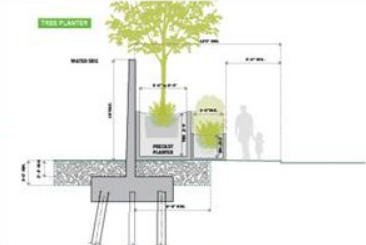
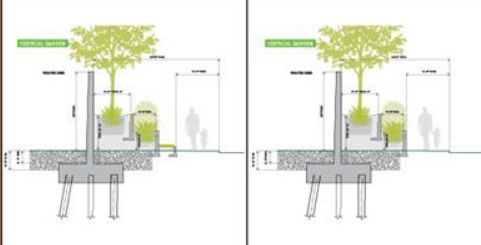
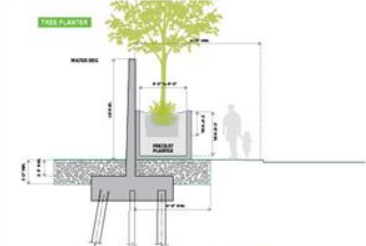
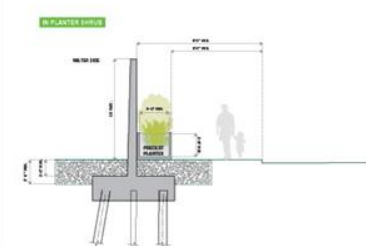
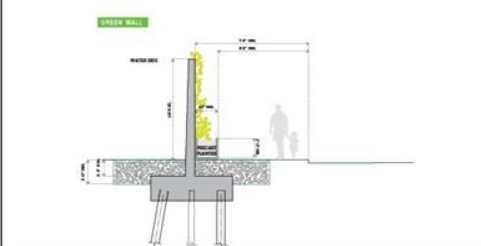
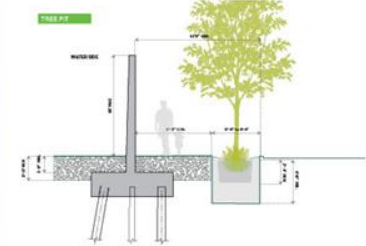
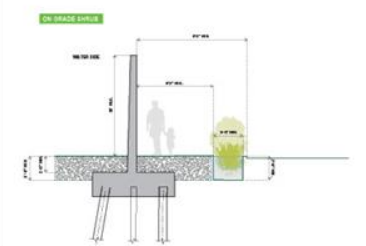
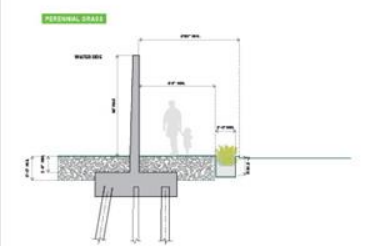
0' – 1'



Toolkit - Amenity Matrix

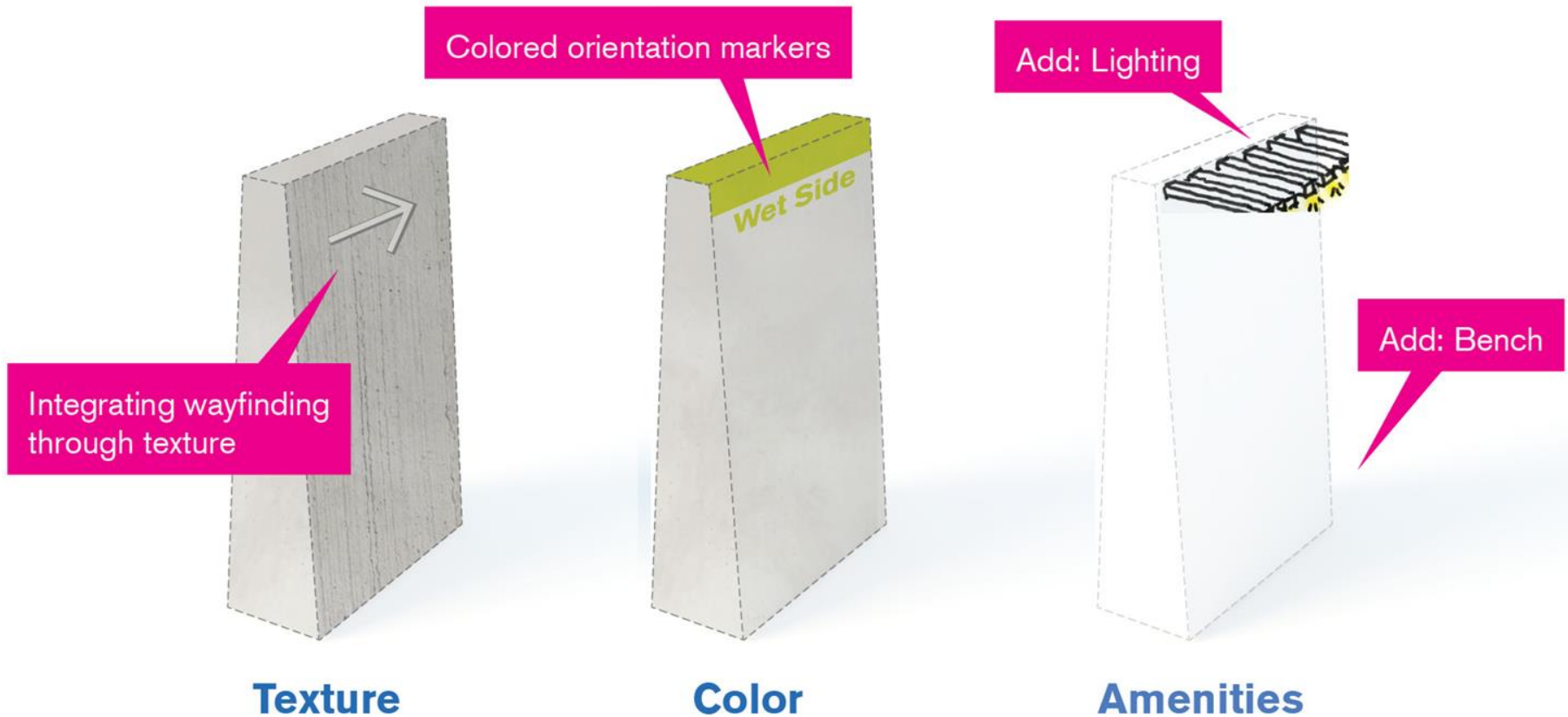
Functions		Bike Storage	Seat	Table	Garbage	Wayfinding	Canopy	Light	Services
Heights	Ceiling (6'-8" - 13')								
	Eye-Level (4'-2" - 6'-8")								
	Table (3' - 4'-2")								
	Seat (1' - 3')								
	Ground (0' - 1')								

Toolkit - Planting Matrix

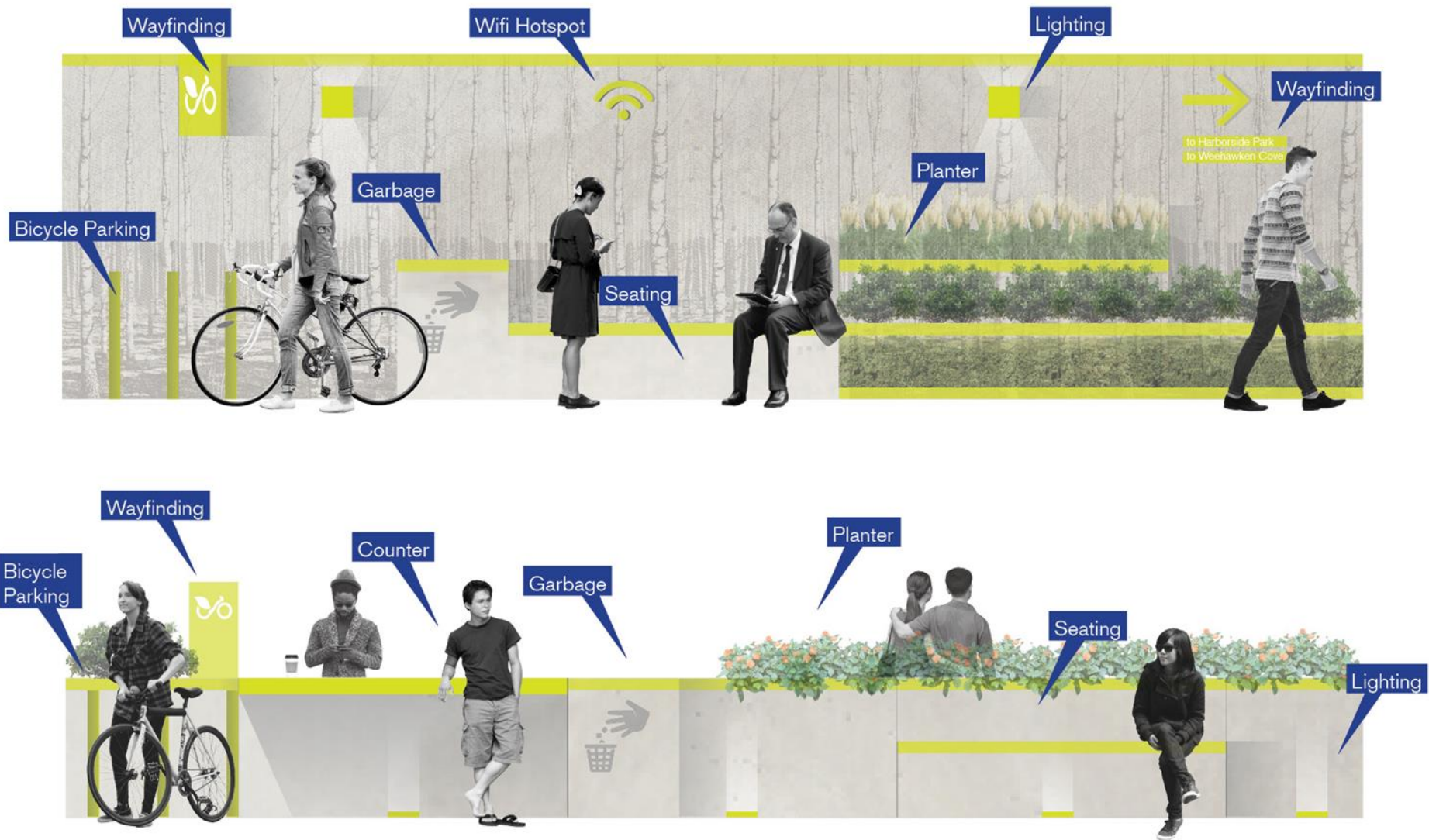
Planting		Tree	Shrub	Grass	Mixed
Heights	Enfolded				
	Stepped				
	In Planter				
	Sidewalk				

Toolkit - Application and Activation

Application of texture and color creates visual interest while establishing identity and variety along the barrier, and integrating urban amenities strategically along the barrier encourages community interaction.



Toolkit



Design Zones



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**

NJ Transit Site

DSD - Alternative **1, 2, 3**

Block 10 Site

DSD - Alternative **1, 2, 3**

Zone 5 — South Waterfront

Alternative **1** Only

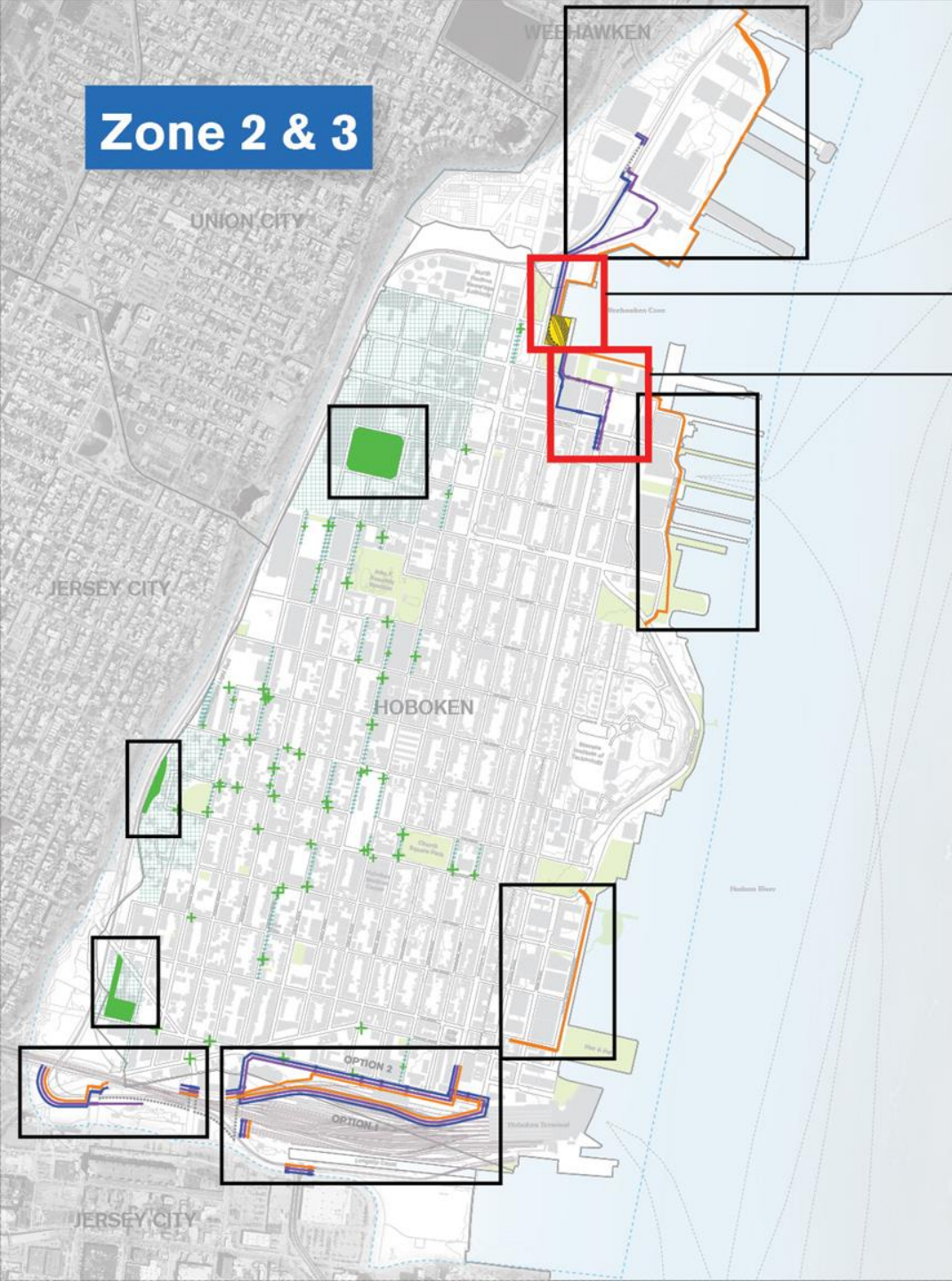
Zone 6 — Observer Highway

Alternative **1, 2, 3** @ Street or along rails

Zone 7 — Jersey Avenue Underpass

Alternative **1, 2, 3** @ Underpass

Zone 2 & 3



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.

Harborside Park

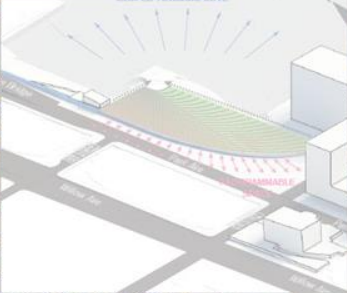
ALT-1

ALT-2

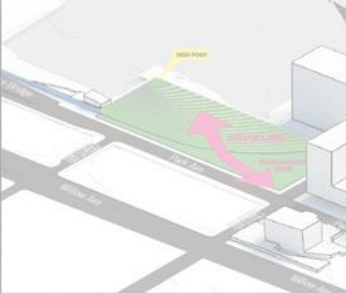
ALT-3

Water Facing

SCULPTED TERRAINING LAWN

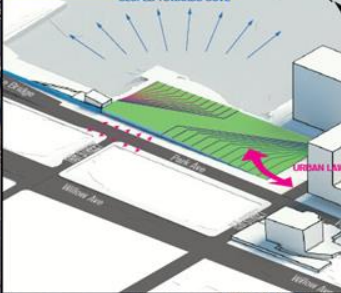


Urban Facing



Multi-Directional

SCULPTED TERRAINING LAWN



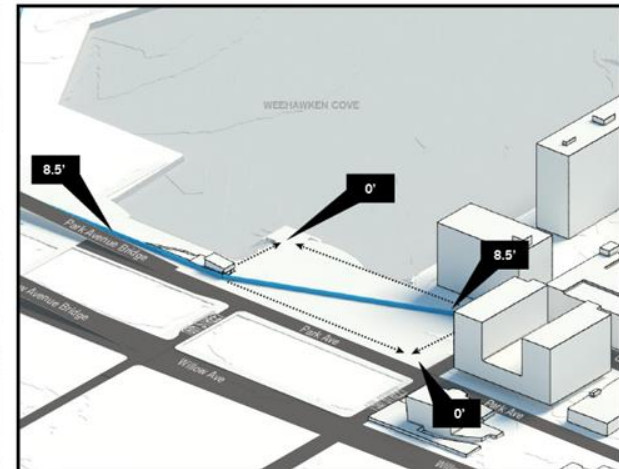
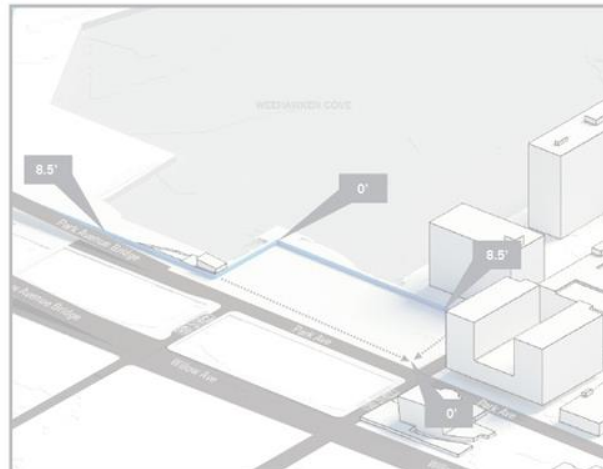
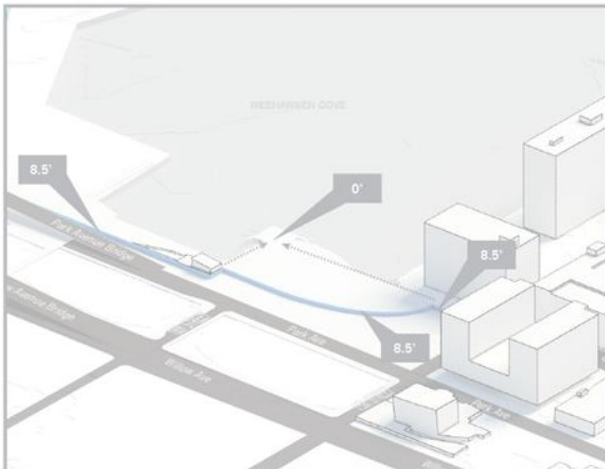
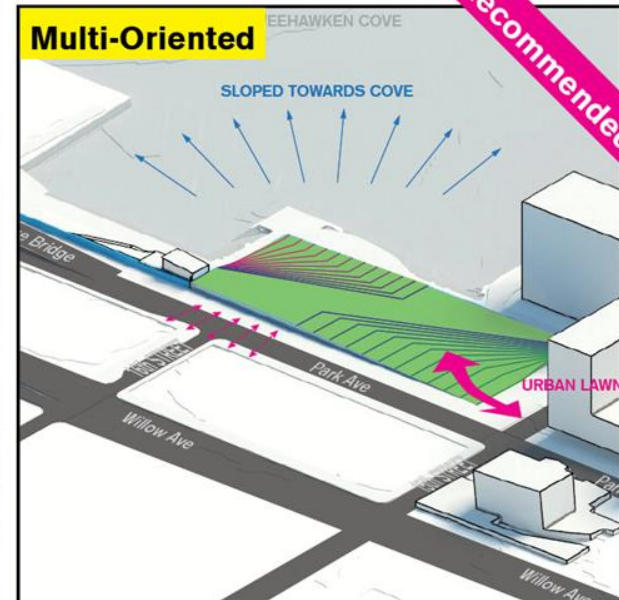
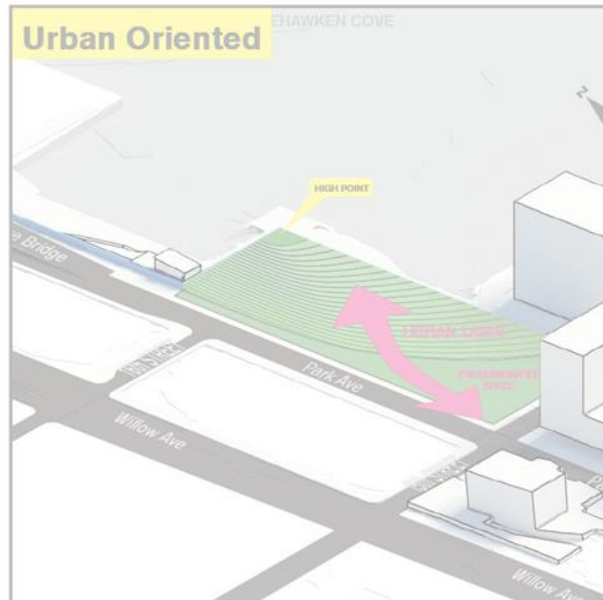
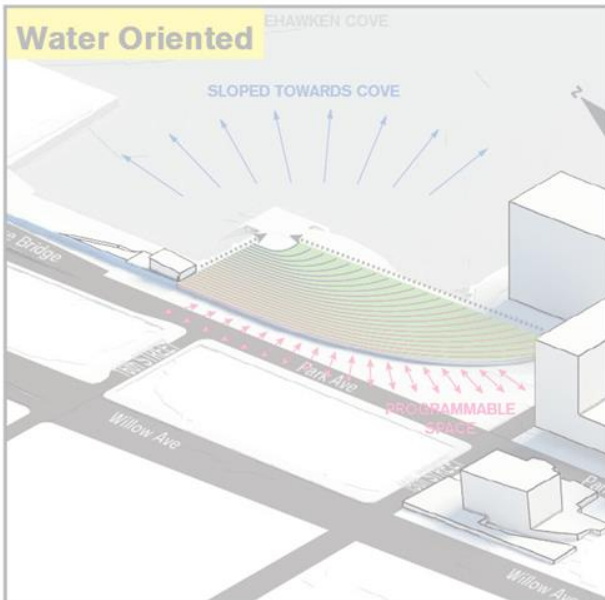
Harborside Park Strategies

ALT-1

ALT-2

ALT-3

Recommended



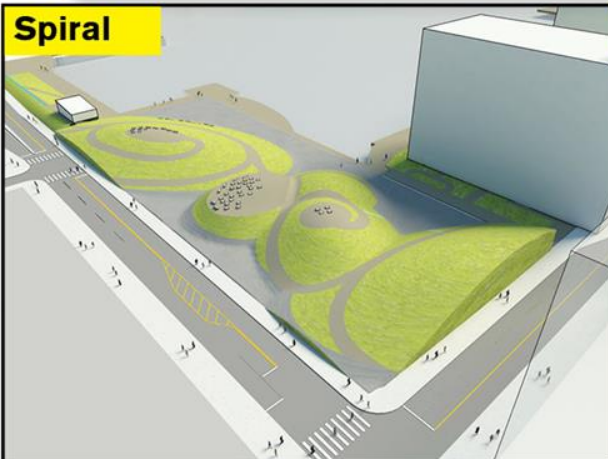
Harborside Park Design Schemes

ALT-1

ALT-2

ALT-3

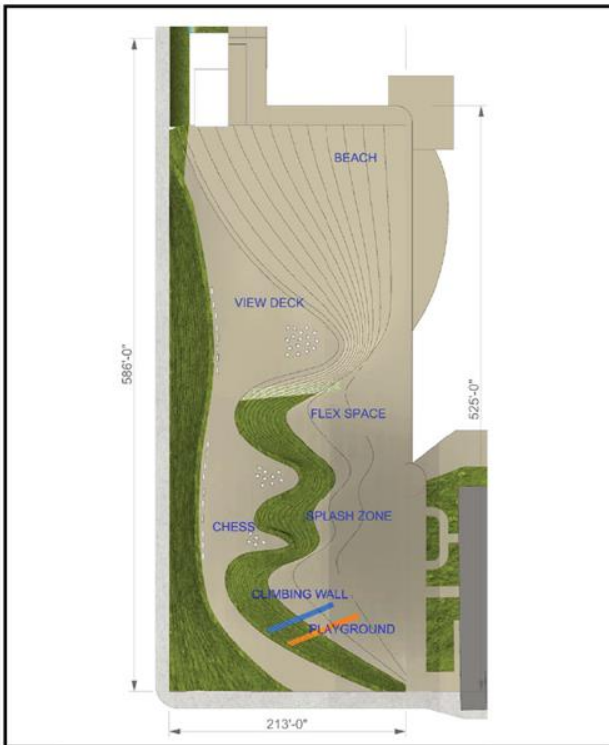
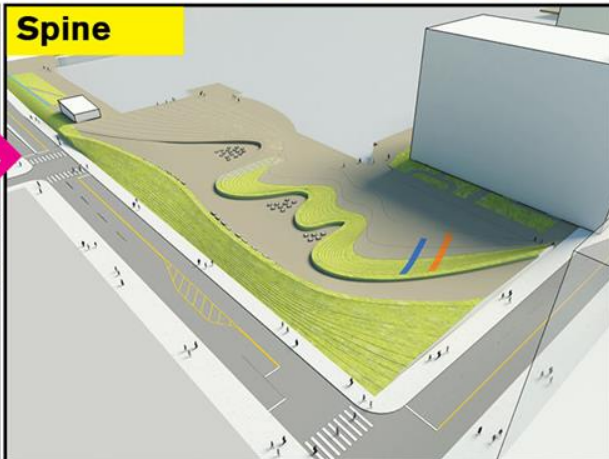
Spiral



Carved



Spine



Spiral

ALT-1

ALT-2

ALT-3

Landscaped



Spiral

ALT-1

ALT-2

ALT-3

Topography



Spiral

ALT-1

ALT-2

ALT-3

Paths and
Gathering Spaces



Spiral



ALT-1 ALT-2 ALT-3



Weehawken Cove

Spiral

ALT-1

ALT-2

ALT-3

Harborside Lofts

Flex Space

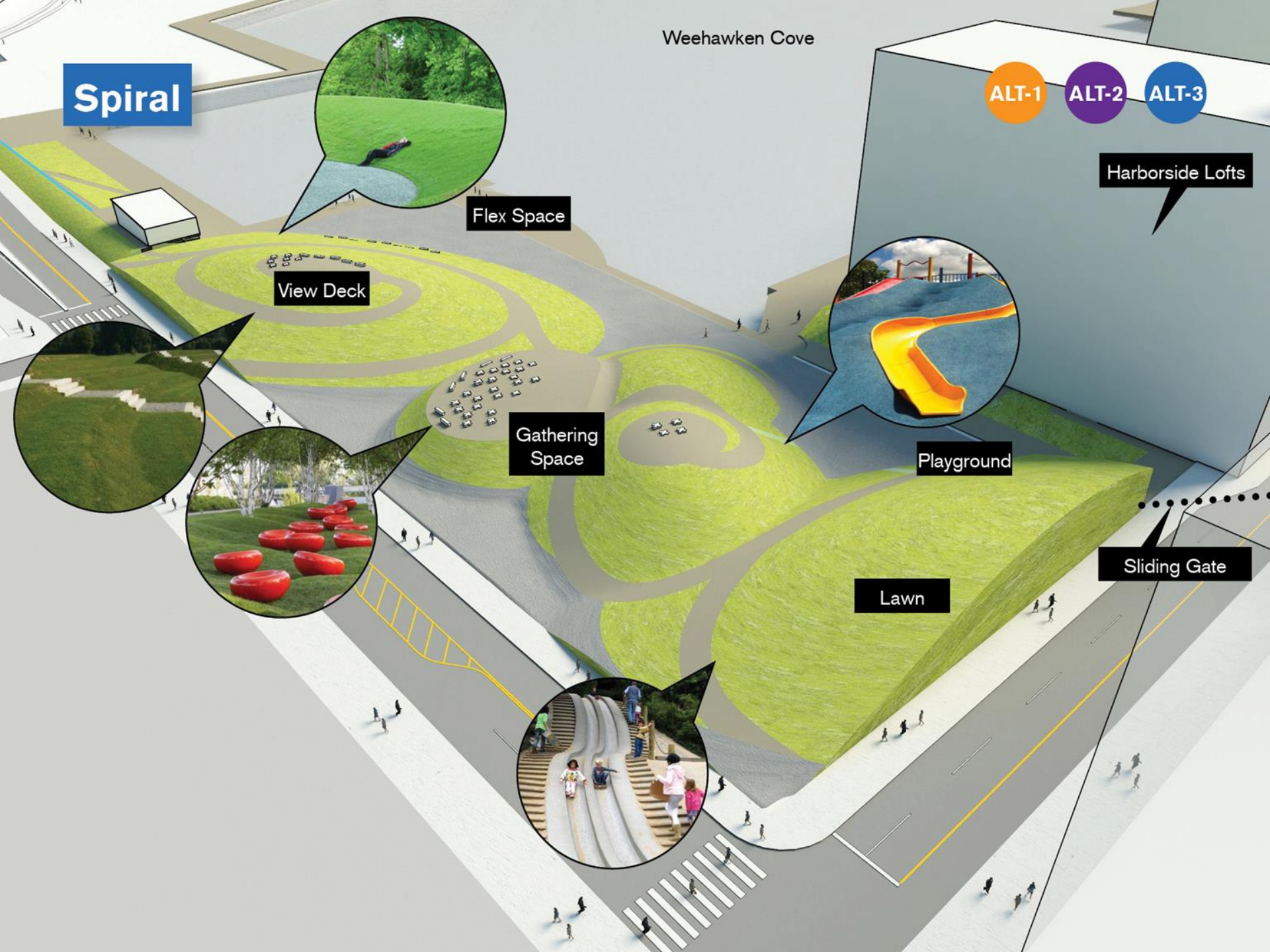
View Deck

Gathering Space

Playground

Lawn

Sliding Gate



Spiral

ALT-1

ALT-2

ALT-3



Carved

ALT-1

ALT-2

ALT-3

Green Space



Carved

ALT-1

ALT-2

ALT-3

Place Programs

VIEW

PLAY

PLAY

SPORT

COURT



Carved

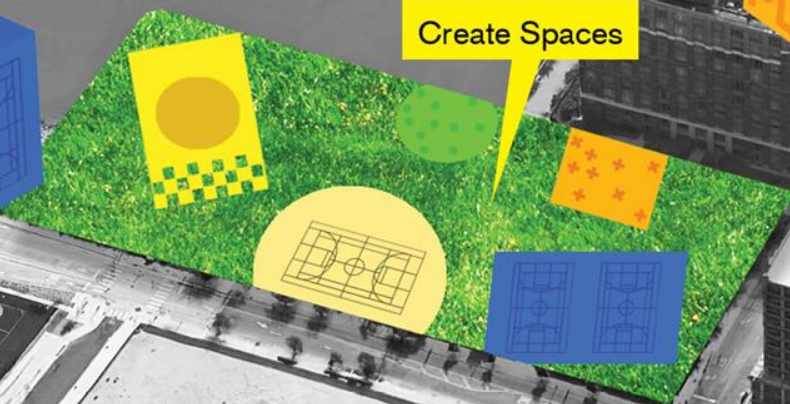
ALT-1

ALT-2

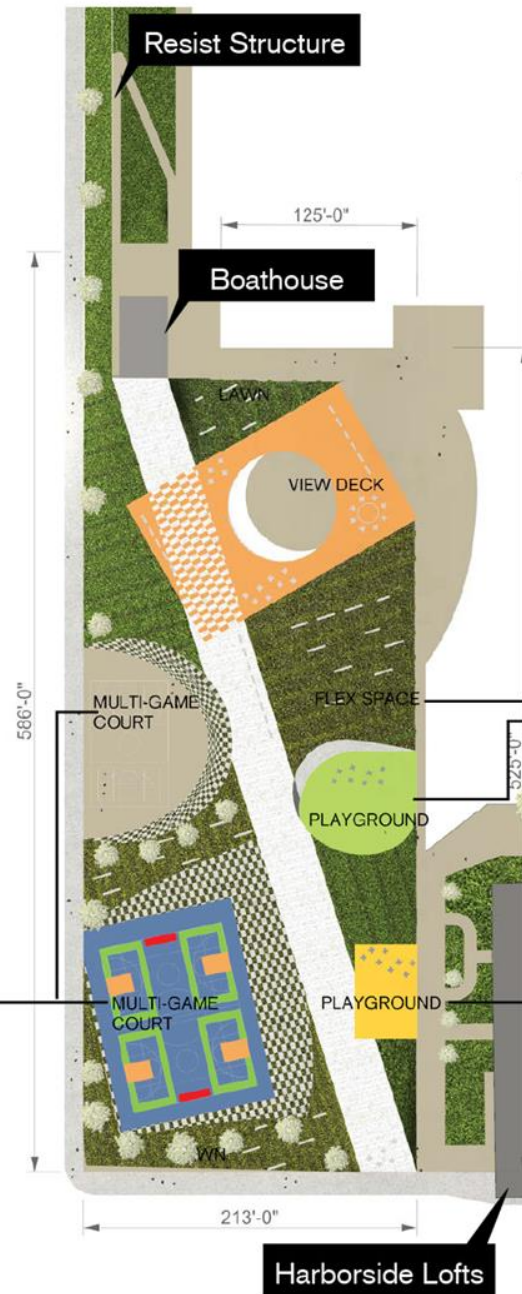
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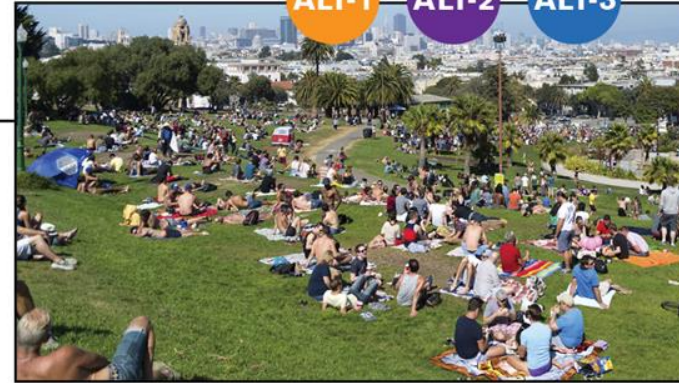
Create Spaces



