

REBUILD BY DESIGN  
**HUDSON RIVER**

JERSEY CITY HOBOKEN WEEHAWKEN | NEW JERSEY



**PUBLIC MEETING - DESIGN ZONE 2 COVE PARK**

JUNE 6, 2019

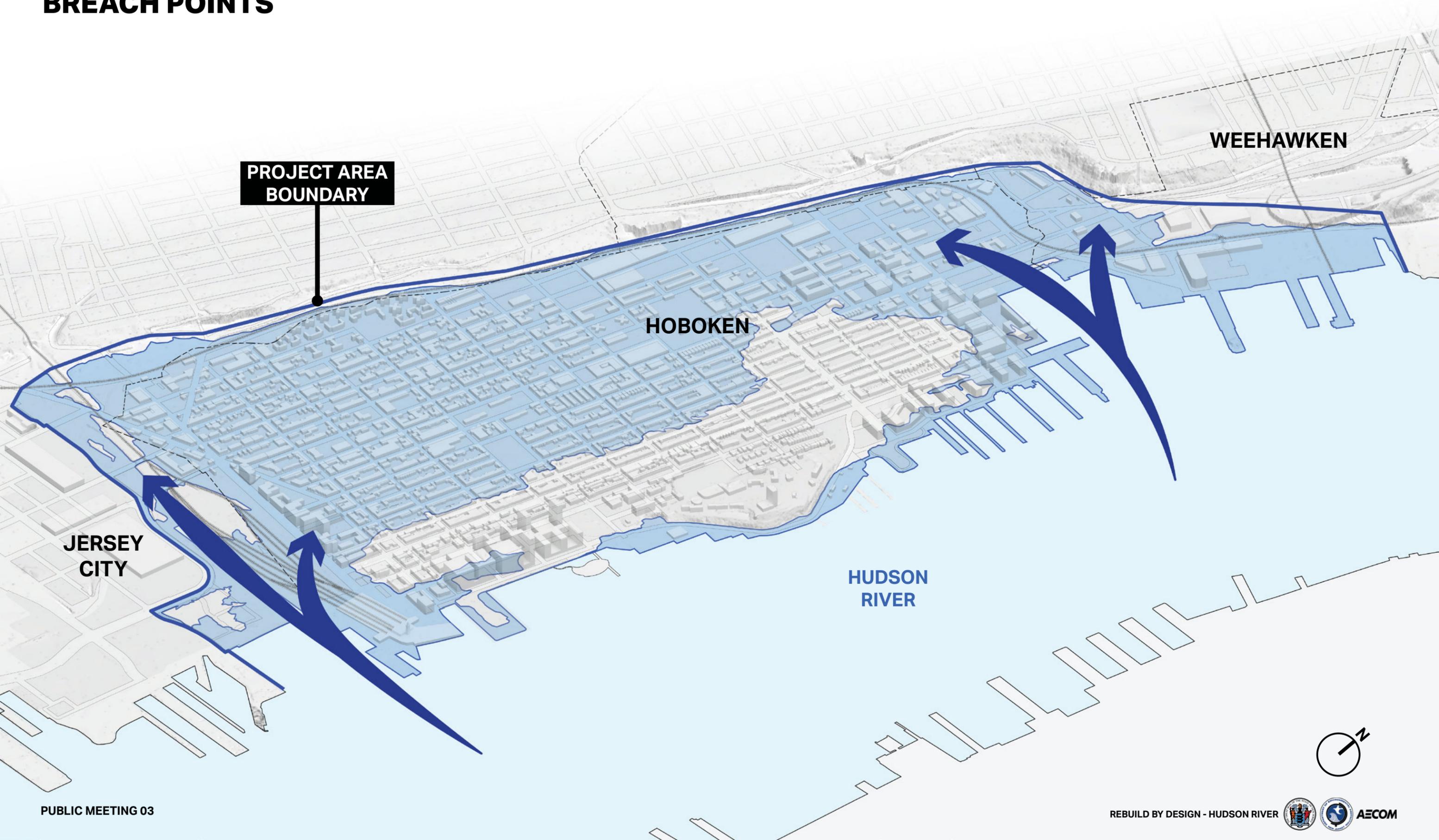


**AECOM**

**New Jersey Department of Environmental Protection  
Climate & Flood Resilience Program  
Bureau of Climate Resilience Design & Engineering**



