

# East Side Coastal Resiliency

Interactive Community Engagement Meeting

December 11, 2018

Hunter-Brookdale Rotunda





# GOALS FOR TONIGHT

**Provide detailed update & explanation on design approach for the East River Park concept.**

**Gather input and feedback on key programming and design elements.**

**Review design for additional areas, including Con Ed “Pinch Point”.**



# **PRESENTATION AGENDA**

**Introduction & Goals**

**East River Park Update**

**Design Walk Through**

**Schedule & Next Steps**



An aerial photograph of a city, likely New York City, showing a dense urban grid, a river, and a bridge. The image is overlaid with a teal gradient. The text "INTRODUCTION & GOALS" is centered in white, bold, sans-serif font.

# INTRODUCTION & GOALS



## PROJECT GOALS & ORIGIN

**Provide a reliable, integrated flood protection system; minimize use of closure structures.**

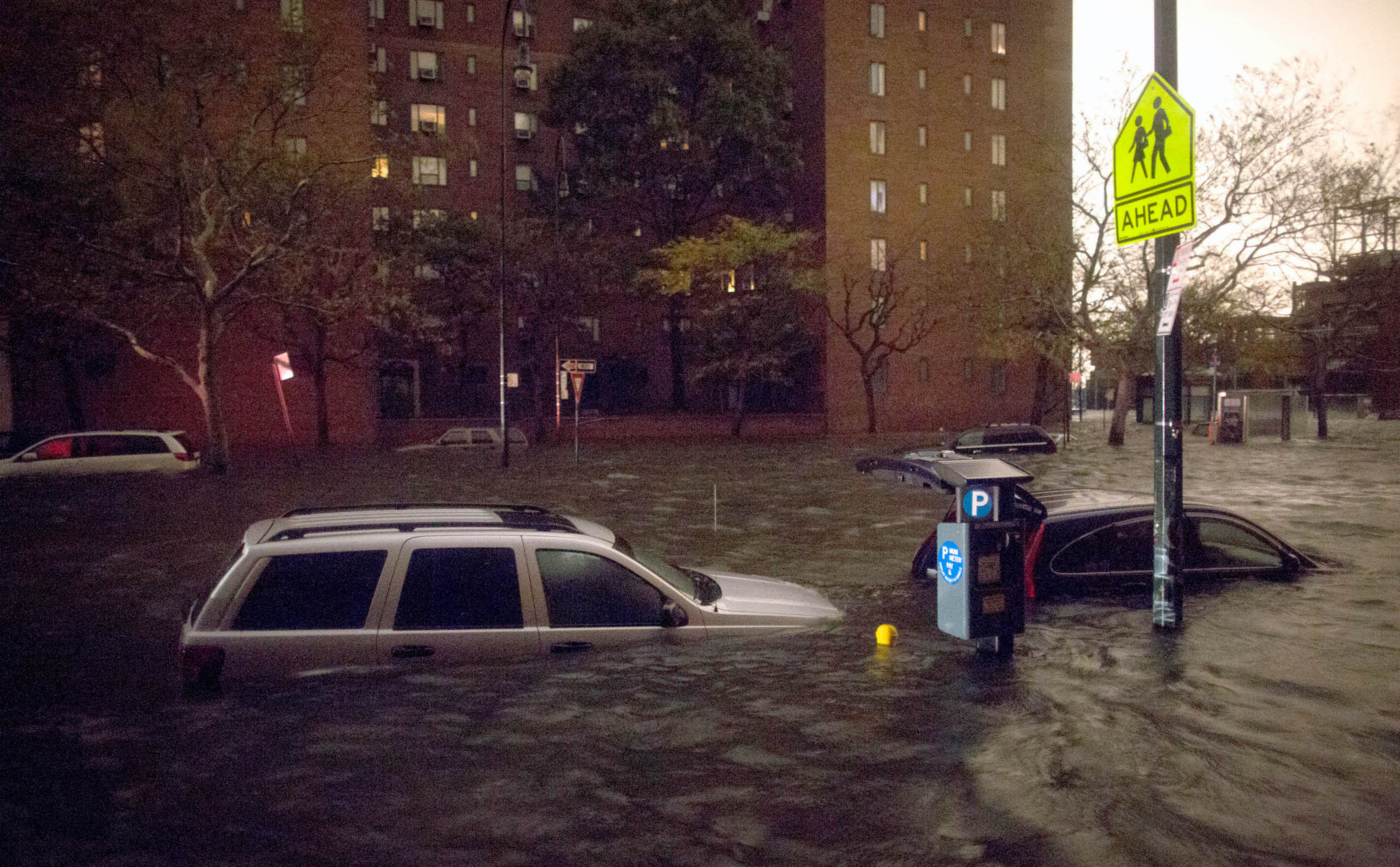
**Improve waterfront open spaces and access.**

**Achieve implementation milestones and project funding allocations as established by HUD.**

**Respond quickly to the urgent need for increased flood protection and resiliency.**



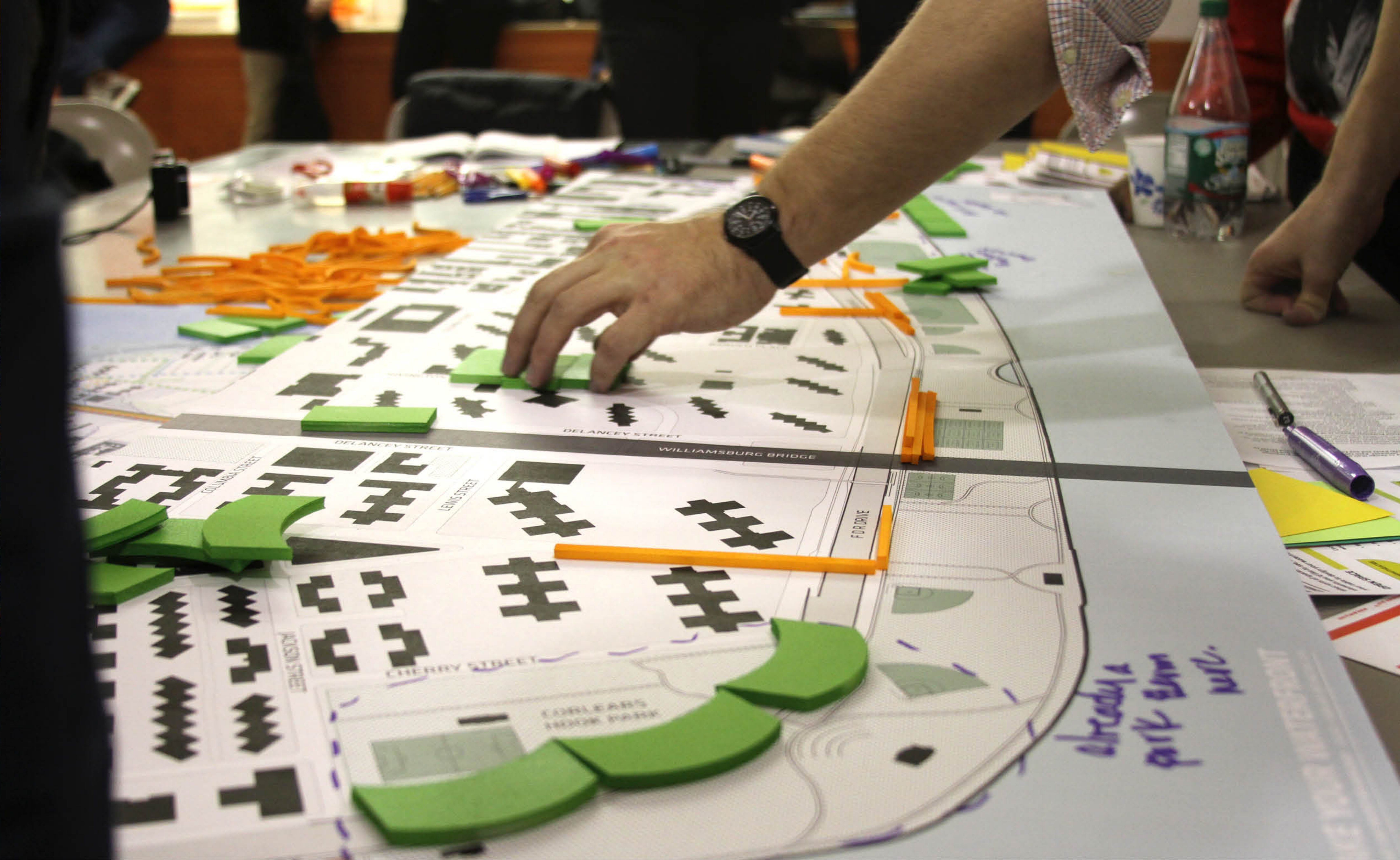




**PROVIDE FLOOD PROTECTION**







## IMPROVE WATERFRONT OPEN SPACES & ACCESS







## MEET HUD REQUIREMENTS



RENDERING FROM THE HUD REBUILD BY DESIGN COMPETITION





**RESPOND TO URGENT NEED FOR FLOOD PROTECTION**





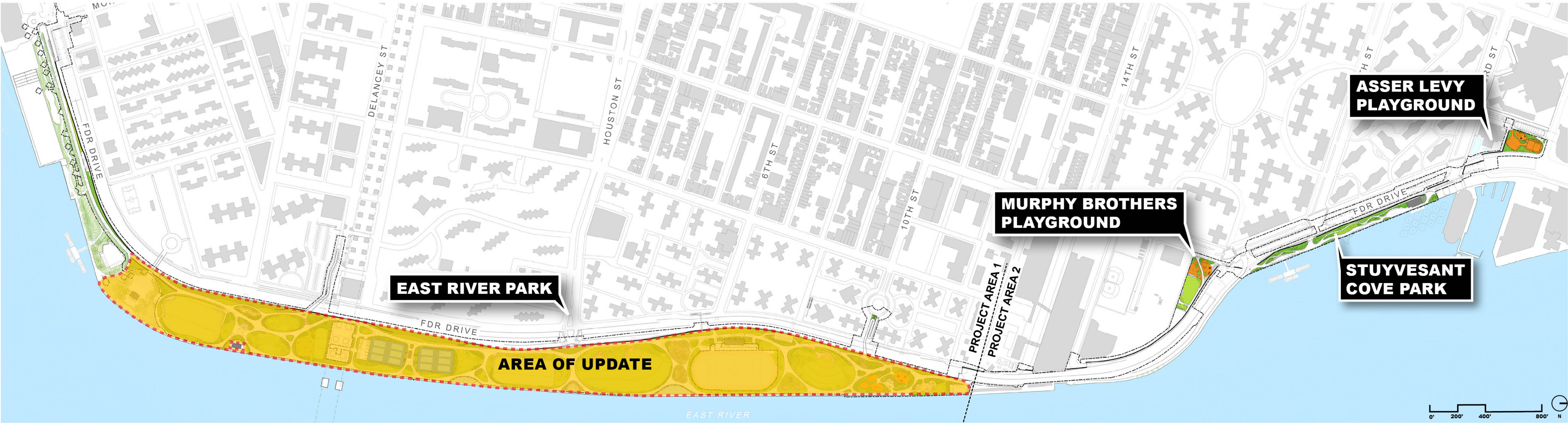
An aerial photograph of East River Park in New York City, featuring a dense urban grid, a suspension bridge, and a waterfront promenade. The image is overlaid with a semi-transparent teal color. The text "EAST RIVER PARK UPDATE" is centered in white, bold, sans-serif font.