Carved



ALT-1 ALT-2 ALT-3



Weehawken Cove

Carved

ALT-1

ALT-2

ALT-3

Harborside Lofts

Beach

View Deck

Boathouse

Lawn

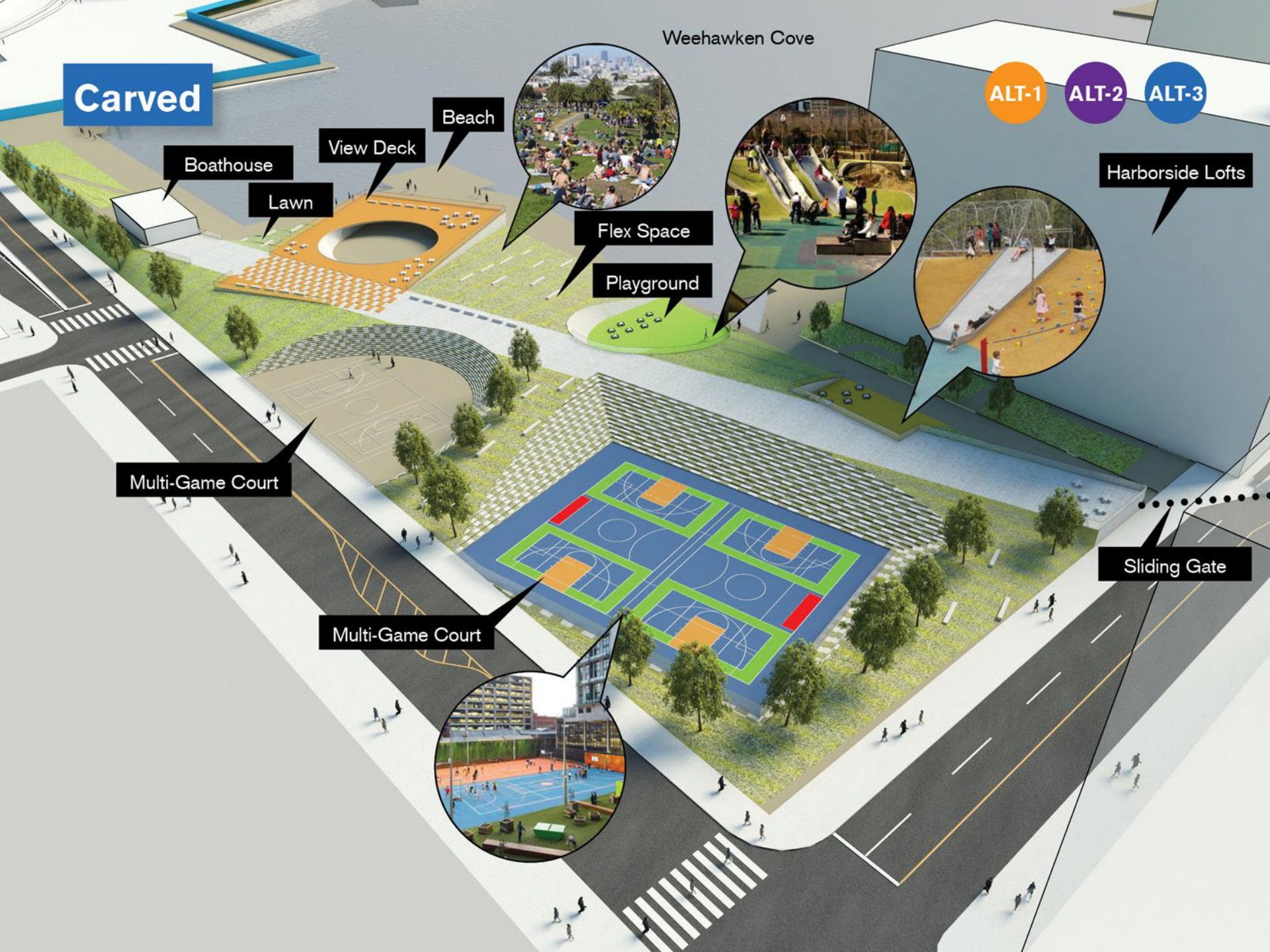
Flex Space

Playground

Multi-Game Court

Multi-Game Court

Sliding Gate



Carved

ALT-1

ALT-2

ALT-3



Spine

ALT-1

ALT-2

ALT-3

Beach Condition



Spine

ALT-1

ALT-2

ALT-3

Wave Shaped Barrier



Spine

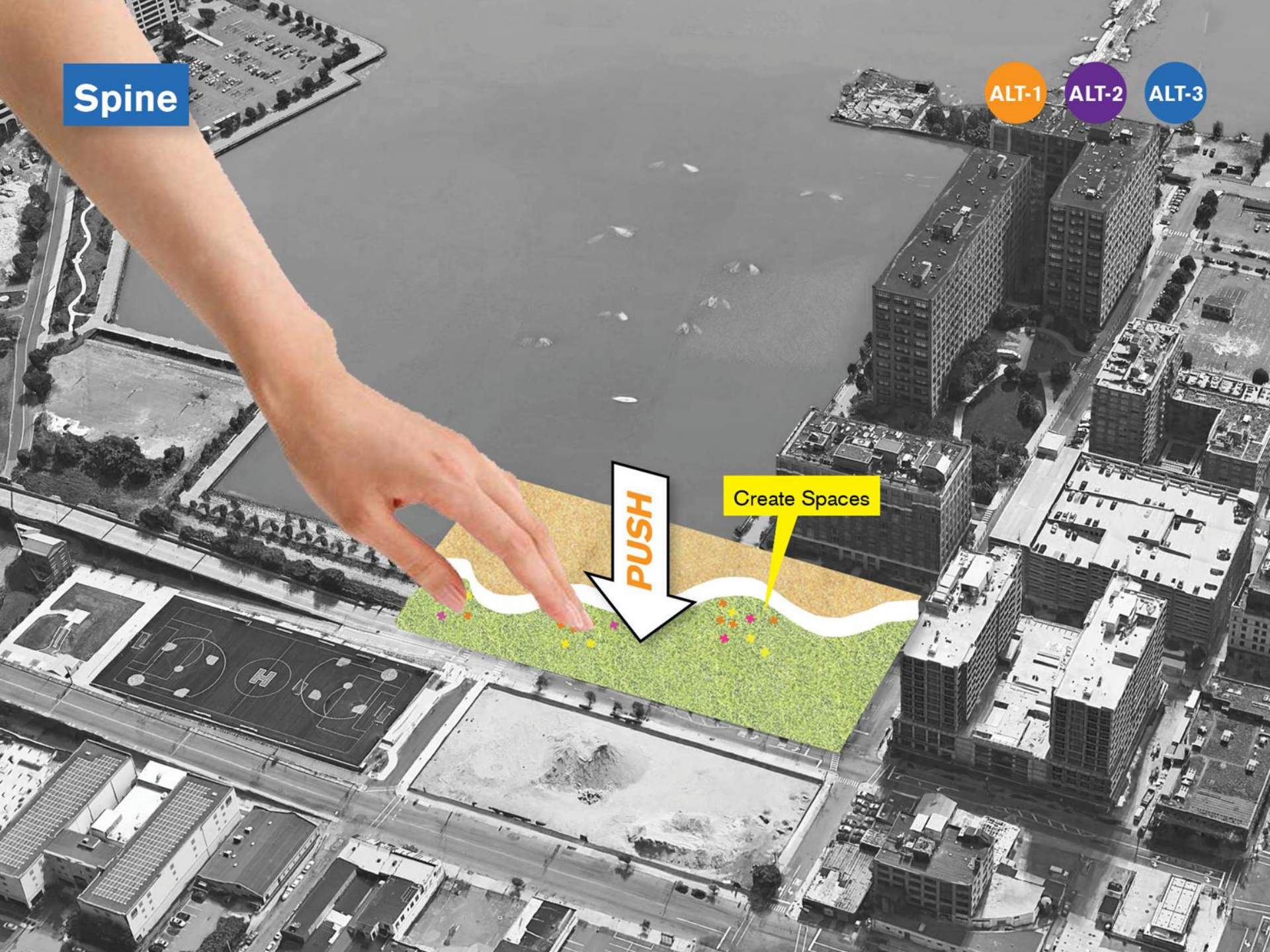
ALT-1

ALT-2

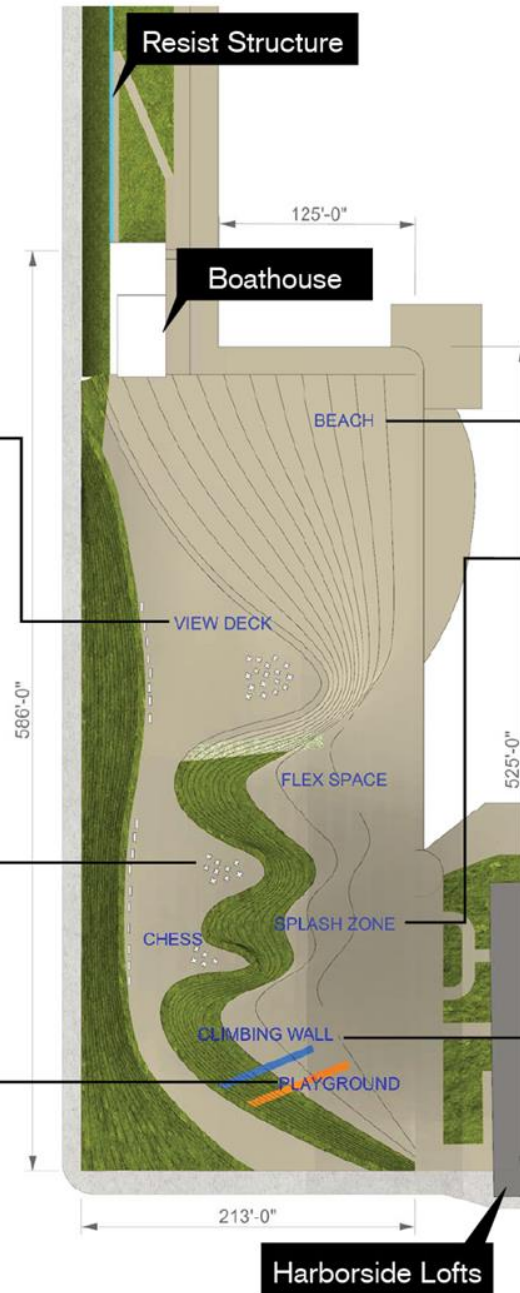
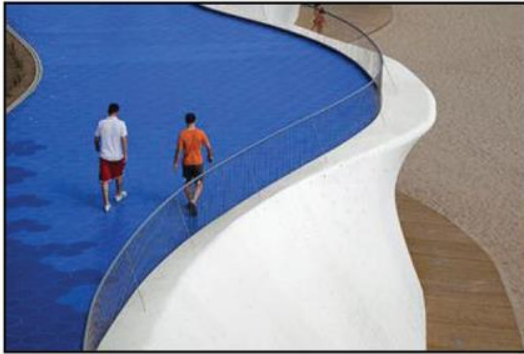
ALT-3

PUSH

Create Spaces



Spine



ALT-1 ALT-2 ALT-3



Weehawken Cove

Spine

ALT-1

ALT-2

ALT-3

Harborside Lofts

Beach

View Deck

Flex Space

Splash Zone

Climbing Wall

Playground

Chess

Sliding Gate



Spine

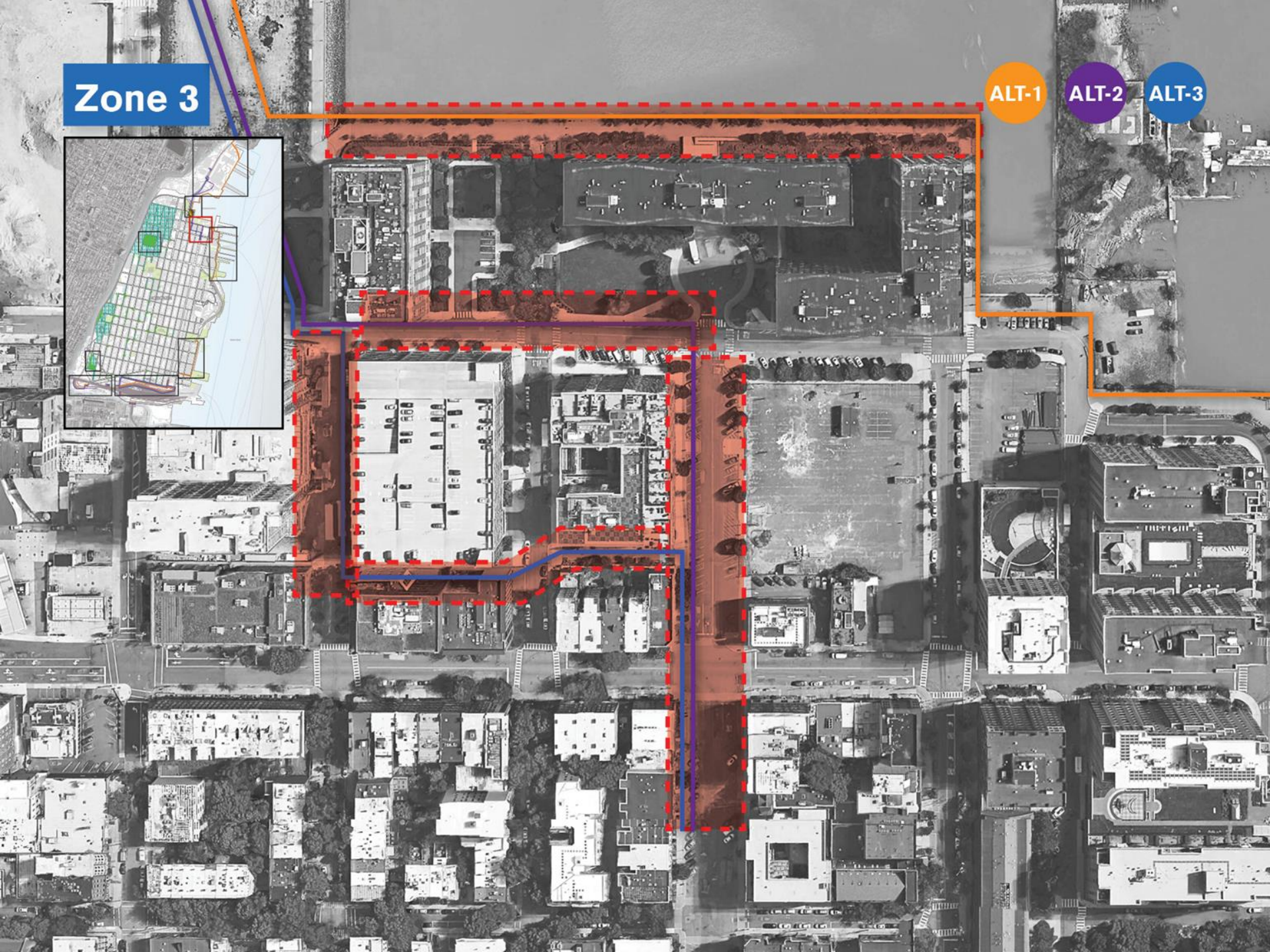


Zone 3

ALT-1

ALT-2

ALT-3



Alt. 1 - Weehawken Cove Promenade

ALT-1

Harborside Lofts

Tea Building



Alt. 1 - Weehawken Cove Promenade

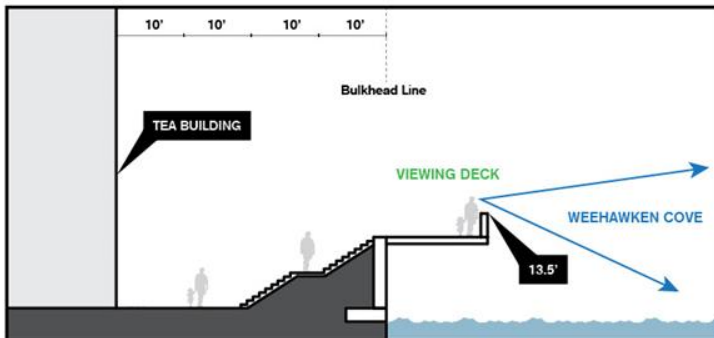
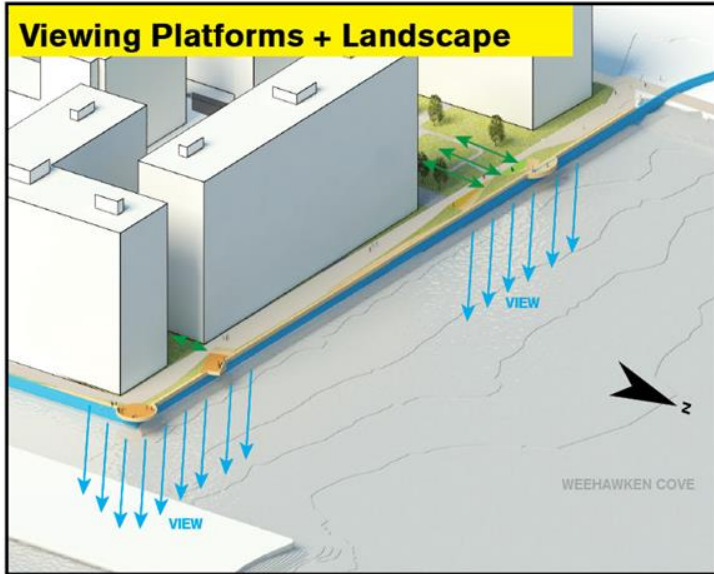
ALT-1



Alt. 1 - Weehawken Cove Promenade

ALT-1

Viewing Platforms + Landscape



Viewing Platforms + Landscape

ALT-1



Alt. 2 - 15th St. and Washington St.

ALT-2

Harborside Lofts

Tea Building

1450 Washington

Parking Garage



Alt. 2 - 15th St.

ALT-2



Sloping Landscape



Consolidated Shoulder

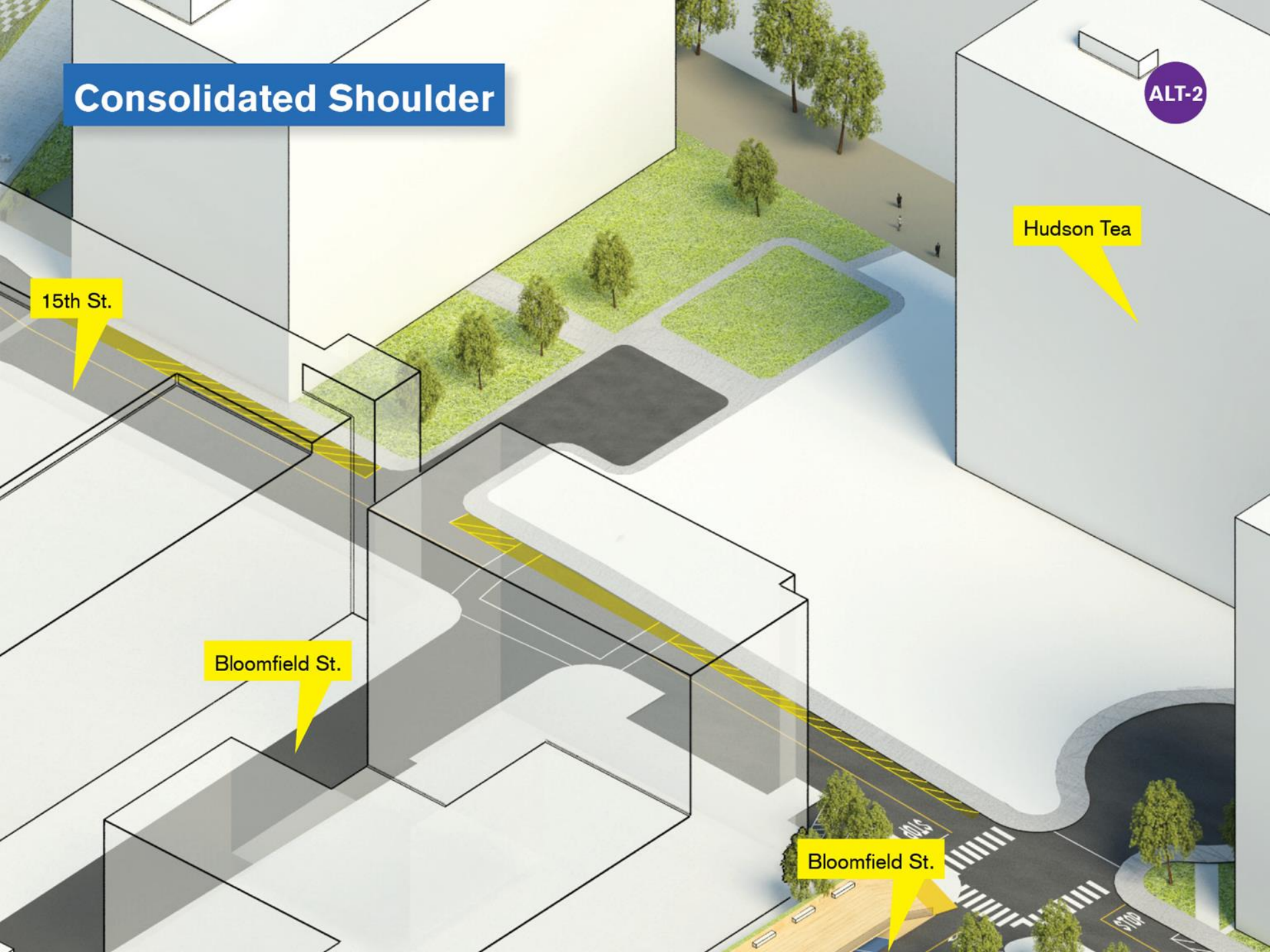
ALT-2

15th St.

Hudson Tea

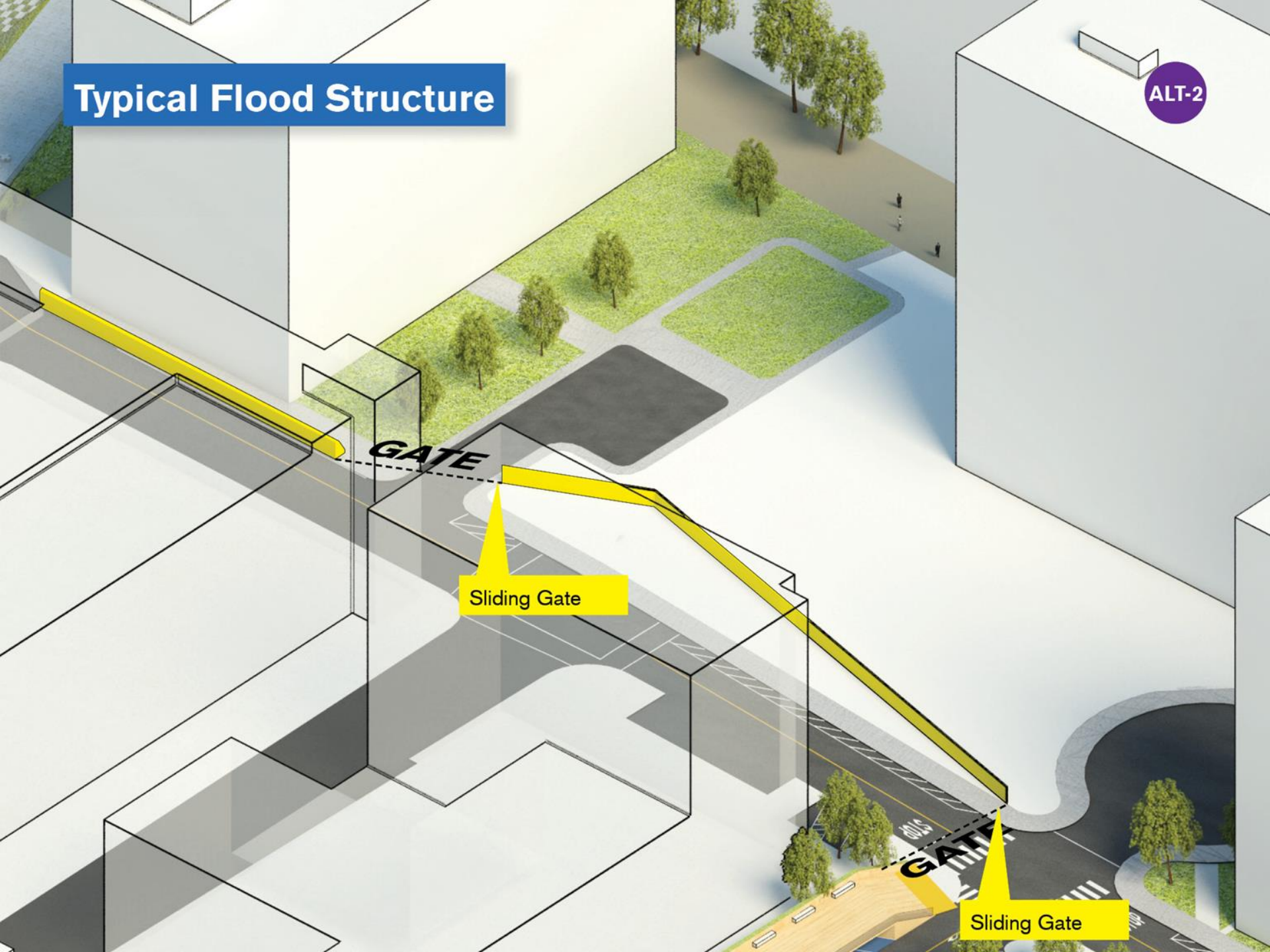
Bloomfield St.

Bloomfield St.