# SUPERSTORM SANDY BREACH POINTS



**PROJECT AREA  
BOUNDARY**

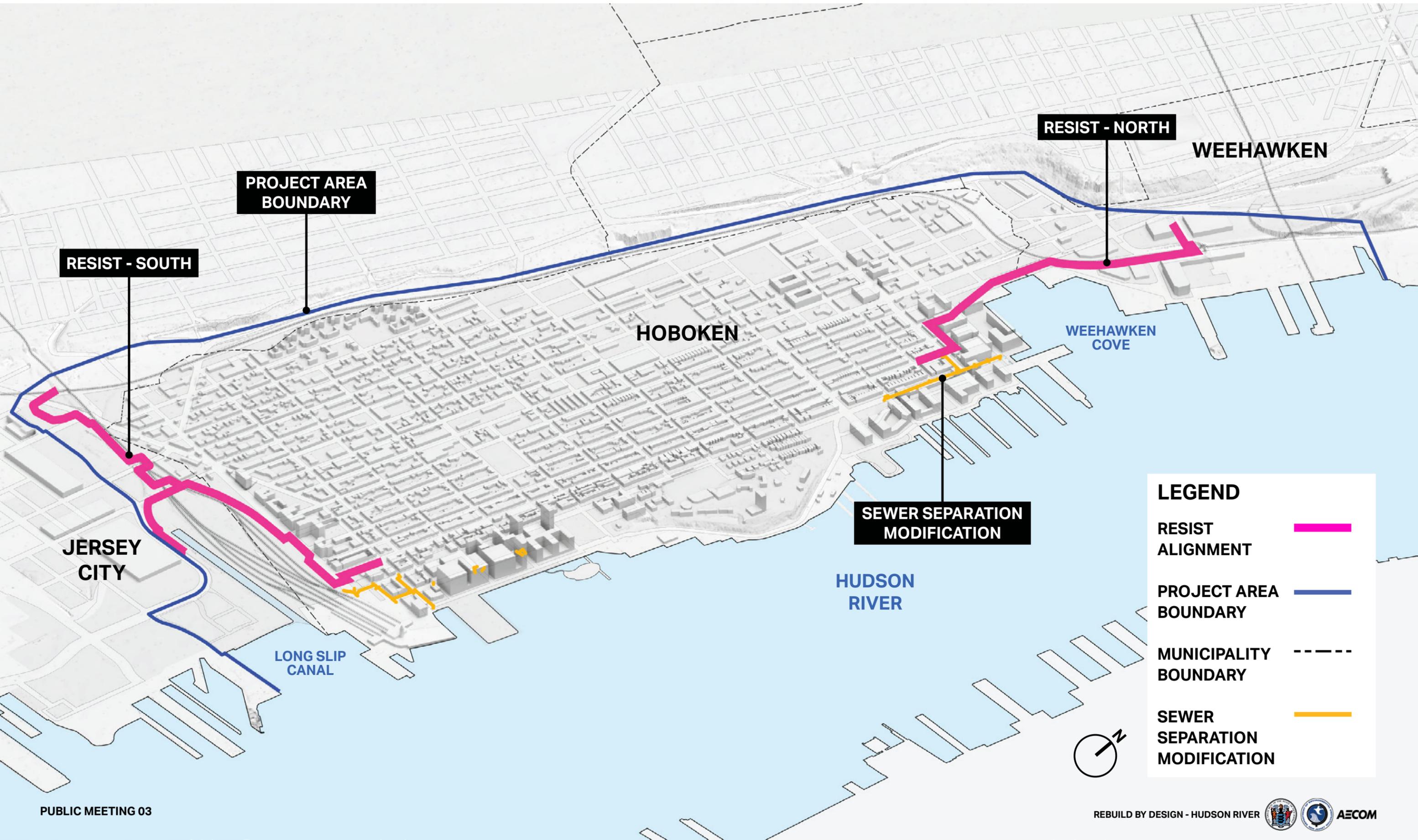
**WEEHAWKEN**

**HOBOKEN**

**JERSEY  
CITY**

**HUDSON  
RIVER**

# RESIST COMPONENTS



# MEETING AGENDA

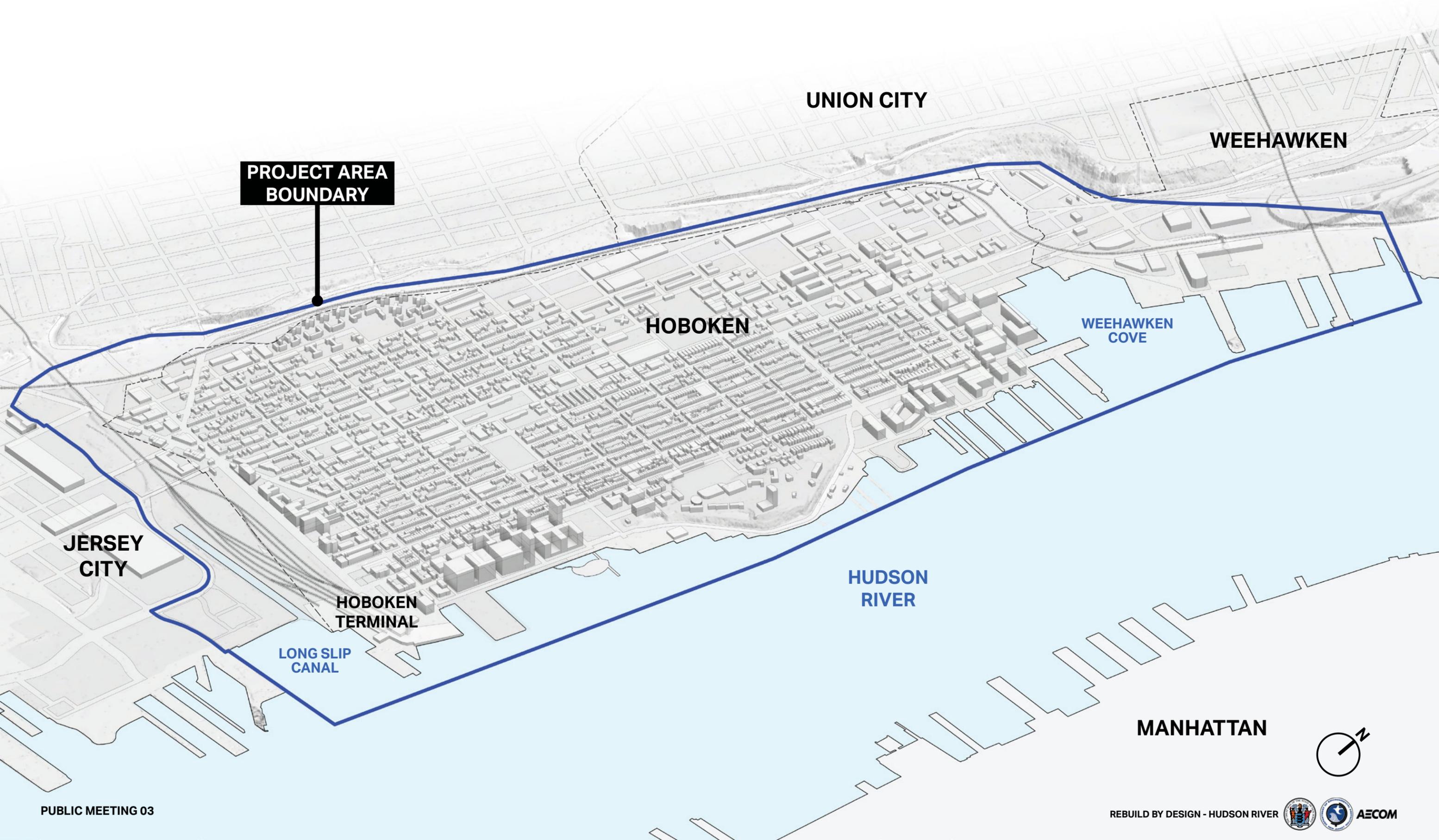
**1. TECHNICAL REVIEW**

**2. REVIEW OF PRIOR PUBLIC INPUT**

**3. DEVELOPMENT OF PARK CONCEPTS**

**4. BREAKOUT FOR DISCUSSIONS WITH  
THE DESIGN TEAM**

# PROJECT AREA



**PROJECT AREA  
BOUNDARY**

**UNION CITY**

**WEEHAWKEN**

**HOBOKEN**

**WEEHAWKEN  
COVE**

**JERSEY  
CITY**

**HOBOKEN  
TERMINAL**

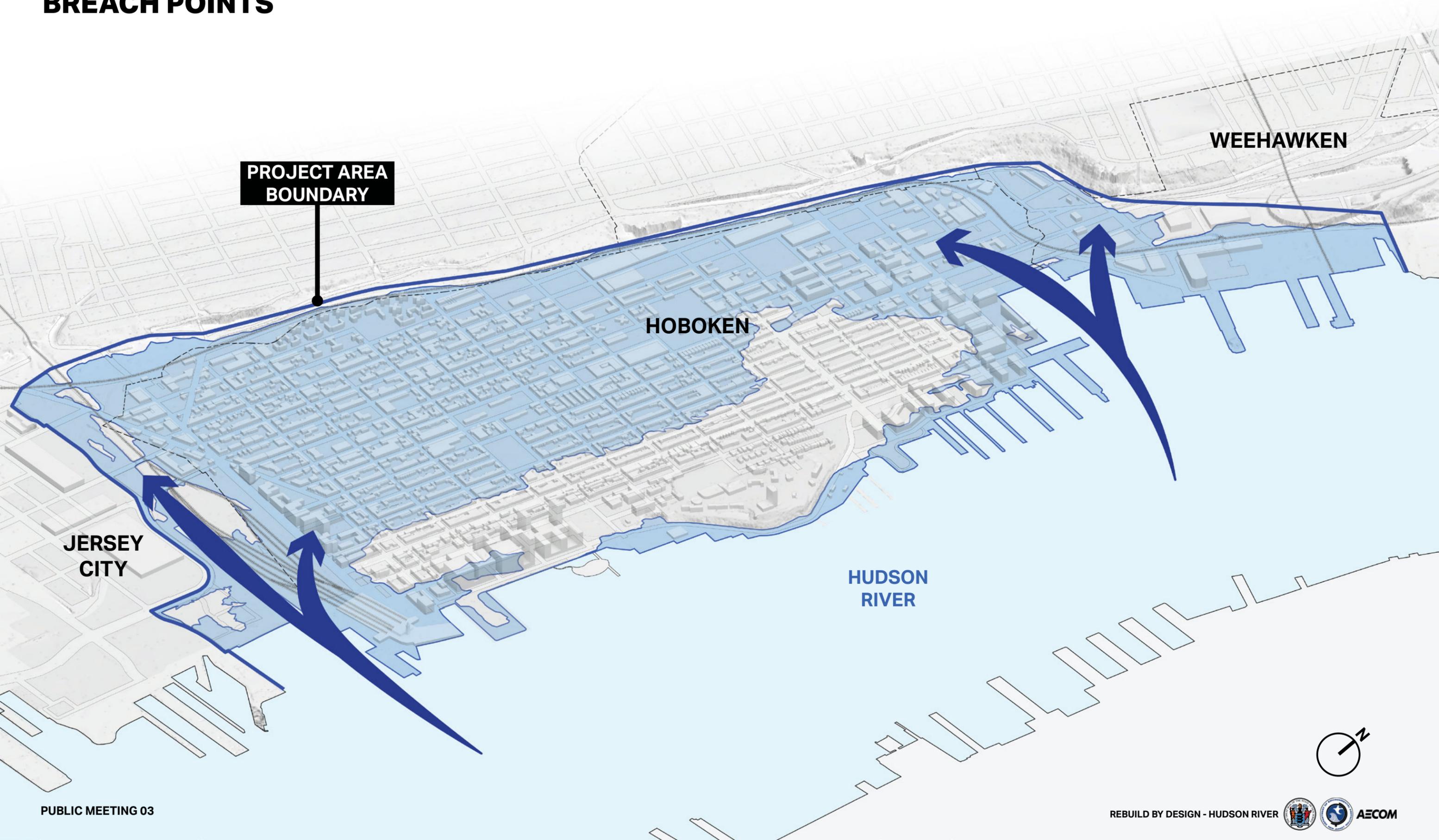
**LONG SLIP  
CANAL**

**HUDSON  
RIVER**

**MANHATTAN**



# SUPERSTORM SANDY BREACH POINTS



**PROJECT AREA  
BOUNDARY**

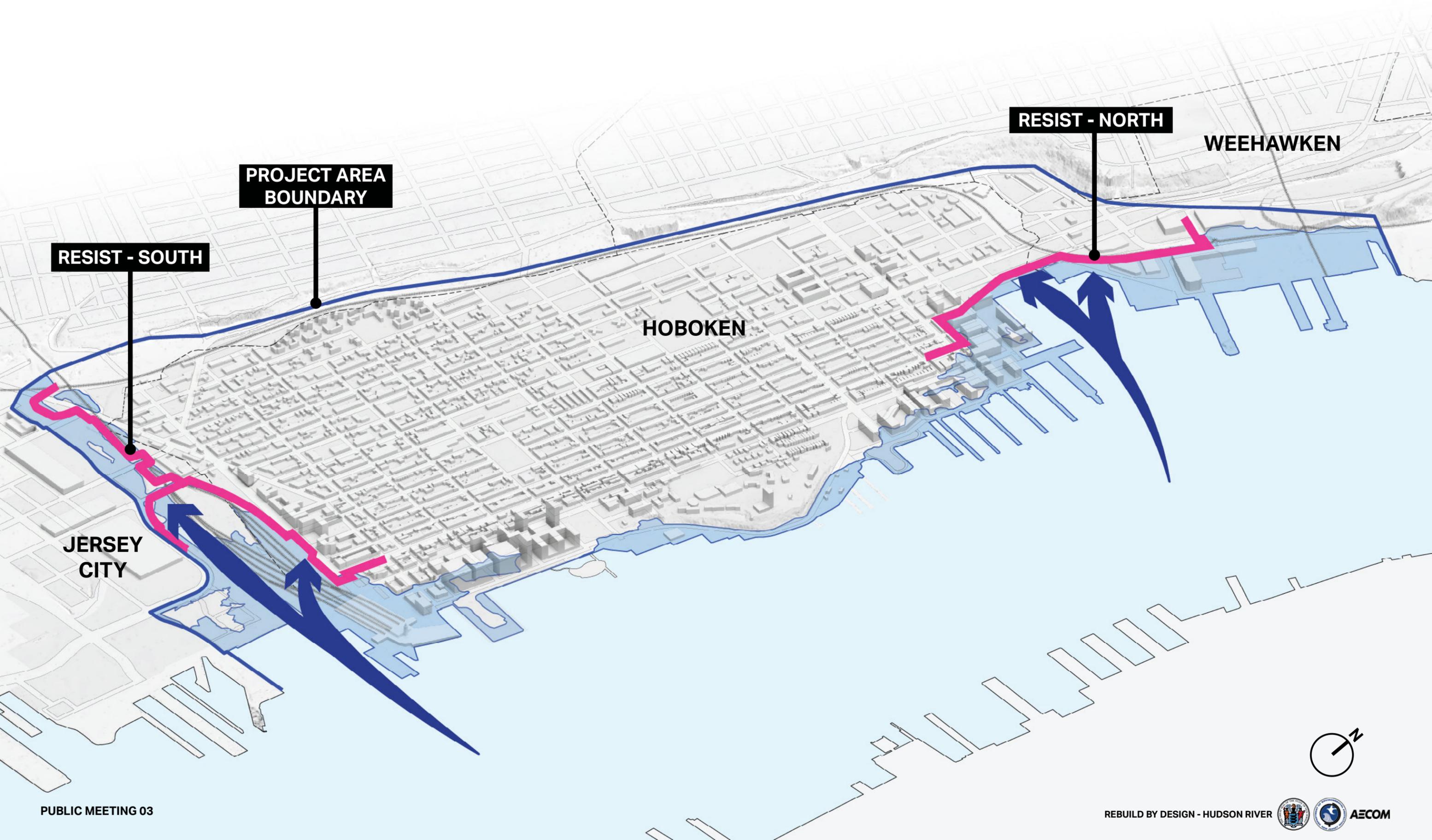
**WEEHAWKEN**

**HOBOKEN**

**JERSEY  
CITY**

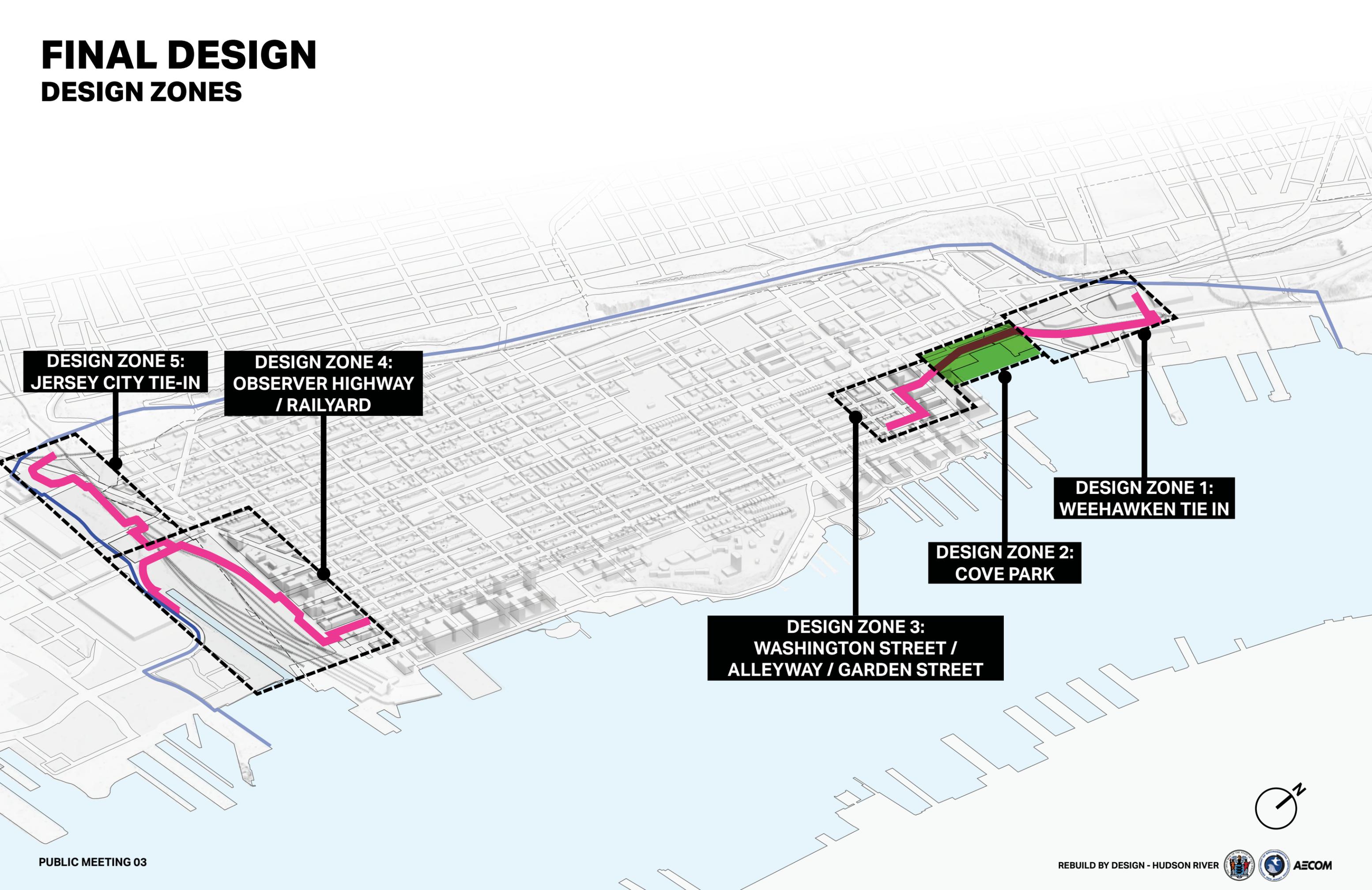
**HUDSON  
RIVER**

# RESIST ALIGNMENT



# FINAL DESIGN

## DESIGN ZONES



**DESIGN ZONE 5:  
JERSEY CITY TIE-IN**

**DESIGN ZONE 4:  
OBSERVER HIGHWAY  
/ RAILYARD**

**DESIGN ZONE 1:  
WEEHAWKEN TIE IN**

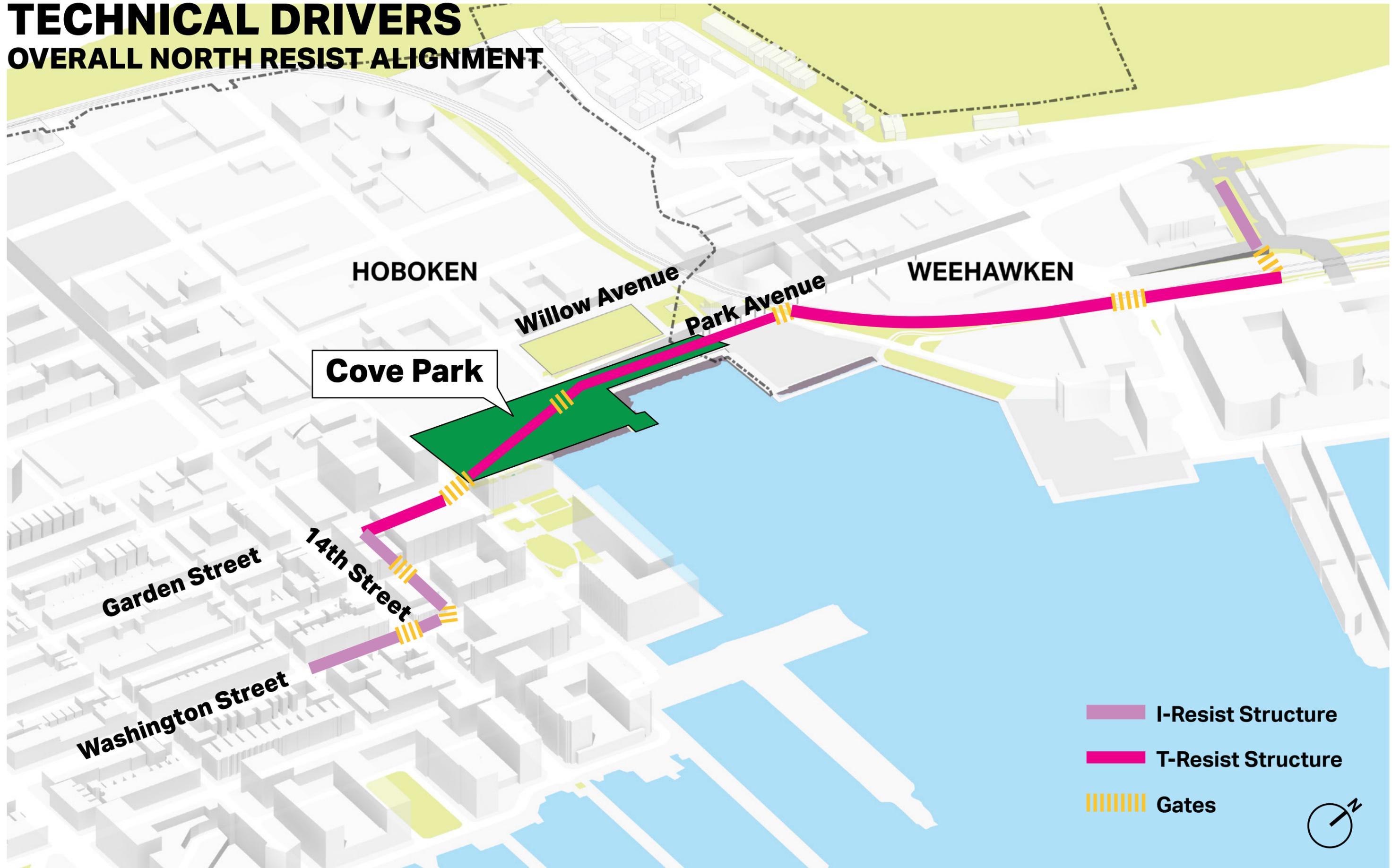
**DESIGN ZONE 2:  
COVE PARK**

**DESIGN ZONE 3:  
WASHINGTON STREET /  
ALLEYWAY / GARDEN STREET**



# TECHNICAL DRIVERS

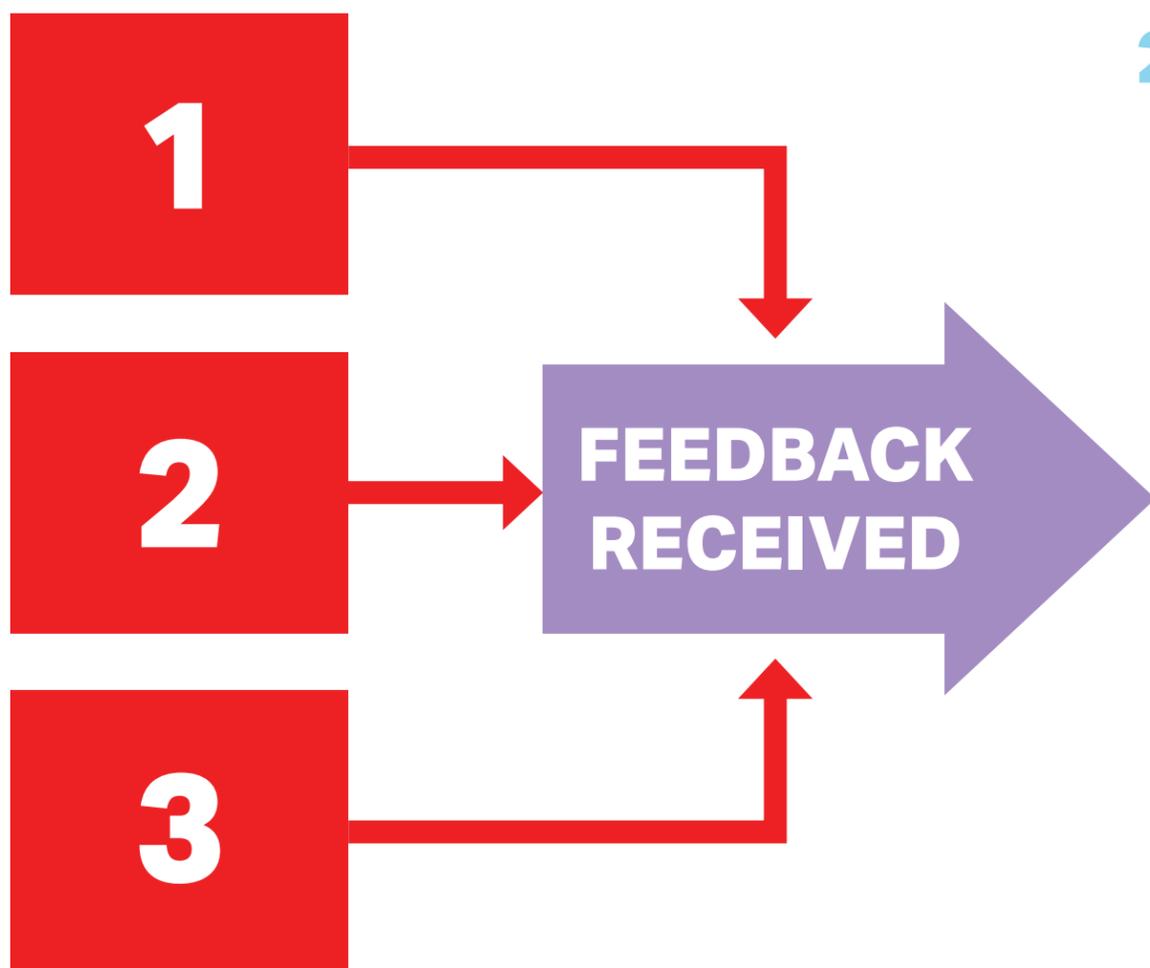
## OVERALL NORTH RESIST ALIGNMENT



# DZW ROUND 2 INPUT - COVE PARK

## INPUT AND DESIGN PROCESS LEADING TO TODAY

### 3 CONCEPTS



**PRESENTED AT DZW  
ROUND 2 MEETINGS IN  
FEBRUARY, 2019**

### 2 CONCEPTS



**PRESENTED  
TONIGHT**

**3 WEEK DIGITAL  
SURVEY PERIOD  
CLOSING 6/28/2019**

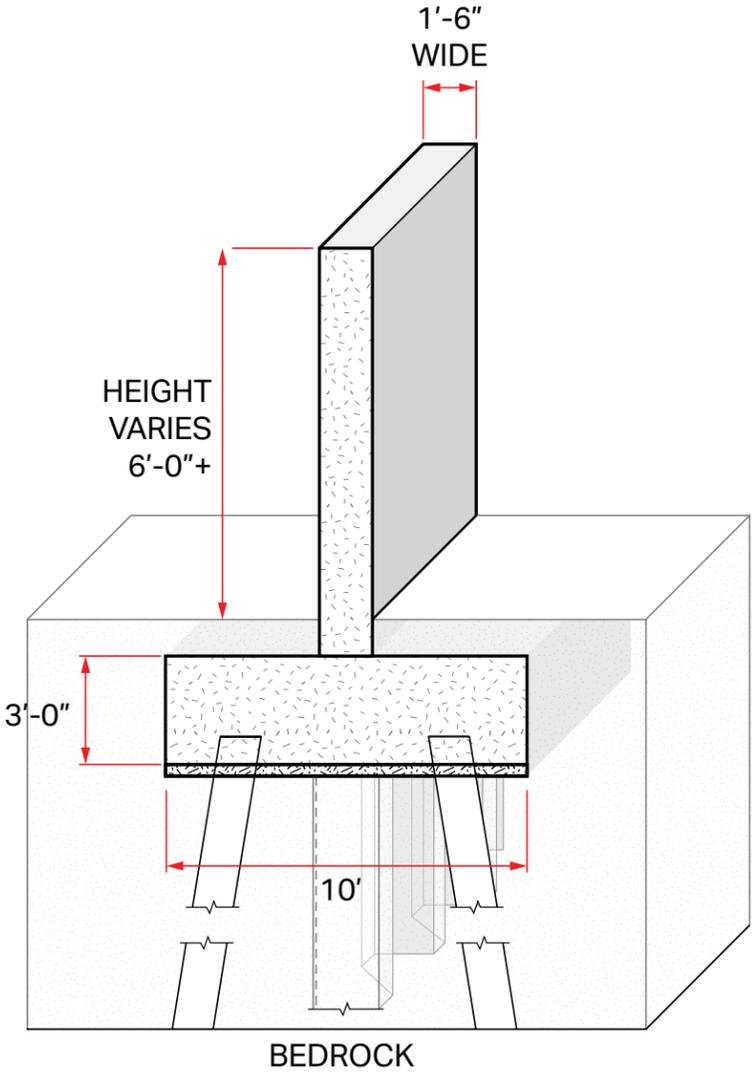
### FINAL CONCEPT



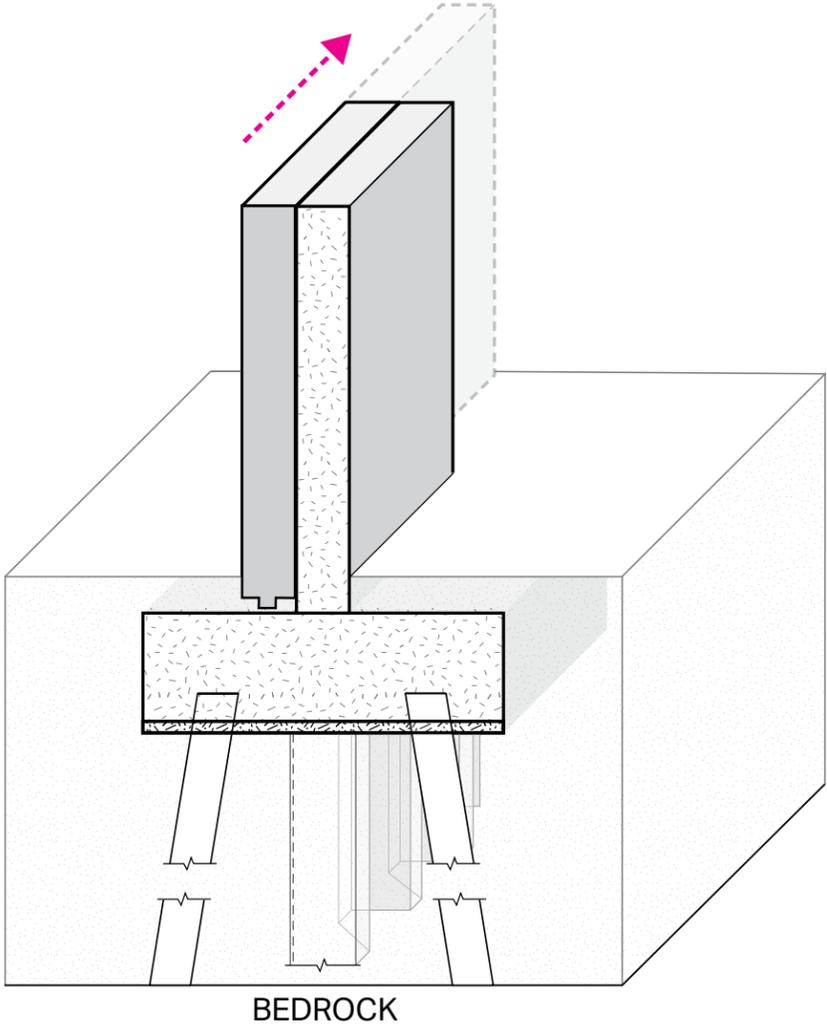
**PRESENTED  
FALL, 2019**

# **RESIST STRUCTURE TECHNICAL REVIEW**

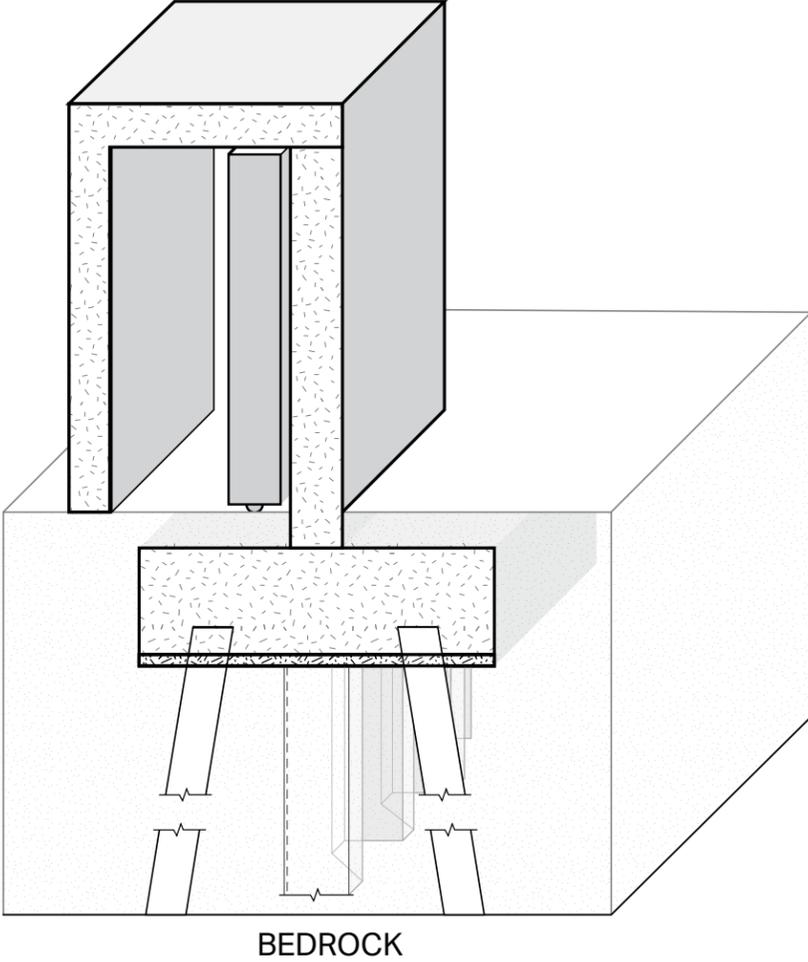
# TECHNICAL DRIVERS



**T-Resist Structure**

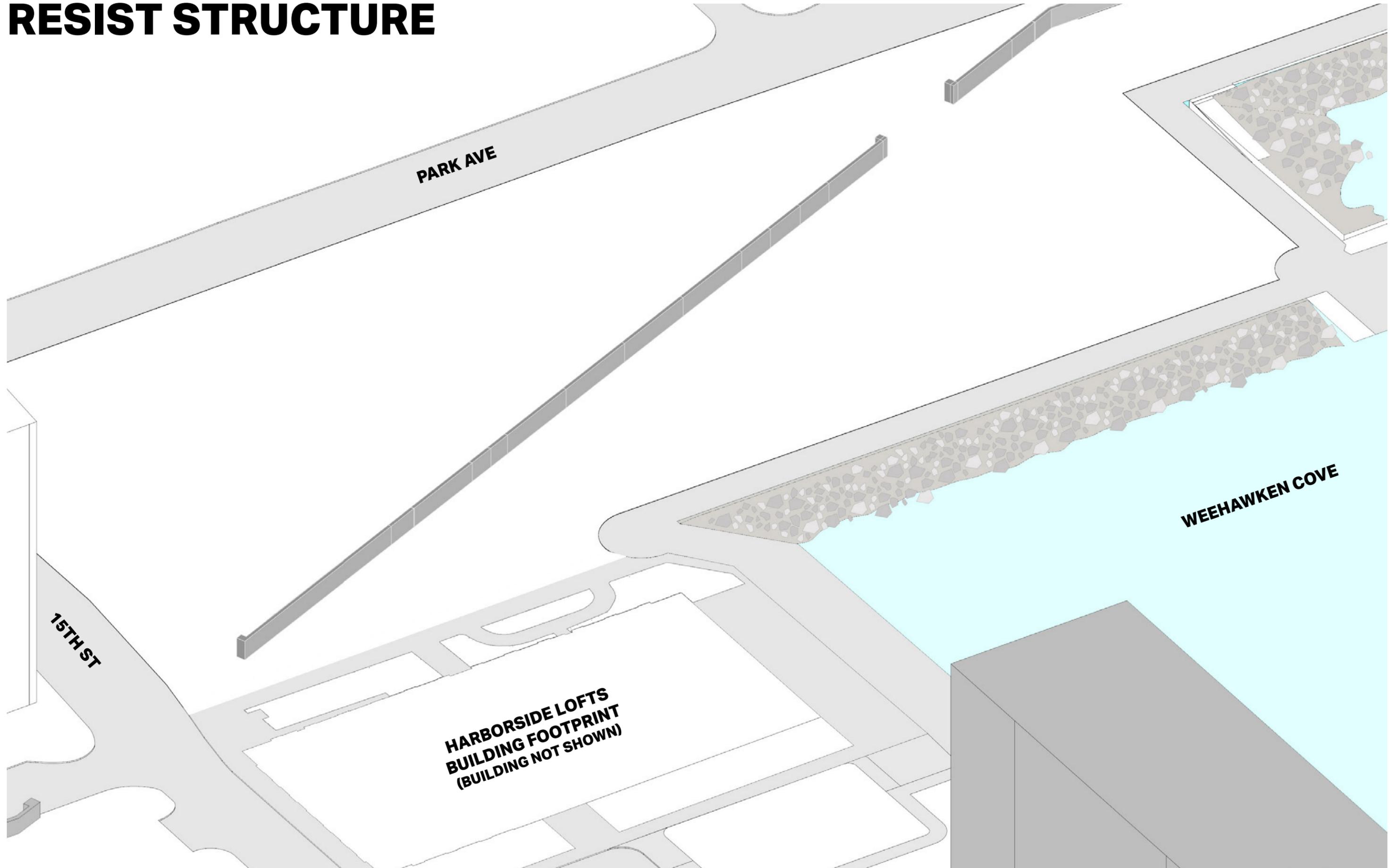


**Roller Gate**

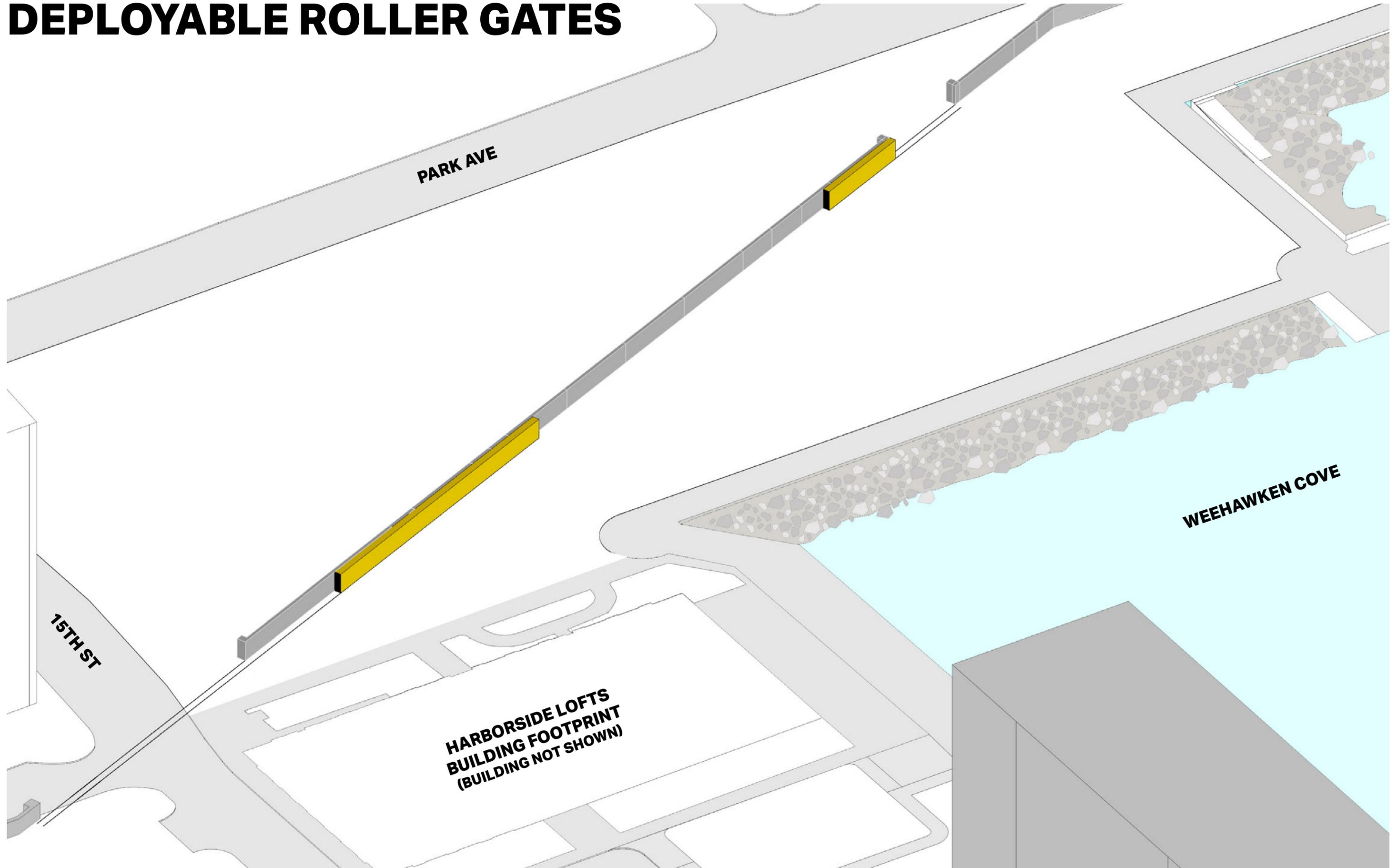