# EAST RIVER PARK UPDATE



# DESIGN APPROACH

EAST SIDE COASTAL RESILIENCY PROJECT

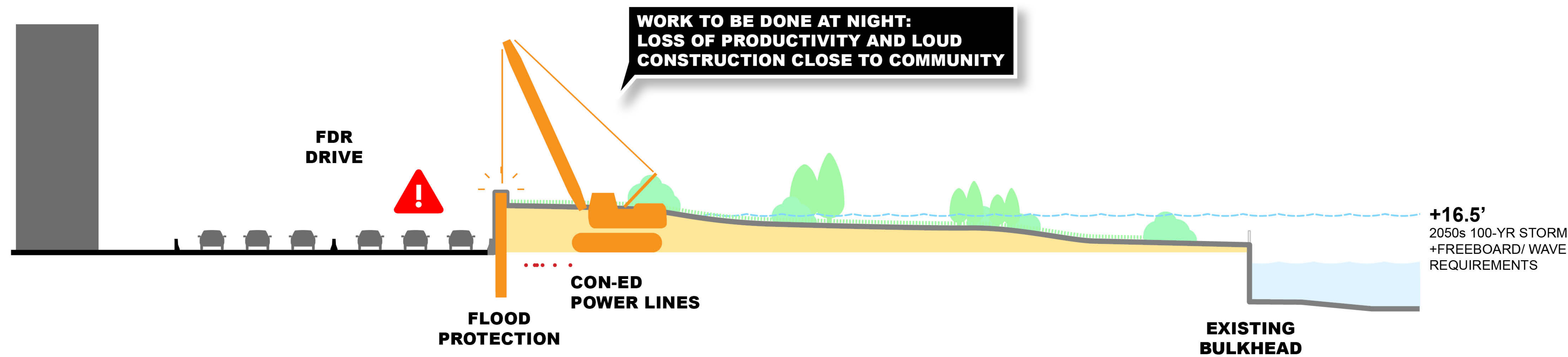




# IMPROVED CONSTRUCTABILITY

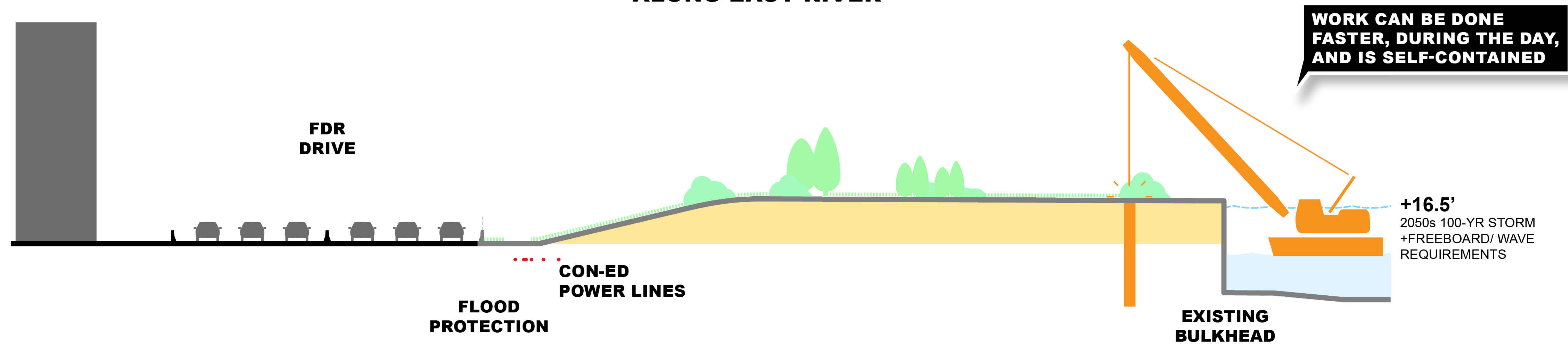
DELIVERY RISK REDUCED BY MINIMIZING FDR WORK

## PREVIOUS PLAN:



## CURRENT PLAN:

### FLOOD PROTECTION ALONG FDR VS. ALONG EAST RIVER





# IMPROVED SCHEDULE

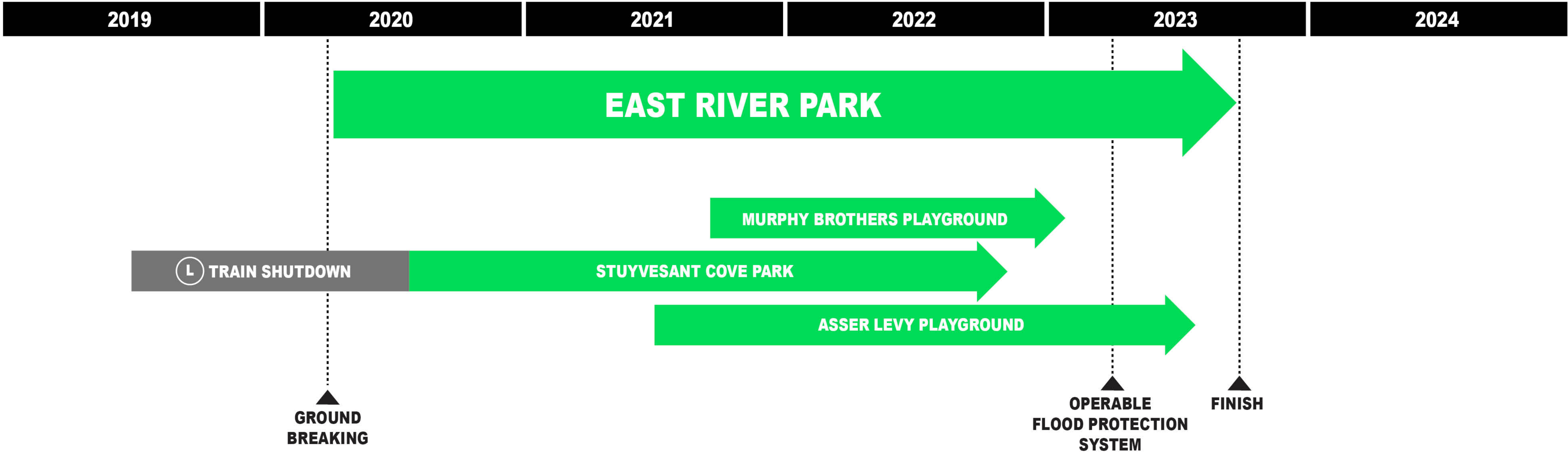
OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON

## PREVIOUS PLAN



## CURRENT PLAN

FLOOD PROTECTION BY HURRICANE SEASON 2024  
VS.  
FLOOD PROTECTION BY HURRICANE SEASON 2023

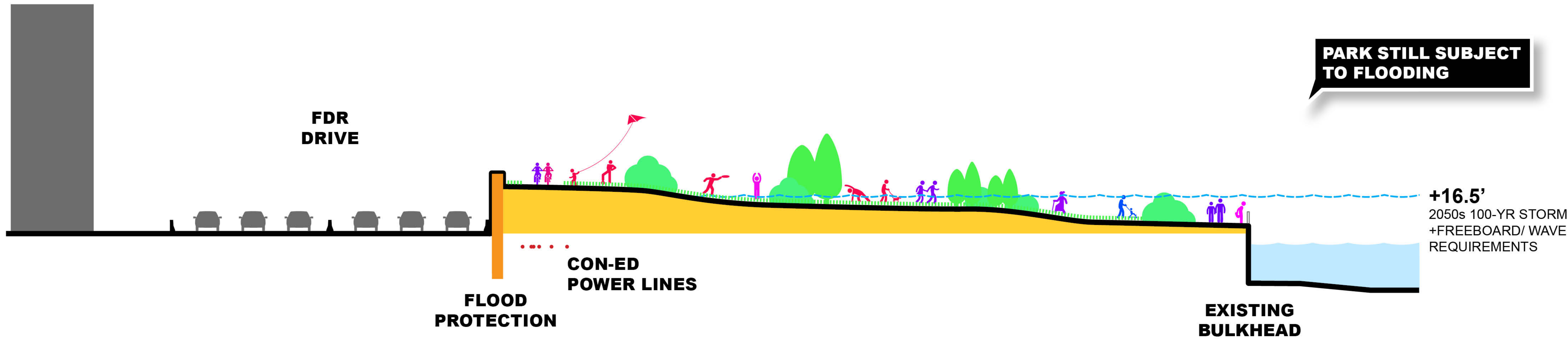




# IMPROVED PARK RESILIENCY

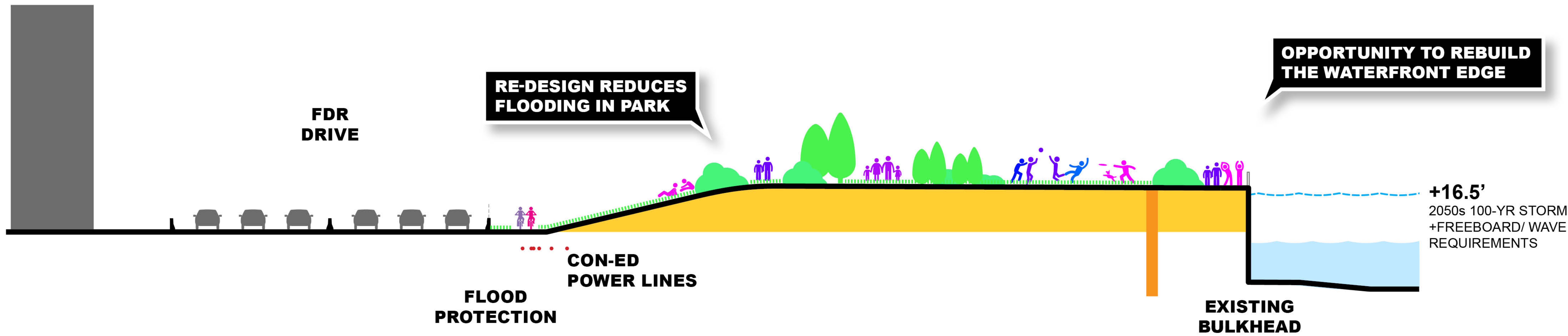
PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