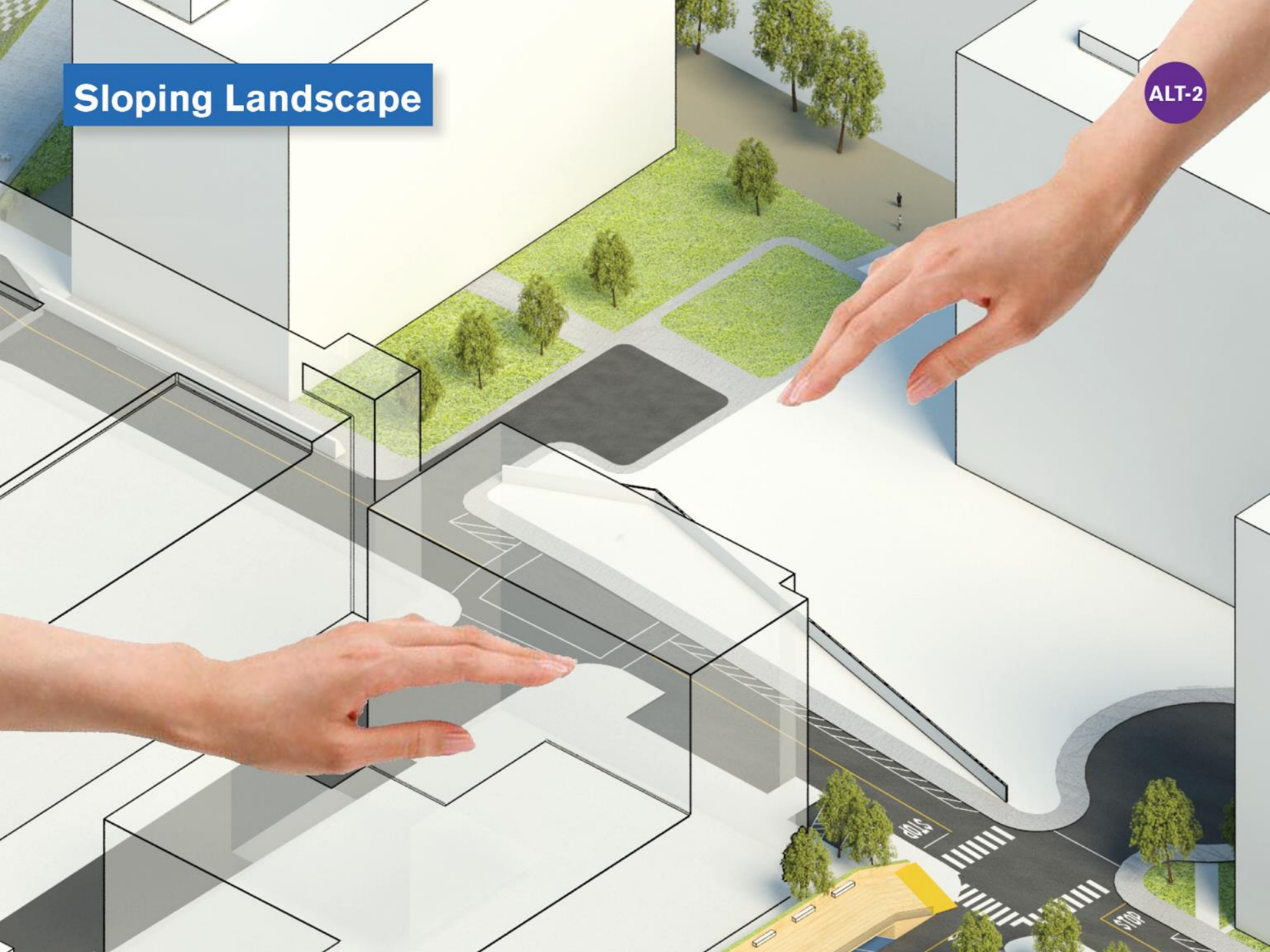
Typical Flood Structure

ALT-2



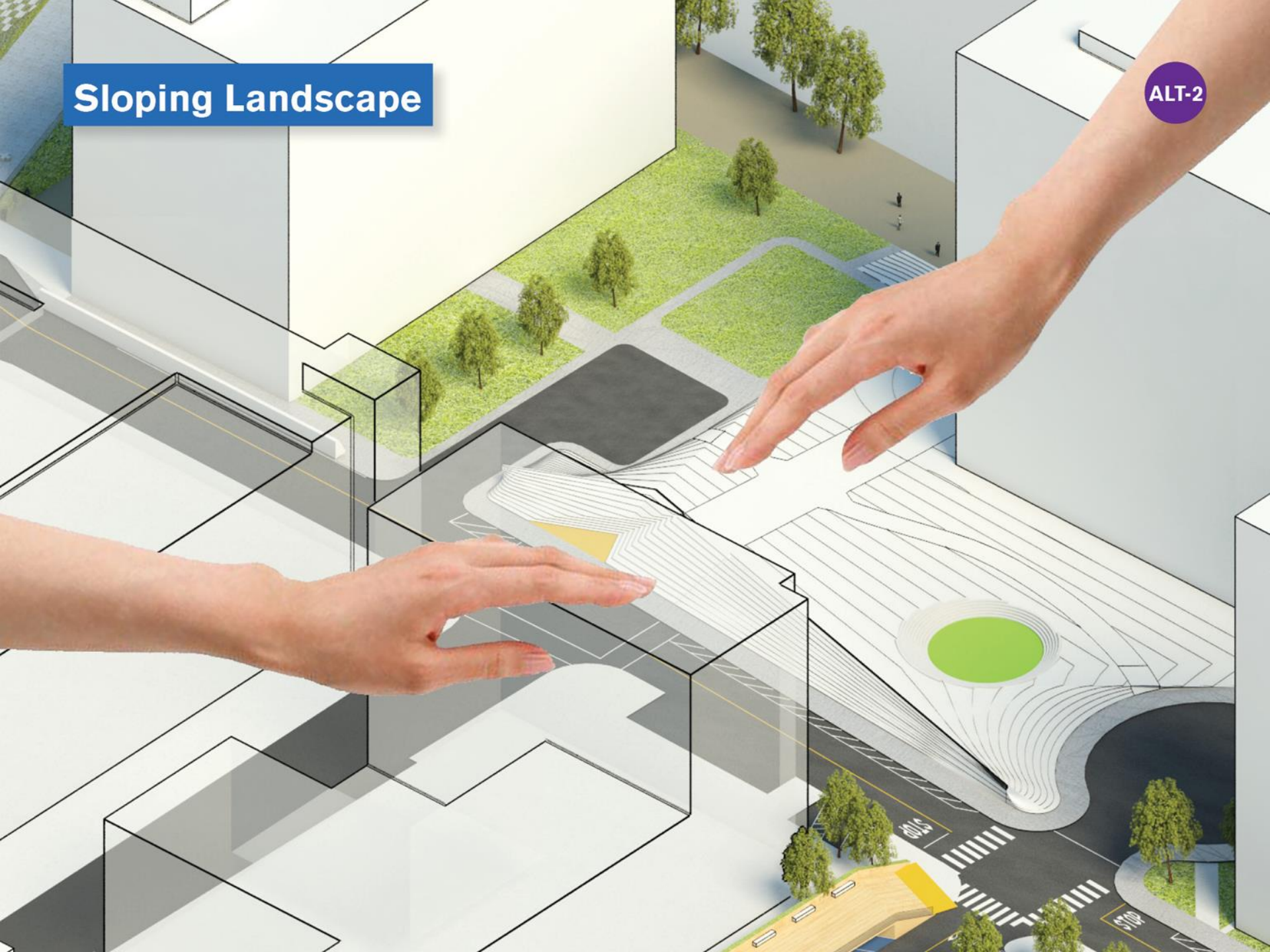
Sloping Landscape

ALT-2



Sloping Landscape

ALT-2



15th St. Landscape

ALT-2

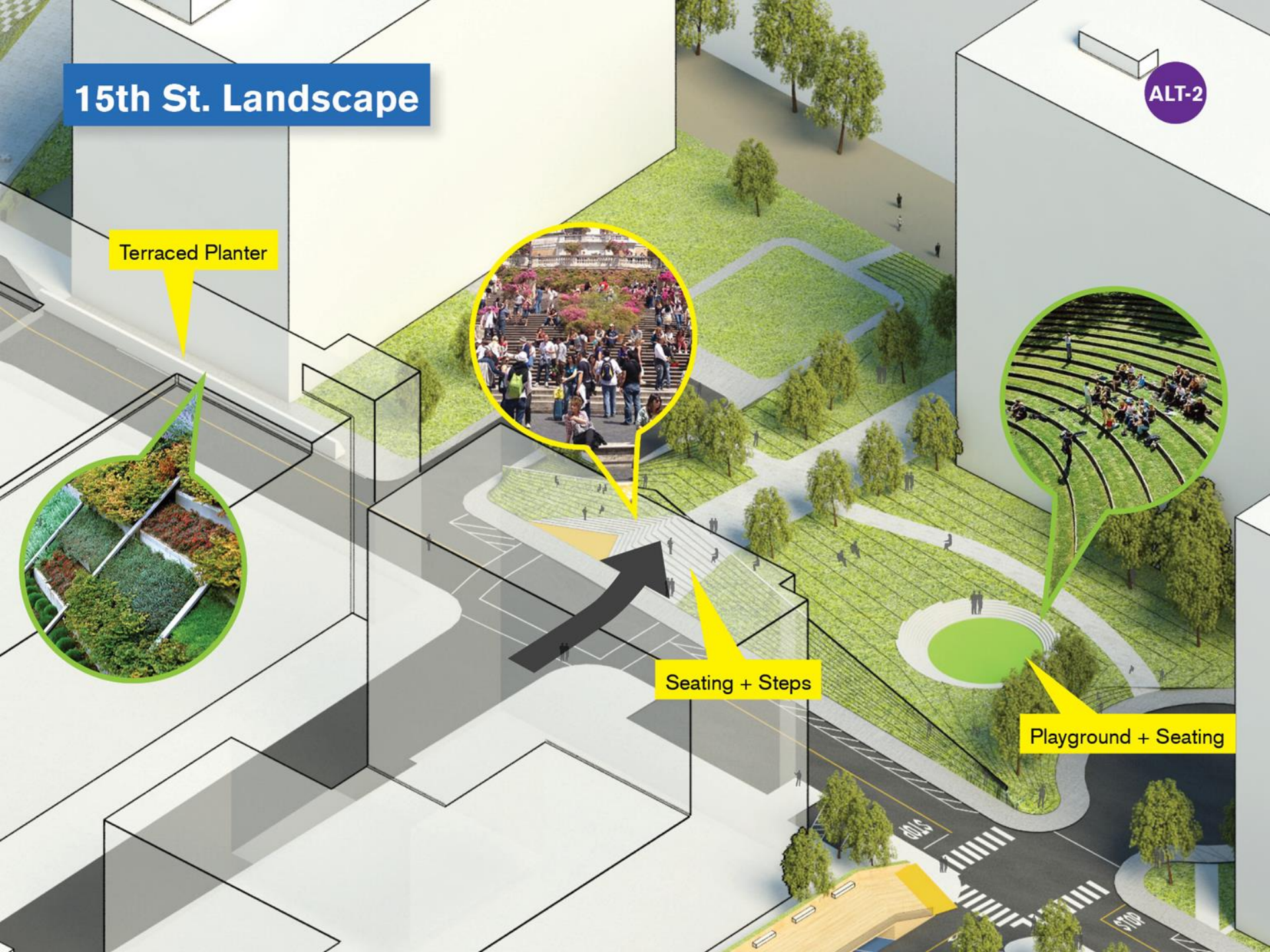
Terraced Planter



Seating + Steps



Playground + Seating



15th St. Landscape

ALT-2



Alt. 2 - Washington Street

ALT-2



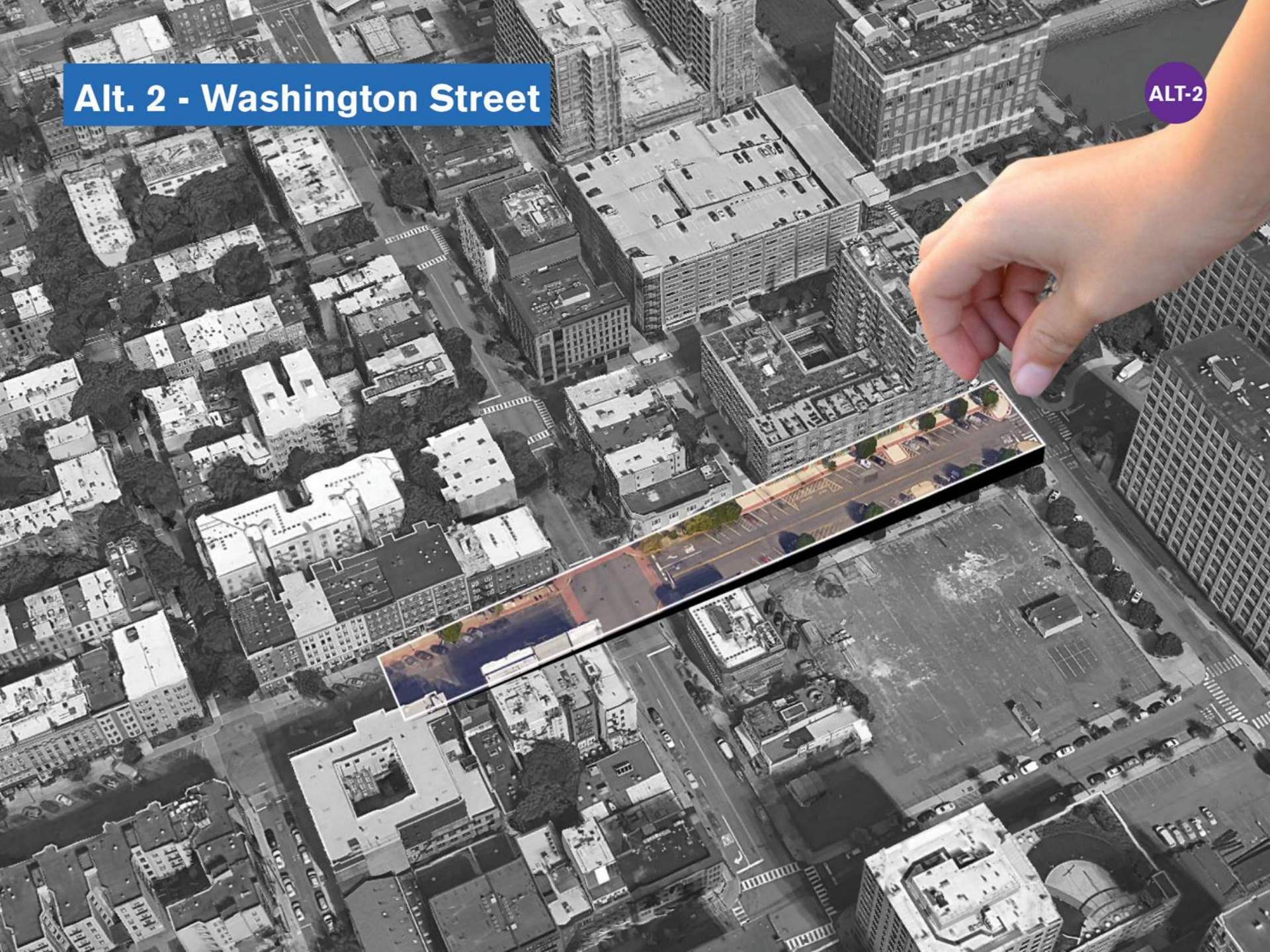
Alt. 2 - Washington Street

ALT-2



Alt. 2 - Washington Street

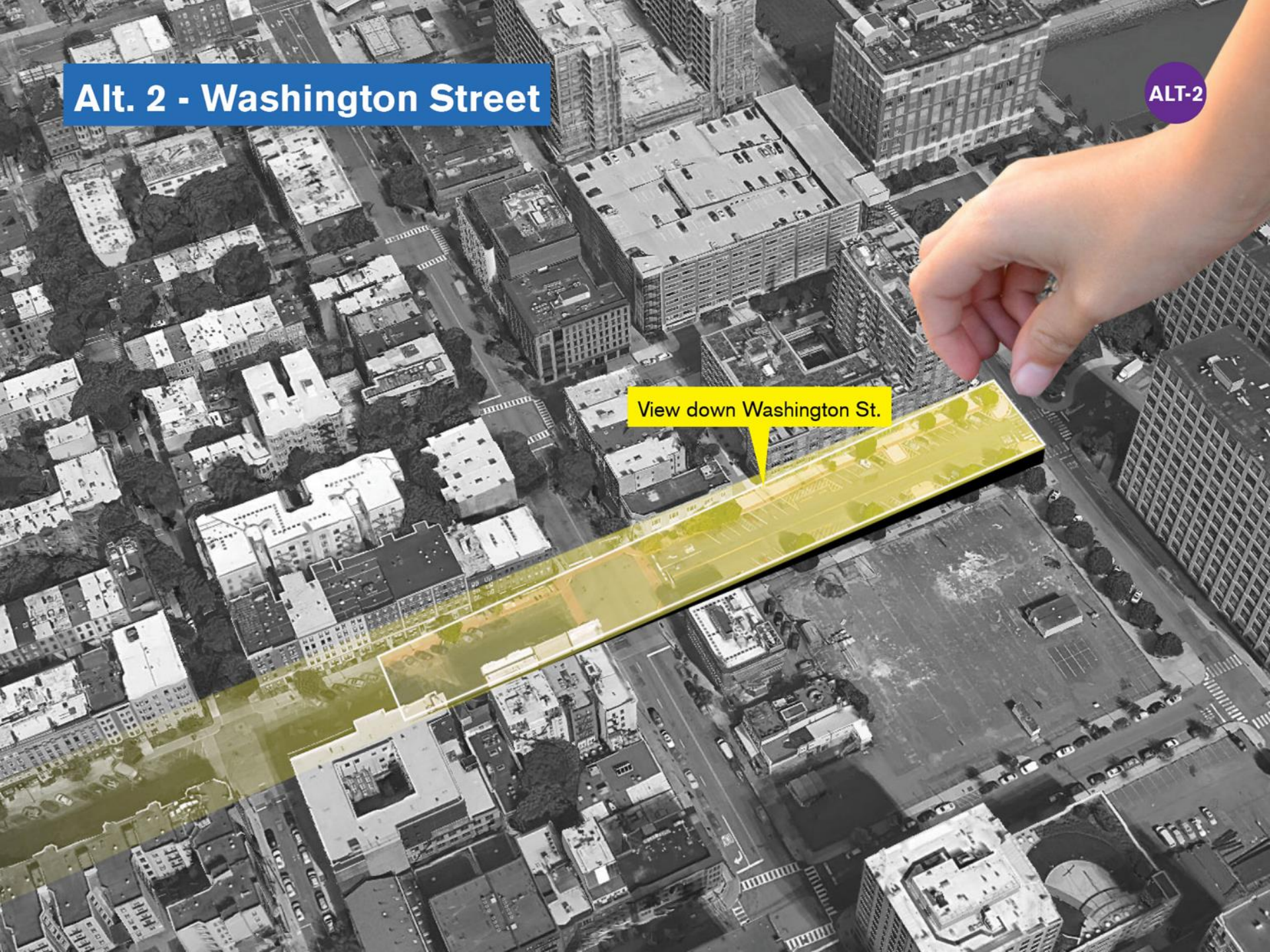
ALT-2



Alt. 2 - Washington Street

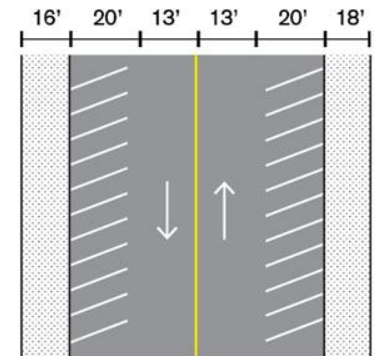
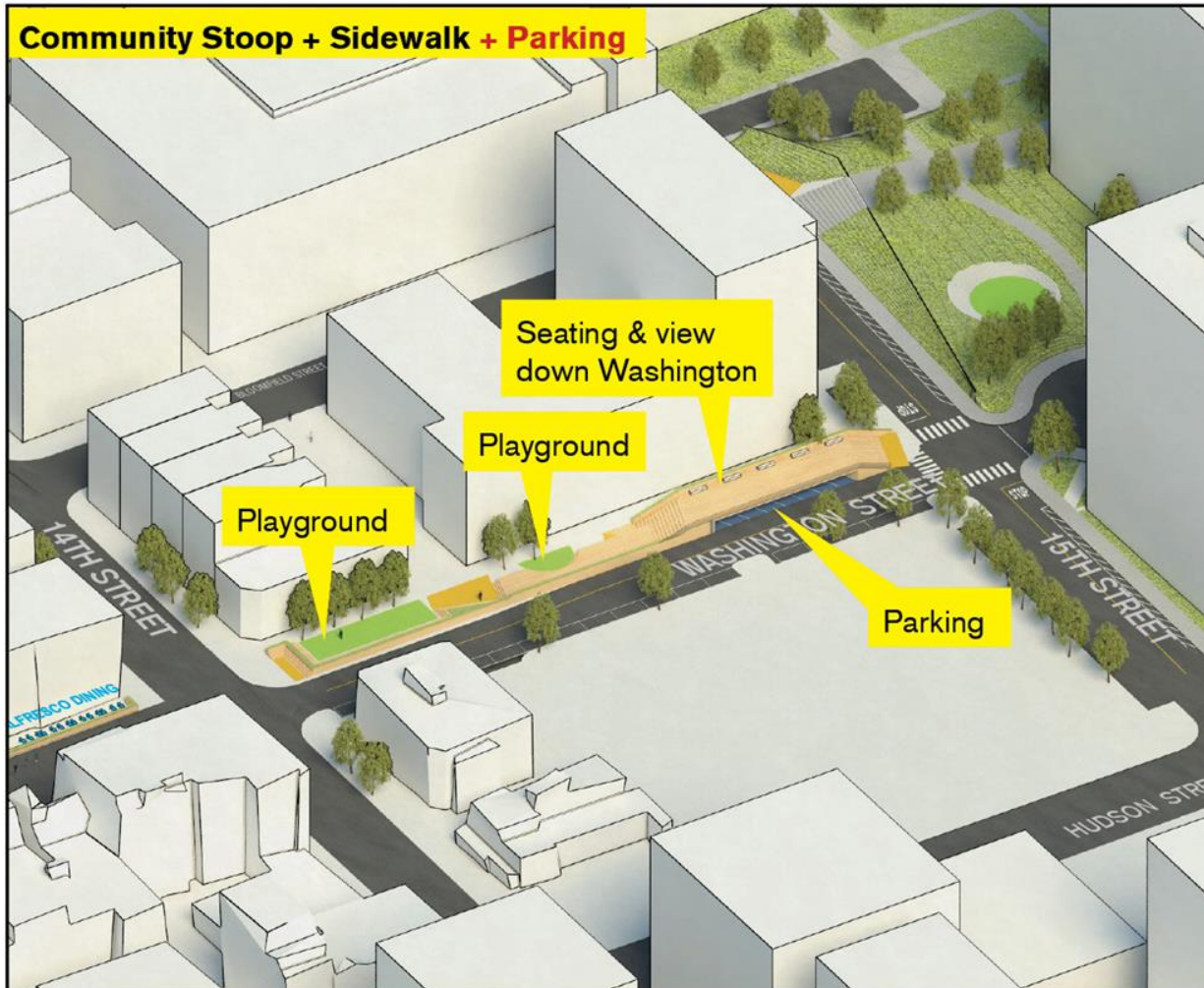
ALT-2

View down Washington St.

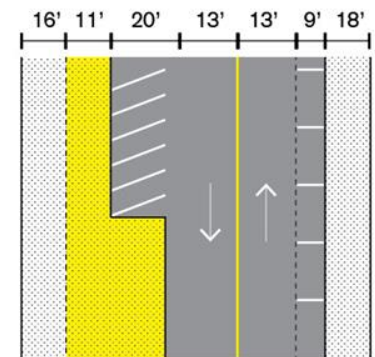
An aerial photograph of a city grid, likely New York City, showing a mix of residential and commercial buildings. A yellow translucent strip, representing a proposed street or transit corridor, runs diagonally from the bottom left towards the center right. A hand is visible on the right side, holding the strip. A yellow callout bubble with a pointer indicates a specific location on the strip.

Alt. 2 - Washington Street

ALT-2



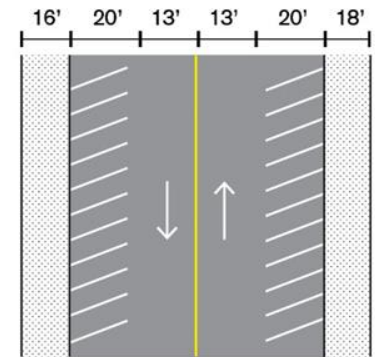
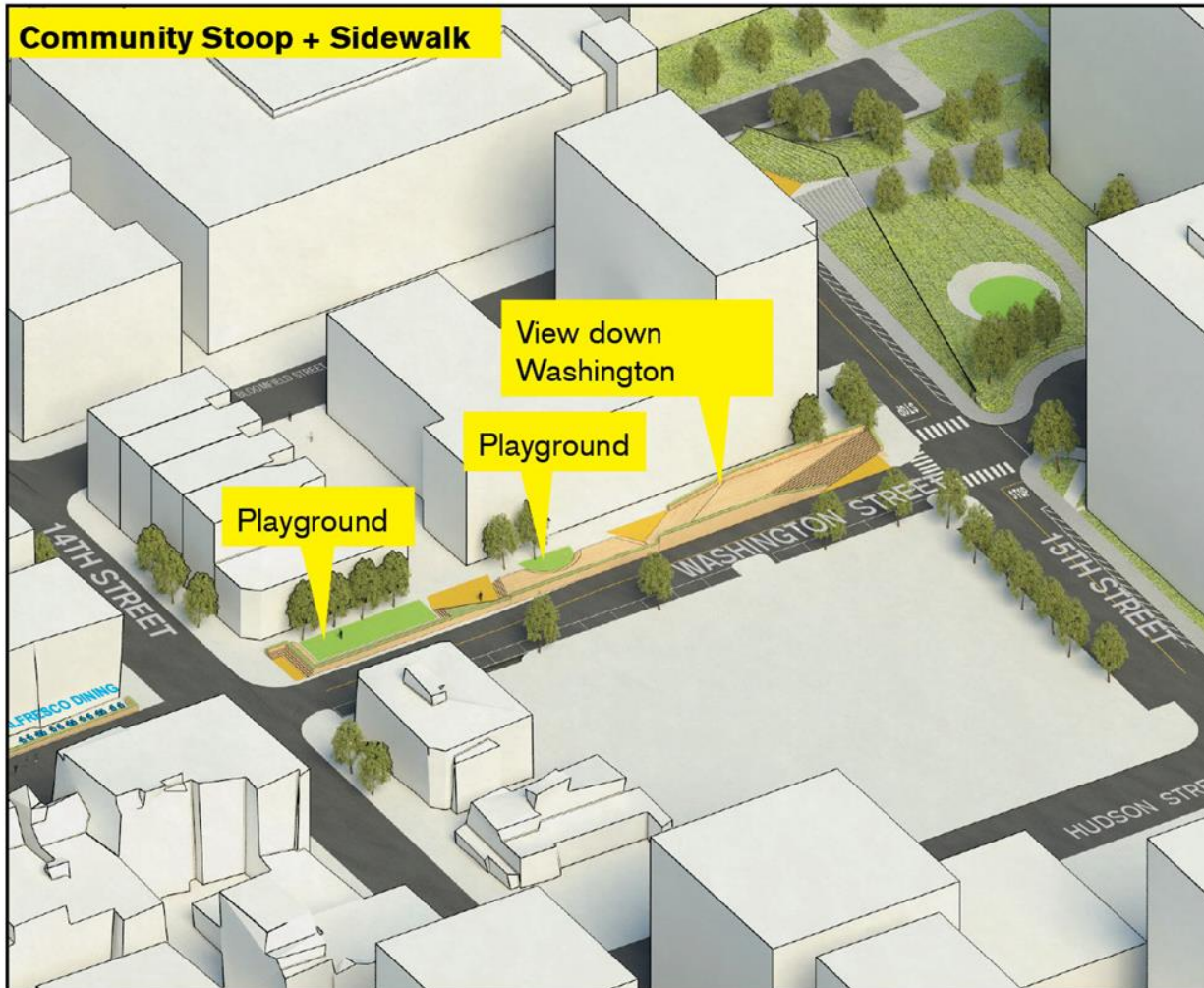
Parking : 41



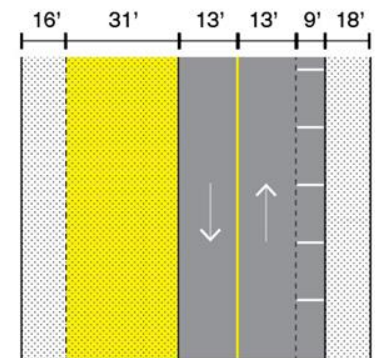
Parking : 25

Alt. 2 - Washington Street

ALT-2



Parking : 41



Parking : 18

Alt. 2 - Washington Street

Community Stoop + Sidewalk + Parking

ALT-2



Alt. 3 - Garden St. and Alleyway

ALT-3



Harborside Lofts

Parking Garage

Tea Building

1450 Washington

Alt. 3 - Garden St.

ALT-3



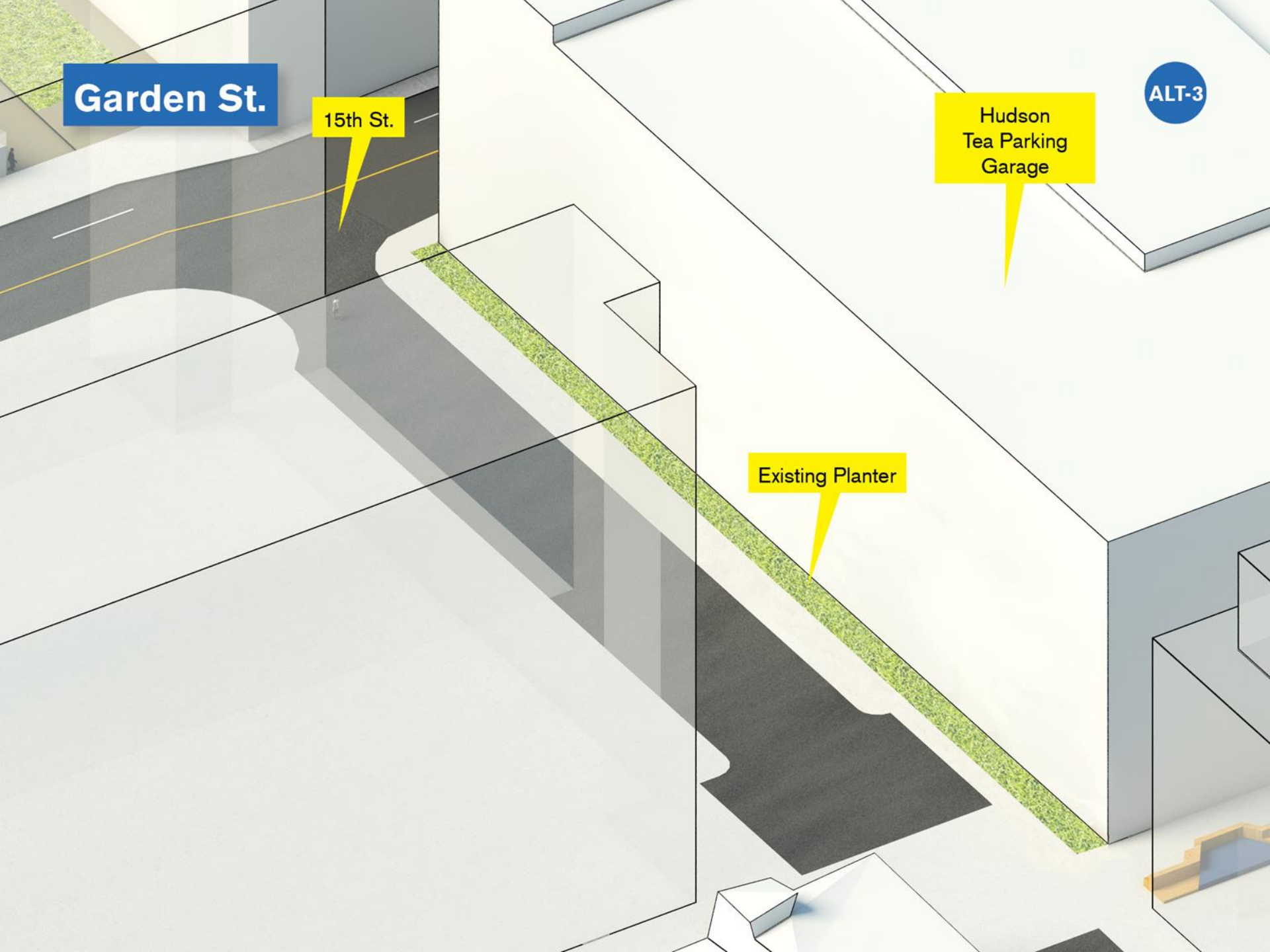
Garden St.

15th St.

Hudson
Tea Parking
Garage

ALT-3

Existing Planter

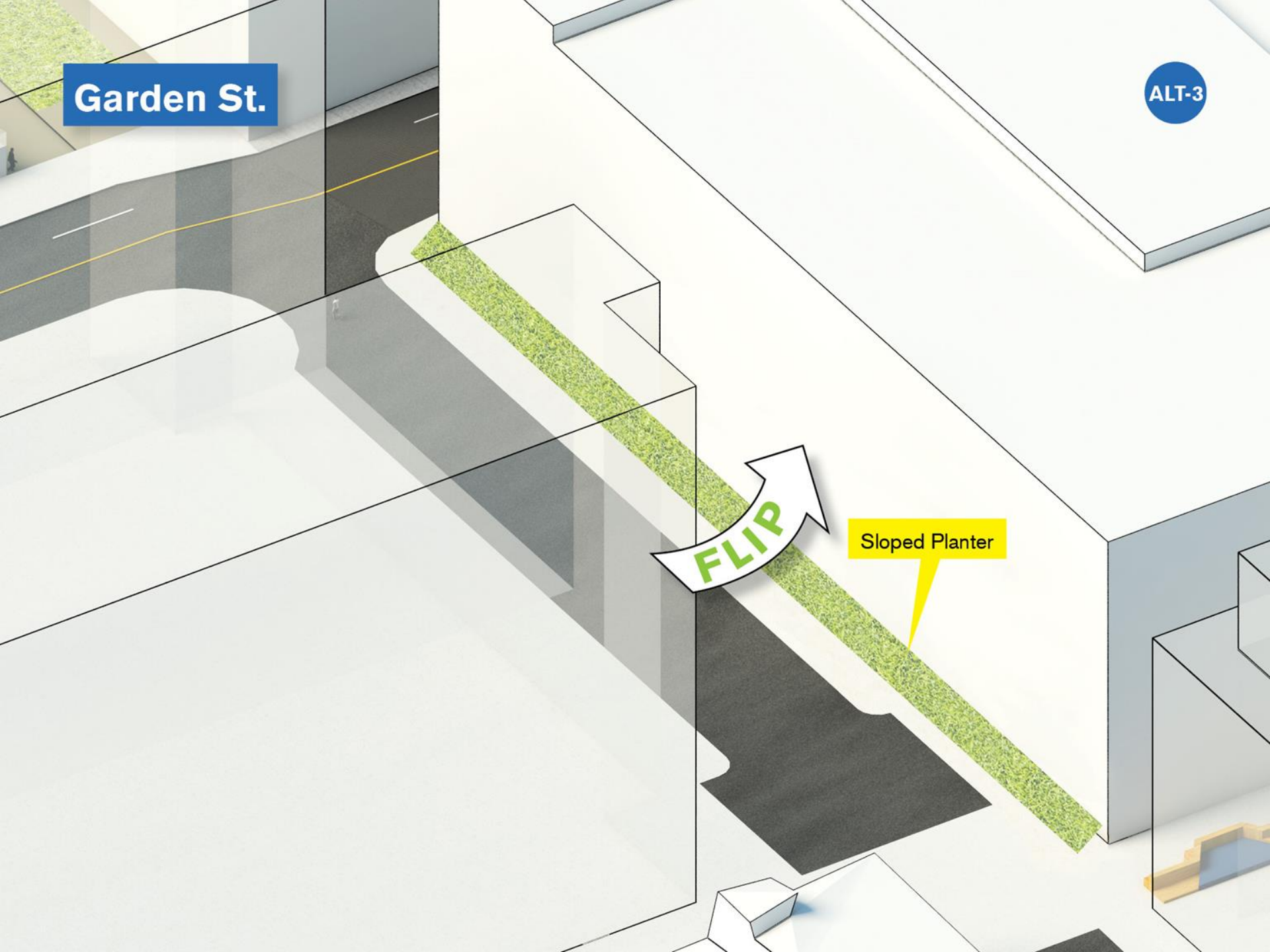


Garden St.

ALT-3

FLIP

Sloped Planter



Garden St.

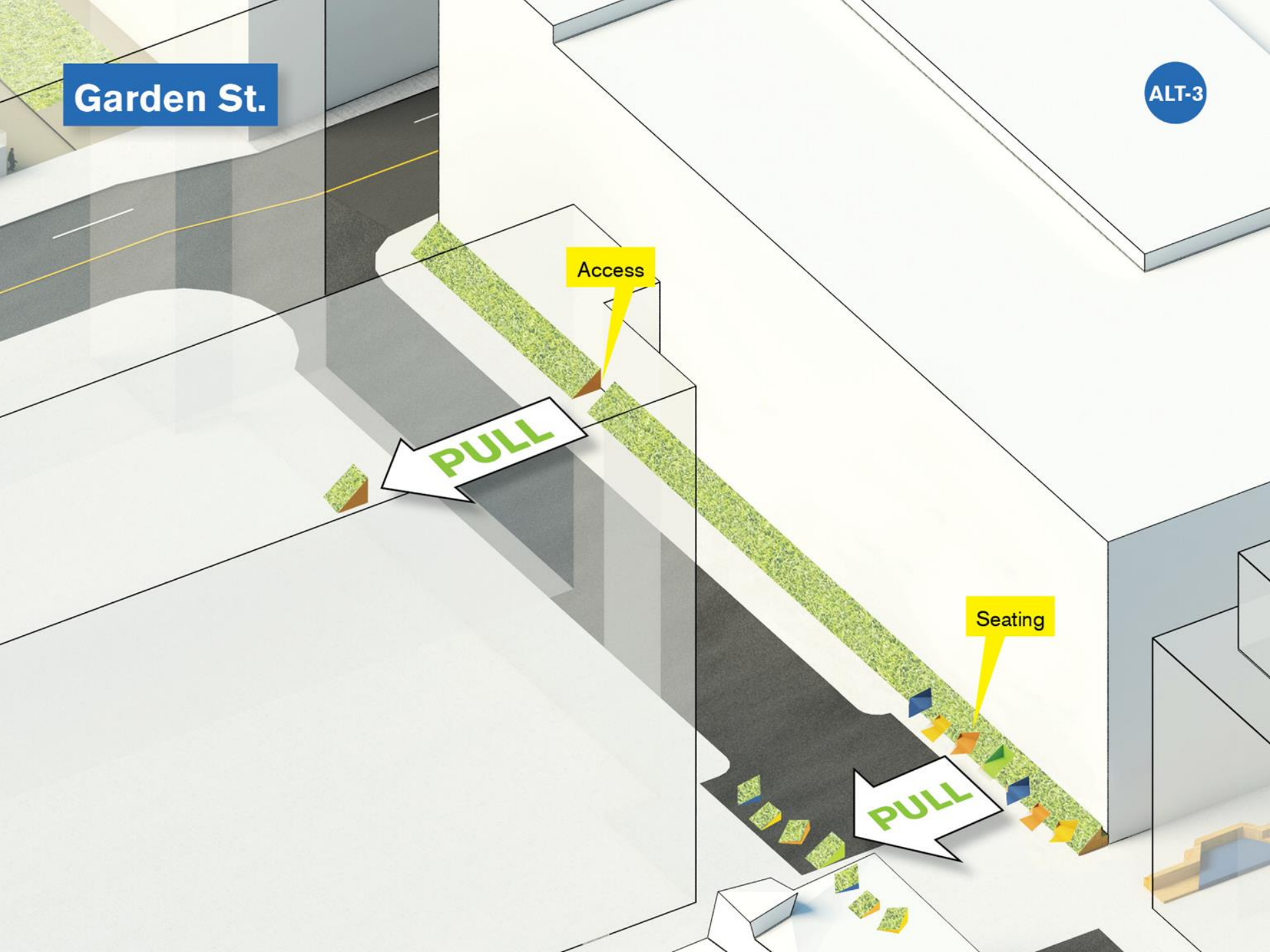
ALT-3

Access

PULL

Seating

PULL



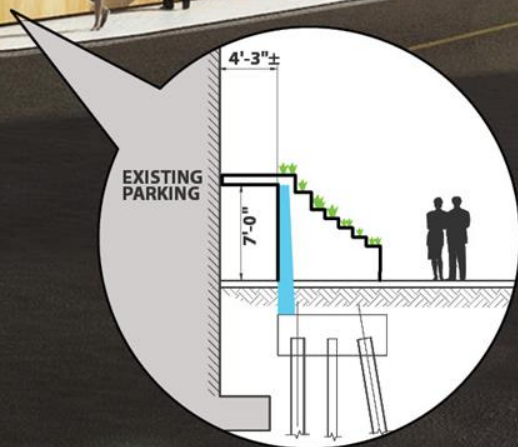
Garden St.

ALT-3



Garden St.