**Gate Housing**

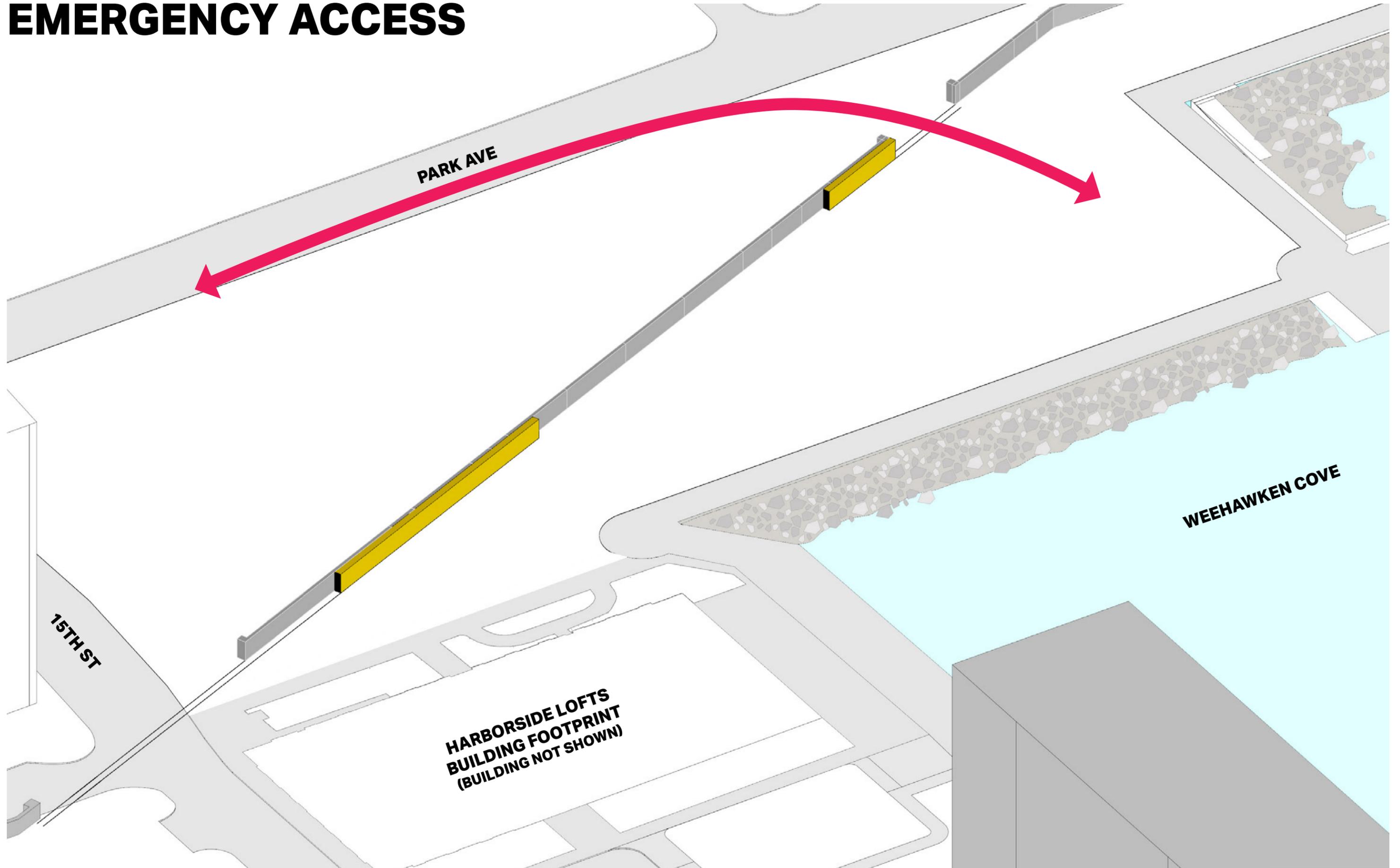
# RESIST STRUCTURE



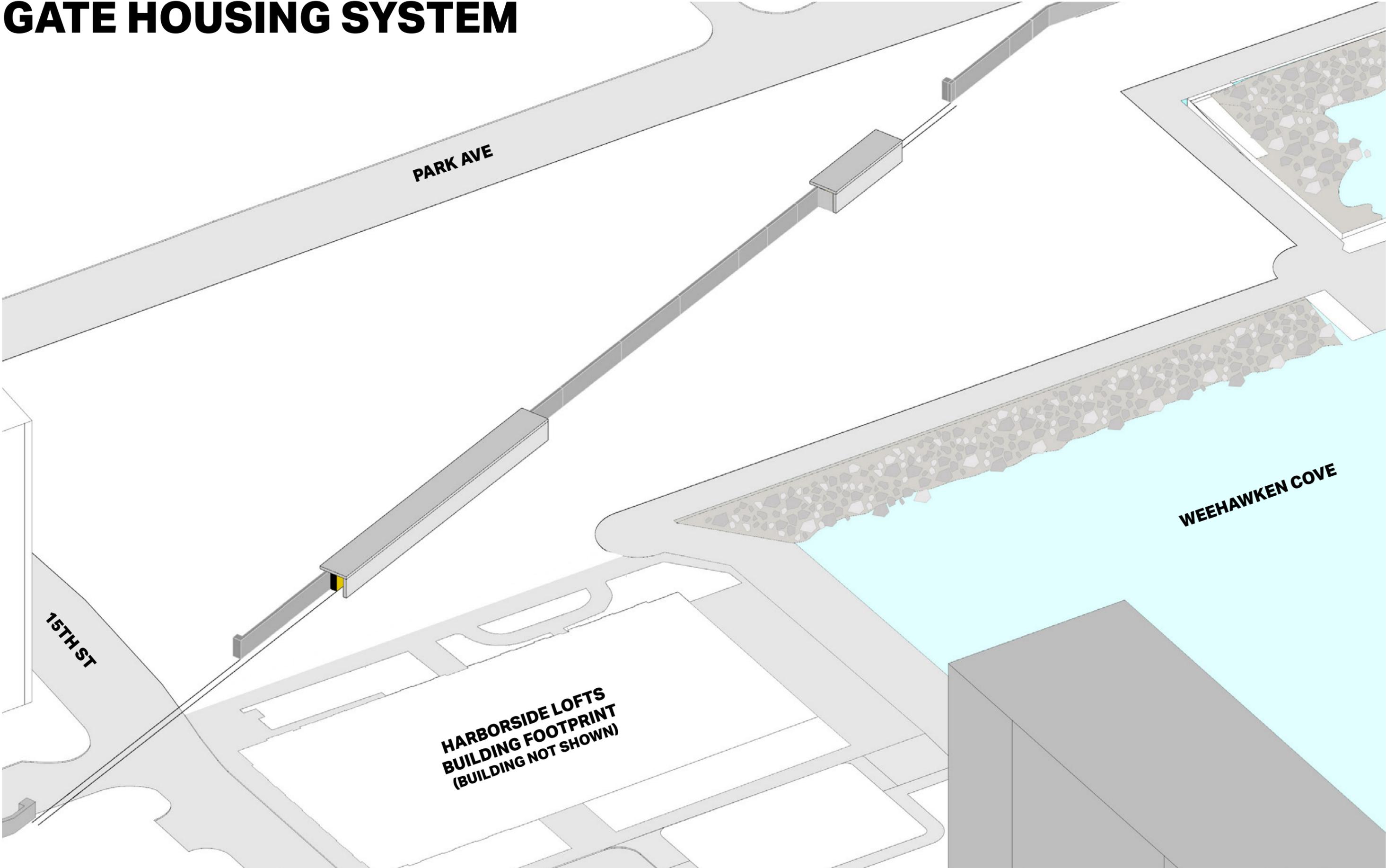
# DEPLOYABLE ROLLER GATES



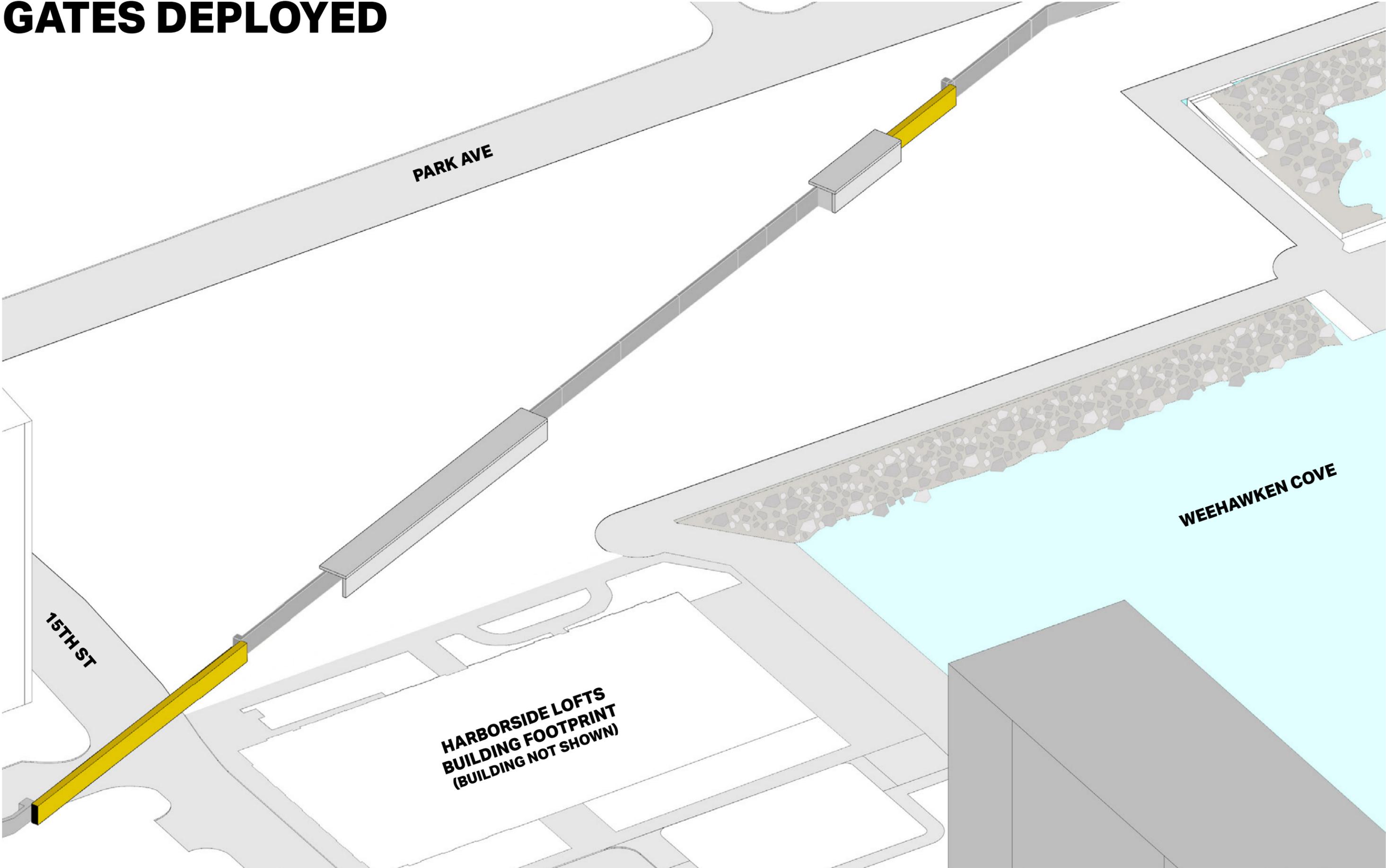
# EMERGENCY ACCESS



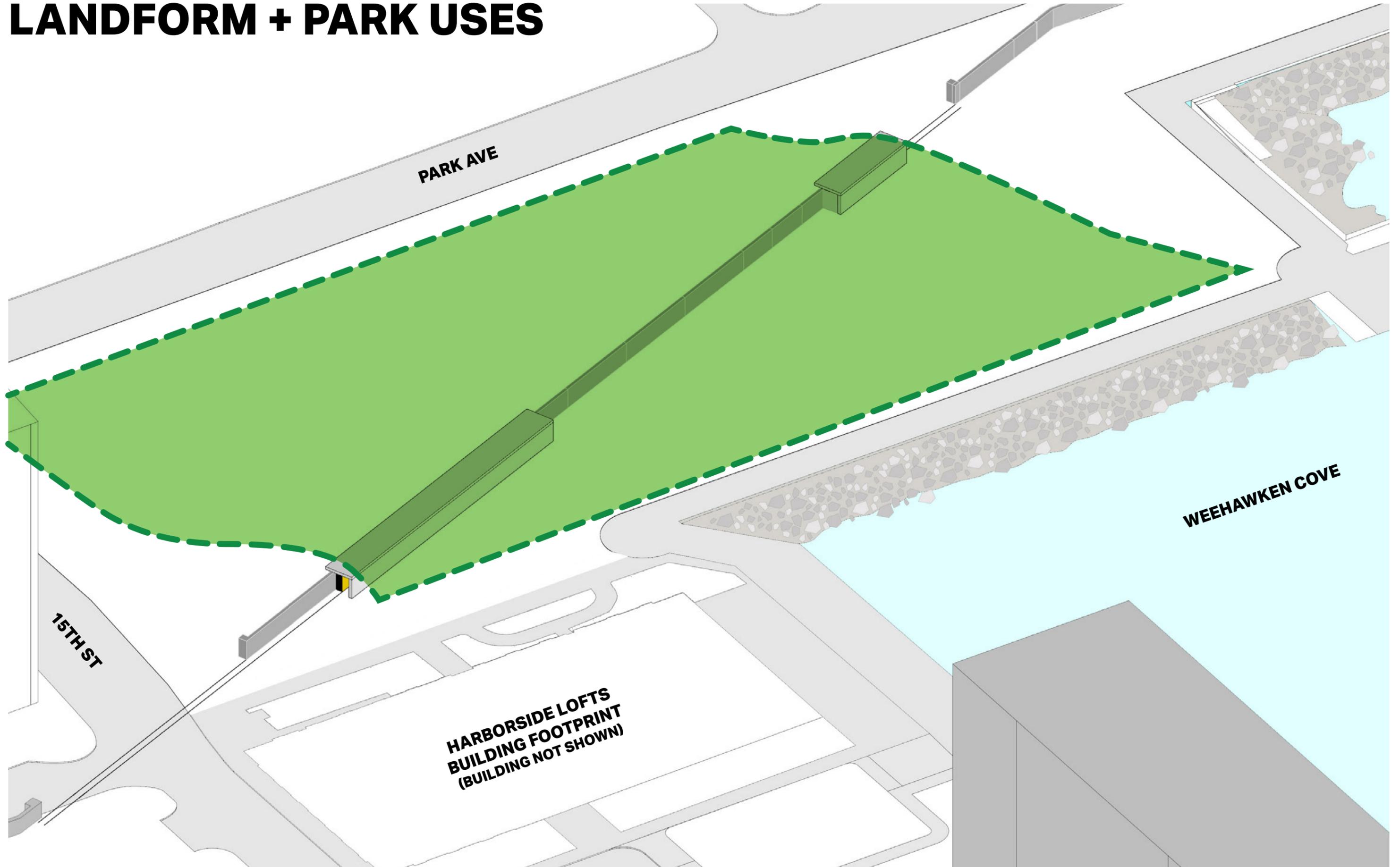
# GATE HOUSING SYSTEM



# GATES DEPLOYED



# LANDFORM + PARK USES

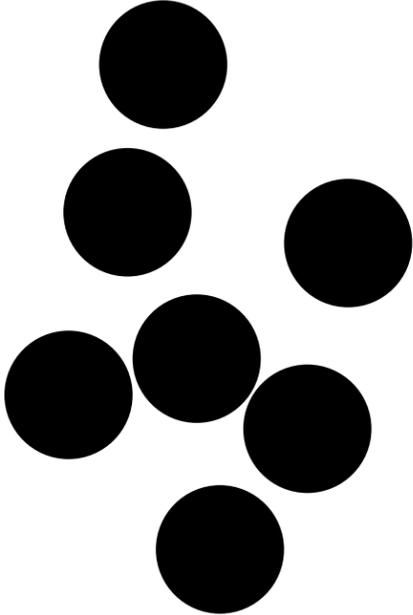


# PUBLIC INPUT

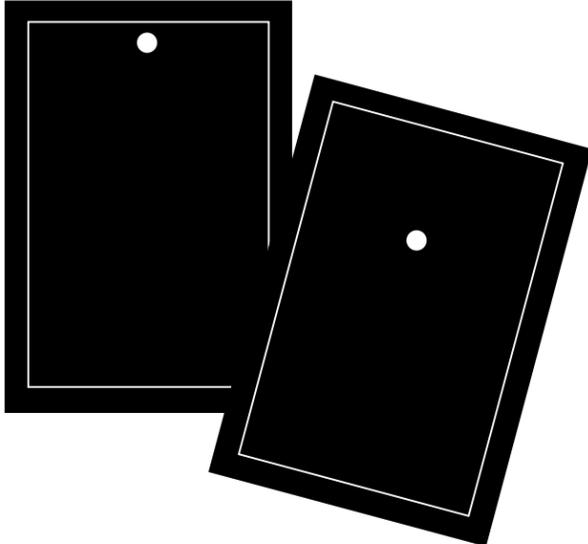
# COMMUNITY ENGAGEMENT RECAP

## ACTIVITY MATERIALS & RESPONSES TO DATE

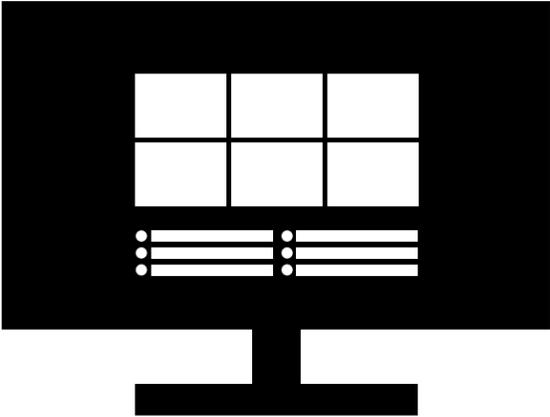
### Public Meeting



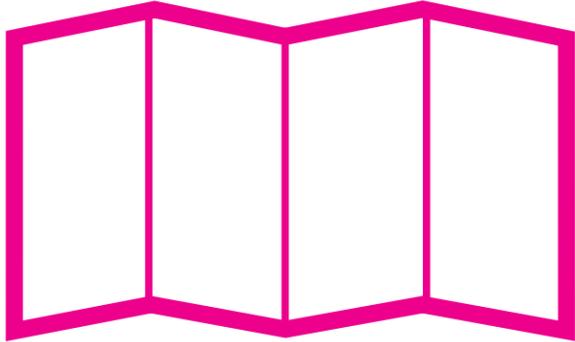
### Design Zone Workshop #1



### Digital Survey

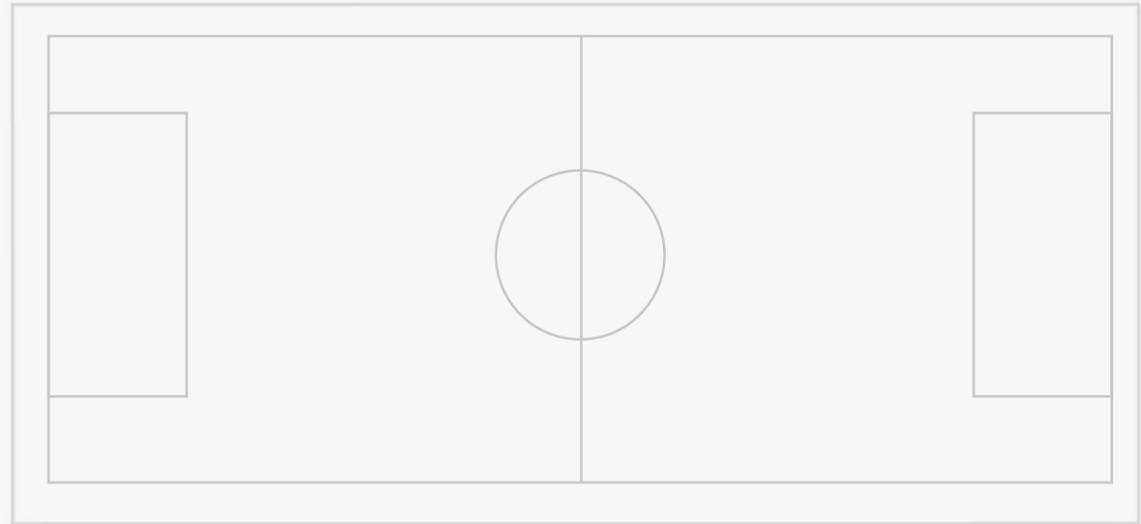


### Design Zone Workshop #2



**761 Key Feature "Likes"**  
**220 Written Comments**  
**Elysian School Petition**

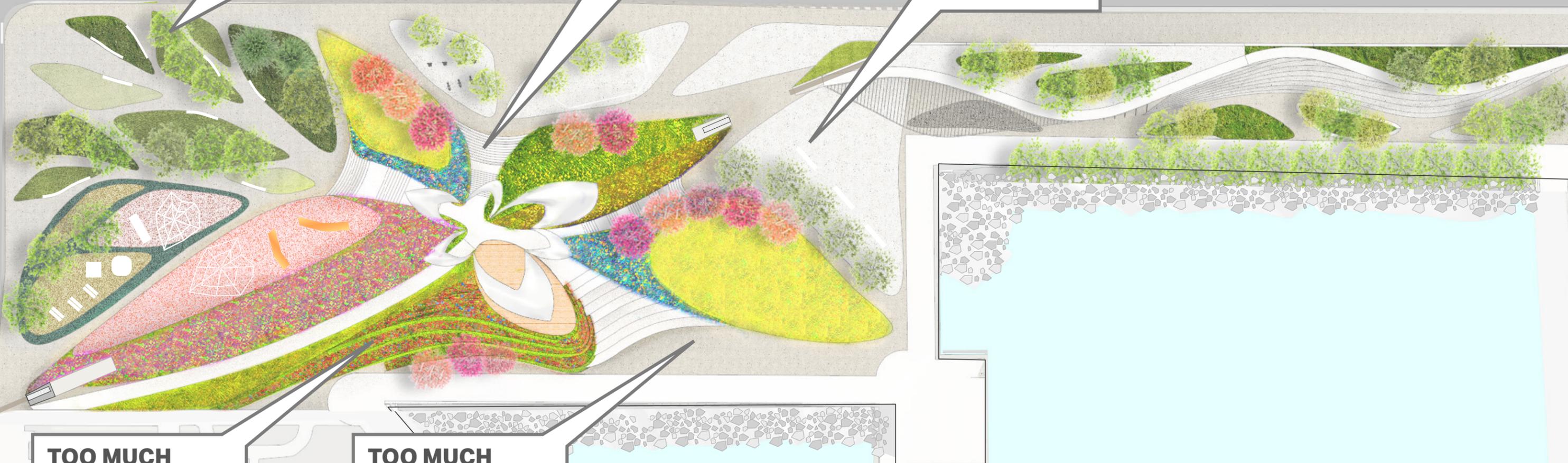
# THE BLOSSOM



**LIKE PLANTING  
AND SEATING**

**VARIETY OF  
CIRCULATION  
ROUTES**

**TOO MUCH  
HARDSCAPE**



**TOO MUCH  
MAINTENANCE**

**TOO MUCH  
WASTED SPACE**

# THE MEADOW

**CIRCULATION  
SHOULDN'T POINT  
TO THIS INTERSECTION**

**NEED MORE SPACE  
FOR KIDS**

**TOO MUCH  
HARDSCAPE**

**MEADOW FEATURE  
IS GREAT**

**LIKE GREEN SPACE,  
COULD BE EVEN MORE**

**RECEIVED THE MOST  
POSITIVE COMMENTS  
ELYSIAN CHARTER  
SCHOOL PETITION**



# THE RIDGE

CIRCULATION  
SHOULDN'T POINT TO  
THIS INTERSECTION

BETTER CONNECTION  
BETWEEN PLAYGROUND  
AND ACTIVE KID SPACE

TOO MUCH  
HARDSCAPE

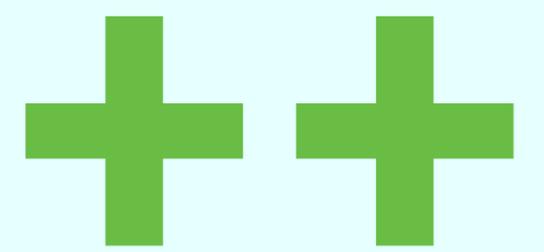
BEST DESIGN OF  
NORTHERN SECTION

CANOPY OUT  
OF SCALE

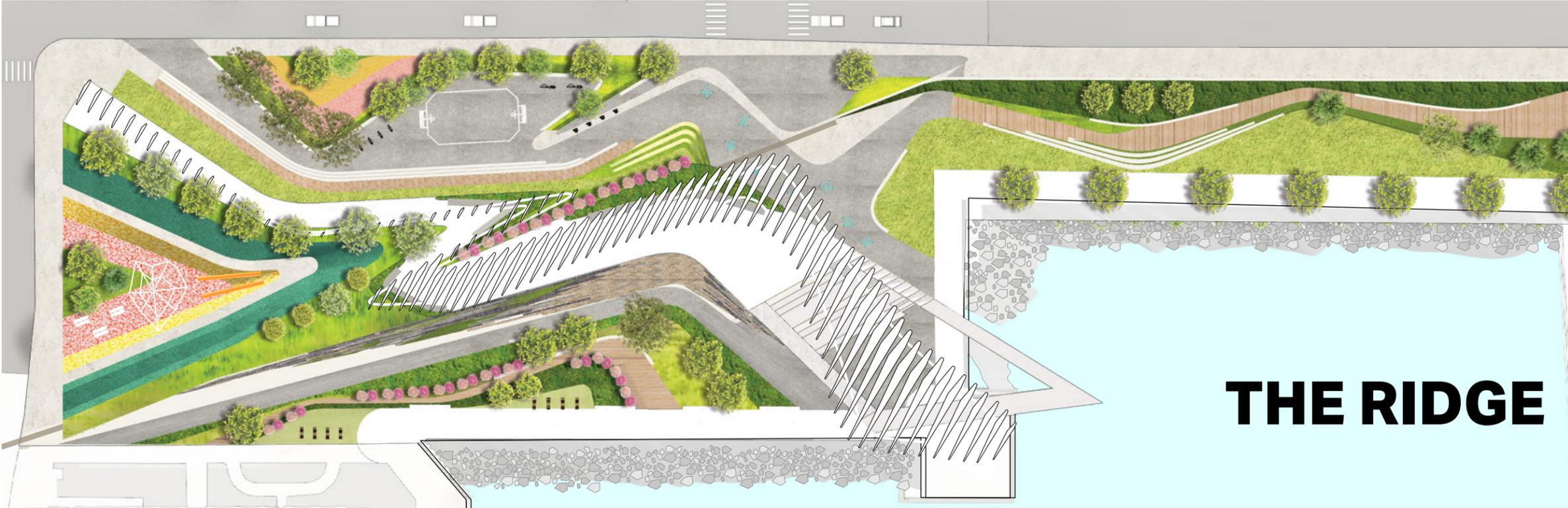
LIKE THE LOWLAND  
WALK

OVERLOOK IS COOL

RECEIVED THE SECOND  
MOST POSITIVE  
COMMENTS



# SELECTED CONCEPTS FOR DEVELOPMENT



# PUBLIC INPUT KEY TAKEAWAYS



**COHESIVE CIRCULATION**



**VISUAL IMPACT**



**ACTIVE KIDS SPACES**



**SAFE STREET EDGES**



**MORE GREEN / LAWN**



**SHADE**

# INPUT TONIGHT

# TONIGHT'S INPUT

## PAMPHLET DESCRIPTION - FRONT SIDE

REBUILD BY DESIGN  