## PREVIOUS PLAN



## CURRENT PLAN

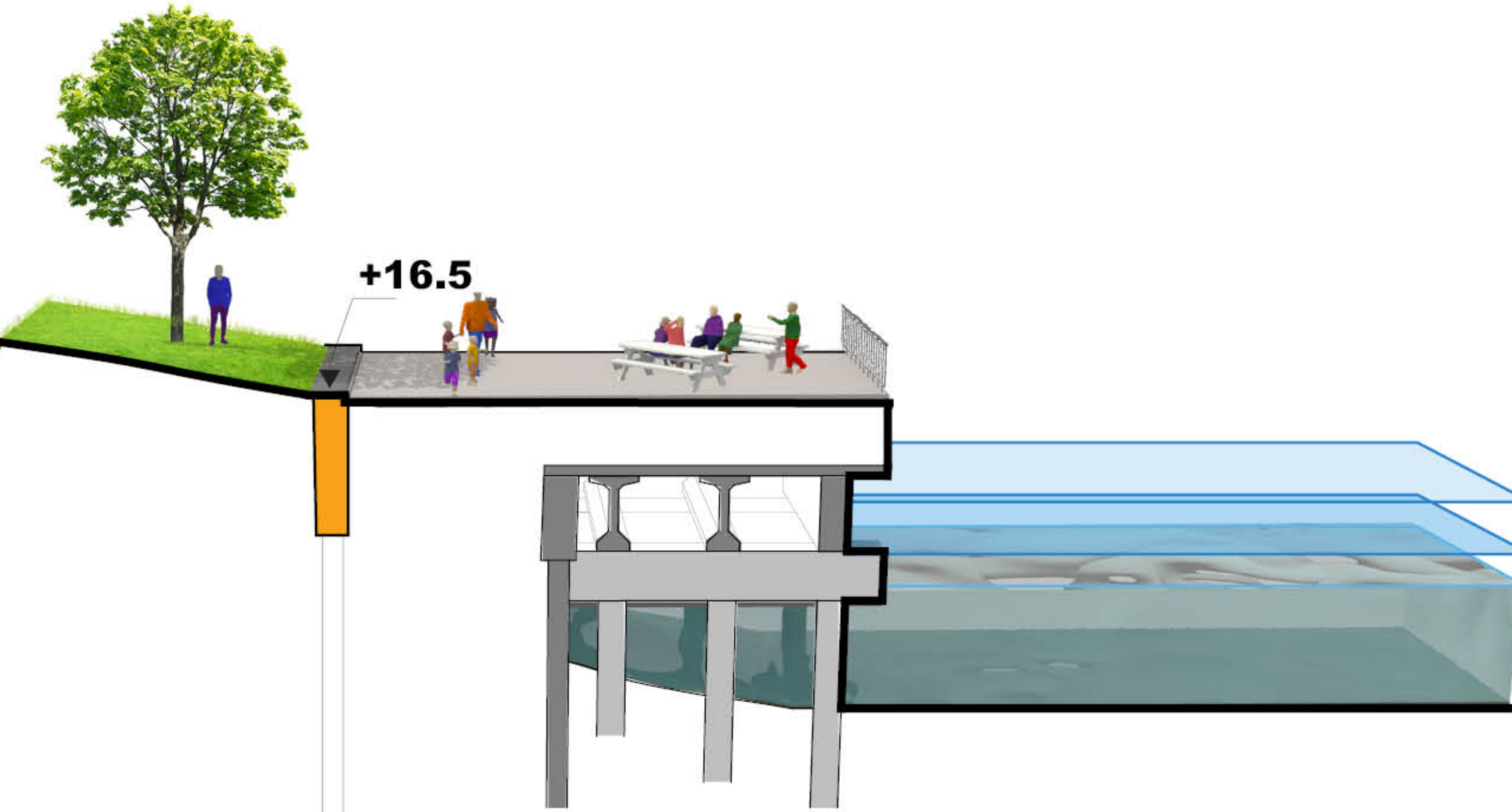
### FLOOD PROTECTION ALONG FDR VS. RAISED & REBUILT EAST RIVER PARK



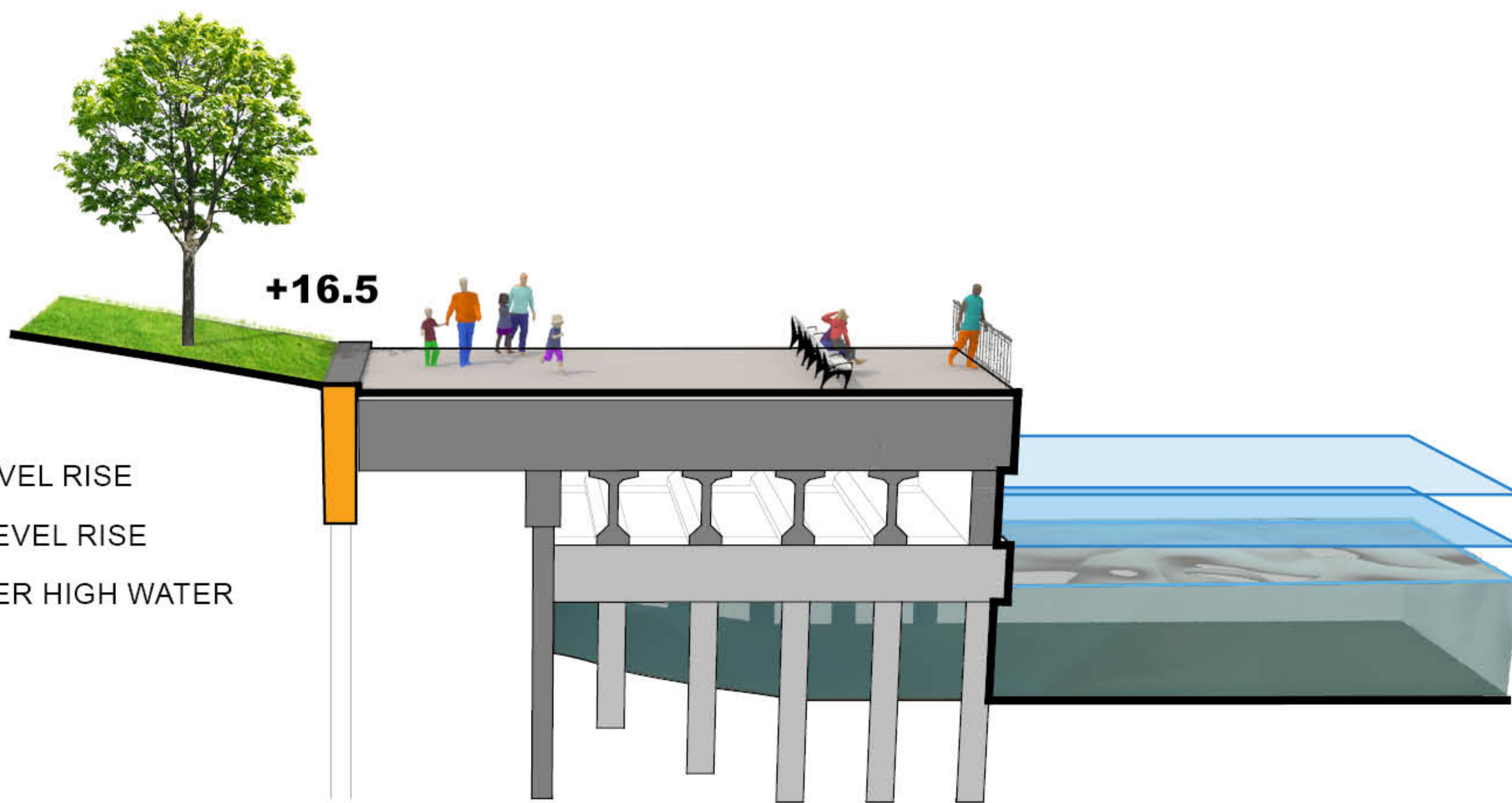


# IMPROVED PARK RESILIENCY

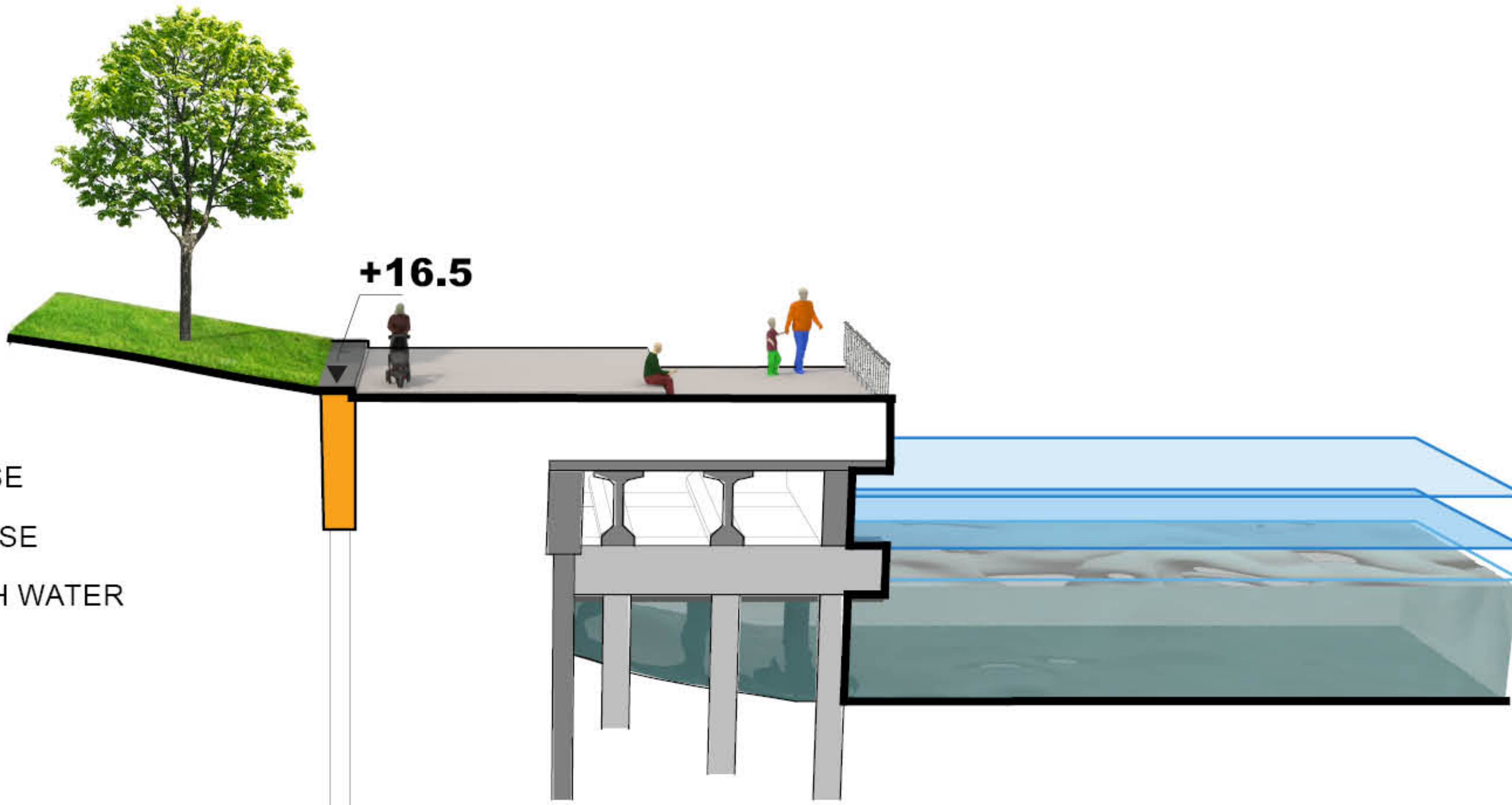
## OPTIONS FOR INCORPORATING WATER ACCESS



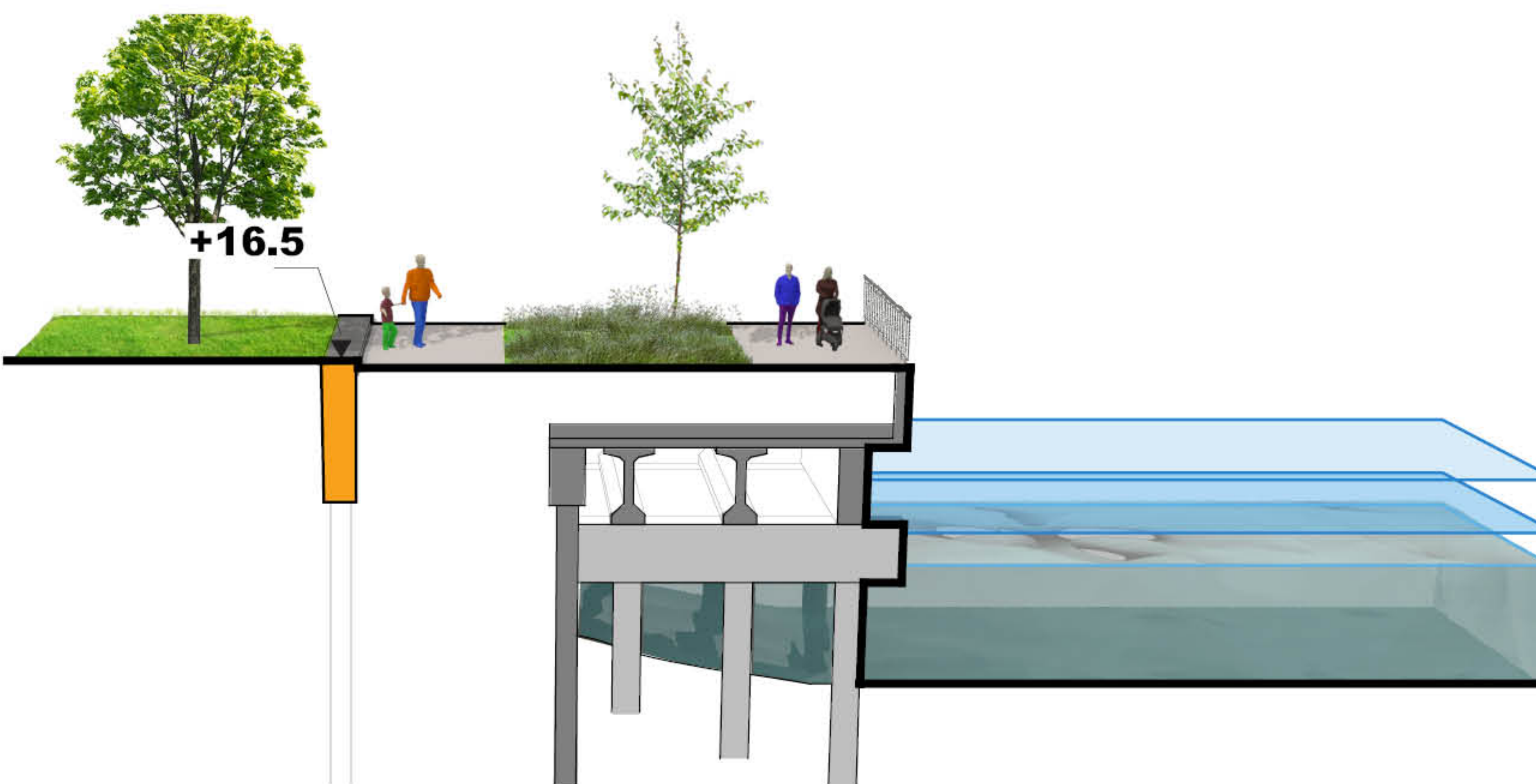
ACTIVE EDGE



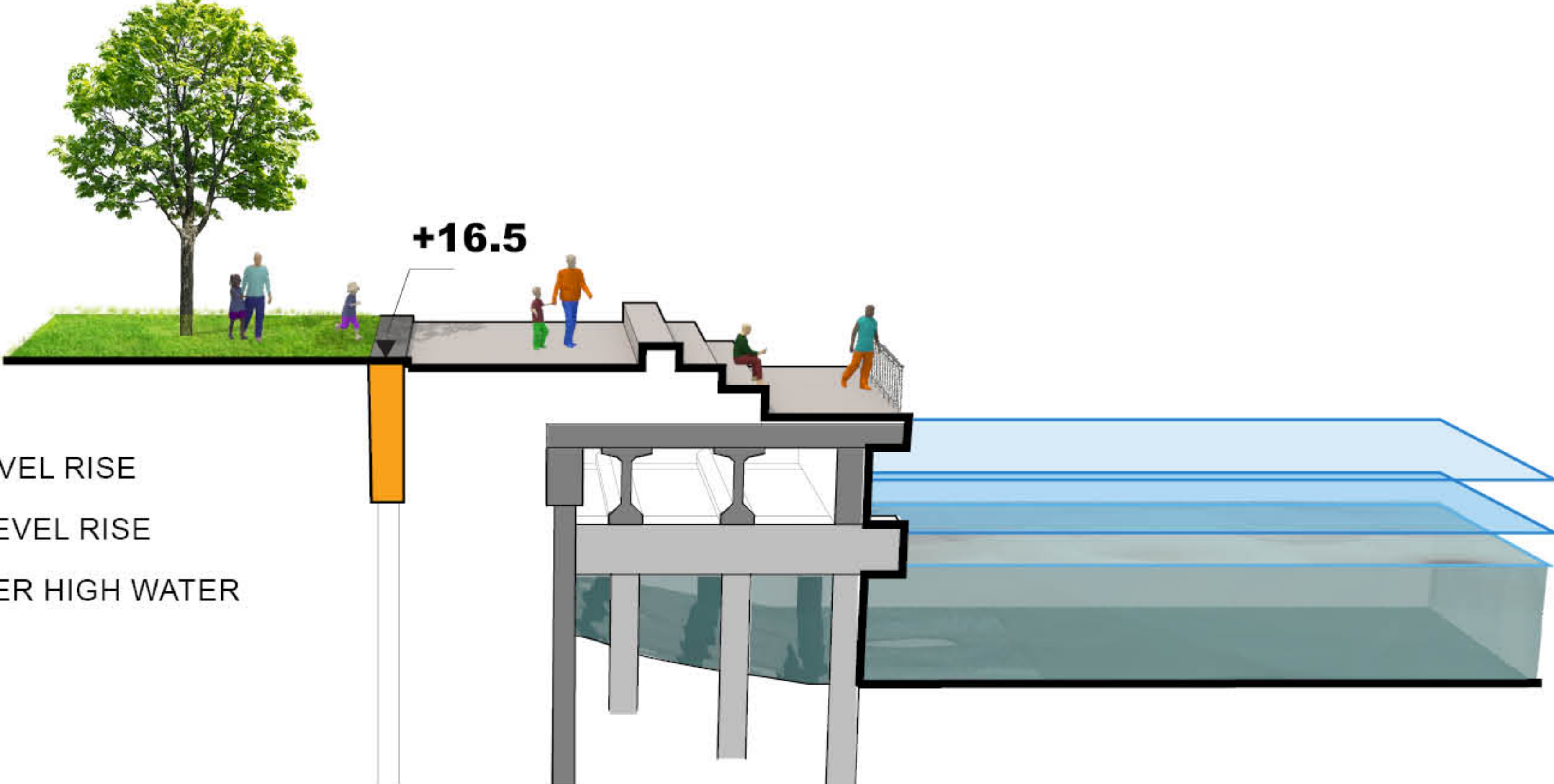
CIVIC PROMENADE



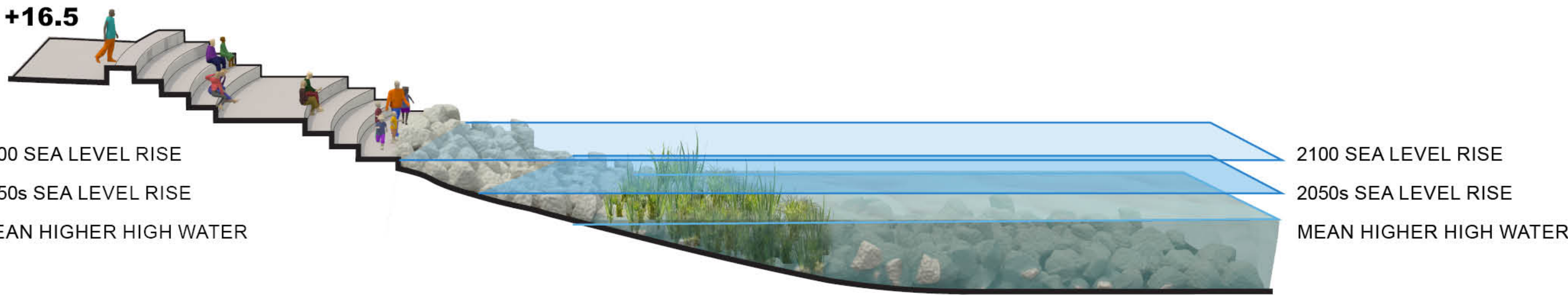
STEP UP



PLANTED EDGE



STEP DOWN



EMBAYMENT





**RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER**

## **A GREAT WATERFRONT PARK**

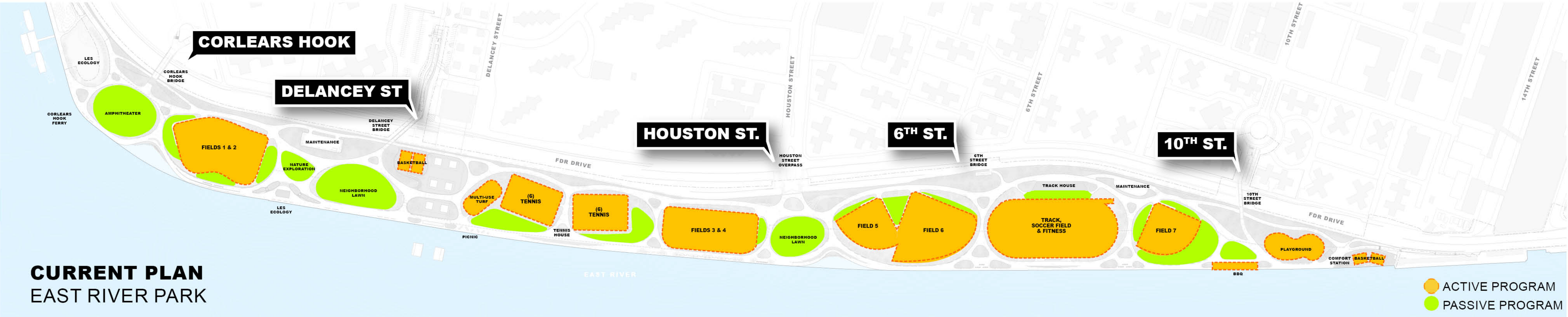
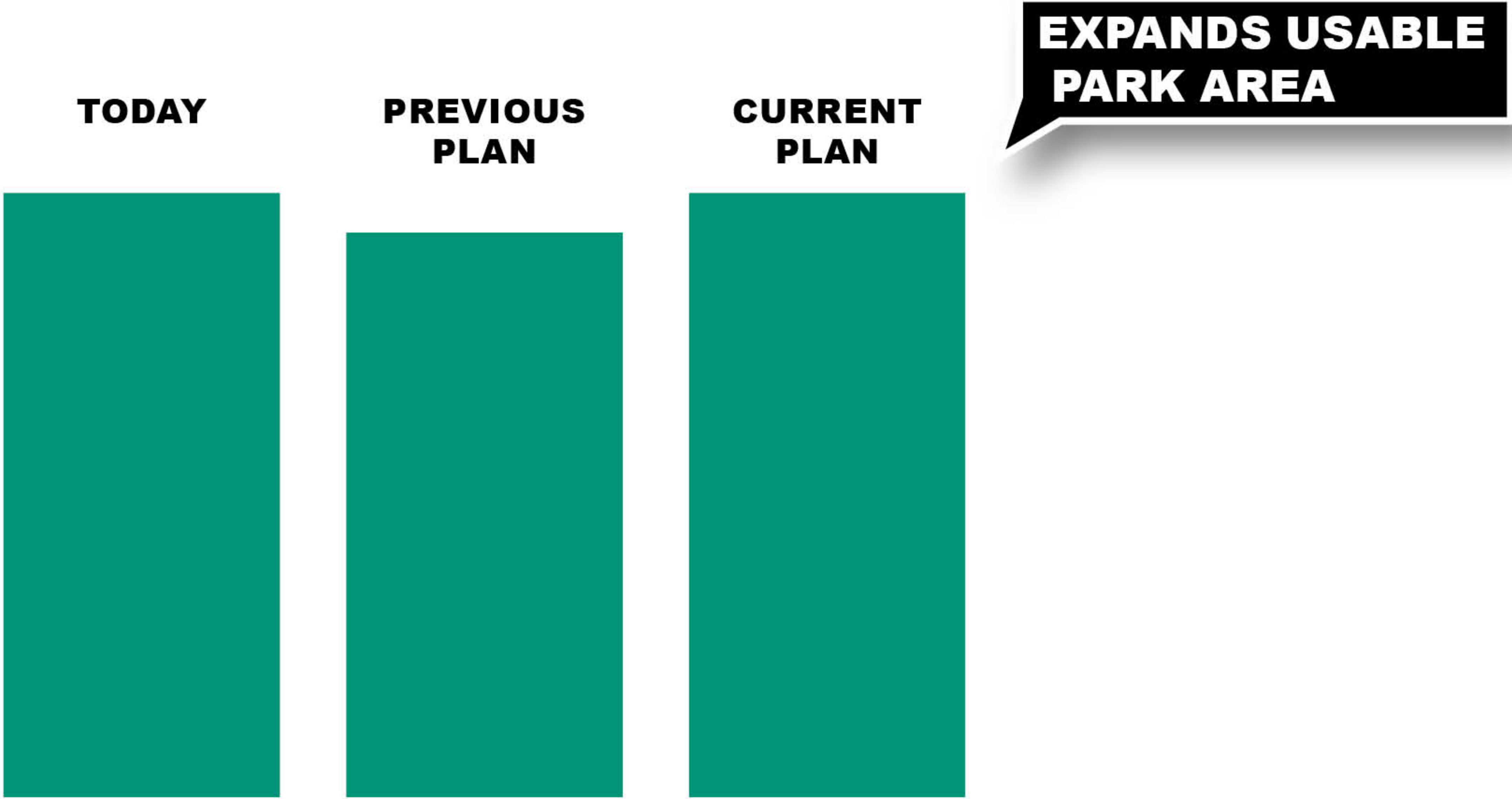






# PARK PROGRAM

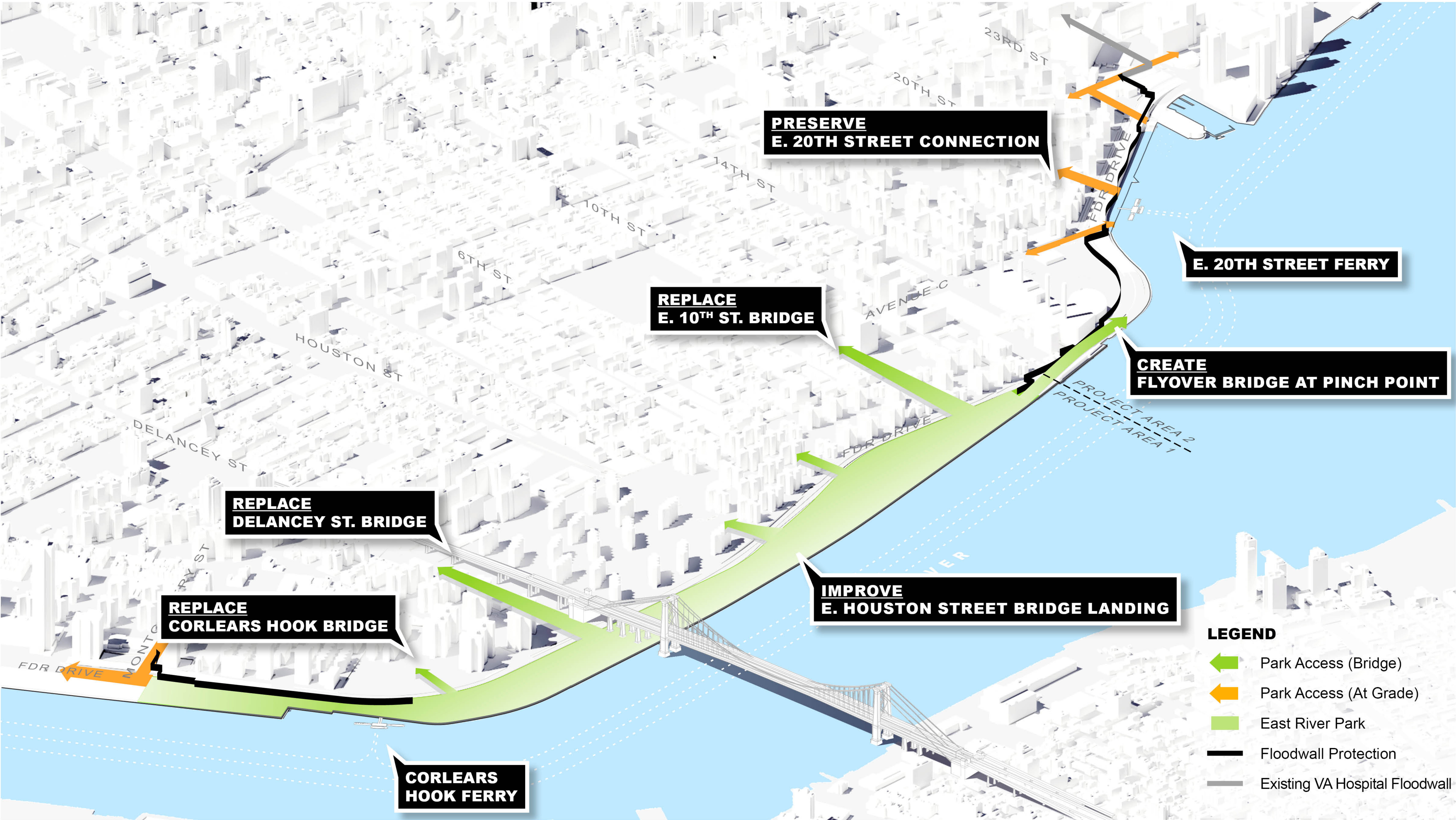
DESIGN APPROACH





# WATERFRONT OPEN SPACES & ACCESS

IMPROVING PARK ACCESS





# WATERFRONT OPEN SPACES & ACCESS

IMPROVING PEDESTRIAN BRIDGE CONNECTIONS



**CORLEARS HOOK BRIDGE**  
LOWER EAST RIVER PARK



**DELANCEY STREET BRIDGE**  
CENTRAL EAST RIVER PARK



**EAST 10<sup>TH</sup> STREET BRIDGE**  
UPPER EAST RIVER PARK



# WATERFRONT OPEN SPACES & ACCESS

FLYOVER BRIDGE AT PINCH POINT







**TRACK & FIELD AREA**  
PREVIOUS DESIGN





**TRACK & FIELD AREA**  
PREVIOUS DESIGN - STORM CONDITIONS





**TRACK & FIELD AREA**  
CURRENT PLAN





**TRACK & FIELD AREA**  
CURRENT PLAN - STORM CONDITIONS



An aerial photograph of a city, likely New York City, showing a dense urban grid, a river, and a suspension bridge. The image is overlaid with a semi-transparent teal gradient. The text "DESIGN WALK THROUGH" is centered in white, bold, sans-serif capital letters.