ALT-3



Alt. 3 - Alleyway

ALT-3



West Alleyway

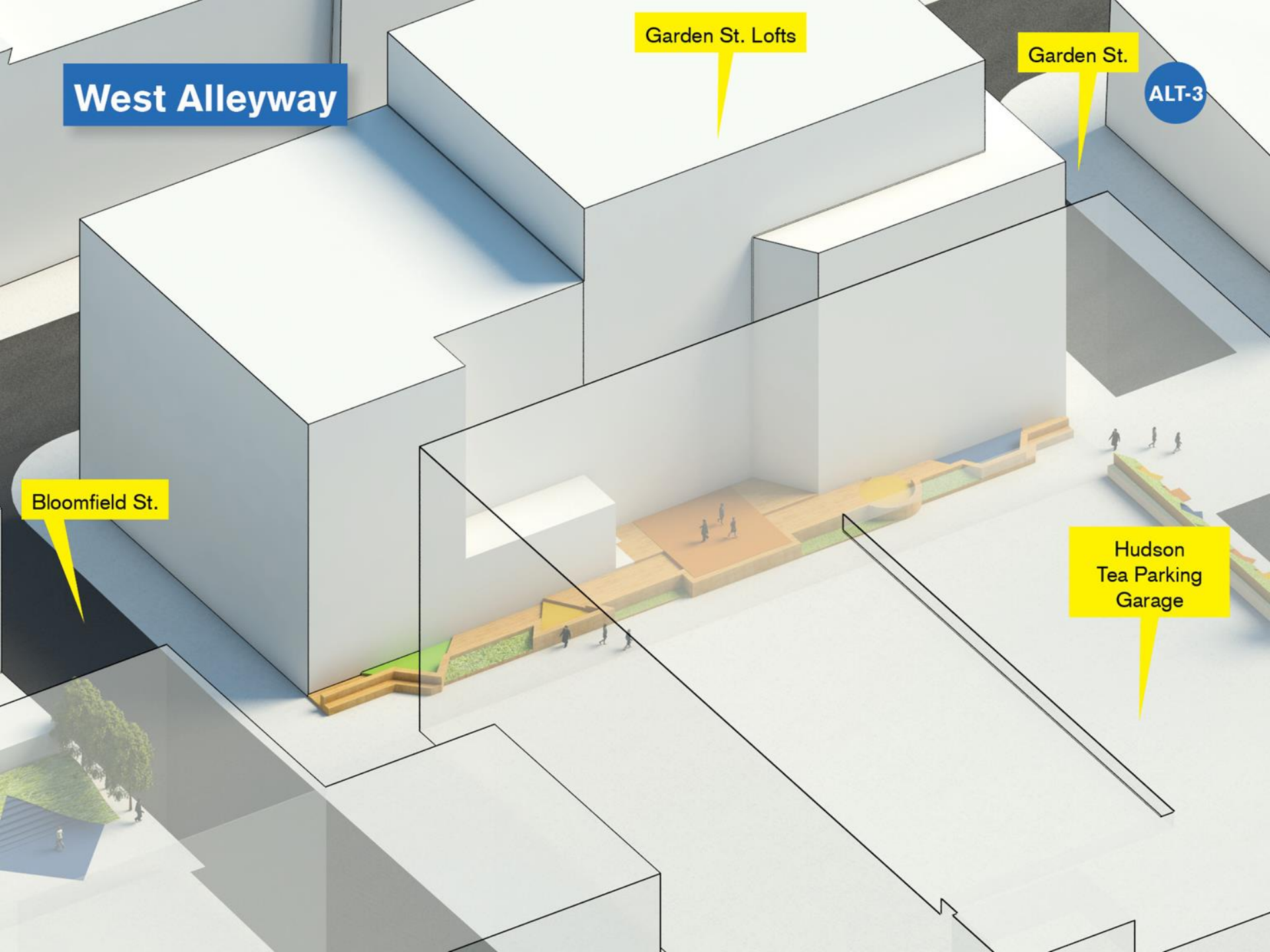
Garden St. Lofts

Garden St.

ALT-3

Bloomfield St.

Hudson Tea Parking Garage



West Alleyway - No Ramp Option

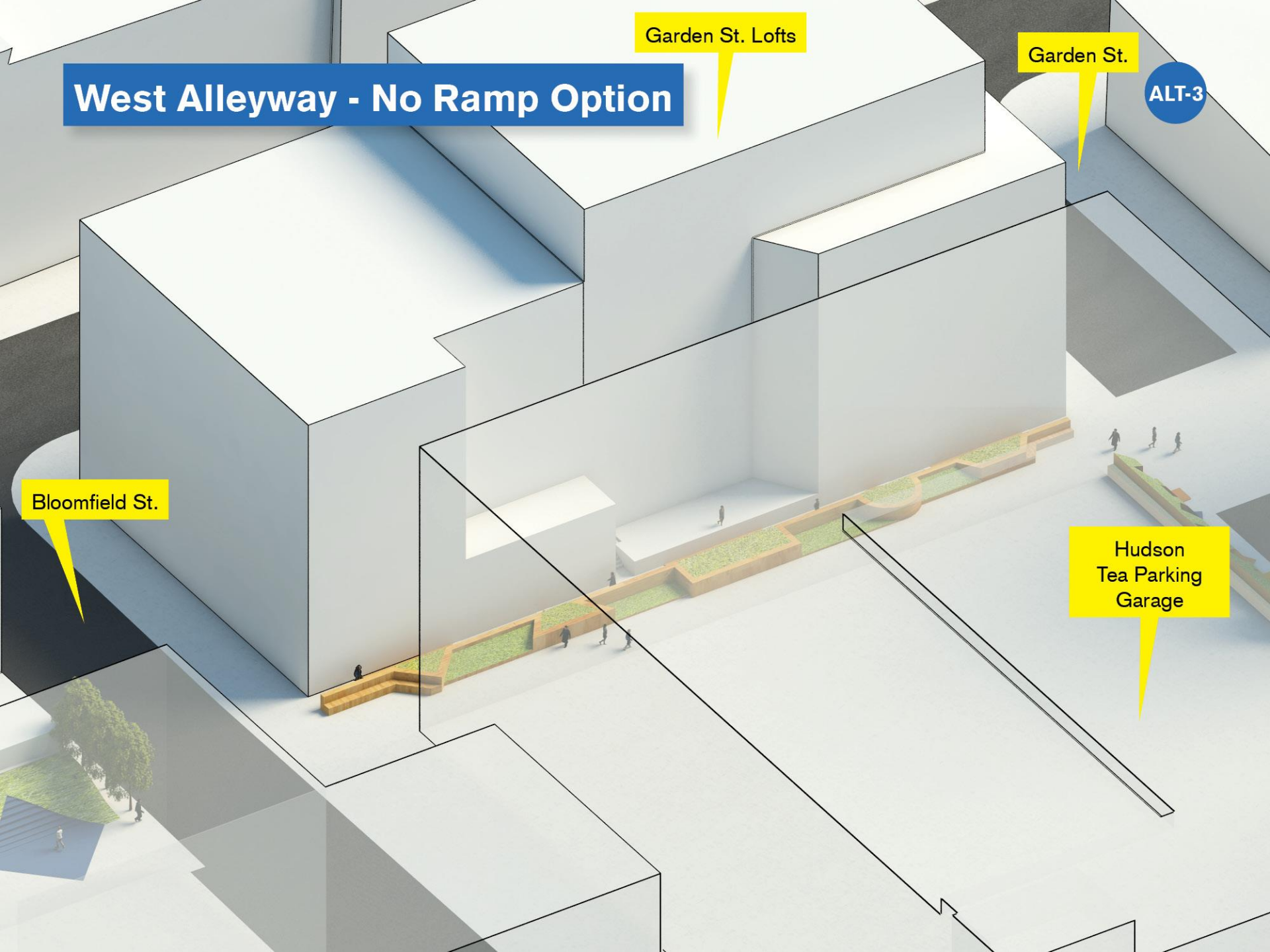
Garden St. Lofts

Garden St.

ALT-3

Bloomfield St.

Hudson
Tea Parking
Garage



West Alleyway

ALT-3



East Alleyway

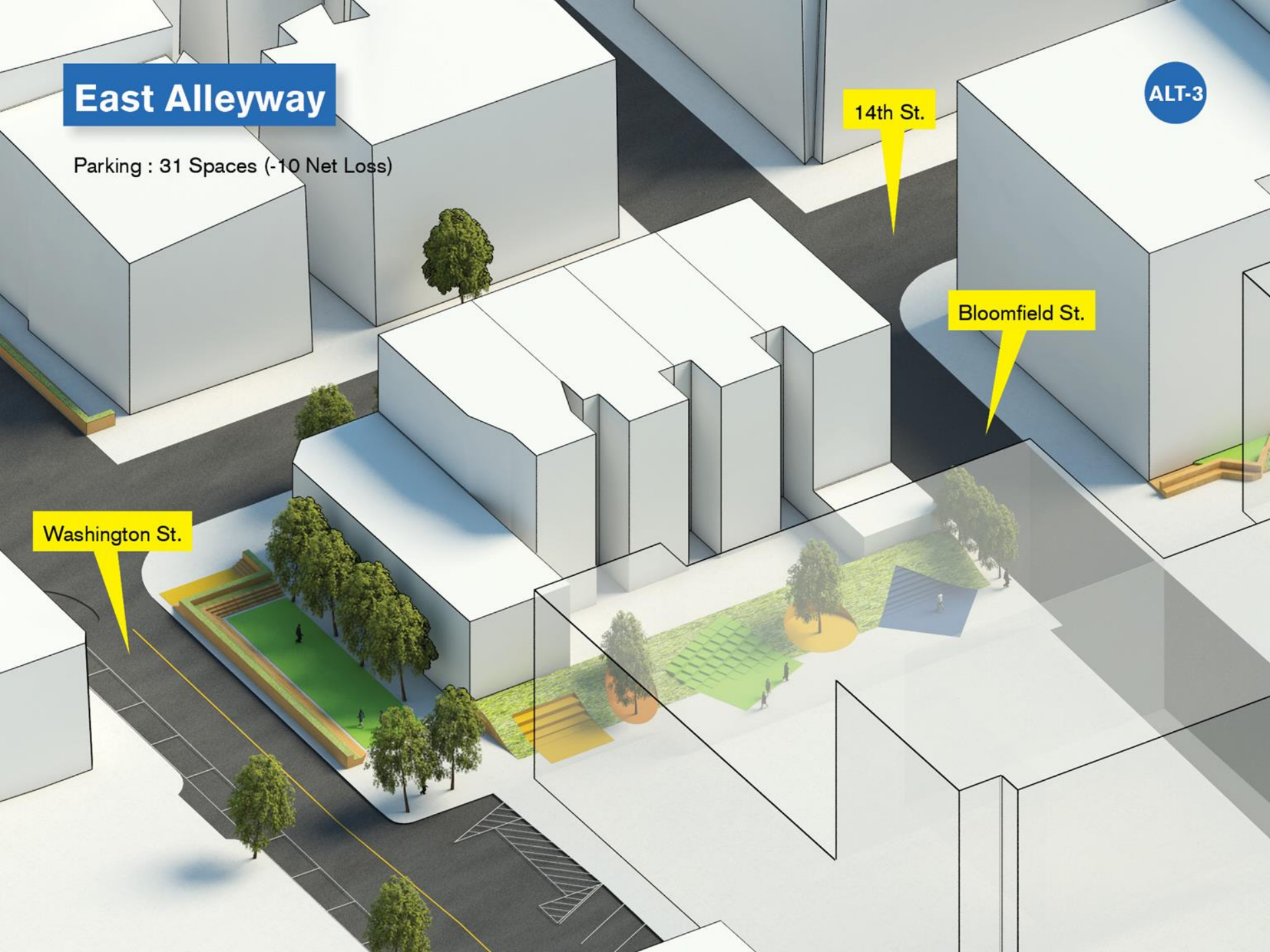
Parking : 31 Spaces (-10 Net Loss)

ALT-3

14th St.

Bloomfield St.

Washington St.



East Alleyway

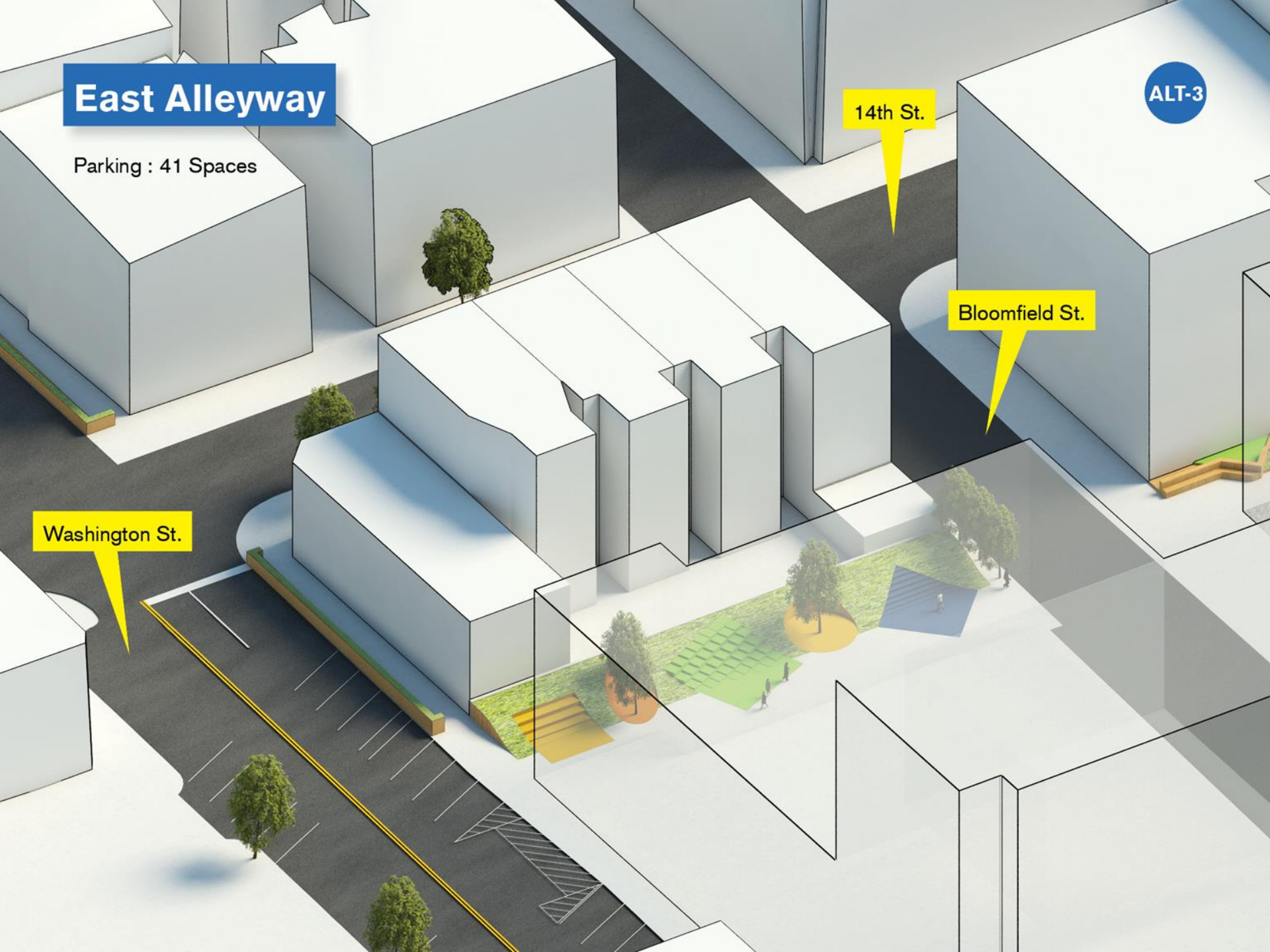
Parking : 41 Spaces

ALT-3

14th St.

Bloomfield St.

Washington St.



East Alleyway

ALT-3



Alt. 1 - Weehawken Cove Promenade

ALT-1

Harborside Lofts

Tea Building



Alt. 2 - 15th St. and Washington St.