**HUDSON RIVER**  
JERSEY CITY | HOBOKEN | WEHAWKEN | NEW JERSEY



**PUBLIC MEETING 3**  
Zone 2 – Cove Park

What area are we looking at tonight?



**Zone 2**

- T-Resist Structure
- I-Resist Structure
- Gates

**How is the structure integrated into the park's design?**

1) Resist Structure



2) Deployable Gates



3) Gate Housing System



4) Landform



**How was previous feedback applied?**

The feedback has been used to identify two particular park concepts to further develop. We have addressed the many constructive comments received to date. Design responses to feedback generally fall within one of the following six categories:

  
Active Kids Spaces

  
Safe from the street

  
Shaded spaces

  
Green/Lawn space

  
Cohesive circulation

  
Unique experiences

**How will tonight's feedback be used?**

Tonight's feedback will be used to further the design development of the Zone 2 Park, moving forward with a single design while incorporating feedback provided tonight and through the Digital Survey.

**How can you provide additional feedback on tonight's materials?**

In addition to providing written feedback on the comment form you received with this pamphlet, you can also visit the Digital Survey, located online at:

<http://bit.ly/RBDHsurvey>

OR

go to the Project website at: [www.rbd-hudsonriver.nj.gov](http://www.rbd-hudsonriver.nj.gov) and click the **Take Survey** button.

Through the Digital Survey, you will be able to provide responses to a series of specific park feature questions. This feedback will help the design team to understand the community's preferences as we continue to develop the design of the park.

The Digital Survey will be available for three weeks, from June 6th through June 27th, 2019.



You can also scan this QR Code to access the Digital Survey!