# DESIGN WALK THROUGH









**DELANCEY AREA**  
CURRENT PLAN





**AMPHITHEATER**  
CURRENT PLAN OPPORTUNITY



# AMPHITHEATER

CURRENT PLAN OPPORTUNITY

PAVED TERRACES +  
BANDSHELL



**EAST RIVER PARK**  
NEW YORK, NEW YORK

GATHERING LAWN +  
STAGE PLATFORM



**BROOKLYN BRIDGE PARK**  
BROOKLYN, NEW YORK

TERRACED LANDSCAPE +  
STAGE PLATFORM



**BARRETTO POINT PARK**  
BRONX, NEW YORK

LANDSCAPE +  
BANDSHELL



**PROSPECT PARK BANDSHELL**  
BROOKLYN, NEW YORK





**DELANCEY OVERLOOK**  
EXISTING CONDITIONS





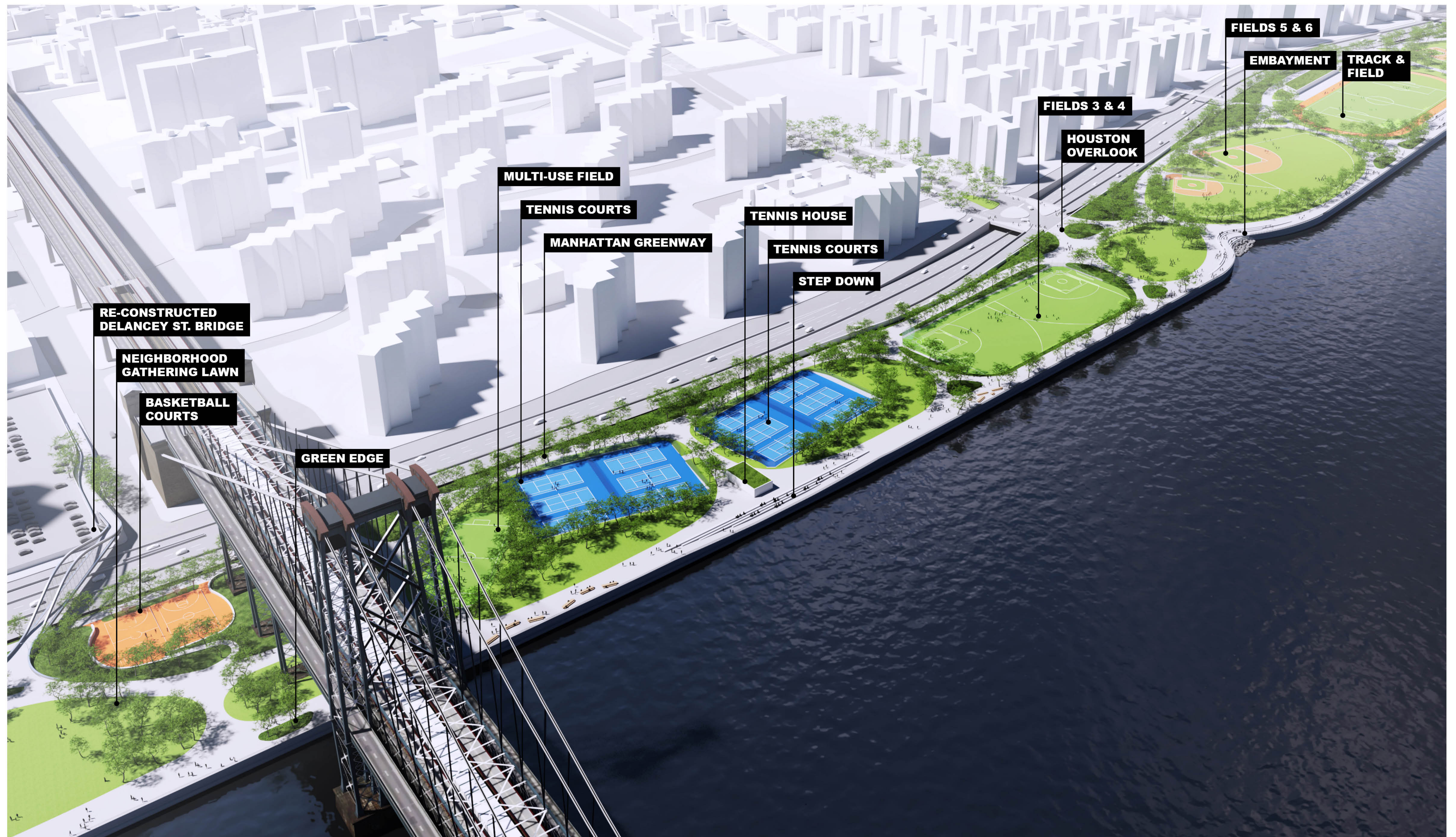
**DELANCEY OVERLOOK**  
CURRENT PLAN





**DELANCEY OVERLOOK**  
CURRENT PLAN - STORM CONDITIONS





**BARUCH HOUSES AREA**  
CURRENT PLAN





**RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER**

**HOUSTON AREA**  
CURRENT PLAN





**RENDERING DEPICTS 2050 MEAN HIGHER HIGH WATER**

**HOUSTON AREA**  
CURRENT PLAN





**TRACK & E. 10<sup>TH</sup> ST. AREA**  
CURRENT PLAN





**FDR GATES - OPEN**  
CURRENT PLAN





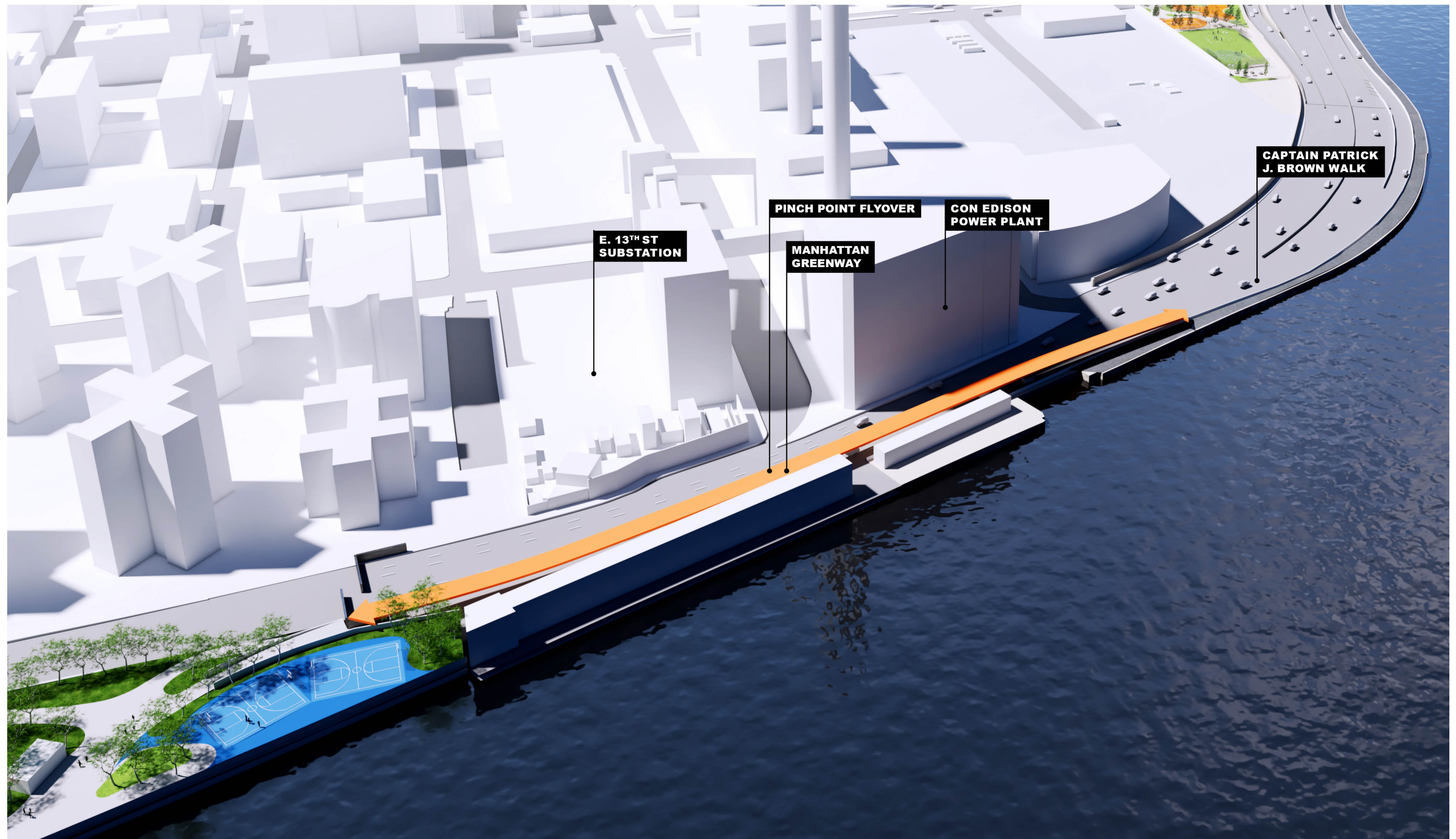
**FDR GATES - CLOSED**  
CURRENT PLAN - STORM CONDITIONS



An aerial photograph of a city waterfront, overlaid with a semi-transparent teal filter. A multi-lane highway runs diagonally from the bottom left towards the top right. To the left of the highway is a dense urban area with various buildings. To the right of the highway is a waterfront area with a park featuring green fields, trees, and a small structure. Several boats are visible in the water. The text 'PROJECT AREA 2' is centered in white, bold, sans-serif font.