ALT-2

Harborside Lofts

Tea Building

1450 Washington

Parking Garage



Alt. 3 - Garden St. and Alleyway

ALT-3

Harborside Lofts

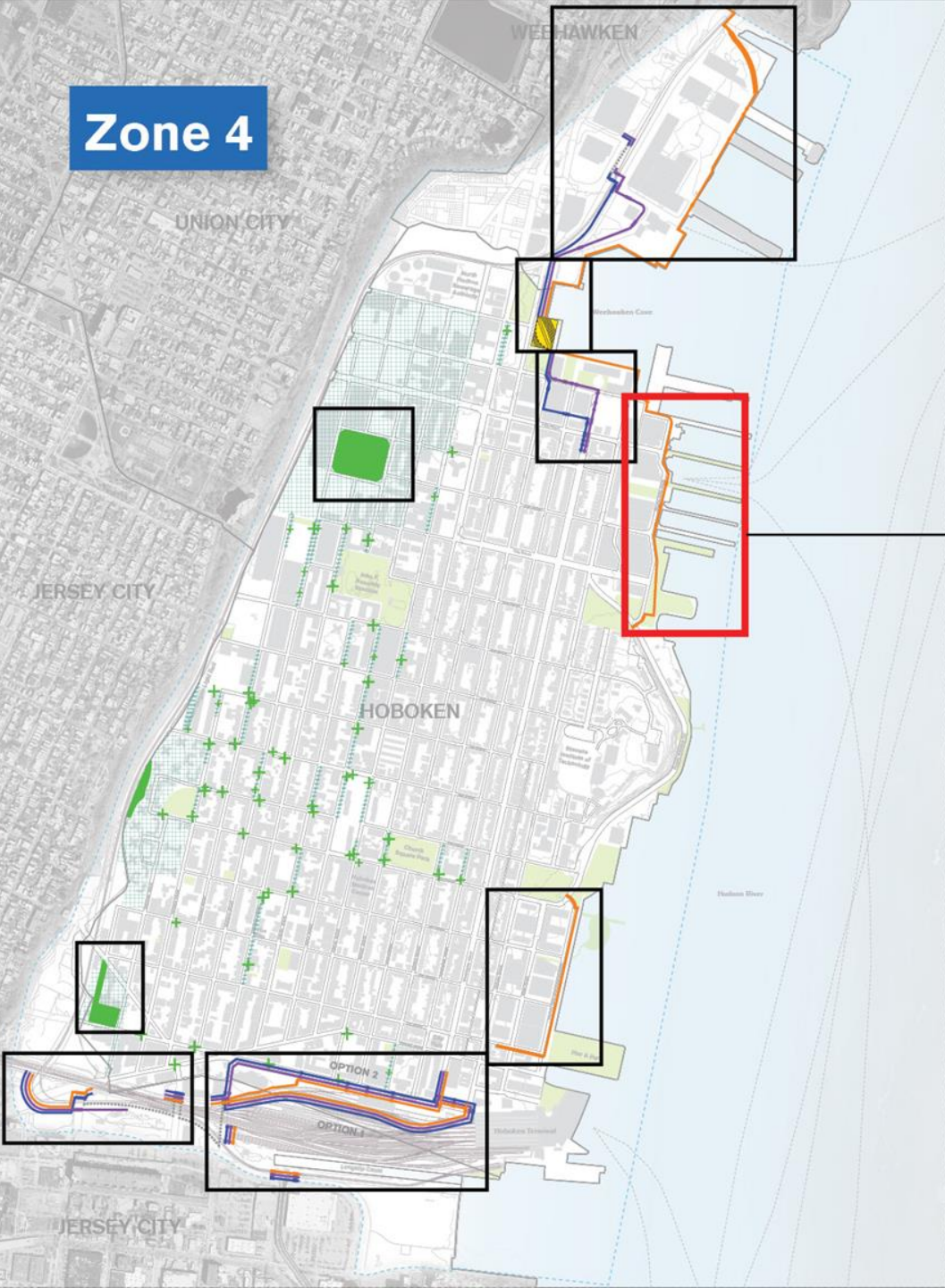
Parking Garage

Tea Building

1450 Washington



Zone 4



Zone 4 — North Waterfront

Alternative 1 Only

Zone 4 - Alt. 1

ALT-1



Independence Court Waterfront

ALT-1



Independence Court Waterfront

ALT-1



Independence Court Waterfront

ALT-1



Independence Court Waterfront

ALT-1



Independence Court Waterfront

ALT-1



Maxwell Place Park



Maxwell Place
on the Hudson

16 Handles

ALT-1

Place Lawn

Maxwell
Place Park

Castle Point

Maxwell Place Park

ALT-1

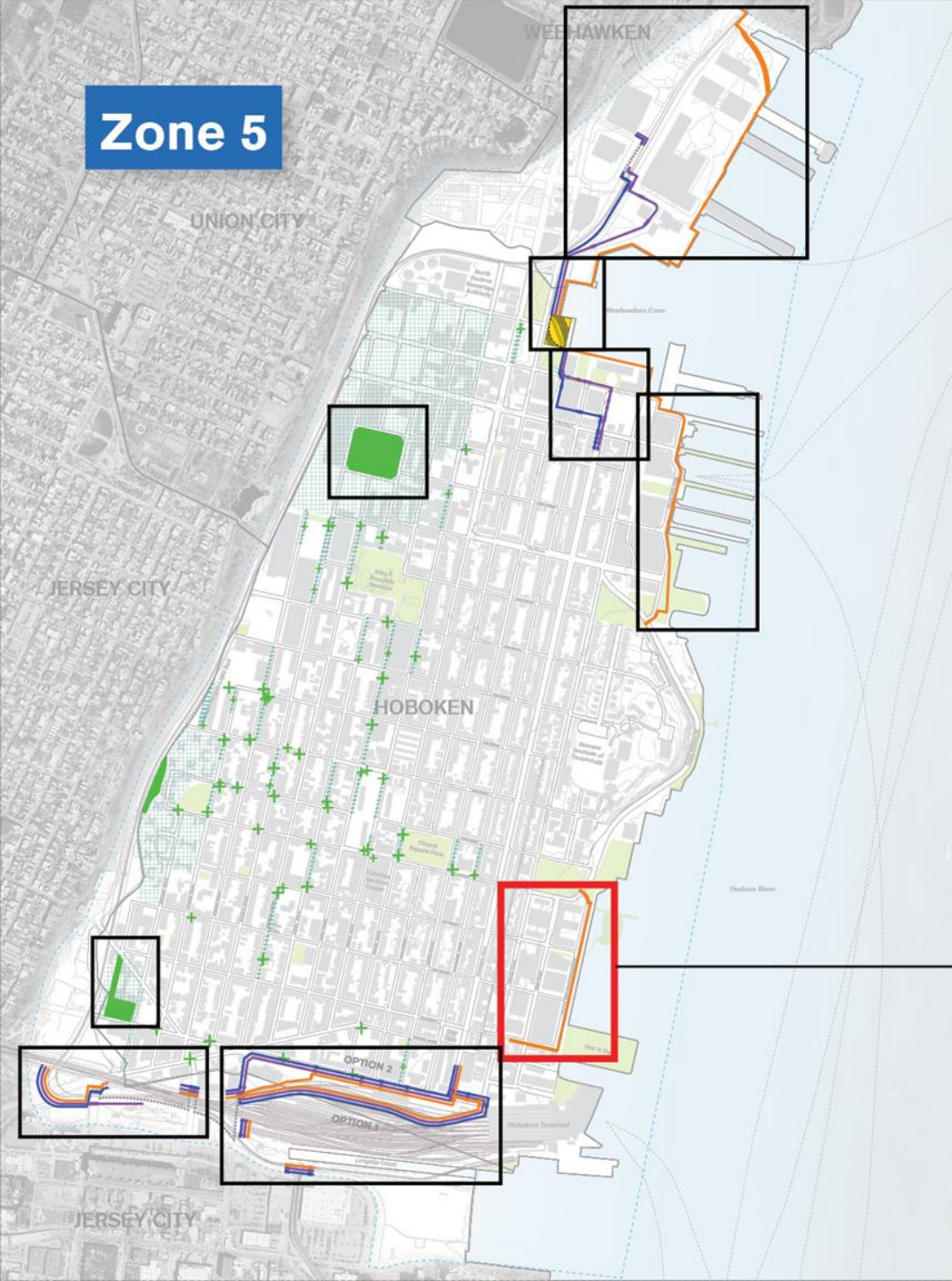


Maxwell Place Park

ALT-1



Zone 5



Zone 5 — South Waterfront

Alternative 1 Only

Zone 5 - Alt. 1

ALT-1



South Waterfront Promenade

ALT-1



Recreational Pocket Park

ALT-1

W

Recreational Courts

Food Truck Gathering

Picnic



Recreational Pocket Park

ALT-1

W

Recreational Courts

Food Truck Gathering

PICNIC

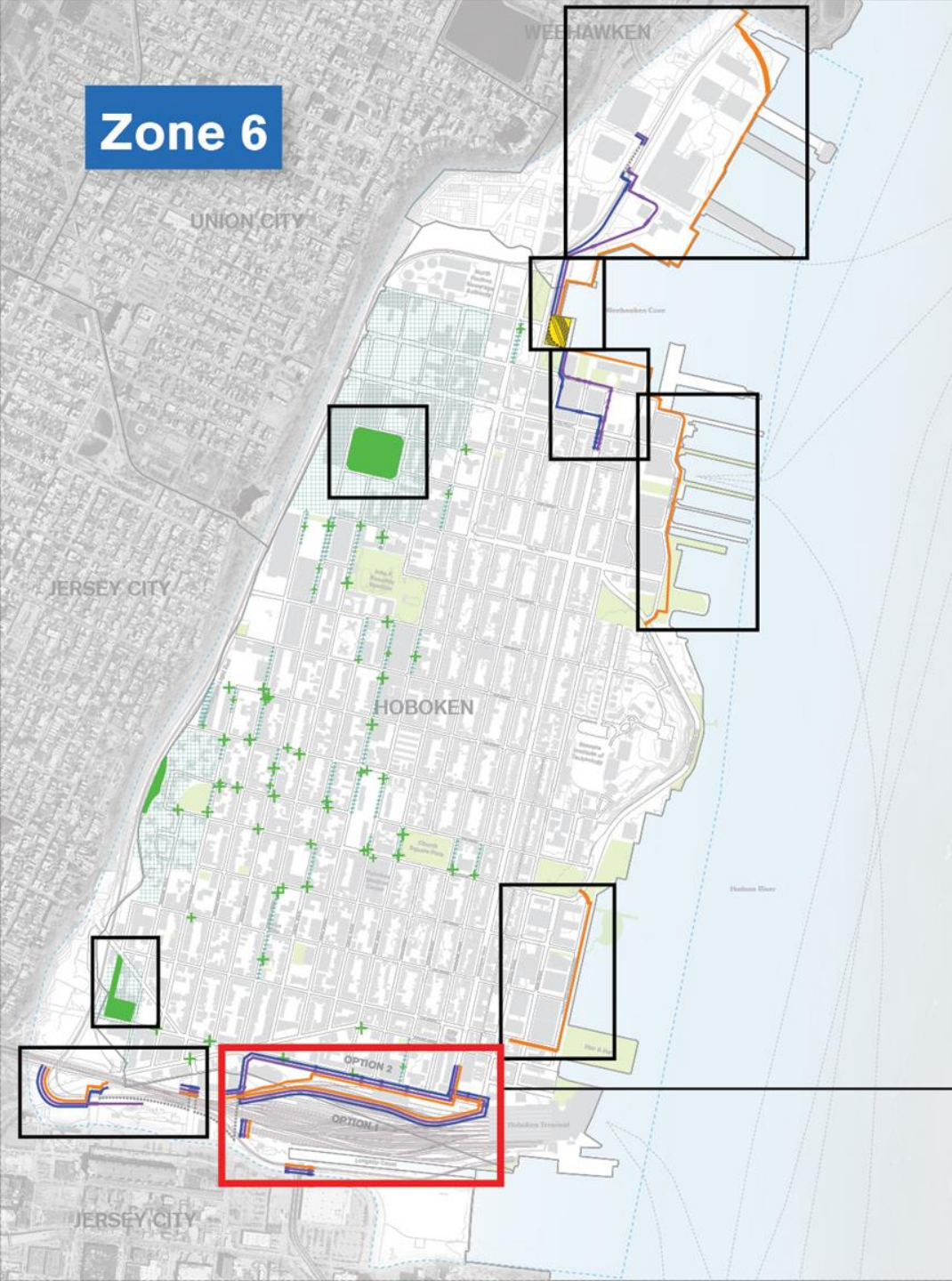


Recreational Pocket Park

ALT-1



Zone 6



Zone 6 — Observer Highway

Alternative 1, 2, 3 @ Street or along rails

Zone 6

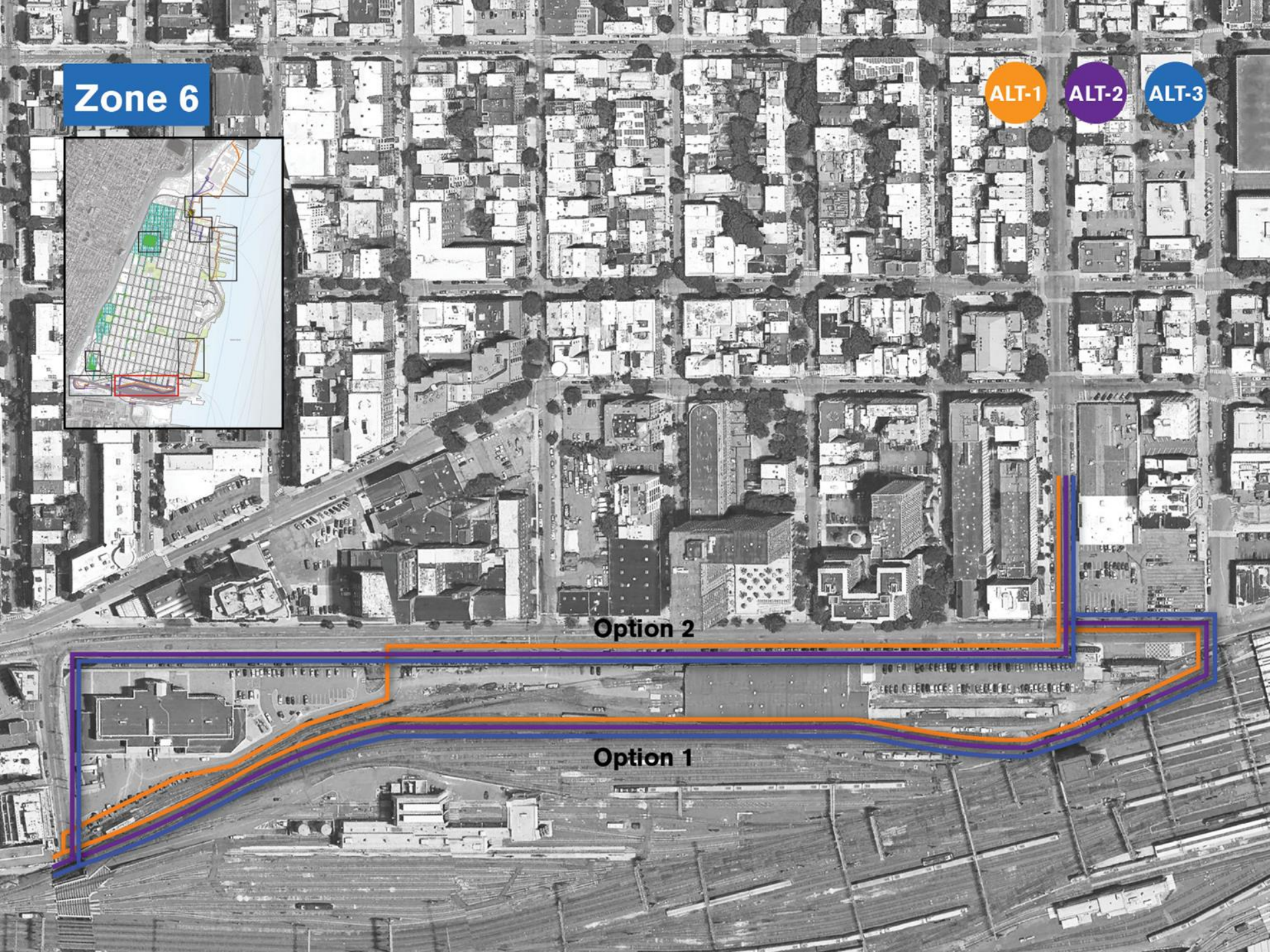
ALT-1

ALT-2

ALT-3

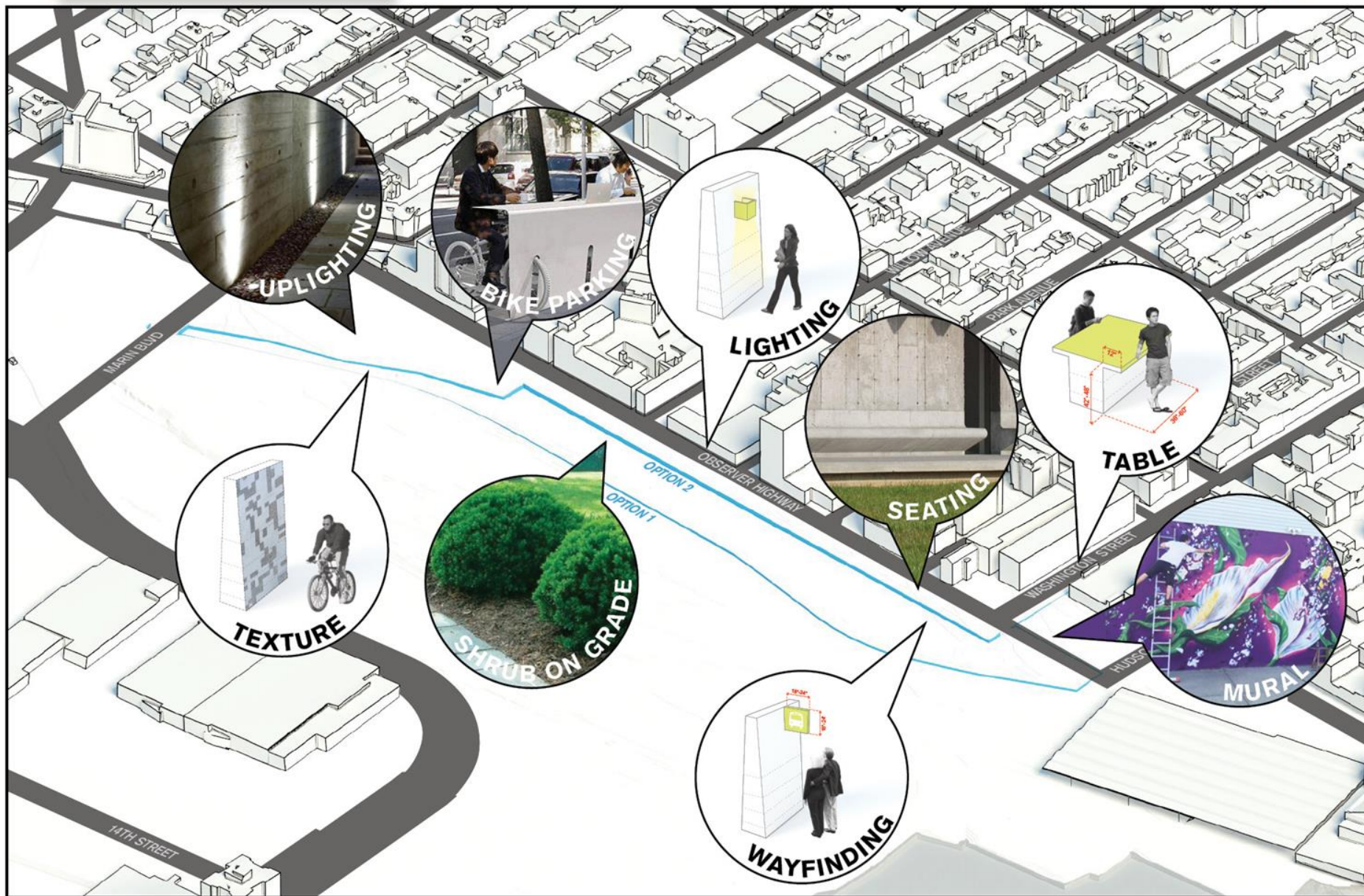
Option 2

Option 1



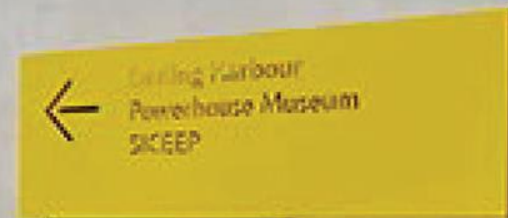
Alt. 1 Overview

ALT-1

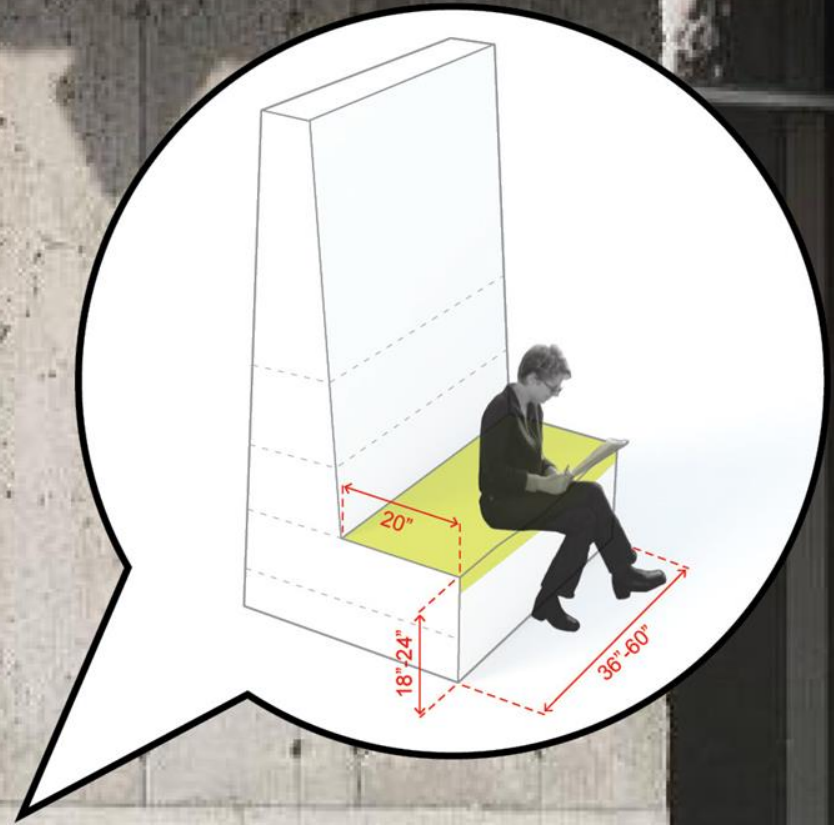


Wayfinding

THE GOODS LINE



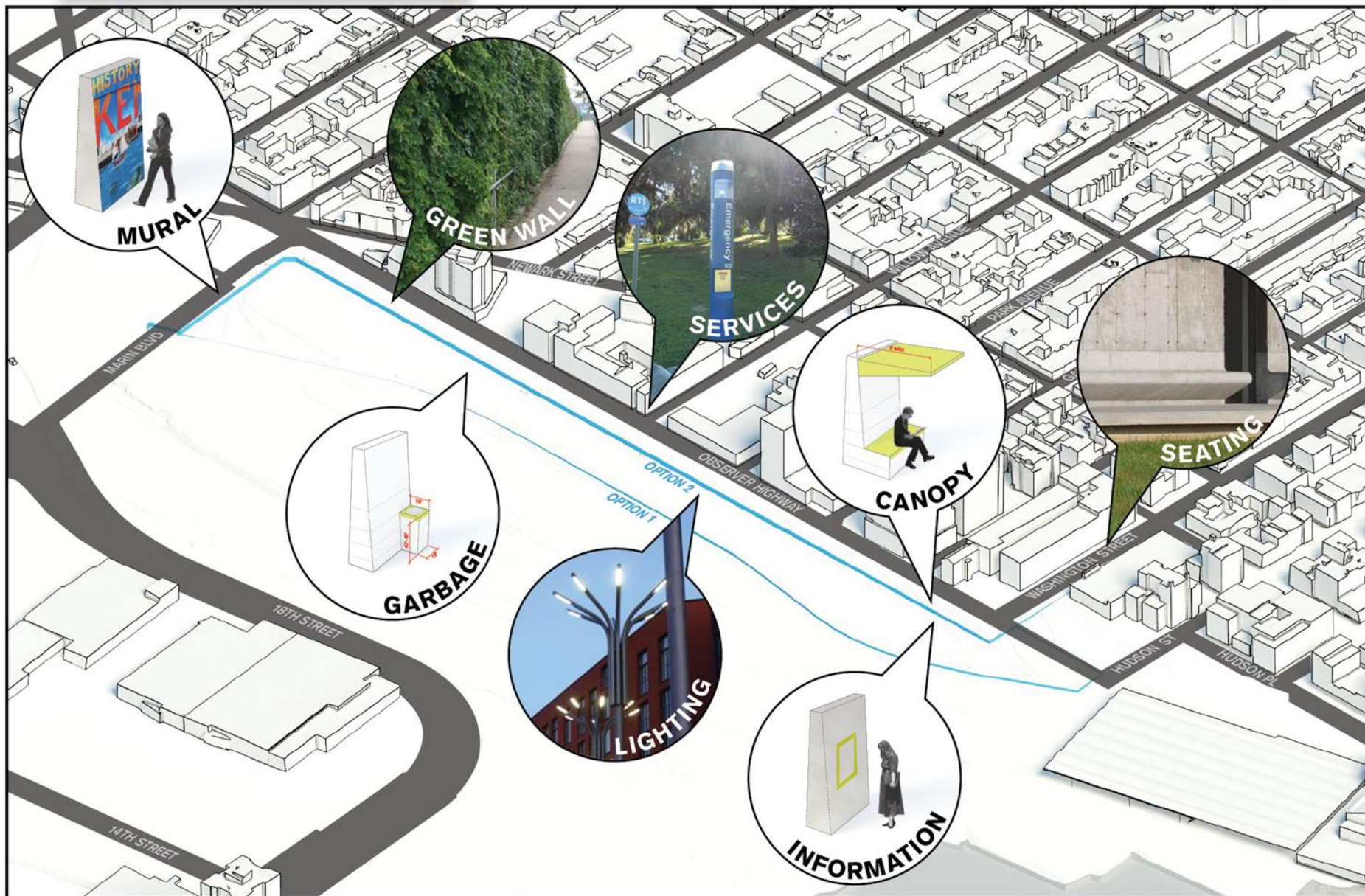
Seating



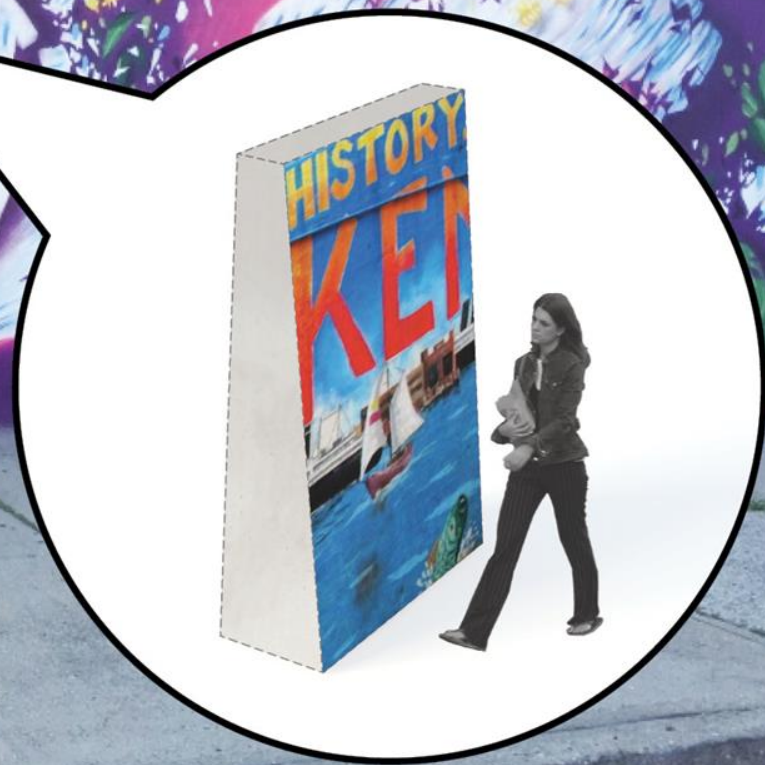
Alt. 2 & 3 Overview

ALT-2

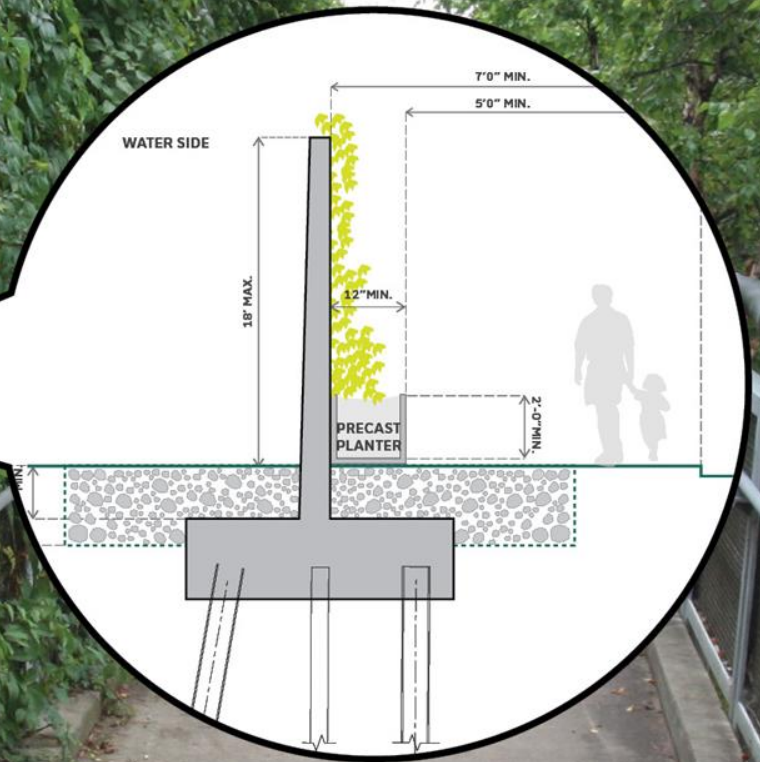
ALT-3



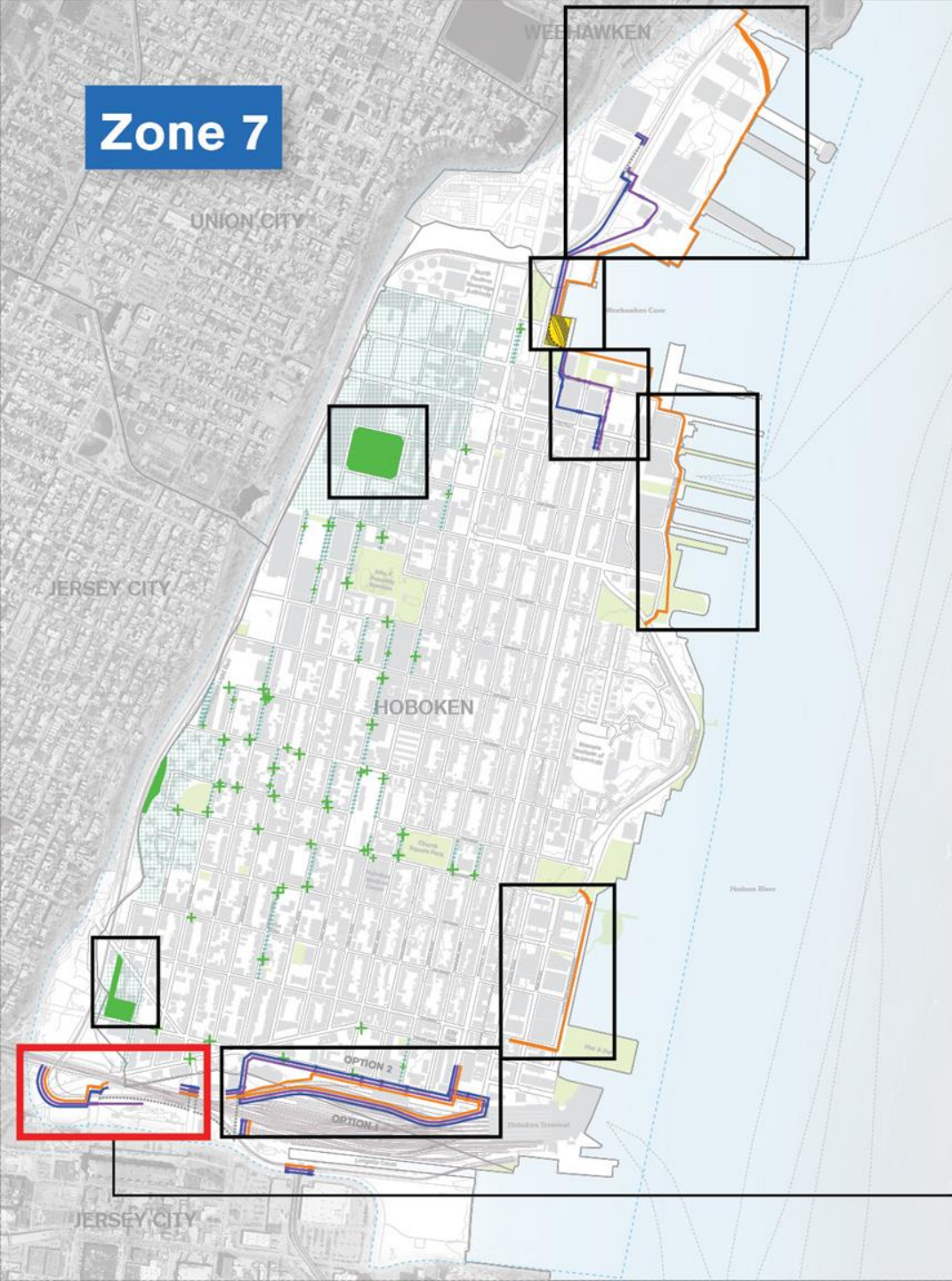
Mural Wall



Wall Planting



Zone 7



Zone 7 — Jersey Avenue Underpass
Alternative 1, 2, 3 @ Underpass

Zone 7

ALT-1

ALT-2

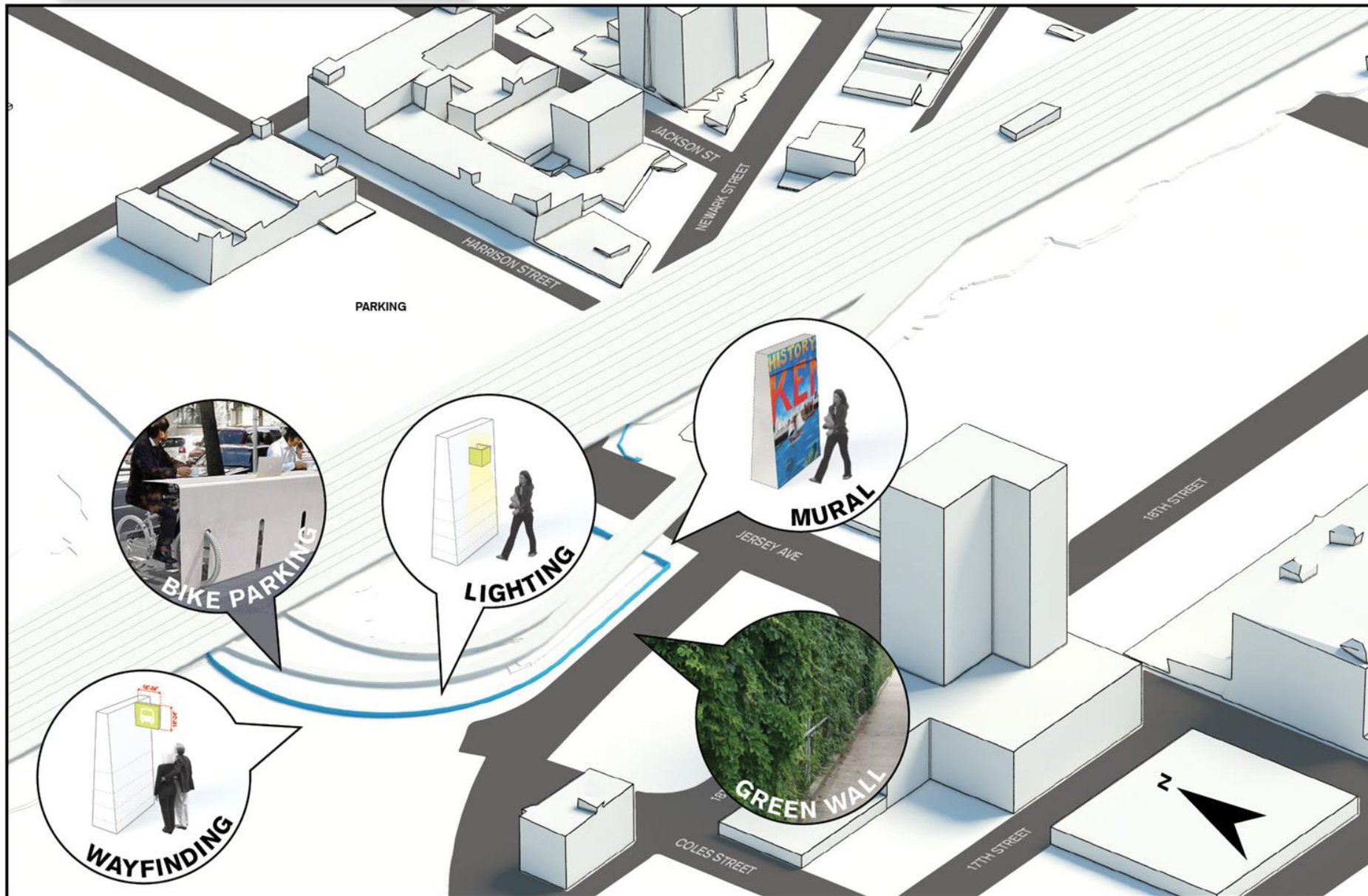
ALT-3



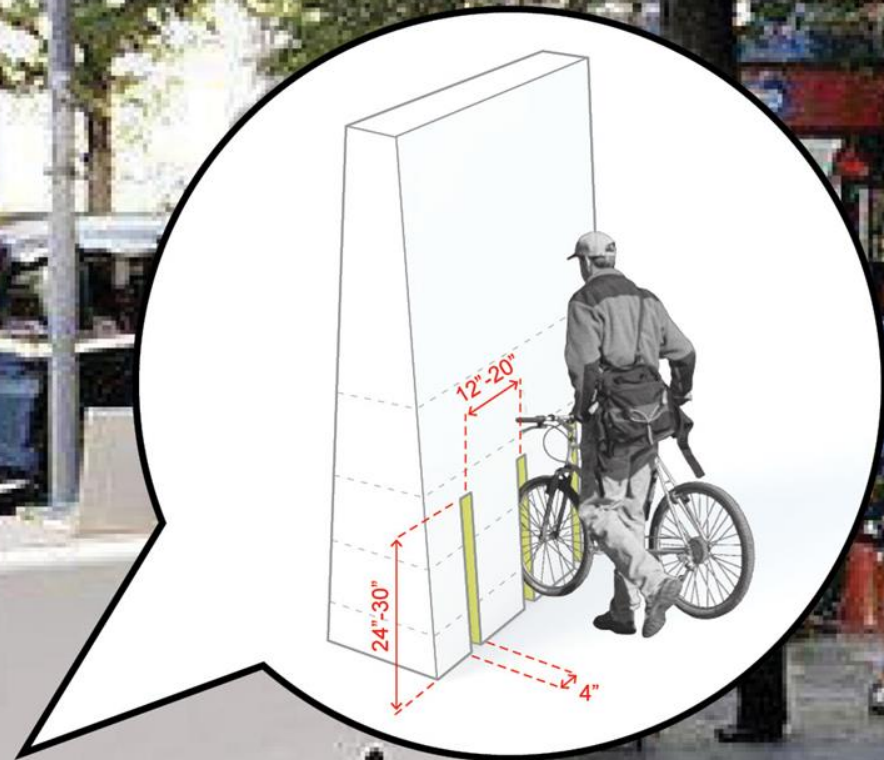
Alt. 1 & 3 Overview

ALT-1

ALT-3

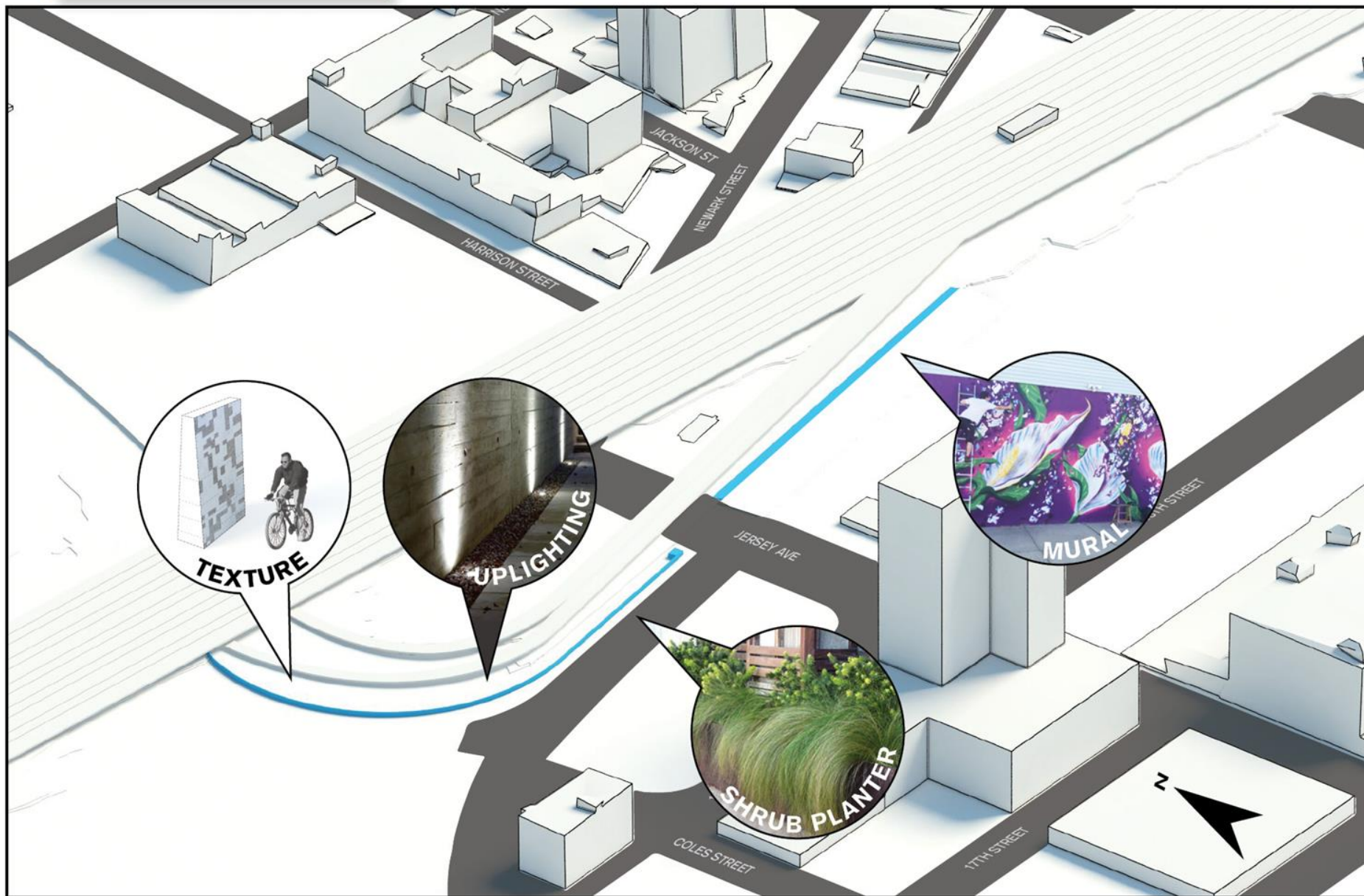


Bicycle Parking



Alt. 2 Overview

ALT-2



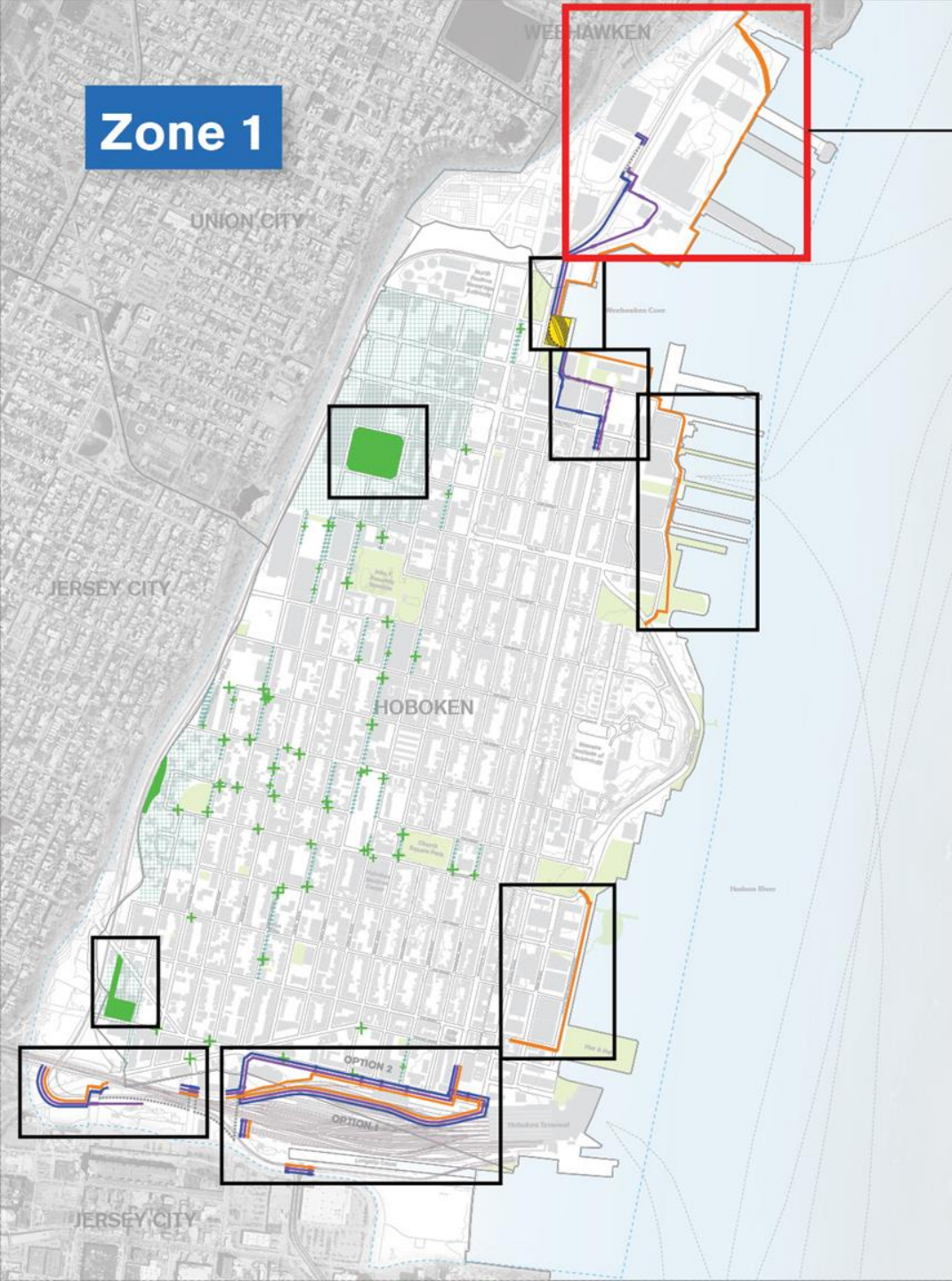
Lighting



Zone 1

Zone 1 — Weehawken Tie In

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



Zone 1

ALT-1

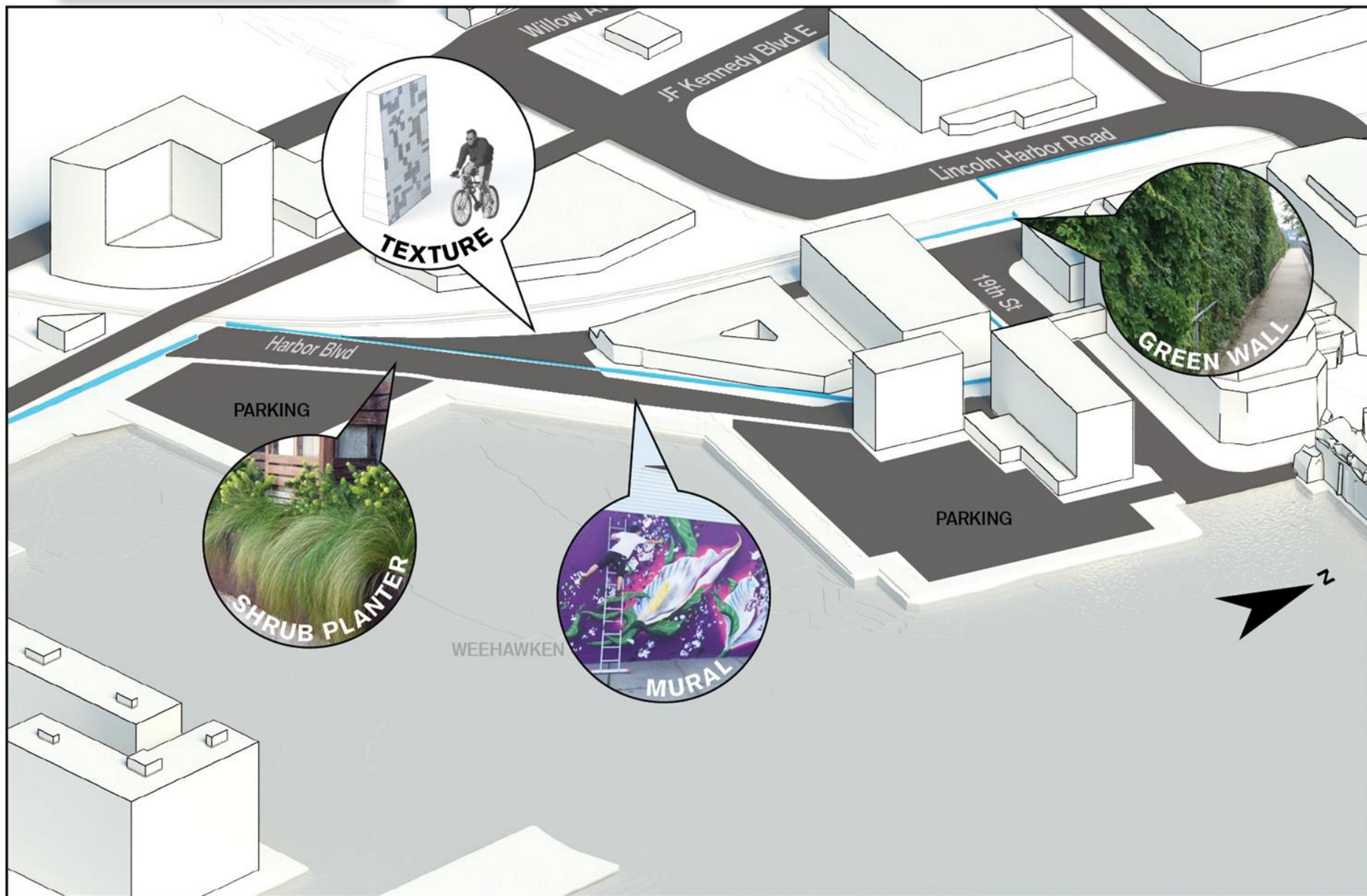
ALT-2

ALT-3



Alt. 3 Overview

ALT-3



Shrub Planter



WATER SIDE

18" MAX.

8'0" MIN.

5'0" MIN.

PRECAST
PLANTER

3'-0" MIN.

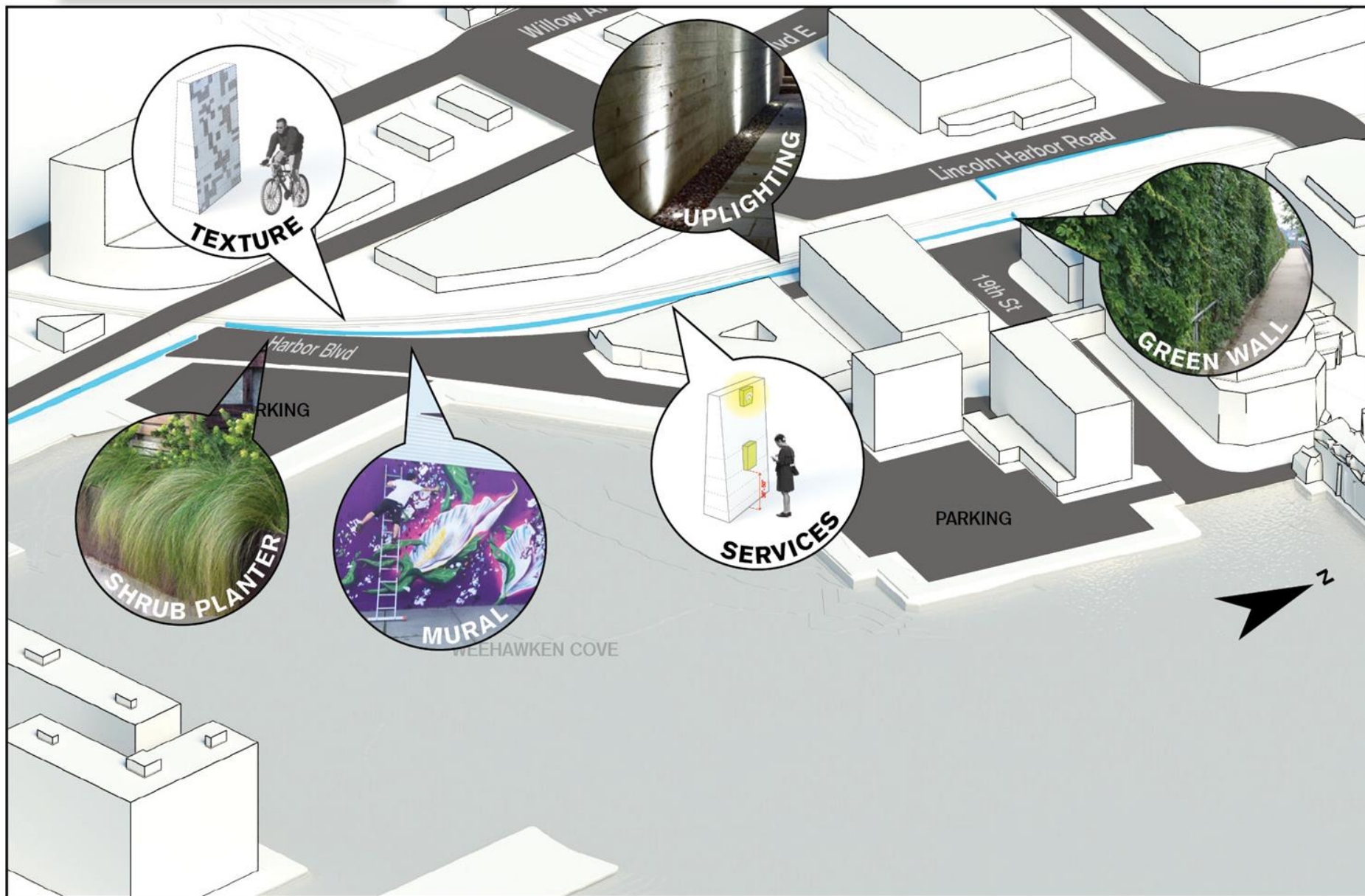
2' MIN.