**Next Steps:**  
Public Meeting #4  
Fall 2019

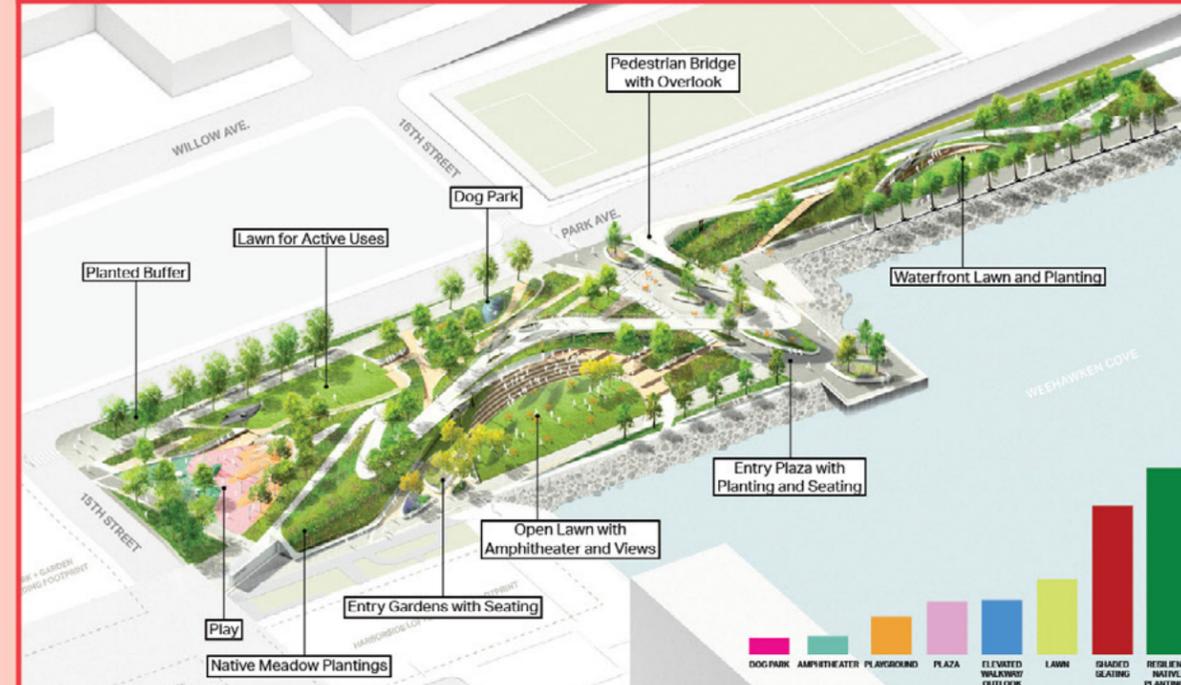
**Questions & Comments:**  
[rbd-hudsonriver@dep.nj.gov](mailto:rbd-hudsonriver@dep.nj.gov)

**Mail:**  
Dennis Reinknecht, Chief  
Bureau of Climate Resilience  
Design & Engineering  
501 East State Street  
Mail Code 501-01A, PO Box 420  
Trenton, NJ 08625-0420

**Website:**  
[www.rbd-hudsonriver.nj.gov](http://www.rbd-hudsonriver.nj.gov)

REBUILD BY DESIGN - HUDSON RIVER 

**THE MEADOW**



DOG PARK

AMPHITHEATER

PLAYGROUND

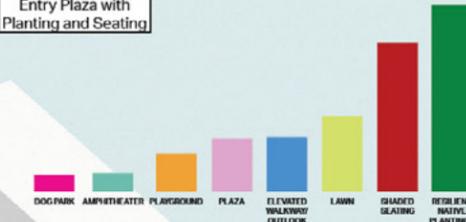
PLAZA

ELEVATED WALKWAY/ OUTLOOK

LAWN

SHADED SEATING

RESILIENT NATIVE PLANTINGS



**THE RIDGE**



DOG PARK

AMPHITHEATER

PLAYGROUND

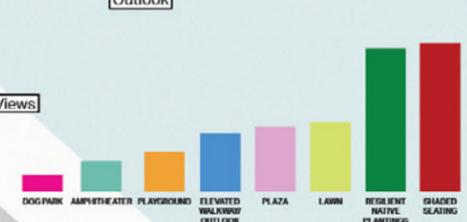
ELEVATED WALKWAY/ OUTLOOK

PLAZA

LAWN

RESILIENT NATIVE PLANTINGS

SHADED SEATING



# TONIGHT'S INPUT

## PAMPHLET DESCRIPTION - BACK SIDE

### THE MEADOW



1 16th Street Gate - Daily Use



2 View of Planted Buffer and Active Lawn



3 Entry Gardens with Seating



4 Open Lawn with Amphitheater seating



5 Pedestrian Path with Shade Canopies



6 Pedestrian Bridge with Overlook



7 Entry Plaza with Planting and Seating



8 Meadow Planting and Open Lawn



### THE RIDGE



1 16th Street Gate - Daily Use



2 Park Ave. Playspace, Dog Park



3 Elevated w



5 Outlook



7 Open



PUBLIC MEETING 3 FEEDBACK FORM  
 What are your thoughts about...

Zone 2 - Cove Park  
 June 6, 2019  
 Elysian Charter School



THE MEADOW

THE RIDGE

Thank you for your feedback!

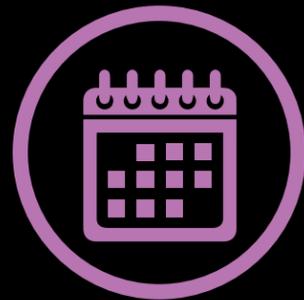
Thank you for your feedback!