# PROJECT AREA 2





**PINCH POINT FLYOVER BRIDGE**  
 CURRENT PLAN





**PROJECT AREA 2 PARKS**  
EXISTING CONDITIONS





**PROJECT AREA 2 PARKS**  
PRELIMINARY DESIGN





**MURPHY BROTHERS PLAYGROUND**  
EXISTING CONDITIONS





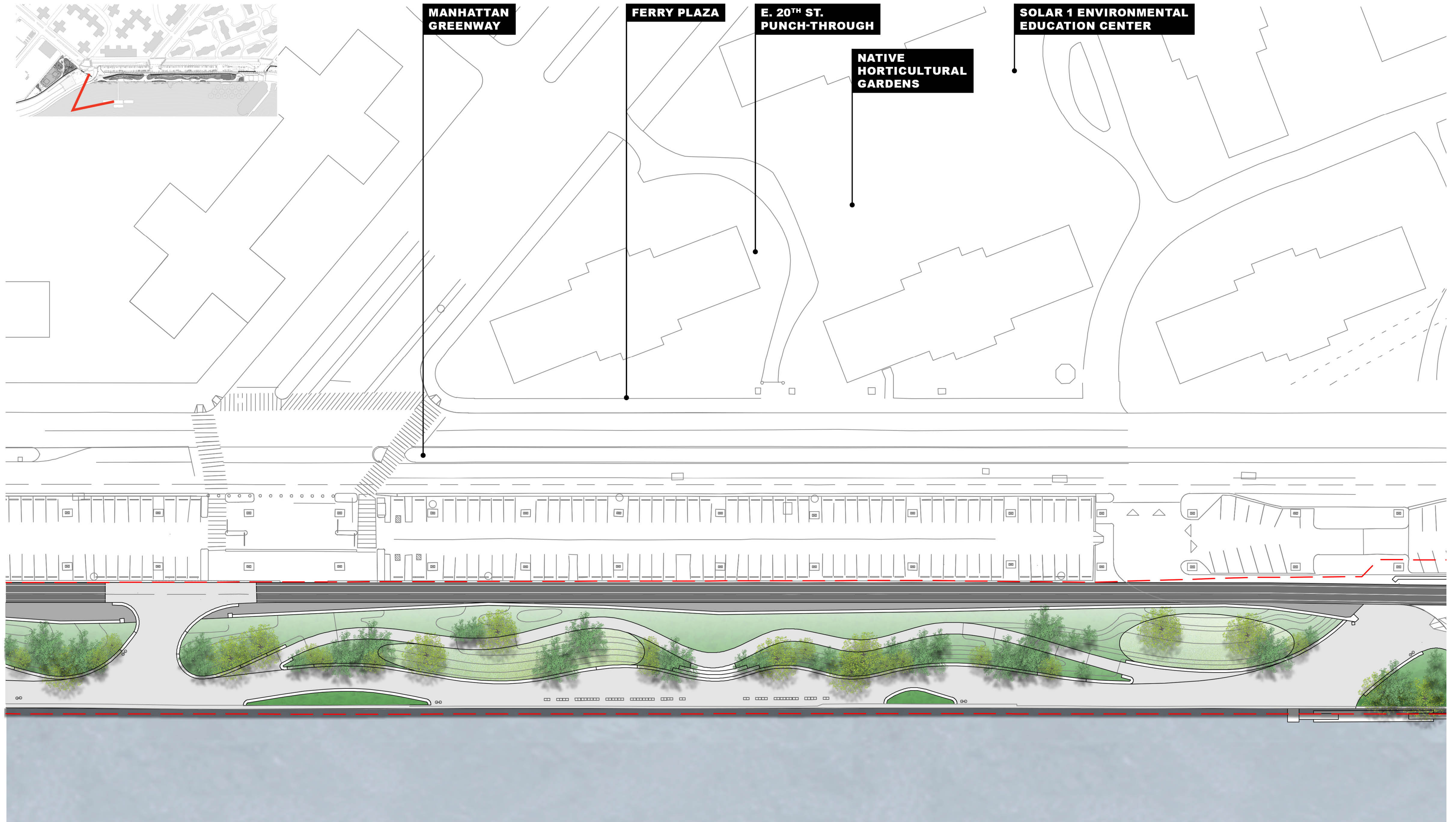
**MURPHY BROTHERS PLAYGROUND**  
PRELIMINARY DESIGN





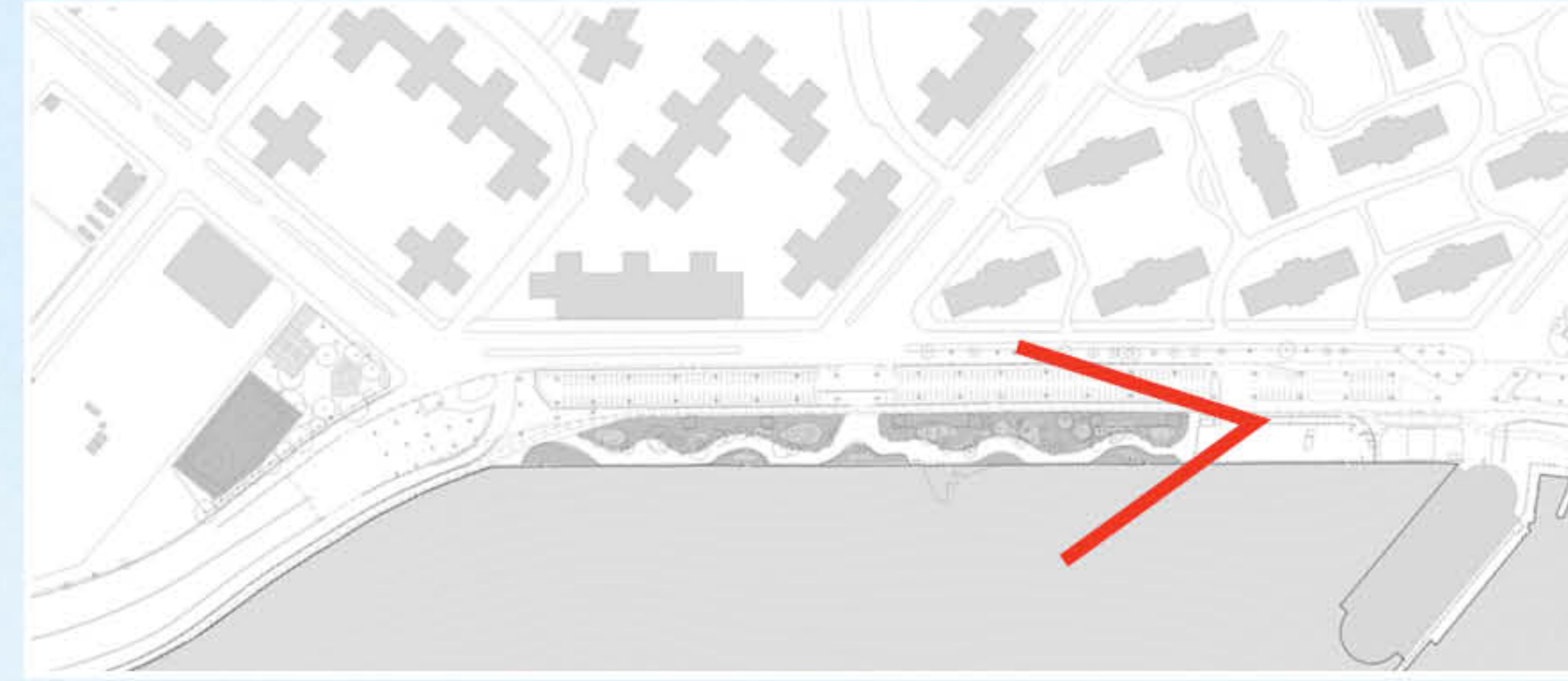
**STUYVESANT COVE PARK**  
EXISTING CONDITIONS





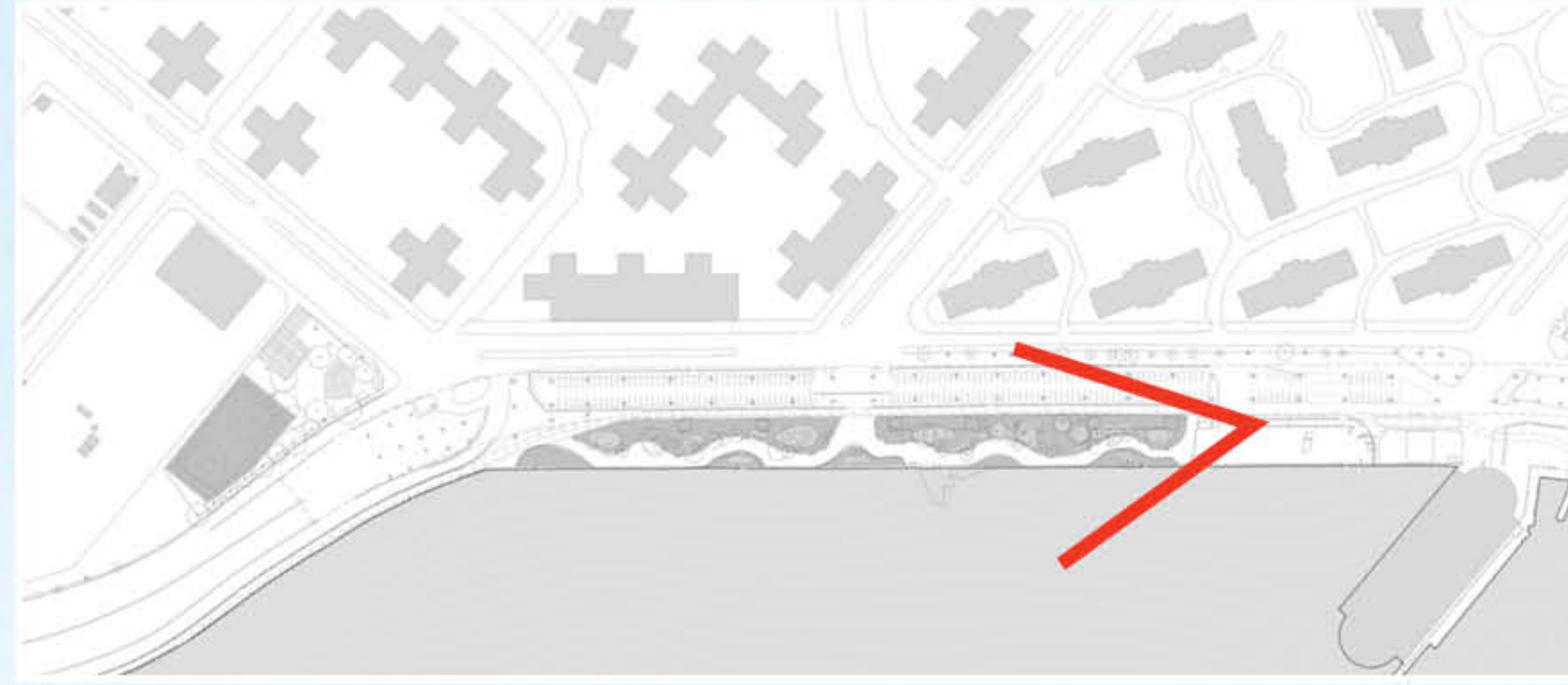
**STUYVESANT COVE PARK**  
PRELIMINARY DESIGN