2'-0" MIN.

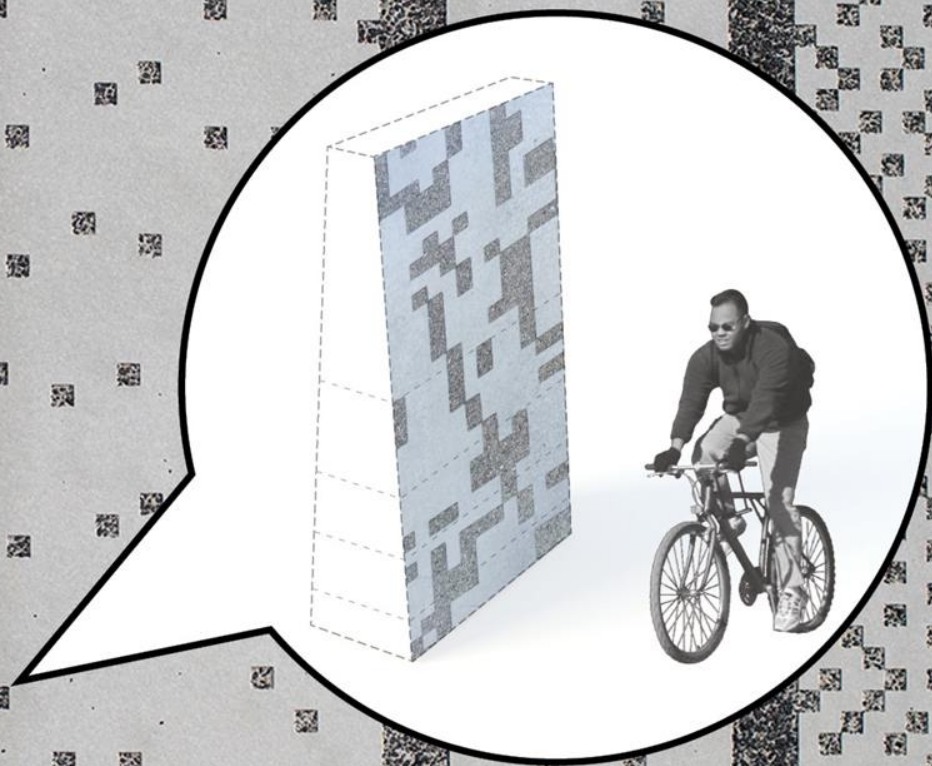


Alt. 2 Overview

ALT-2



Concrete Texture



Alt. 3 Harbor Blvd Before

ALT-3



Alt. 3 Harbor Blvd After

ALT-3

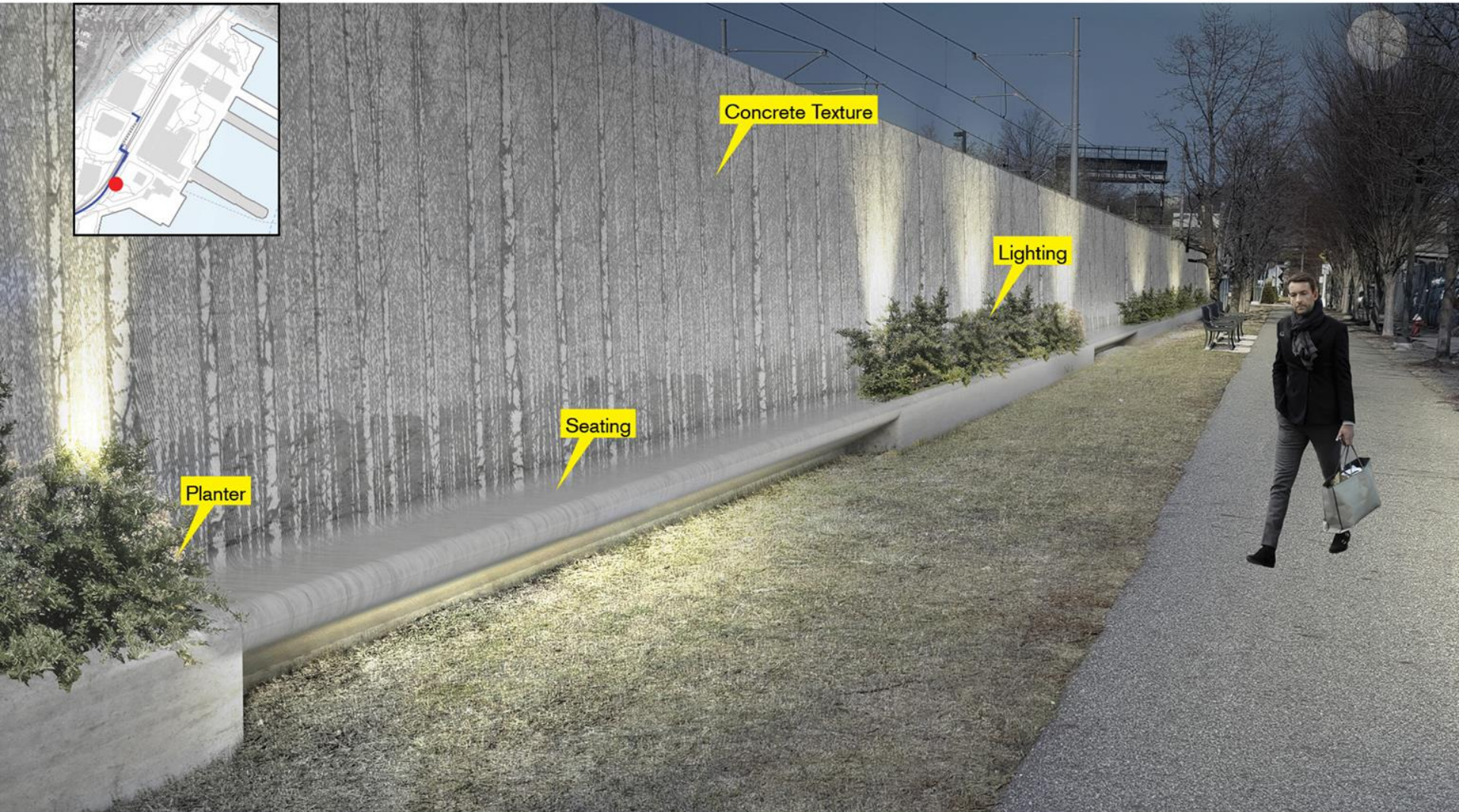
Graphic Concrete - Mural



Alt. 3 Harbor Blvd After

ALT-3

Graphic Concrete - Figural



Alt. 3 Harbor Blvd After



ALT-3



Graphic Concrete - Abstract



Graphic Concrete - Figural



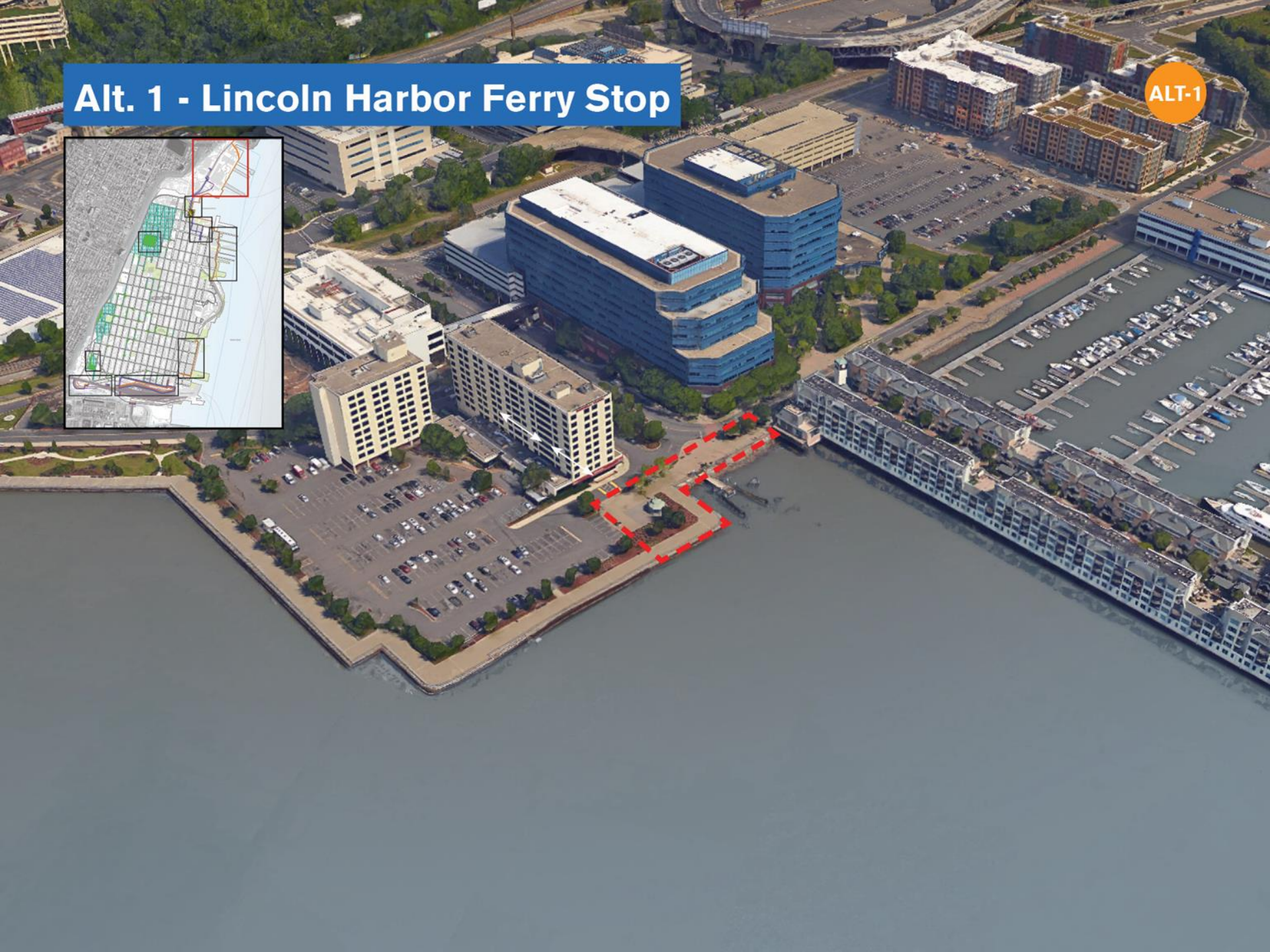
Graphic Concrete - Texture and Pattern



Painted Mural

Alt. 1 - Lincoln Harbor Ferry Stop

ALT-1



Kiosk

ALT-1

Harbor Blvd

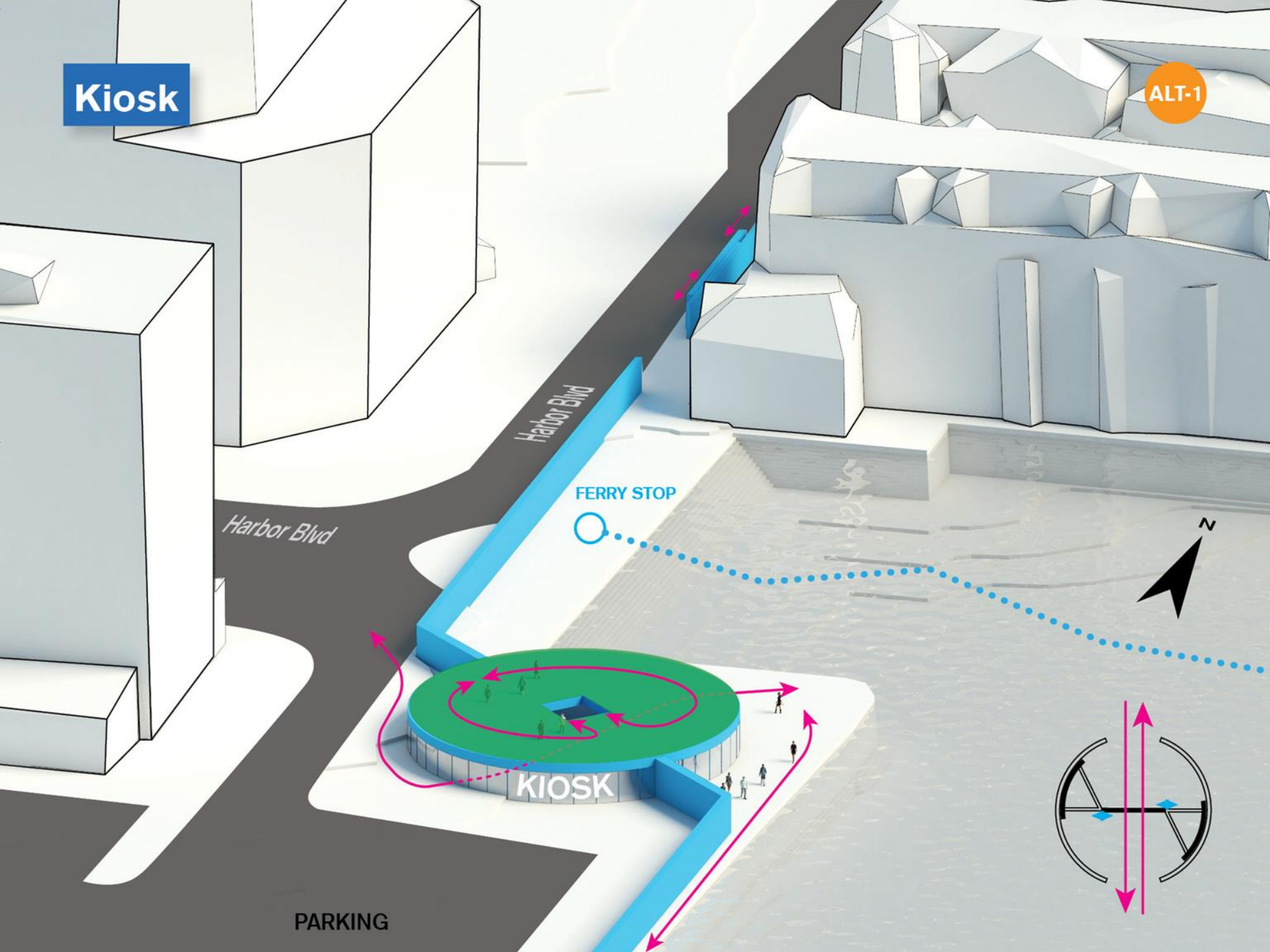
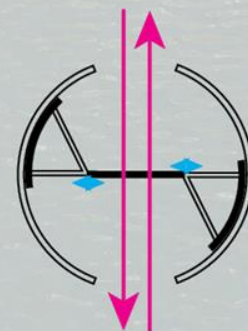
Harbor Blvd

FERRY STOP



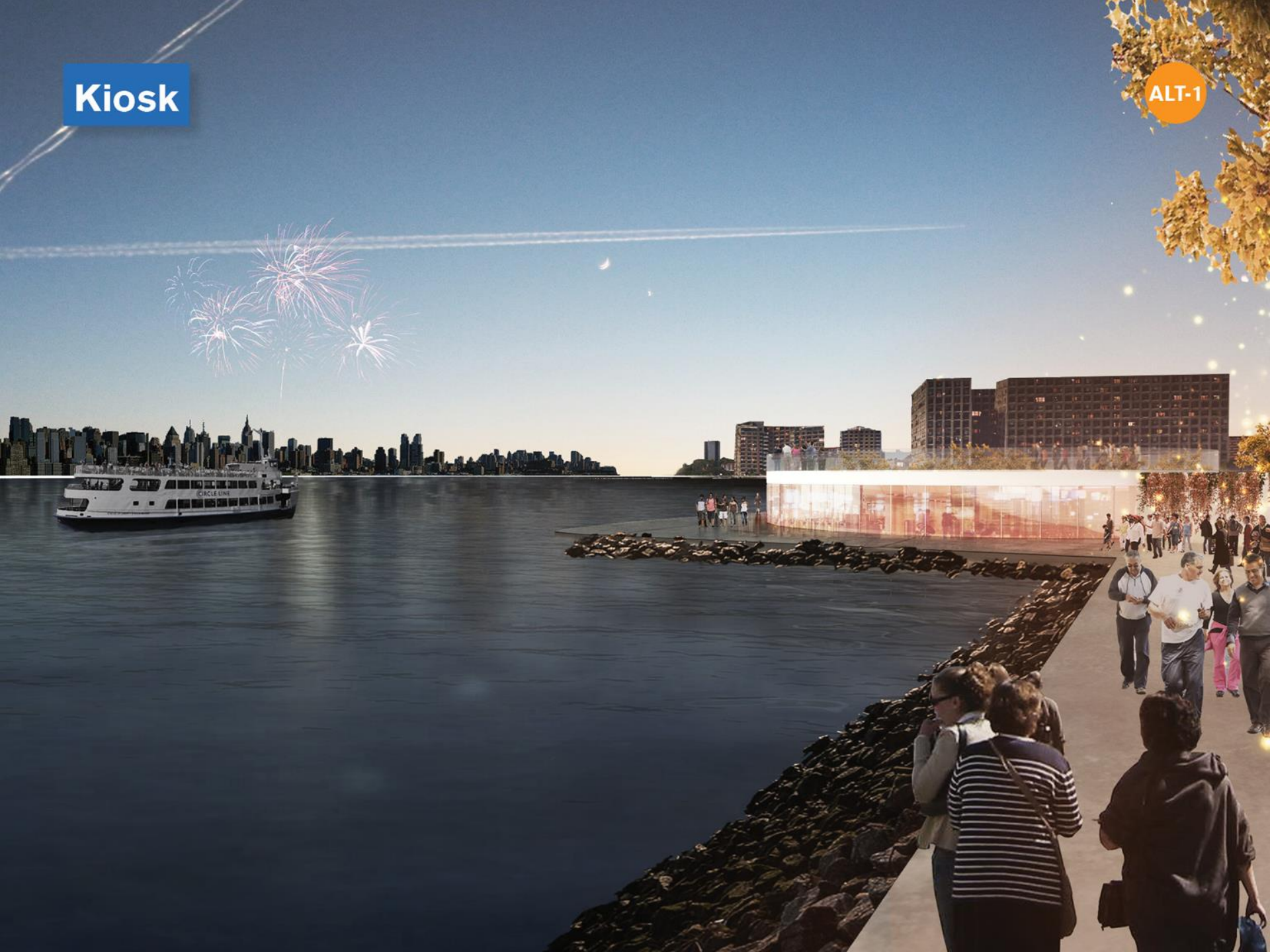
KIOSK

PARKING



Kiosk

ALT-1



Alt. 1 - Weehawken Park Space

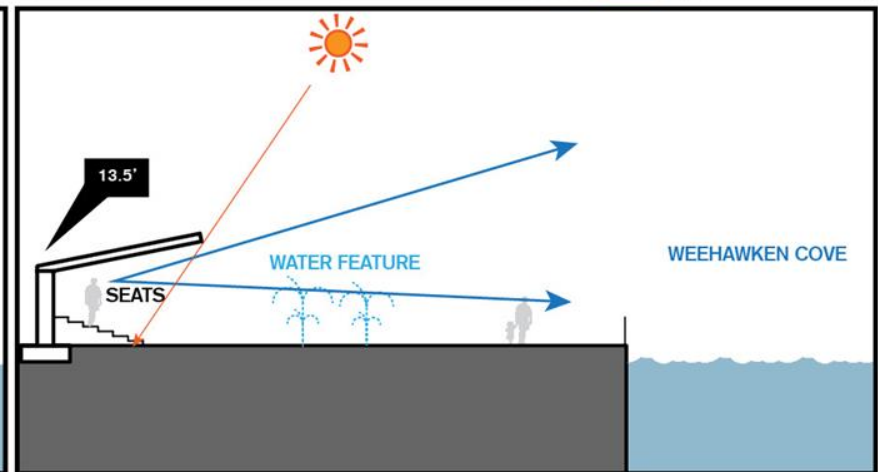
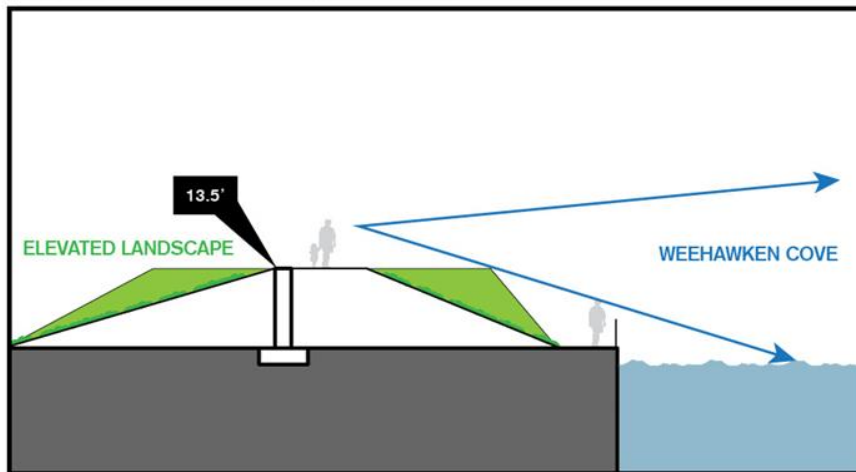
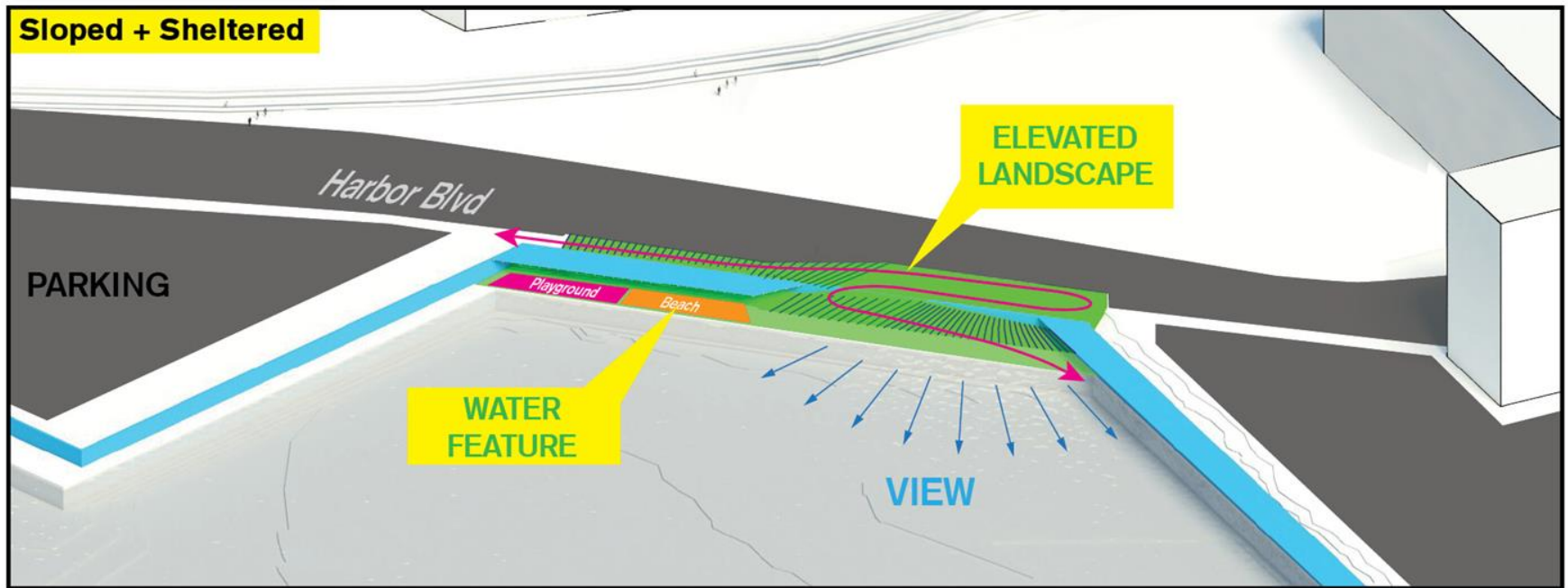
ALT-1



Alt. 1 - Park

ALT-1

Sloped + Sheltered



Sloped + Sheltered

ALT-1

Harbor Blvd

ELEVATED
LANDSCAPE

WATER
FEATURE

Beach

Playground

VIEW



WEEHAWKEN COVE

Sloped + Sheltered

ALT-1



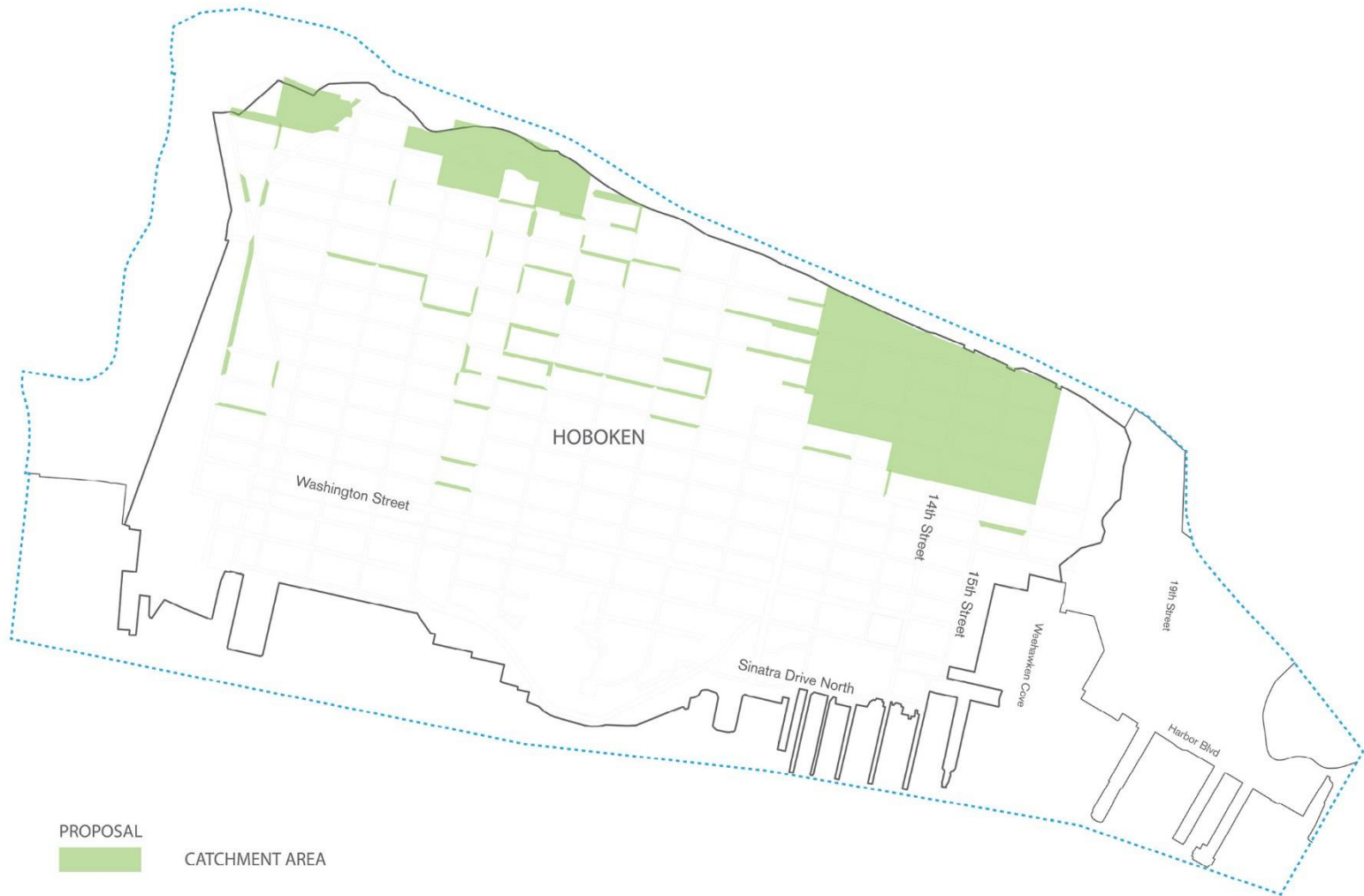
Delay Store Discharge

Citywide Strategy

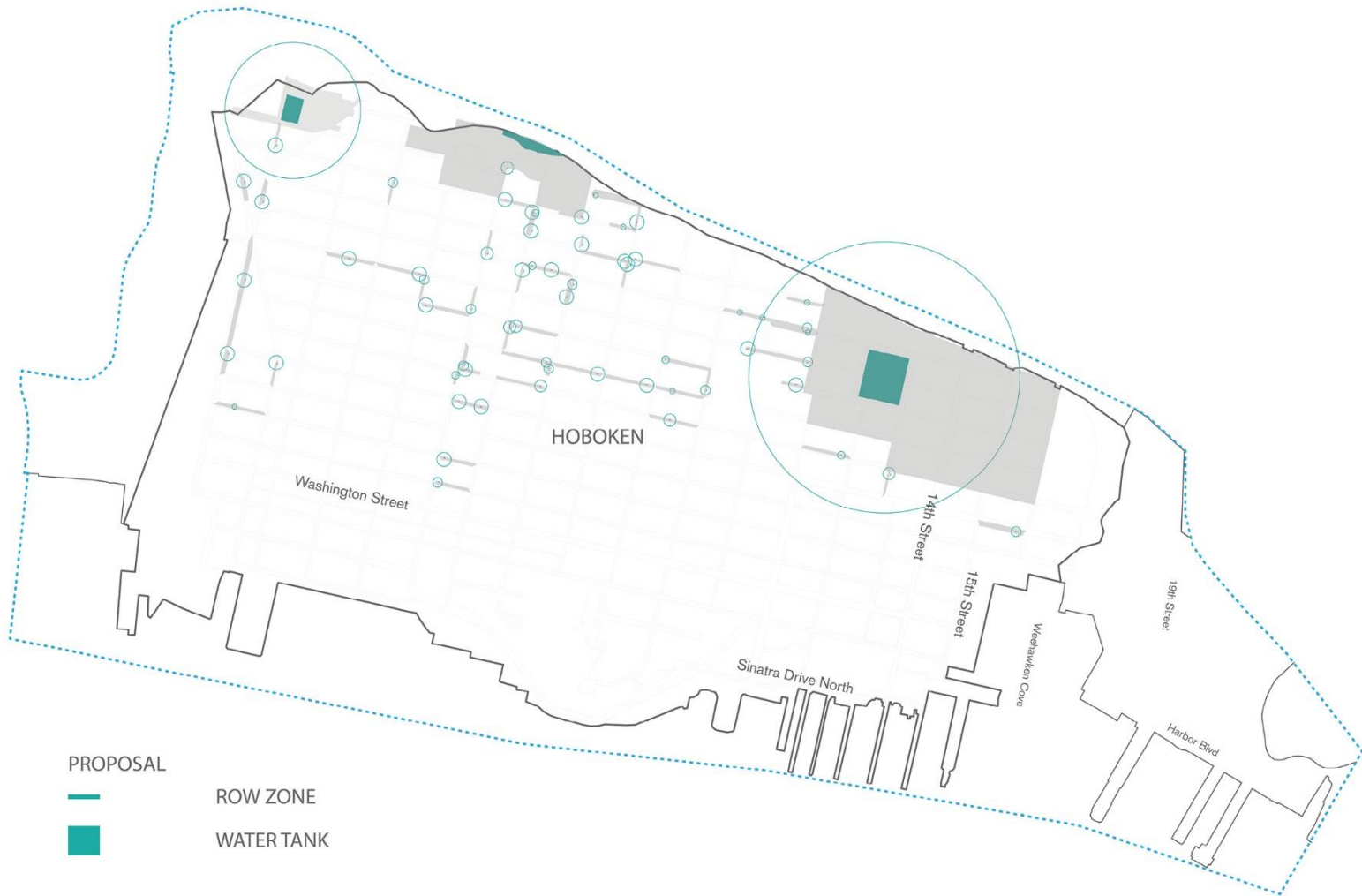
This aerial map of Hoboken, New Jersey, highlights three specific locations for proposed developments. The **BLOCK 10 SITE** is located in the northwest corner of the city, near Jersey Avenue and the Hudson River. The **NJ TRANSIT SITE** is situated in the northern part of the city, adjacent to the Hudson-Bergen Light Rail line. The **BASF SITE** is located in the eastern part of the city, near the North Hudson State Park Authority. The map also shows the city boundaries of Jersey City to the north and west, Union City to the northeast, and Weehawken to the east. The Hudson River is visible to the south, with the Hoboken Terminal and various piers along the waterfront. Key streets labeled include Jersey Avenue, Washington Street, Sinatra Drive, and Harbor Blvd.