# PARK CONCEPT DEVELOPMENT

# THE MEADOW



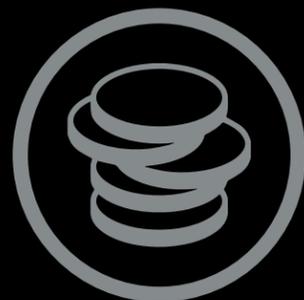
**FLOOD RISK REDUCTION**



**SCHEDULE**



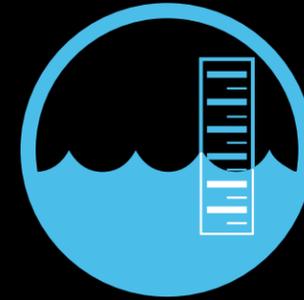
**OPERATION AND MAINTENANCE**



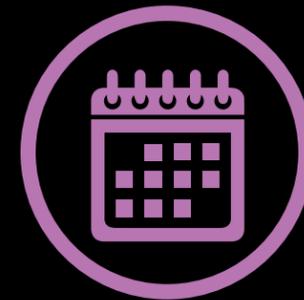
**COST**



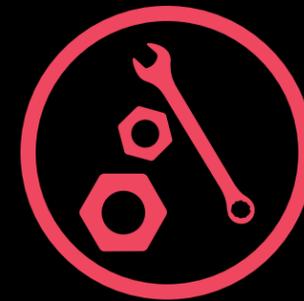
# THE RIDGE



**FLOOD RISK REDUCTION**



**SCHEDULE**



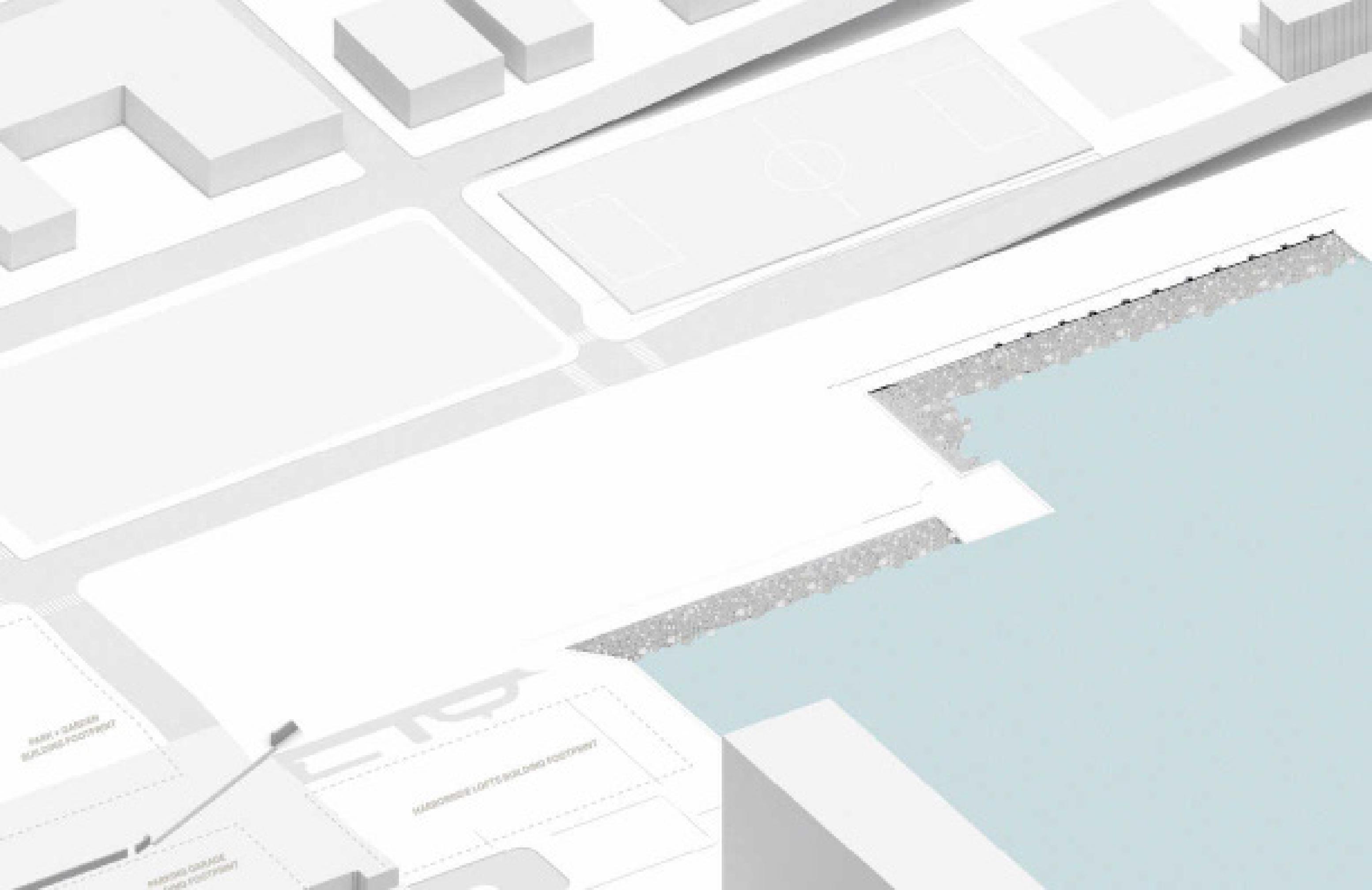
**OPERATION AND MAINTENANCE**



**COST**



# THE MEADOW



# DESIGN OBJECTIVES



**COHESIVE  
CIRCULATION**



**VISUAL IMPACT**



**ACTIVE KIDS  
SPACES**



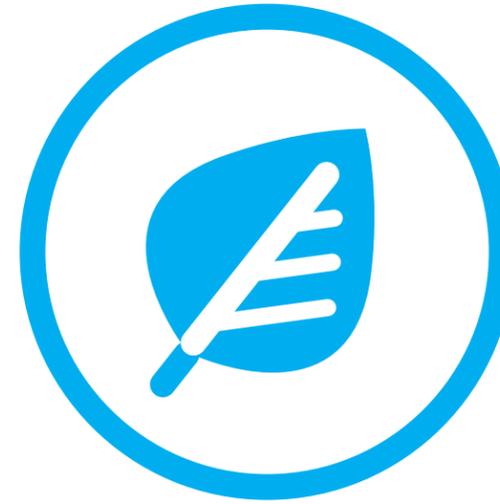
**SAFE STREET  
EDGES**



**MORE GREEN / LAWN**



**SHADE**



**RESILIENT +  
SUSTAINABLE**

# MEADOW PLAN



# MEADOW AXON



**Waterfront Lawn and Planting**

**Pedestrian Bridge with Overlook**

**Dog Park**

**Lawn for Active Uses**

**Planted Buffer**

**Entry Plaza with Planting and Seating**

**Open Lawn with Amphitheater and Views**

**Play**

**Native Meadow Plantings**

**Entry Gardens with Seating**

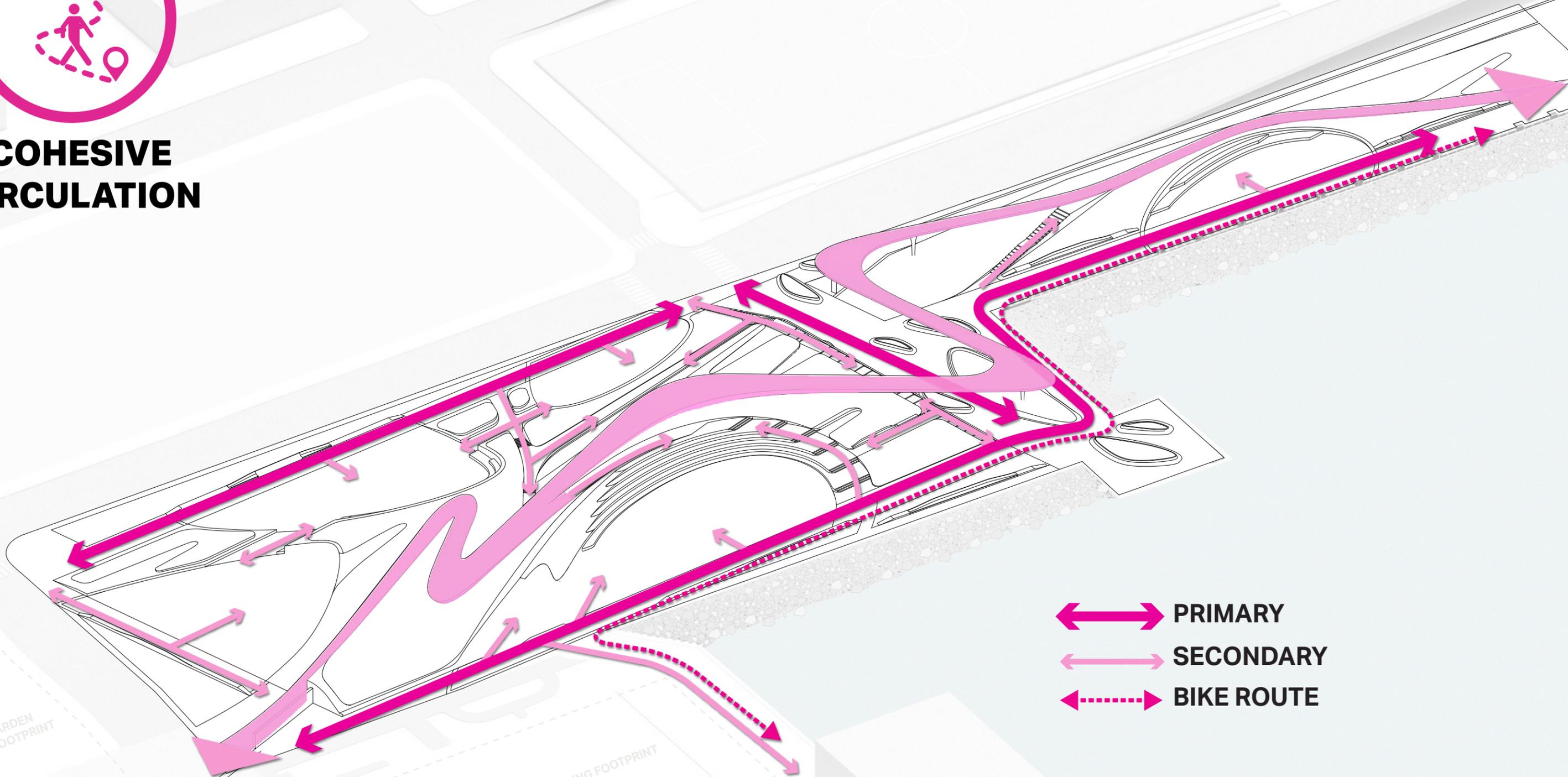
PARK + GARDEN  
BUILDING FOOTPRINT

LOFTS BUILDING FOOTPRINT

PUBLIC MEETING 03  
PARKING GARAGE  
BUILDING FOOTPRINT



# COHESIVE CIRCULATION



PARK + GARDEN BUILDING FOOTPRINT

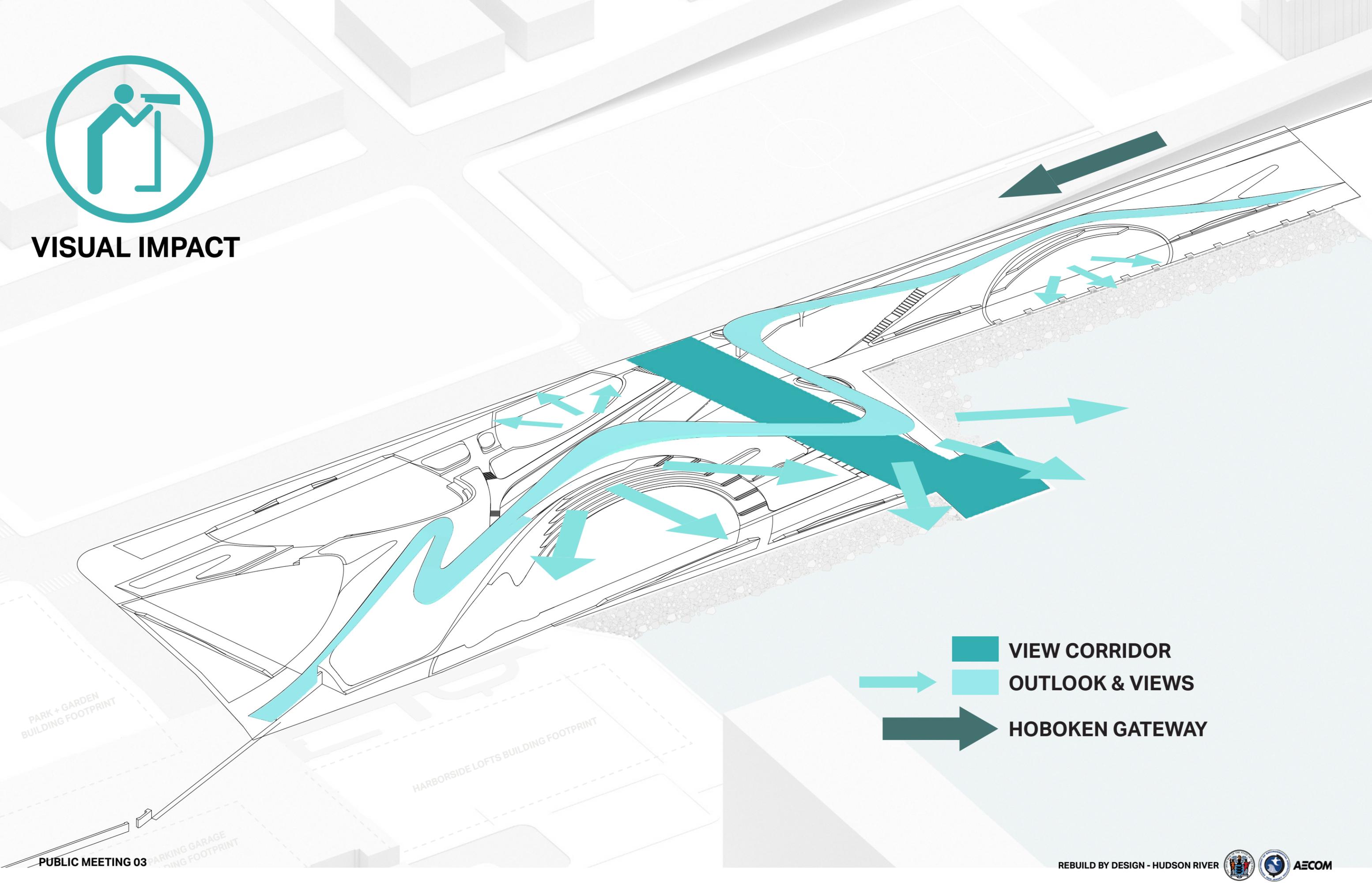
HARBORSIDE LOFTS BUILDING FOOTPRINT

PARKING GARAGE BUILDING FOOTPRINT

- PRIMARY
- SECONDARY
- BIKE ROUTE



# VISUAL IMPACT



 VIEW CORRIDOR

 OUTLOOK & VIEWS

 HOBOKEN GATEWAY

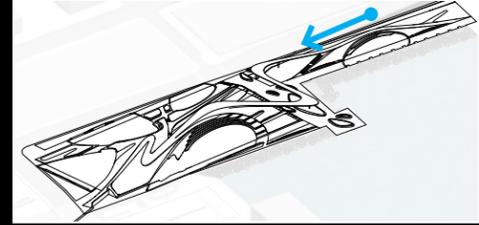
PARK + GARDEN  
BUILDING FOOTPRINT

HARBORSIDE LOFTS BUILDING FOOTPRINT

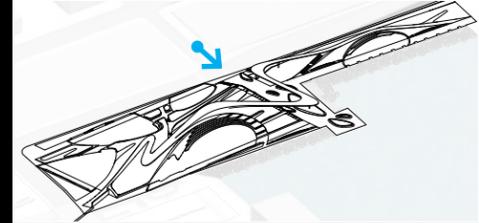
PARKING GARAGE  
BUILDING FOOTPRINT



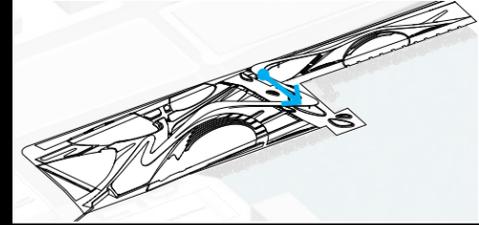
# GATEWAY INTO HOBOKEN



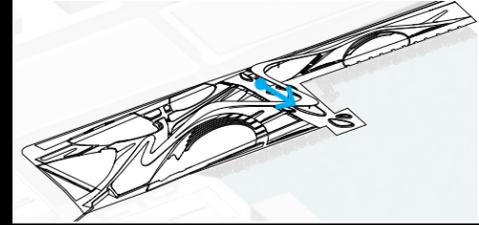
# 16TH ST. ENTRANCE



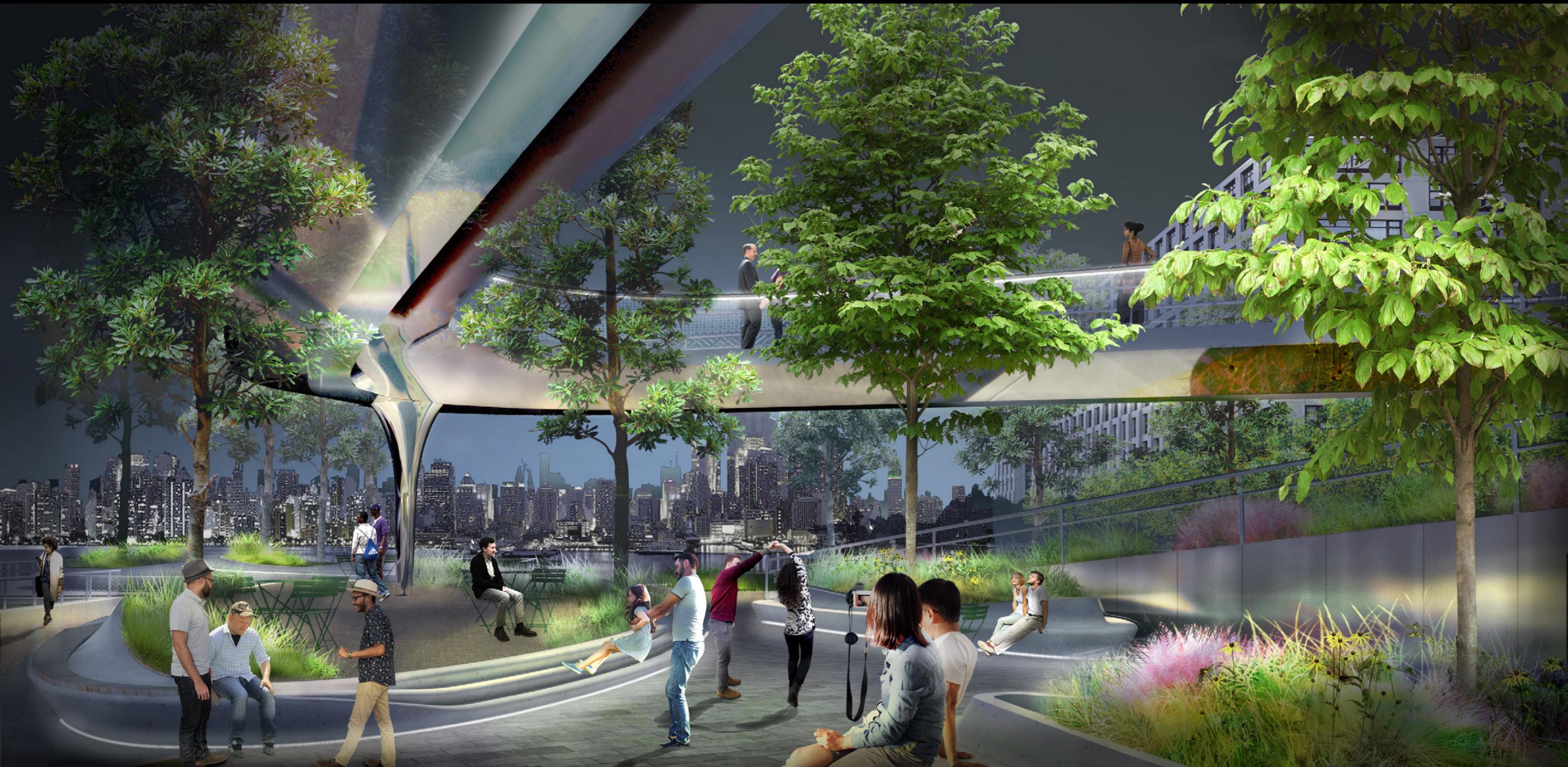
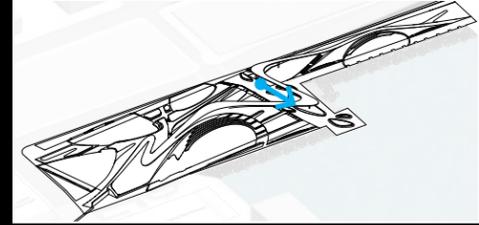
# ON THE BRIDGE



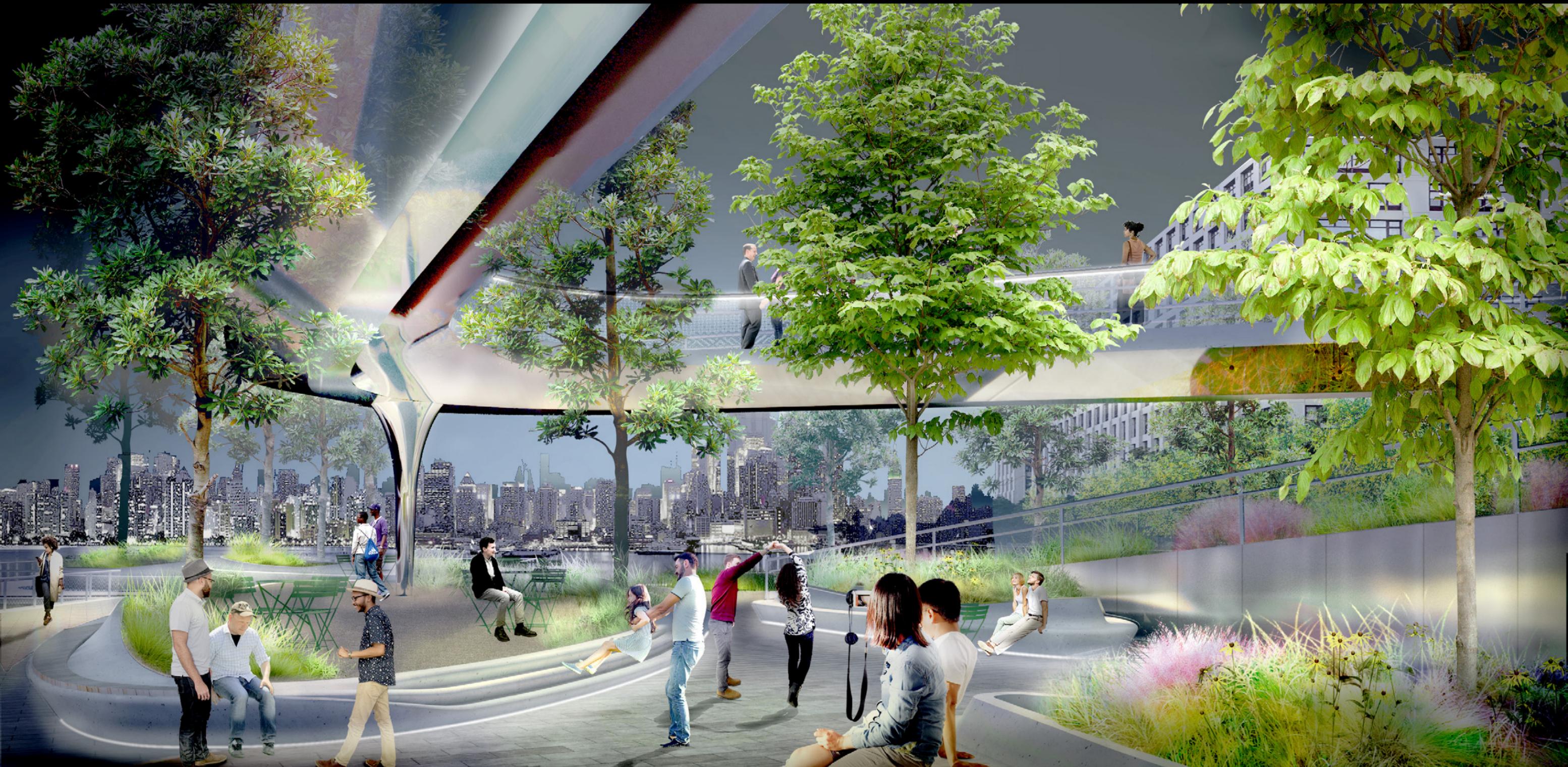
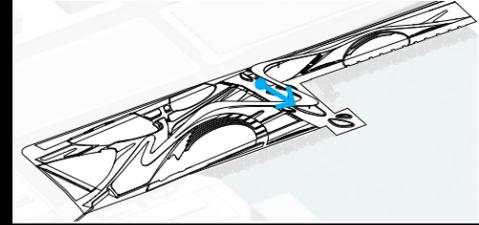
# DAY IN THE PLAZA



# NIGHT IN THE PLAZA



# NIGHT IN THE PLAZA





**ACTIVE KIDS SPACES**



**SAFE STREET EDGES**



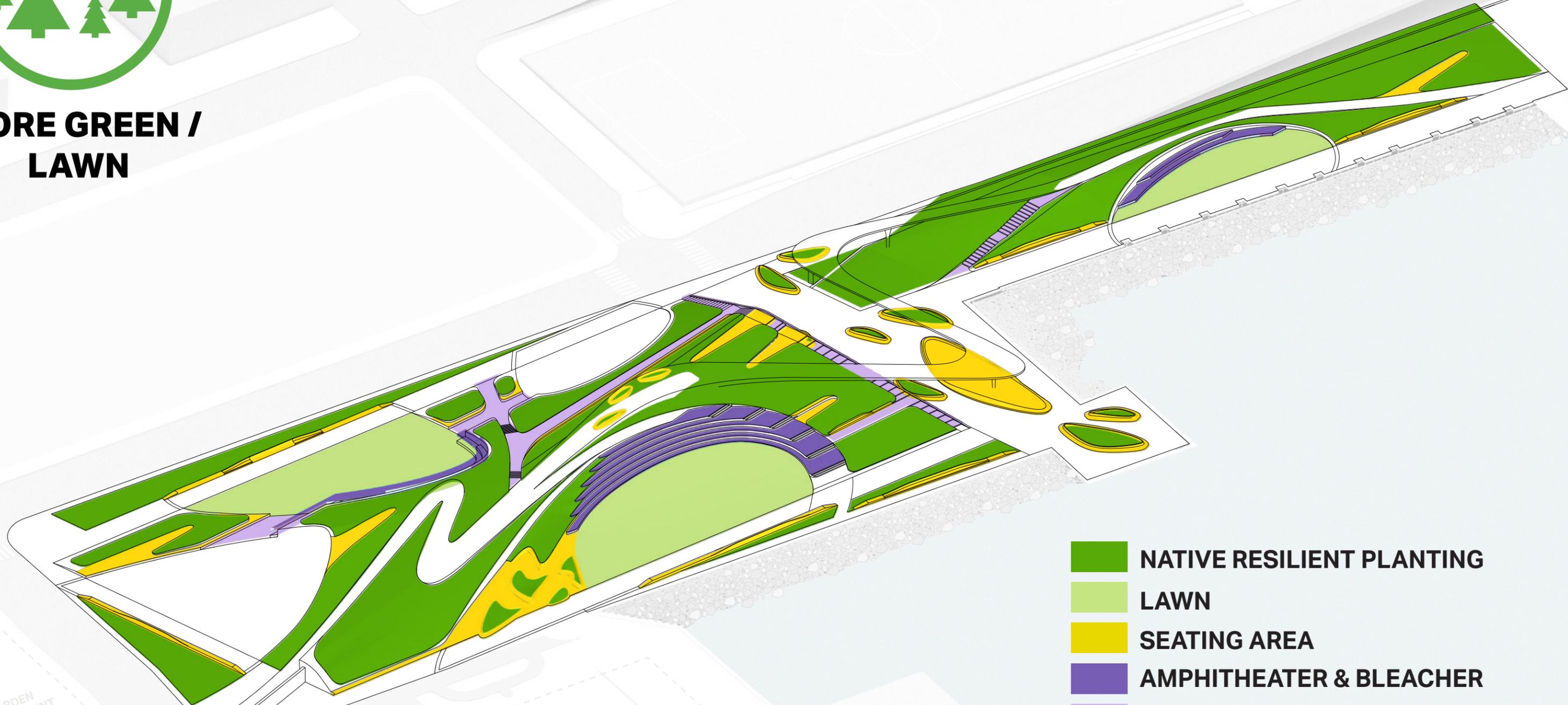
- ACTIVE AREA FOR KIDS+FAMILIES**
- PROTECTIVE PLANTED BUFFERS**
- DOG RUN**
- ADJACENT SEATING AREA**