**STUYVESANT COVE PARK**  
EXISTING CONDITIONS





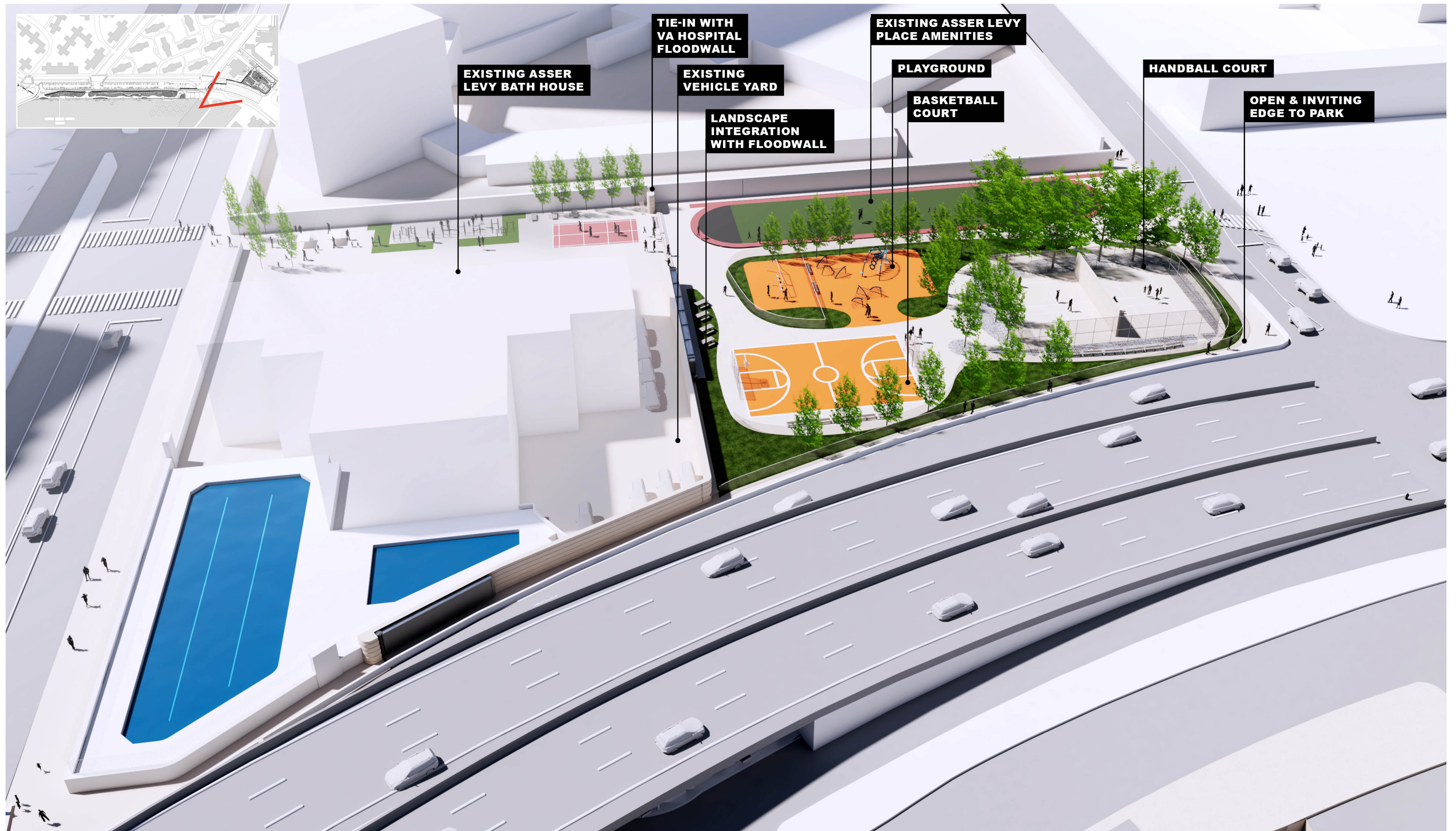
**STUYVESANT COVE PARK**  
PRELIMINARY DESIGN





**ASSER LEVY PLAYGROUND**  
EXISTING CONDITIONS





**ASSER LEVY PLAYGROUND**  
PRELIMINARY DESIGN

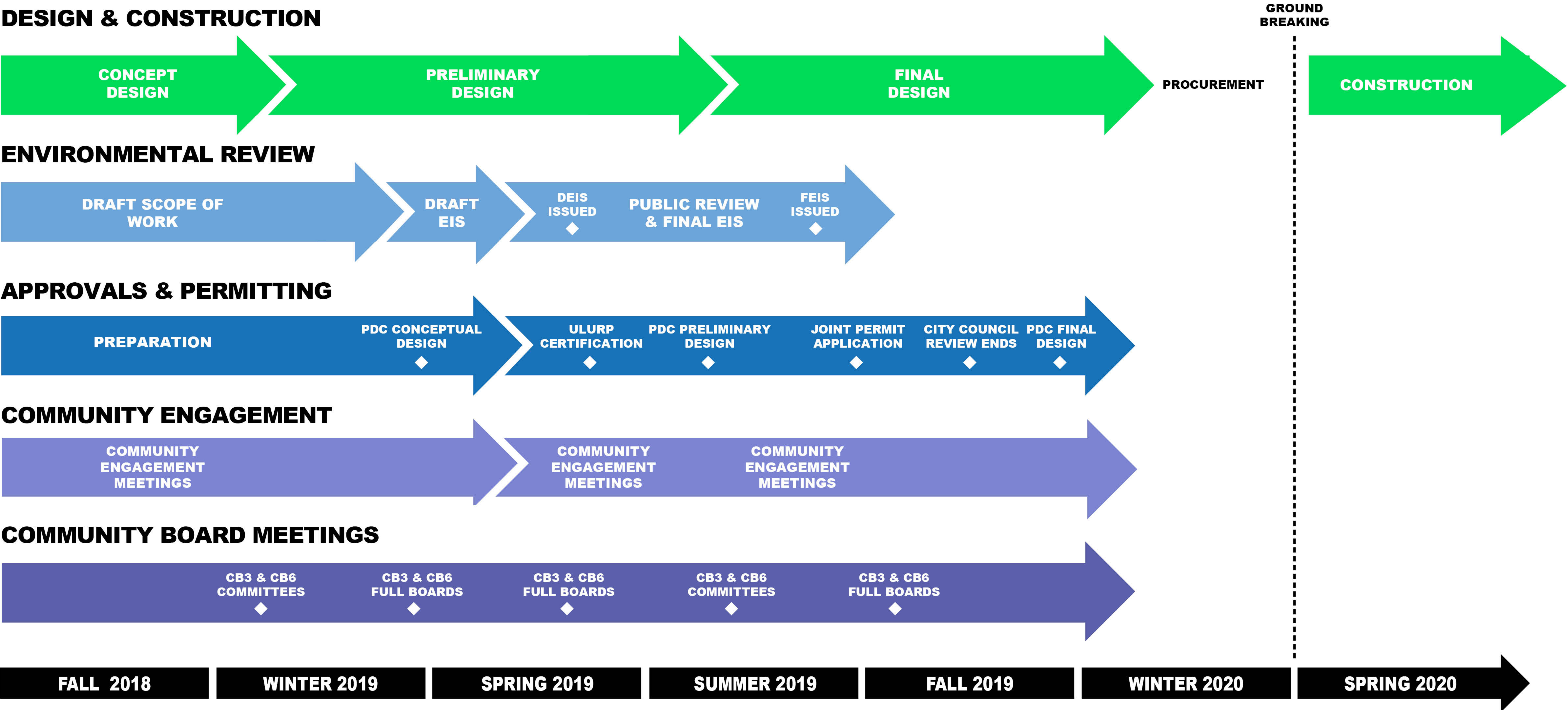


An aerial, isometric-style illustration of a cityscape, likely New York City, featuring a dense grid of buildings. A prominent bridge, resembling the Manhattan Bridge, spans a body of water. Along the waterfront, there is a park area with green spaces, trees, and what appears to be a sports field or stadium. The entire image is overlaid with a semi-transparent teal color.

# **SCHEDULE & NEXT STEPS**

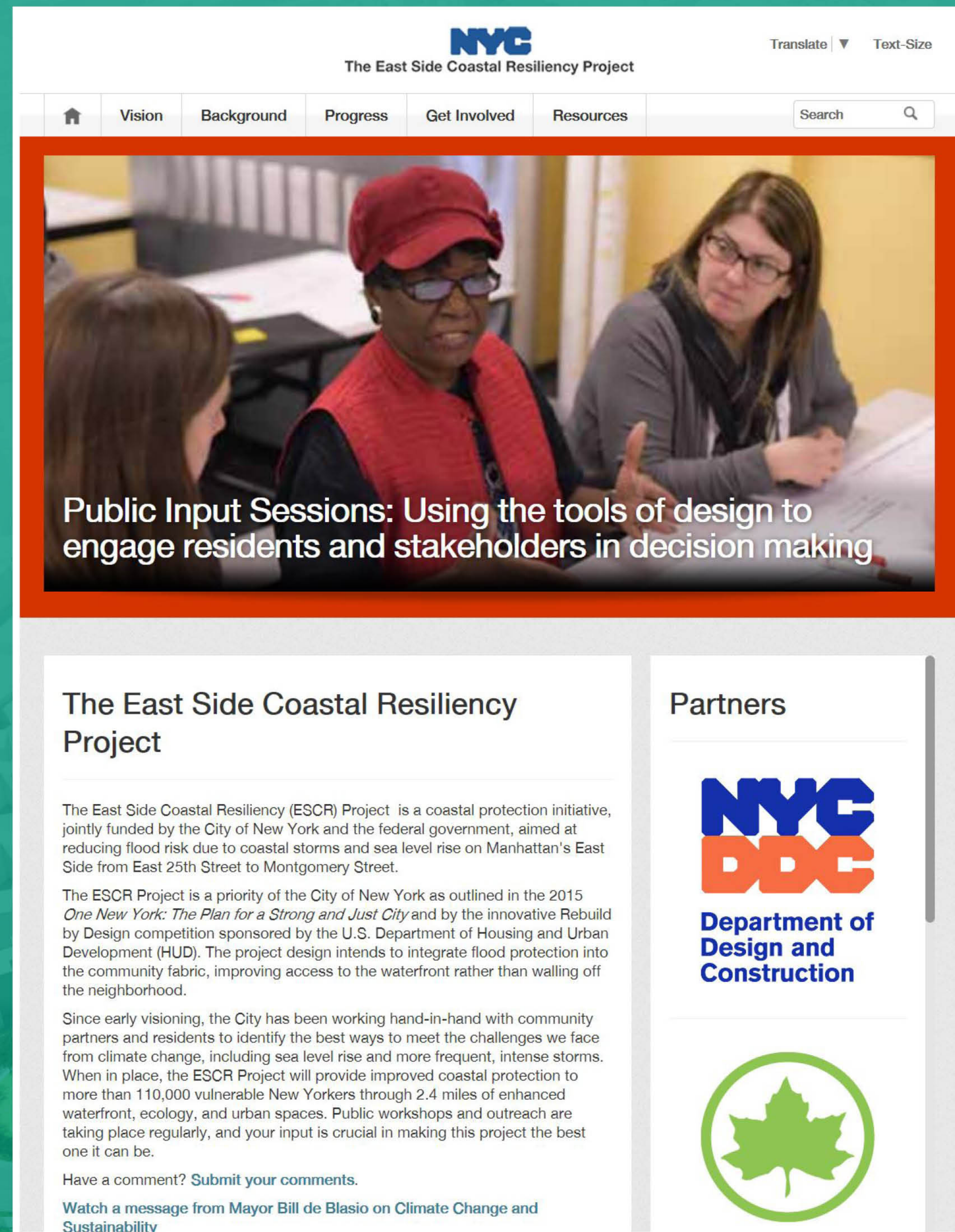


# Schedule & Next Steps





# Website

An aerial photograph of a park area, likely Central Park in New York City, showing a winding river (the Harlem River) and green spaces with trees. The image is used as a background for the text overlay.

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