BASF SITE

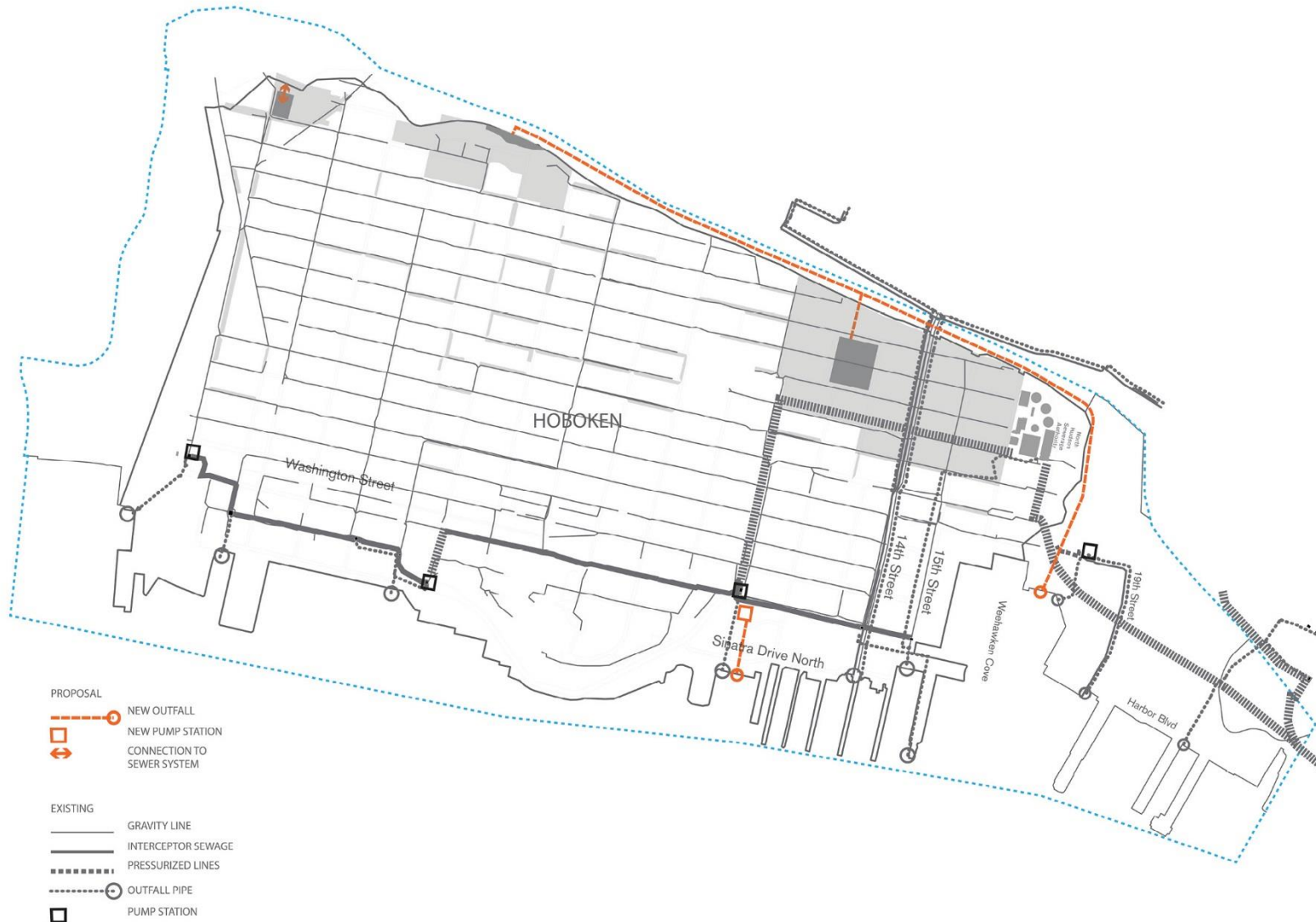
Delay



Store

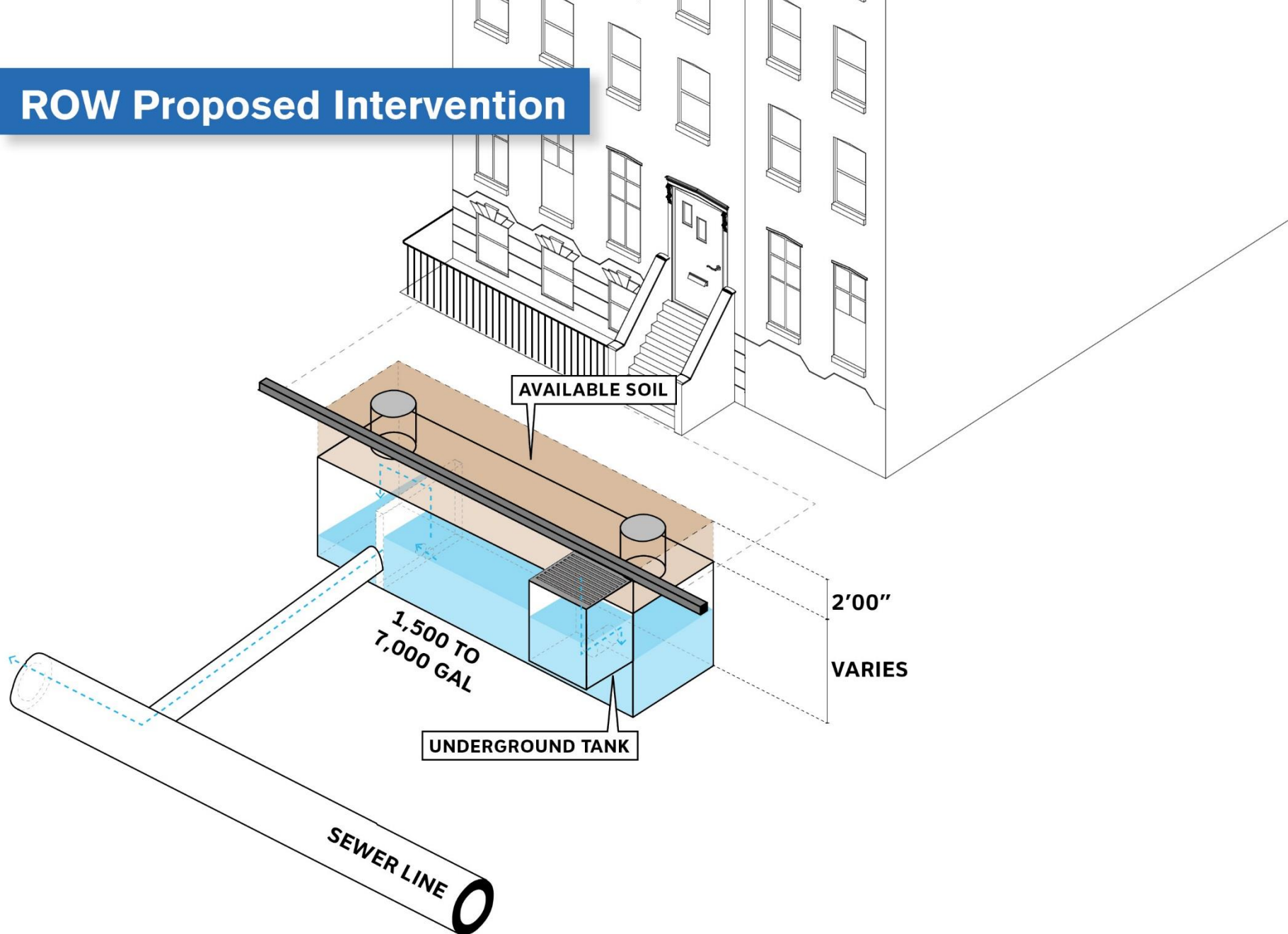


Discharge



Right of Way Sites

ROW Proposed Intervention



The map shows the city of Hoboken, New Jersey, with its surrounding areas. The Hudson River is at the bottom, and the Jersey City skyline is visible in the background. The map is labeled with 'JERSEY CITY' to the north, 'UNION CITY' to the northeast, 'HOBOKEN' in the center, and 'WEEHAWKEN' to the southeast. The Hudson River is labeled at the bottom. A callout box points to a specific location labeled 'T6 JEF - JEFFERSON & 10TH ST.'

T6 JEF - JEFFERSON & 10TH ST.

T6-JEF - Catchment Area



ROW - Typical Sidewalk Condition - Implementation

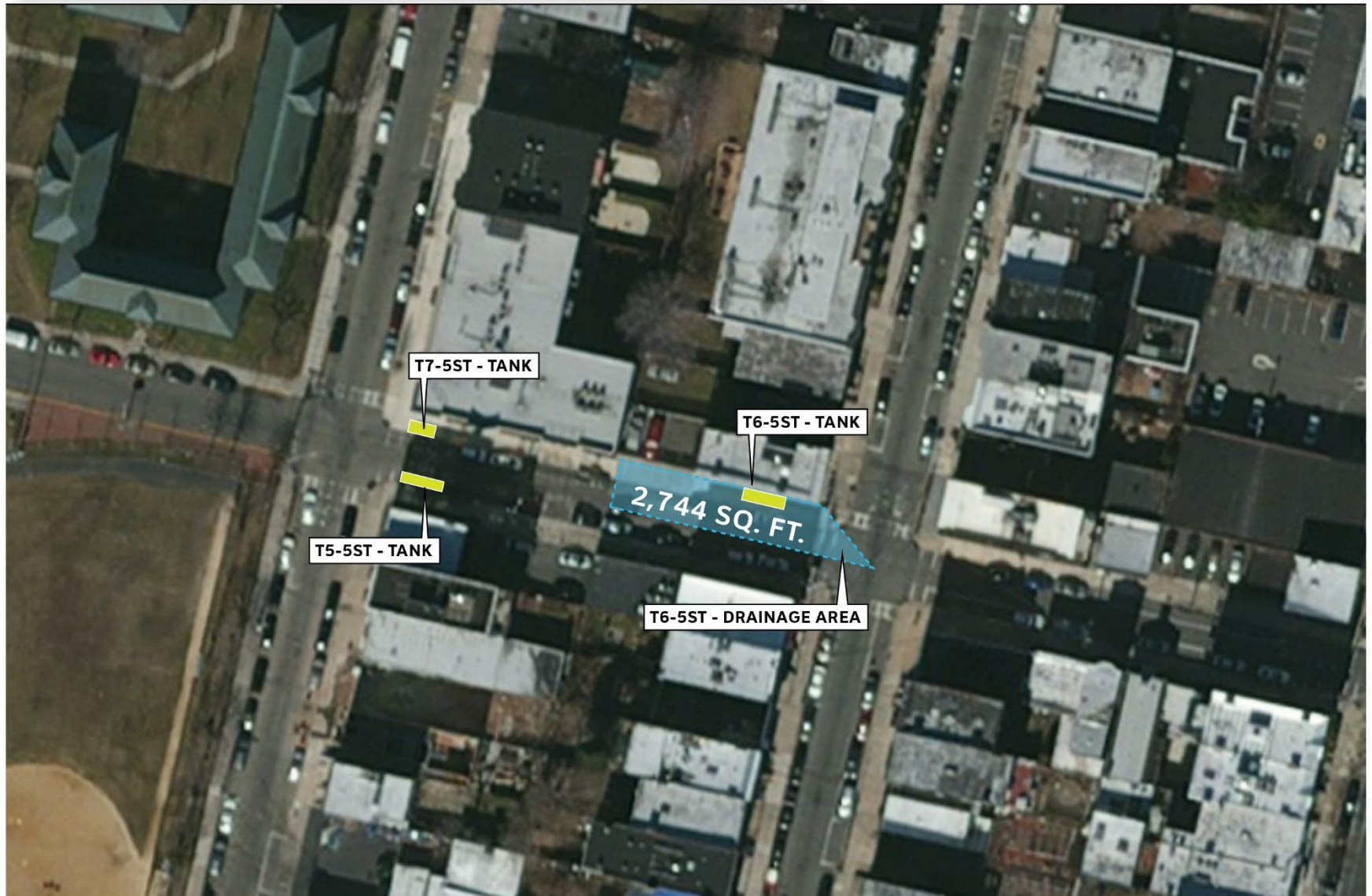
UNDERGROUND WATER STORAGE UNIT

TYPICAL CONDITION

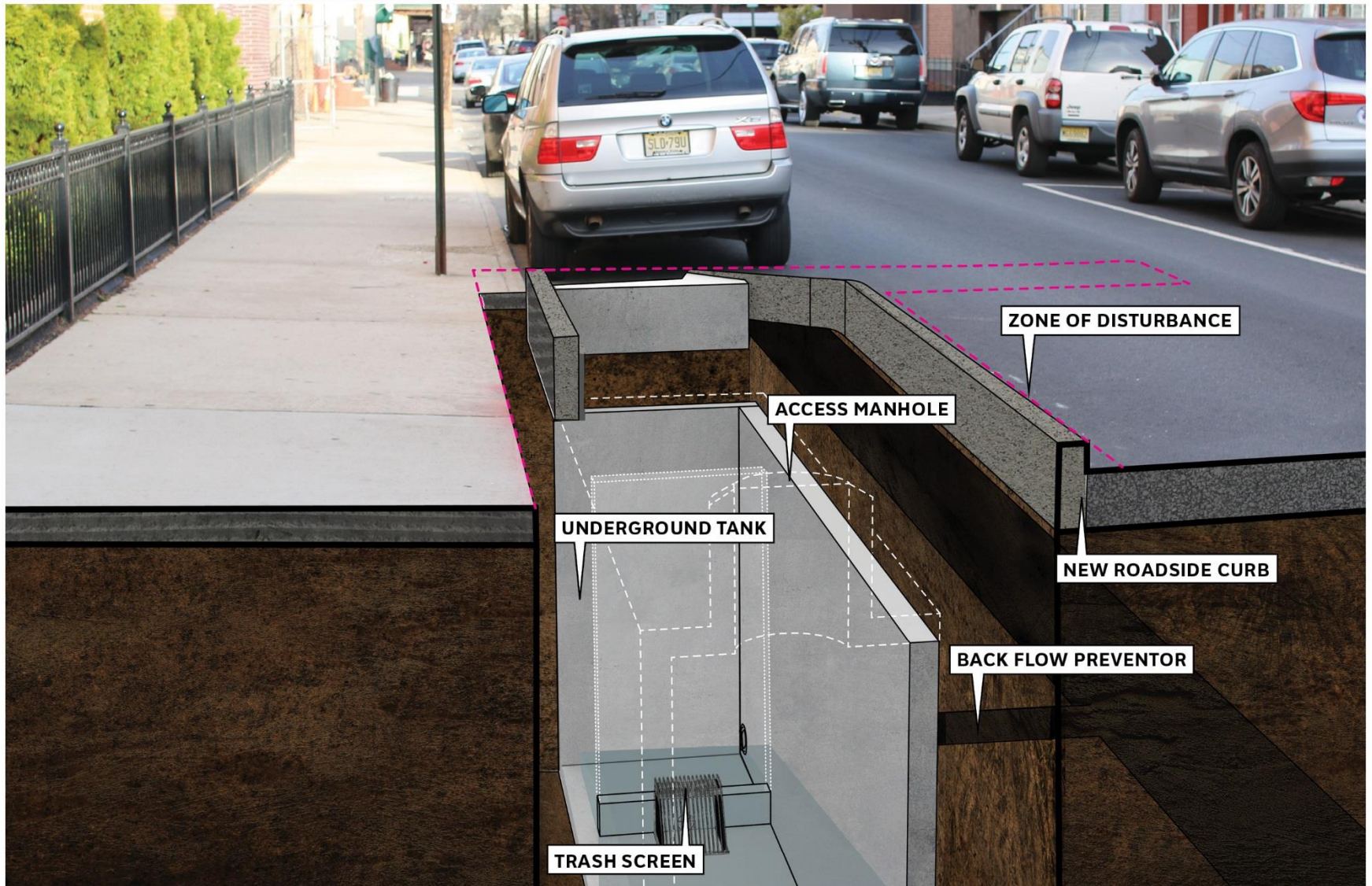
The map illustrates the city of Hoboken, New Jersey, and its surrounding areas. Key features include:

- Geography:** The Hudson River is located to the south of Hoboken. The city is bordered by Jersey City to the north and west, Union City to the northeast, and Weehawken to the east.
- Transit:** The Hudson Bergen Light Rail line is shown running through the city. A specific location is highlighted with a callout box: **T6 5ST - MONROE & 5TH ST.**
- Streets:** Major streets labeled include Jersey Avenue, Washington Street, Sinatra Drive, and Harbor Blvd. Other streets shown include 1st Street, 14th Street, 15th Street, and 16th Street.
- Landmarks:** The Hoboken Terminal is located on the left side of the map. A large green area on the right side represents a park or undeveloped land.
- Infrastructure:** The map shows a network of streets and transit routes, with green lines indicating the light rail system.

ROW - Typical Bump Out Condition



ROW - Typical Bump Out Condition - Implementation



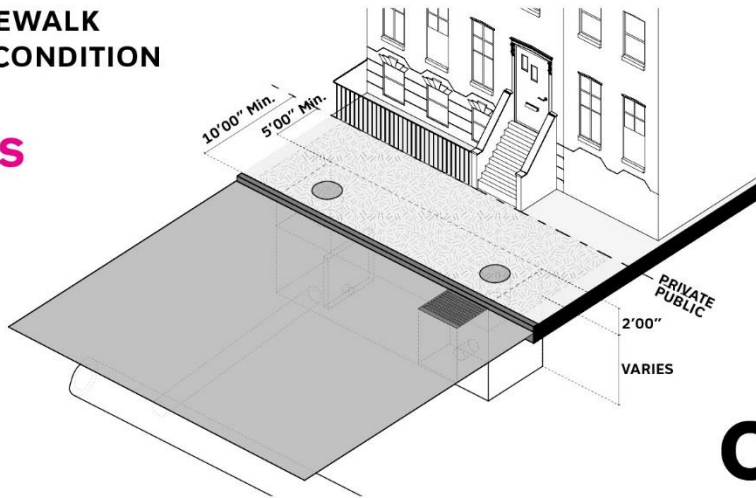
ROW - Typical Bump Out Condition - Implementation



ROW - Alternative Amenities

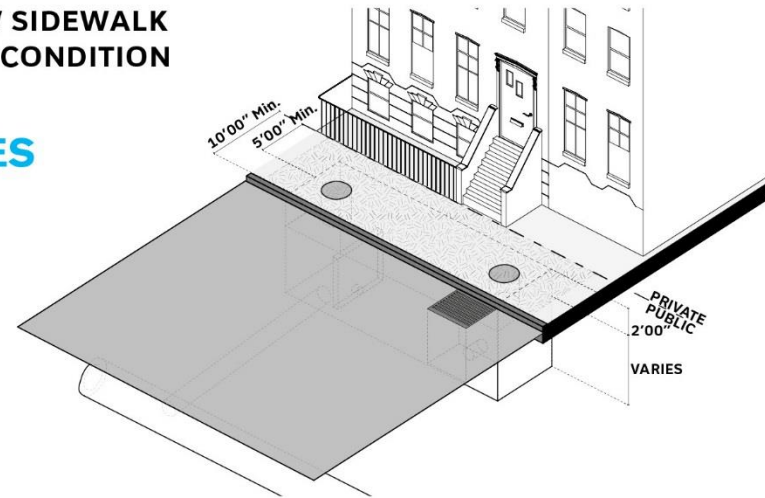
WIDE SIDEWALK
TYPICAL CONDITION

49 SITES

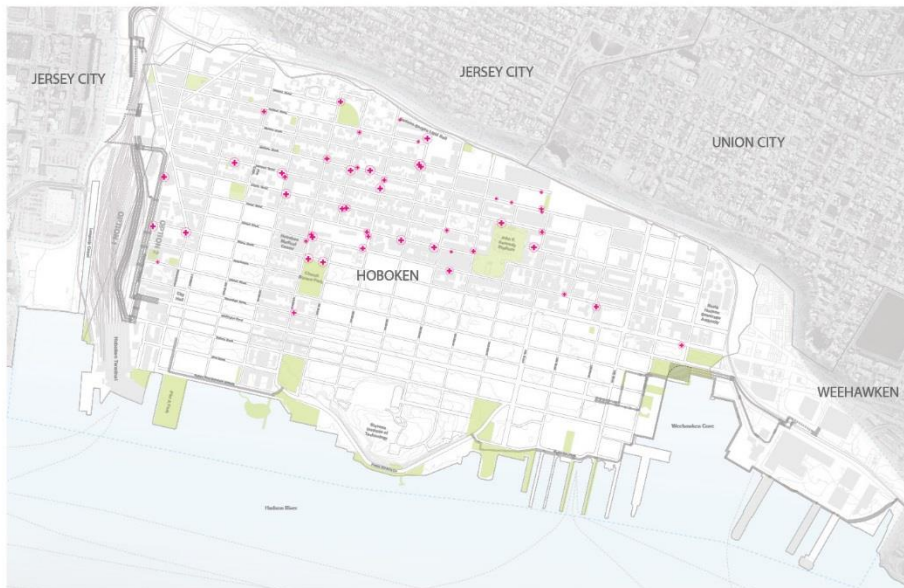


NARROW SIDEWALK
TYPICAL CONDITION

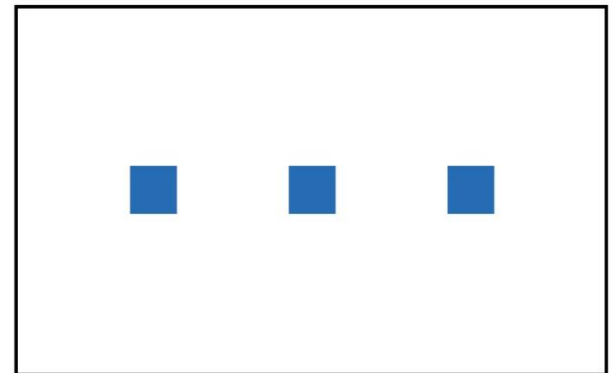
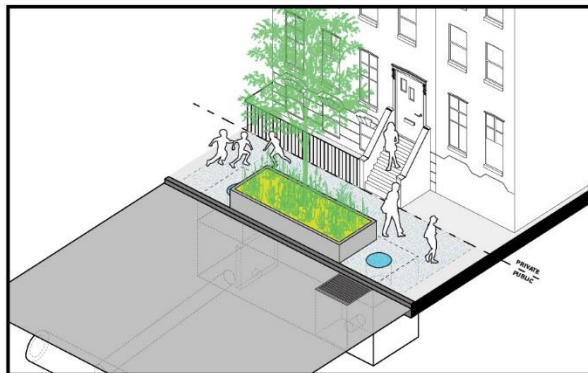
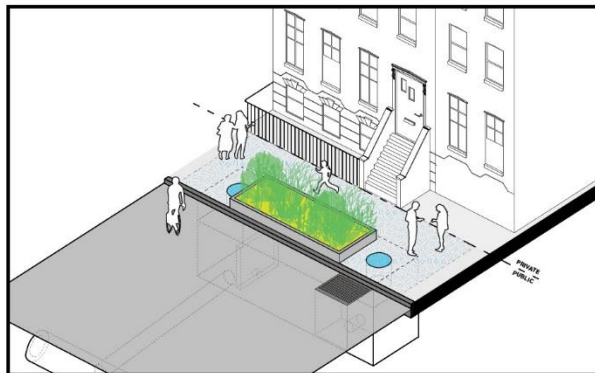
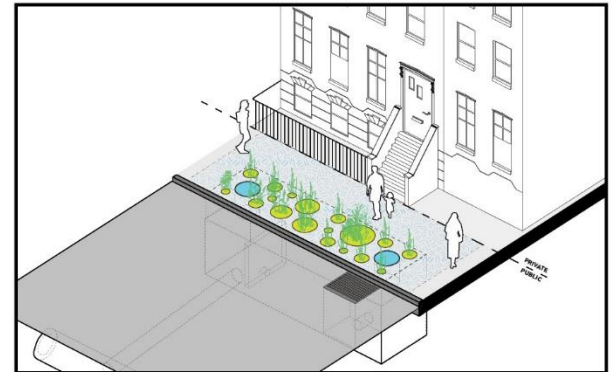
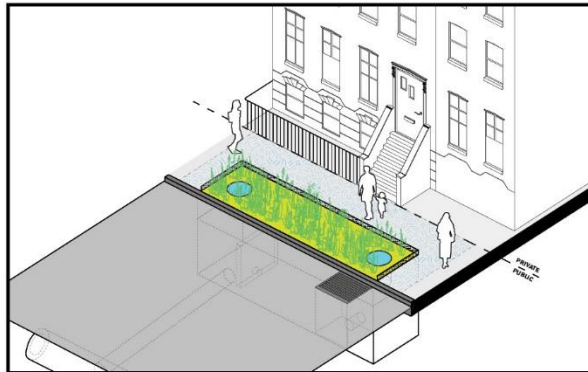
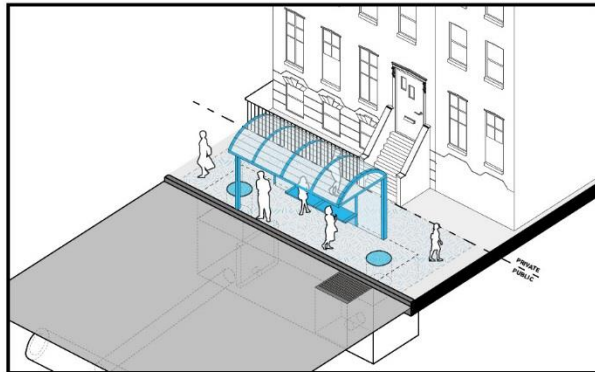
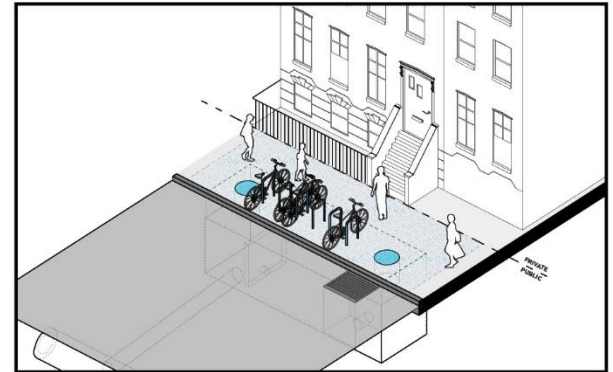
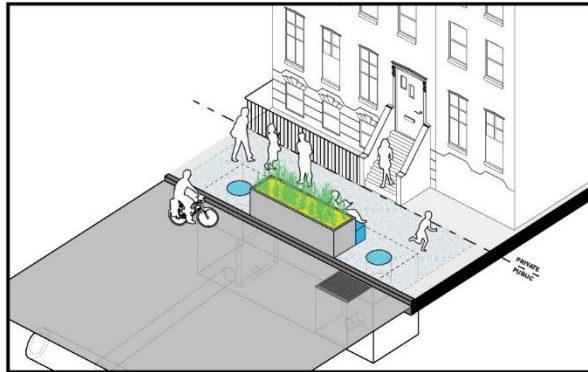
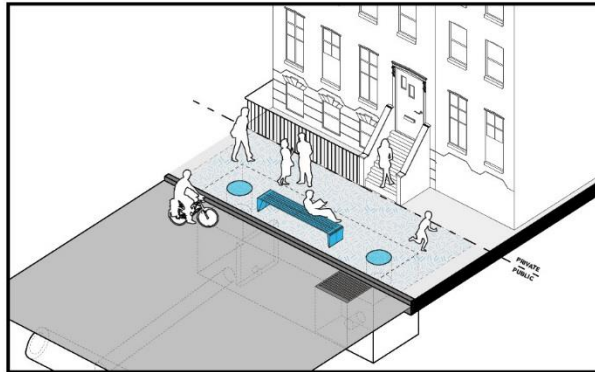
12 SITES



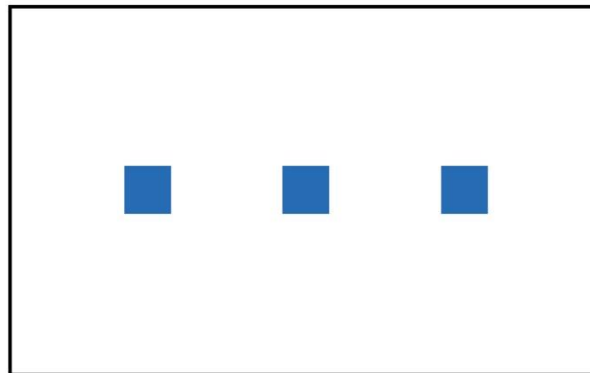
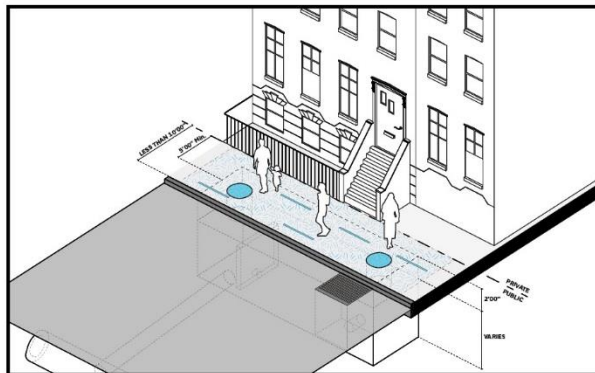
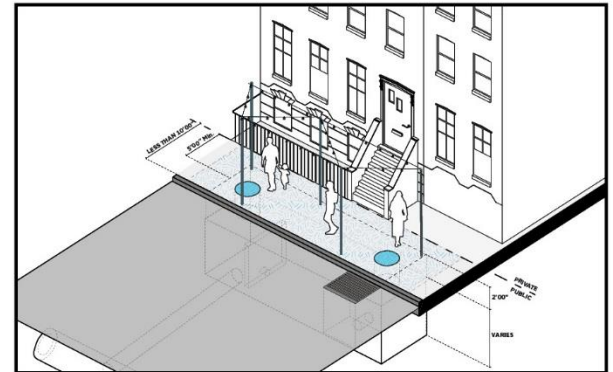
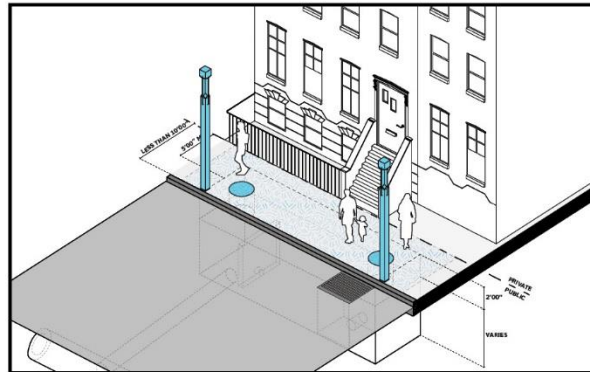
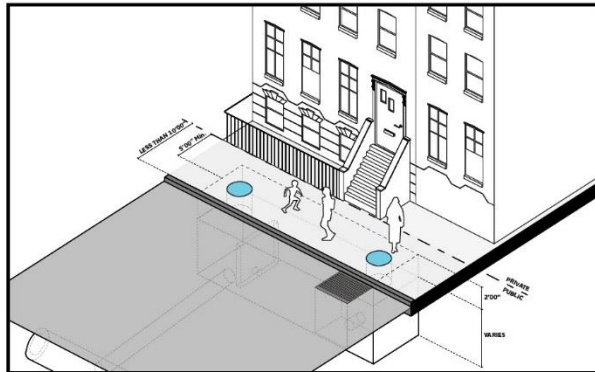
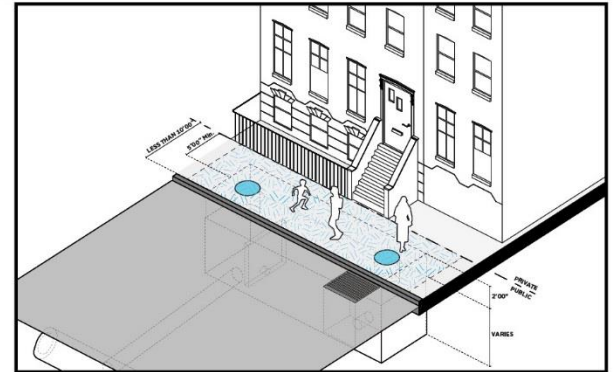
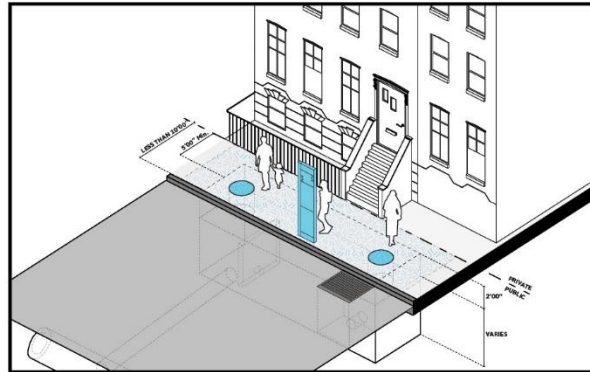
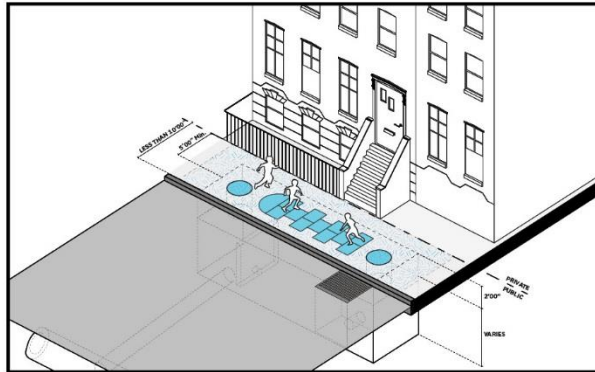
OR