PARK + GARDEN BUILDING FOOTPRINT

HARBORSIDE LOFTS BUILDING FOOTPRINT



# MORE GREEN / LAWN



-  **NATIVE RESILIENT PLANTING**
-  **LAWN**
-  **SEATING AREA**
-  **AMPHITHEATER & BLEACHER**
-  **MEADOW WALK**

PARK + GARDEN  
BUILDING FOOTPRINT

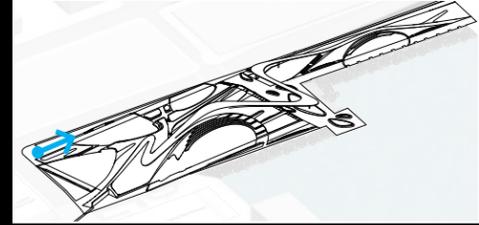
HARBORSIDE LOFTS BUILDING FOOTPRINT

PUBLIC MEETING 03

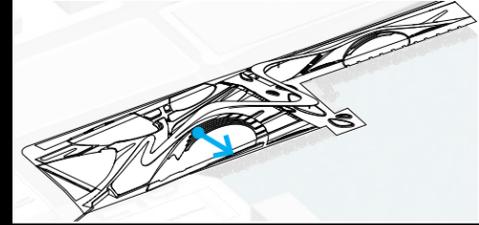
PARKING GARAGE  
BUILDING FOOTPRINT



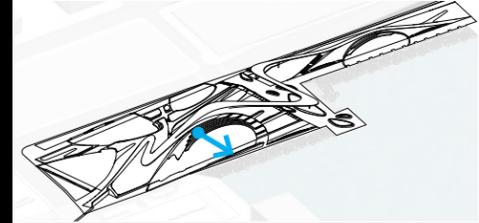
# BUFFERED ACTIVE PLAY SPACES



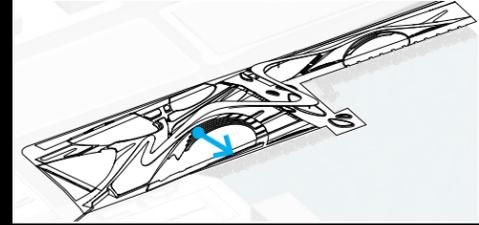
# DAY IN THE GREAT LAWN



# FIREWORKS ON 4TH OF JULY



# FIREWORKS ON 4TH OF JULY





# SHADE



- NATURAL SHADE
- STRUCTURE SHADE
- SEATING AREA

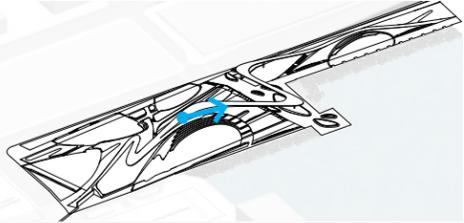
PARK + GARDEN  
BUILDING FOOTPRINT

HARBORSIDE LOFTS BUILDING FOOTPRINT

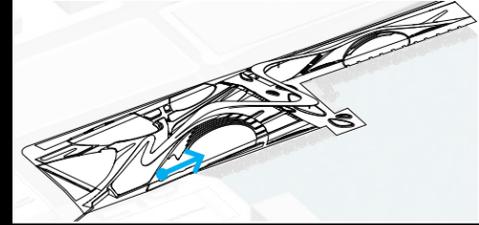
PUBLIC MEETING 03

PARKING GARAGE  
BUILDING FOOTPRINT

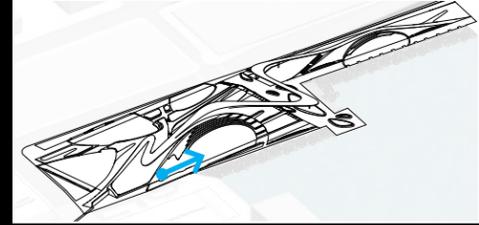
# OUTLOOK WITH CANOPIES



# ENTRY GARDEN IN SPRING



# ENTRY GARDEN IN SUMMER





# RESILIENT + SUSTAINABLE



DROUGHT TOLERANT



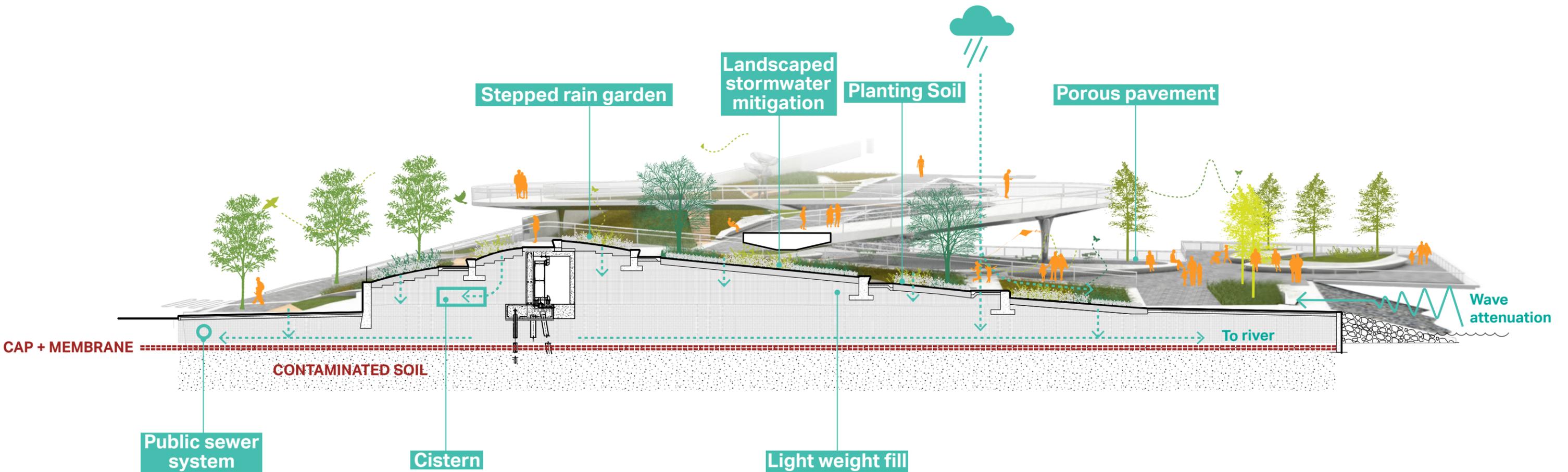
LOW MAINTENANCE



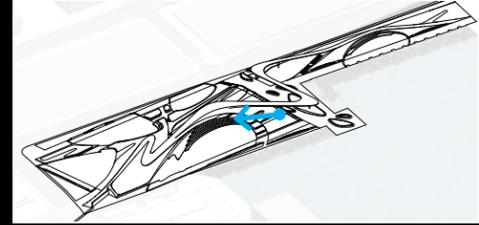
HABITAT BENEFITS



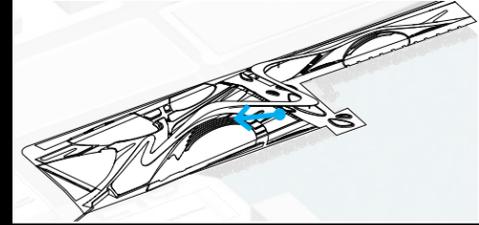
SALT TOLERANT



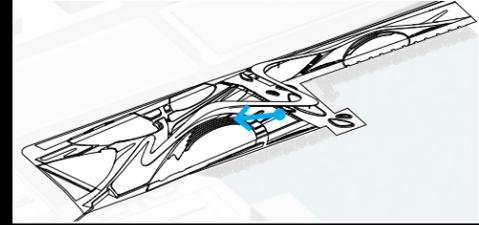
# MEADOW WALK IN SUMMER



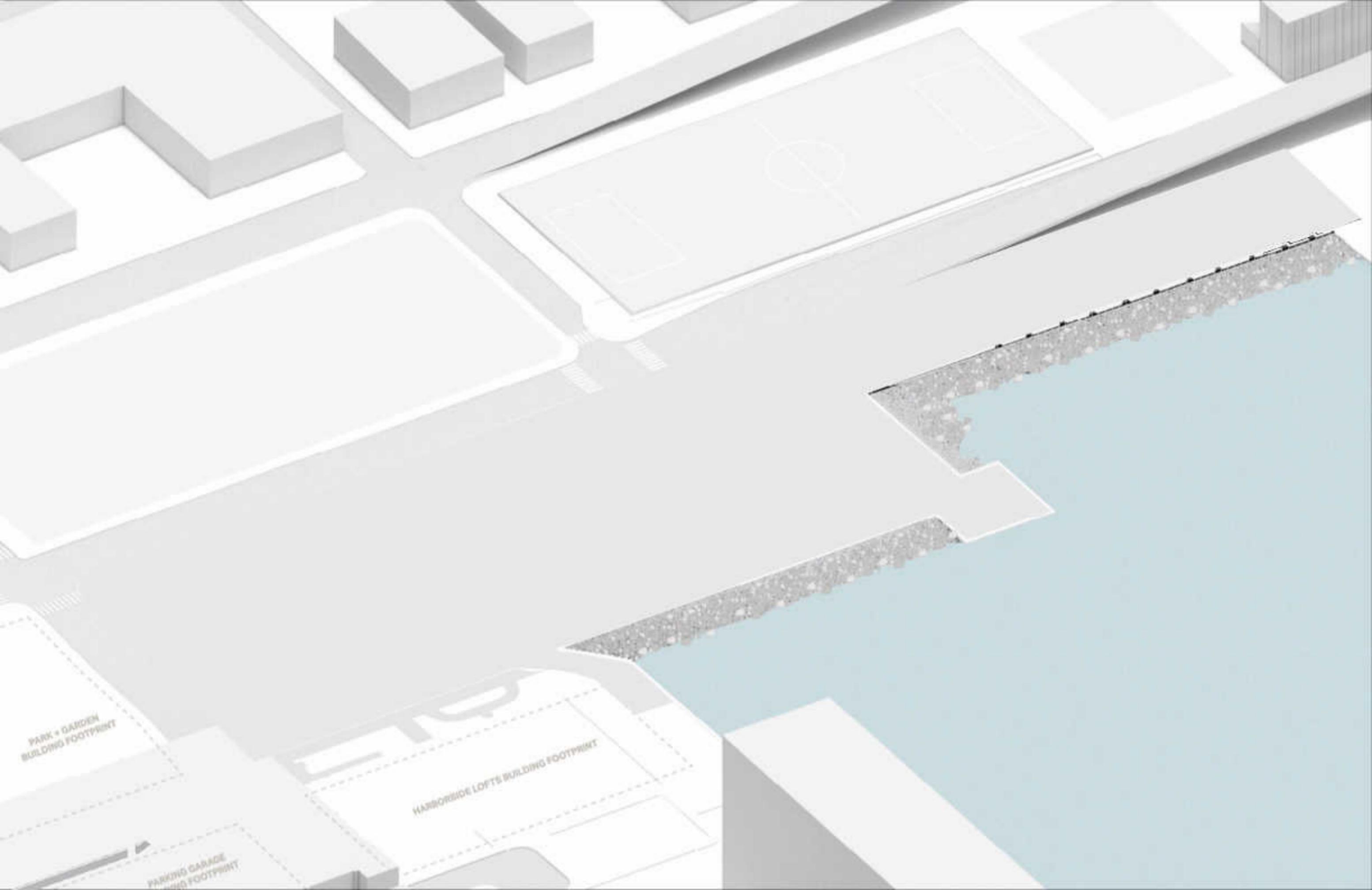
# MEADOW WALK IN FALL



# MEADOW WALK IN WINTER



# THE RIDGE



# DESIGN OBJECTIVES



**COHESIVE  
CIRCULATION**



**VISUAL IMPACT**



**ACTIVE KIDS  
SPACES**



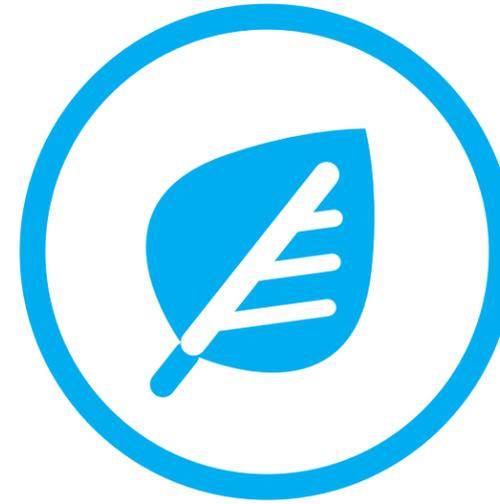
**SAFE STREET  
EDGES**



**MORE GREEN / LAWN**



**SHADE**



**RESILIENT +  
SUSTAINABLE**

# RIDGE PLAN



# RIDGE AXON

**Waterfront Lawns and Planting**

**Elevated Walkway**

**Basketball**

**Dog Park**

**Play**

**Play**

**Overlook**

**Open Lawn with Views**

**Waterfront Walk with  
Planting and Seating**

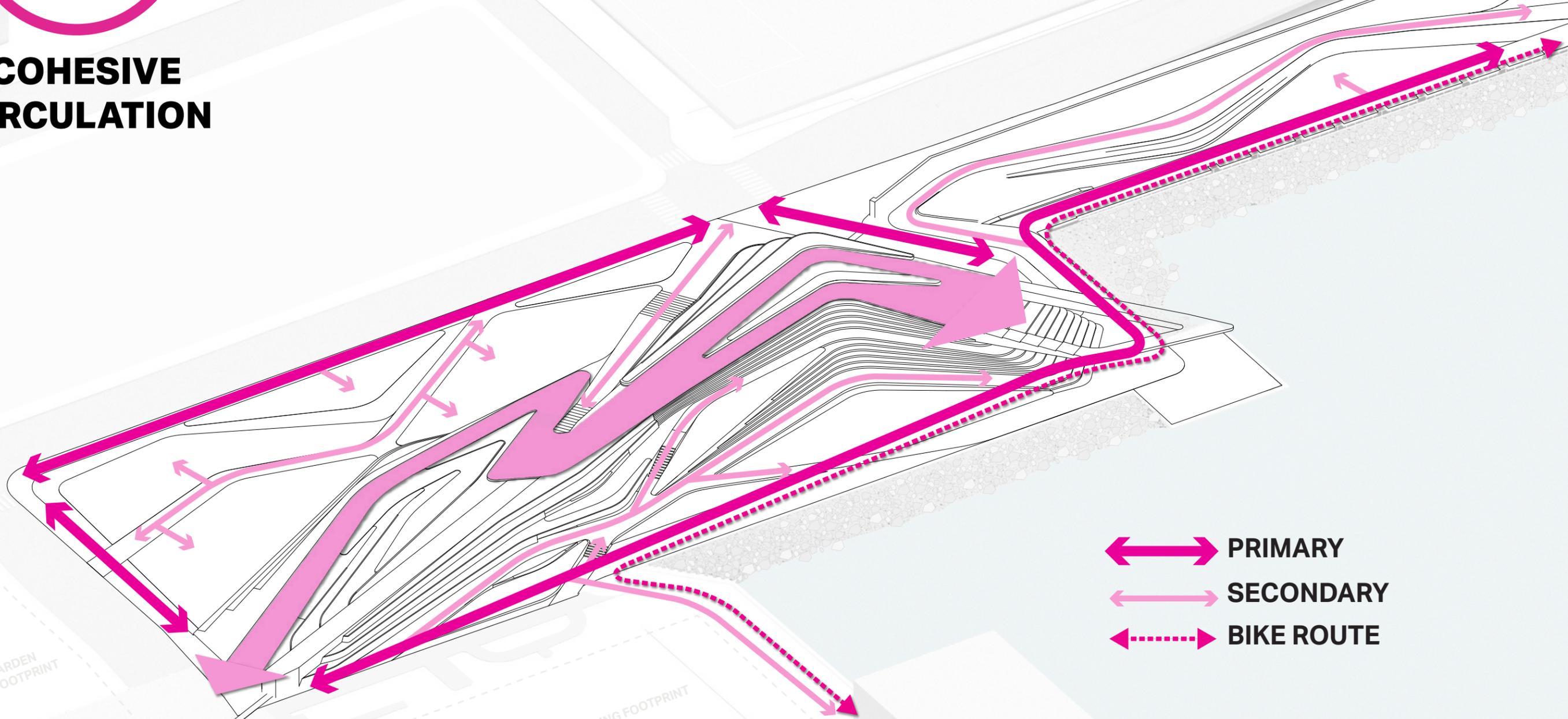
**Lawn for  
Active Uses**

PARK + GARDEN  
BUILDING FOOTPRINT

PUBLIC MEETING 03 PARKING GARAGE  
BUILDING FOOTPRINT



# COHESIVE CIRCULATION



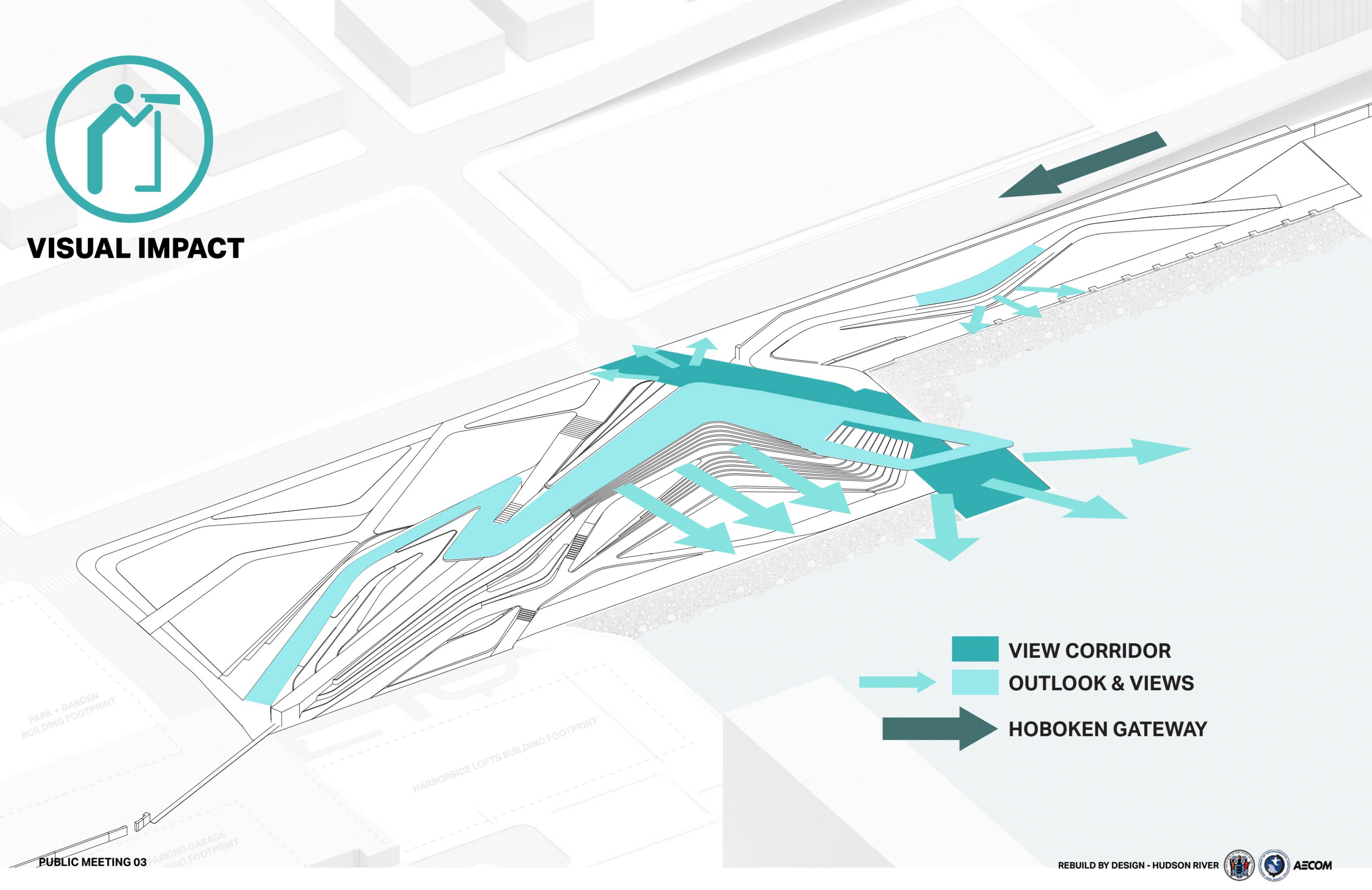
- PRIMARY
- SECONDARY
- BIKE ROUTE

PARK + GARDEN BUILDING FOOTPRINT

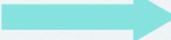
HARBORSIDE LOFTS BUILDING FOOTPRINT



# VISUAL IMPACT



 **VIEW CORRIDOR**

 **OUTLOOK & VIEWS**

 **HOBOKEN GATEWAY**

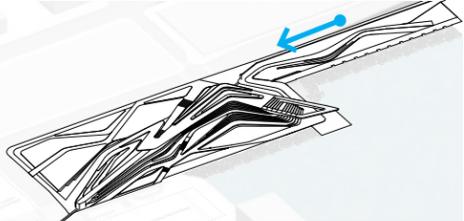
PARK + GARDEN  
BUILDING FOOTPRINT

HARBORSIDE LOFTS BUILDING FOOTPRINT

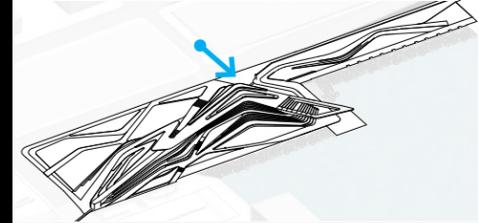
PARKING GARAGE  
BUILDING FOOTPRINT

PUBLIC MEETING 03

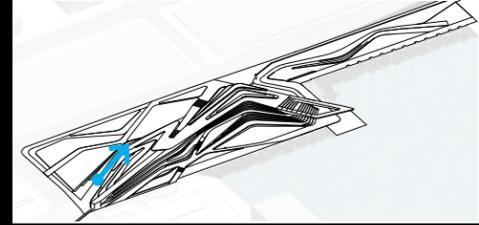
# GATEWAY INTO HOBOKEN



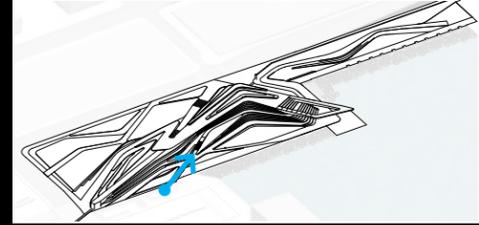
# 16TH ST. ENTRANCE



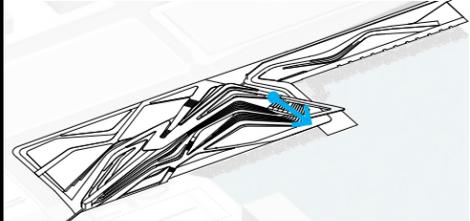
# ENTRANCE TO PALISADES WALKWAY



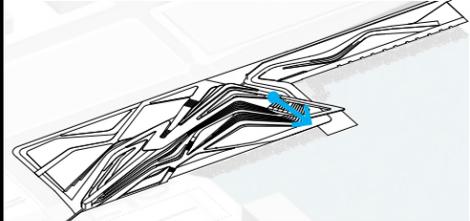
# GARDEN ST. ENTRANCE



# OUTLOOK ON THE RIDGE



# OUTLOOK ON THE RIDGE

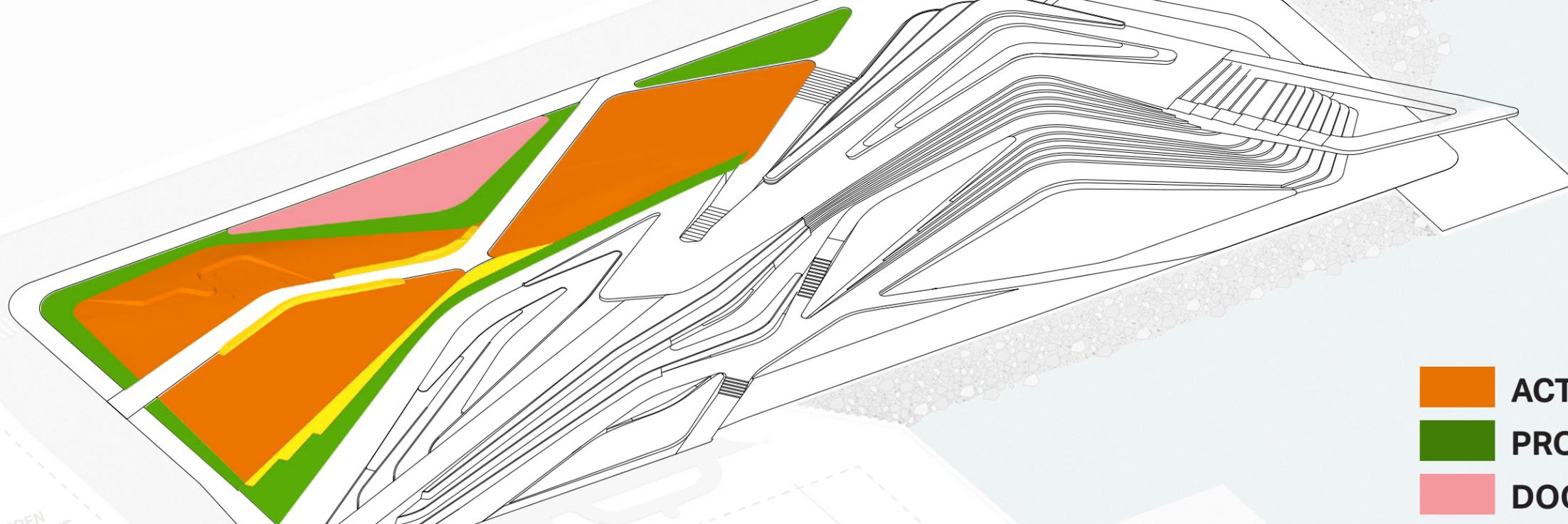




**ACTIVE KIDS SPACES**



**SAFE STREET EDGES**



-  **ACTIVE AREA FOR KIDS+FAMILIES**
-  **PROTECTIVE PLANTED BUFFERS**