Wide Sidewalk - Alternative Amenities



Narrow Sidewalk - Alternative Amenities



BASF Site

BASF Site

DESTINATION



RECREATION



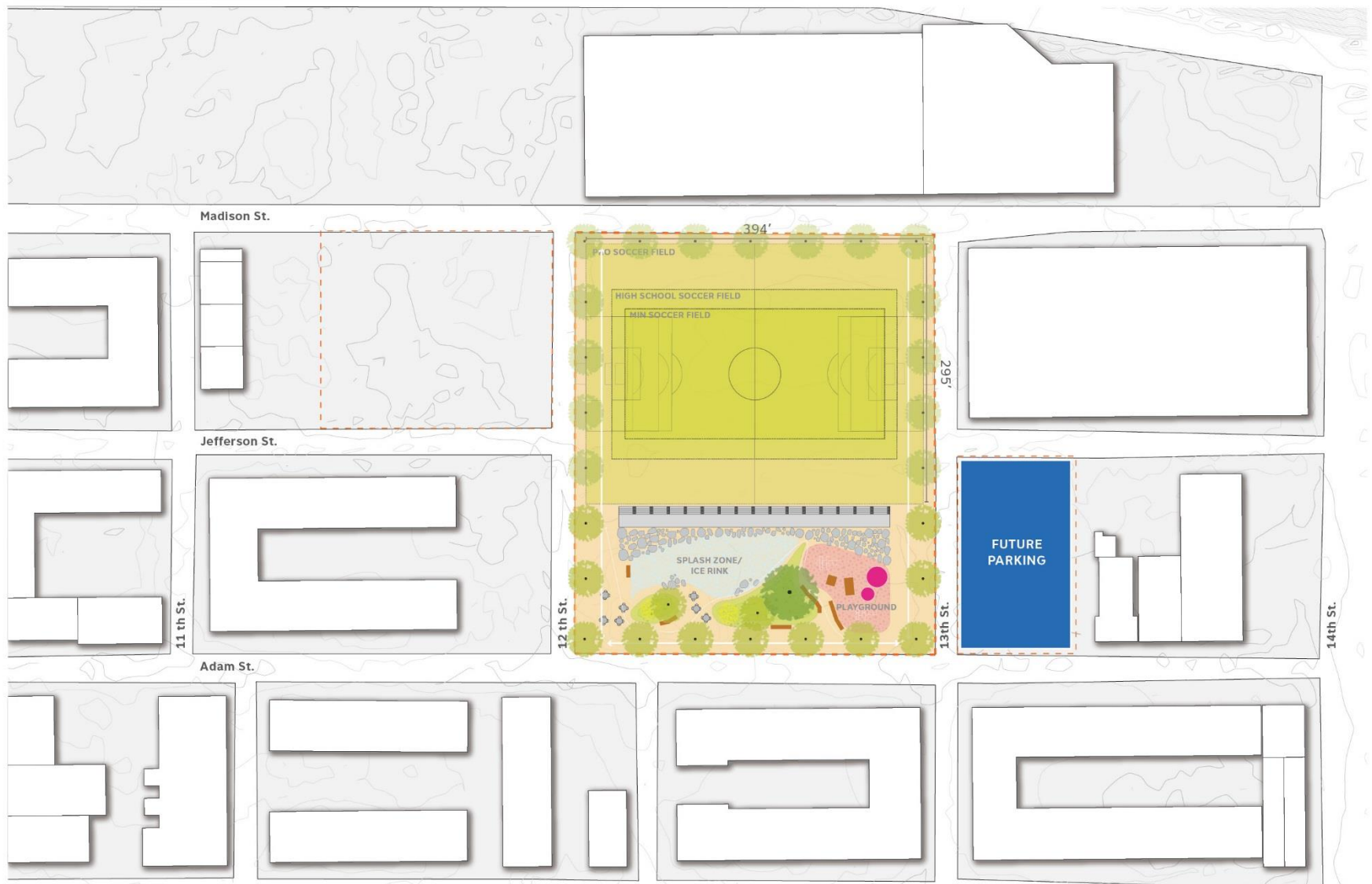
ECO



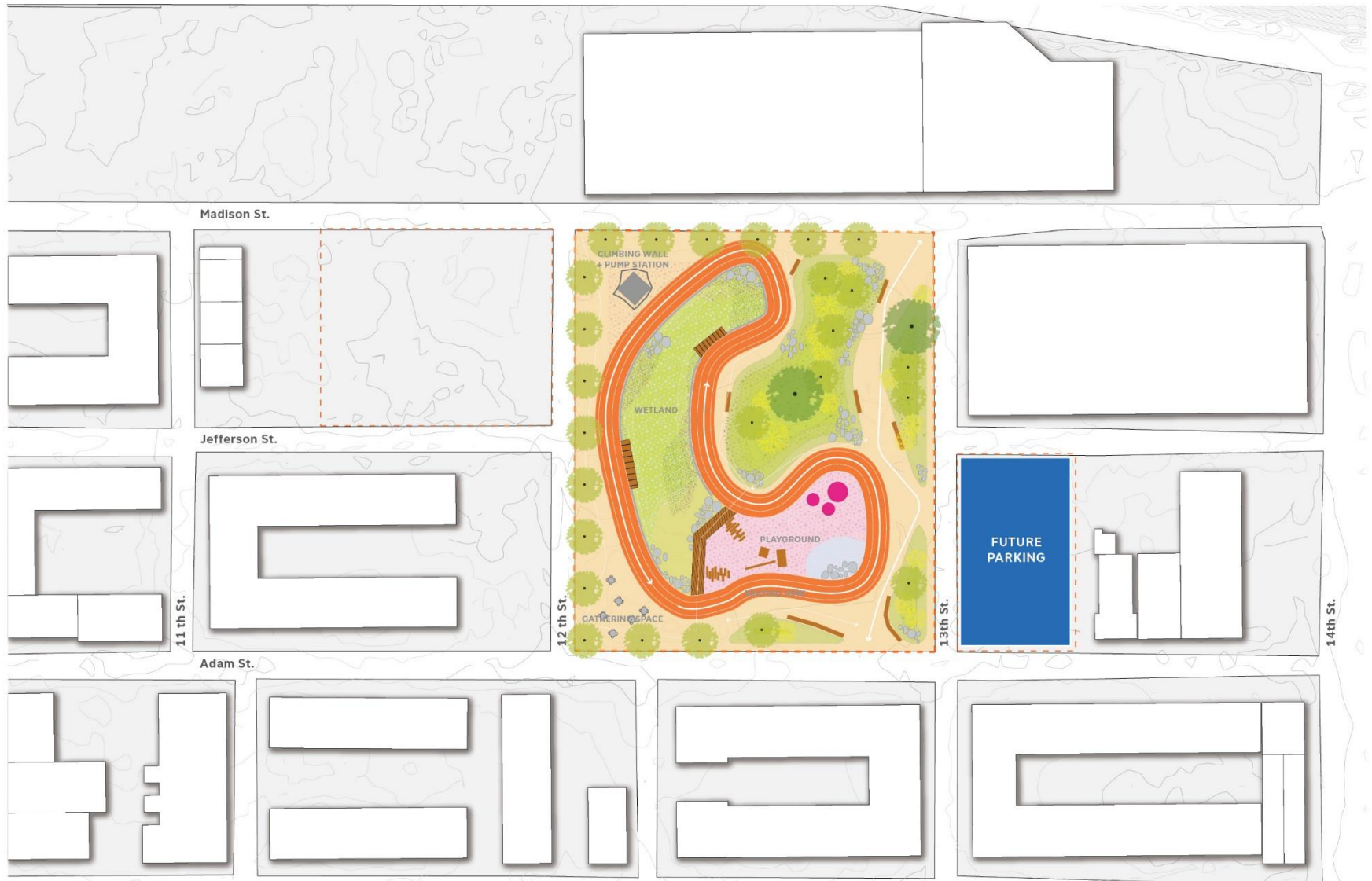
BASF Site - Option 01 - Destination



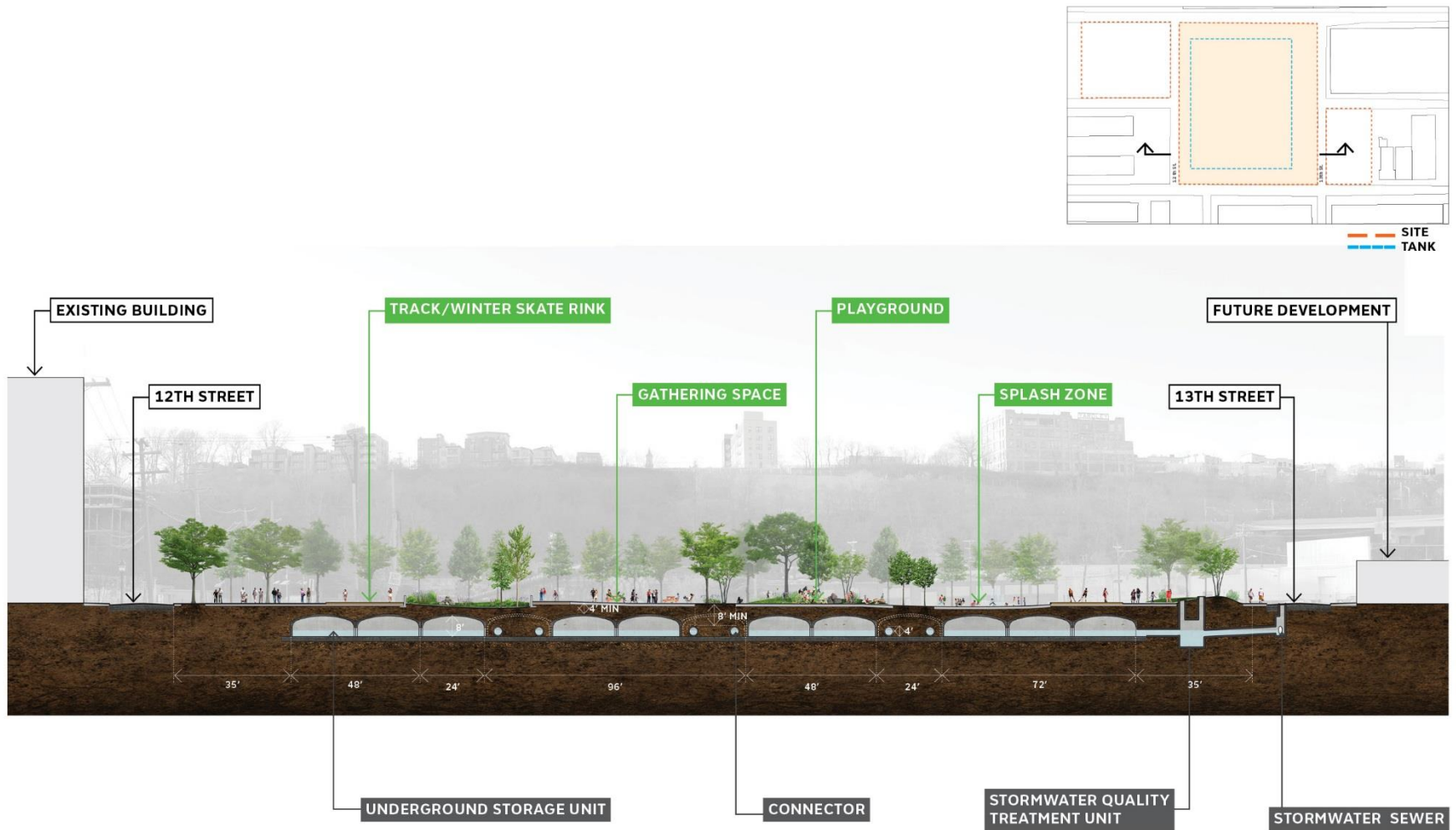
BASF Site - Option 02 - Recreation



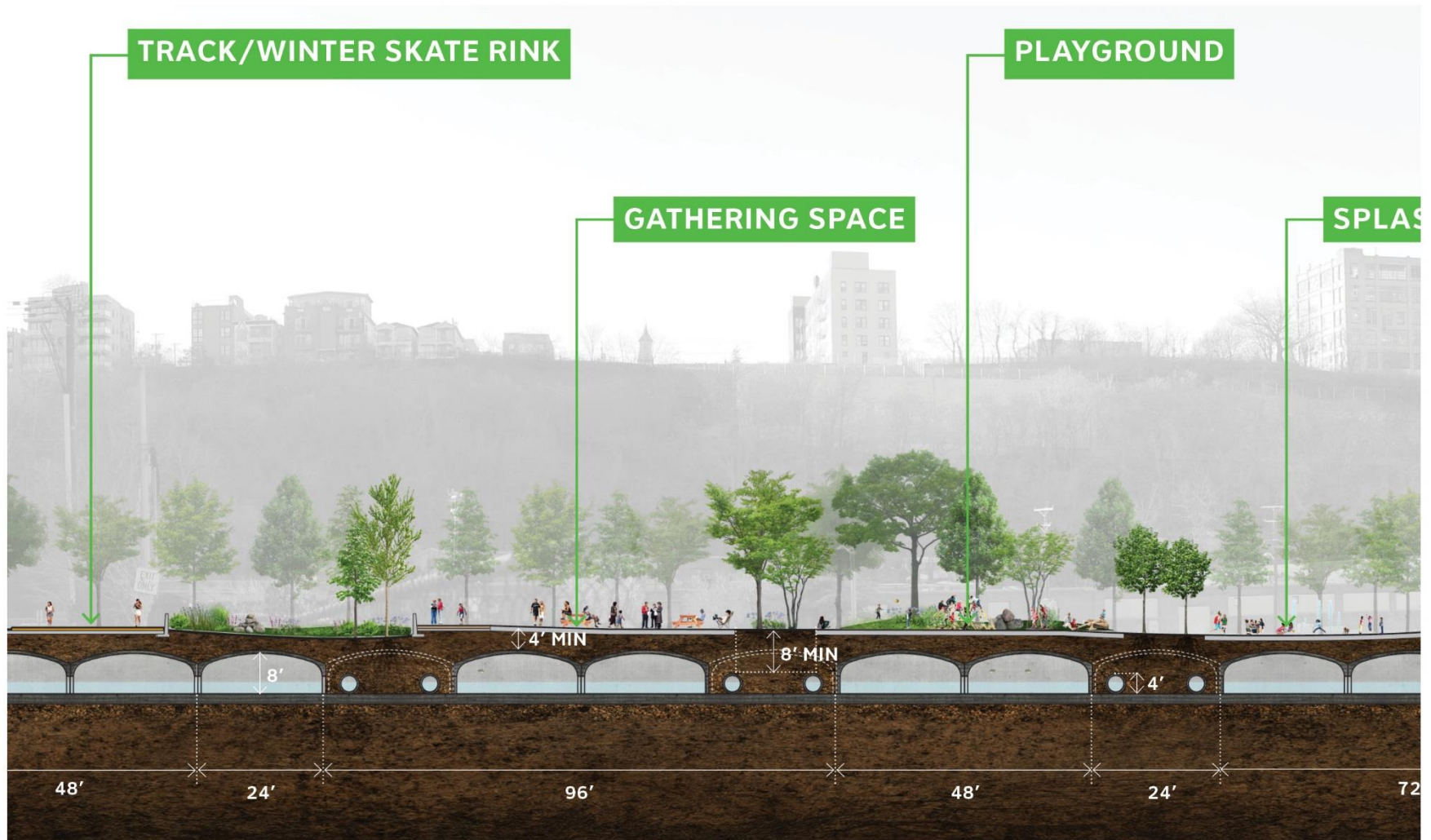
BASF Site - Option 03 - Eco



BASF Site - Cross Section



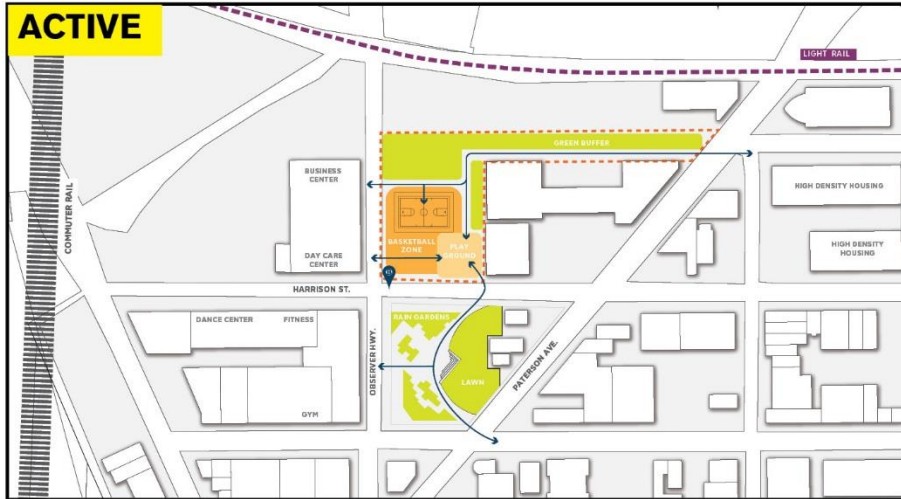
BASF Site - Cross Section



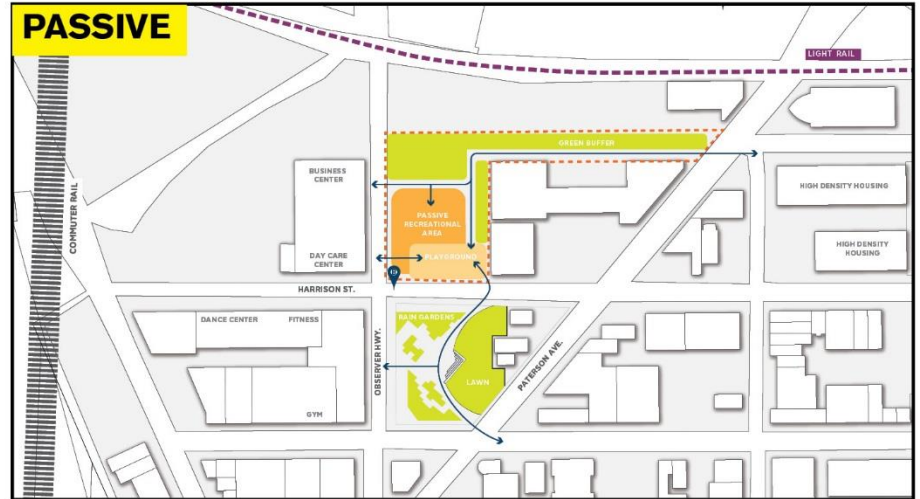
Block 10 Site

Block 10

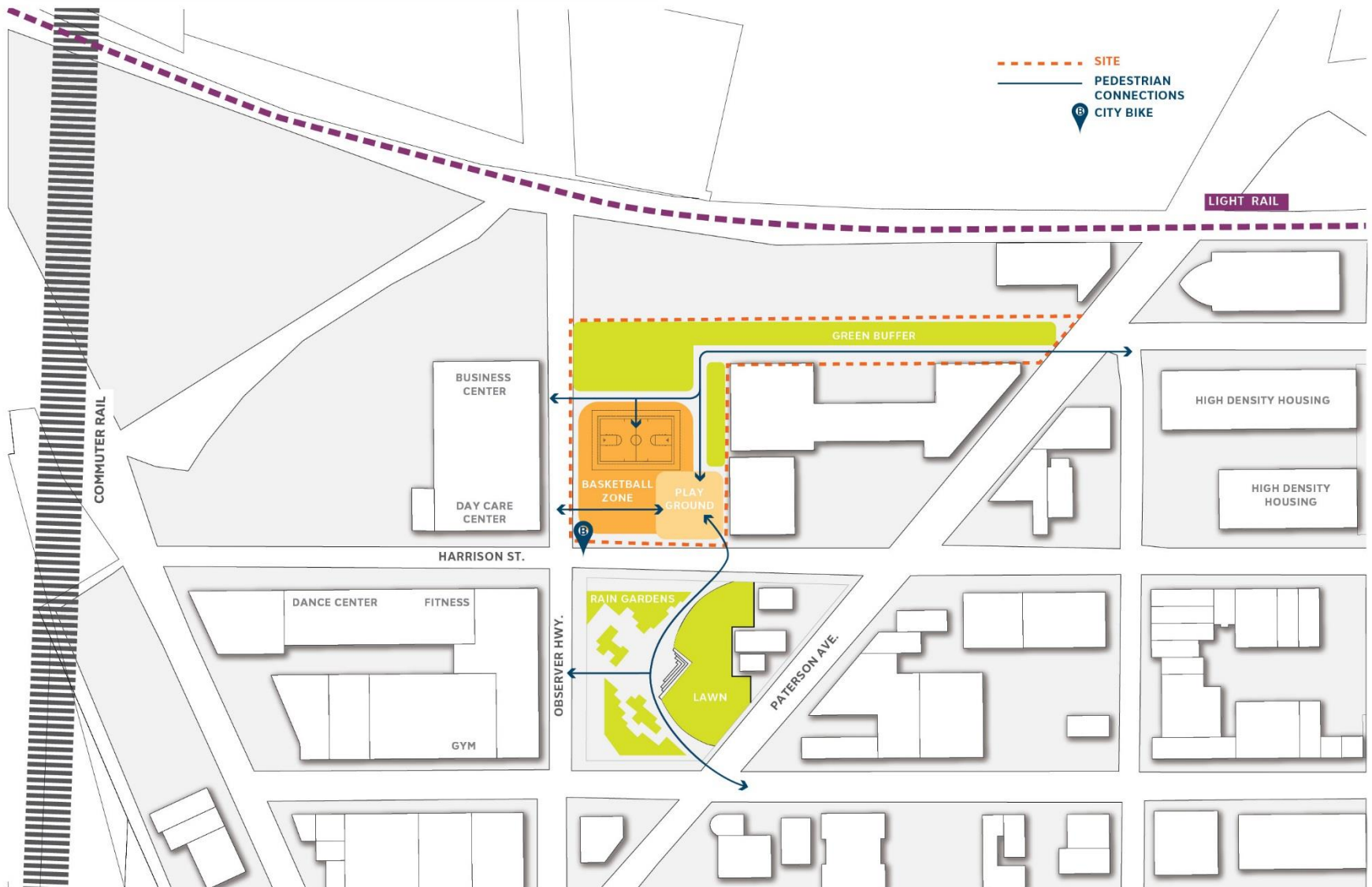
ACTIVE



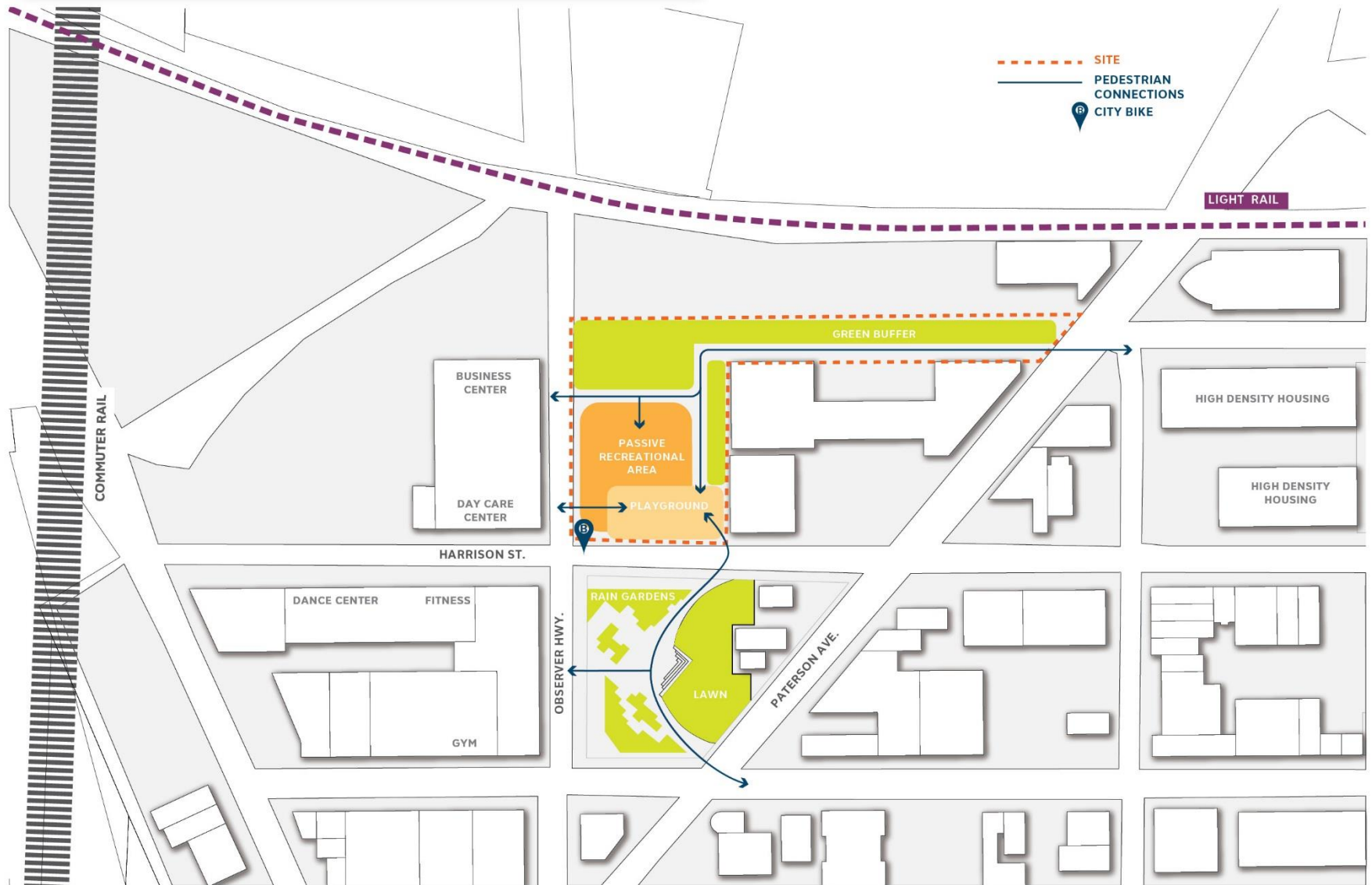
PASSIVE



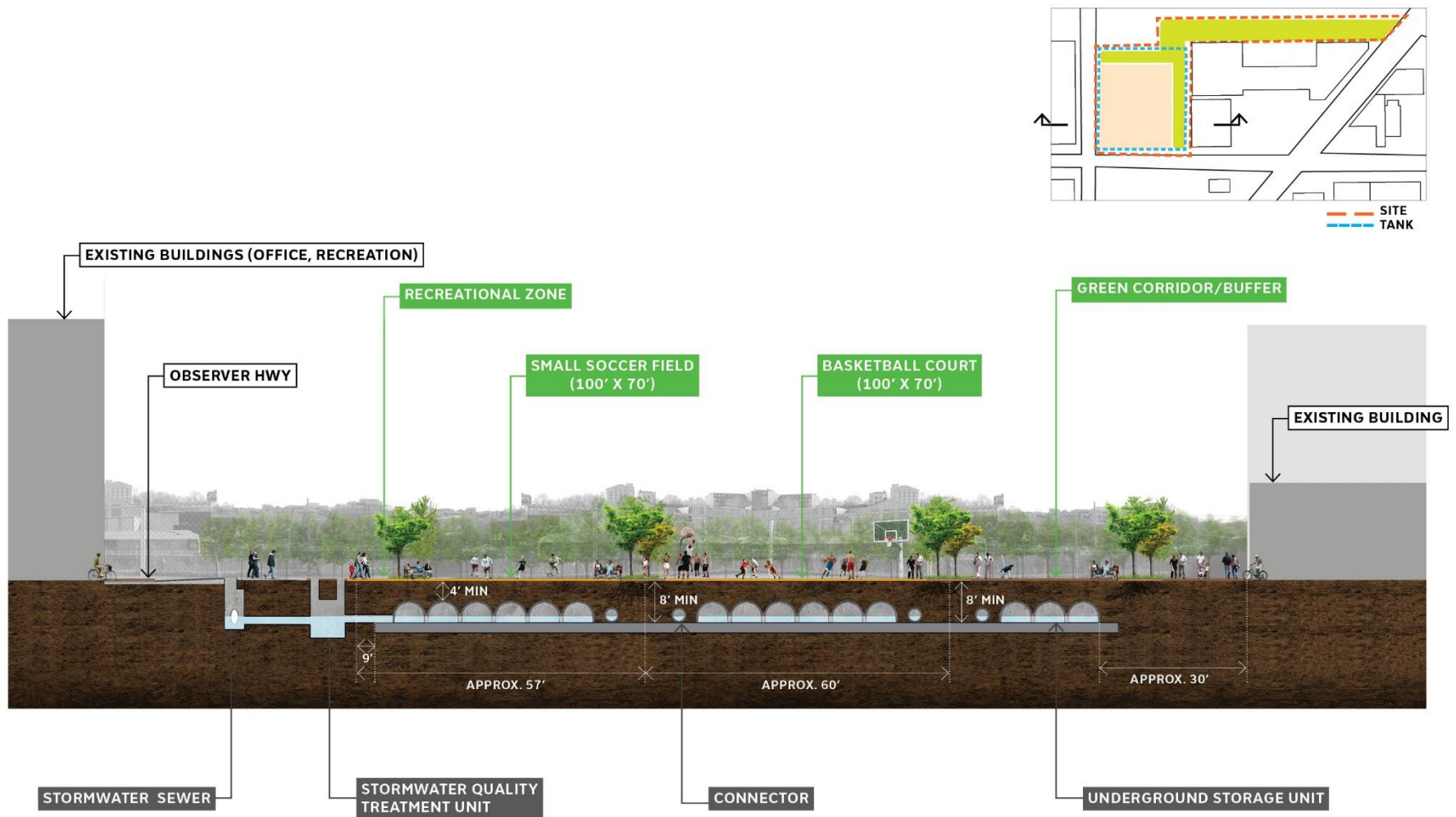
Block 10 - Option 01 - Active



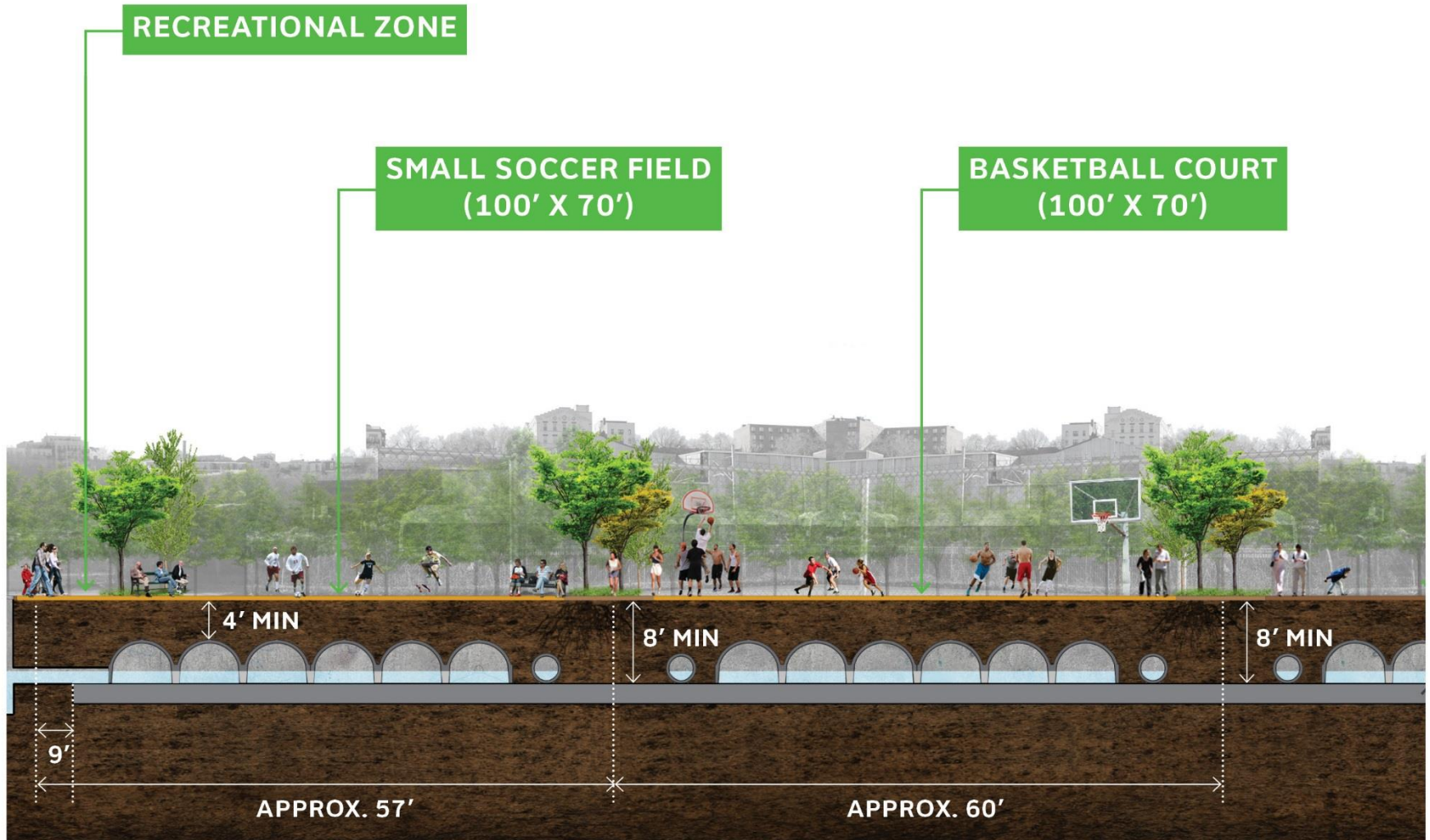
Block 10 - Option 02 - Passive



Block 10 - Cross Section

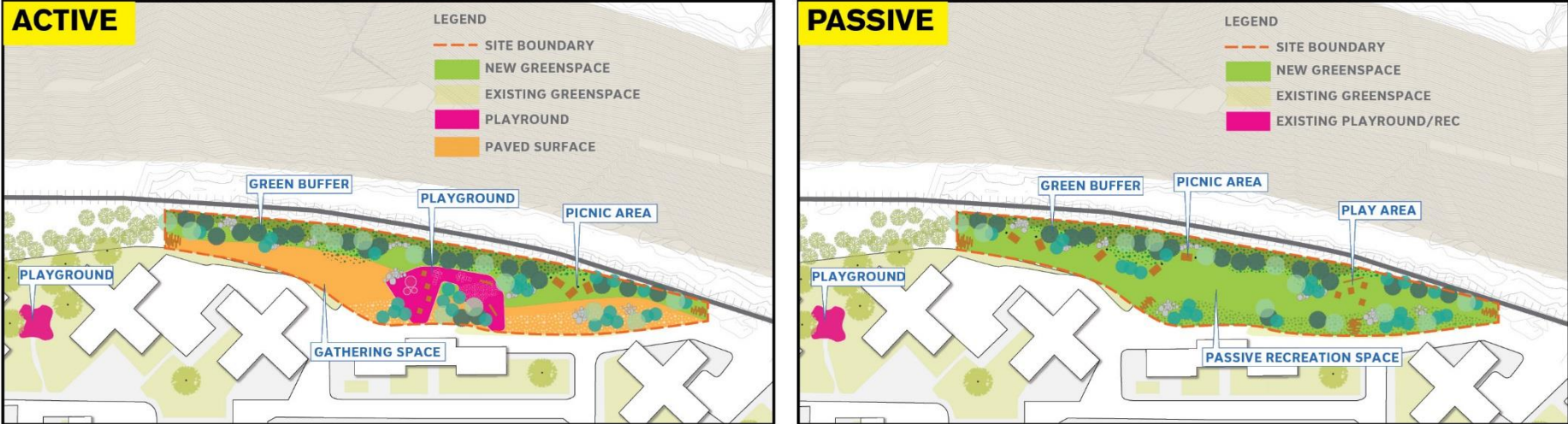


Block 10 - Cross Section



New Jersey Transit Site

NJ Transit Site



NJ Transit - Option 01 - Active



NJ Transit - Option 02 - Passive



Breakout

Zones 2-3 (North Hoboken)

Zones 4-5 (North and South Waterfront)

**Zones 1, 6-7 (Weehawkeek South Hoboken)
+ Toolkit**

Delay, Store, Discharge

END