-  **DOG RUN**
-  **ADJACENT SEATING AREA**

PARK + GARDEN BUILDING FOOTPRINT

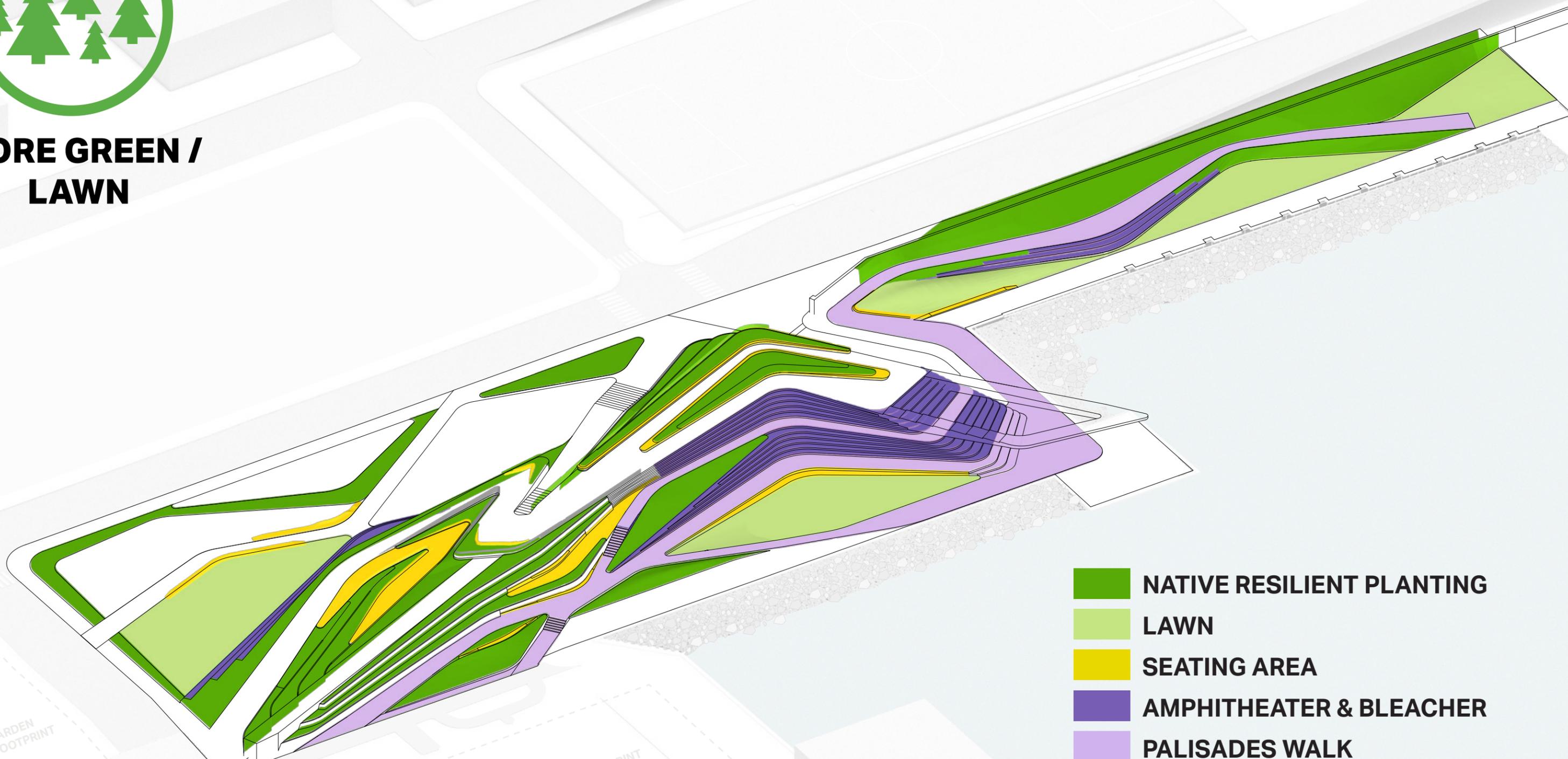
HARBORSIDE LOFTS BUILDING FOOTPRINT

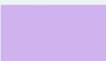
PUBLIC MEETING 03

PARKING GARAGE BUILDING FOOTPRINT

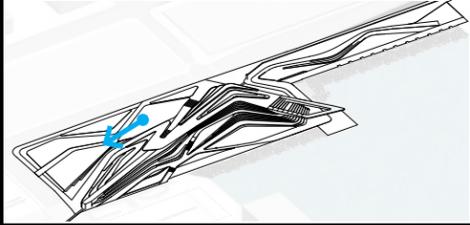


## MORE GREEN / LAWN

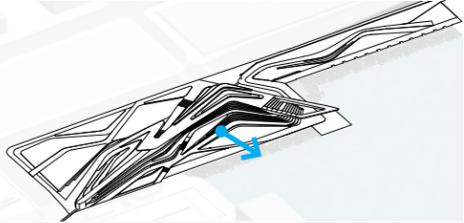


-  **NATIVE RESILIENT PLANTING**
-  **LAWN**
-  **SEATING AREA**
-  **AMPHITHEATER & BLEACHER**
-  **PALISADES WALK**

# PLAY & FIELD

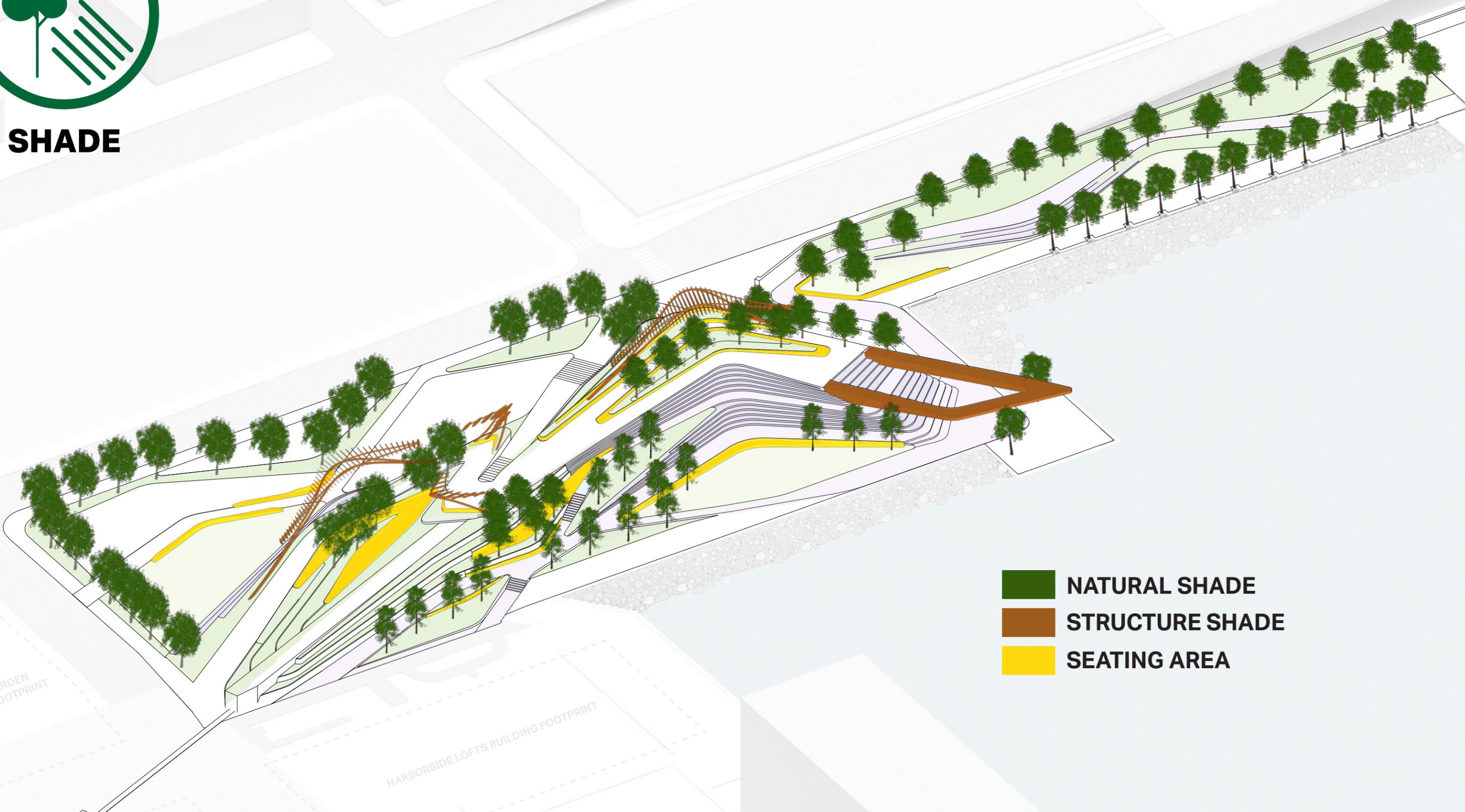


# CHILL ON THE WATERFRONT LAWN





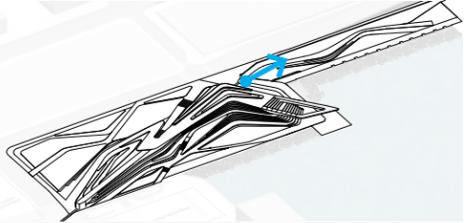
# SHADE



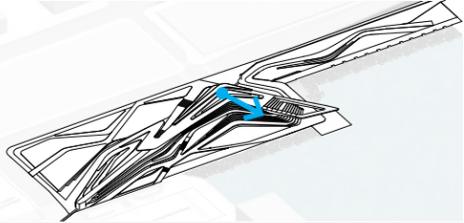
- NATURAL SHADE**
- STRUCTURE SHADE**
- SEATING AREA**

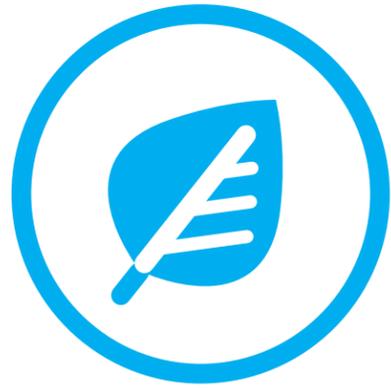


# LOOKING INTO WEEHAWKEN



# SPRING UNDER THE TRELLIS



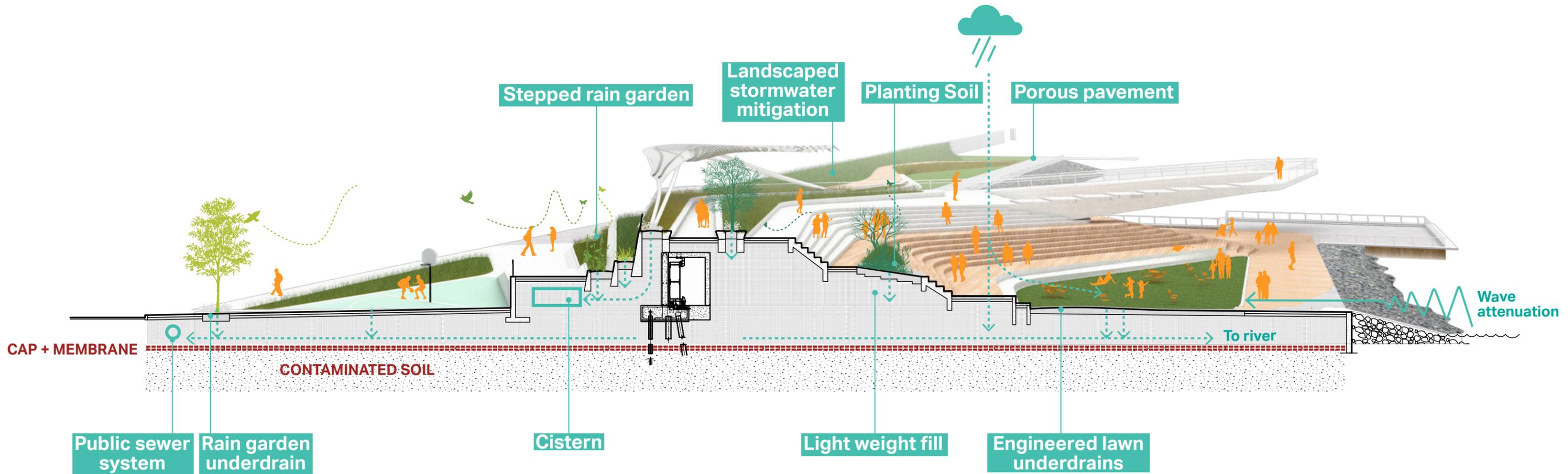


**RESILIENT + SUSTAINABLE**

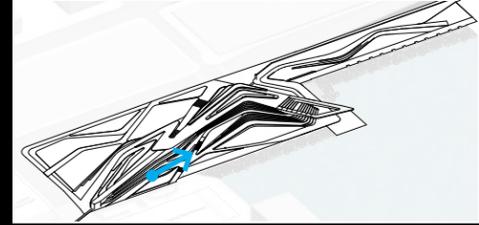


**DROUGHT TOLERANT**

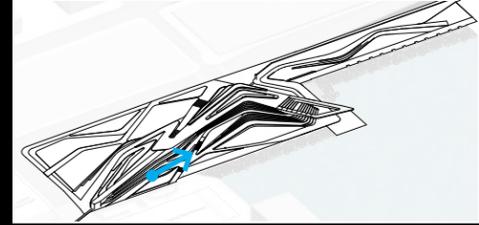
**SALT TOLERANT**



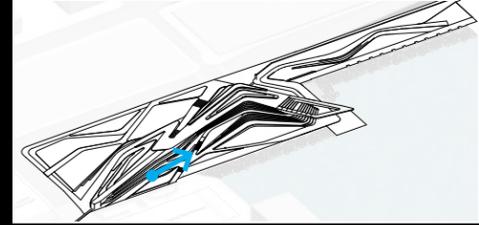
# PALISADES WALK IN SUMMER



# PALISADES WALK IN FALL



# PALISADES WALK IN WINTER



# PROGRAM COMPARISON



MEADOW: 50,900 S.F.

RIDGE: 38,800 S.F.

## RESILIENT NATIVE PLANTINGS



MEADOW: 9,100 S.F.

RIDGE: 9,300 S.F.

## PLAYGROUND



MEADOW: 3,400 S.F.

RIDGE: 2,900 S.F.

## DOG PARK



MEADOW: 3,700 S.F.

RIDGE: 7,300 S.F.

## AMPHITHEATER

# PROGRAM COMPARISON



MEADOW: 13,900 S.F.

RIDGE: 14,500 S.F.

**ELEVATED WALKWAY / OUTLOOK**



MEADOW: 13,800 S.F.

RIDGE: 17,000 S.F.

**PLAZA**



MEADOW: 19,700 S.F.

RIDGE: 18,100 S.F.

**LAWN**



MEADOW: 2751 L.F.

RIDGE: 2198 L.F.

**SHADED SEATING**

# **NEXT STEPS + KEY DATES**

## **UPCOMING ENGAGEMENT OPPORTUNITIES**

- **DIGITAL SURVEY**

- JUNE 6-28, 2019

- <http://bit.ly/RBDHsurvey>

- **PUBLIC MEETING #4**

- FALL 2019

- **Questions & Comments:**

- [rbd-hudsonriver@dep.nj.gov](mailto:rbd-hudsonriver@dep.nj.gov)

- **Mail**

- Dennis Reinknecht, Chief  
Bureau of Climate Resilience Design & Engineering  
501 East State Street,  
Mail Code 501-01A, PO Box 420  
Trenton, NJ 08625-0420

- **Website:**

- [www.rbd-hudsonriver.nj.gov](http://www.rbd-hudsonriver.nj.gov)

# THE TEAM

## WHO YOU WILL SEE TONIGHT FROM THE AECOM PROJECT TEAM



Presenter

**ERIC OLSEN**  
Landscape Architecture /  
Urban Design and Community  
Engagement



Presenter

**GONZALO CRUZ**  
Landscape Architecture &  
Urban Design Principal



**KAREN APPELL PE, CPESC**  
Project Manager



**CHRISTY CHENG, OMA**  
Community Engagement



**TOM VARGO PE, CCM**  
Senior Design / Construction  
Engineer



**COLBY SEIBERT**  
Project Engineer



**RAN WEI**  
Landscape Designer



**LAUREN SHOATS**  
Landscape Designer



**TIMOTHY HO, OMA**  
Community Engagement



**LAUREN MICIR**  
Landscape Designer



**ANDREW LIANG**  
Landscape Designer



**DANIEL SGRIZZI**  
Landscape Designer

PARK AVE

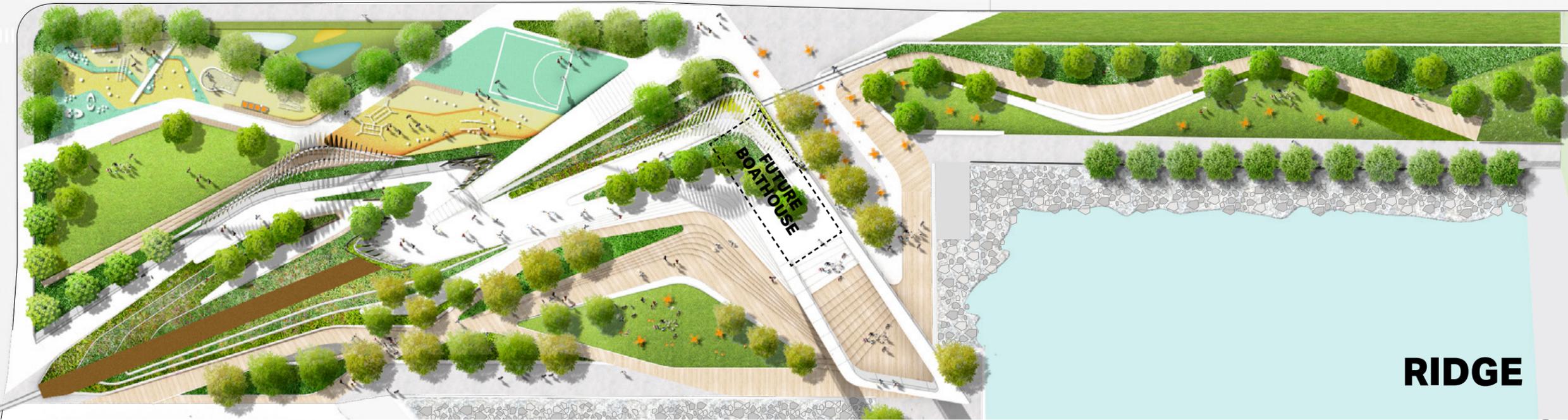
15TH ST.



**MEADOW**

PARK AVE

15TH ST.



**RIDGE**

# END